

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114382.D
 Acq On : 18 May 2019 11:18
 Operator : JU/SJ
 Sample : PB119779BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Manual Integrations
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Sohil
 5/21/2019 7:17:06 PM

Quant Time: May 20 04:54:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	219237	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	848571	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	402139	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	788608	20.00	ng	0.00
76) Chrysene-d12	14.00	240	611391	20.00	ng	0.00
87) Perylene-d12	15.46	264	377254	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1536900	112.81	ng	0.01
7) Phenol-d6	6.49	99	1955599	121.37	ng	0.00
23) Nitrobenzene-d5	7.40	82	1111181	73.49	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	484385	116.51	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1952710	73.45	ng	0.00
79) Terphenyl-d14	12.93	244	2095737	70.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	275666	36.813	ng	99
3) Pyridine	3.43	79	645227	31.274	ng	97
4) n-Nitrosodimethylamine	3.39	42	340866	34.261	ng	94
6) Aniline	6.50	93	552934	23.756	ng	# 1
8) 2-Chlorophenol	6.63	128	615943	42.351	ng	97
9) Benzaldehyde	6.39	77	36441	3.231	ng	98
10) Phenol	6.50	94	723212	38.155	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	604942	42.039	ng	100
12) 1,3-Dichlorobenzene	6.78	146	640005	39.203	ng	99
13) 1,4-Dichlorobenzene	6.85	146	645702	39.250	ng	98
14) 1,2-Dichlorobenzene	7.00	146	599655	39.898	ng	97
15) Benzyl Alcohol	6.98	79	500407	39.819	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1102930	39.529	ng	79
17) 2-Methylphenol	7.10	107	481541	40.306	ng	95
18) Hexachloroethane	7.35	117	244436	39.585	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	418640	40.990	ng	99
20) 3+4-Methylphenols	7.25	107	607013	43.976	ng	# 79
22) Acetophenone	7.25	105	805538	42.851	ng	93
24) Nitrobenzene	7.42	77	653203	42.415	ng	99
25) Isophorone	7.66	82	1195961	42.648	ng	100
26) 2-Nitrophenol	7.73	139	339364	45.420	ng	95
27) 2,4-Dimethylphenol	7.77	122	541134	46.113	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	755656	41.530	ng	99
29) 2,4-Dichlorophenol	7.98	162	505368	43.248	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	543984	40.939	ng	99
31) Naphthalene	8.14	128	1729542	43.633	ng	99
32) Benzoic acid	7.92	122	356243	43.368	ng	99
33) 4-Chloroaniline	8.19	127	481688	26.667	ng	99
34) Hexachlorobutadiene	8.25	225	302658	40.031	ng	99
35) Caprolactam	8.56	113	171748m	45.075	ng	
36) 4-Chloro-3-methylphenol	8.69	107	525044	44.638	ng	96
37) 2-Methylnaphthalene	8.83	142	1165802	45.585	ng	98
38) 1-Methylnaphthalene	8.93	142	1103515	45.820	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	521169	42.783	ng	100

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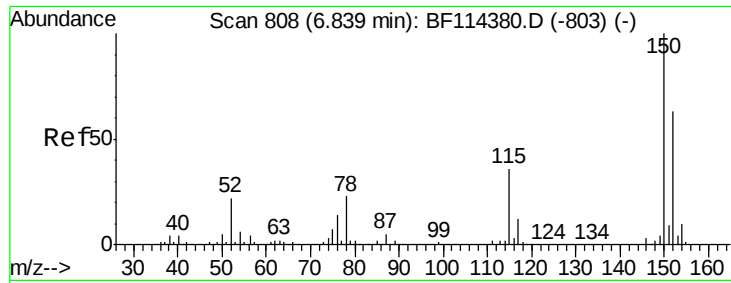
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Quant Time: May 20 04:54:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	201982	37.991	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	328159	39.165	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	354675	41.275	ng	97
46) 1,1'-Biphenyl	9.29	154	1404929	43.245	ng	99
47) 2-Chloronaphthalene	9.32	162	1072287	41.012	ng	96
48) 2-Nitroaniline	9.42	65	372202	40.141	ng	98
49) Acenaphthylene	9.73	152	1697506	42.688	ng	99
50) Dimethylphthalate	9.59	163	1243643	42.128	ng	100
51) 2,6-Dinitrotoluene	9.66	165	278627	42.554	ng	96
52) Acenaphthene	9.90	154	995350	40.790	ng	98
53) 3-Nitroaniline	9.83	138	225635	27.760	ng	99
54) 2,4-Dinitrophenol	9.95	184	261803	79.558	ng	98
55) Dibenzofuran	10.07	168	1455435	40.675	ng	99
56) 4-Nitrophenol	10.01	139	353167	61.442	ng	97
57) 2,4-Dinitrotoluene	10.07	165	354470	39.886	ng	91
58) Fluorene	10.42	166	1176626	42.572	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	289837	39.091	ng	99
60) Diethylphthalate	10.29	149	1241836	41.402	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	563245	41.493	ng	97
62) 4-Nitroaniline	10.45	138	312321	36.567	ng	97
63) Azobenzene	10.57	77	1214581	41.834	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	173777	45.859	ng	81
66) n-Nitrosodiphenylamine	10.53	169	1055173	44.086	ng	98
67) 4-Bromophenyl-phenylether	10.90	248	359411	41.393	ng	96
68) Hexachlorobenzene	10.97	284	385825	40.166	ng	96
69) Atrazine	11.05	200	292793	39.310	ng	97
70) Pentachlorophenol	11.17	266	305656	67.126	ng	100
71) Phenanthrene	11.38	178	1657324	43.197	ng	99
72) Anthracene	11.43	178	1712847	44.448	ng	99
73) Carbazole	11.59	167	1630185	44.362	ng	99
74) Di-n-butylphthalate	11.91	149	1968624	46.500	ng	100
75) Fluoranthene	12.57	202	1810966	43.832	ng	97
77) Benzidine	12.69	184	482734	17.590	ng	96
78) Pyrene	12.80	202	1850081	37.616	ng	99
80) Butylbenzylphthalate	13.40	149	873215	42.181	ng	97
81) Benzo(a)anthracene	13.99	228	1515440	38.322	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	486714	31.728	ng	100
83) Chrysene	14.03	228	1497793	38.638	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1207629	44.603	ng	100
85) Di-n-octyl phthalate	14.57	149	1952444	44.484	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1206131	35.206	ng	99
88) Benzo(b)fluoranthene	15.04	252	1418138	58.676	ng	100
89) Benzo(k)fluoranthene	15.07	252	1322733	59.578	ng	99
90) Benzo(a)pyrene	15.40	252	1259752	59.225	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	1021711	57.805	ng	99
92) Benzo(g,h,i)perylene	17.38	276	1031384	58.227	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

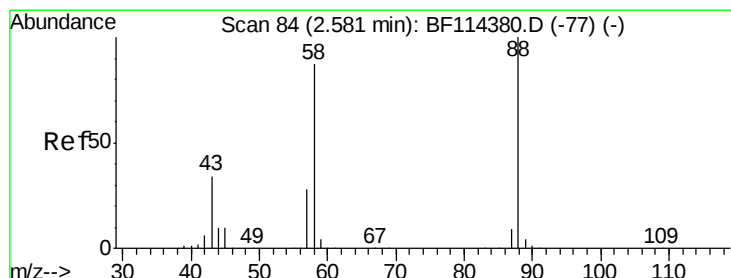
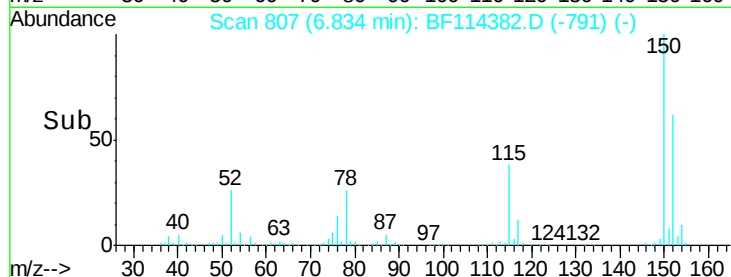
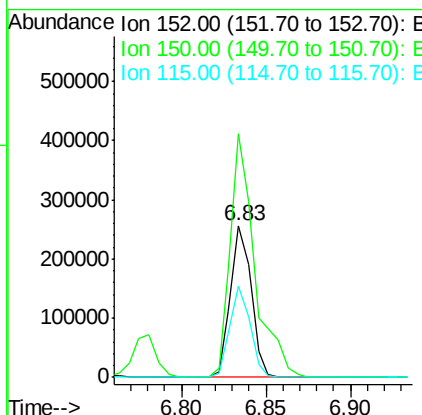
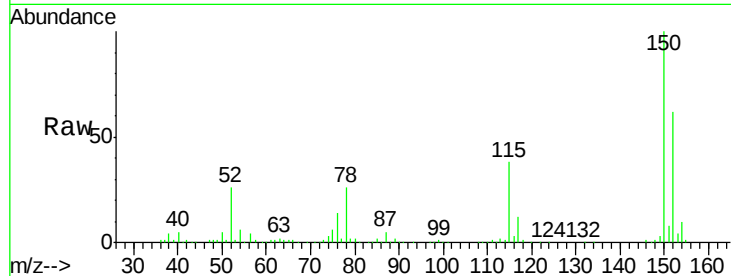
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.3	186.5
115	60.3	49.1	73.7

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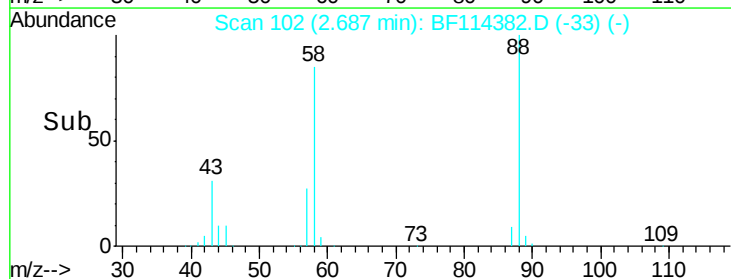
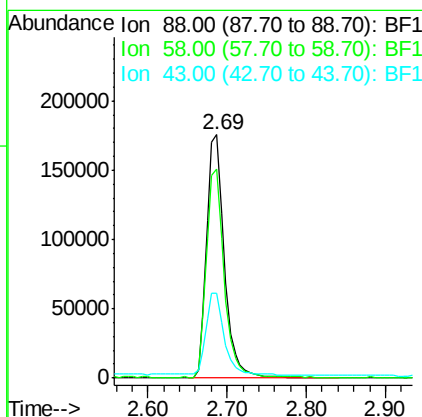
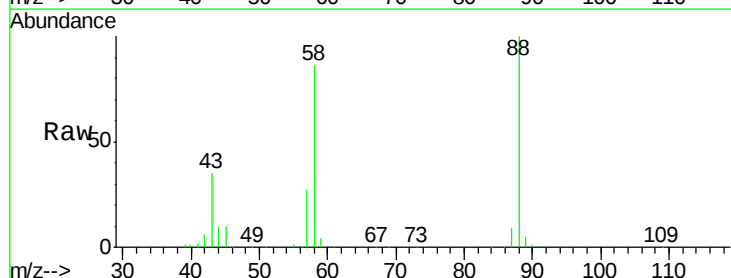
Sohil
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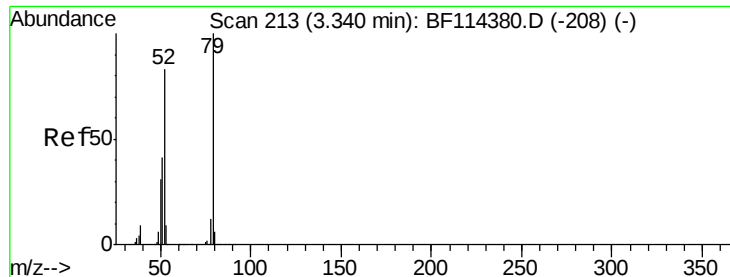


#2

1,4-Dioxane
Concen: 36.813 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.11 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	68.7	103.1
43	34.2	28.2	42.2





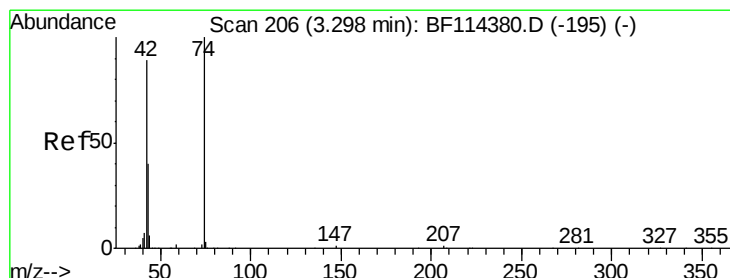
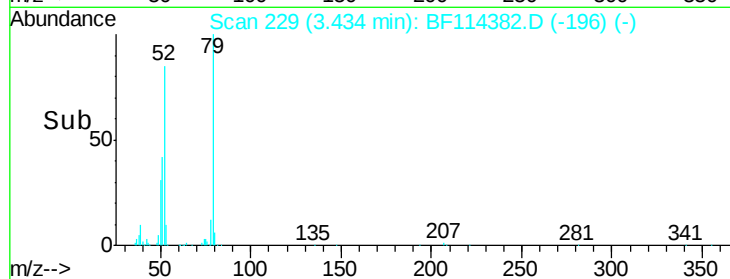
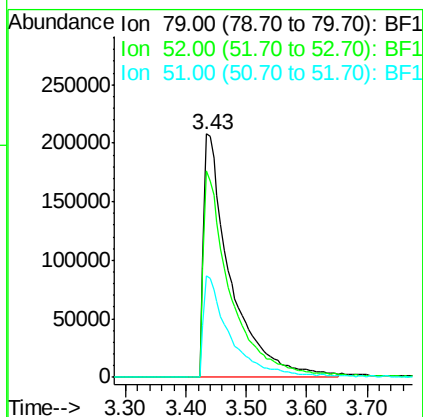
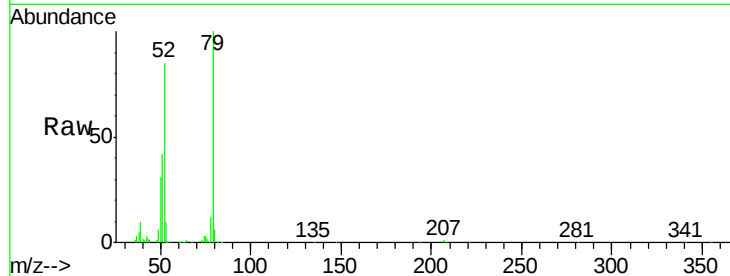
#3
 Pyridine
 Concen: 31.274 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.09 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampled :
 PB119779BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	85.0	70.6	105.8
51	42.0	34.2	51.2

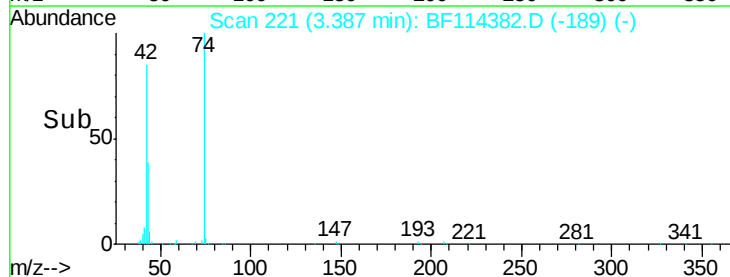
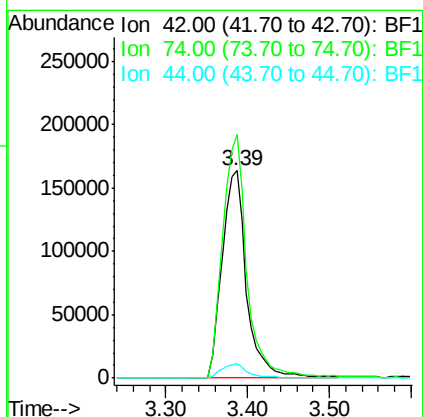
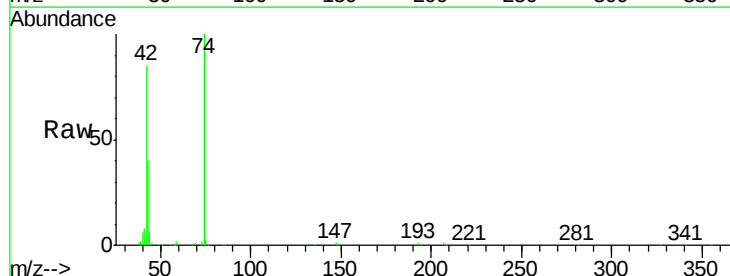
Manual Integrations
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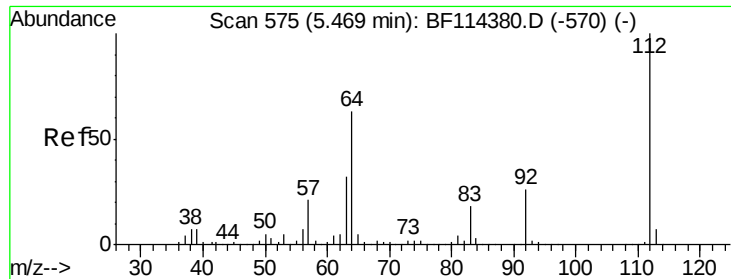
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#4
 n-Nitrosodimethylamine
 Concen: 34.261 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.4	88.6	132.8
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 112.813 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

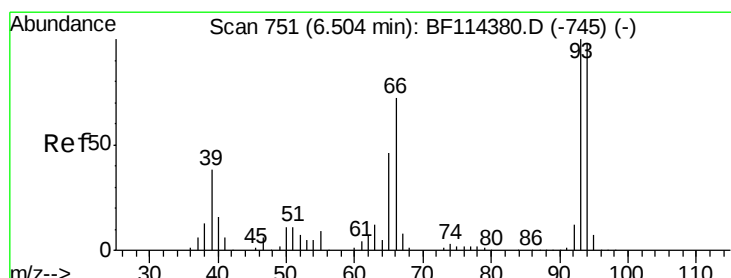
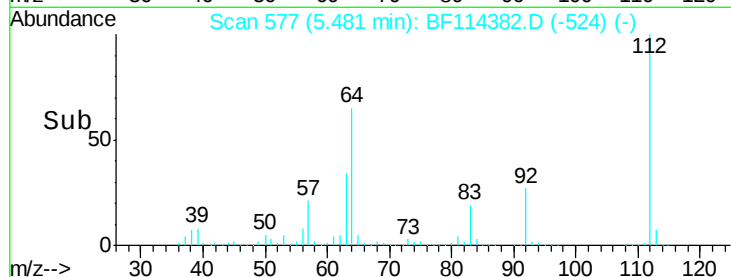
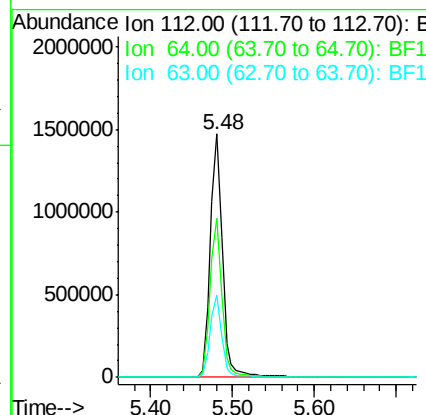
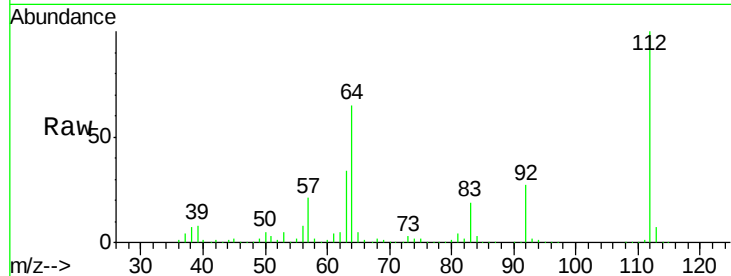
ClientSampleId :

PB119779BSD

Tgt Ion:	112	Resp:	1536900
Ion Ratio	Lower	Upper	
112	100		
64	65.4	49.0	73.6
63	33.7	24.6	37.0

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#6

Aniline

Concen: 23.756 ng

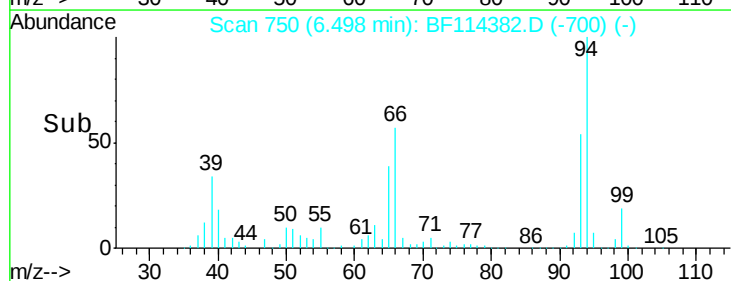
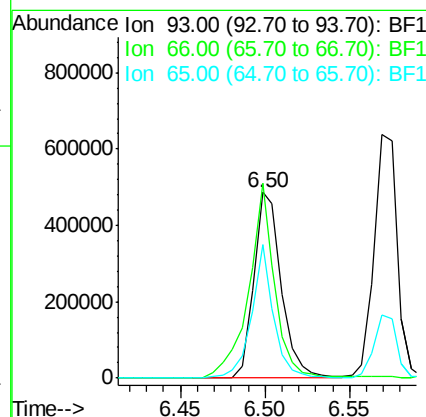
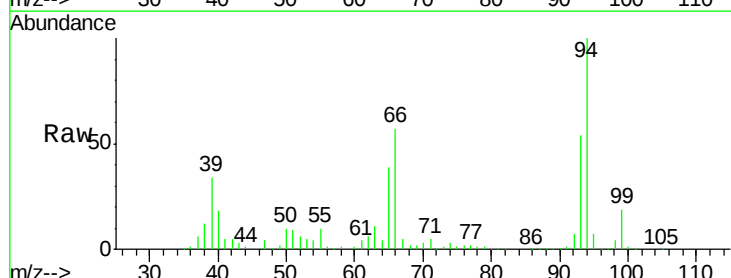
RT: 6.50 min Scan# 750

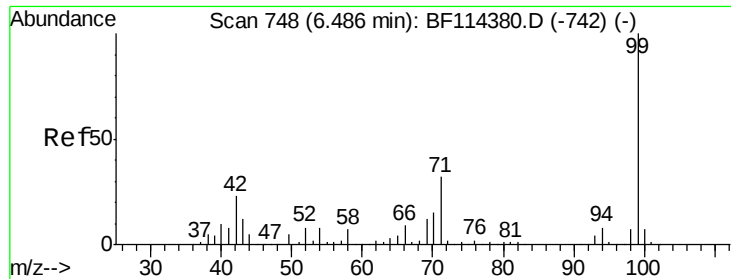
Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Tgt Ion:	93	Resp:	552934
Ion Ratio	Lower	Upper	
93	100		
66	105.1	33.2	49.8#
65	72.1	17.6	26.4#





#7

Phenol-d6

Concen: 121.369 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tgt Ion: 99 Resp: 1955599

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

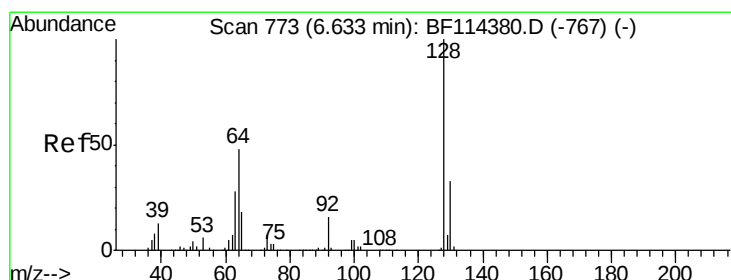
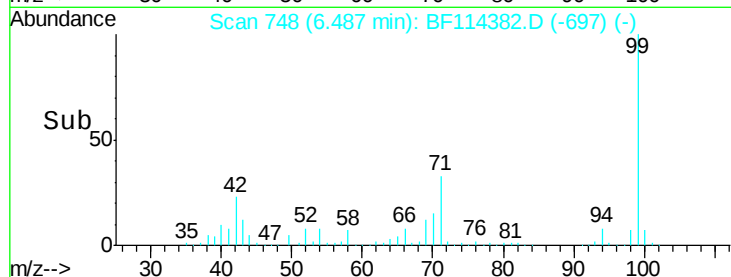
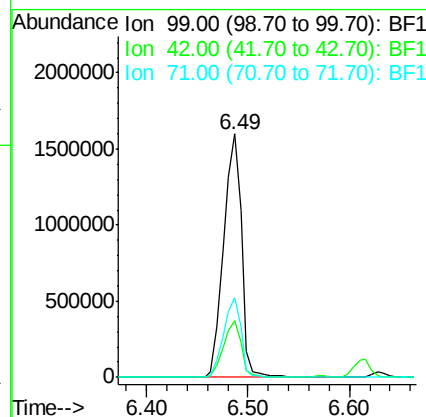
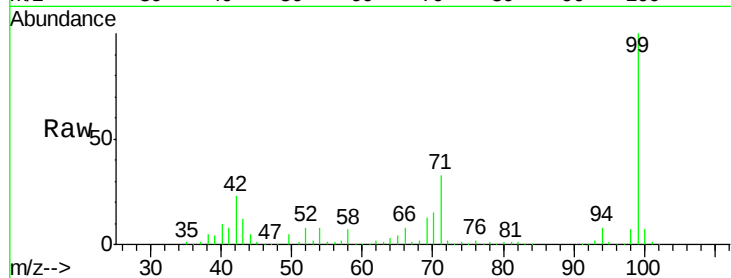
71 32.9 26.2 39.2

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#8

2-Chlorophenol

Concen: 42.351 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

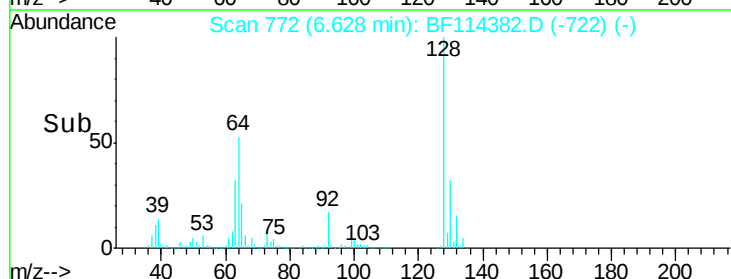
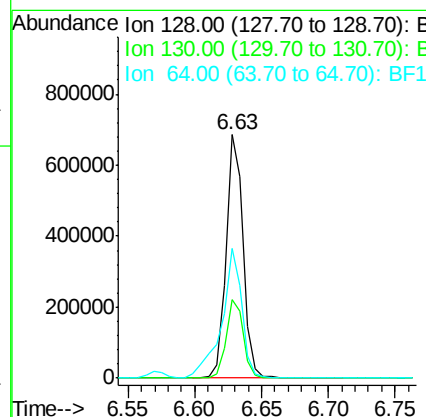
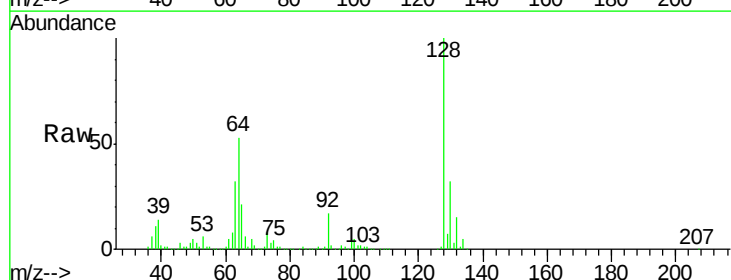
Tgt Ion: 128 Resp: 615943

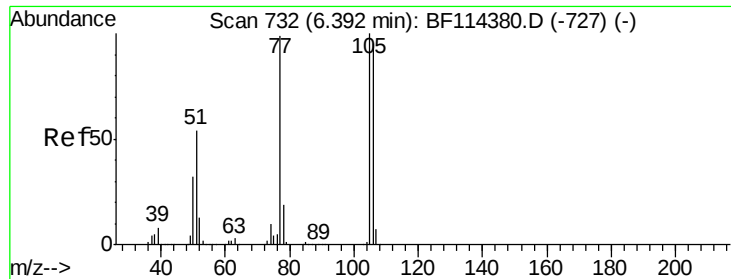
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 53.3 35.9 75.9





#9

Benzaldehyde

Concen: 3.231 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF114382.D

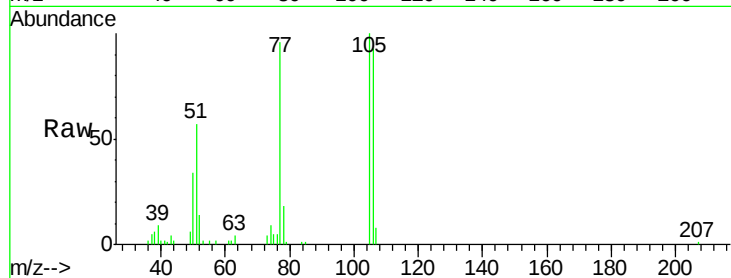
Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

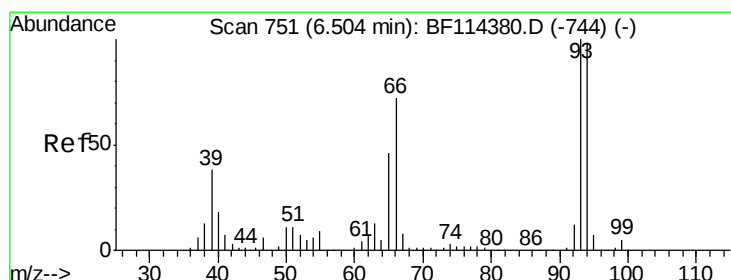
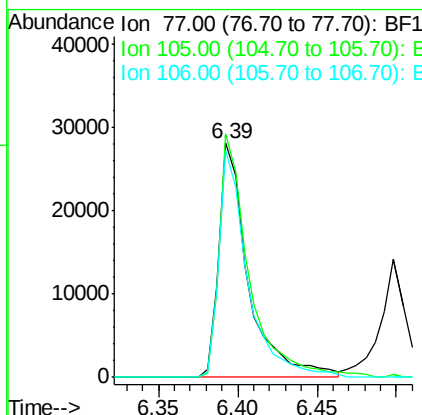
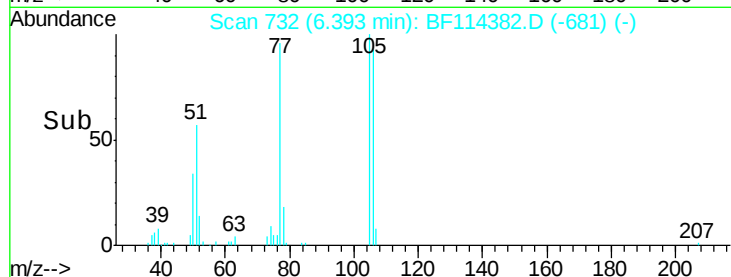
PB119779BSD



Tgt Ion:	77	Resp:	36441
Ion	Ratio	Lower	Upper
77	100		
105	104.0	79.3	119.3
106	96.9	77.0	117.0

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#10

Phenol

Concen: 38.155 ng

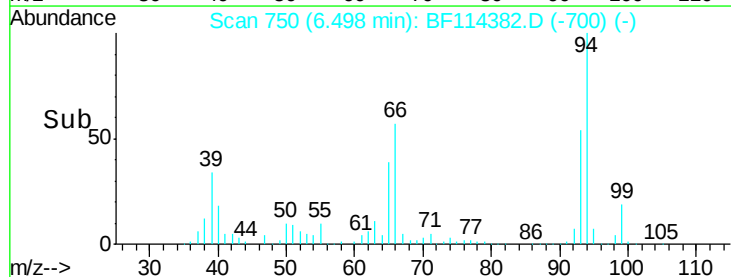
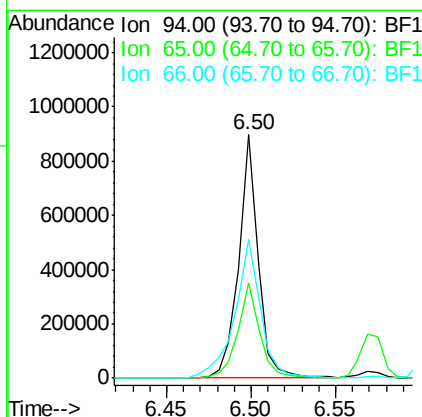
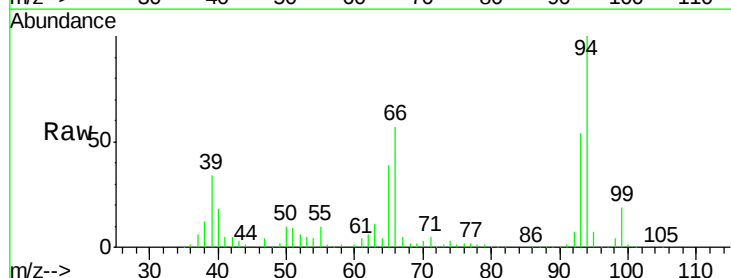
RT: 6.50 min Scan# 750

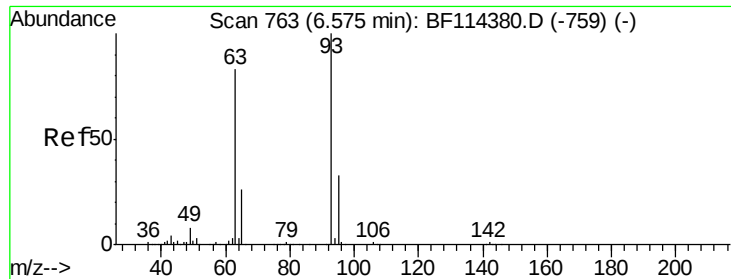
Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Tgt Ion:	94	Resp:	723212
Ion	Ratio	Lower	Upper
94	100		
65	39.0	14.7	54.7
66	56.8	29.6	69.6





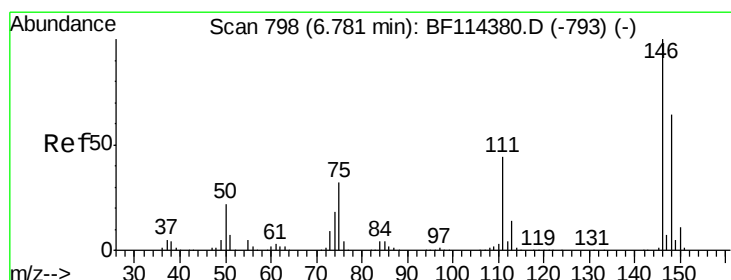
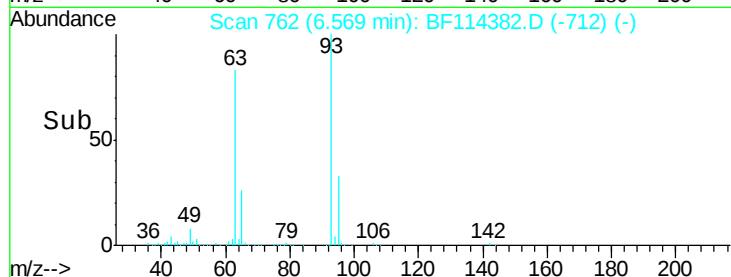
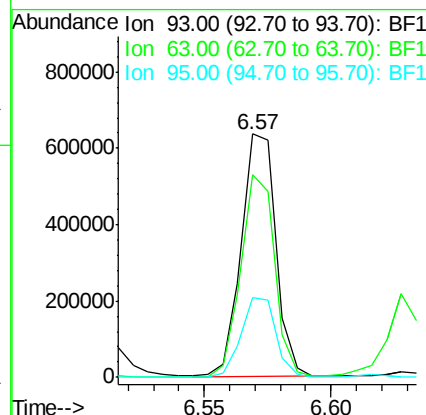
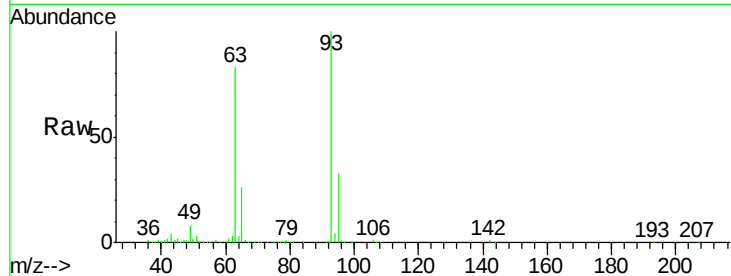
#11
bis(2-Chloroethyl)ether
Concen: 42.039 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.3	63.6	103.6
95	32.9	13.1	53.1

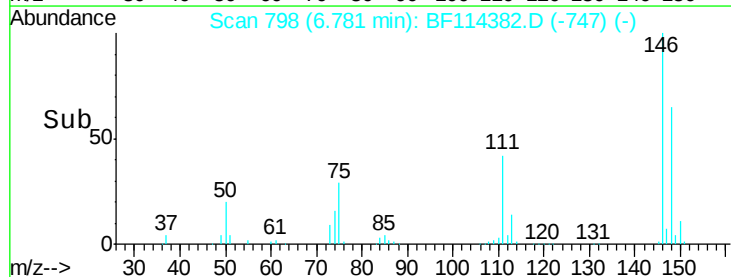
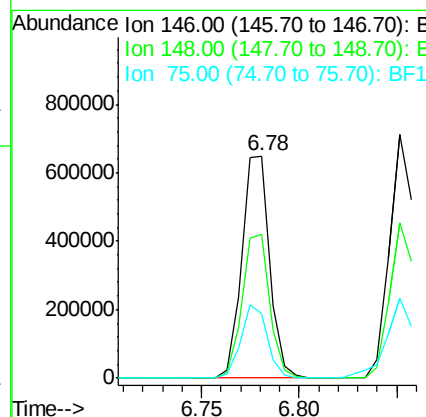
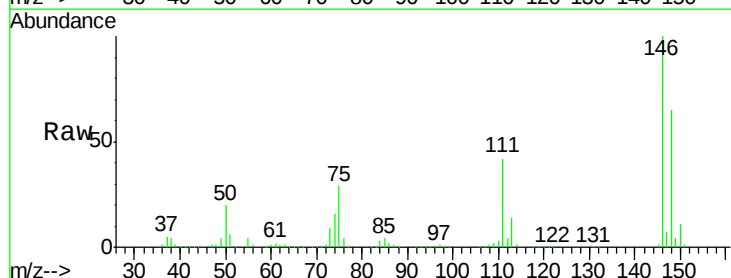
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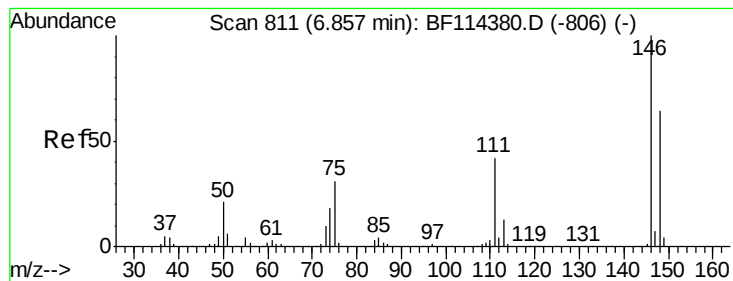
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.203 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
75	29.0	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 39.250 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

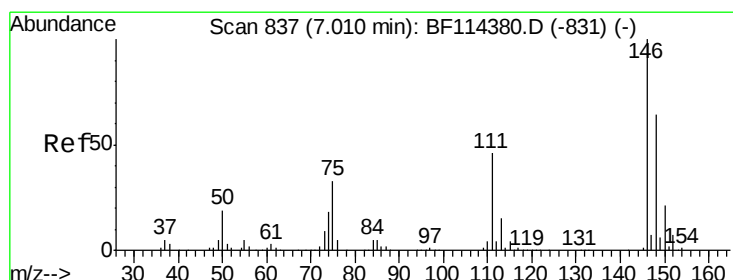
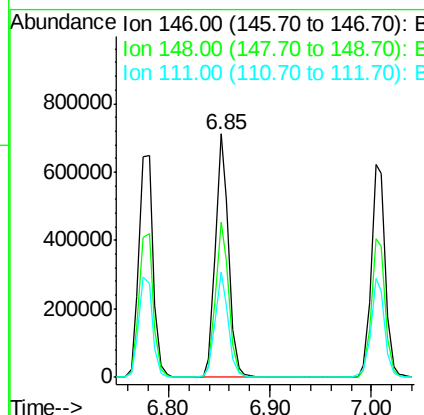
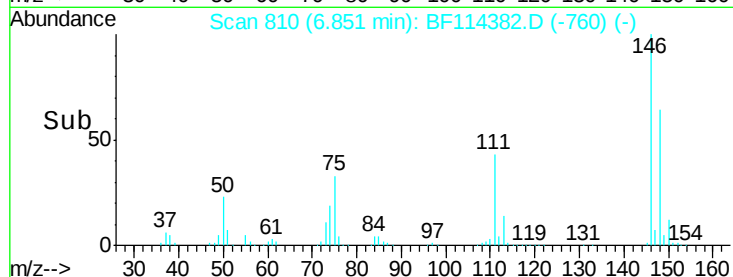
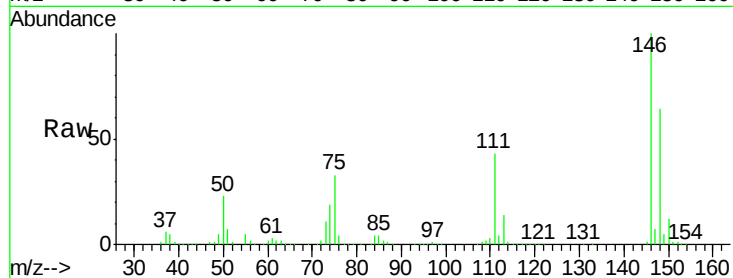
ClientSampleId :

PB119779BSD

Tgt Ion:	146	Resp:	645702
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.2	75.2
111	43.2	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 39.898 ng

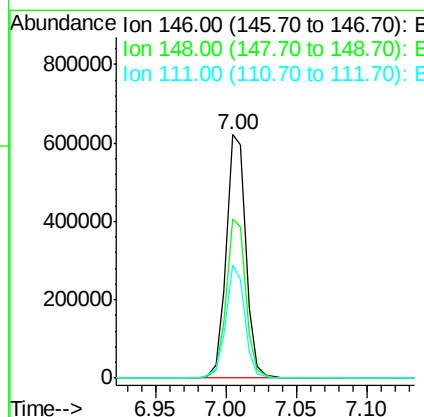
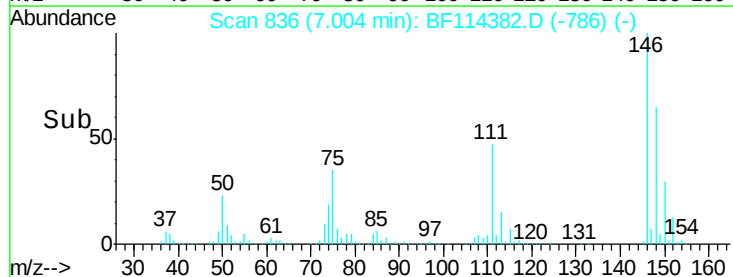
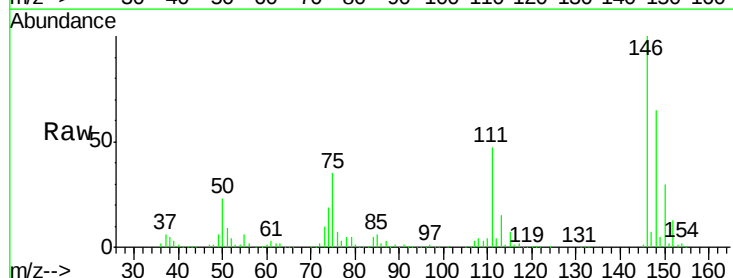
RT: 7.00 min Scan# 836

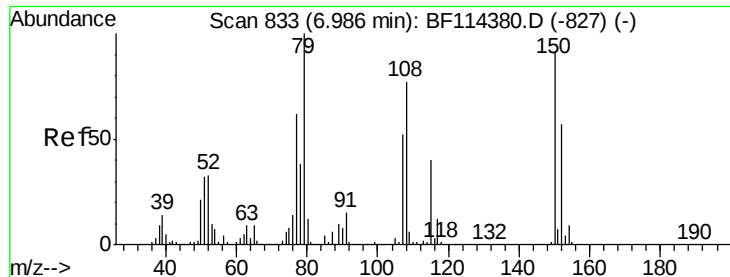
Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Tgt Ion:	146	Resp:	599655
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.1	76.7
111	46.5	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.819 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tgt Ion: 79 Resp: 500407
Ion Ratio Lower Upper

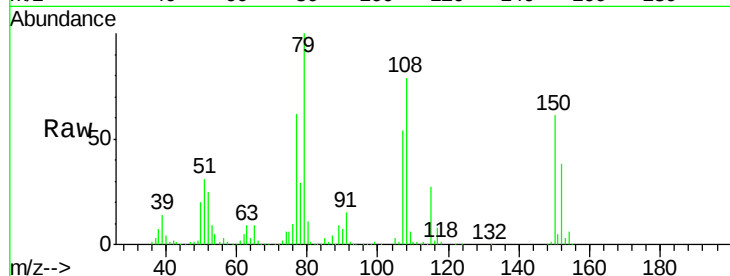
79 100

108 79.0 62.1 93.1

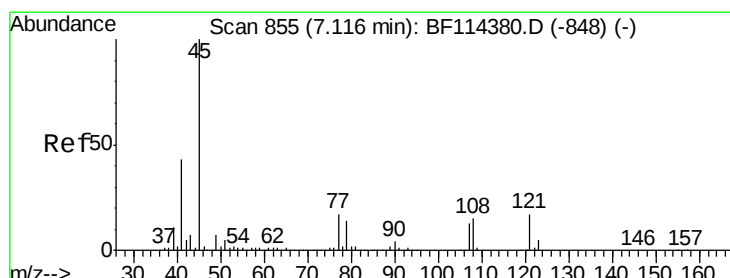
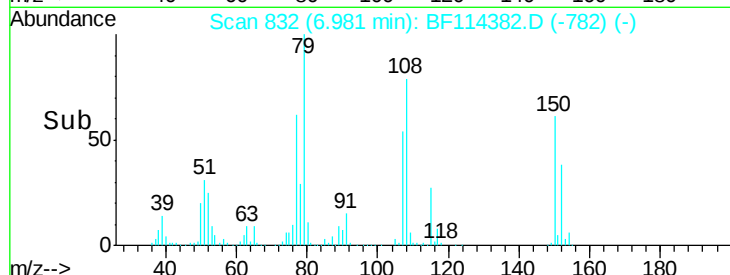
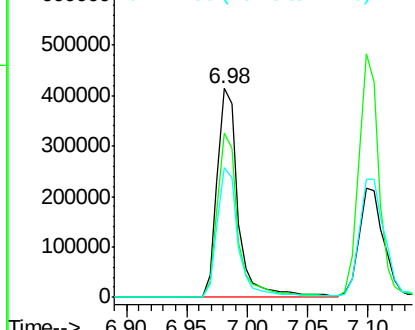
77 62.0 51.0 76.6

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.529 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF114382.D

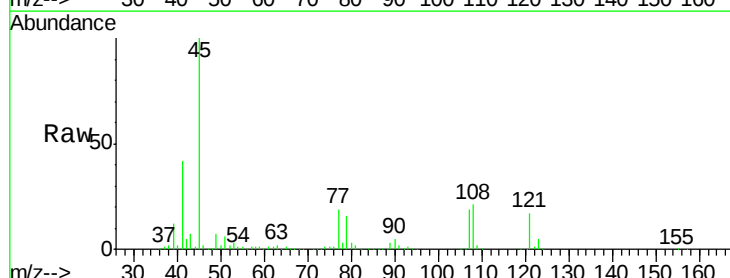
Acq: 18 May 2019 11:18

Tgt Ion: 45 Resp: 1102930
Ion Ratio Lower Upper

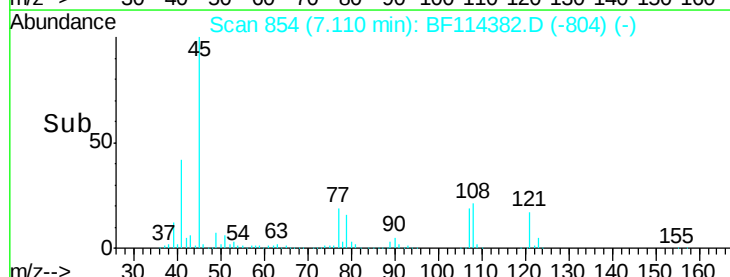
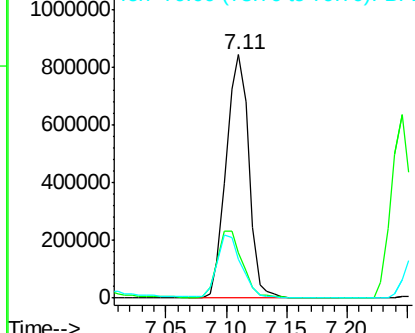
45 100

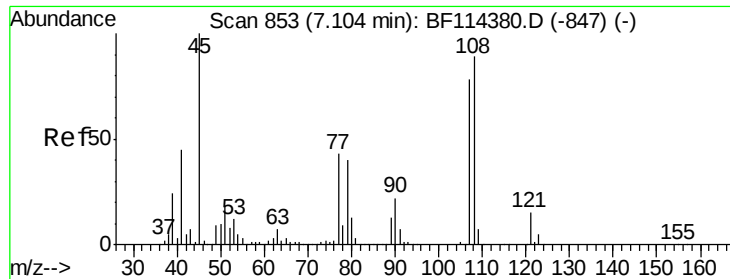
77 18.8 0.0 31.1

79 16.2 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





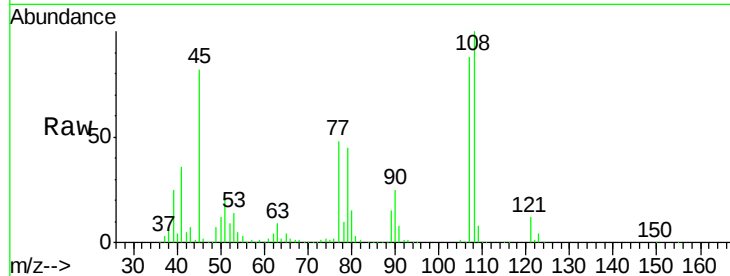
#17
2-Methylphenol
Concen: 40.306 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

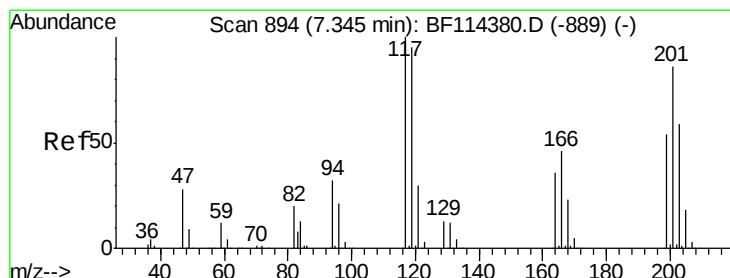
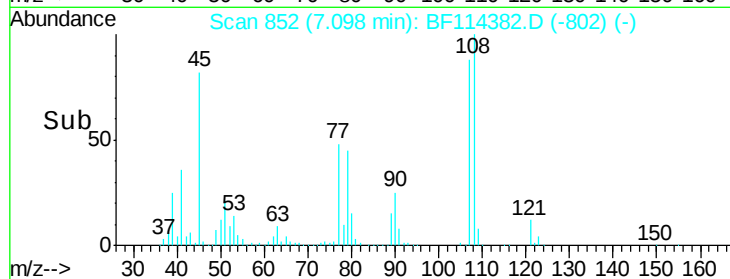
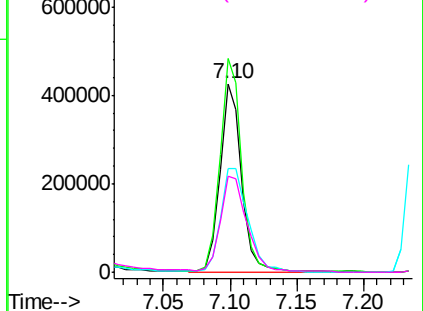
Tgt Ion:	107	Resp:	481541
Ion Ratio	Lower	Upper	
107	100		
108	113.5	90.5	135.7
77	54.8	37.0	55.4
79	50.9	35.8	53.8

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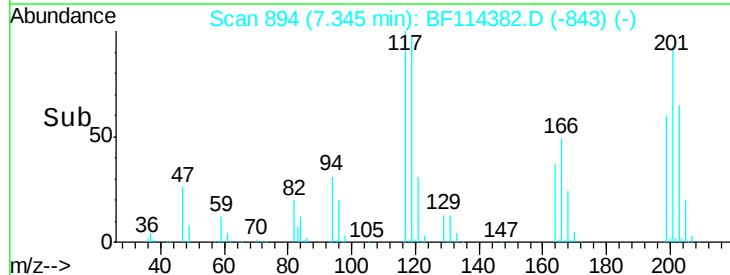
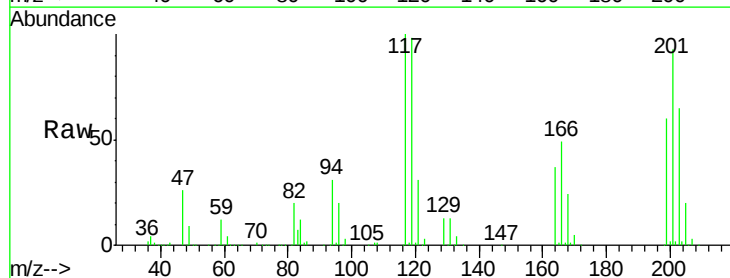
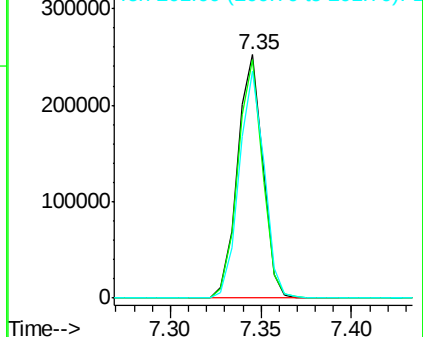
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

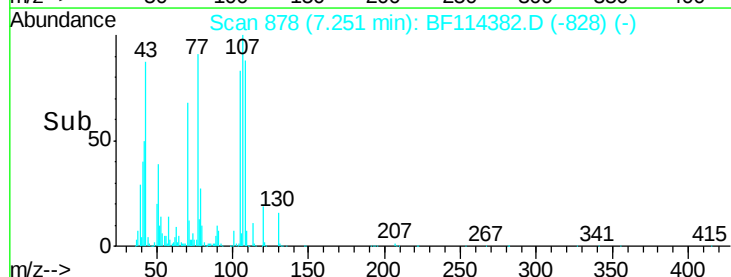
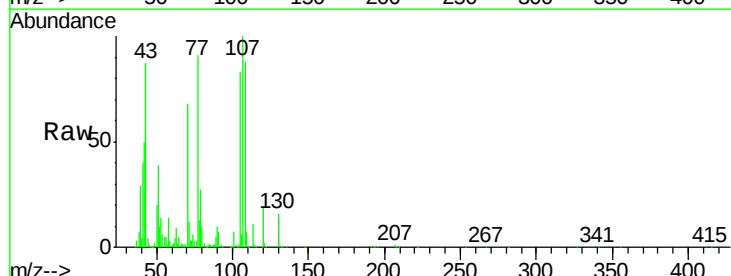
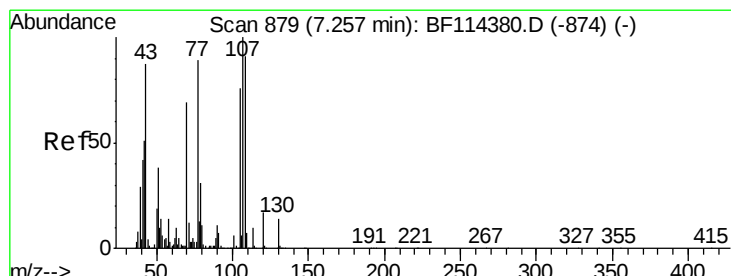
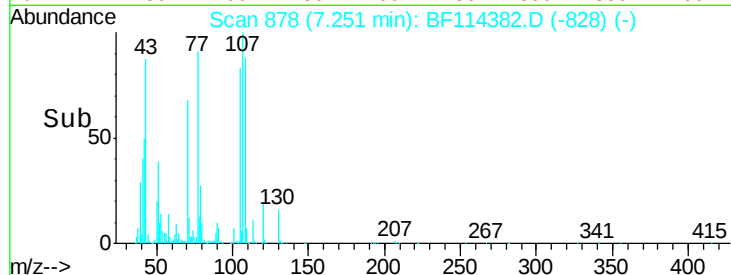
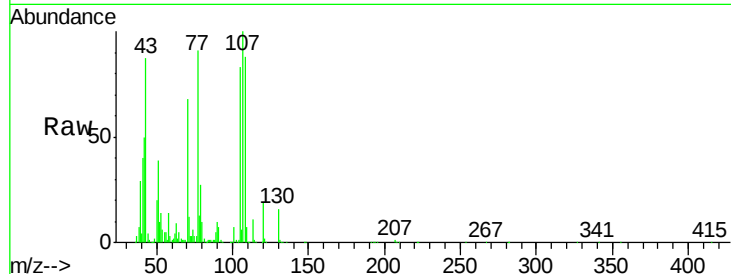
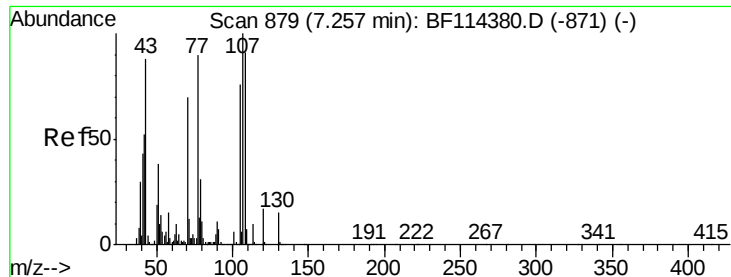


#18
Hexachloroethane
Concen: 39.585 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:	117	Resp:	244436
Ion Ratio	Lower	Upper	
117	100		
119	97.9	77.4	116.2
201	93.0	74.5	111.7

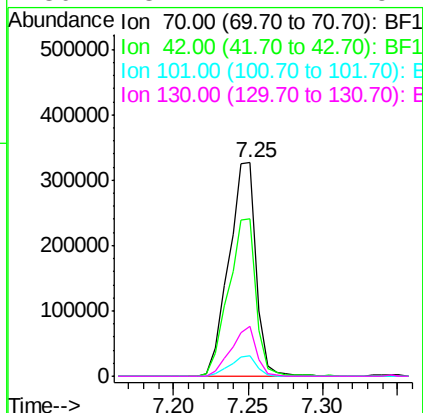
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.990 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	418640		
42	73.6	58.6	87.8	
101	9.9	7.8	11.8	
130	23.2	17.1	25.7	



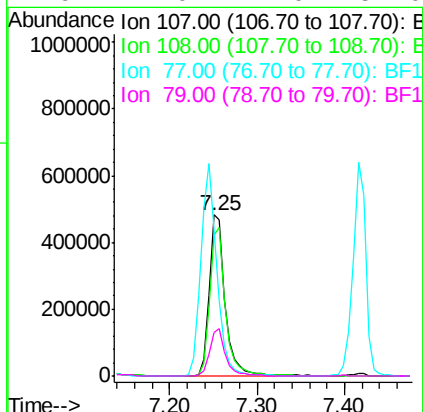
Instrument :
BNA_F
ClientSampleId :
PB119779BSD

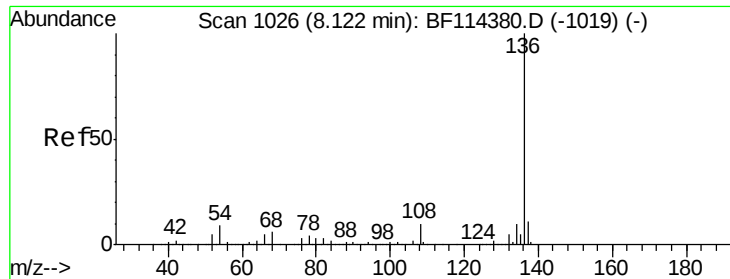
Manual Integrations
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#20
3+4-Methylphenols
Concen: 43.976 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	607013		
108	87.5	73.8	113.8	
77	90.6	111.5	151.5#	
79	27.0	12.0	52.0	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

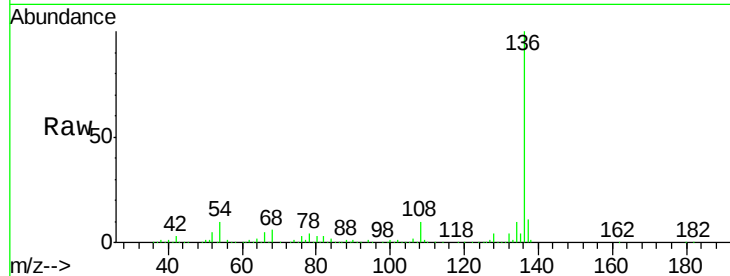
ClientSampleId :

PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	848571		
137	10.8	8.8	13.2	
54	9.9	7.8	11.8	
68	6.2	5.1	7.7	

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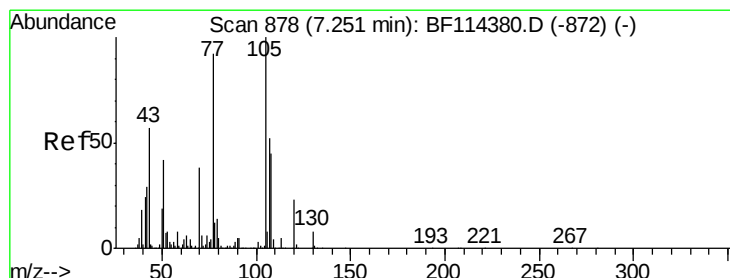
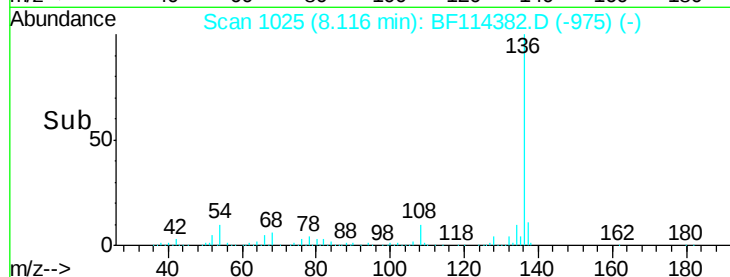
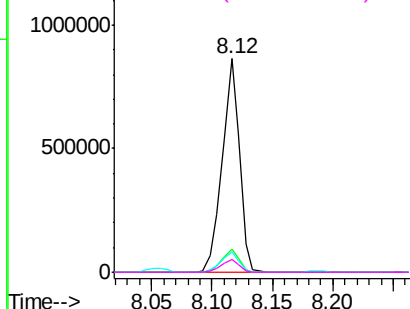


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.851 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

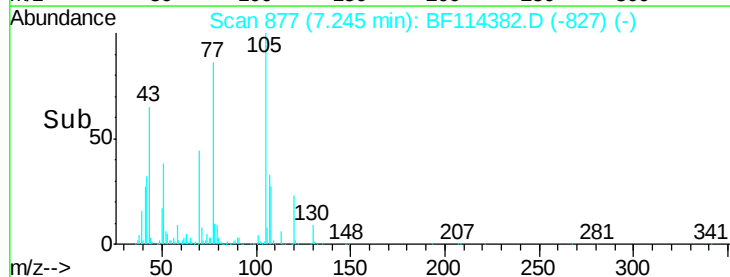
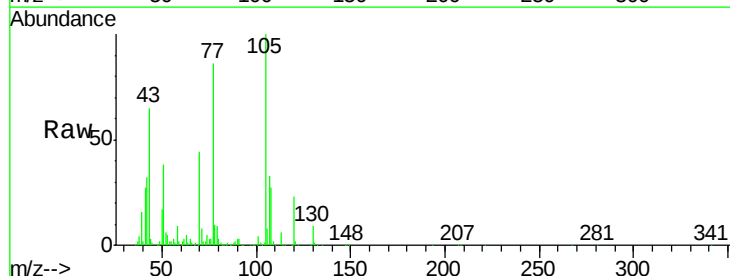
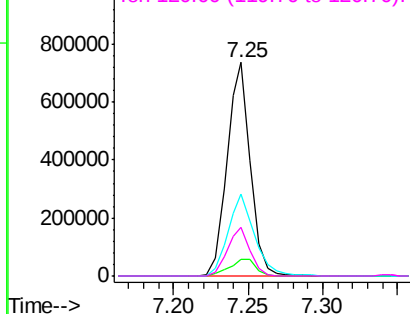
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	805538		
71	7.5	5.3	7.9	
51	38.4	36.2	54.4	
120	22.9	18.6	28.0	

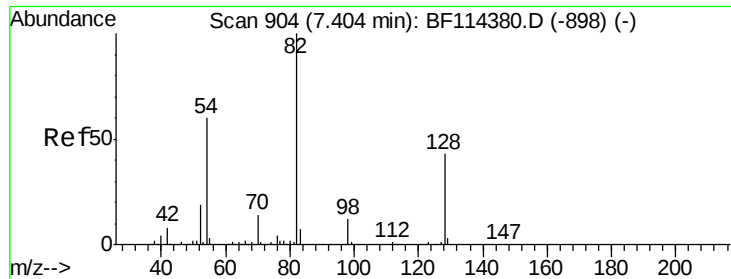
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





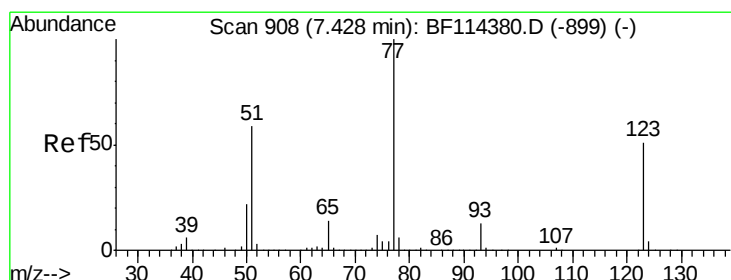
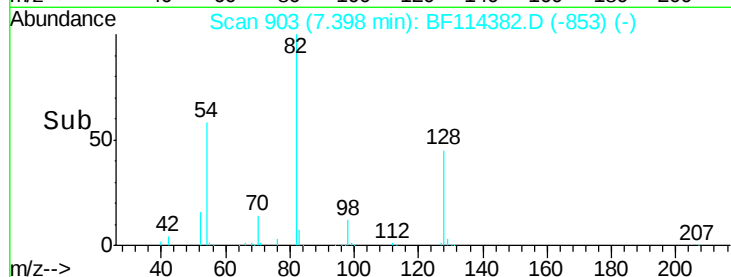
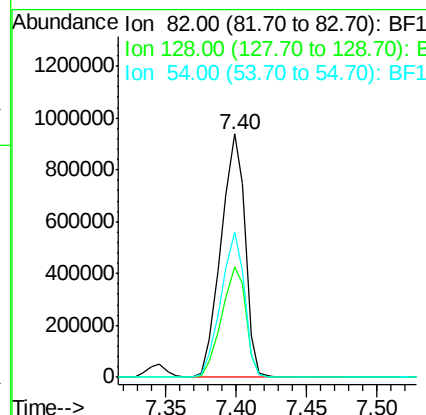
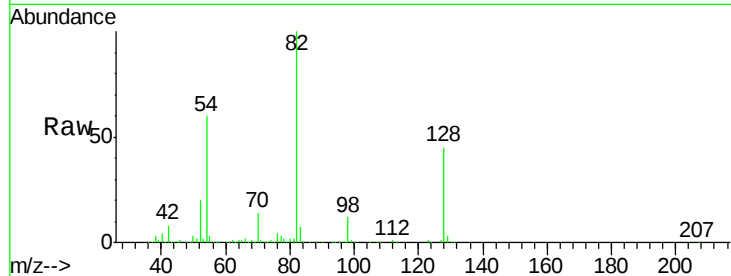
#23
 Nitrobenzene-d5
 Concen: 73.488 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion: 82 Resp: 1111181
 Ion Ratio Lower Upper
 82 100
 128 45.2 35.5 53.3
 54 59.8 48.5 72.7

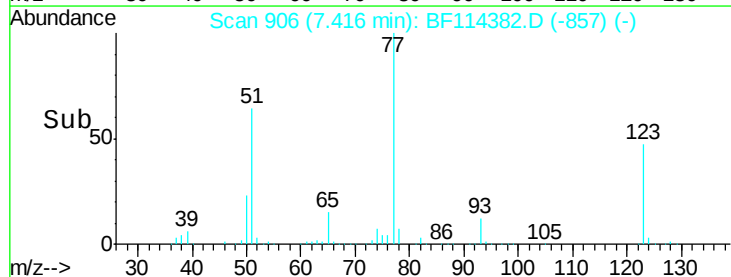
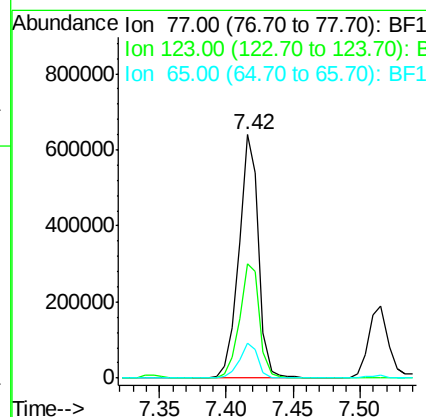
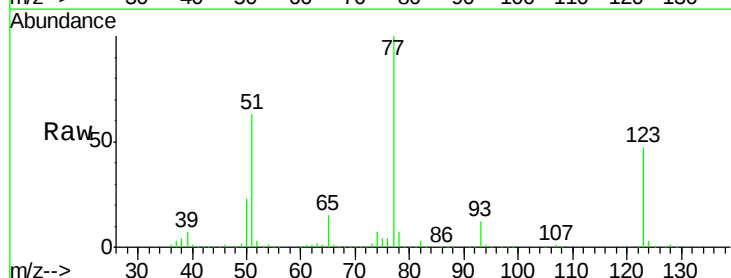
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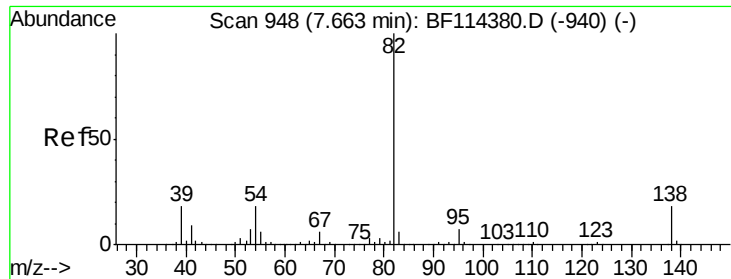
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#24
 Nitrobenzene
 Concen: 42.415 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion: 77 Resp: 653203
 Ion Ratio Lower Upper
 77 100
 123 47.0 36.9 55.3
 65 14.6 11.8 17.6





#25

Isophorone

Concen: 42.648 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampled :

PB119779BSD

Tgt Ion: 82 Resp: 1195961

Ion Ratio Lower Upper

82 100

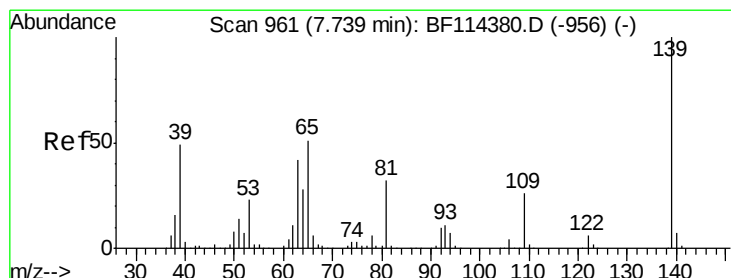
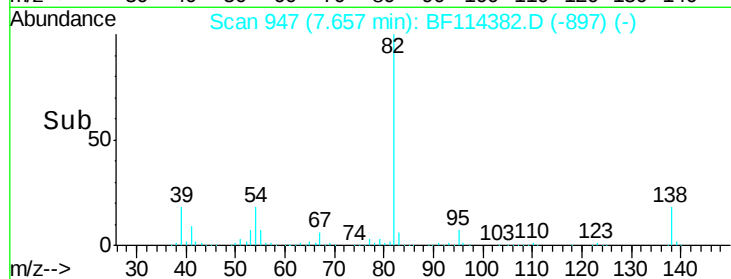
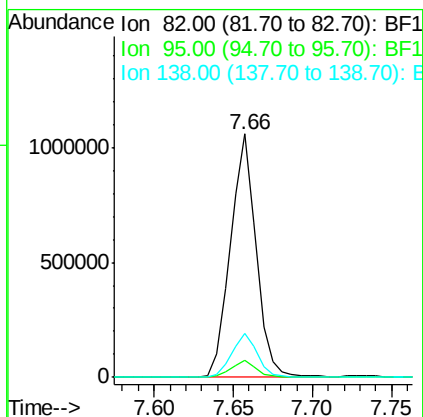
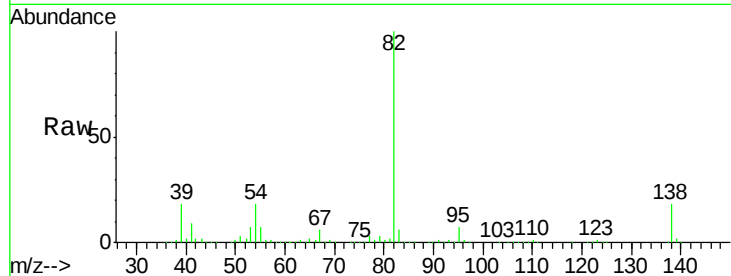
95 7.1 5.6 8.4

138 18.3 14.8 22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.420 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

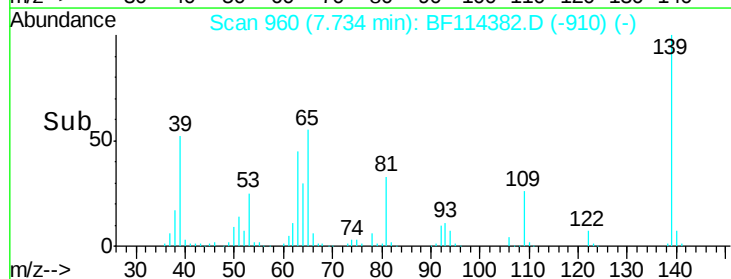
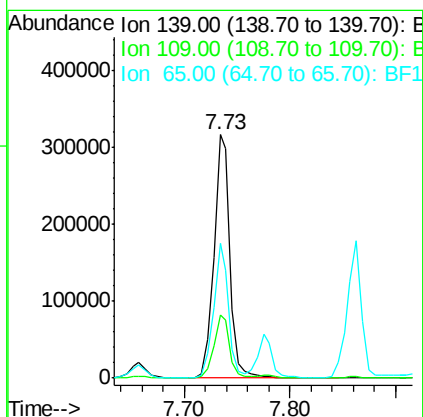
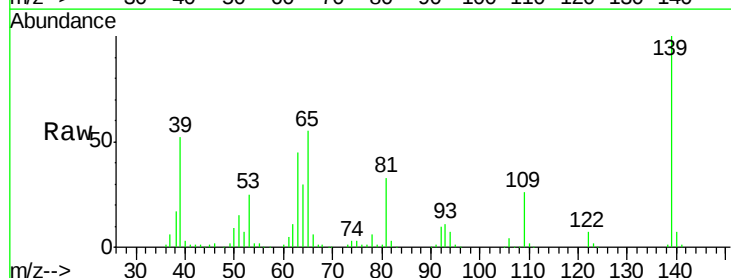
Tgt Ion: 139 Resp: 339364

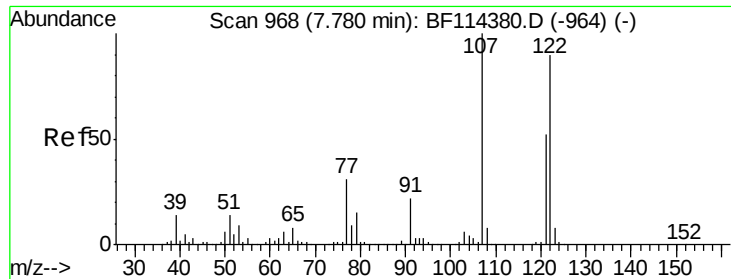
Ion Ratio Lower Upper

139 100

109 26.0 20.7 31.1

65 55.1 40.2 60.2





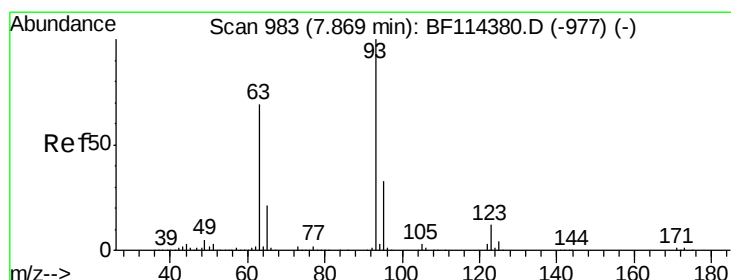
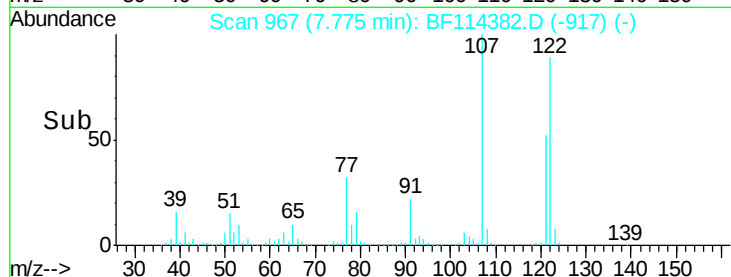
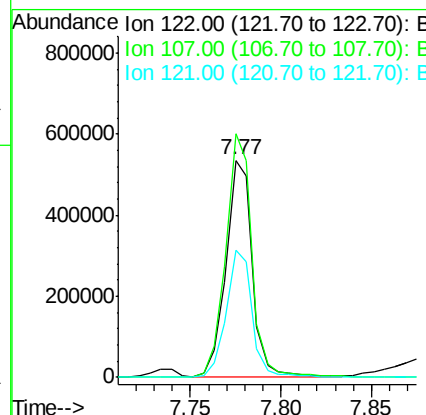
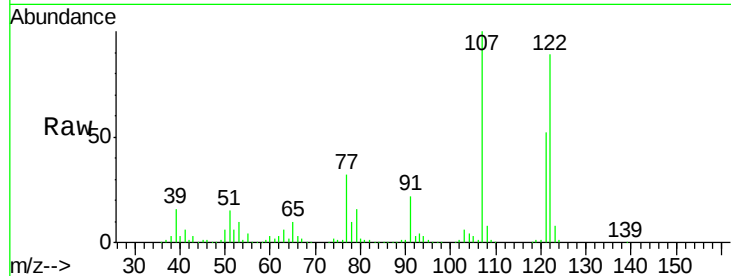
#27
2,4-Dimethylphenol
Concen: 46.113 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	541134		
107	112.0	88.4	132.6	
121	58.7	45.9	68.9	

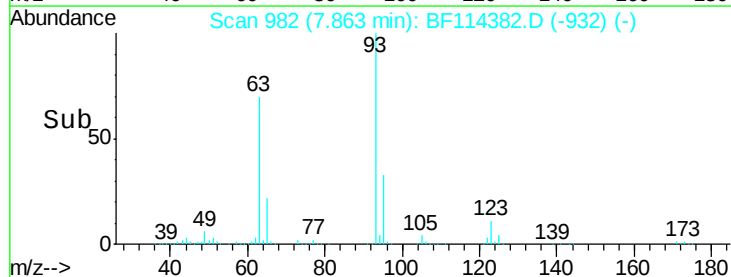
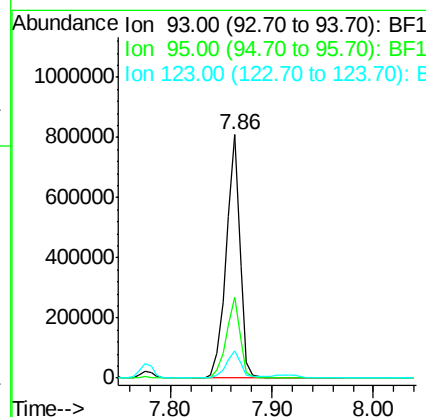
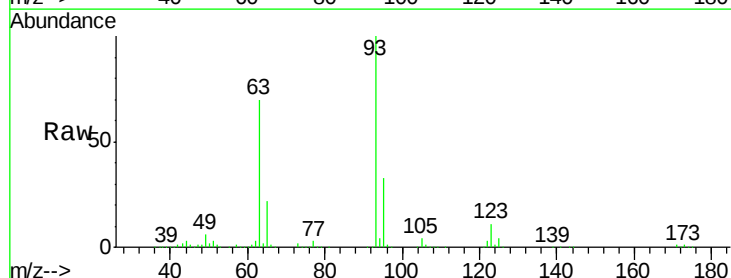
Manual Integrations
APPROVED

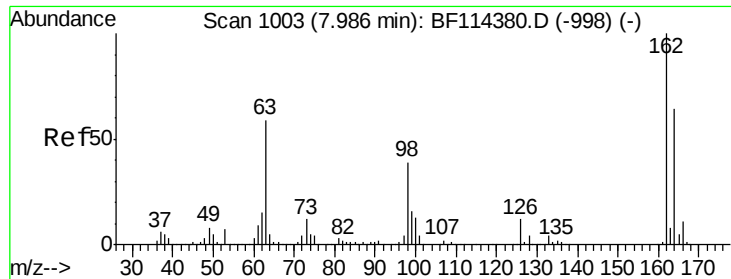
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.530 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	755656		
95	33.3	26.8	40.2	
123	11.2	9.5	14.3	





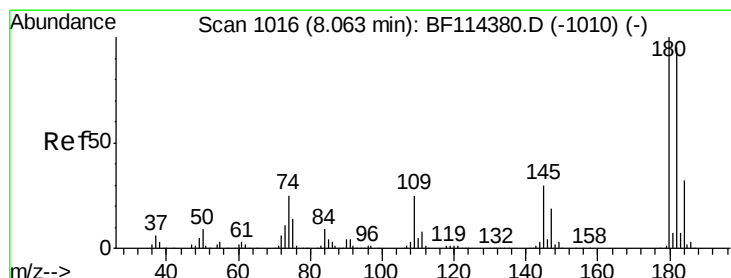
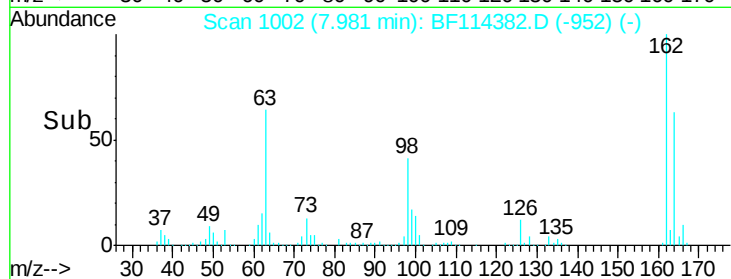
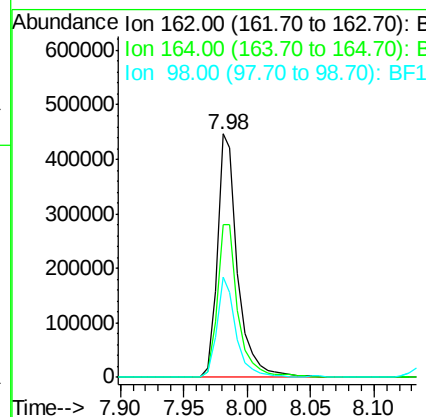
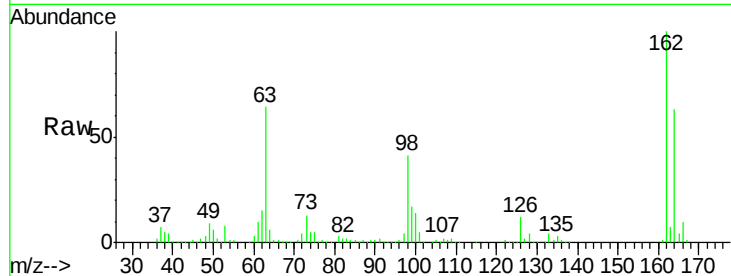
#29
2,4-Dichlorophenol
Concen: 43.248 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	43.6	83.6
98	41.0	20.6	60.6

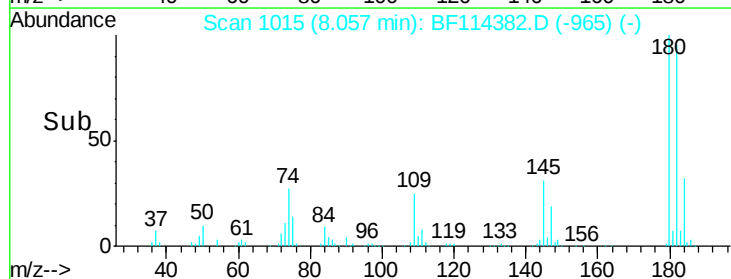
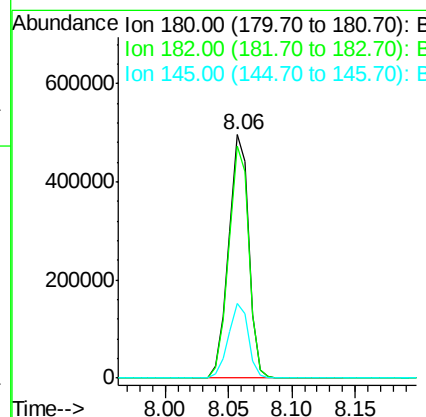
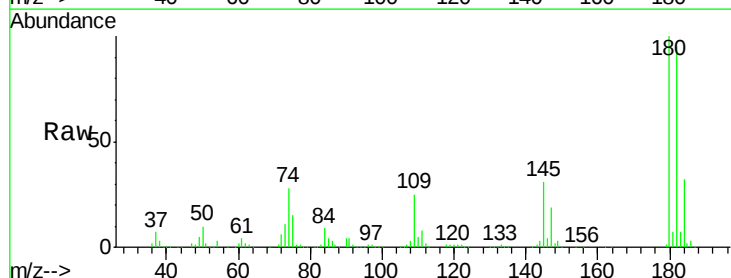
Manual Integrations
APPROVED

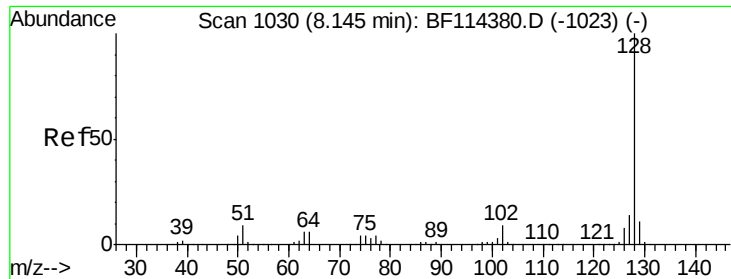
Sohil
5/21/2019 7:17:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.939 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	76.6	114.8
145	30.8	25.1	37.7





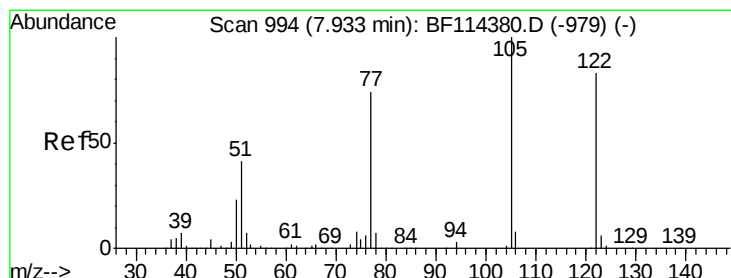
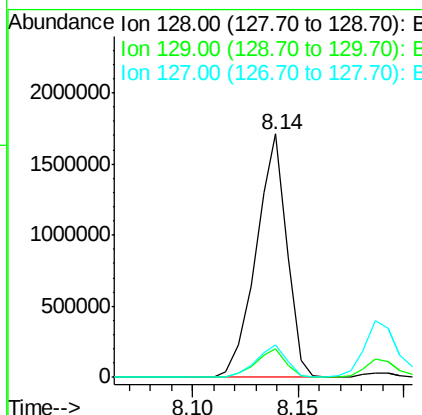
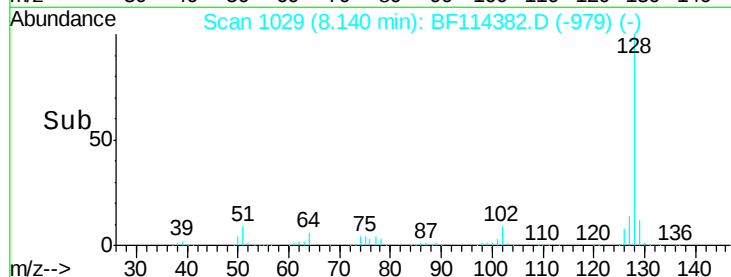
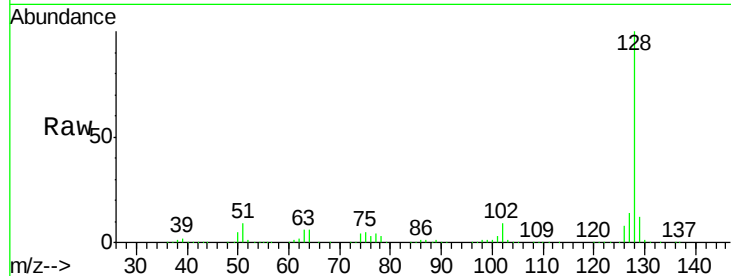
#31
Naphthalene
Concen: 43.633 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion:128 Resp: 1729542
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.5 11.3 16.9

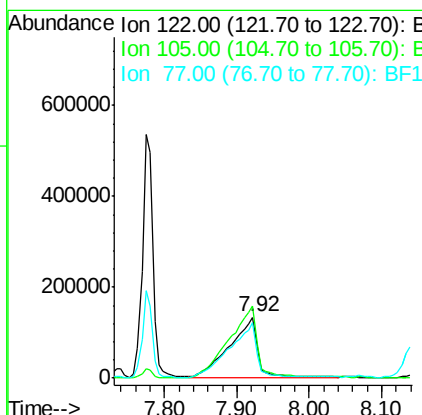
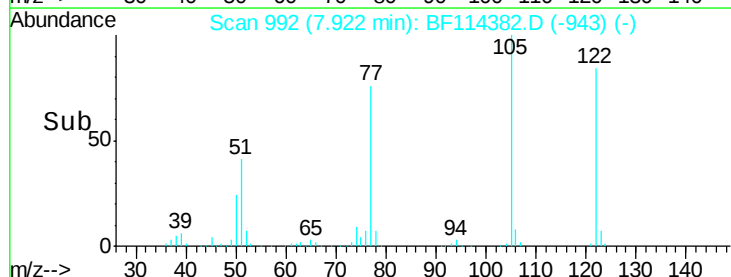
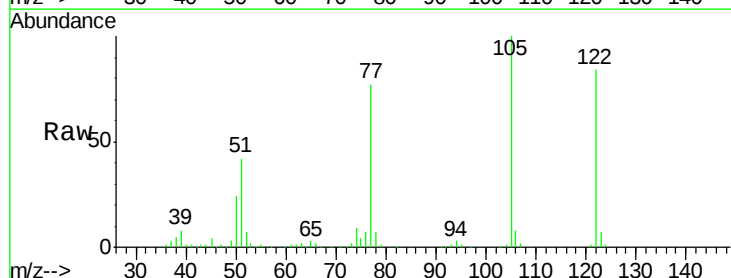
Manual Integrations
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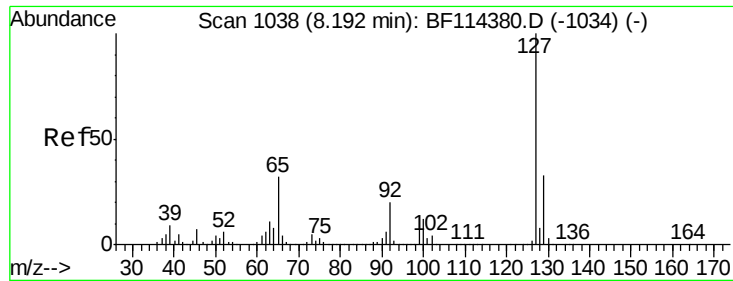
Sohil
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#32
Benzoic acid
Concen: 43.368 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:122 Resp: 356243
Ion Ratio Lower Upper
122 100
105 118.5 99.9 139.9
77 91.0 69.4 109.4





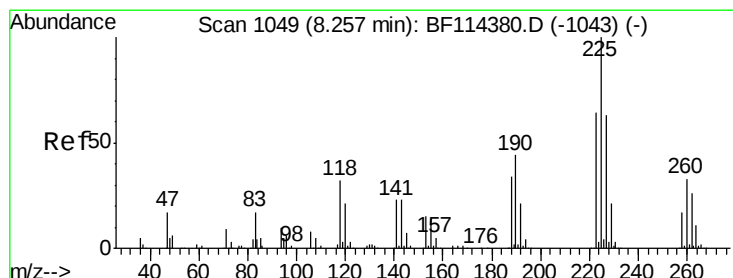
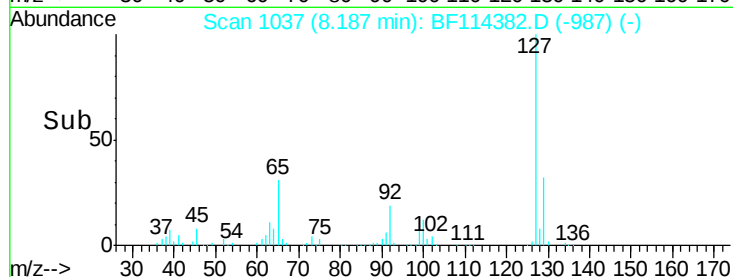
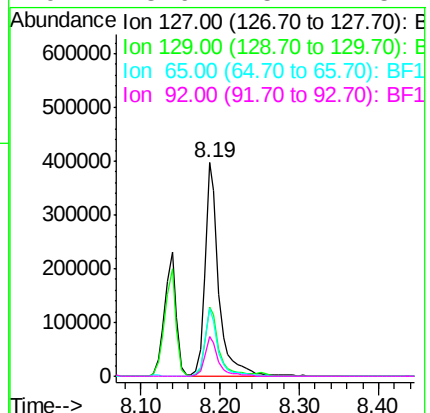
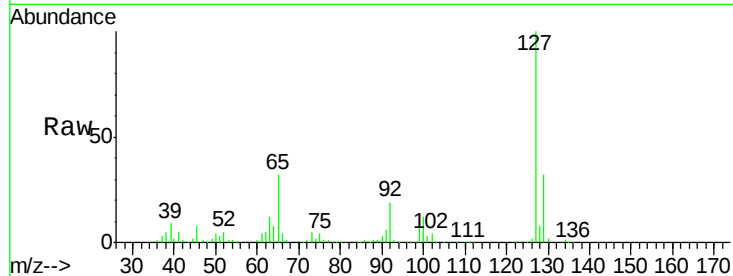
#33
4-Chloroaniline
Concen: 26.667 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	481688		
129	32.4	26.7	40.1	
65	32.0	25.4	38.0	
92	18.6	15.4	23.2	

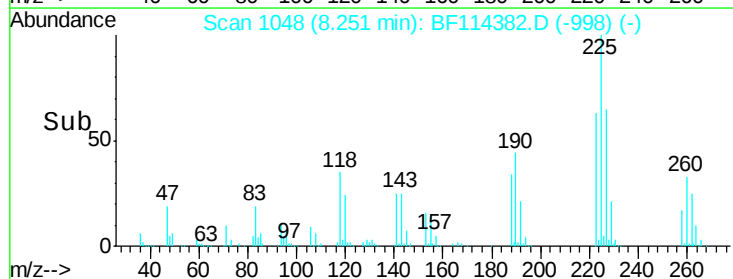
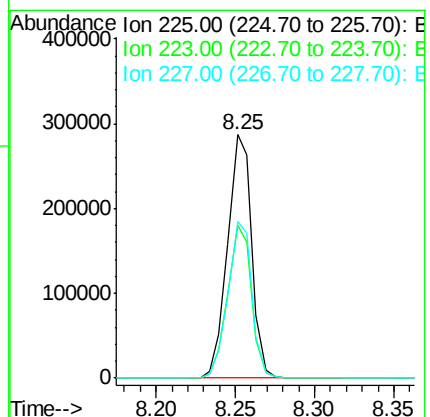
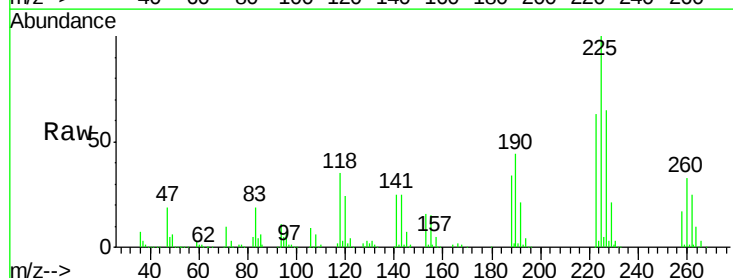
Manual Integrations
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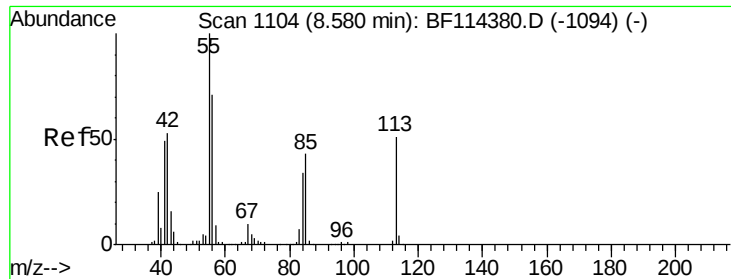
Sohil
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#34
Hexachlorobutadiene
Concen: 40.031 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	302658		
223	62.5	50.2	75.2	
227	64.5	52.6	79.0	





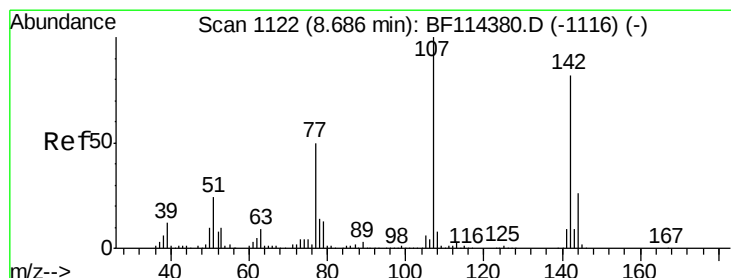
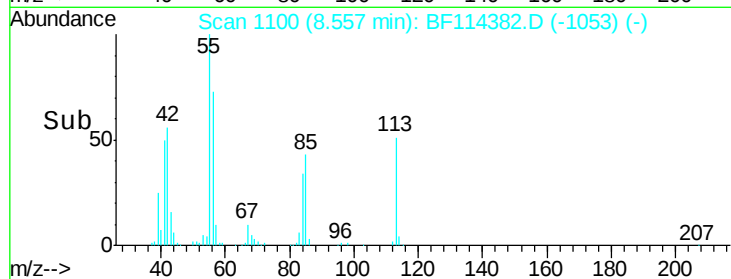
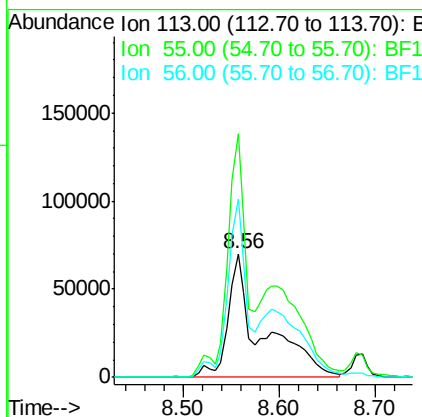
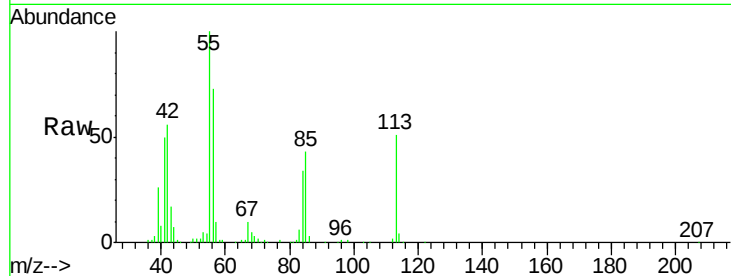
#35
 Caprolactam
 Concen: 45.075 ng m
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	171748		
55	197.3	183.5	223.5	
56	144.2	128.8	168.8	

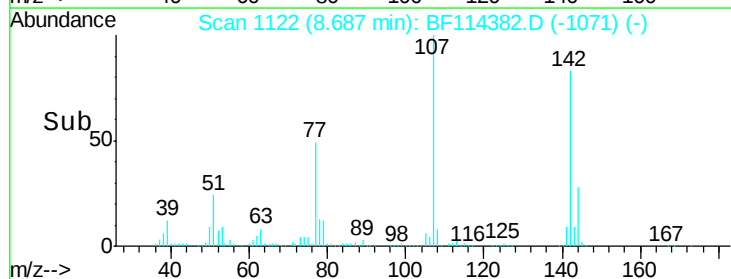
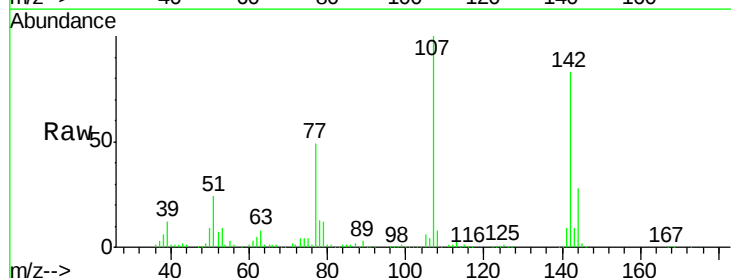
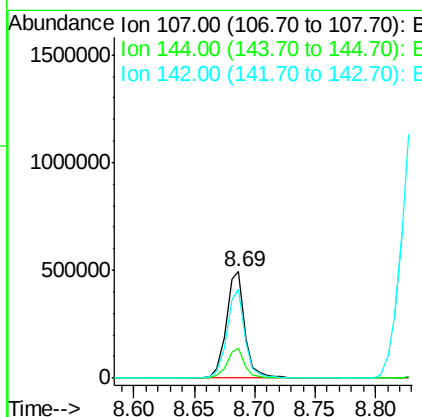
Manual Integrations
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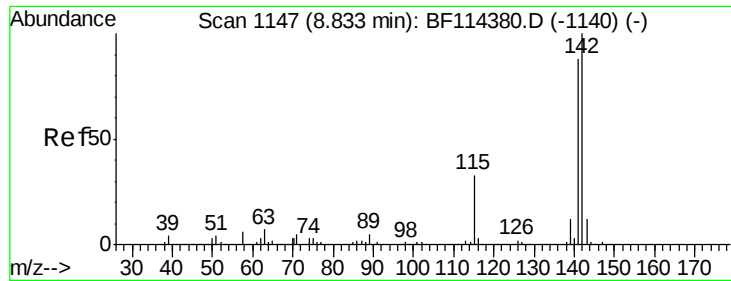
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 44.638 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	525044		
144	27.9	20.4	30.6	
142	83.0	64.2	96.4	





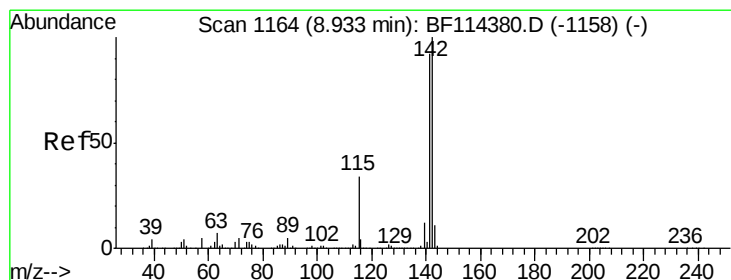
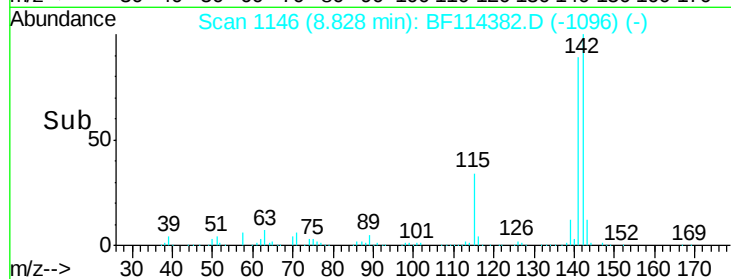
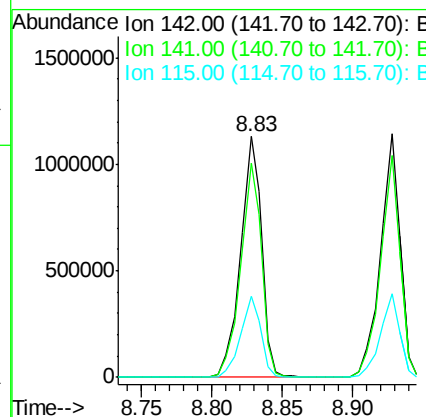
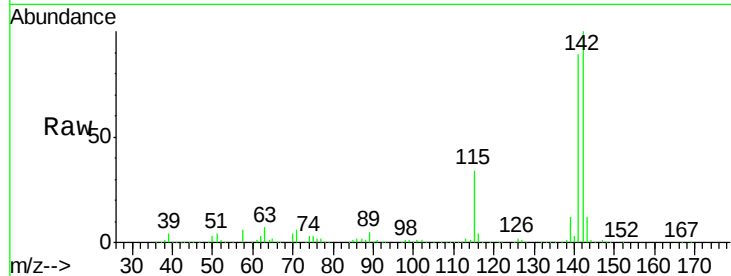
#37
2-Methylnaphthalene
Concen: 45.585 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampled :
PB119779BSD

Tgt Ion:142 Resp: 1165802
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1
115 33.7 28.0 42.0

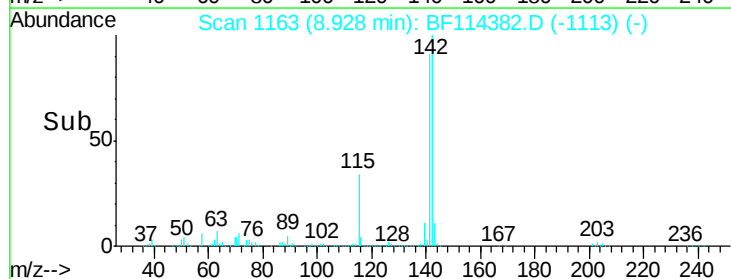
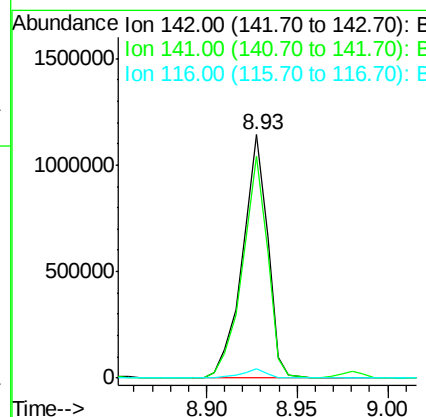
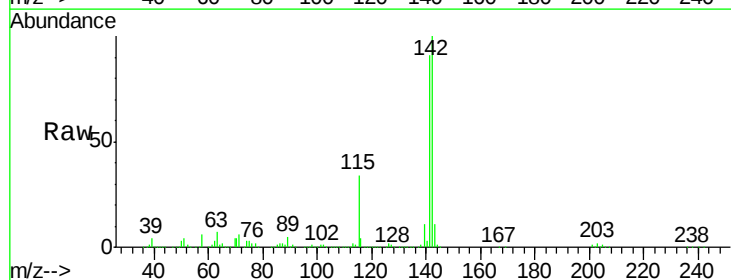
Manual Integrations
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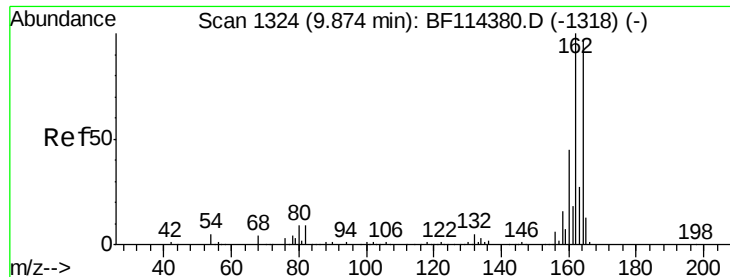
Sohil
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#38
1-Methylnaphthalene
Concen: 45.820 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:142 Resp: 1103515
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0
116 3.7 3.1 4.7





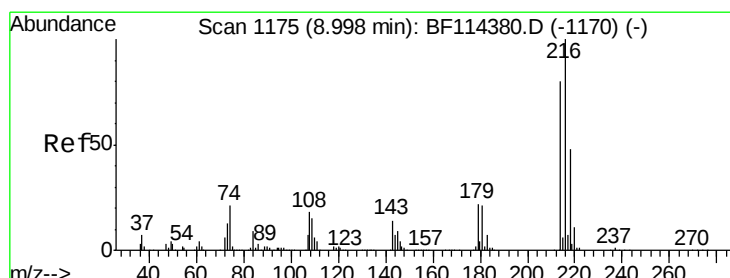
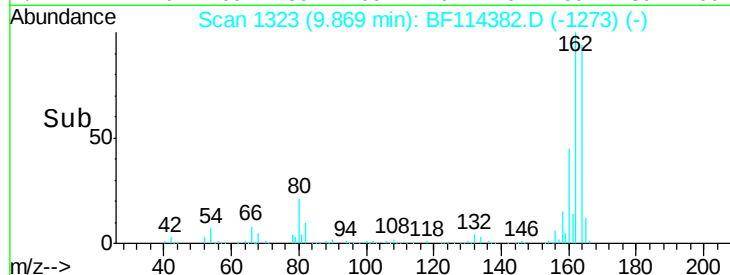
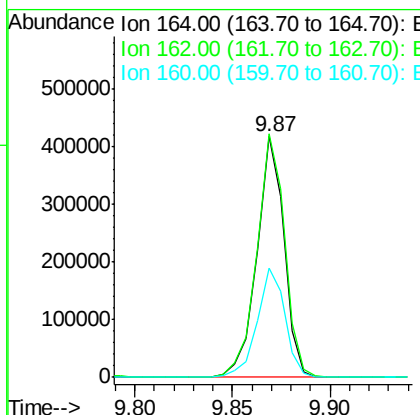
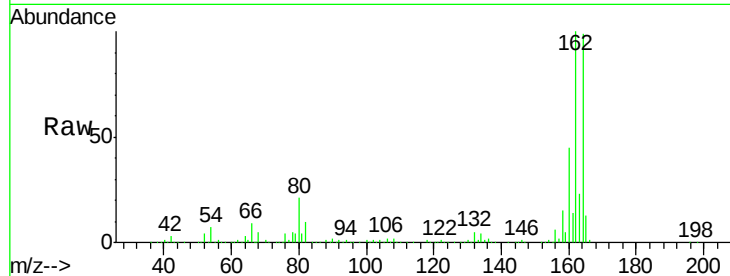
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampled :
PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	402139		
162	101.2	80.6	120.8	
160	45.7	36.5	54.7	

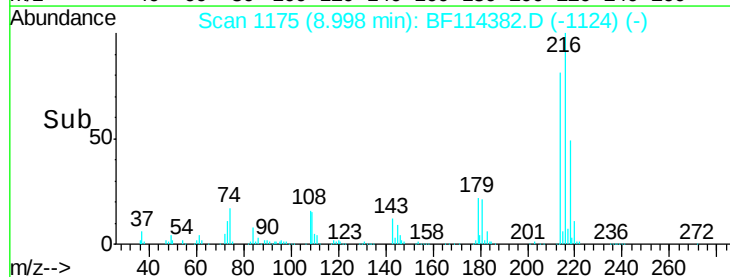
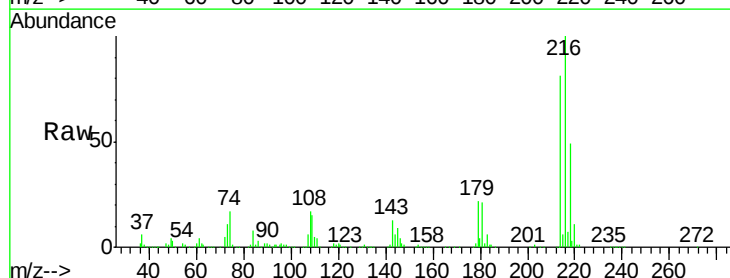
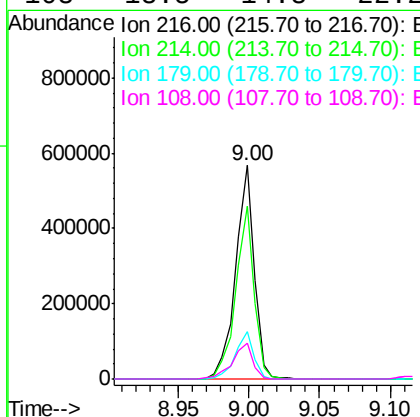
Manual Integrations
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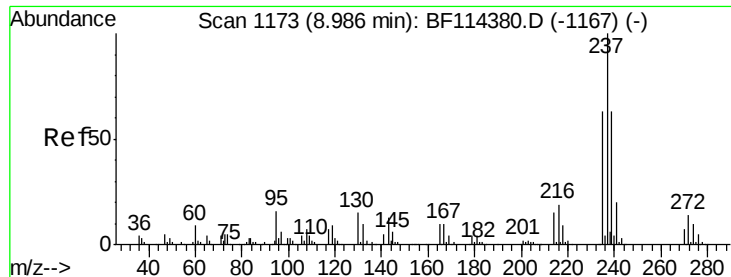
Sohil
5/21/2019 7:17:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.783 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	521169		
214	79.7	63.9	95.9	
179	21.7	17.0	25.6	
108	18.5	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 37.991 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

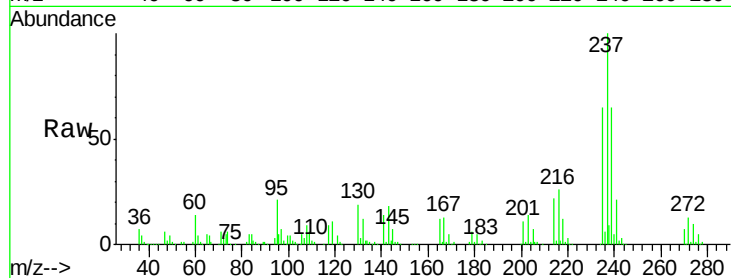
ClientSampleId :

PB119779BSD

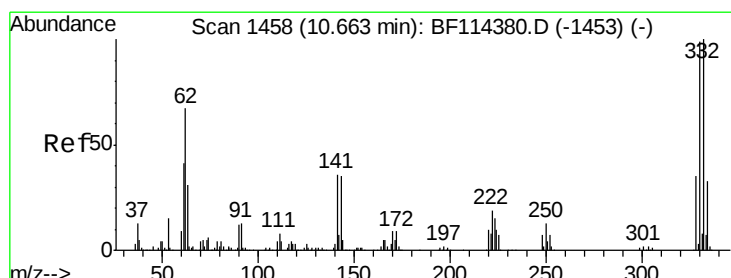
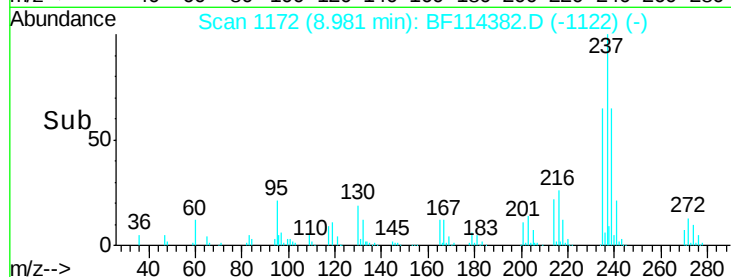
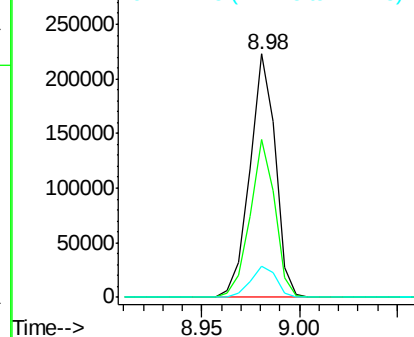
Tgt Ion:	237	Resp:	201982
Ion Ratio		Lower	Upper
237	100		
235	65.0	42.0	82.0
272	12.7	0.0	32.4

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.510 ng

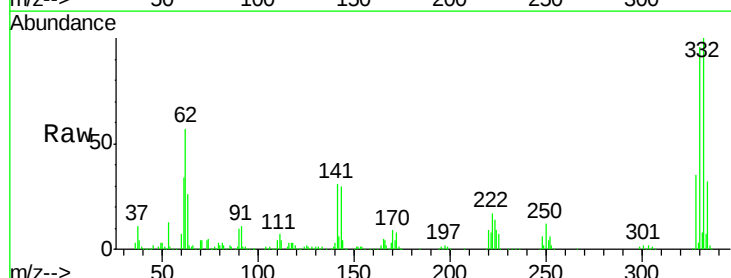
RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

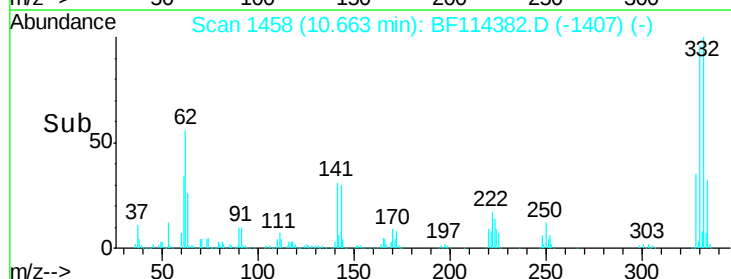
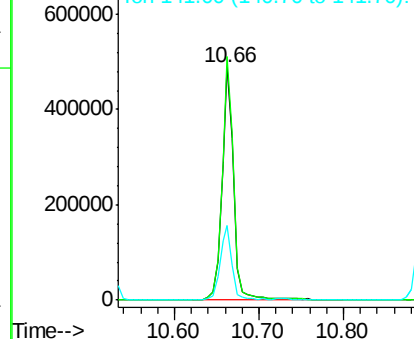
Lab File: BF114382.D

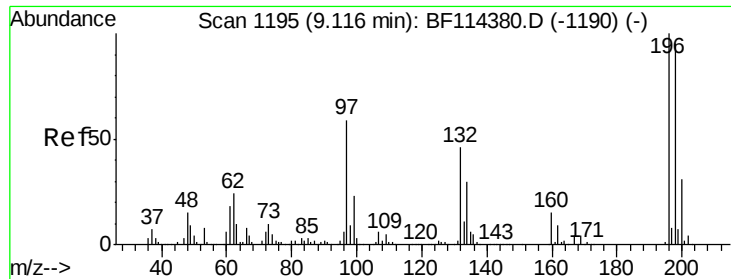
Acq: 18 May 2019 11:18

Tgt Ion:	330	Resp:	484385
Ion Ratio		Lower	Upper
330	100		
332	102.2	81.4	122.2
141	32.6	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





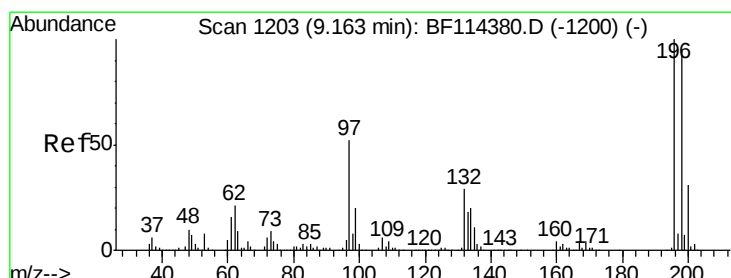
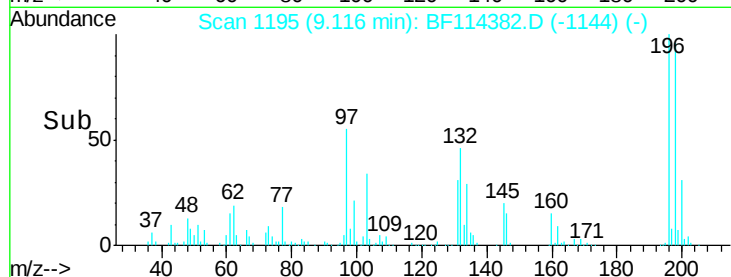
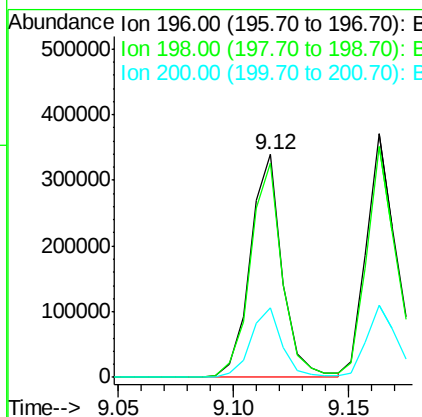
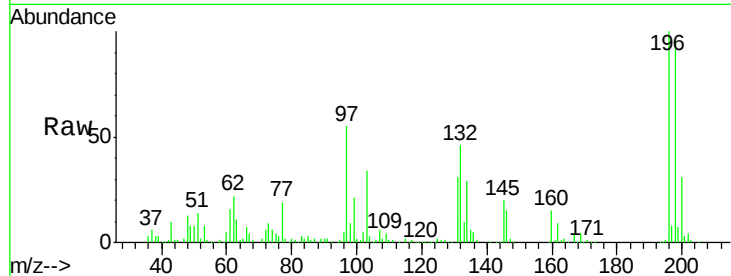
#43
 2,4,6-Trichlorophenol
 Concen: 39.165 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion:	196	Resp:	328159
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.9	113.9
200	31.4	23.5	35.3

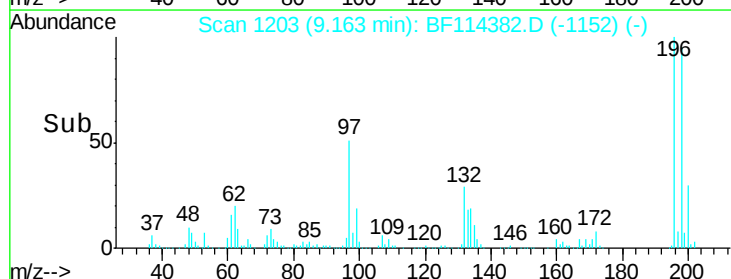
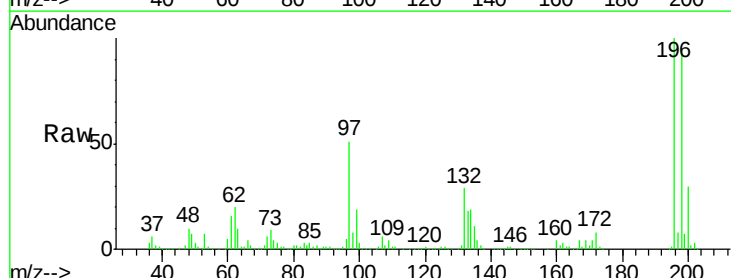
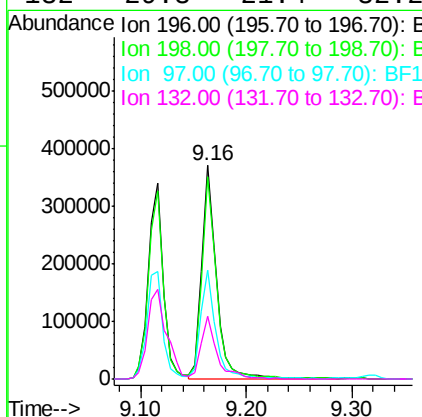
Manual Integrations
 APPROVED

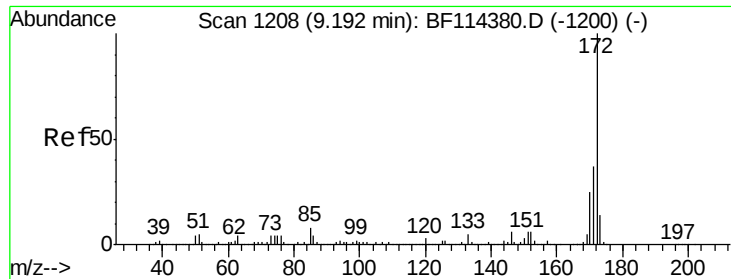
Sohil
 5/21/2019 7:17:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.275 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion:	196	Resp:	354675
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.7	116.5
97	51.2	38.2	57.2
132	29.3	21.4	32.2





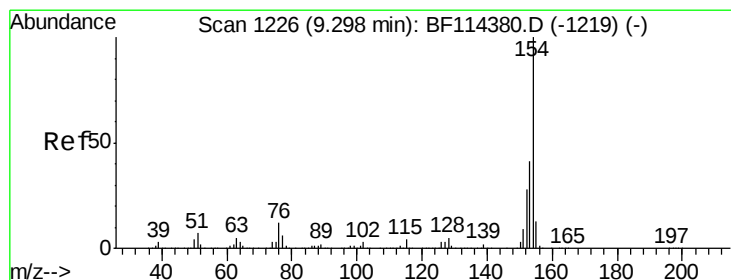
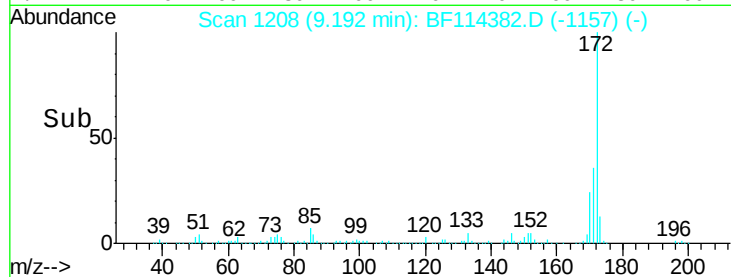
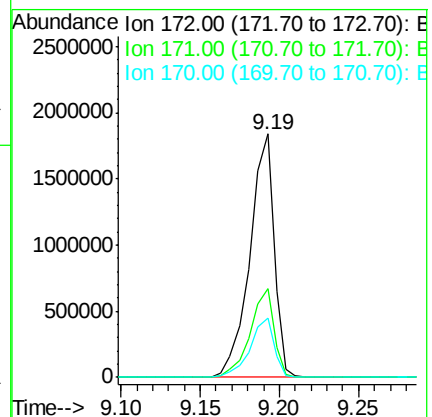
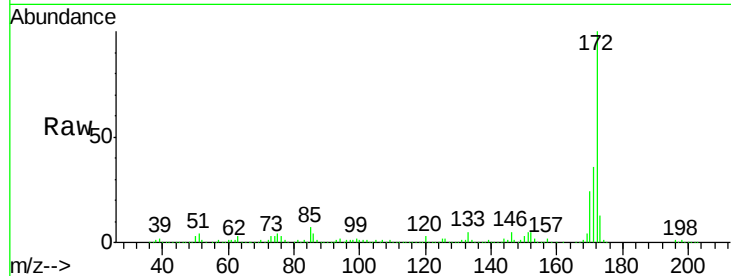
#45
2-Fluorobiphenyl
Concen: 73.452 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.7	46.1
170	24.2	20.5	30.7

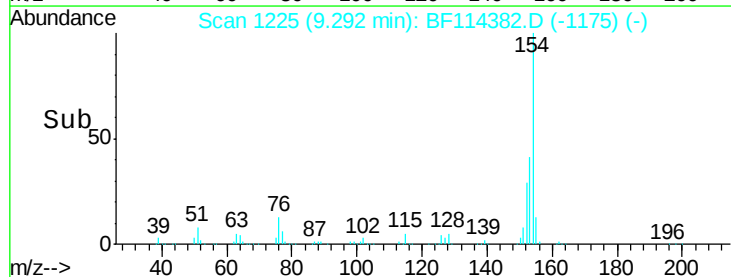
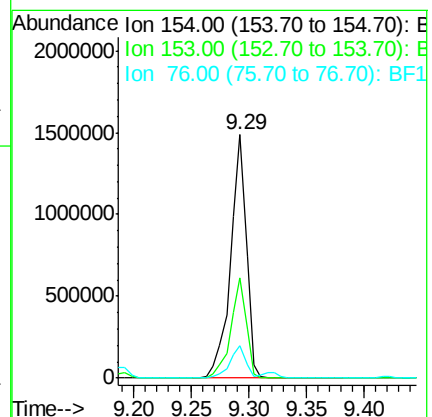
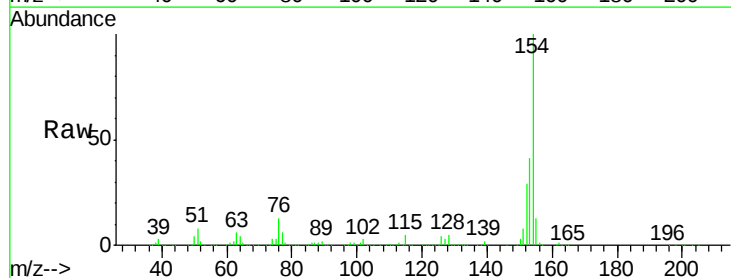
Manual Integrations
APPROVED

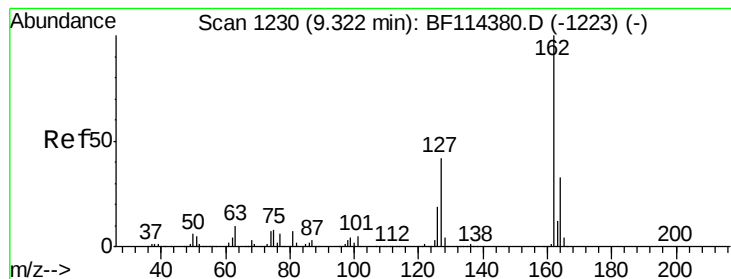
Sohil
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#46
1,1'-Biphenyl
Concen: 43.245 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.9	61.9
76	13.2	0.0	32.8





#47

2-Chloronaphthalene

Concen: 41.012 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampled :

PB119779BSD

Tgt Ion:162 Resp: 1072287

Ion Ratio Lower Upper

162 100

127 38.8 34.0 51.0

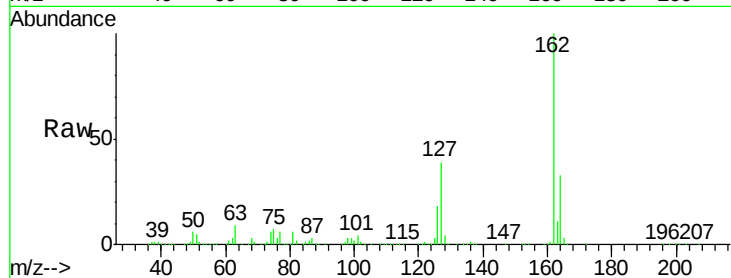
164 32.7 26.7 40.1

Manual Integrations

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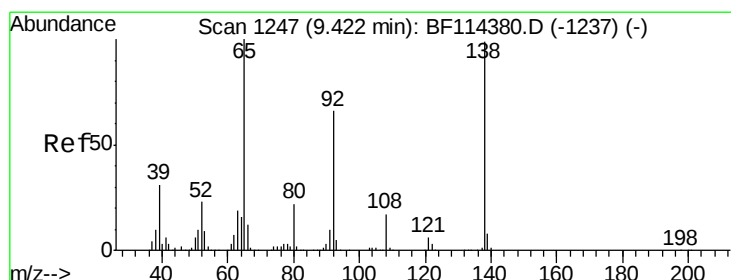
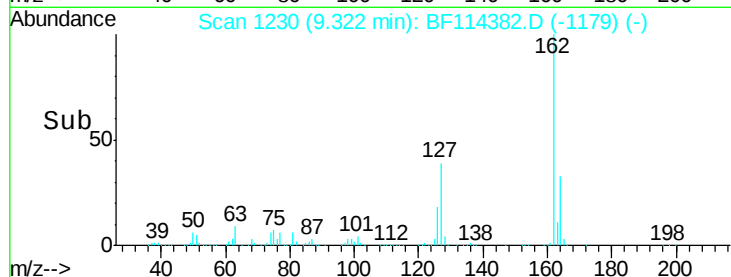
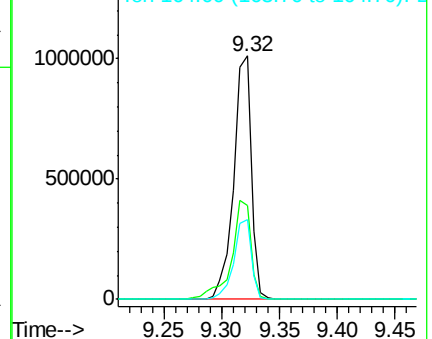
5/21/2019 7:17:06 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.141 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

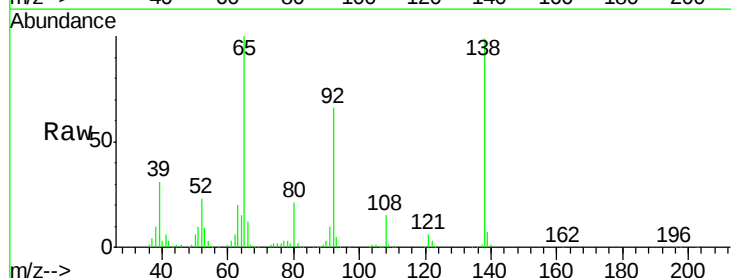
Tgt Ion: 65 Resp: 372202

Ion Ratio Lower Upper

65 100

92 66.2 53.9 80.9

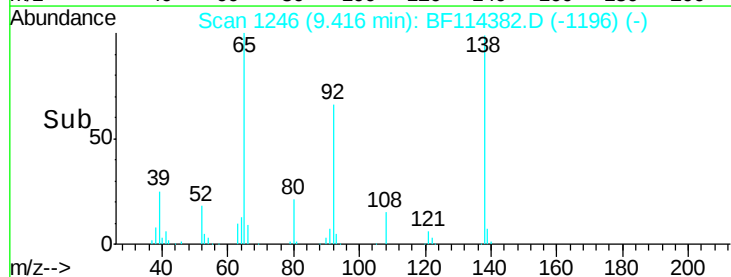
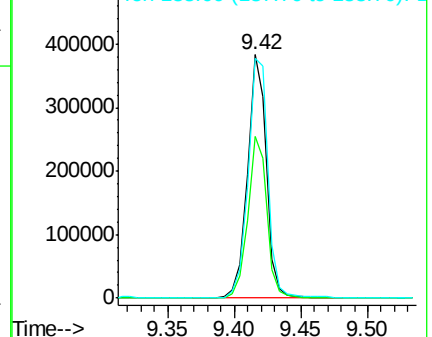
138 98.6 81.4 122.0

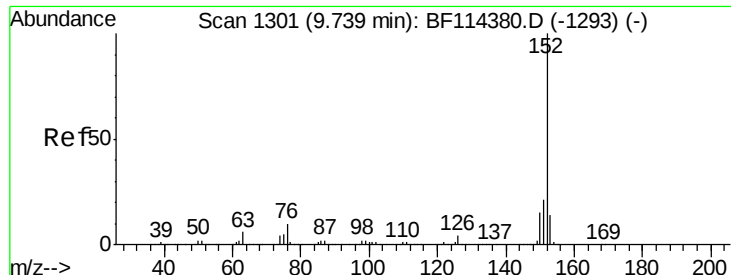


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





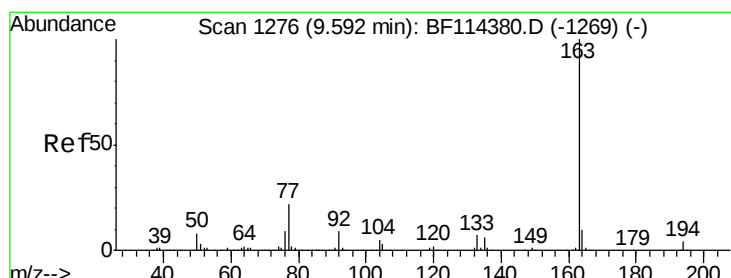
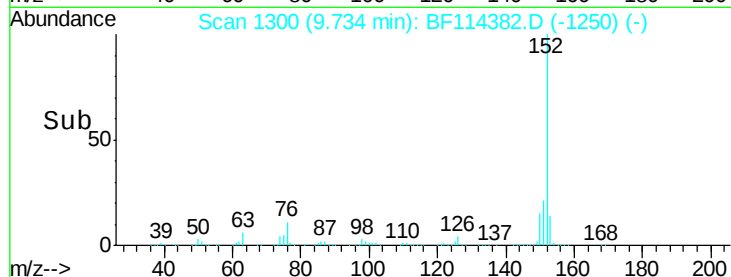
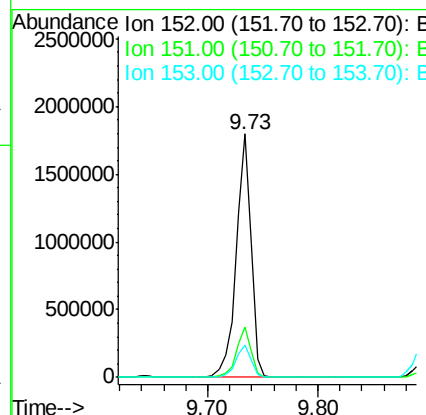
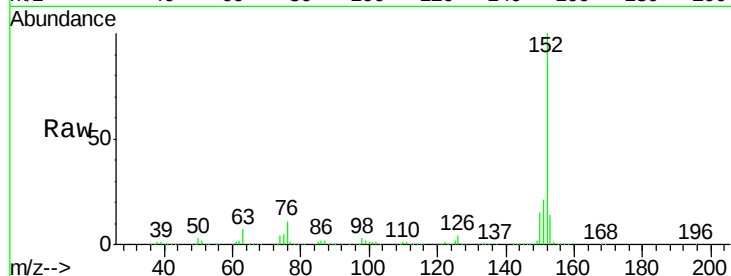
#49
Acenaphthylene
Concen: 42.688 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion:152 Resp: 1697506
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.6 11.4 17.2

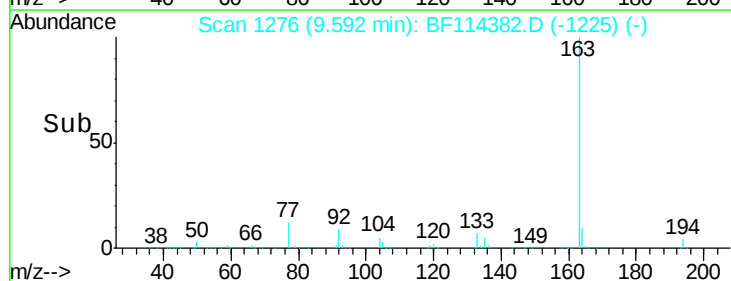
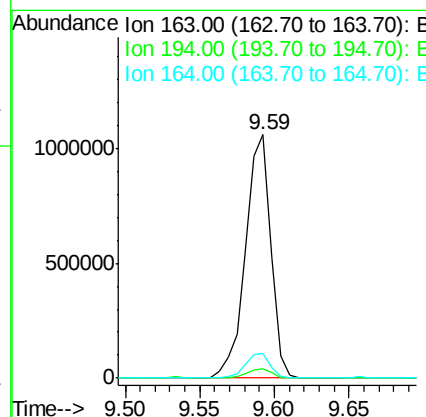
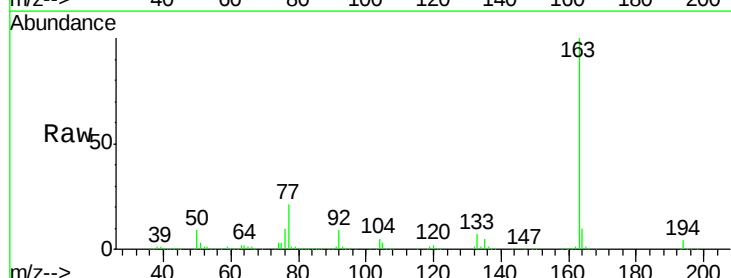
Manual Integrations
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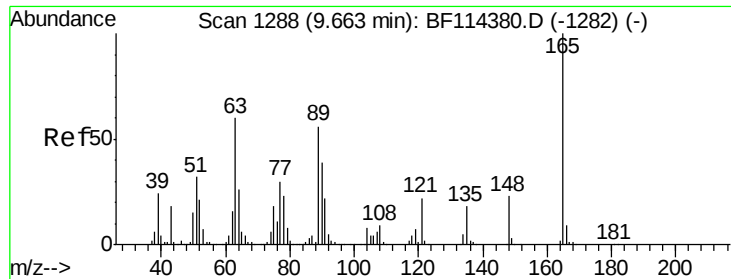
Sohil
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#50
Dimethylphthalate
Concen: 42.128 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:163 Resp: 1243643
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.2 12.2





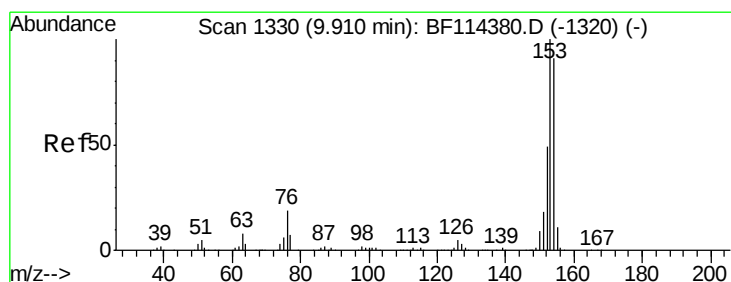
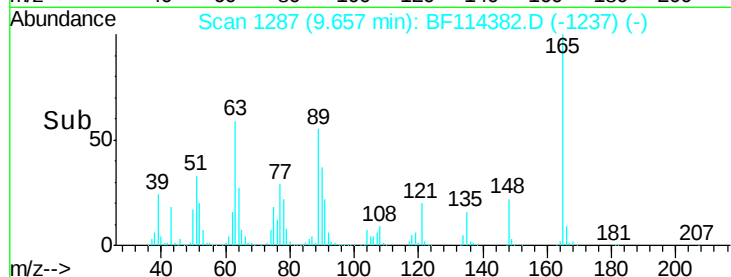
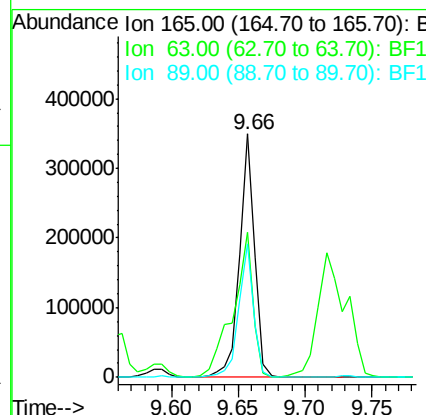
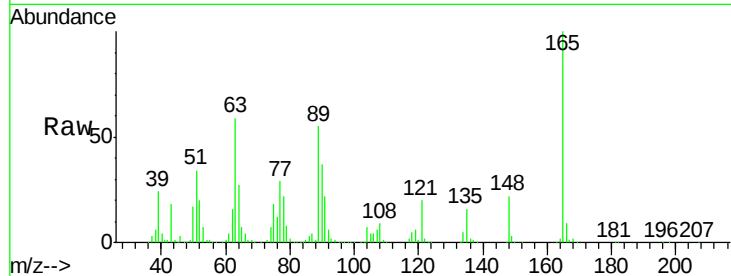
#51
 2,6-Dinitrotoluene
 Concen: 42.554 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	278627		
63	59.3	50.2	75.4	
89	55.0	46.6	69.8	

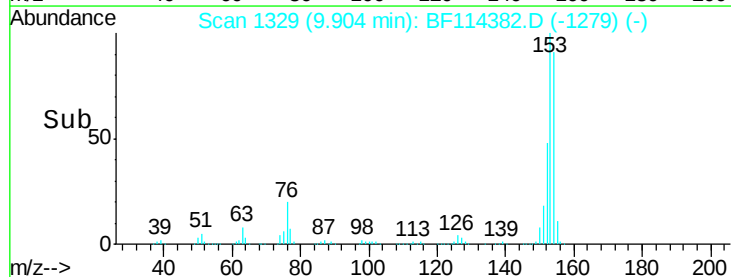
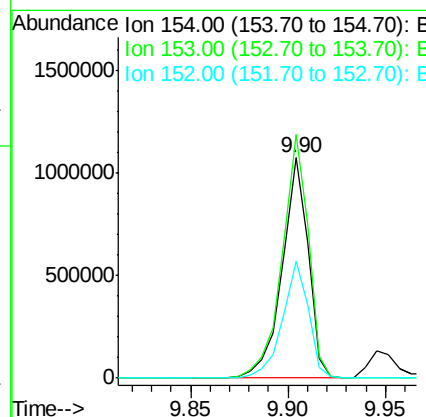
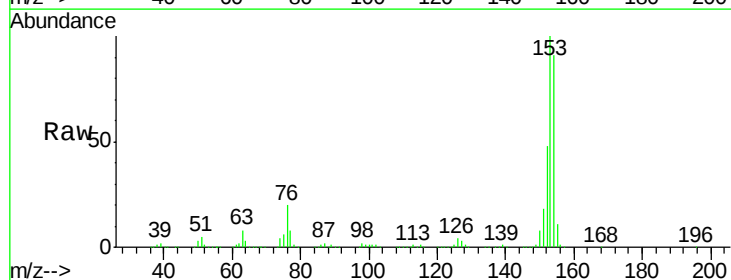
Manual Integrations
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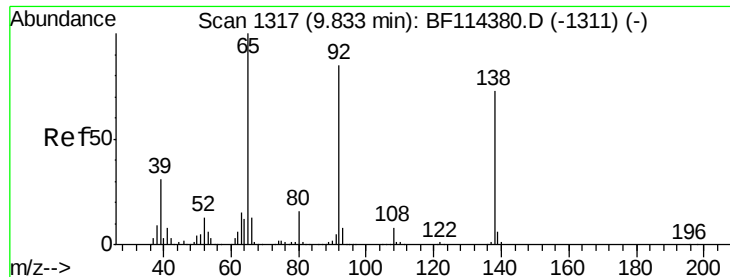
Sohil
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#52
 Acenaphthene
 Concen: 40.790 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	995350		
153	110.5	90.5	135.7	
152	53.3	43.4	65.2	





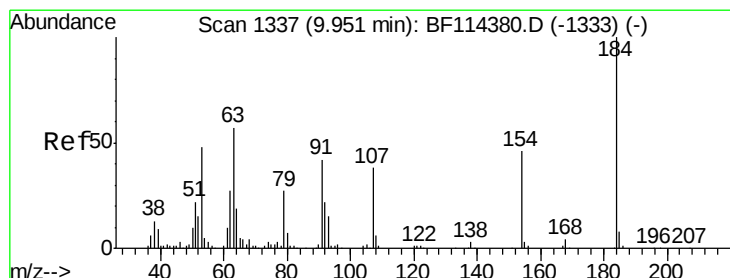
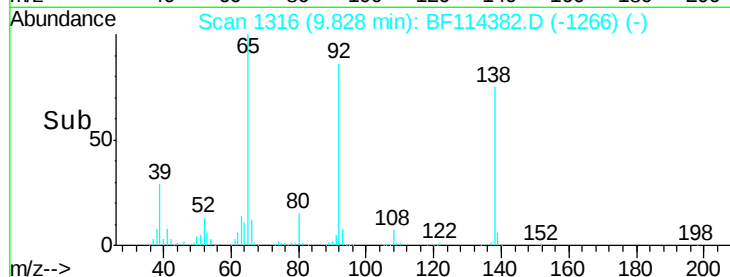
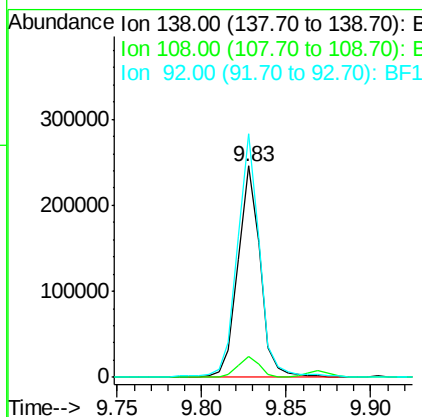
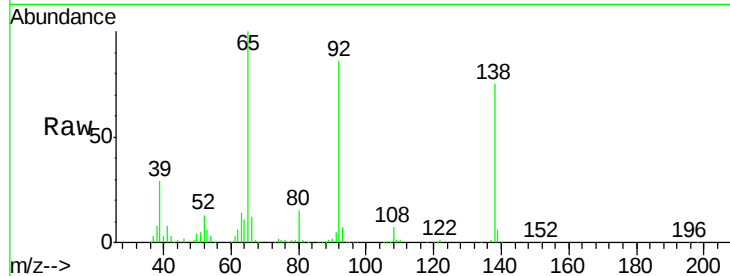
#53
3-Nitroaniline
Concen: 27.760 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	225635		
108	10.0	7.8	11.6	
92	115.1	91.2	136.8	

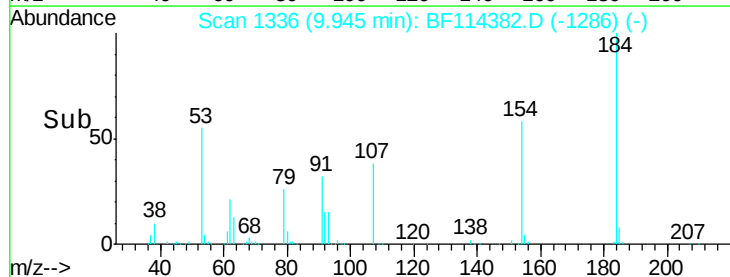
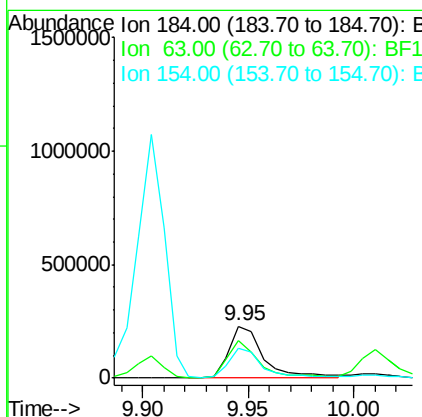
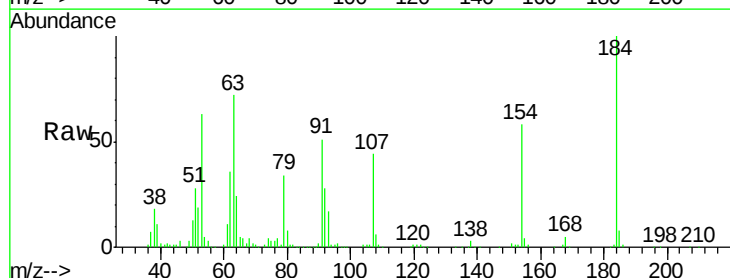
Manual Integrations
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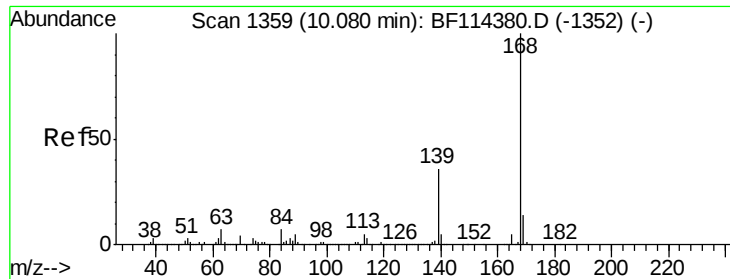
Sohil
5/21/2019 7:17:06 PM



#54
2,4-Dinitrophenol
Concen: 79.558 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	261803		
63	71.5	55.6	83.4	
154	57.9	46.0	69.0	





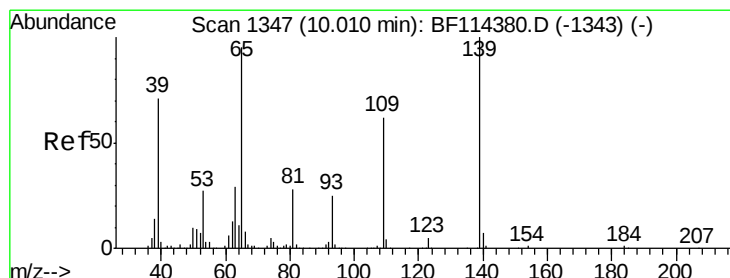
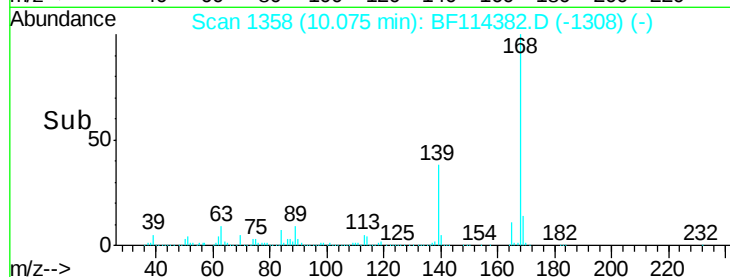
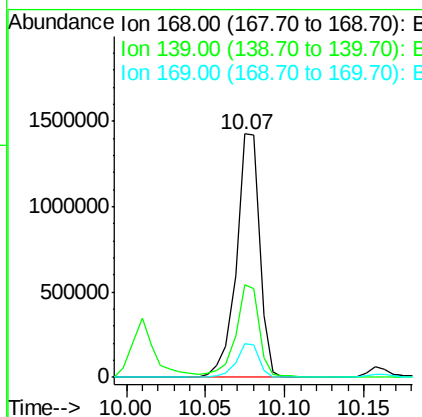
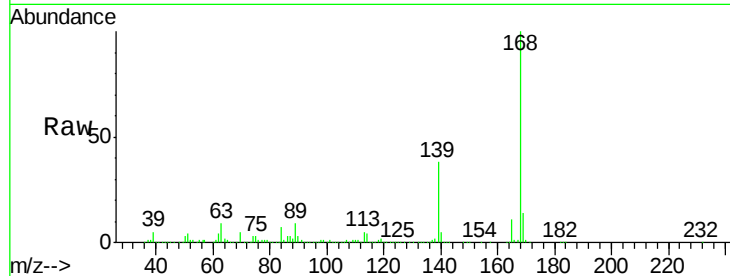
#55
Dibenzenofuran
Concen: 40.675 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.1	46.7
169	14.0	11.4	17.0

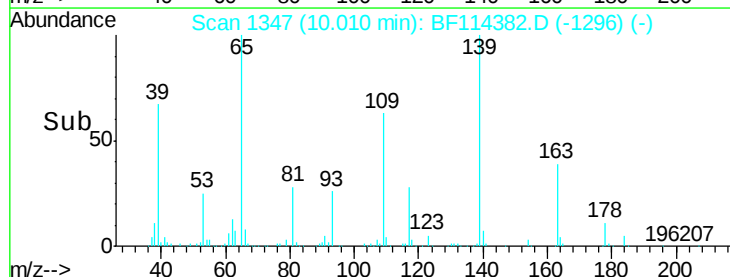
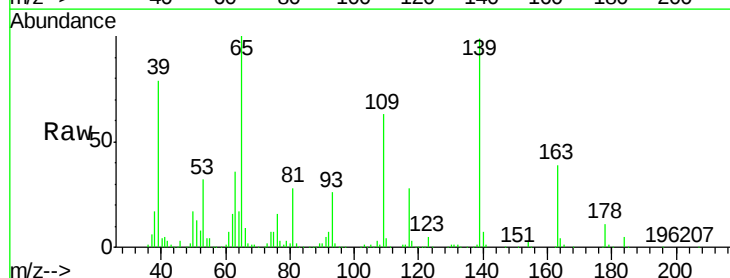
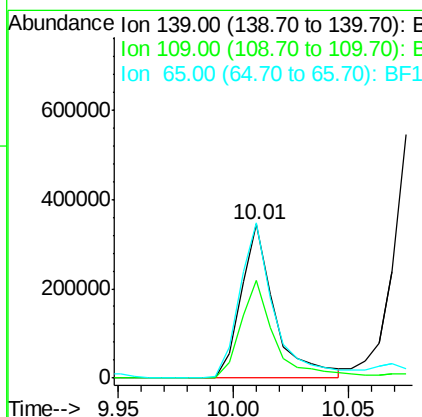
Manual Integrations
APPROVED

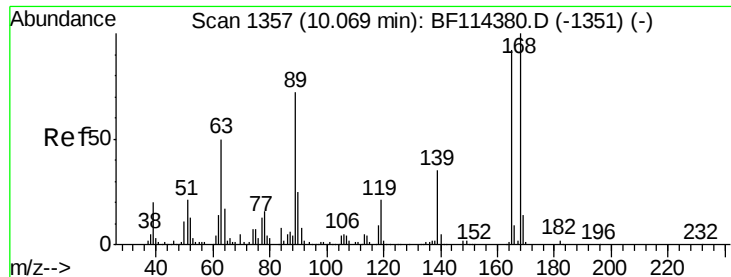
Sohil
5/21/2019 7:17:06 PM



#56
4-Nitrophenol
Concen: 61.442 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.3	43.9	83.9
65	100.9	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 39.886 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tgt Ion:165 Resp: 354470
Ion Ratio Lower Upper

165 100

63 53.1 35.5 53.3

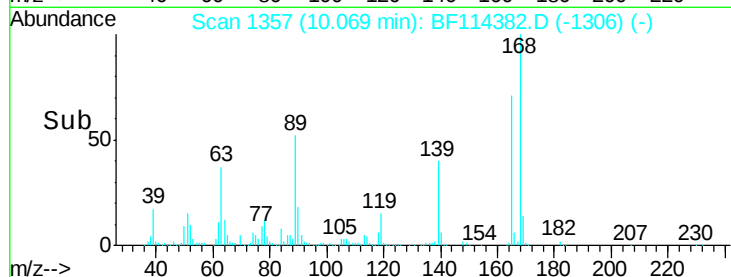
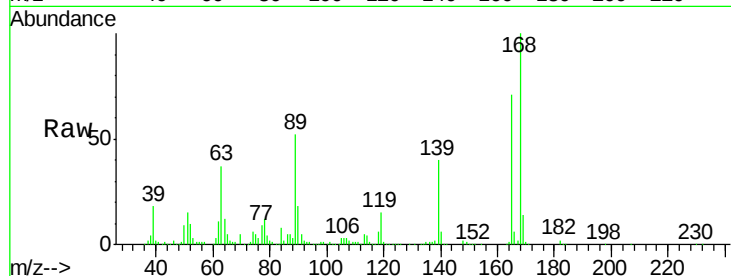
89 74.3 55.2 82.8

182 2.6 2.2 3.2

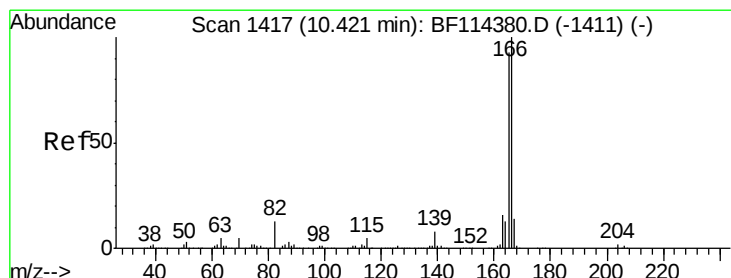
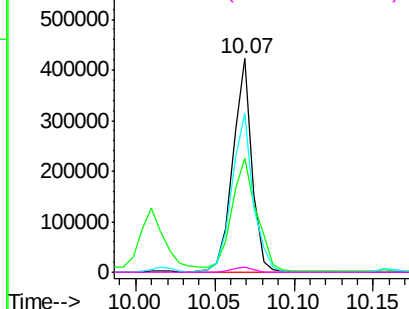
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.572 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114382.D

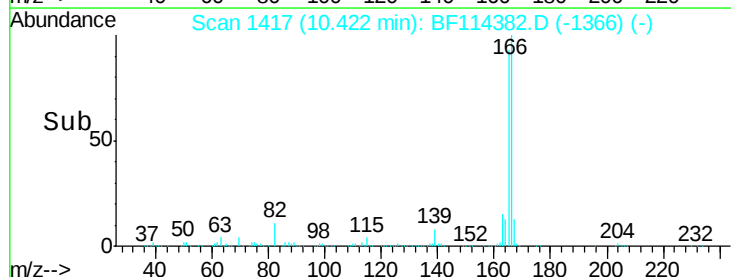
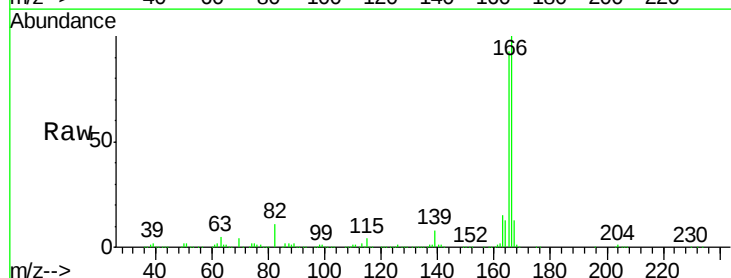
Acq: 18 May 2019 11:18

Tgt Ion:166 Resp: 1176626
Ion Ratio Lower Upper

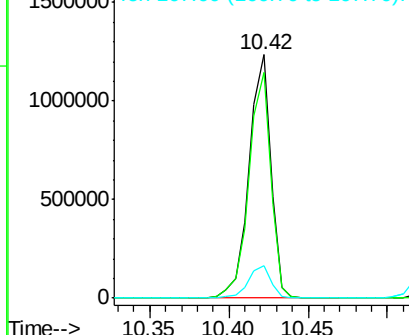
166 100

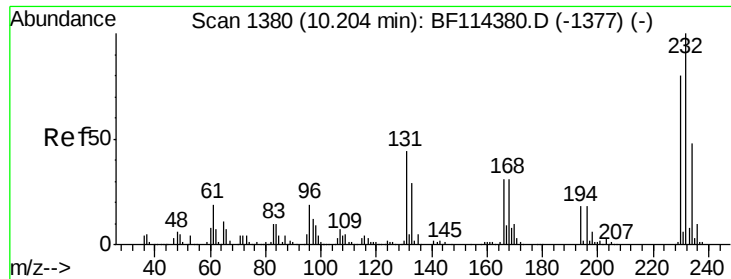
165 92.9 76.1 114.1

167 13.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





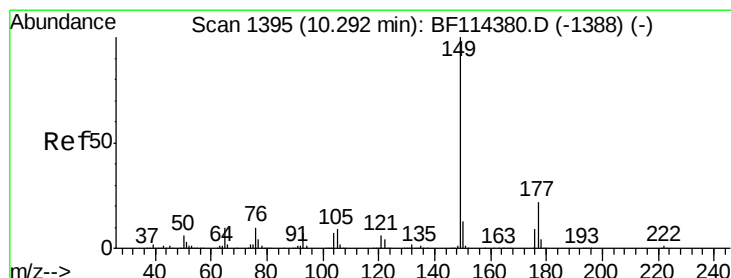
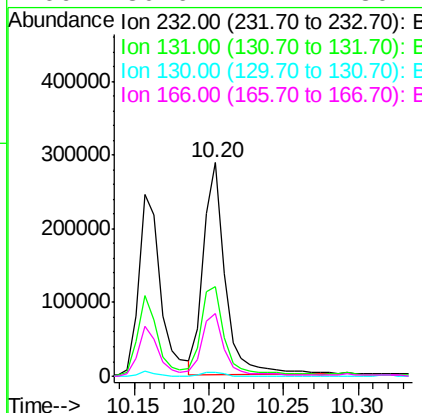
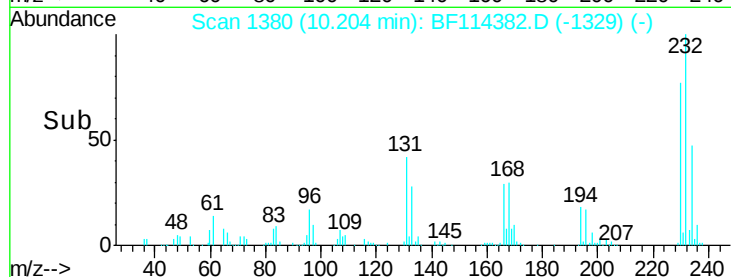
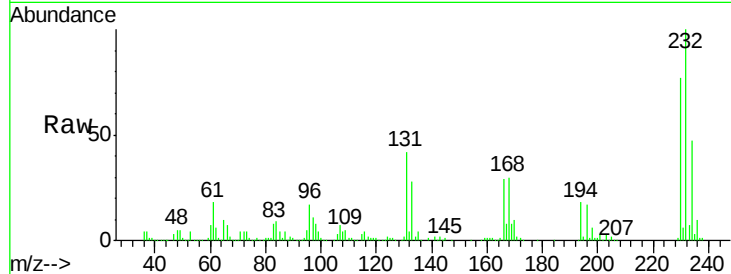
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.091 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	289837		
131	45.7	35.6	53.4	
130	2.3	1.6	2.4	
166	30.6	24.1	36.1	

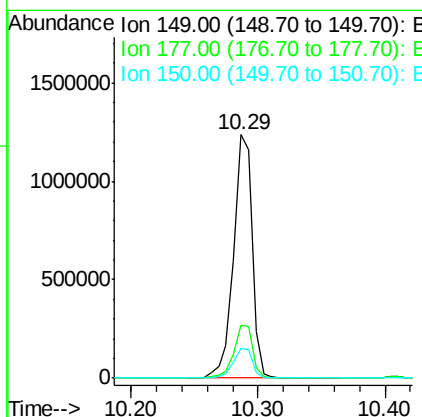
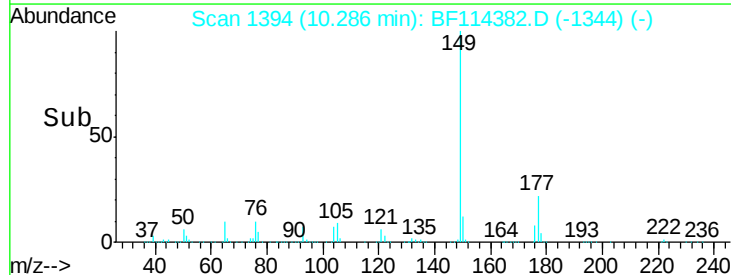
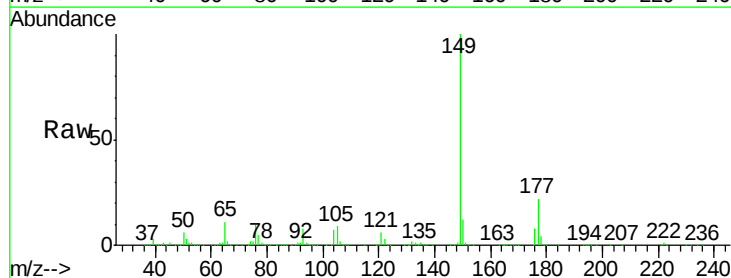
Manual Integrations
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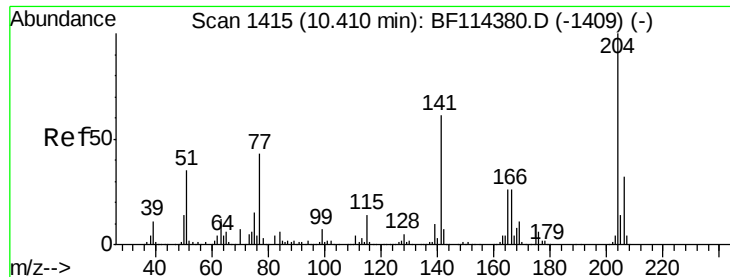
Sohil
 5/21/2019 7:17:06 PM



#60
 Diethylphthalate
 Concen: 41.402 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1241836		
177	21.6	17.8	26.6	
150	12.5	10.2	15.2	





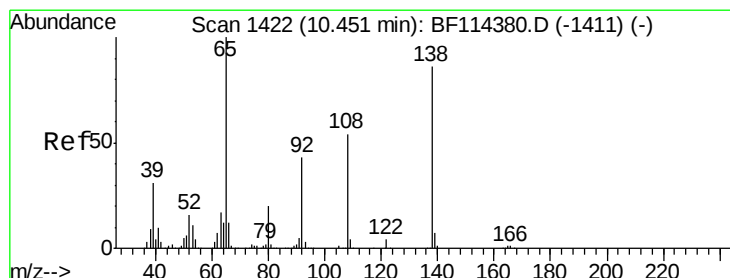
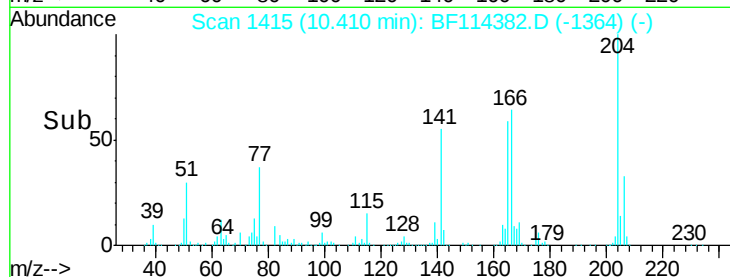
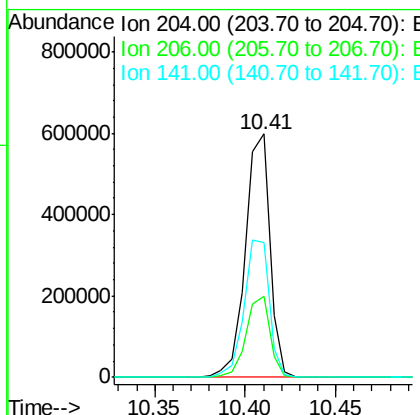
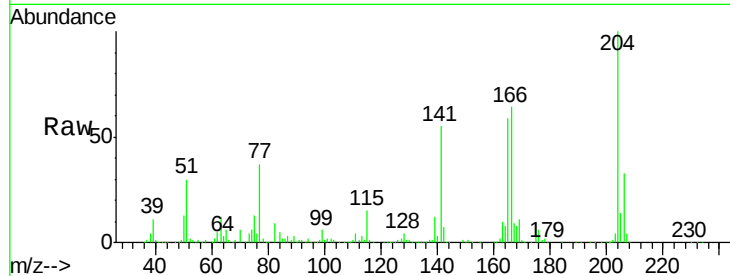
#61
 4-Chlorophenyl-phenylether
 Concen: 41.493 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	55.2	46.4	69.6

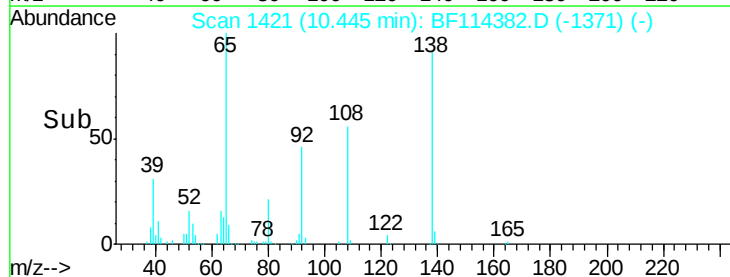
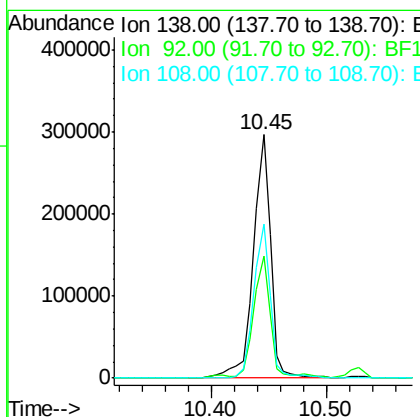
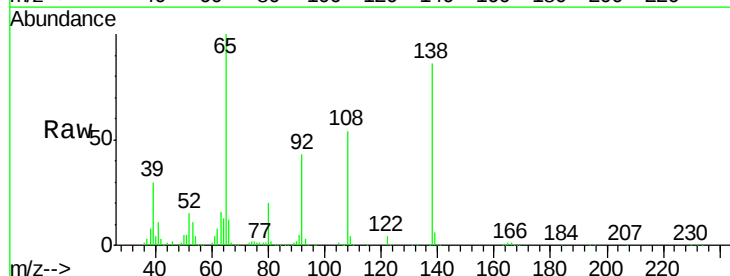
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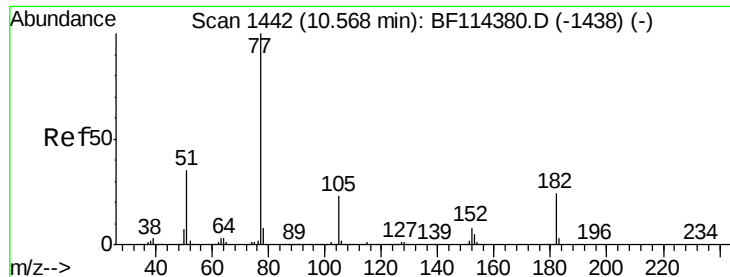
Sohil
 5/21/2019 7:17:06 PM



#62
 4-Nitroaniline
 Concen: 36.567 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	33.0	73.0
108	63.1	44.9	84.9





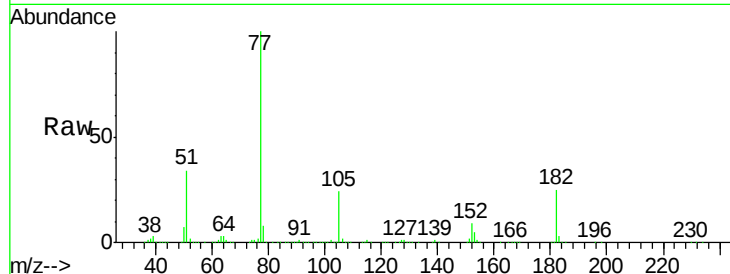
#63
Azobenzene
Concen: 41.834 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

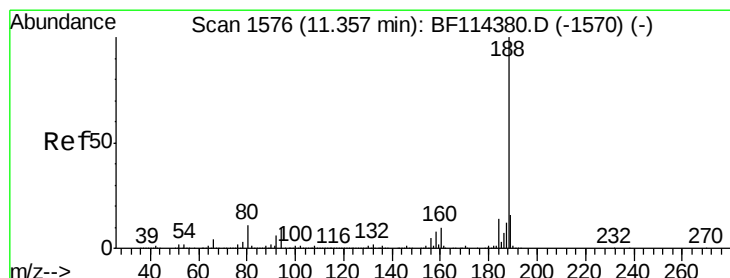
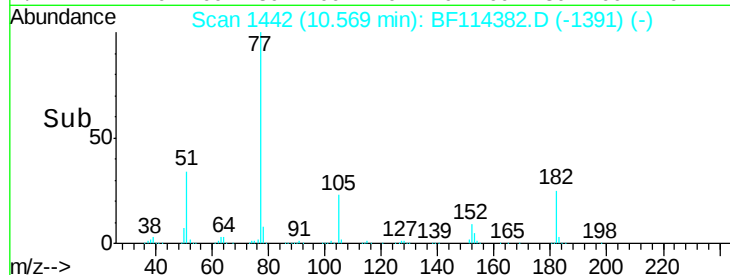
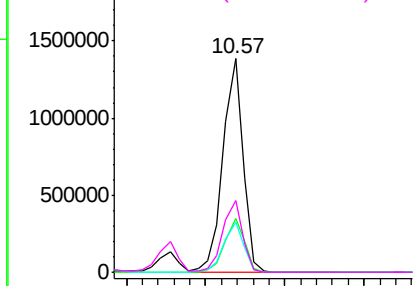
Tgt Ion: 77 Resp: 1214581
Ion Ratio Lower Upper
77 100
182 25.1 4.7 44.7
105 23.6 2.9 42.9
51 33.8 14.6 54.6

Manual Integrations
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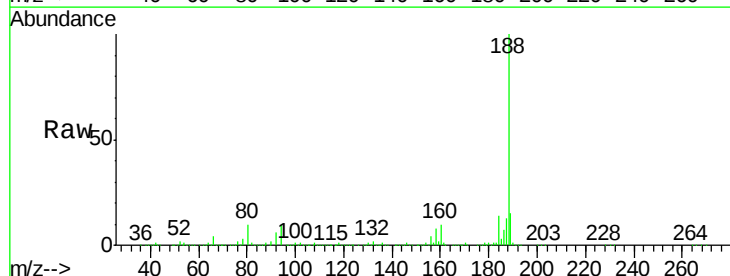


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

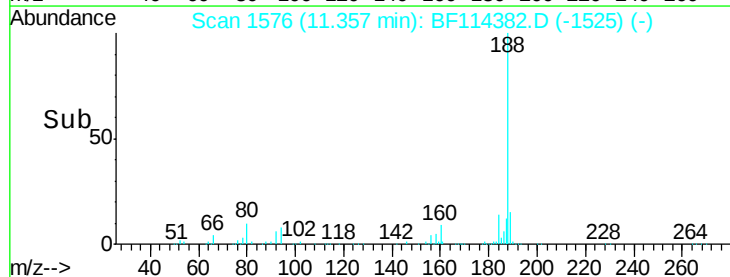
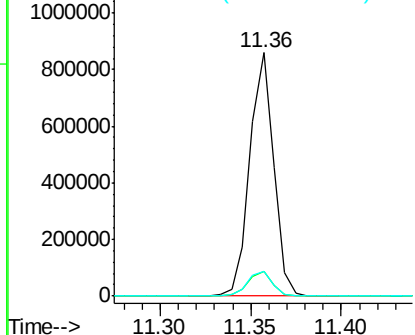


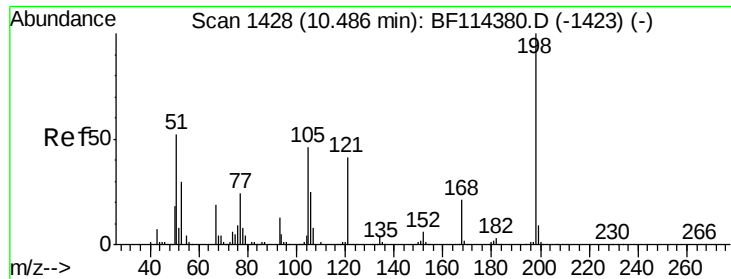
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion: 188 Resp: 788608
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





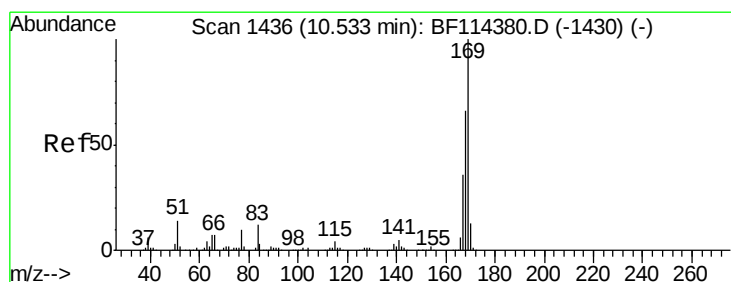
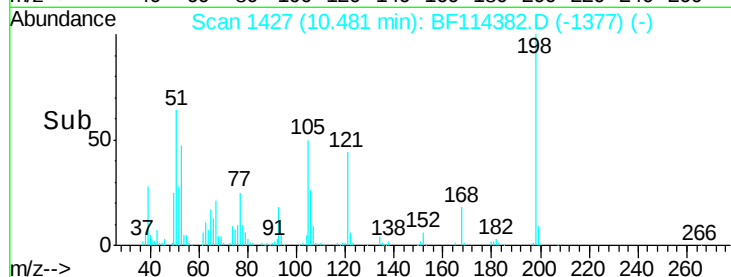
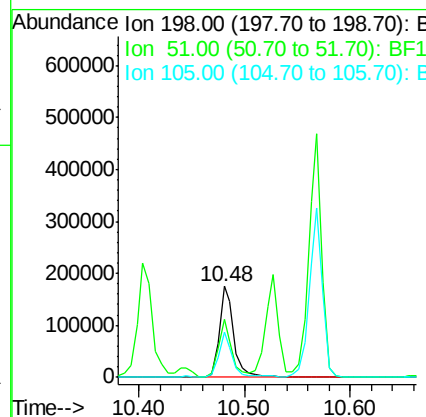
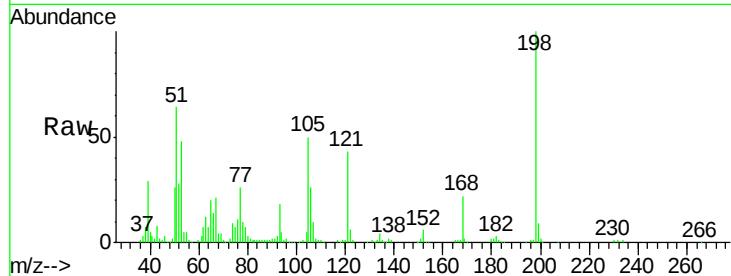
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.859 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	173777		
51	63.7	28.0	68.0	
105	49.8	21.1	61.1	

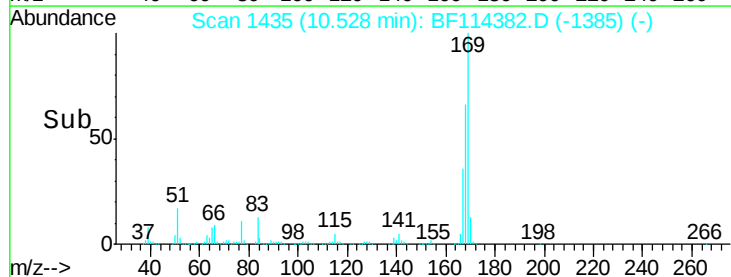
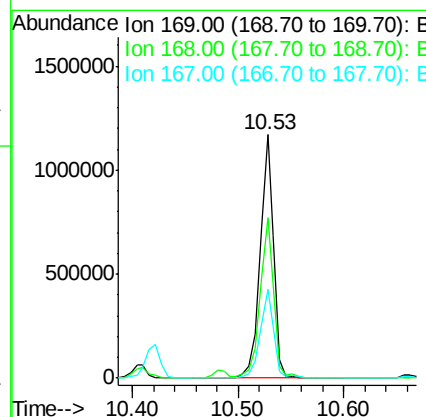
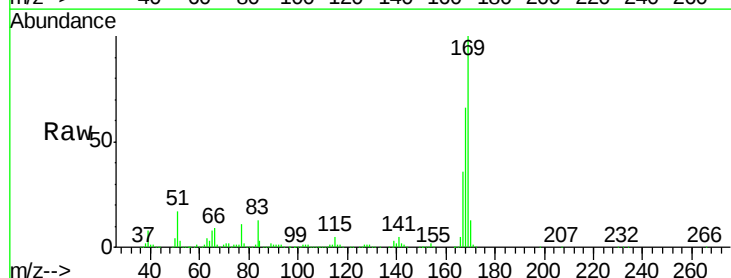
Manual Integrations
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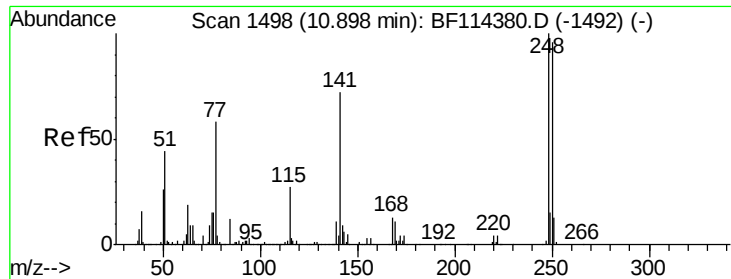
Sohil
 5/21/2019 7:17:06 PM



#66
 n-Nitrosodiphenylamine
 Concen: 44.086 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1055173		
168	66.1	54.2	81.2	
167	36.4	29.8	44.8	





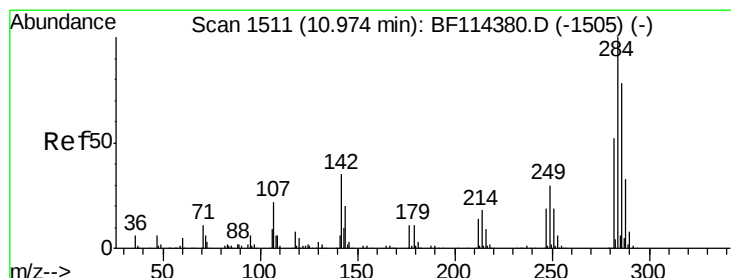
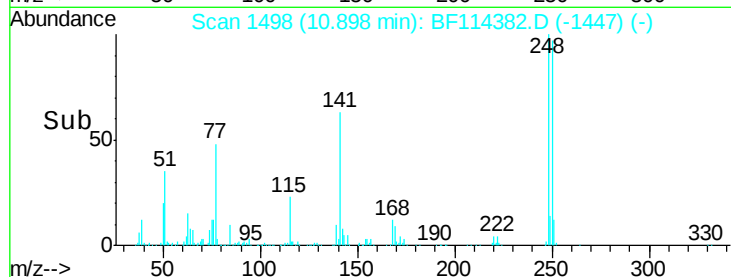
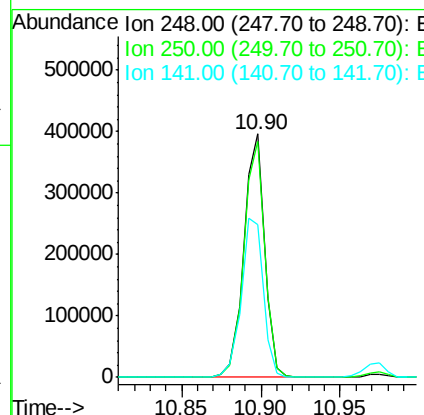
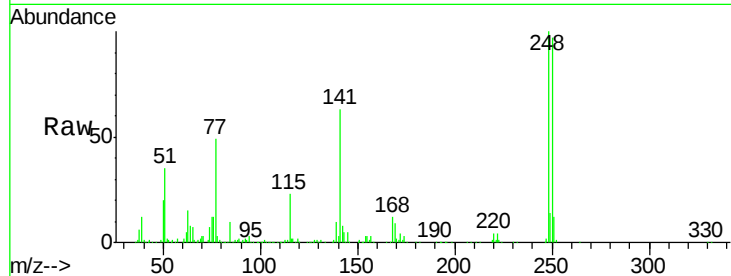
#67
4-Bromophenyl-phenylether
Concen: 41.393 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.2
141	62.6	55.6	83.4

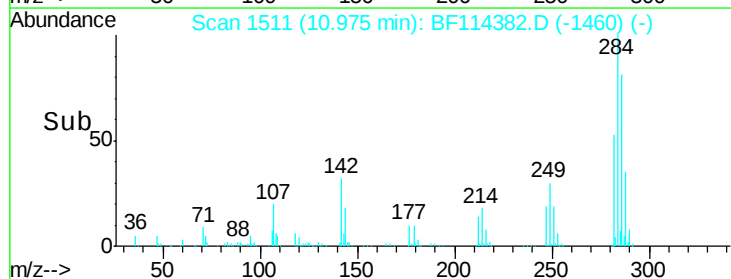
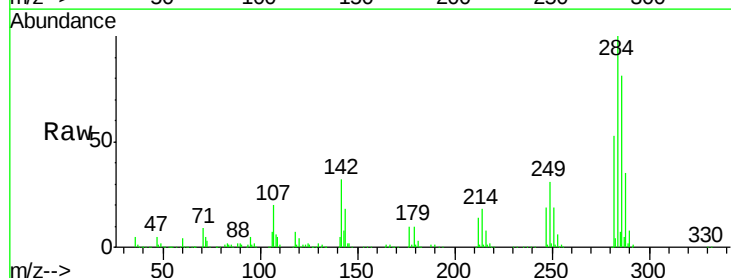
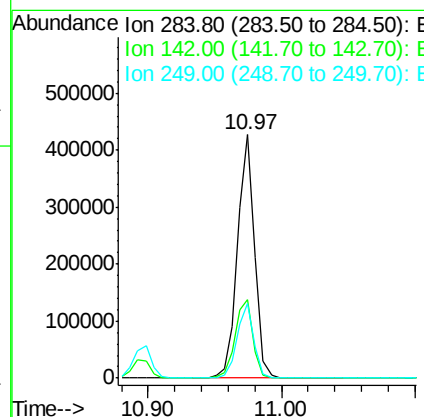
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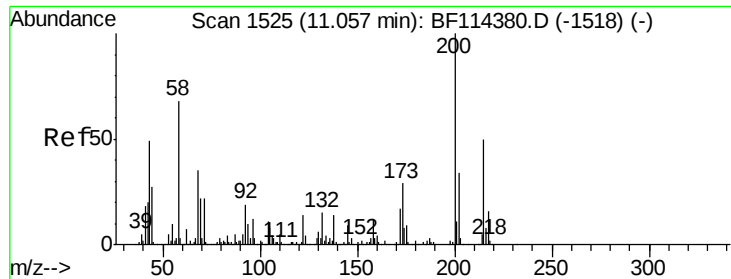
Sohil
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#68
Hexachlorobenzene
Concen: 40.166 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	28.4	42.6
249	30.6	25.2	37.8





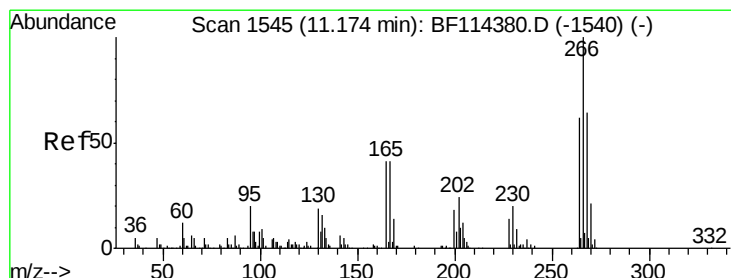
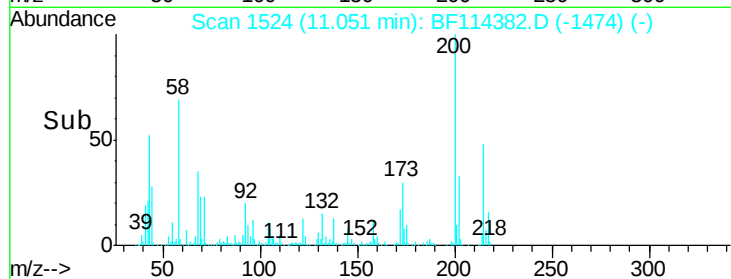
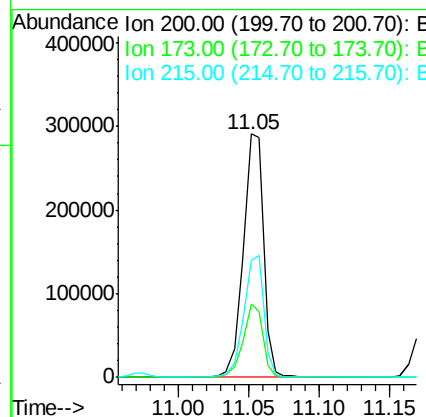
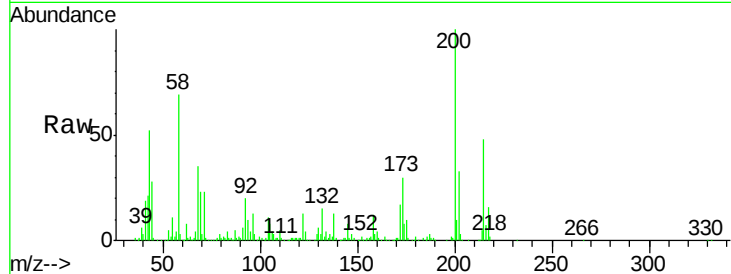
#69
 Atrazine
 Concen: 39.310 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.1	8.9	48.9
215	48.0	30.7	70.7

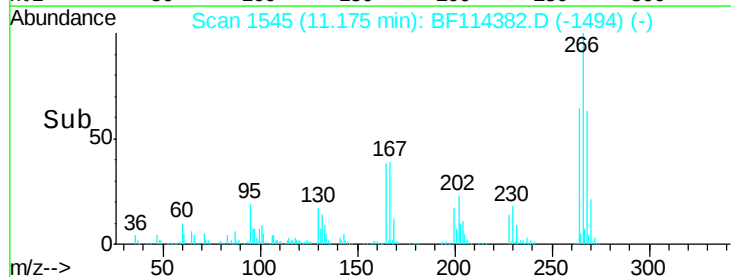
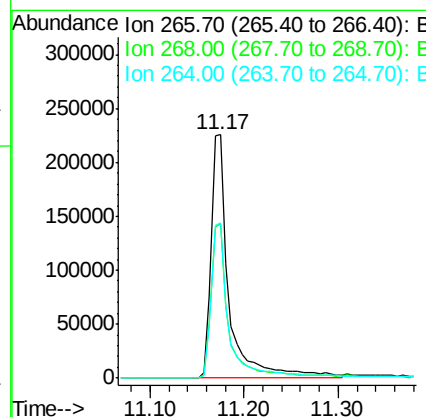
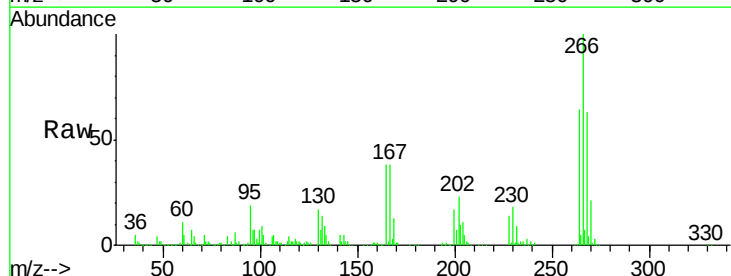
Manual Integrations
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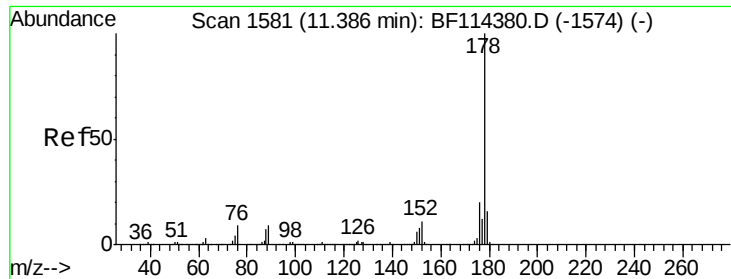
Sohil
 5/21/2019 7:17:06 PM



#70
 Pentachlorophenol
 Concen: 67.126 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.4	51.1	76.7
264	63.6	51.1	76.7





#71

Phenanthrene

Concen: 43.197 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampled :

PB119779BSD

Tgt Ion:178 Resp: 1657324

Ion Ratio Lower Upper

178 100

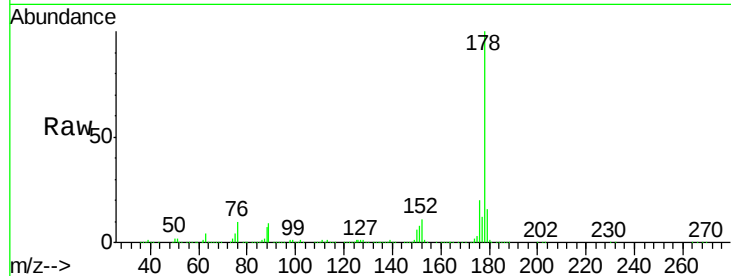
176 19.7 16.4 24.6

179 16.4 13.2 19.8

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Sohil

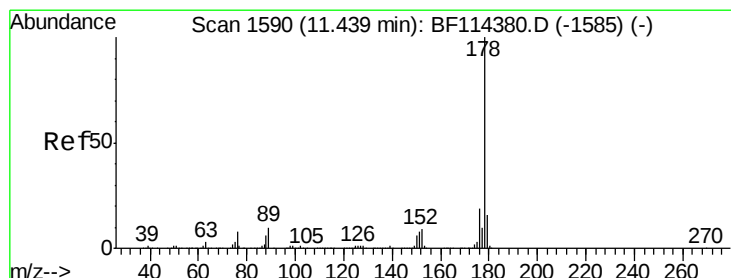
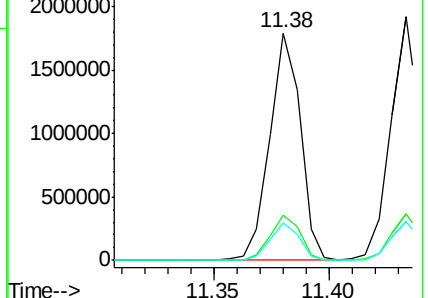
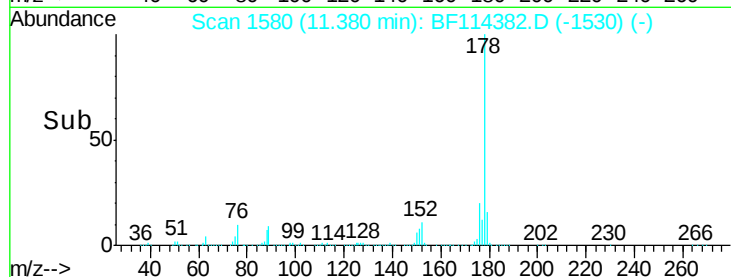
5/21/2019 7:17:06 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.448 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

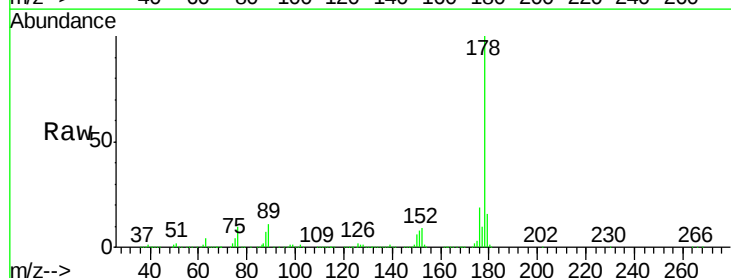
Tgt Ion:178 Resp: 1712847

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

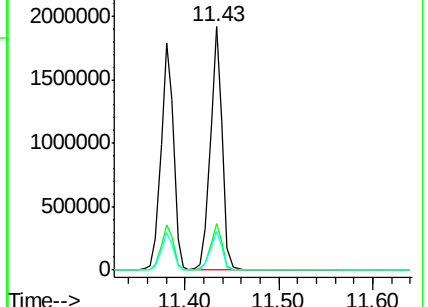
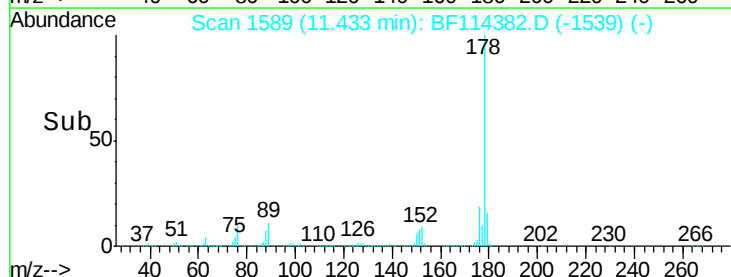
179 15.9 13.0 19.4

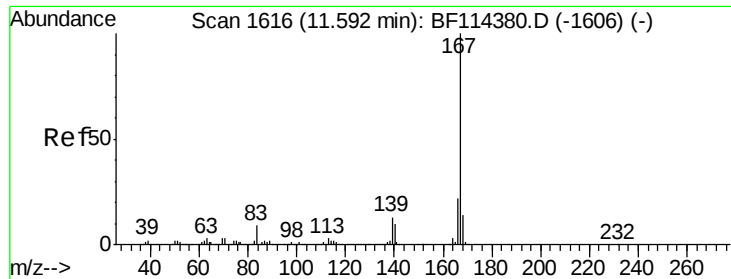


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





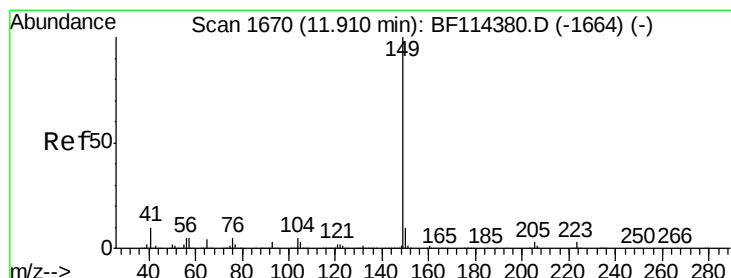
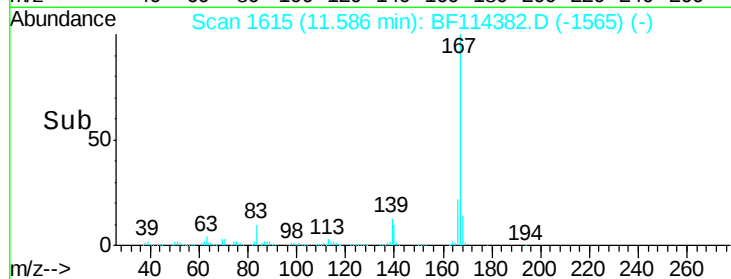
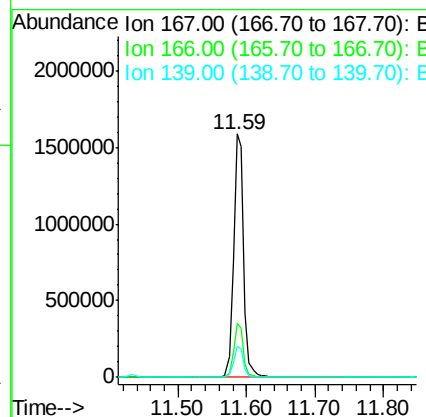
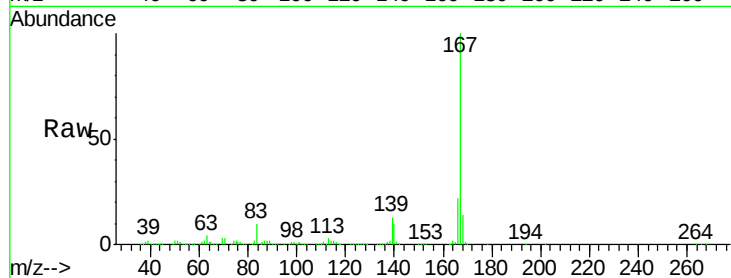
#73
 Carbazole
 Concen: 44.362 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.7	10.6	16.0

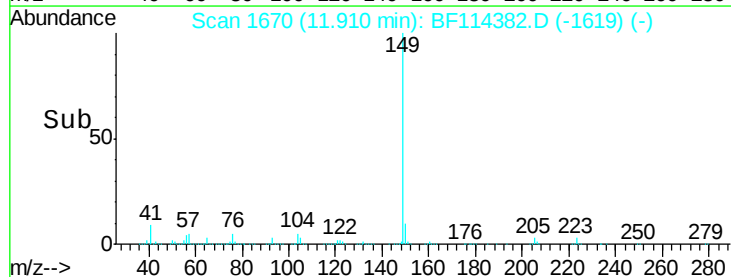
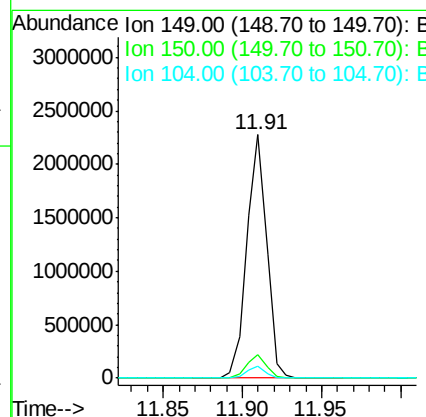
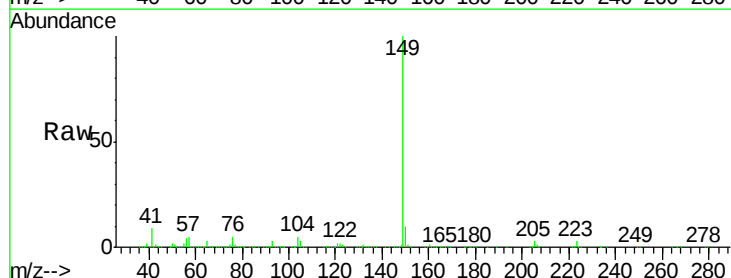
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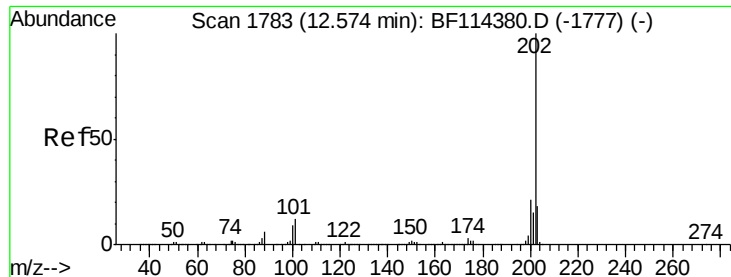
Sohil
 5/21/2019 7:17:06 PM



#74
 Di-n-butylphthalate
 Concen: 46.500 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 43.832 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

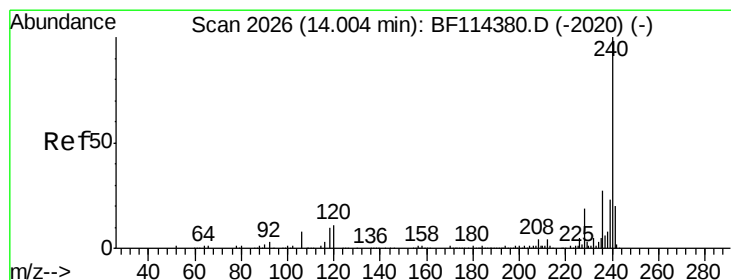
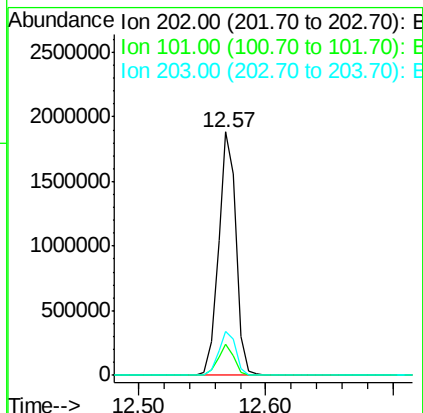
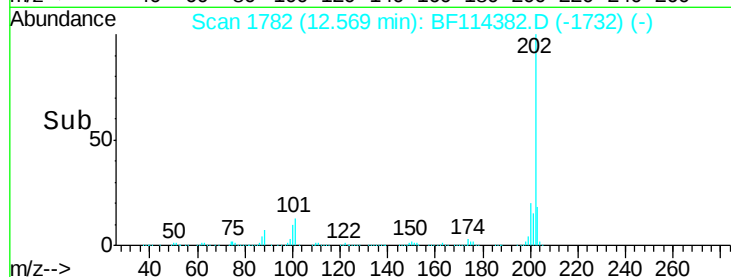
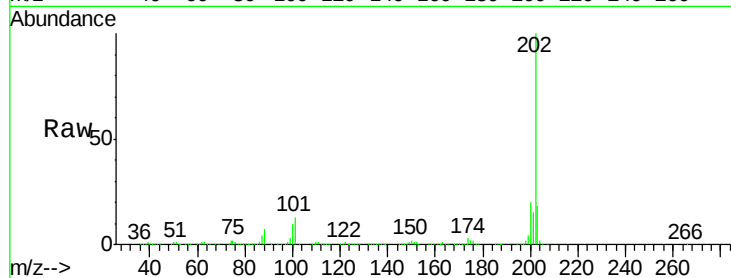
ClientSampleID :

PB119779BSD

Tgt Ion:	202	Resp:	1810966
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	31.0
203	17.9	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

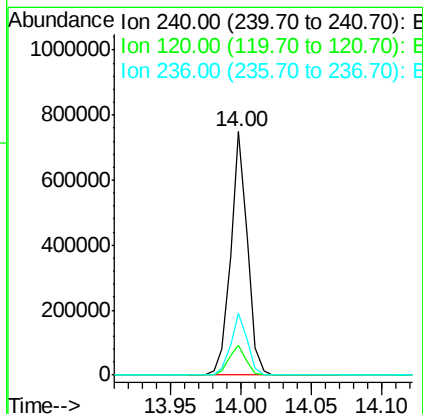
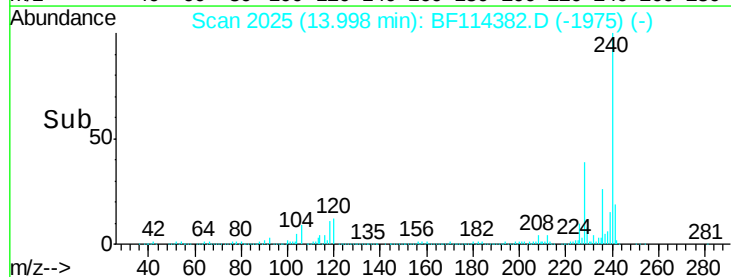
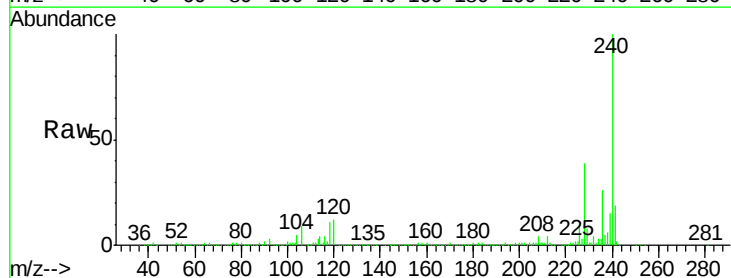
RT: 14.00 min Scan# 2025

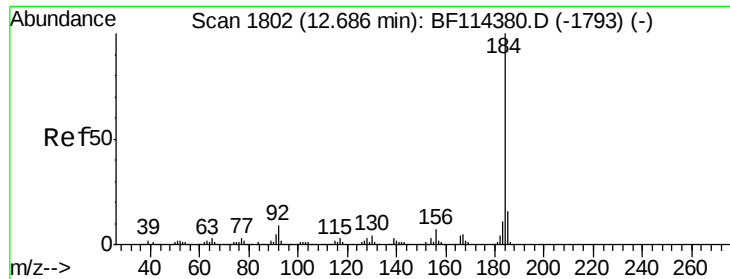
Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Tgt Ion:	240	Resp:	611391
Ion Ratio	Lower	Upper	
240	100		
120	12.2	8.3	12.5
236	25.5	20.8	31.2





#77

Benzidine

Concen: 17.590 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

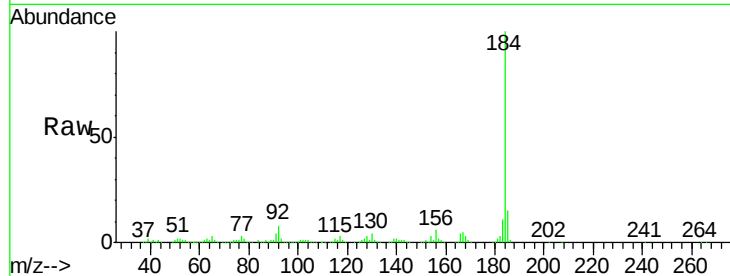
ClientSampleId :

PB119779BSD

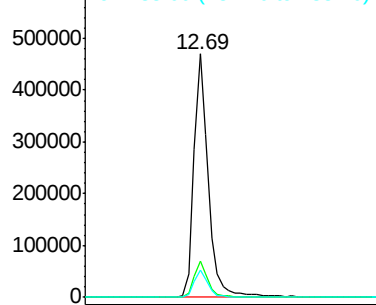
Tgt Ion:	184	Resp:	482734
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.0	9.2	13.8

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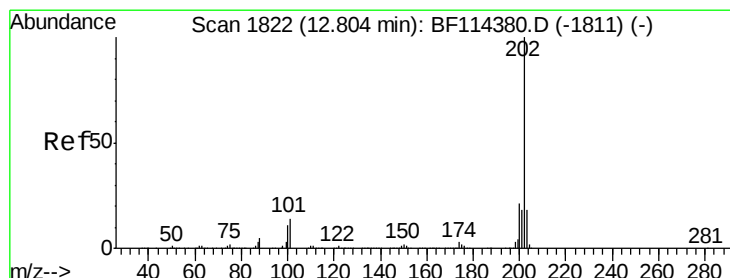
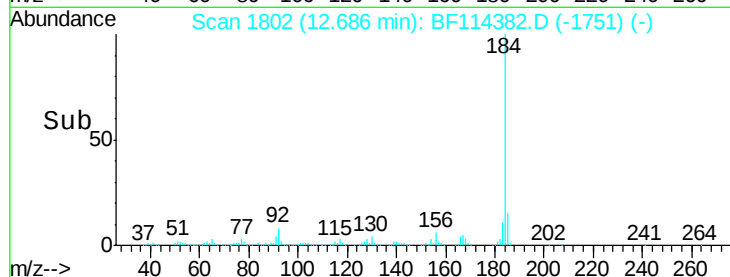
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80



#78

Pyrene

Concen: 37.616 ng

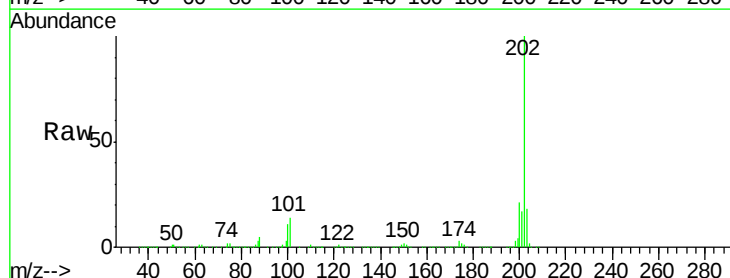
RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

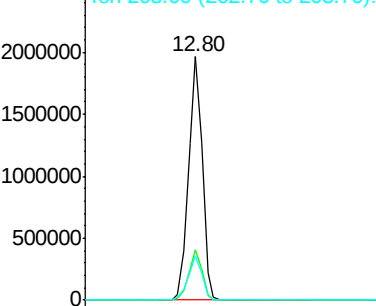
Lab File: BF114382.D

Acq: 18 May 2019 11:18

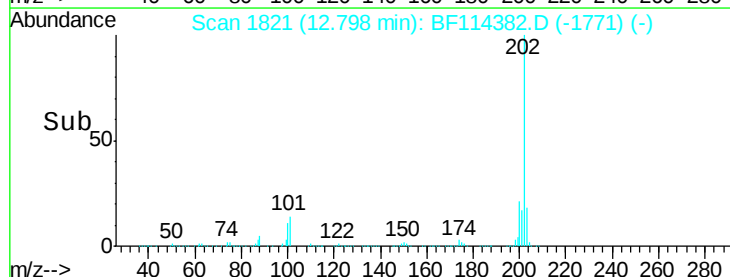
Tgt Ion:	202	Resp:	1850081
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	18.3	14.5	21.7

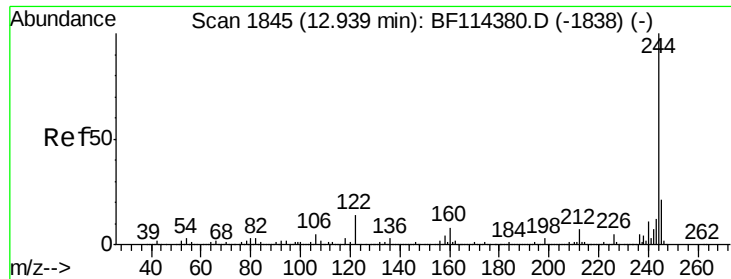


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.70 12.80 12.90





#79

Terphenyl-d14

Concen: 70.662 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tgt Ion:244 Resp: 2095737

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

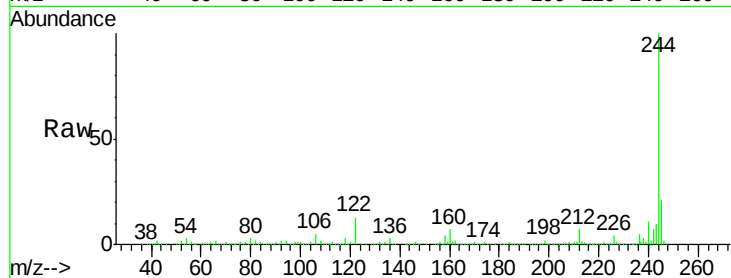
122 13.4 9.4 14.2

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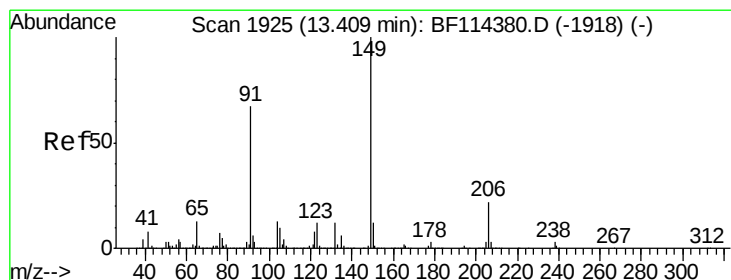
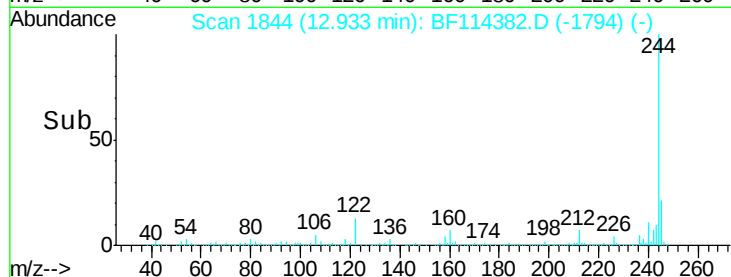
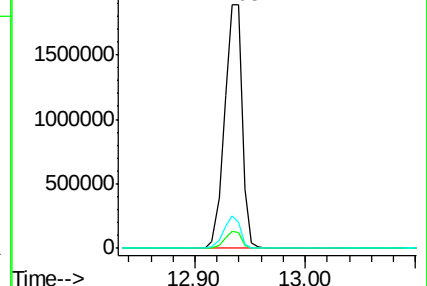
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.181 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

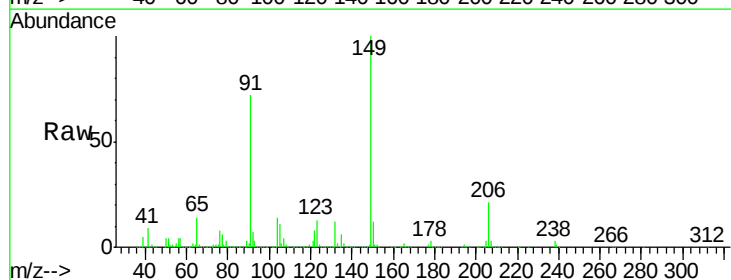
Tgt Ion:149 Resp: 873215

Ion Ratio Lower Upper

149 100

91 71.8 55.0 82.4

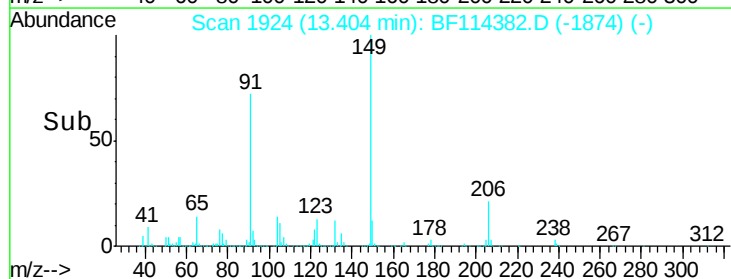
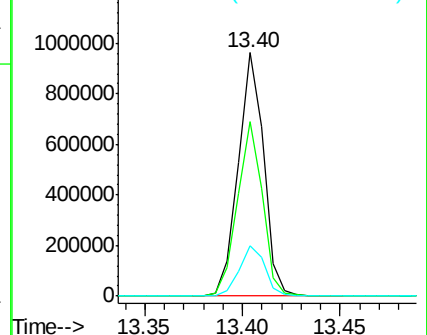
206 20.7 16.9 25.3

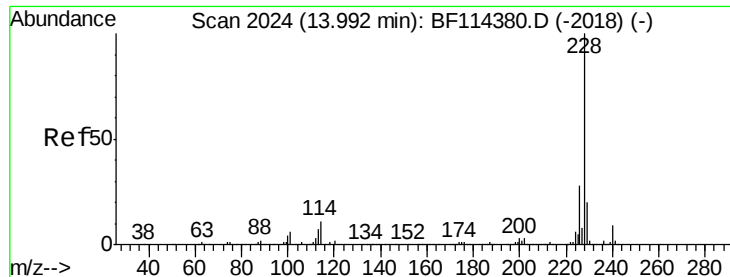


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.322 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

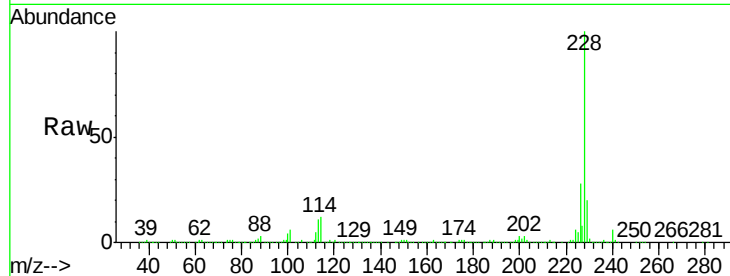
ClientSampleId :

PB119779BSD

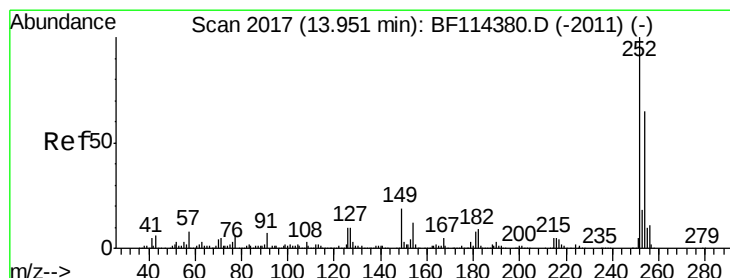
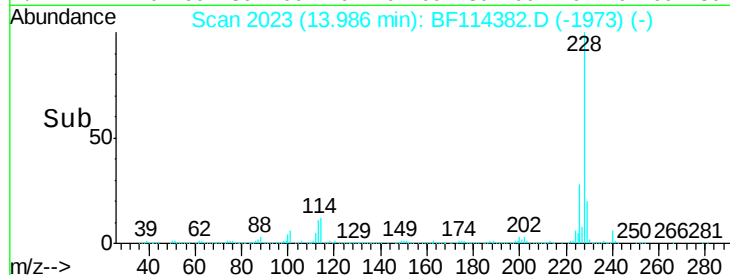
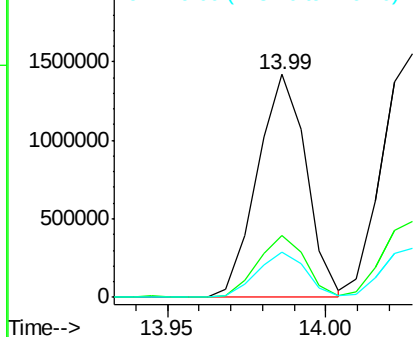
Tgt Ion:	228	Resp:	1515440
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.1	16.4	24.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.728 ng

RT: 13.95 min Scan# 2016

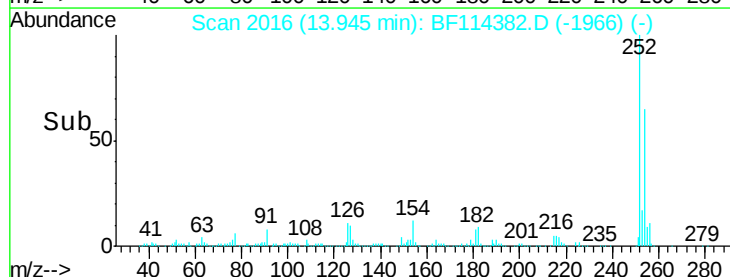
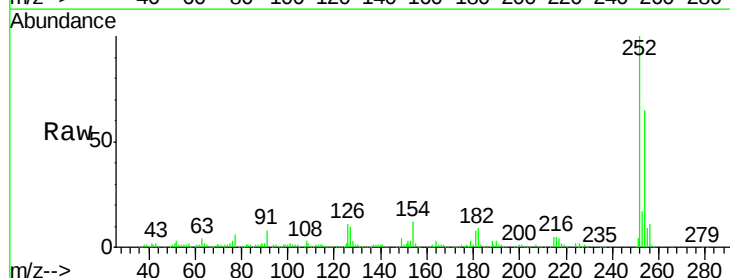
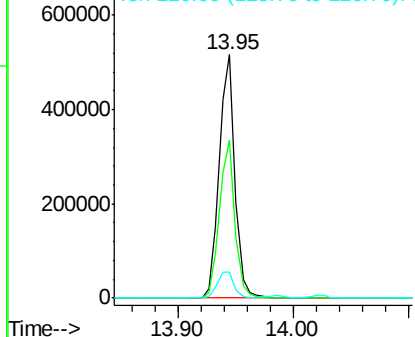
Delta R.T. -0.01 min

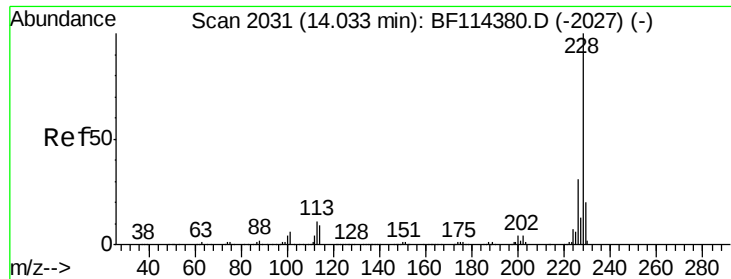
Lab File: BF114382.D

Acq: 18 May 2019 11:18

Tgt Ion:	252	Resp:	486714
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.5	7.9	11.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.638 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB119779BSD

Tgt Ion:228 Resp: 1497793

Ion Ratio Lower Upper

228 100

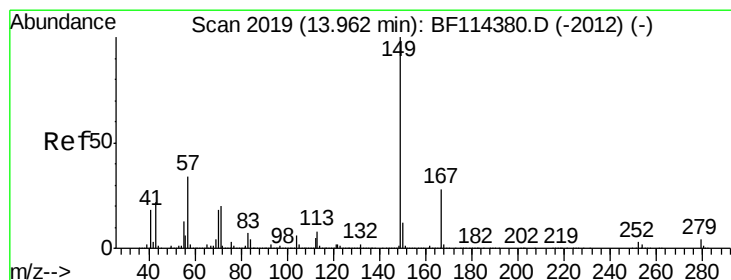
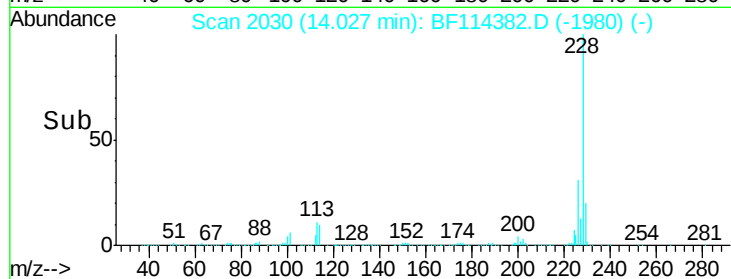
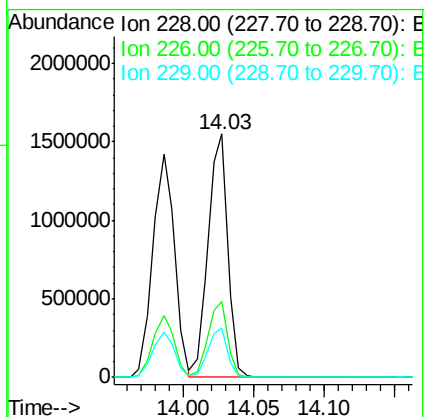
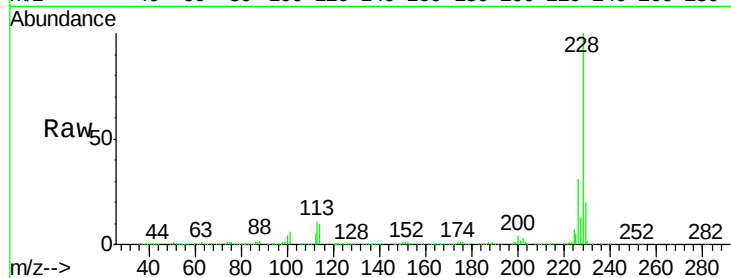
226 31.1 25.0 37.6

229 20.1 17.0 25.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.603 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

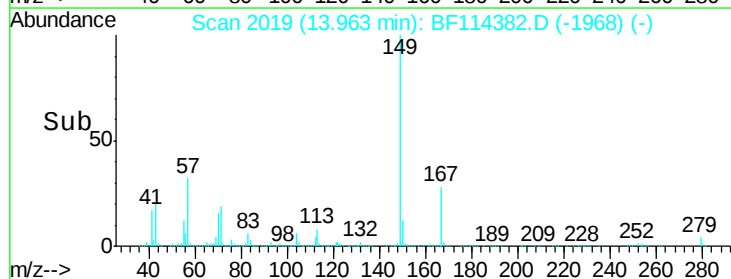
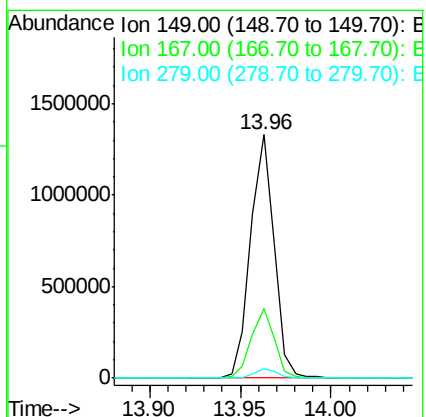
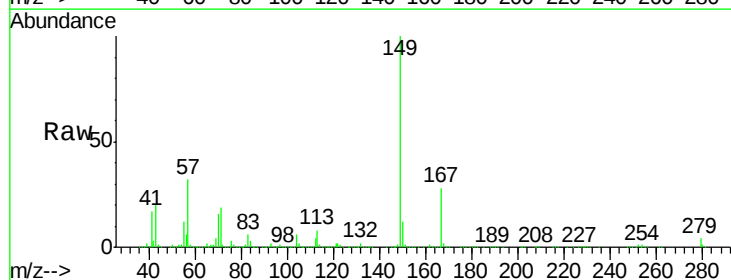
Tgt Ion:149 Resp: 1207629

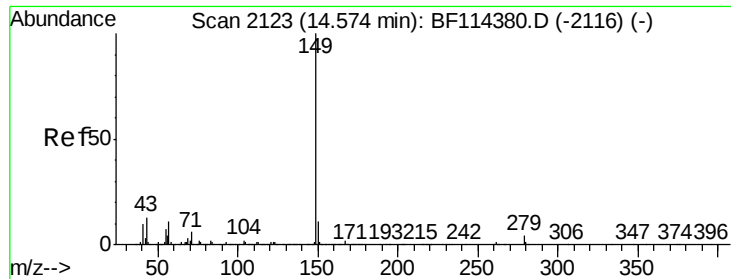
Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

279 4.1 3.0 4.6





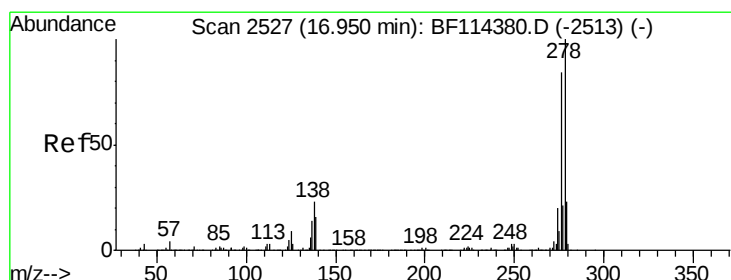
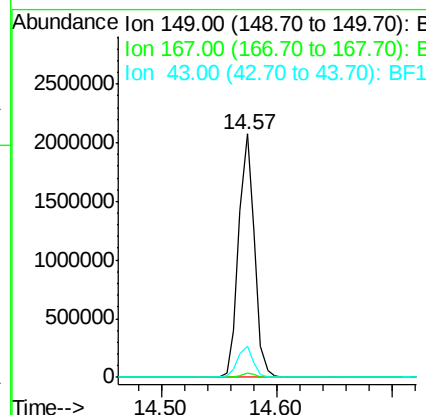
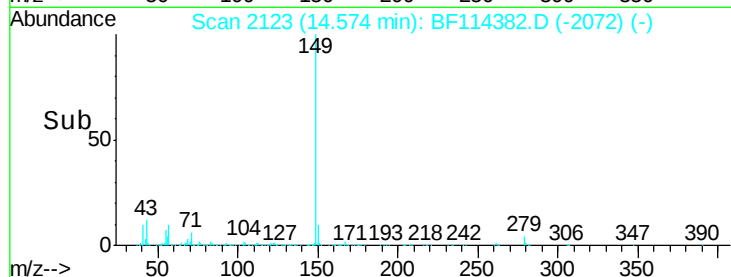
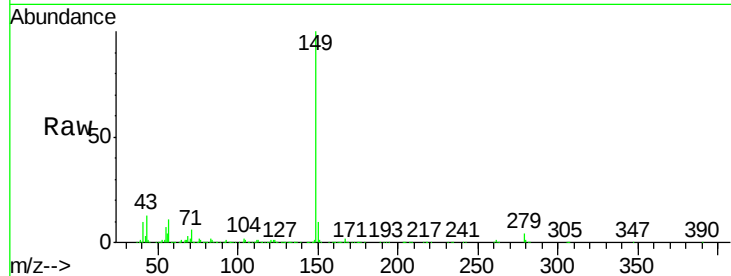
#85
Di-n-octyl phthalate
Concen: 44.484 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampled :
PB119779BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.3	10.1	15.1

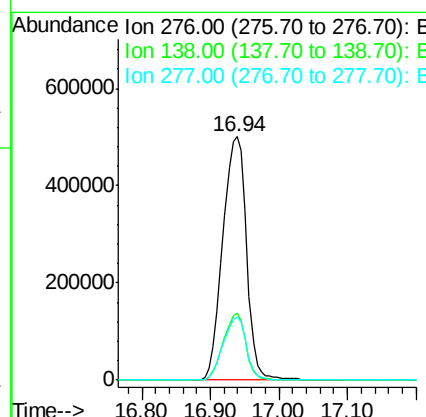
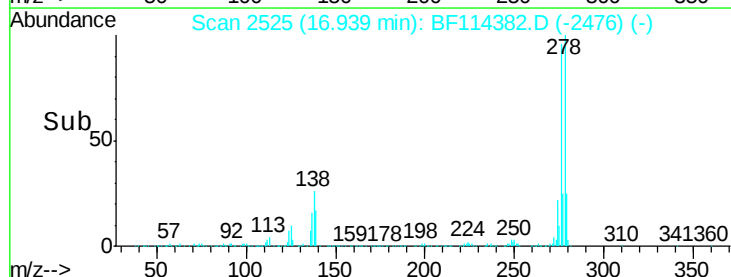
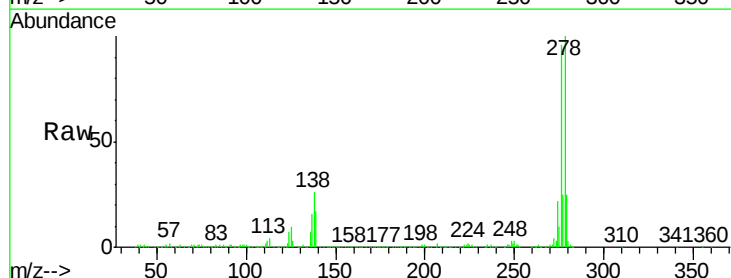
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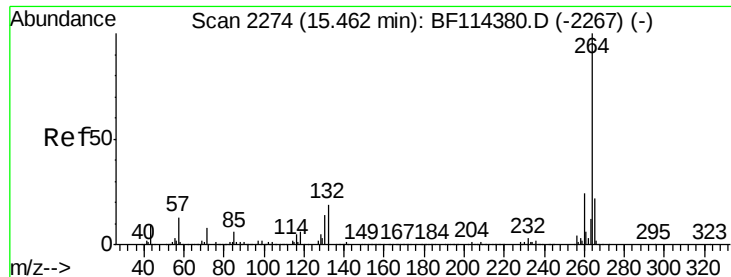
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.206 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.2	30.2
277	25.2	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

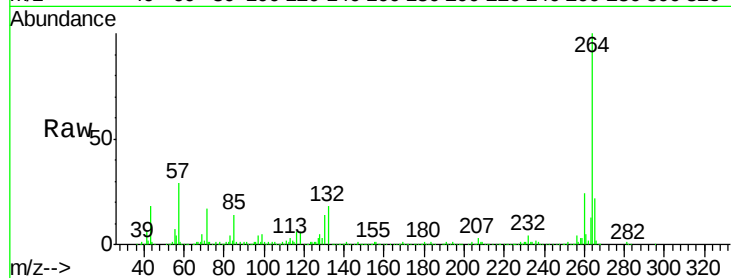
ClientSampleId :

PB119779BSD

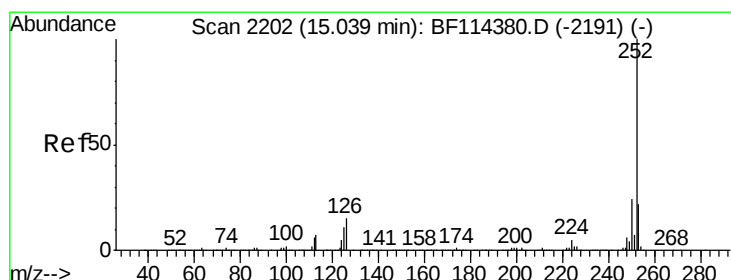
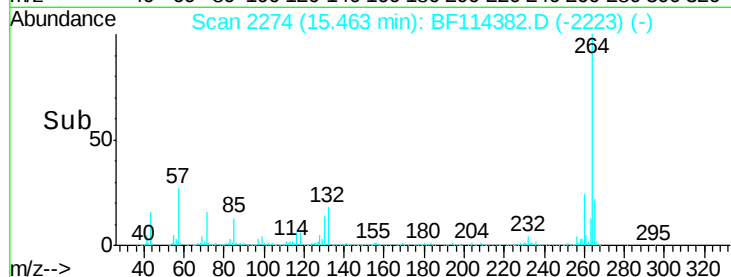
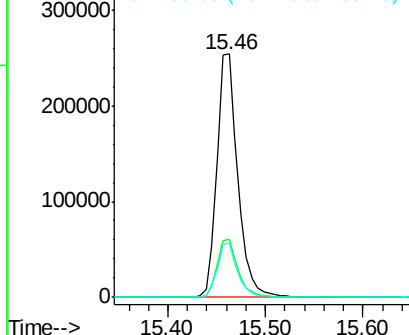
Tgt	Ion	264	Resp	377254
	Ratio	100	Lower	Upper
	264	100		
	260	24.0	19.4	29.0
	265	22.1	16.9	25.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.676 ng

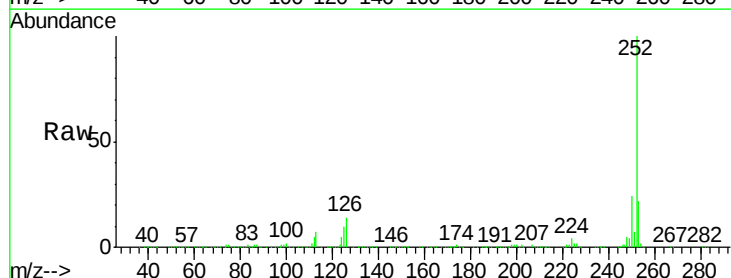
RT: 15.04 min Scan# 2202

Delta R.T. 0.00 min

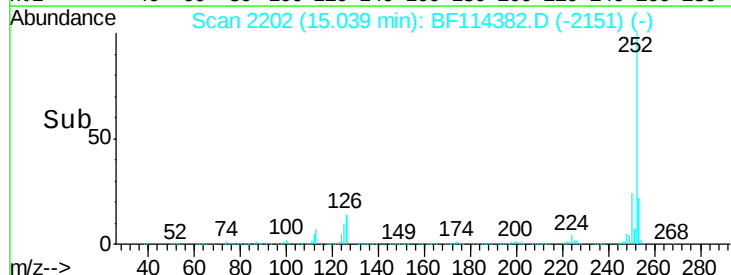
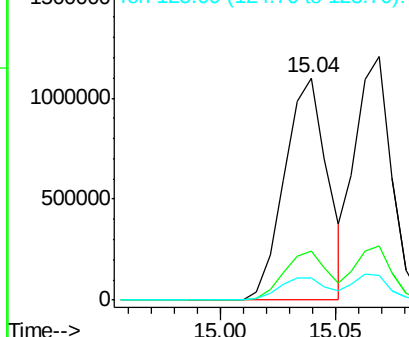
Lab File: BF114382.D

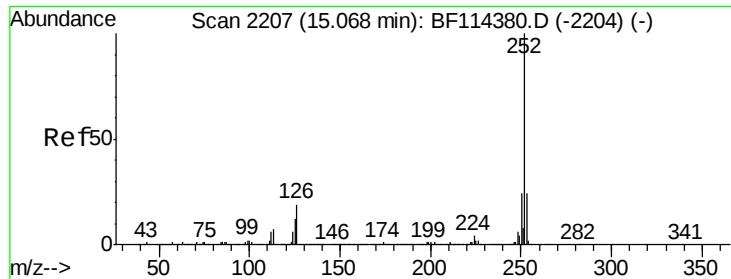
Acq: 18 May 2019 11:18

Tgt	Ion	252	Resp	1418138
	Ratio	100	Lower	Upper
	252	100		
	253	22.3	17.8	26.8
	125	10.3	8.3	12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





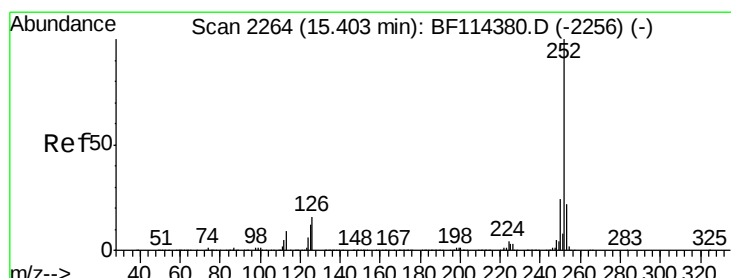
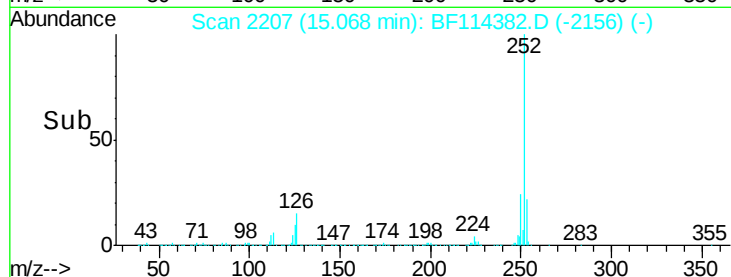
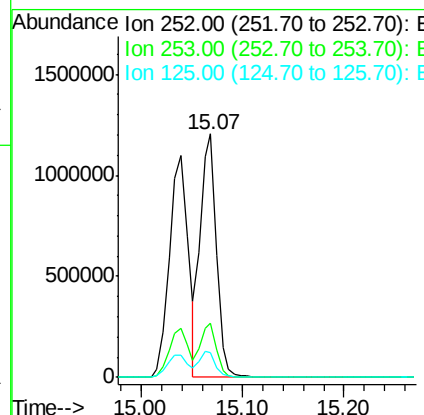
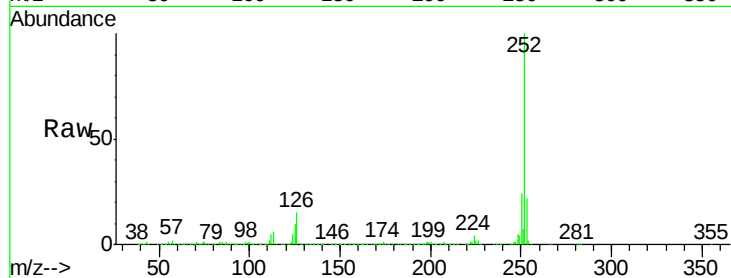
#89
Benzo(k)fluoranthene
Concen: 59.578 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion: 252 Resp: 1322733
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.2 8.6 13.0

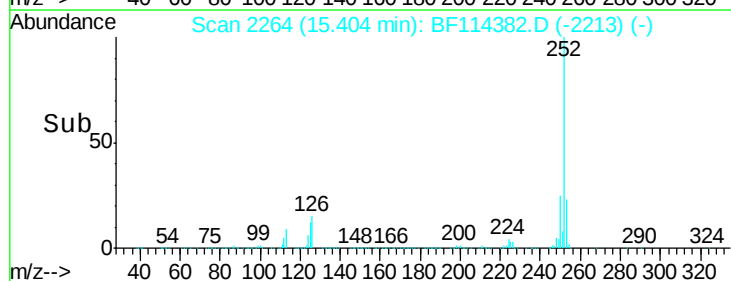
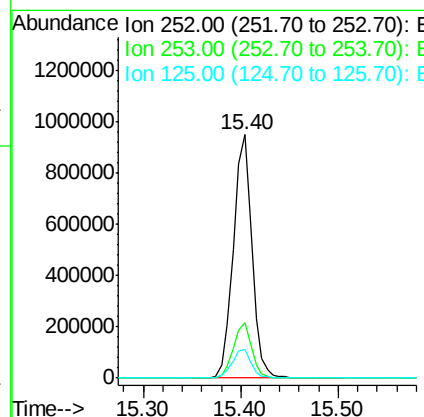
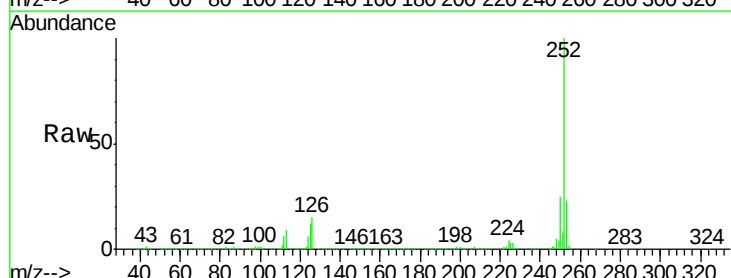
Manual Integrations
APPROVED

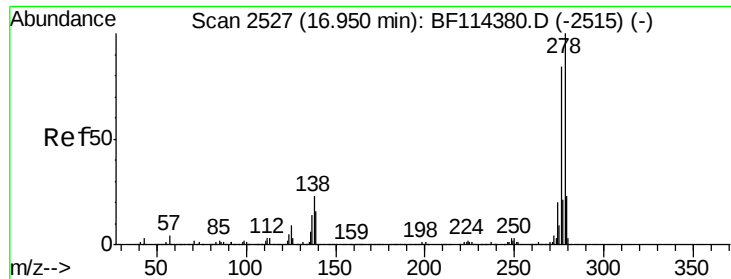
Sohil
5/21/2019 7:17:06 PM



#90
Benzo(a)pyrene
Concen: 59.225 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion: 252 Resp: 1259752
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.7 9.5 14.3





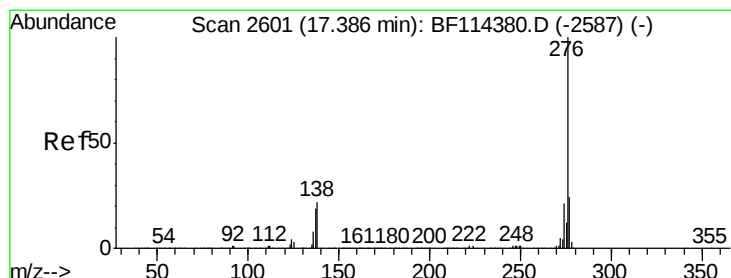
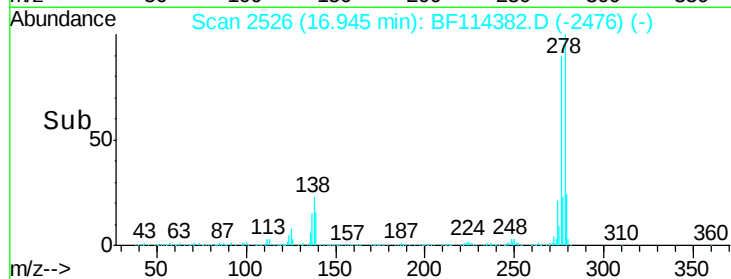
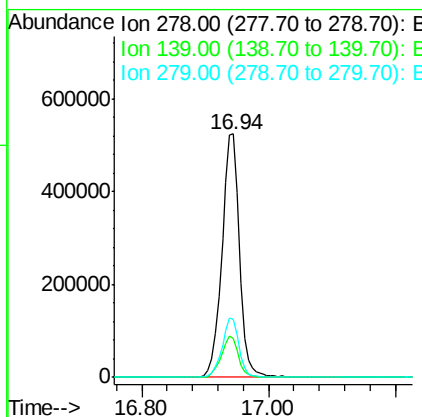
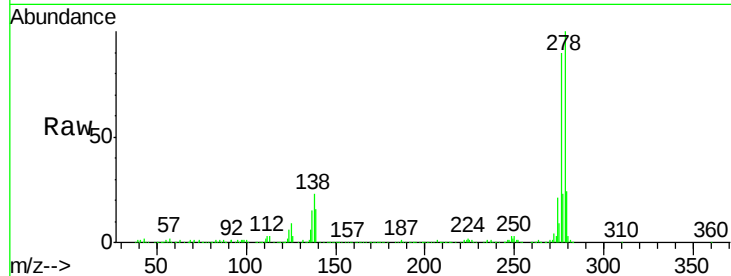
#91
Dibenzo(a,h)anthracene
Concen: 57.805 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	23.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:06 PM



#92
Benzo(g,h,i)perylene
Concen: 58.227 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	21.3	17.8	26.6

