

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114381.D
 Acq On : 18 May 2019 10:51
 Operator : JU/SJ
 Sample : PB119779BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Manual Integrations
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 5/21/2019 7:17:03 PM

Quant Time: May 20 04:52:54 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	208742	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	835273	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	399287	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	775079	20.00	ng	0.00
76) Chrysene-d12	14.00	240	545810	20.00	ng	0.00
87) Perylene-d12	15.46	264	228267	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1532837	118.17	ng	0.01
7) Phenol-d6	6.49	99	1968550	128.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	1098015	73.77	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	480615	116.43	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1939343	73.47	ng	0.00
79) Terphenyl-d14	12.93	244	1990454	75.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	295863	41.497	ng	99
3) Pyridine	3.43	79	537126	27.343	ng	96
4) n-Nitrosodimethylamine	3.37	42	310069	32.732	ng	94
6) Aniline	6.50	93	356219	16.074	ng	# 1
8) 2-Chlorophenol	6.63	128	607042	43.837	ng	99
9) Benzaldehyde	6.40	77	27465	2.557	ng	96
10) Phenol	6.50	94	736334	40.800	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	623402	45.499	ng	95
12) 1,3-Dichlorobenzene	6.78	146	596740	38.390	ng	99
13) 1,4-Dichlorobenzene	6.85	146	613976	39.198	ng	99
14) 1,2-Dichlorobenzene	7.00	146	572475	40.005	ng	98
15) Benzyl Alcohol	6.99	79	494085	41.293	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1069478	40.257	ng	65
17) 2-Methylphenol	7.10	107	485154	42.650	ng	# 91
18) Hexachloroethane	7.35	117	228260	38.824	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	414881	42.665	ng	100
20) 3+4-Methylphenols	7.26	107	635400	48.346	ng	# 63
22) Acetophenone	7.25	105	806721	43.597	ng	# 91
24) Nitrobenzene	7.42	77	650796	42.931	ng	99
25) Isophorone	7.66	82	1187968	43.037	ng	99
26) 2-Nitrophenol	7.73	139	336498	45.753	ng	94
27) 2,4-Dimethylphenol	7.78	122	542555	46.970	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	755431	42.179	ng	97
29) 2,4-Dichlorophenol	7.99	162	517556	44.997	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	530581	40.566	ng	99
31) Naphthalene	8.14	128	1690629	43.331	ng	99
32) Benzoic acid	7.92	122	378613	46.266	ng	99
33) 4-Chloroaniline	8.20	127	394361	22.180	ng	97
34) Hexachlorobutadiene	8.26	225	290870	39.085	ng	99
35) Caprolactam	8.56	113	171081m	45.615	ng	
36) 4-Chloro-3-methylphenol	8.69	107	533401	46.071	ng	98
37) 2-Methylnaphthalene	8.83	142	1157628	45.986	ng	97
38) 1-Methylnaphthalene	8.93	142	1085317	45.782	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	523913	43.316	ng	100

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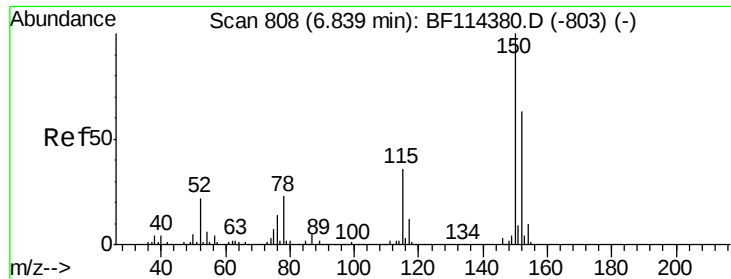
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	97643	20.715	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	339060	40.755	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	361942	42.422	ng	96
46) 1,1'-Biphenyl	9.29	154	1410597	43.730	ng	99
47) 2-Chloronaphthalene	9.32	162	1067638	41.126	ng	97
48) 2-Nitroaniline	9.42	65	364131	39.551	ng	96
49) Acenaphthylene	9.73	152	1667399	42.230	ng	100
50) Dimethylphthalate	9.59	163	1233206	42.073	ng	100
51) 2,6-Dinitrotoluene	9.66	165	275760	42.416	ng	99
52) Acenaphthene	9.90	154	984338	40.627	ng	99
53) 3-Nitroaniline	9.83	138	212039	26.274	ng	99
54) 2,4-Dinitrophenol	9.95	184	267593	81.700	ng	98
55) Dibenzofuran	10.08	168	1444251	40.651	ng	96
56) 4-Nitrophenol	10.01	139	362556	63.526	ng	96
57) 2,4-Dinitrotoluene	10.07	165	350772	39.752	ng	# 91
58) Fluorene	10.42	166	1174448	42.797	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	297737	40.444	ng	99
60) Diethylphthalate	10.29	149	1234492	41.451	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	565111	41.927	ng	96
62) 4-Nitroaniline	10.45	138	300471	35.431	ng	98
63) Azobenzene	10.57	77	1216930	42.214	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	171470	46.040	ng	85
66) n-Nitrosodiphenylamine	10.53	169	1034124	43.961	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	354696	41.563	ng	98
68) Hexachlorobenzene	10.97	284	380194	40.271	ng	96
69) Atrazine	11.05	200	189085	25.830	ng	97
70) Pentachlorophenol	11.17	266	310195	69.312	ng	98
71) Phenanthrene	11.38	178	1644850	43.620	ng	99
72) Anthracene	11.43	178	1648642	43.528	ng	100
73) Carbazole	11.59	167	1577734	43.684	ng	99
74) Di-n-butylphthalate	11.91	149	1931590	46.421	ng	100
75) Fluoranthene	12.57	202	1747702	43.039	ng	98
77) Benzidine	12.69	184	90477	3.693	ng	95
78) Pyrene	12.80	202	1753069	39.926	ng	99
80) Butylbenzylphthalate	13.40	149	799315	43.250	ng	95
81) Benzo(a)anthracene	13.99	228	1360957	38.551	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	359578	26.256	ng	100
83) Chrysene	14.02	228	1342703	38.799	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1101366	45.566	ng	99
85) Di-n-octyl phthalate	14.57	149	1686586	43.044	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1174359	38.397	ng	99
88) Benzo(b)fluoranthene	15.04	252	1201186	82.137	ng	99
89) Benzo(k)fluoranthene	15.07	252	1105769	82.313	ng	98
90) Benzo(a)pyrene	15.40	252	1076482	83.640	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1012559	94.678	ng	98
92) Benzo(g,h,i)perylene	17.37	276	1058631	98.774	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: BF114381.D

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Instrument :

BNA_F

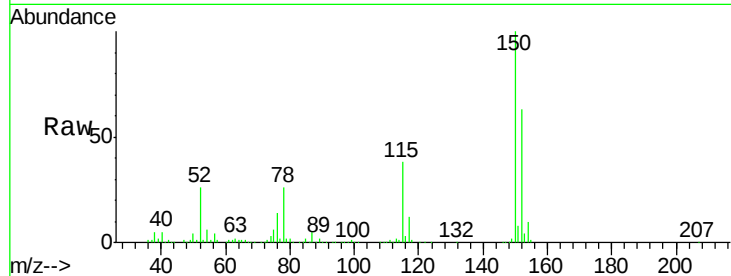
ClientSampleId :

PB119779BS

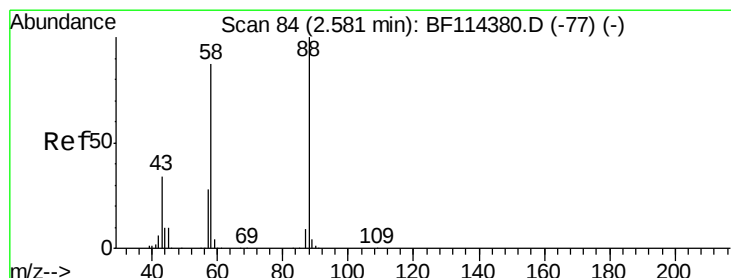
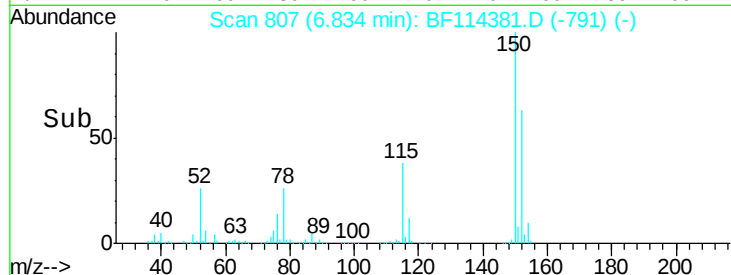
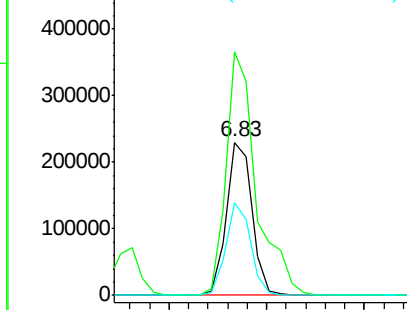
Tgt Ion:	152	Resp:	208742
Ion Ratio	Lower	Upper	
152	100		
150	159.0	124.3	186.5
115	60.7	49.1	73.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.497 ng

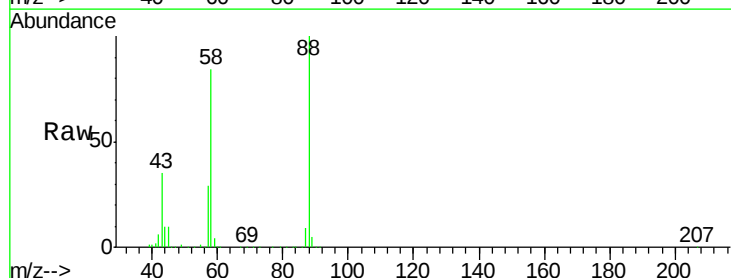
RT: 2.67 min Scan# 99

Delta R.T. 0.09 min

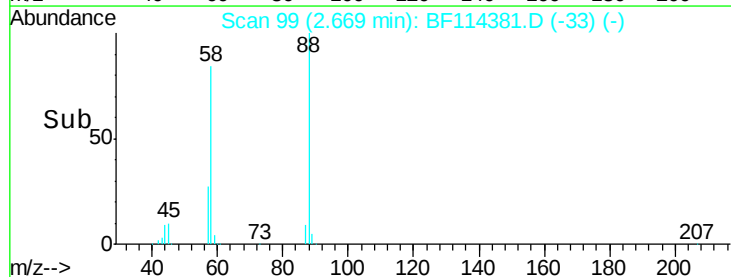
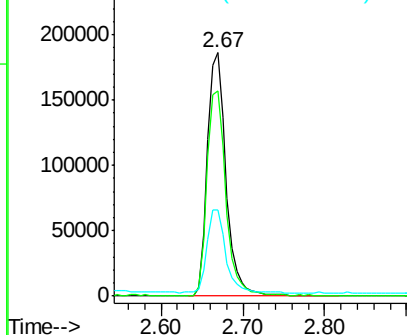
Lab File: BF114381.D

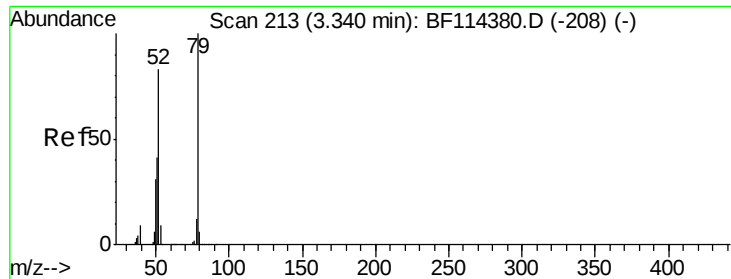
Acq: 18 May 2019 10:51

Tgt Ion:	88	Resp:	295863
Ion Ratio	Lower	Upper	
88	100		
58	85.3	68.7	103.1
43	36.2	28.2	42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





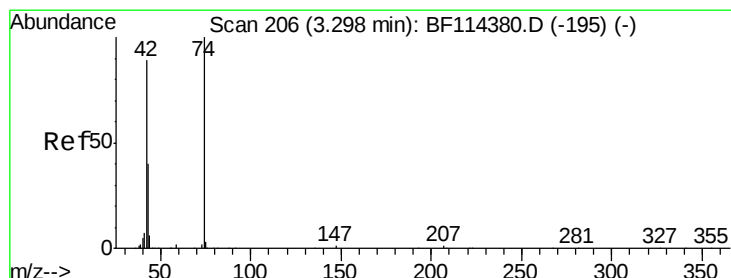
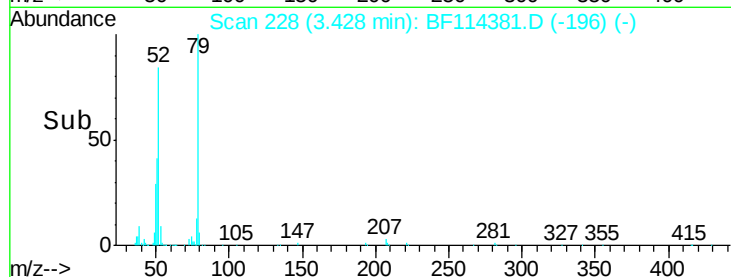
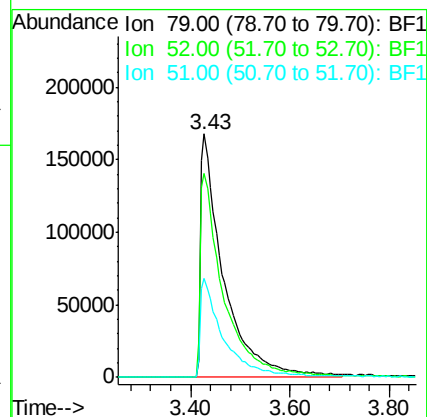
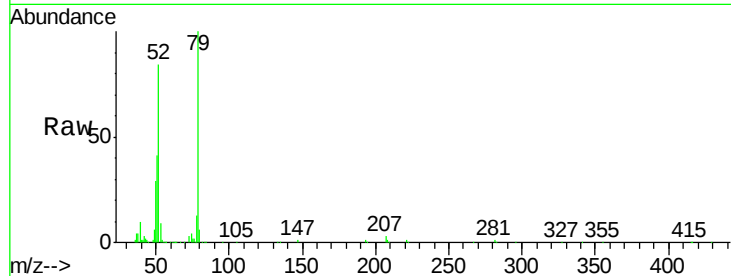
#3
 Pyridine
 Concen: 27.343 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.09 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	83.8	70.6	105.8
51	40.9	34.2	51.2

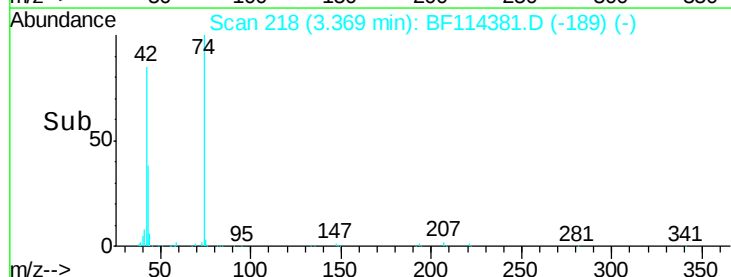
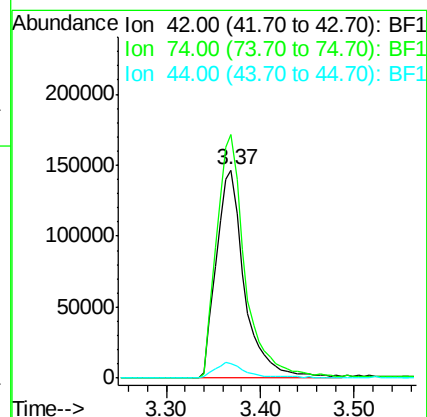
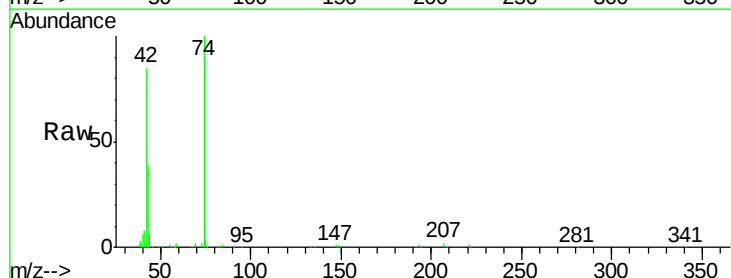
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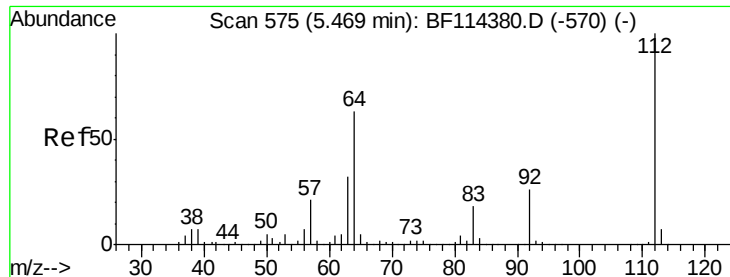
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#4
 n-Nitrosodimethylamine
 Concen: 32.732 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.07 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.0	88.6	132.8
44	6.9	5.5	8.3





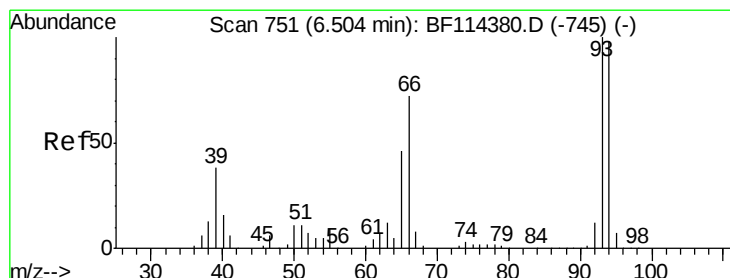
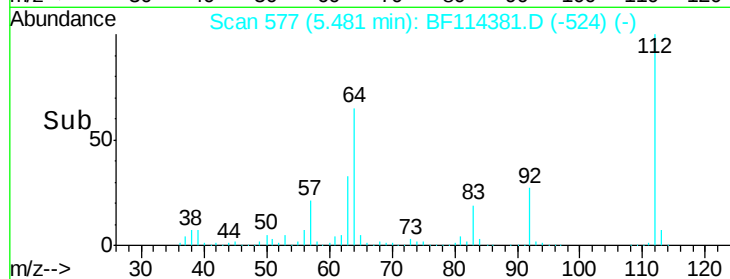
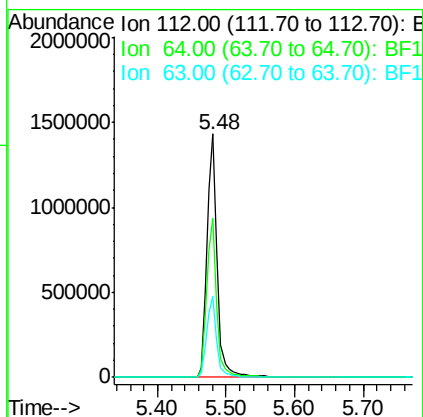
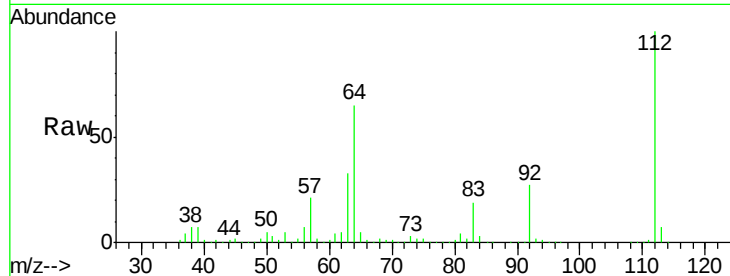
#5
2-Fluorophenol
Concen: 118.171 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	49.0	73.6
63	33.5	24.6	37.0

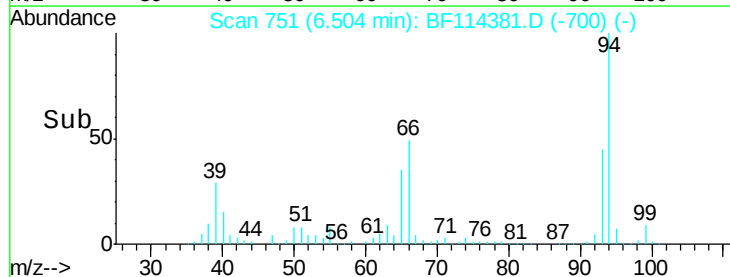
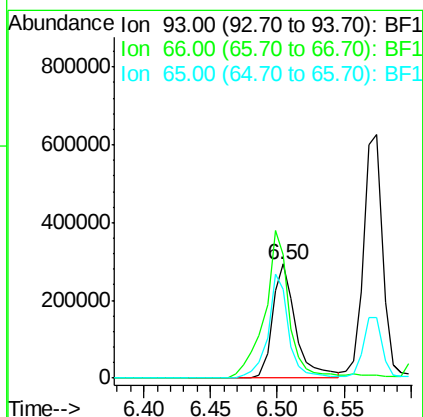
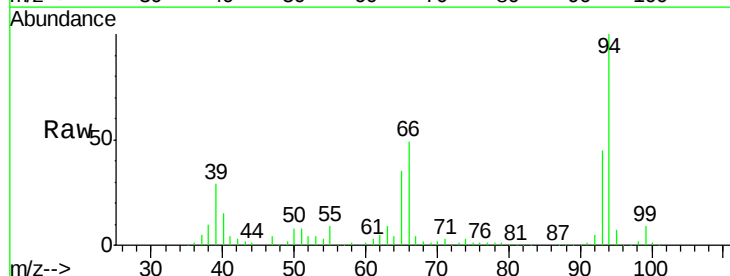
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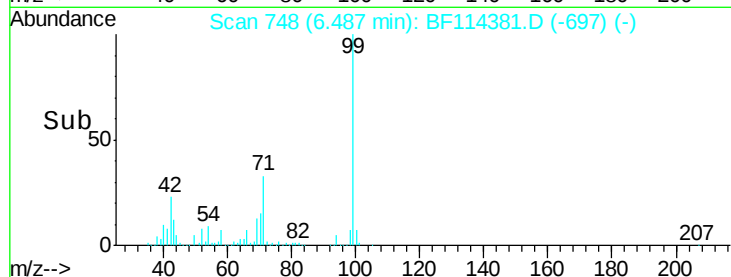
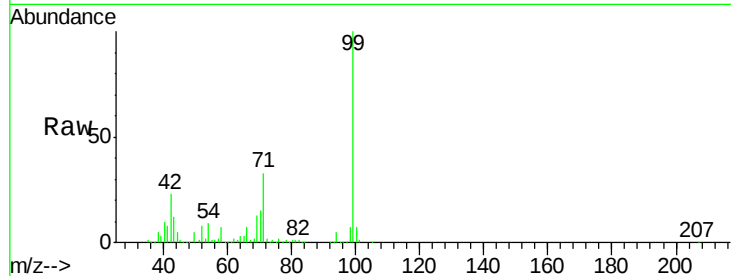
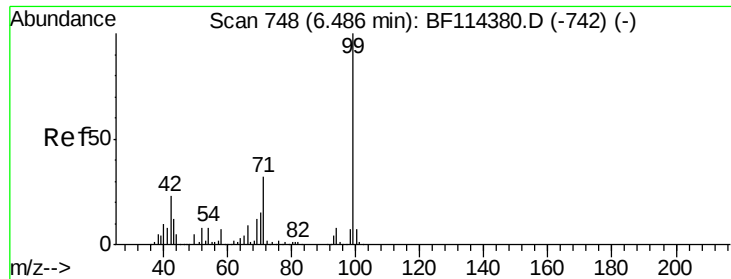
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#6
Aniline
Concen: 16.074 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
66	108.5	33.2	49.8#
65	77.5	17.6	26.4#





#7

Phenol-d6

Concen: 128.315 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	99	Resp:	1968550
Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	33.1	26.2	39.2

Instrument :

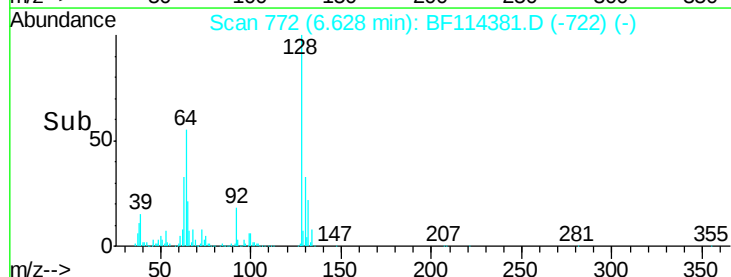
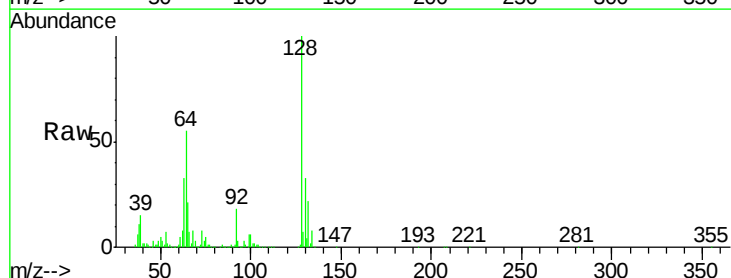
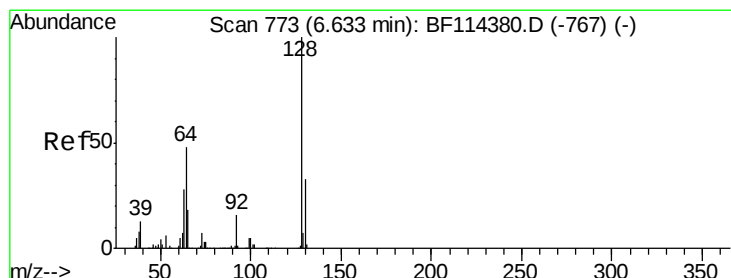
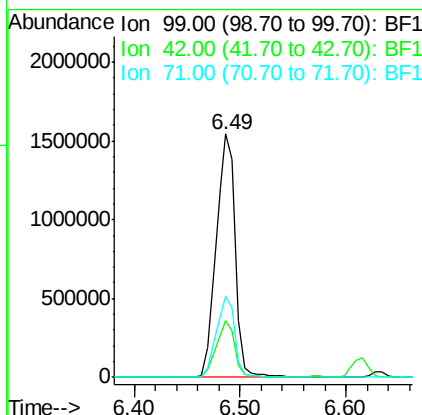
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 43.837 ng

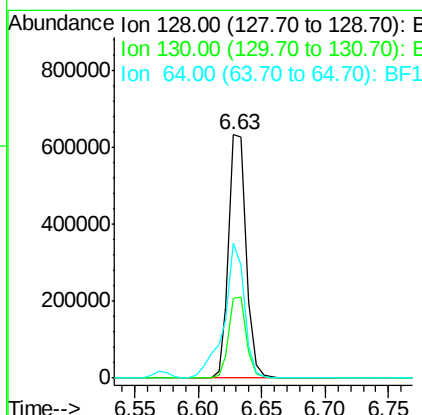
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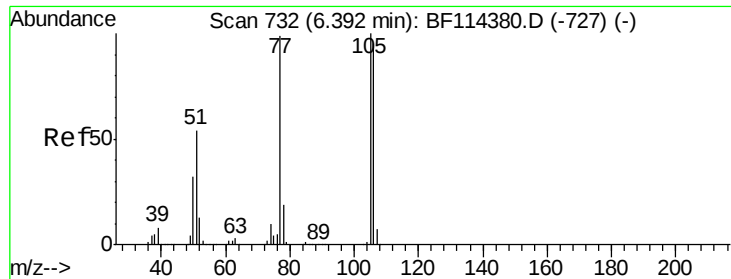
Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	128	Resp:	607042
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	55.1	35.9	75.9





#9

Benzaldehyde

Concen: 2.557 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF114381.D

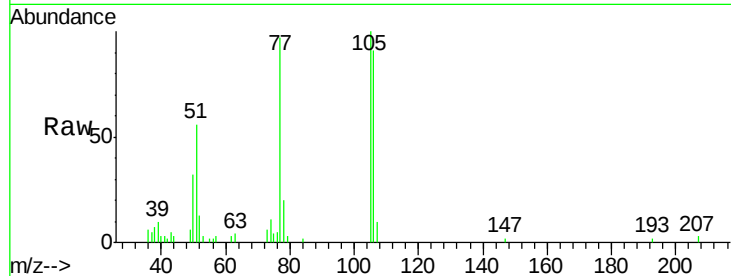
Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampled :

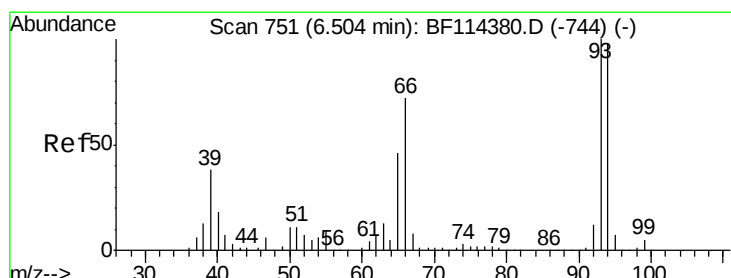
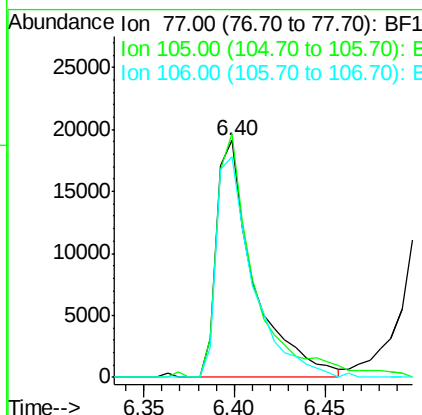
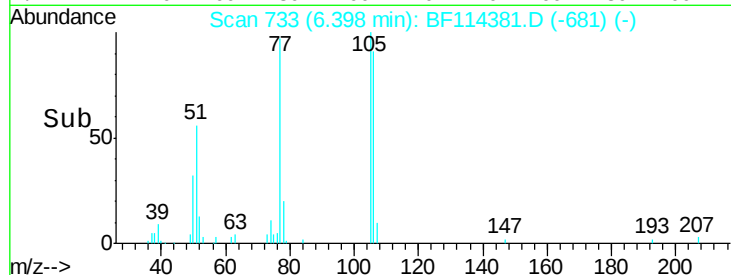
PB119779BS



Tgt Ion:	77	Resp:	27465
Ion	Ratio	Lower	Upper
77	100		
105	102.8	79.3	119.3
106	93.3	77.0	117.0

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#10

Phenol

Concen: 40.800 ng

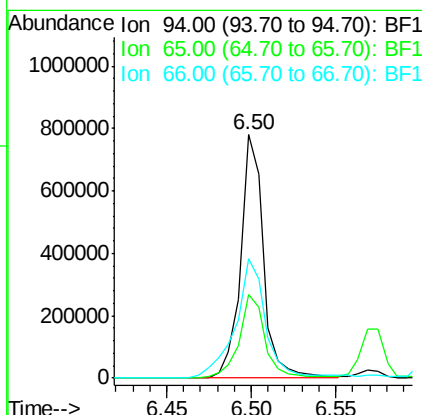
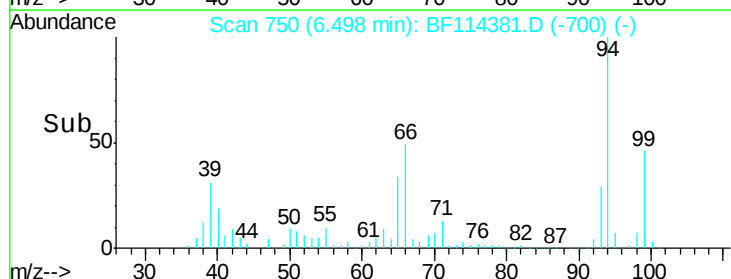
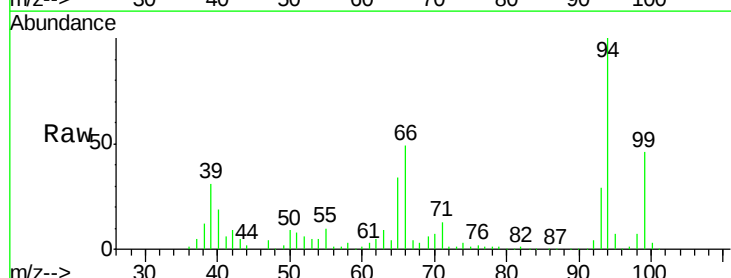
RT: 6.50 min Scan# 750

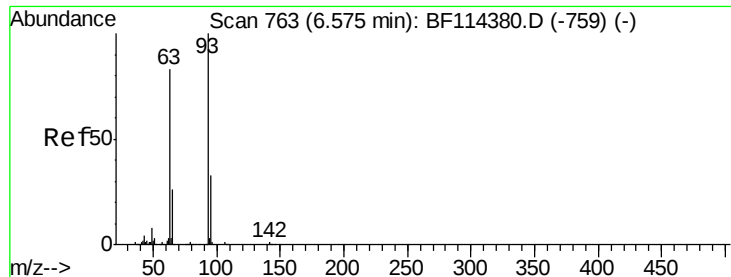
Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	94	Resp:	736334
Ion	Ratio	Lower	Upper
94	100		
65	34.5	14.7	54.7
66	48.9	29.6	69.6





#11

bis(2-Chloroethyl)ether

Concen: 45.499 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

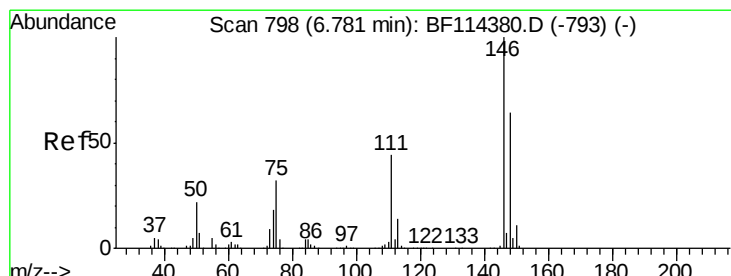
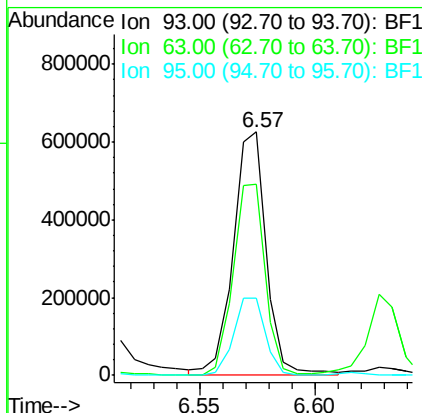
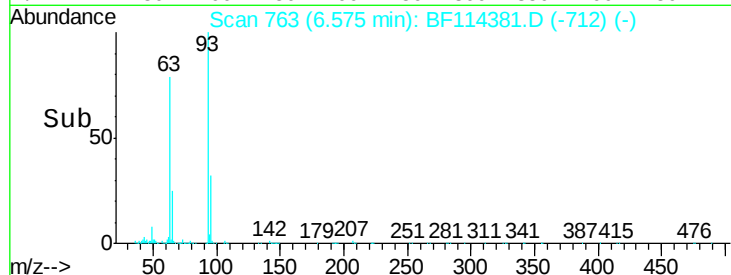
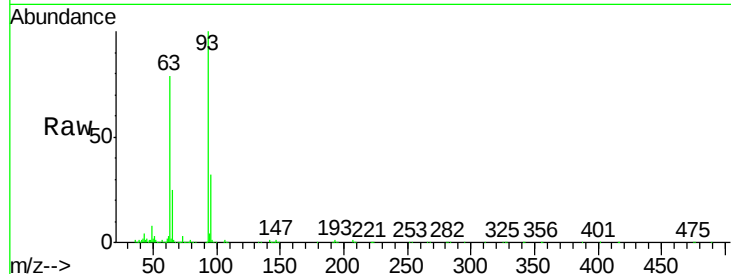
ClientSampleId :

PB119779BS

Tgt Ion:	93	Resp:	623402
Ion Ratio	Lower	Upper	
93	100		
63	78.6	63.6	103.6
95	31.9	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 38.390 ng

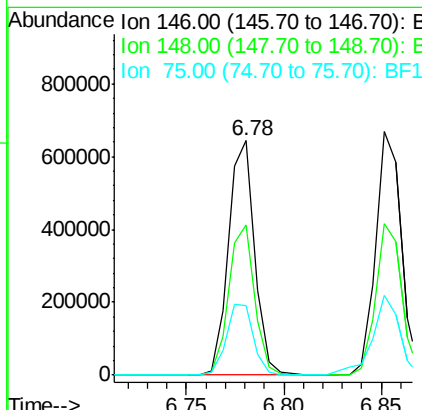
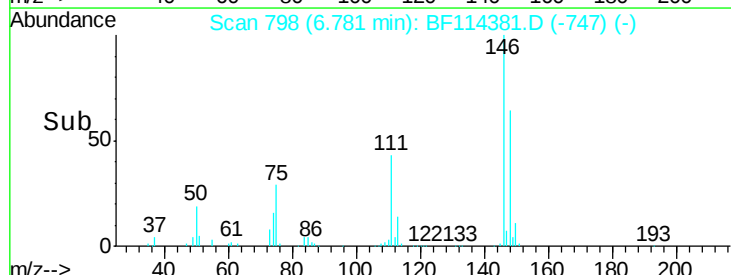
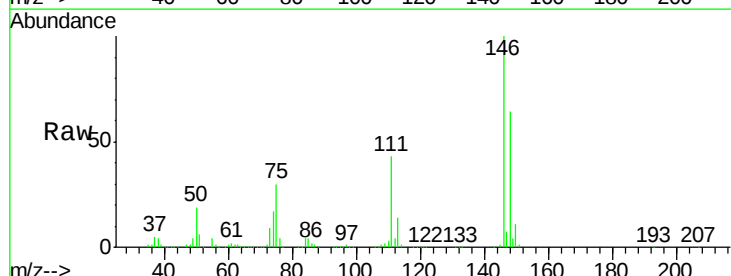
RT: 6.78 min Scan# 798

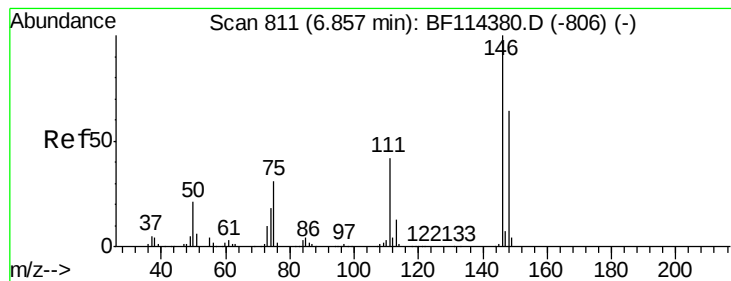
Delta R.T. 0.00 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	146	Resp:	596740
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.6	77.4
75	29.6	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 39.198 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

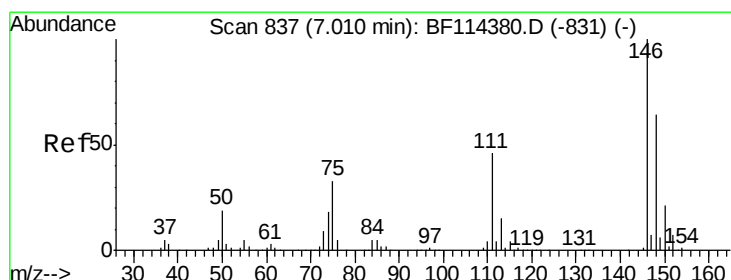
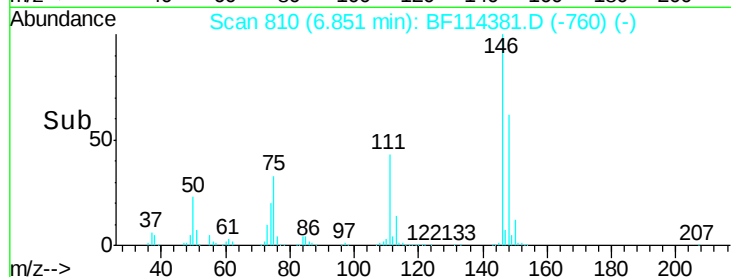
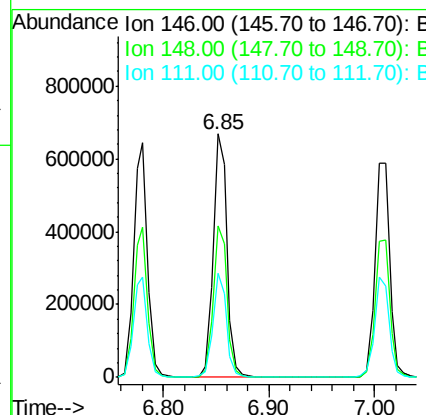
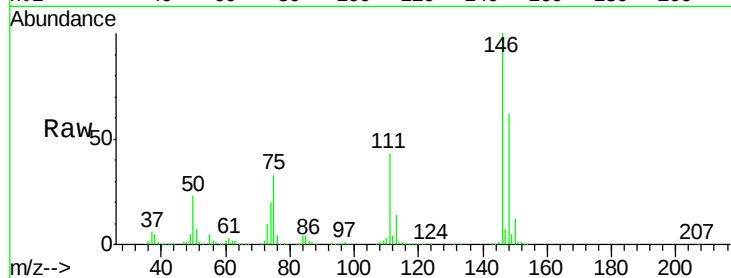
ClientSampleId :

PB119779BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.2	75.2
111	42.8	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 40.005 ng

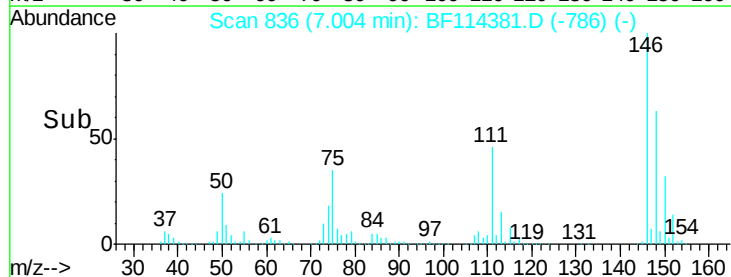
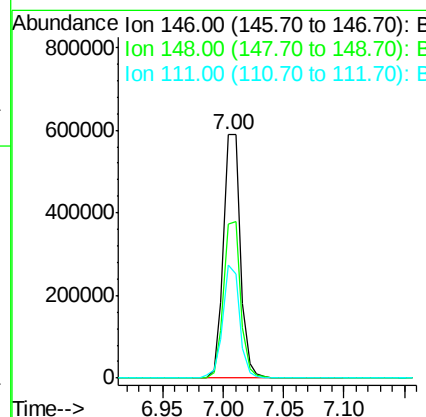
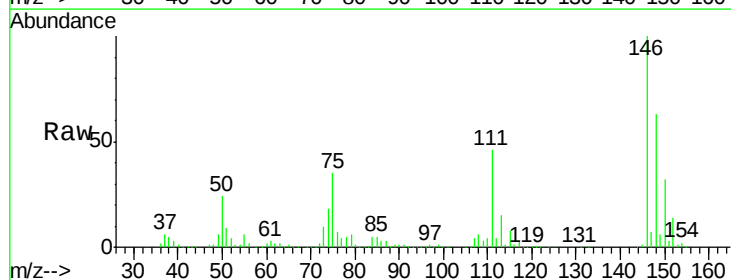
RT: 7.00 min Scan# 836

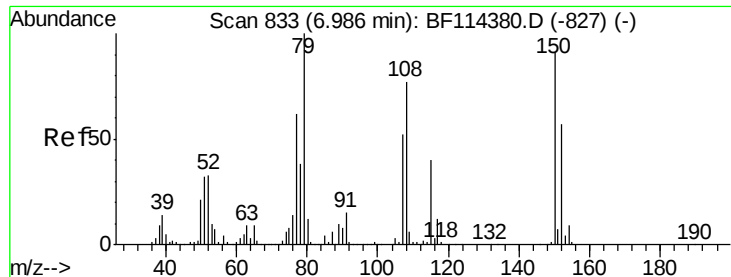
Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	46.5	35.3	52.9





#15

Benzyl Alcohol

Concen: 41.293 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB119779BS

Tgt Ion: 79 Resp: 494085
Ion Ratio Lower Upper

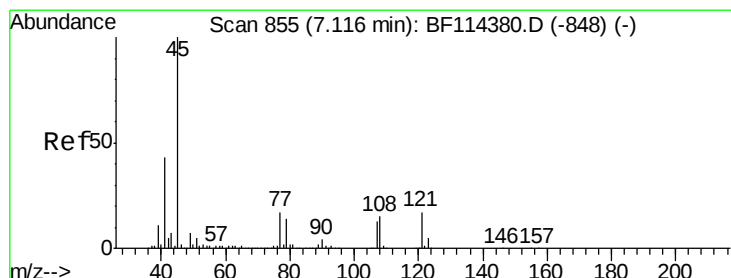
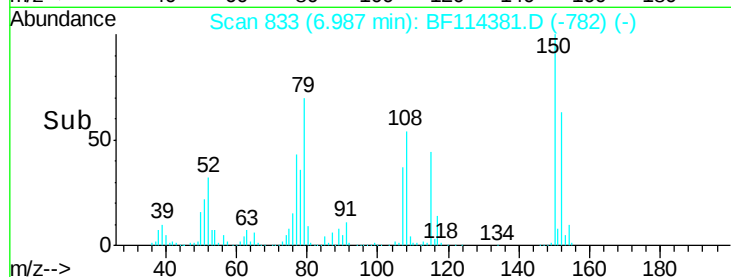
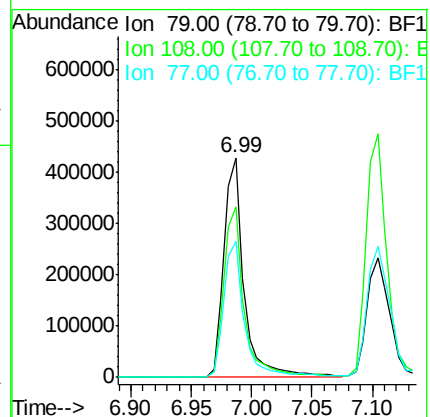
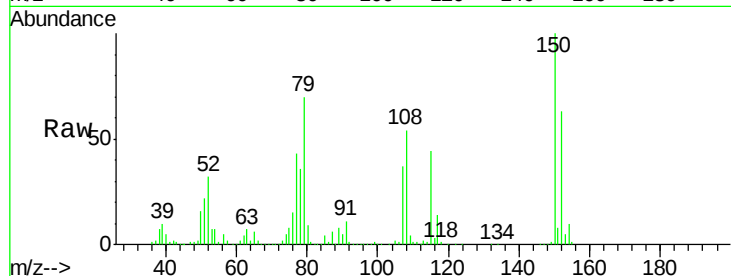
79 100

108 77.5 62.1 93.1

77 61.9 51.0 76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.257 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF114381.D

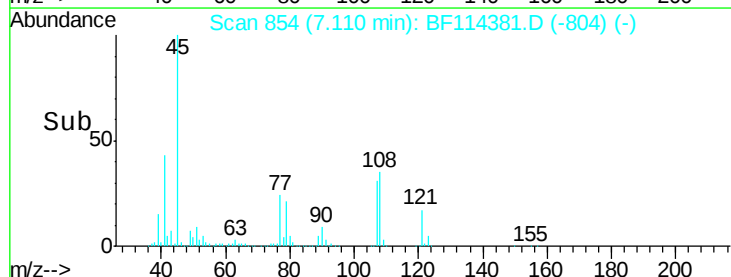
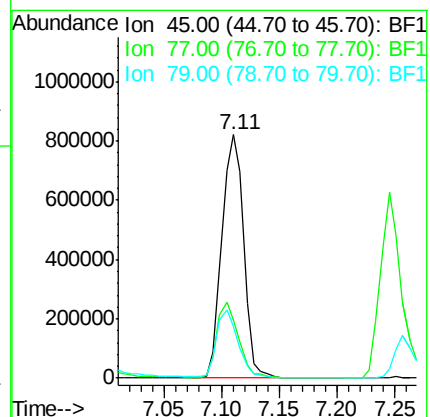
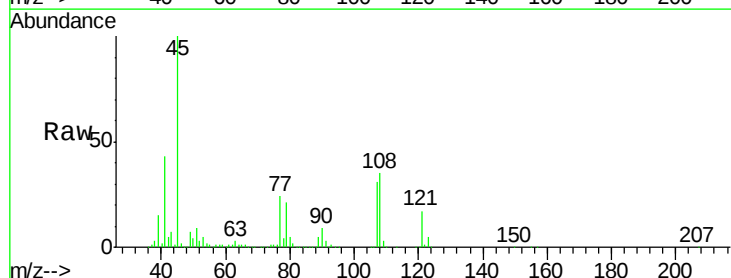
Acq: 18 May 2019 10:51

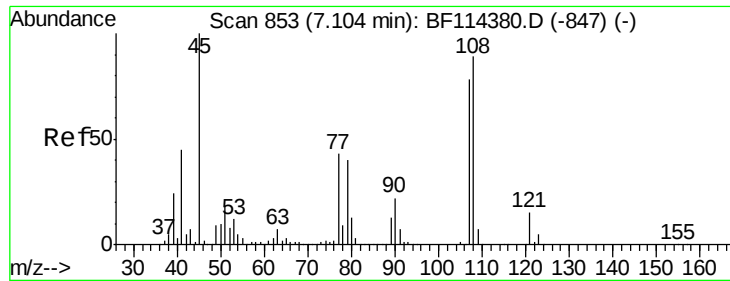
Tgt Ion: 45 Resp: 1069478
Ion Ratio Lower Upper

45 100

77 23.8 0.0 31.1

79 21.3 0.0 28.4





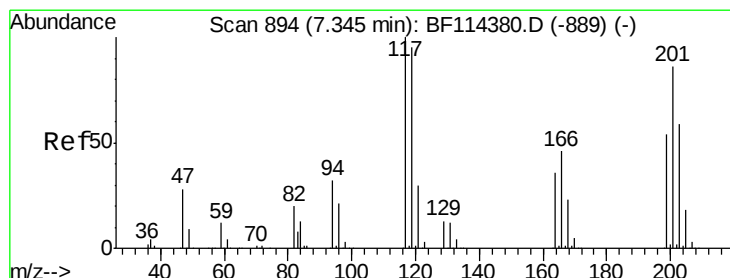
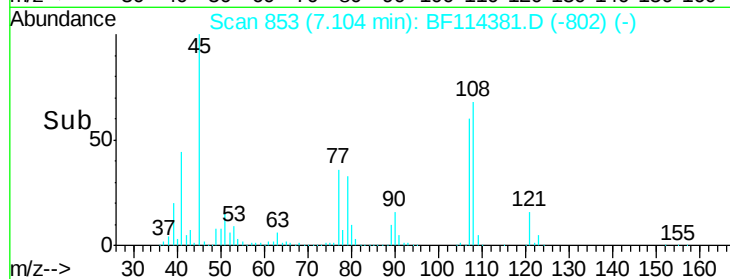
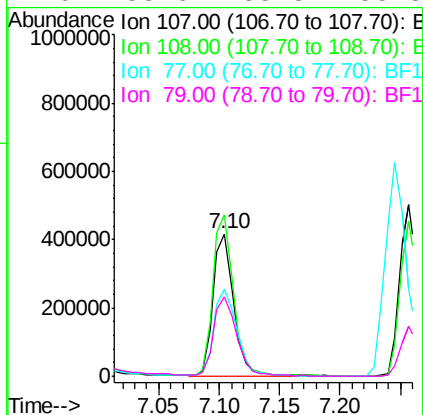
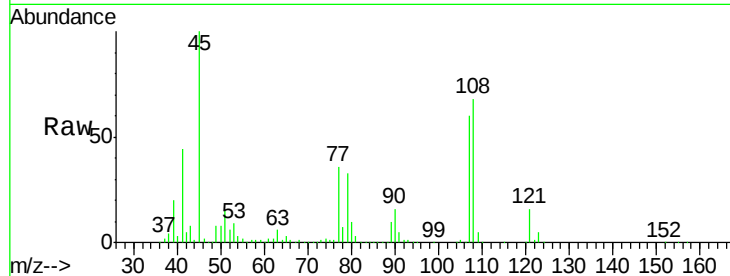
#17
2-Methylphenol
Concen: 42.650 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	485154		
108	113.8	90.5	135.7	
77	61.2	37.0	55.4	
79	55.6	35.8	53.8	

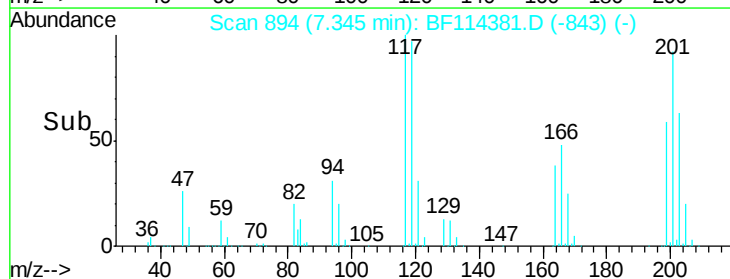
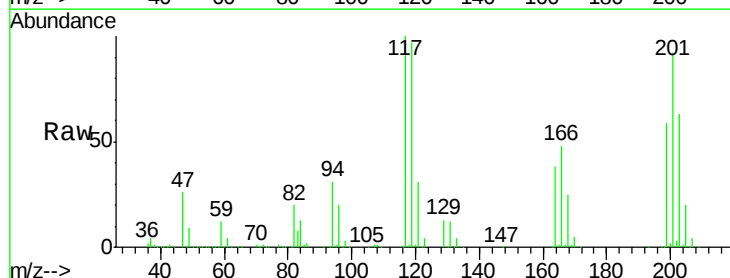
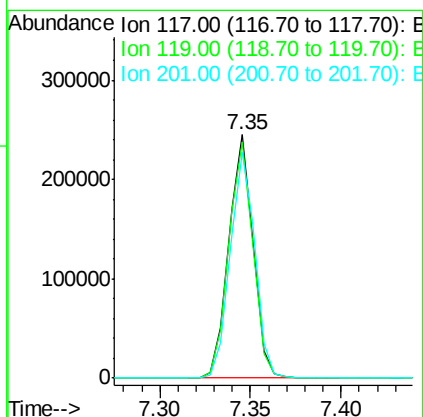
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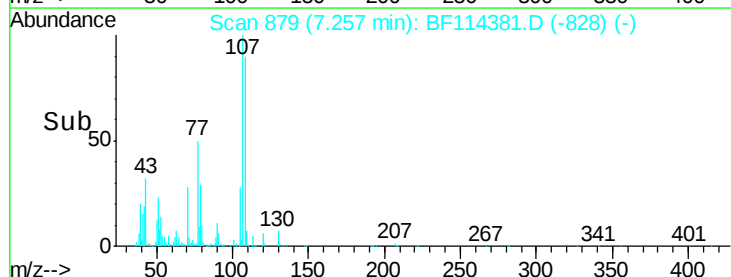
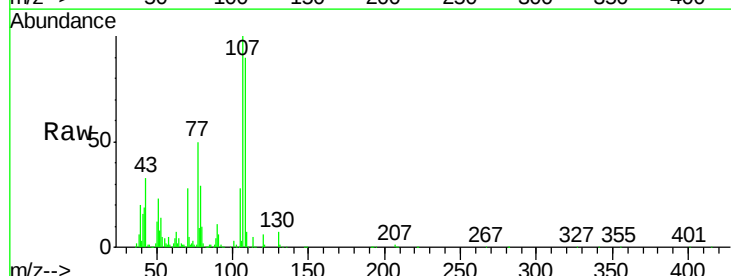
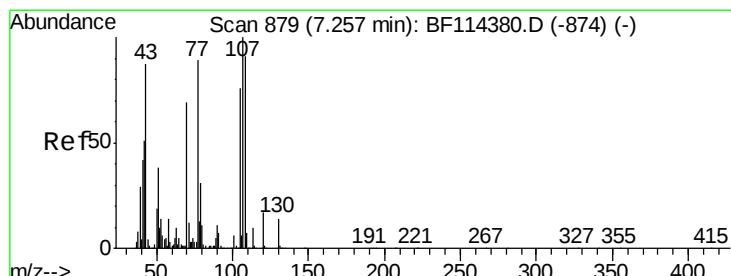
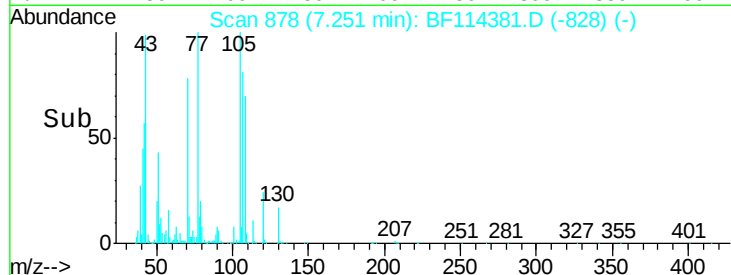
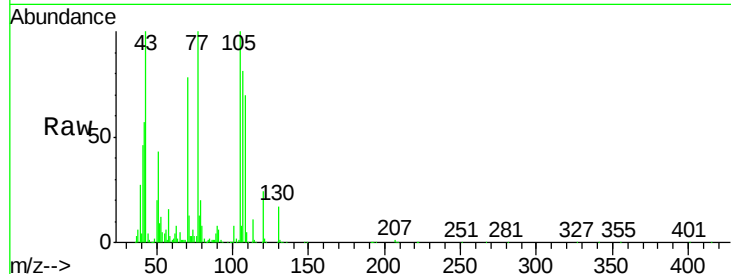
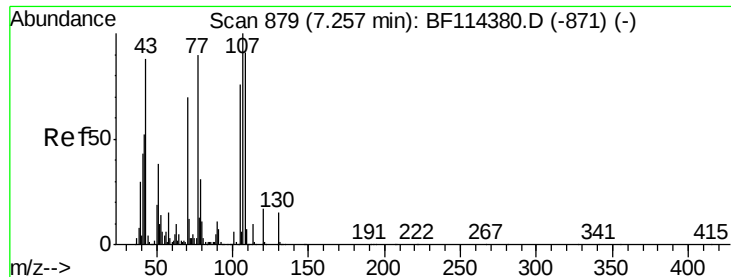
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#18
Hexachloroethane
Concen: 38.824 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

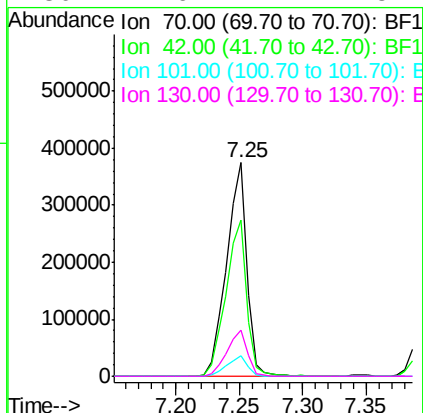
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	228260		
119	96.8	77.4	116.2	
201	92.5	74.5	111.7	





#19
n-Nitroso-di-n-propylamine
Concen: 42.665 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	414881		
42	73.1	58.6	87.8	
101	9.8	7.8	11.8	
130	21.6	17.1	25.7	



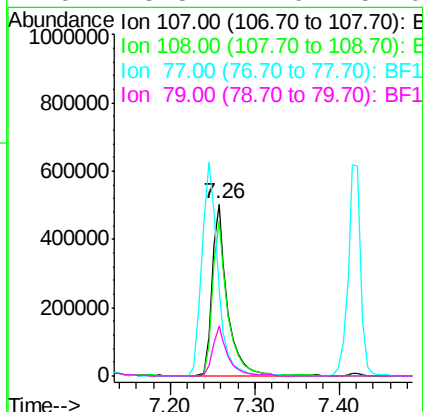
Instrument :
BNA_F
ClientSampleId :
PB119779BS

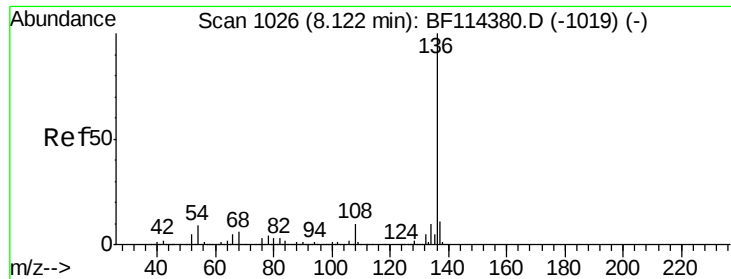
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#20
3+4-Methylphenols
Concen: 48.346 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	635400		
108	90.1	73.8	113.8	
77	50.5	111.5	151.5#	
79	28.8	12.0	52.0	





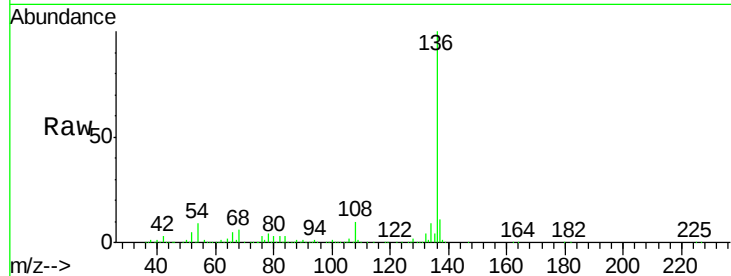
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

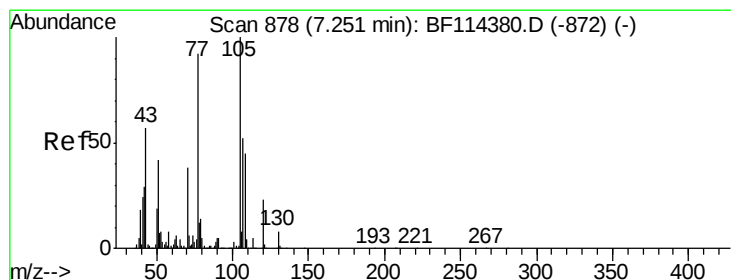
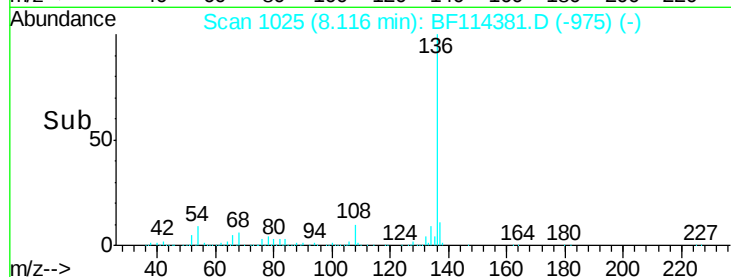
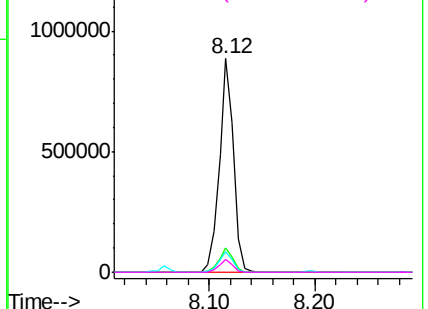
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	835273		
137	11.2	8.8	13.2	
54	9.4	7.8	11.8	
68	6.3	5.1	7.7	

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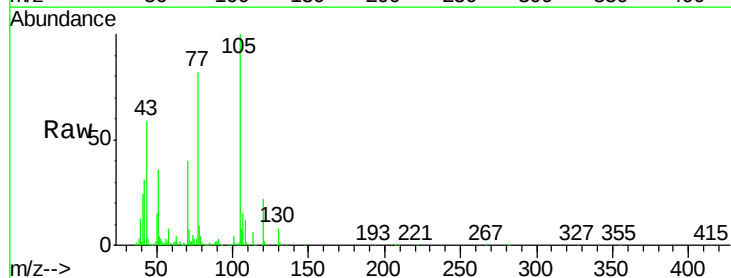


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

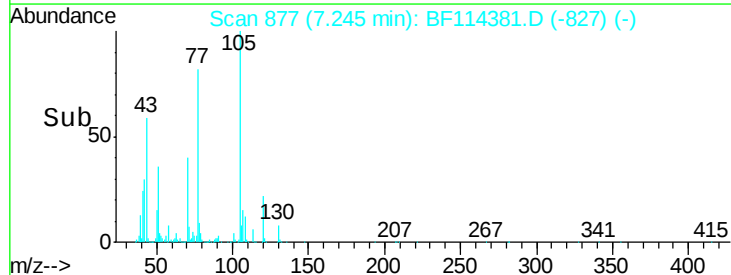
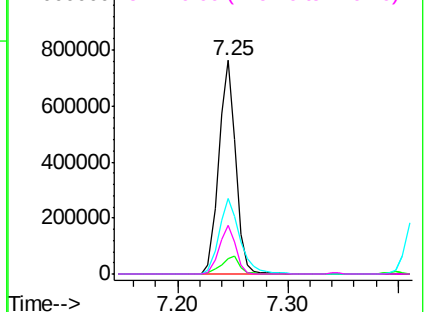


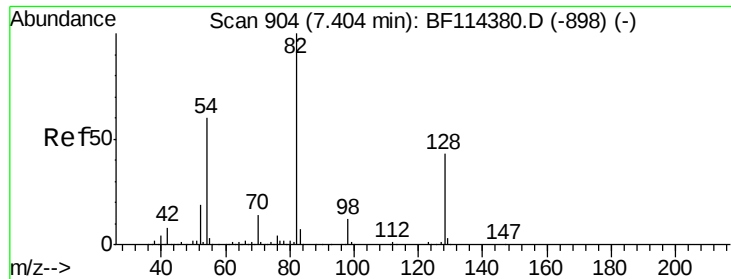
#22
Acetophenone
Concen: 43.597 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	806721		
71	7.0	5.3	7.9	
51	35.6	36.2	54.4	
120	22.5	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





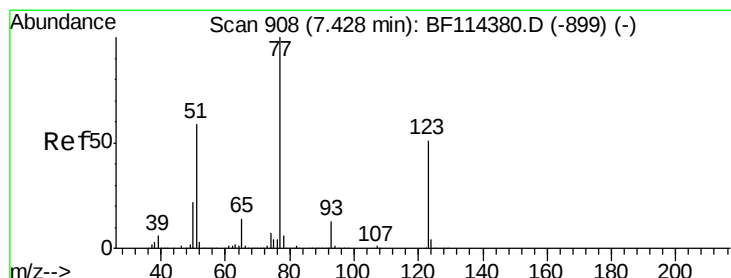
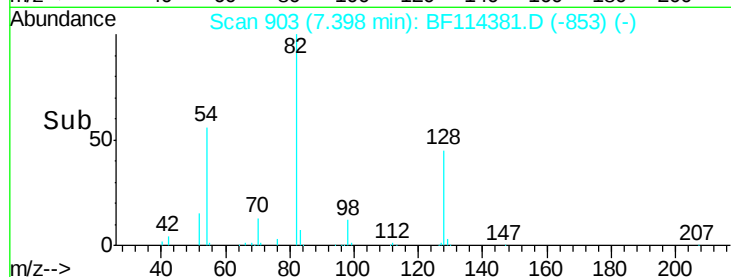
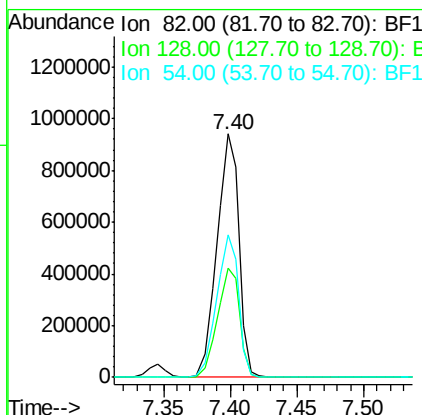
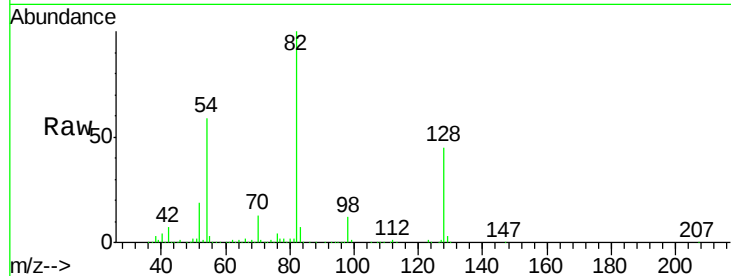
#23
 Nitrobenzene-d5
 Concen: 73.773 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tgt Ion: 82 Resp: 1098015
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.5 53.3
 54 58.6 48.5 72.7

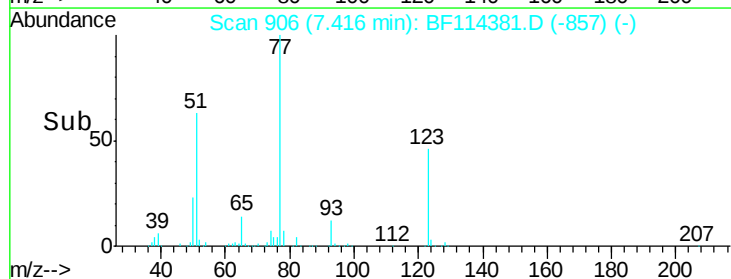
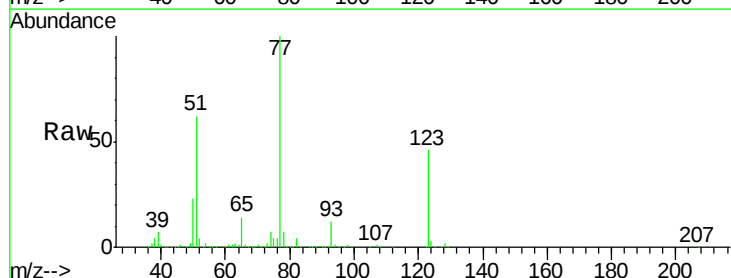
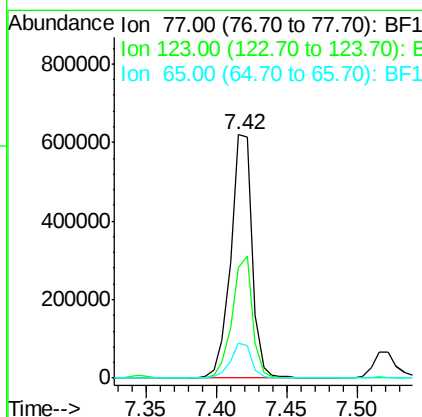
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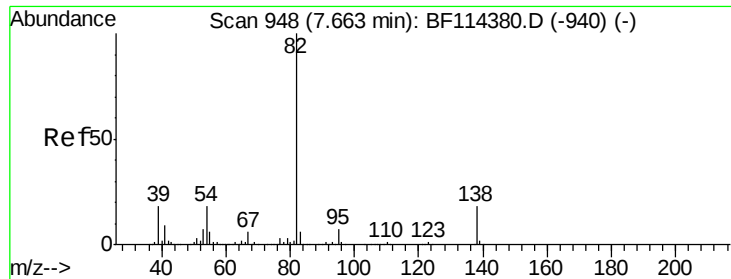
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#24
 Nitrobenzene
 Concen: 42.931 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion: 77 Resp: 650796
 Ion Ratio Lower Upper
 77 100
 123 45.6 36.9 55.3
 65 14.3 11.8 17.6





#25

Isophorone

Concen: 43.037 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB119779BS

Tgt Ion: 82 Resp: 1187968

Ion Ratio Lower Upper

82 100

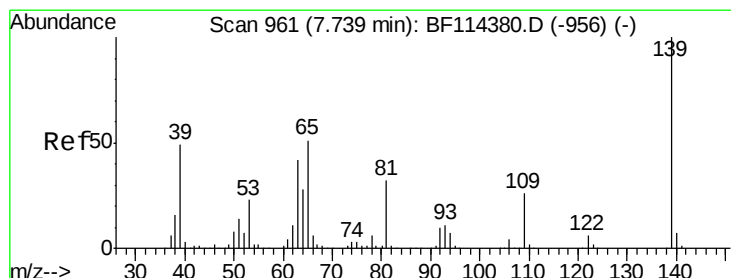
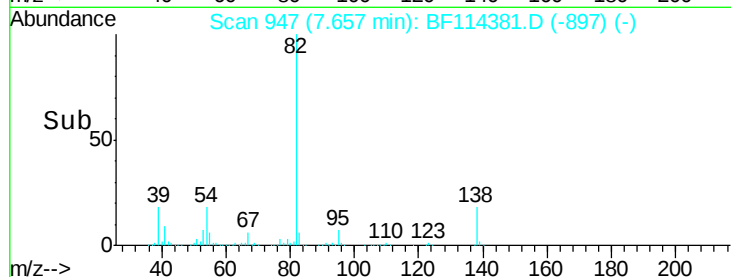
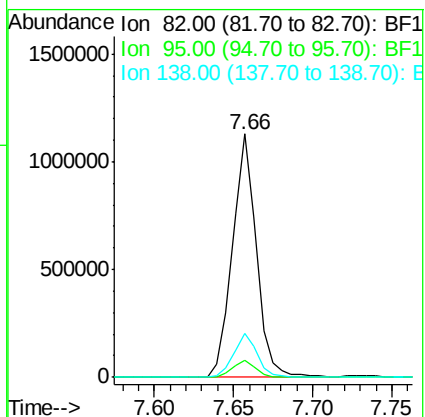
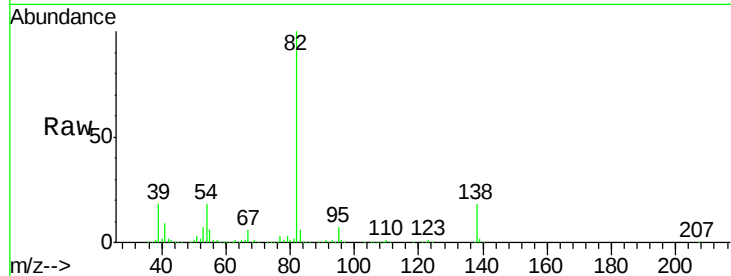
95 6.8 5.6 8.4

138 18.0 14.8 22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.753 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

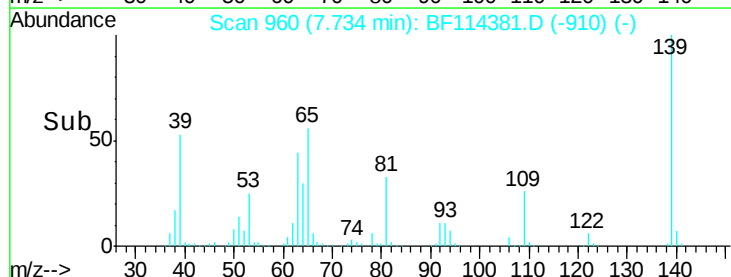
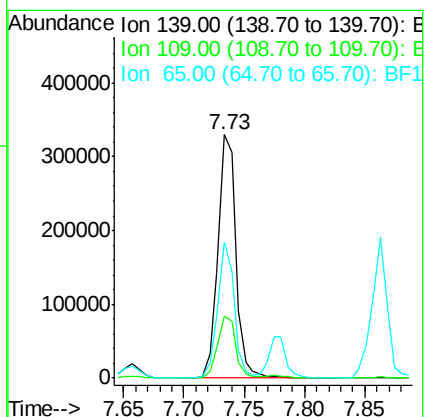
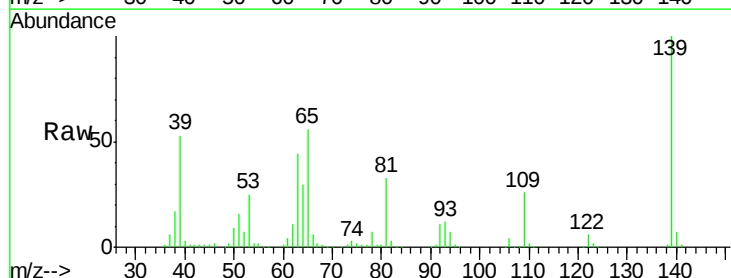
Tgt Ion: 139 Resp: 336498

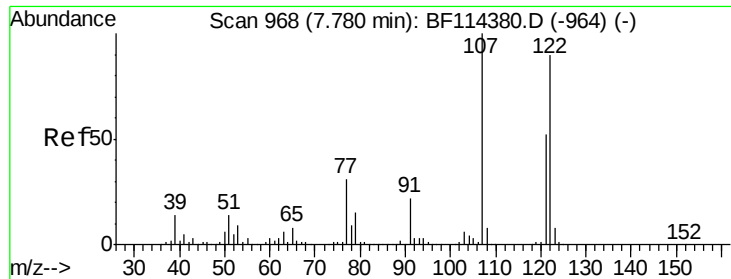
Ion Ratio Lower Upper

139 100

109 25.7 20.7 31.1

65 56.1 40.2 60.2





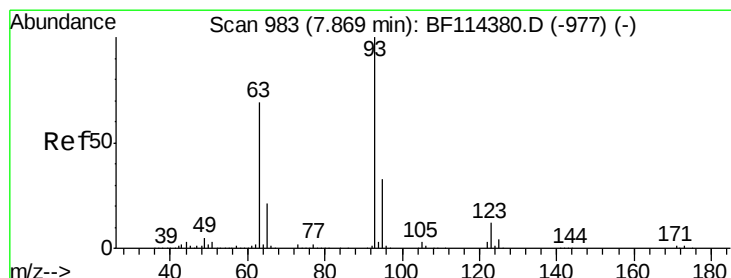
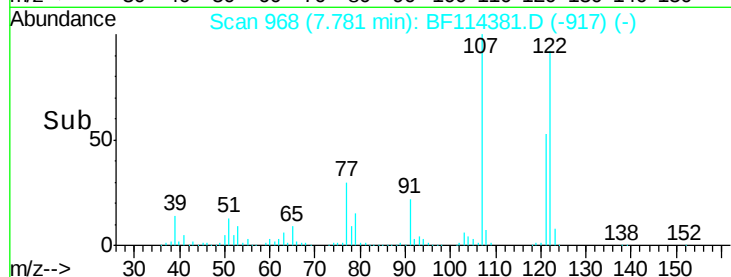
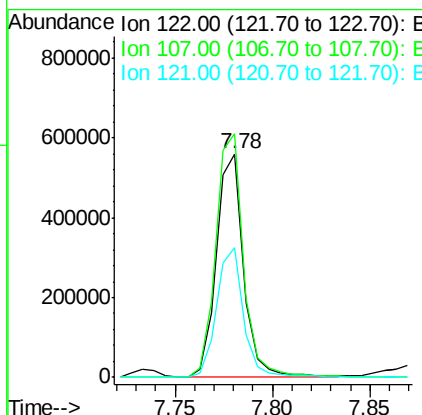
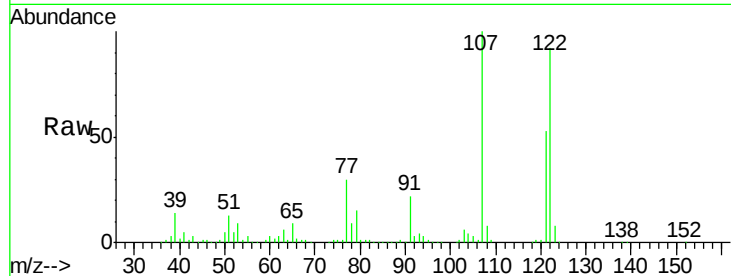
#27
2,4-Dimethylphenol
Concen: 46.970 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	542555		
107	109.1	88.4	132.6	
121	57.9	45.9	68.9	

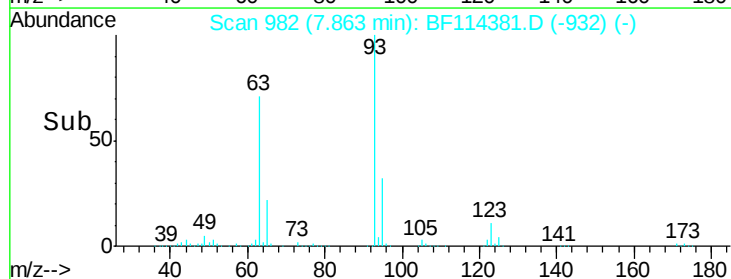
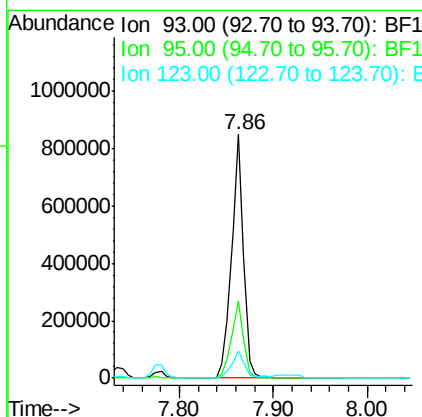
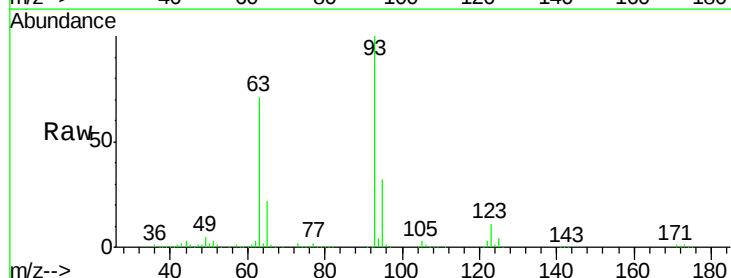
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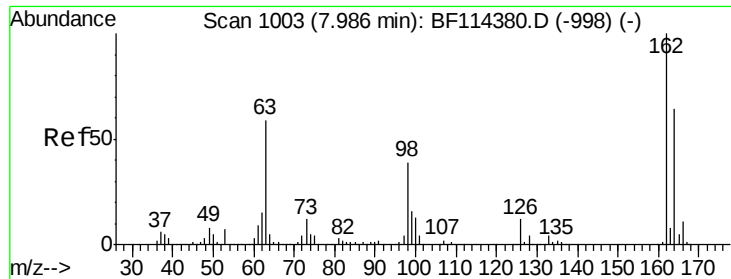
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.179 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	755431		
95	31.8	26.8	40.2	
123	11.2	9.5	14.3	





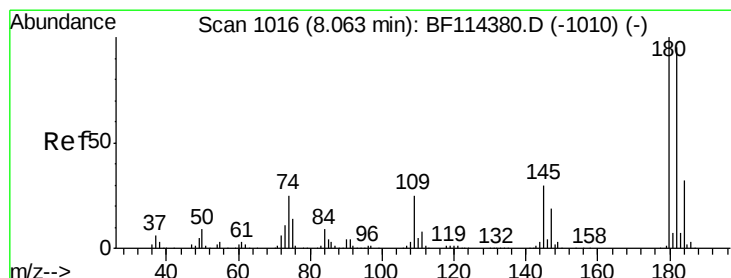
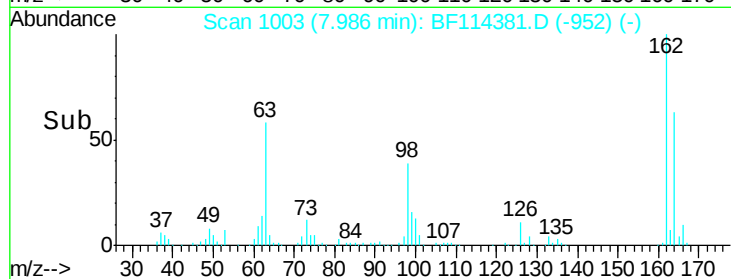
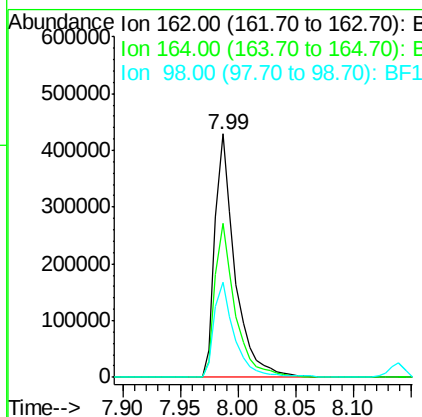
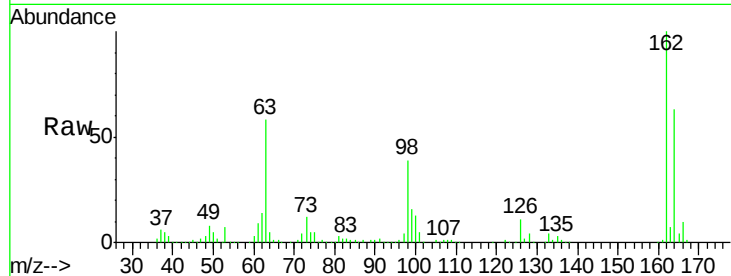
#29
2,4-Dichlorophenol
Concen: 44.997 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampled :
PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	517556		
164	63.3	43.6	83.6	
98	39.0	20.6	60.6	

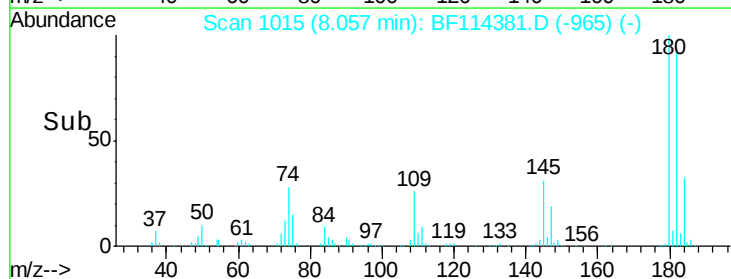
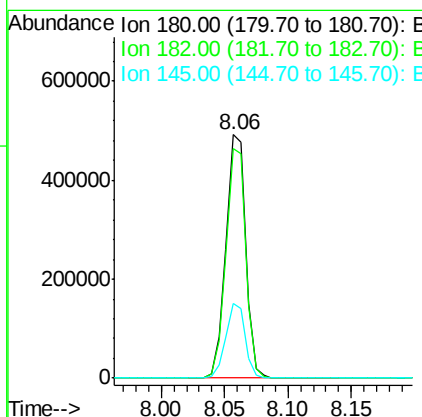
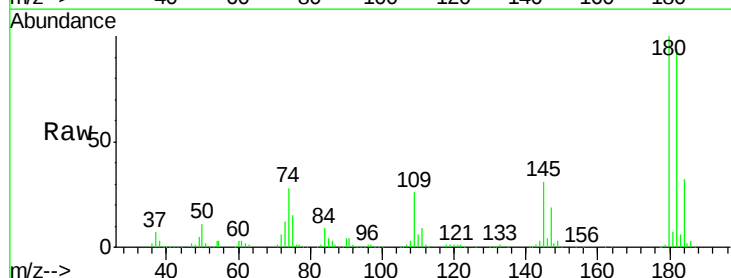
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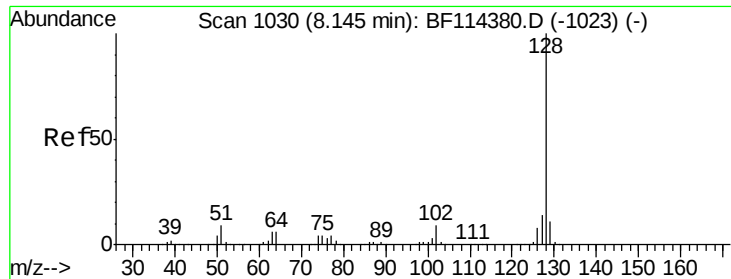
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.566 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	530581		
182	94.3	76.6	114.8	
145	30.6	25.1	37.7	





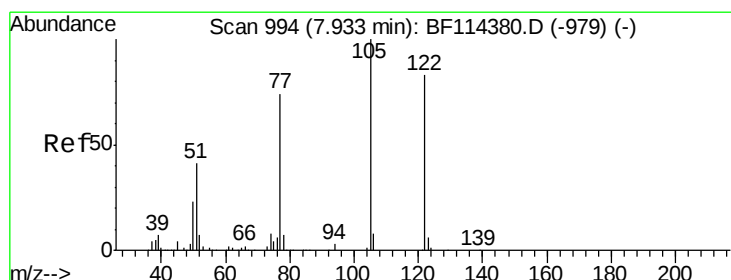
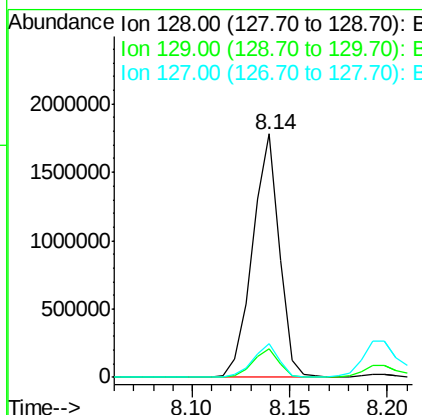
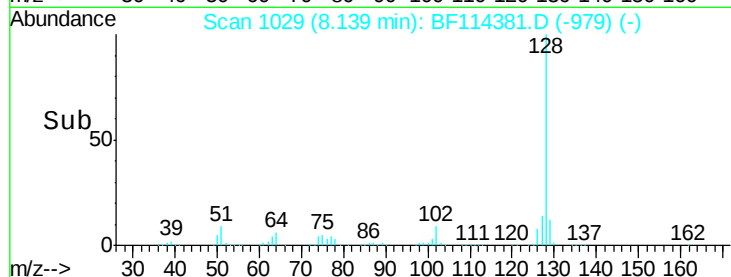
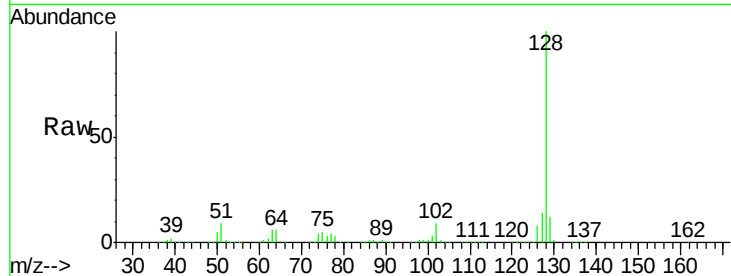
#31
Naphthalene
Concen: 43.331 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.9	11.3	16.9

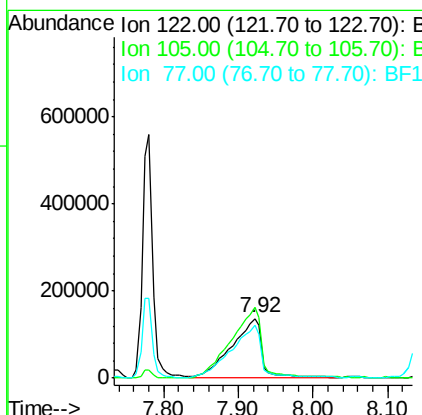
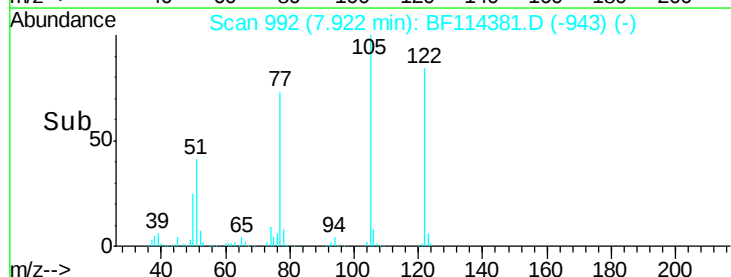
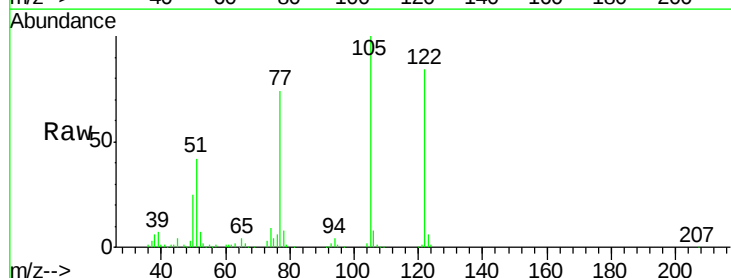
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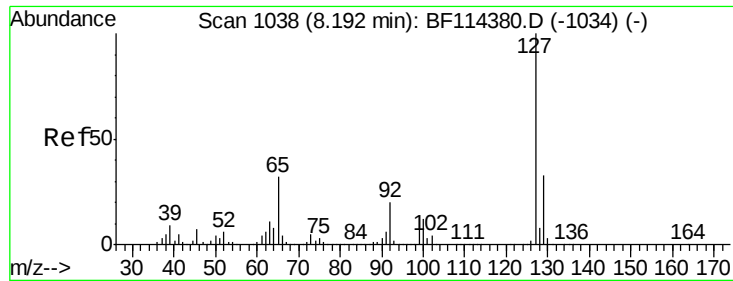
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#32
Benzoic acid
Concen: 46.266 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	99.9	139.9
77	88.3	69.4	109.4





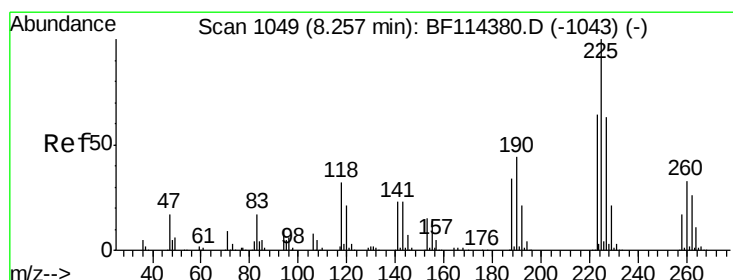
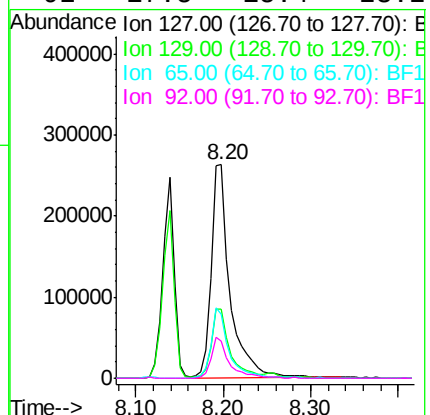
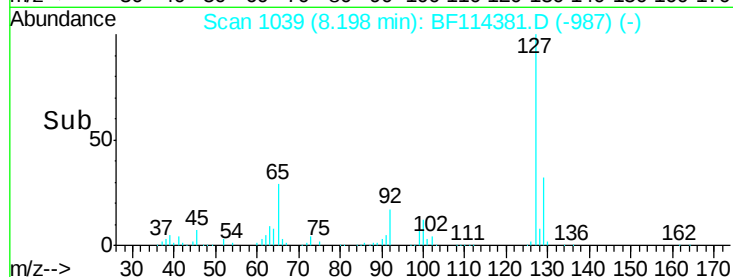
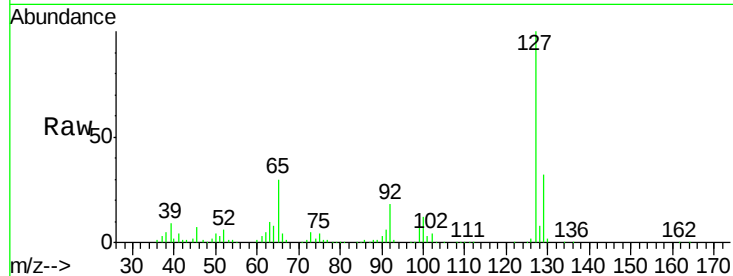
#33
4-Chloroaniline
Concen: 22.180 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	26.7	40.1
65	30.0	25.4	38.0
92	17.5	15.4	23.2

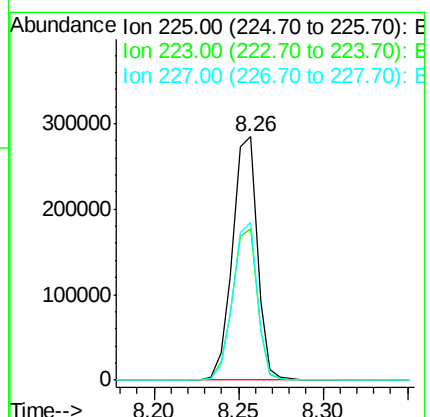
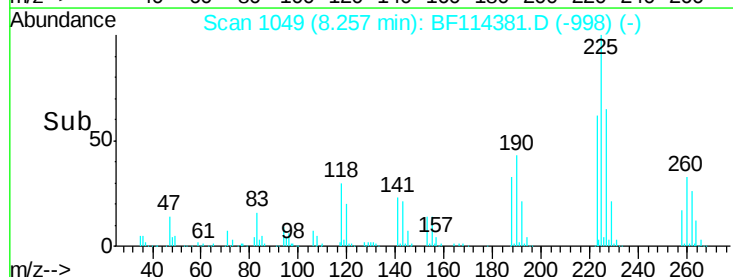
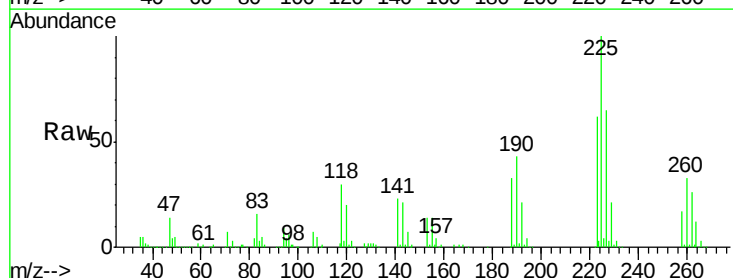
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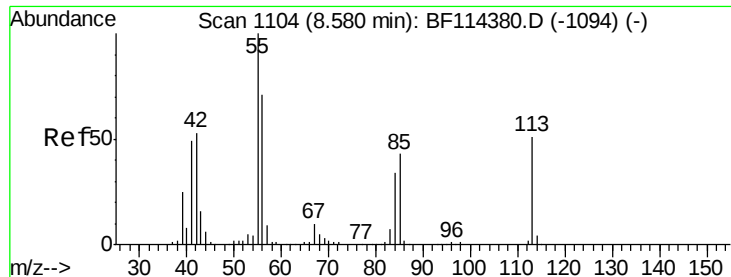
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#34
Hexachlorobutadiene
Concen: 39.085 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.4	50.2	75.2
227	65.0	52.6	79.0





#35

Caprolactam

Concen: 45.615 ng m

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

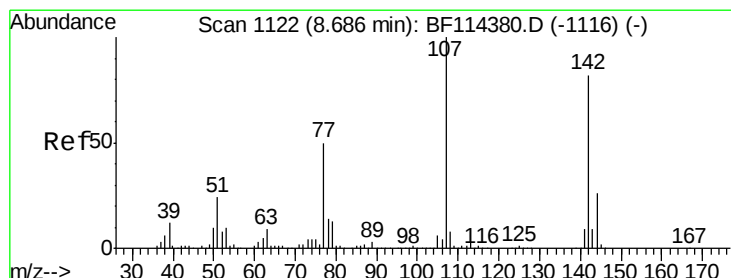
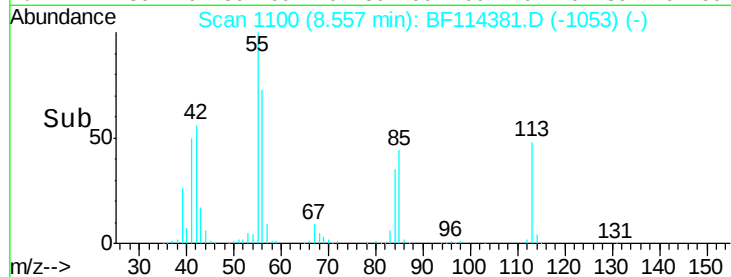
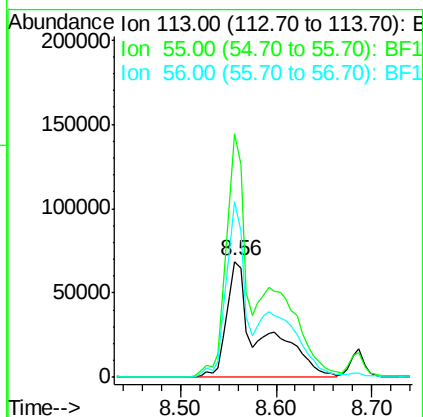
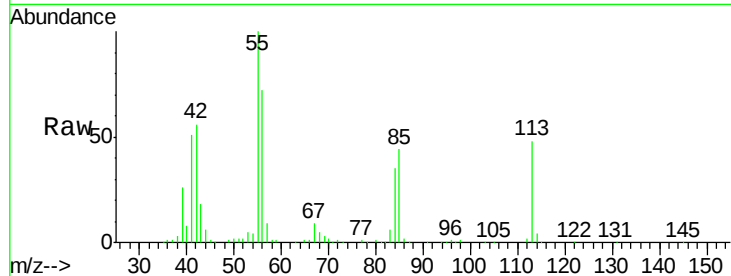
ClientSampleId :

PB119779BS

Tgt Ion:	113	Resp:	171081
Ion Ratio	Lower	Upper	
113	100		
55	209.7	183.5	223.5
56	151.6	128.8	168.8

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#36

4-Chloro-3-methylphenol

Concen: 46.071 ng

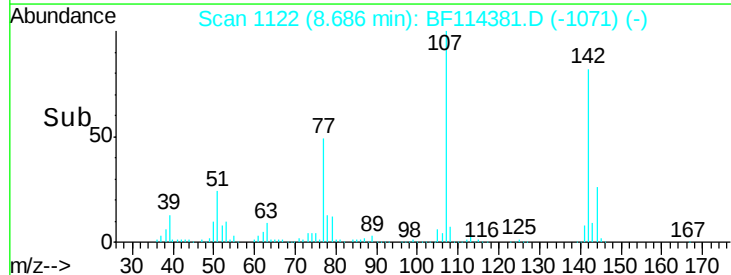
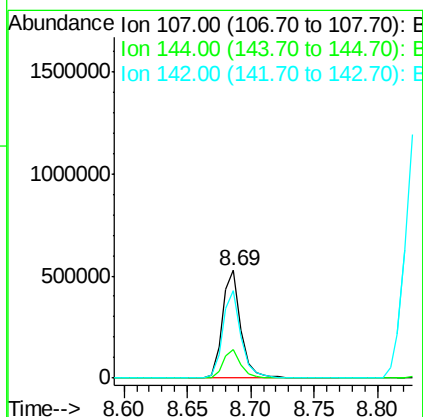
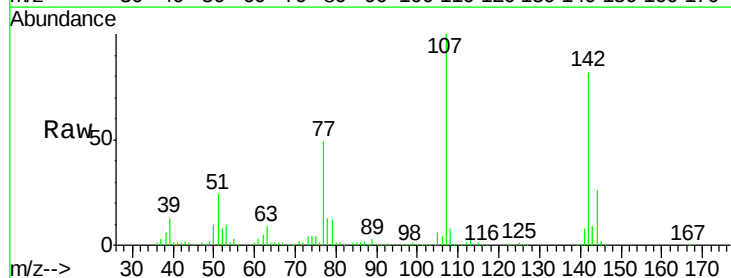
RT: 8.69 min Scan# 1122

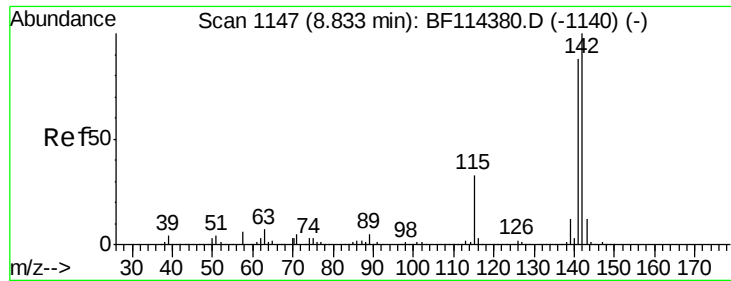
Delta R.T. 0.00 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	107	Resp:	533401
Ion Ratio	Lower	Upper	
107	100		
144	26.5	20.4	30.6
142	81.7	64.2	96.4





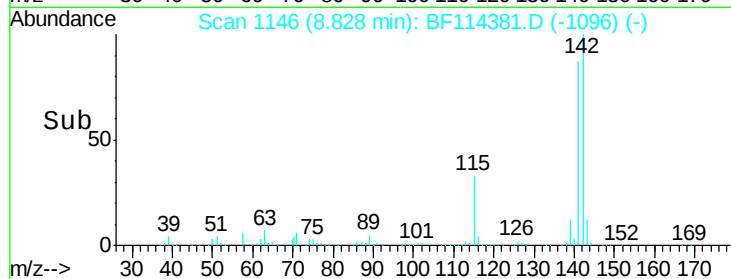
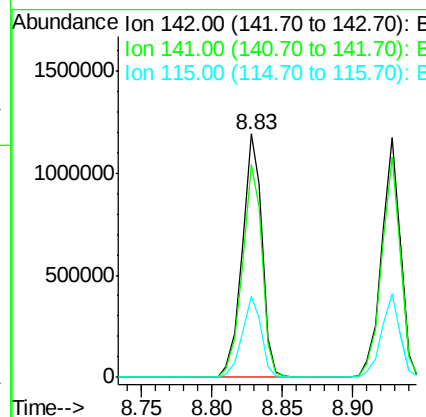
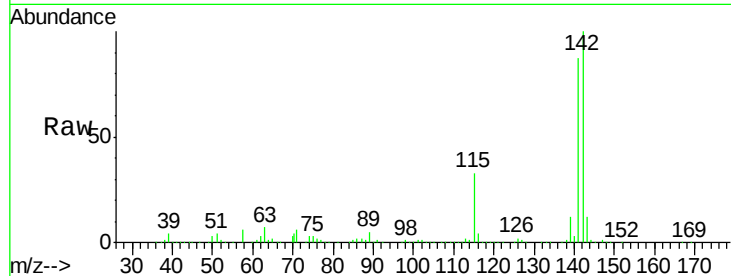
#37
2-Methylnaphthalene
Concen: 45.986 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion:142 Resp: 1157628
Ion Ratio Lower Upper
142 100
141 87.4 72.1 108.1
115 33.3 28.0 42.0

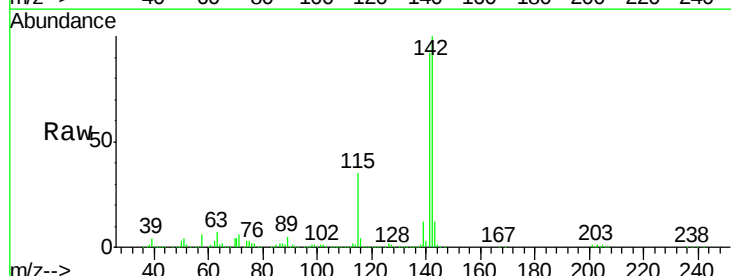
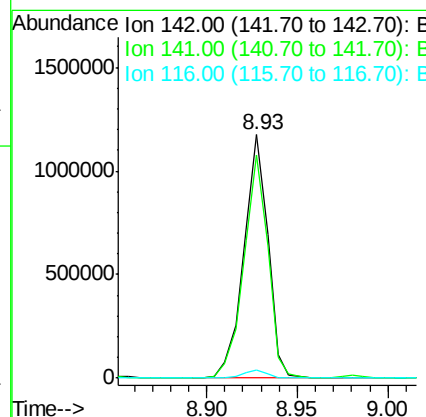
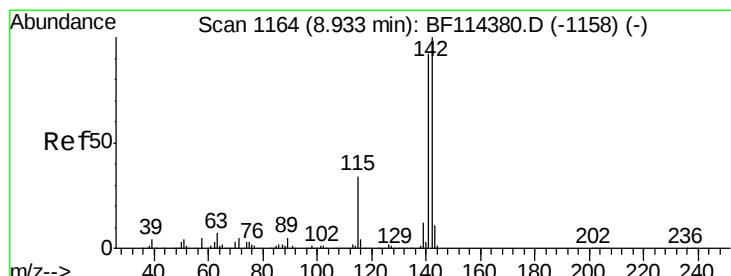
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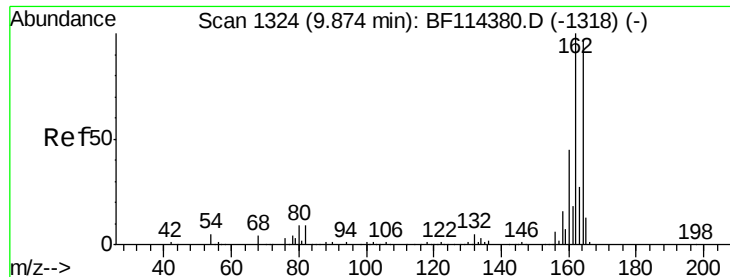
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#38
1-Methylnaphthalene
Concen: 45.782 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:142 Resp: 1085317
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0
116 3.6 3.1 4.7





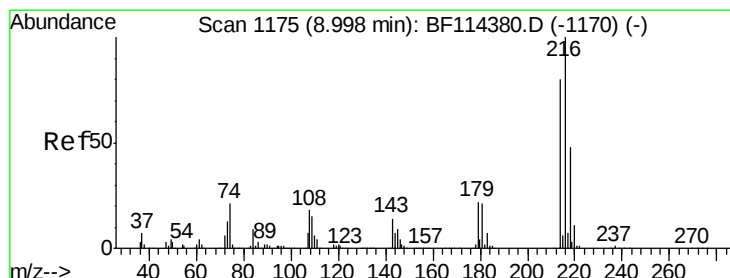
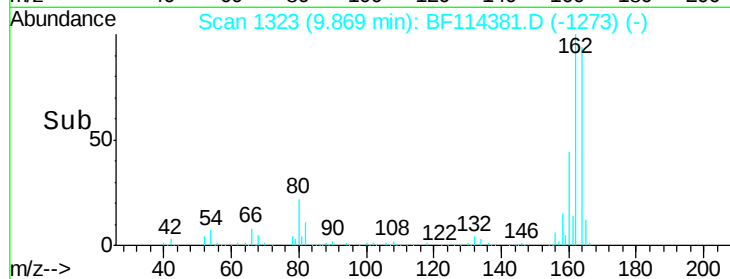
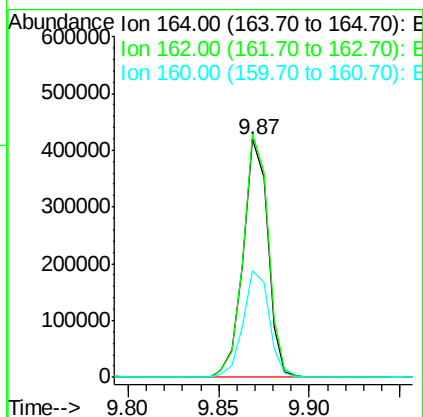
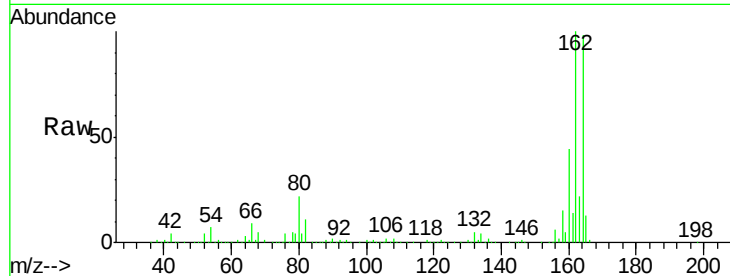
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	399287		
162	102.3	80.6	120.8	
160	45.0	36.5	54.7	

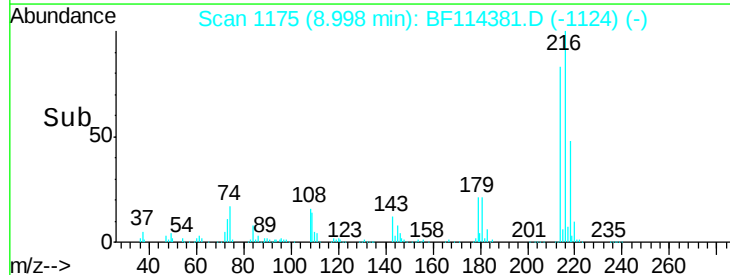
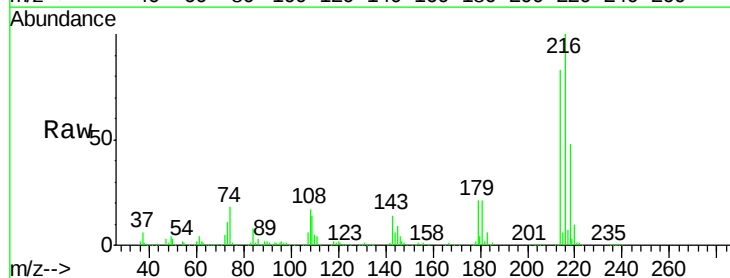
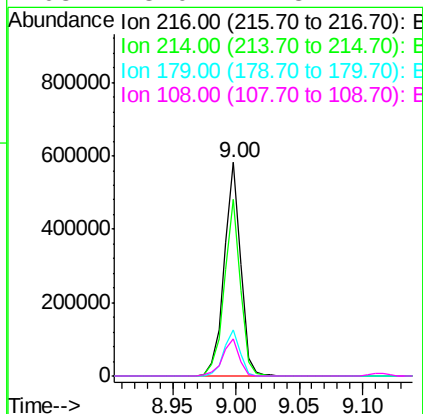
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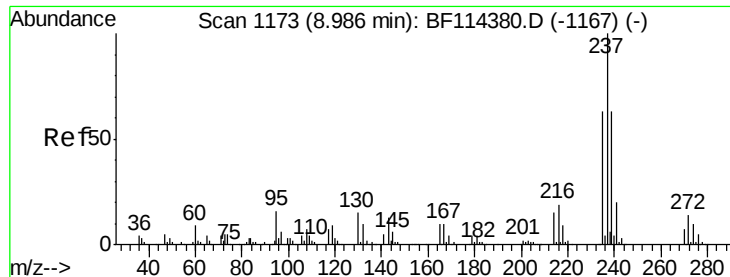
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.316 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	523913		
214	80.3	63.9	95.9	
179	21.2	17.0	25.6	
108	18.0	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 20.715 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

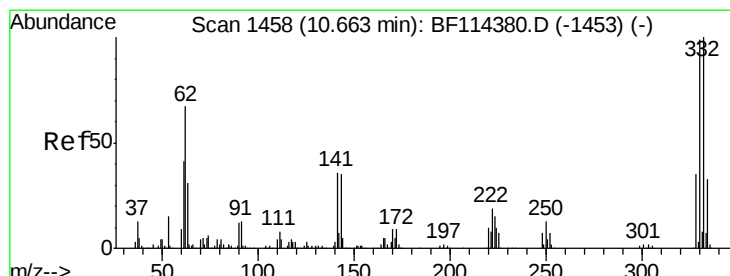
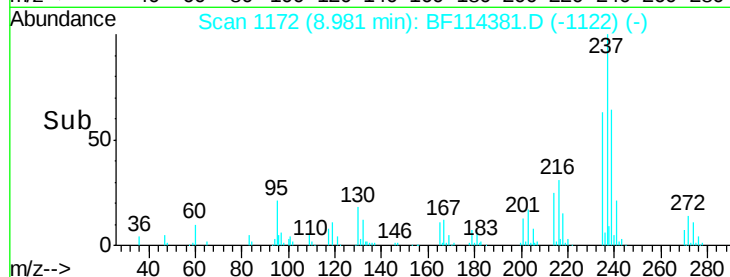
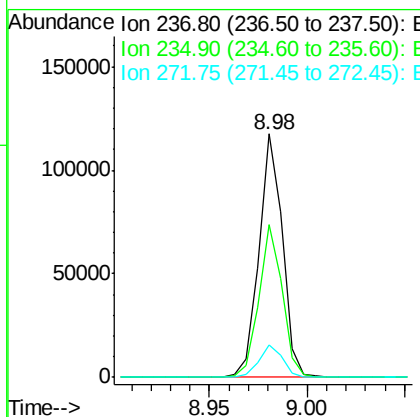
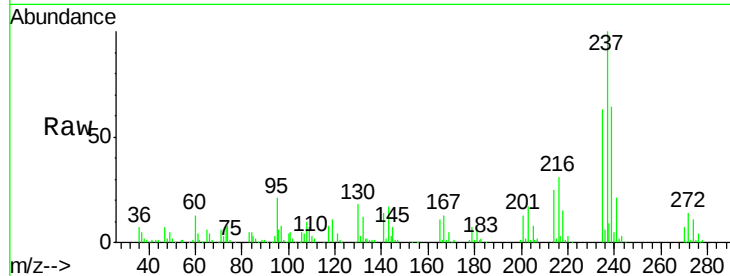
ClientSampleId :

PB119779BS

Tgt Ion:	237	Resp:	97643
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.0	82.0
272	13.5	0.0	32.4

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 116.429 ng

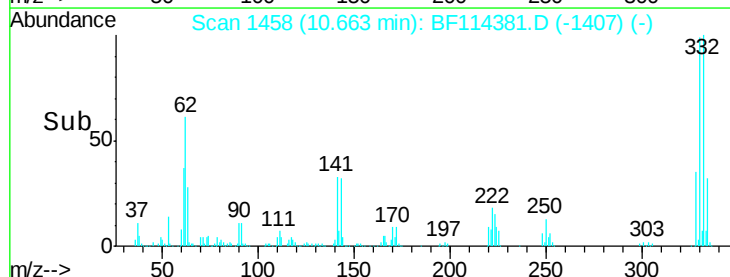
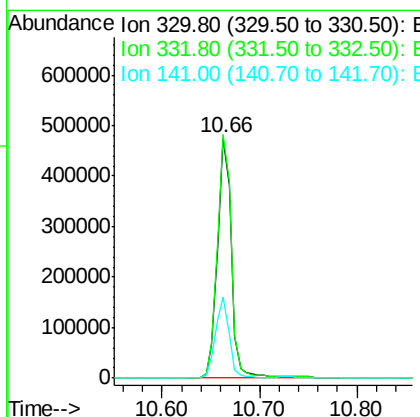
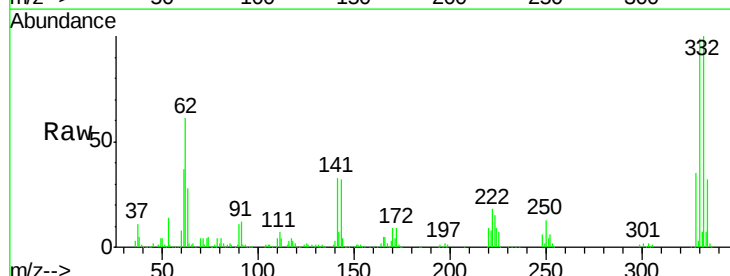
RT: 10.66 min Scan# 1458

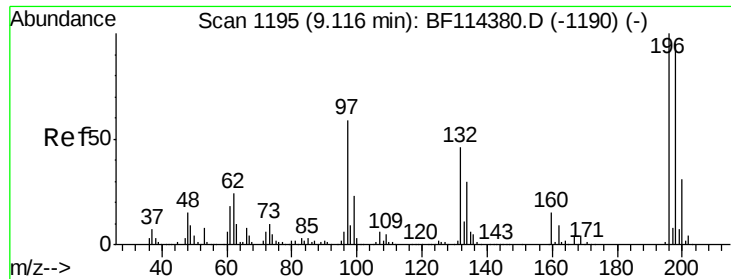
Delta R.T. 0.00 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	330	Resp:	480615
Ion Ratio	Lower	Upper	
330	100		
332	102.7	81.4	122.2
141	32.7	26.6	40.0





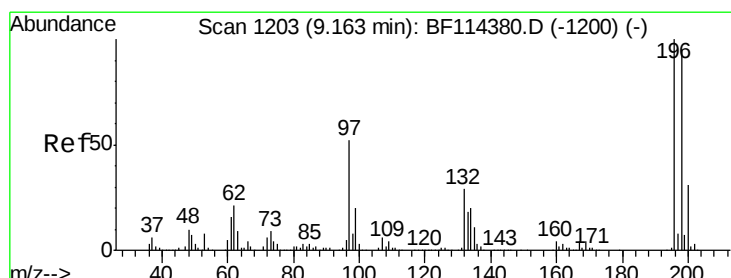
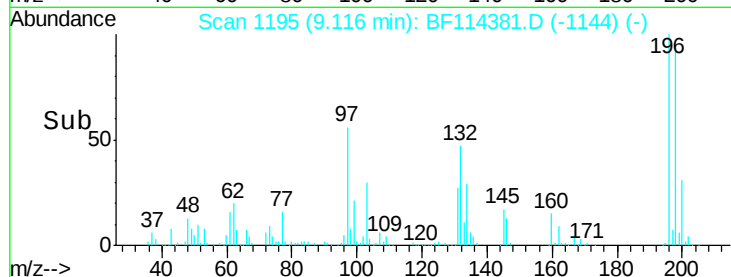
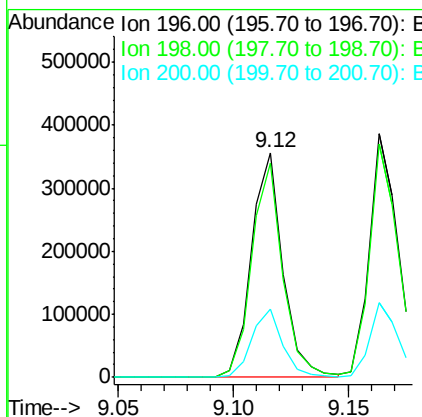
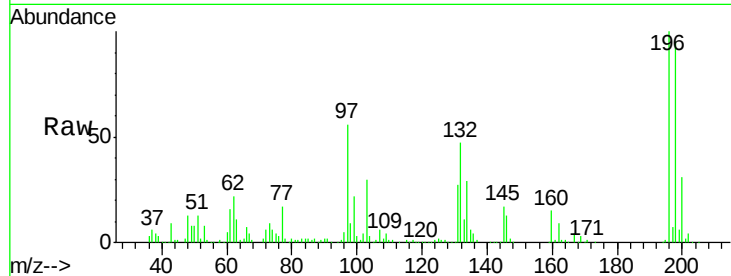
#43
 2,4,6-Trichlorophenol
 Concen: 40.755 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampled :
 PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	339060		
198	95.0	75.9	113.9	
200	30.6	23.5	35.3	

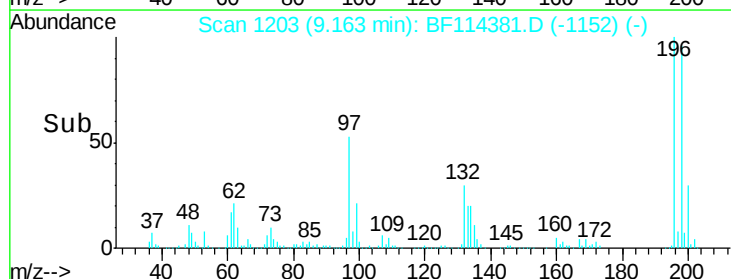
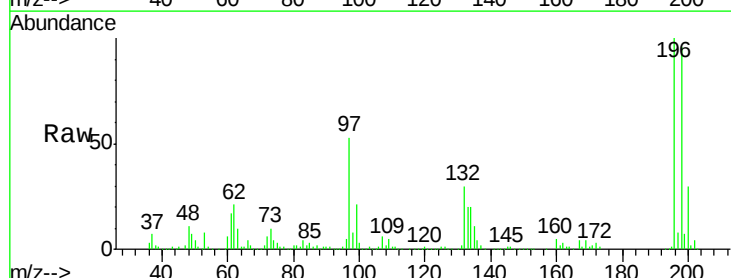
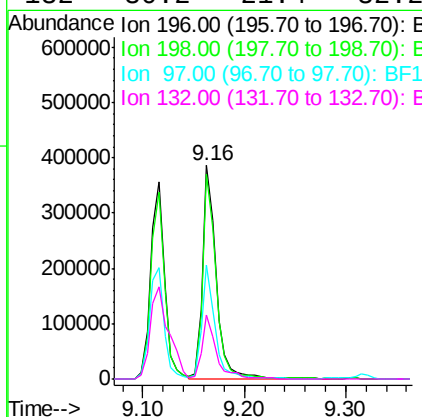
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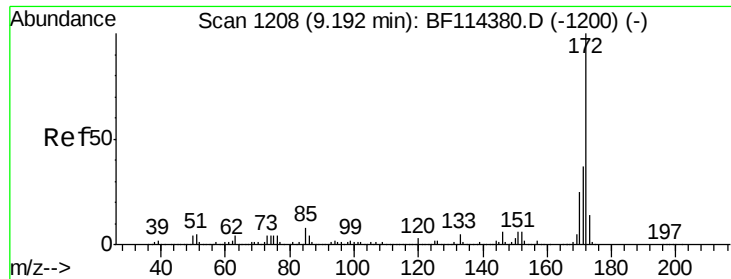
Sohil
 5/21/2019 7:17:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.422 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	361942		
198	95.6	77.7	116.5	
97	53.1	38.2	57.2	
132	30.2	21.4	32.2	





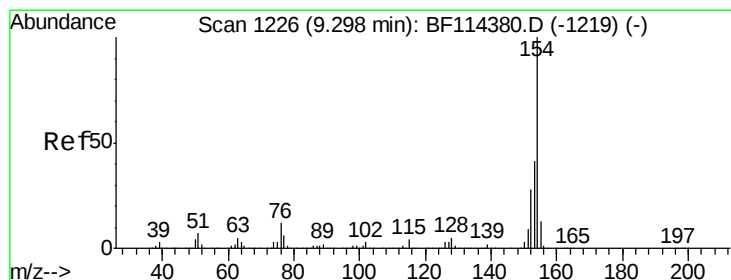
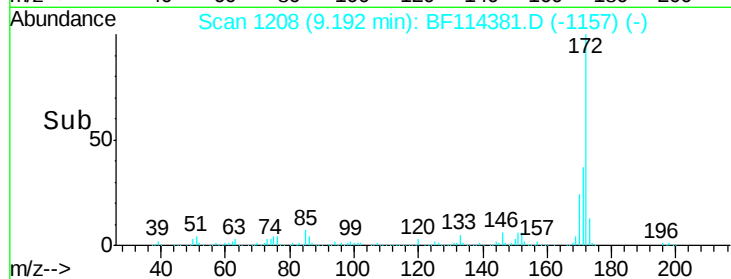
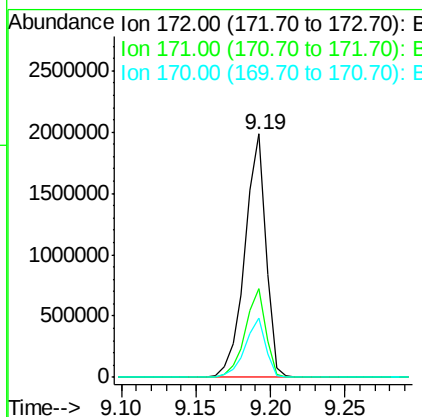
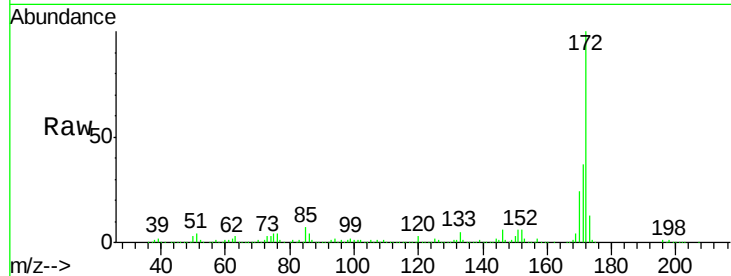
#45
 2-Fluorobiphenyl
 Concen: 73.470 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleID :
 PB119779BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.4	20.5	30.7

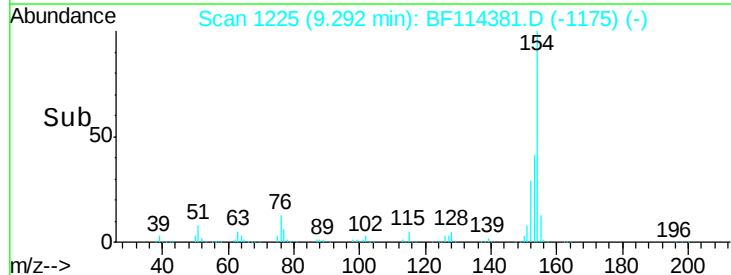
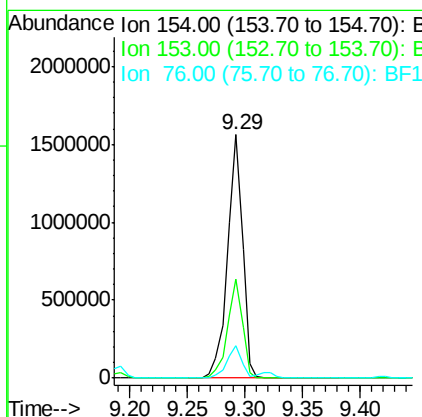
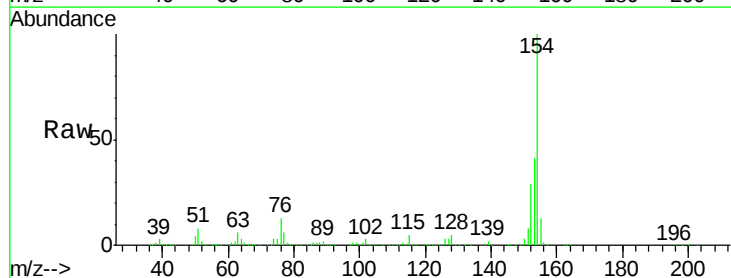
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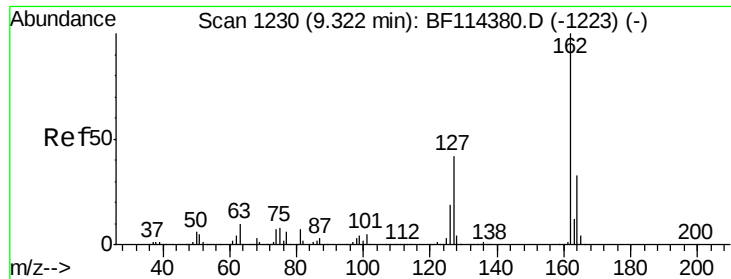
Sohil
 5/21/2019 7:17:03 PM



#46
 1,1'-Biphenyl
 Concen: 43.730 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.9	61.9
76	13.2	0.0	32.8





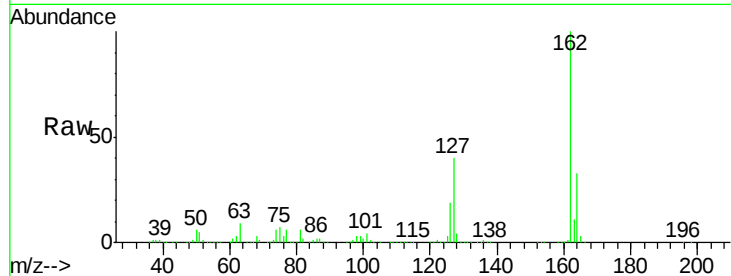
#47
 2-Chloronaphthalene
 Concen: 41.126 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampled :
 PB119779BS

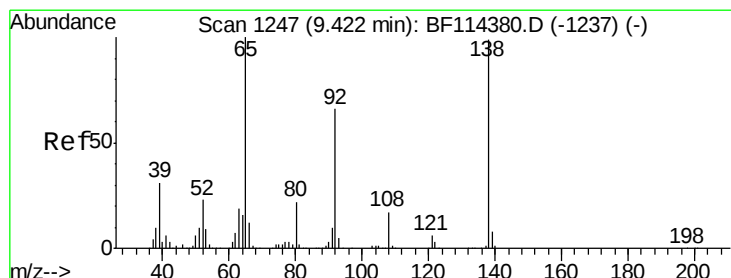
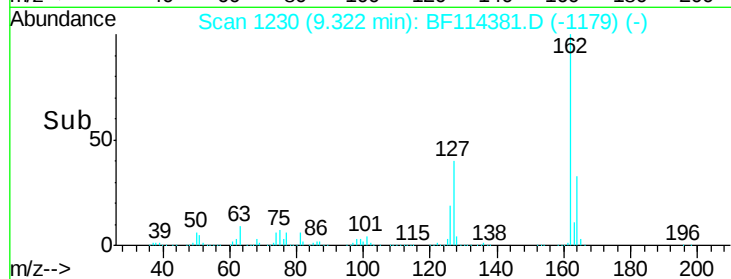
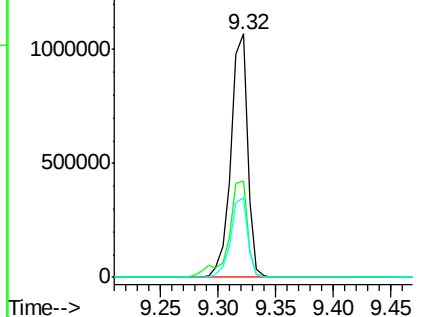
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	34.0	51.0
164	33.0	26.7	40.1

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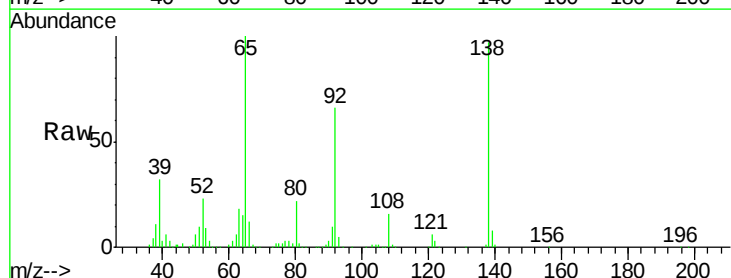


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

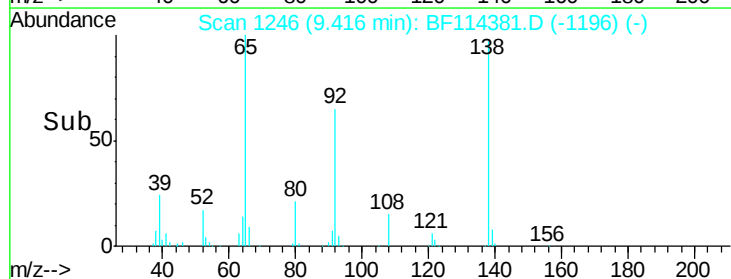
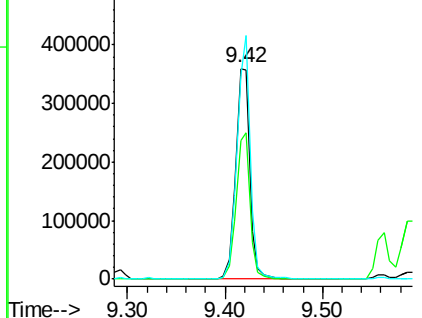


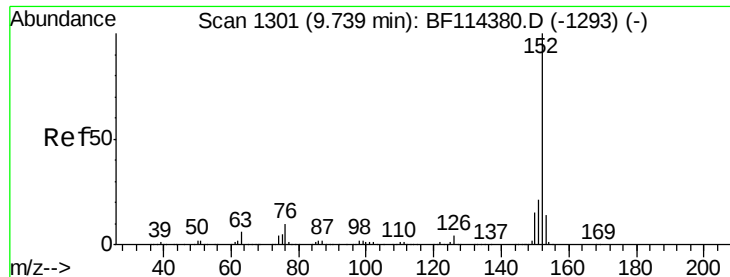
#48
 2-Nitroaniline
 Concen: 39.551 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.9	80.9
138	96.7	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





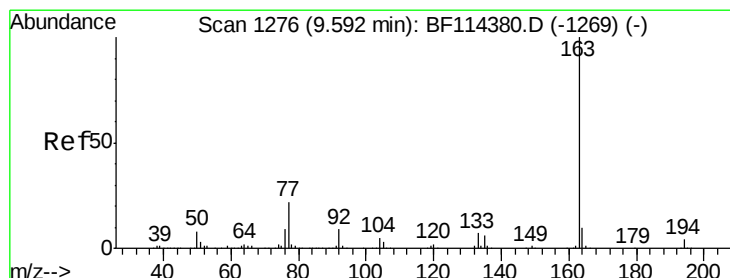
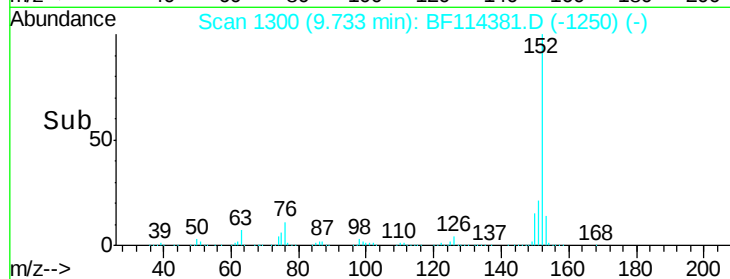
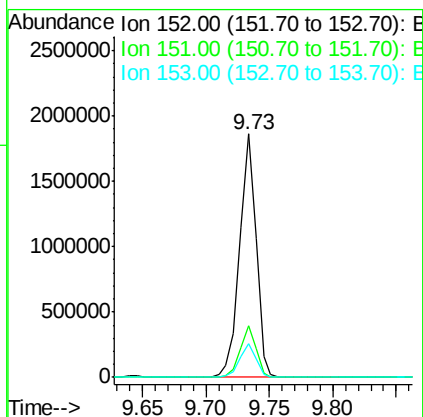
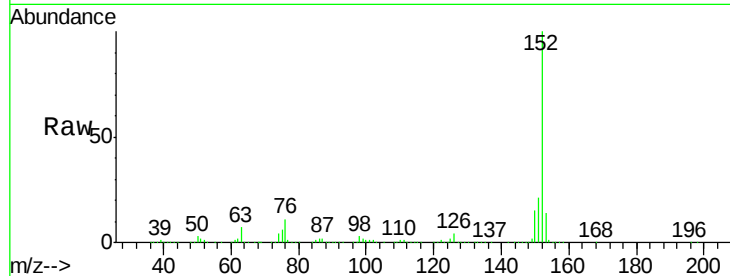
#49
Acenaphthylene
Concen: 42.230 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.9	11.4	17.2

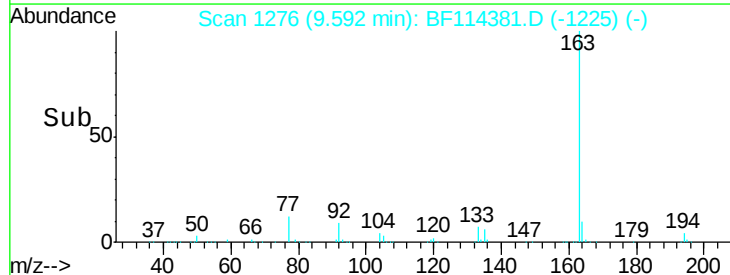
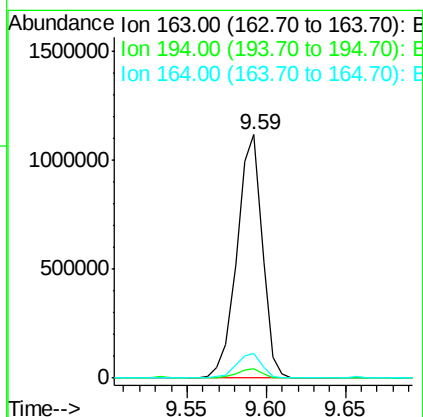
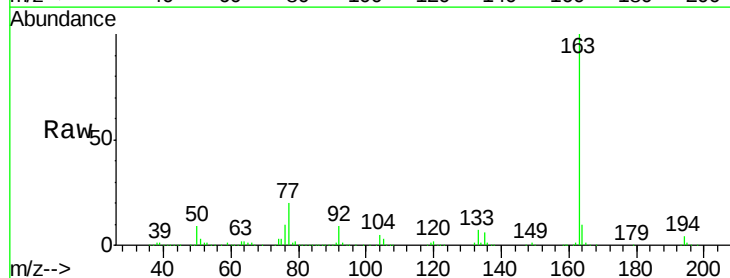
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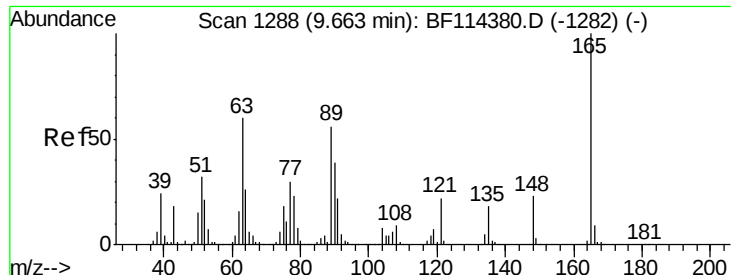
Sohil
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#50
Dimethylphthalate
Concen: 42.073 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

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





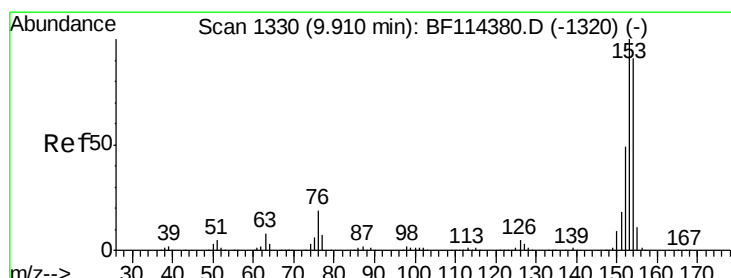
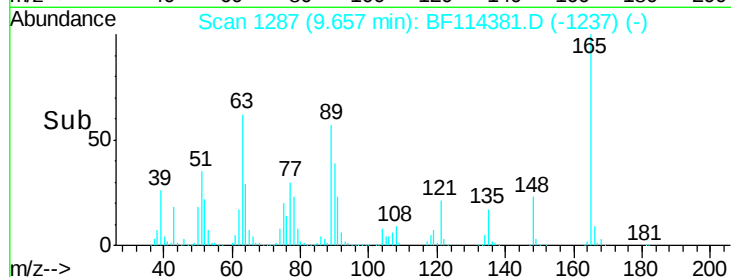
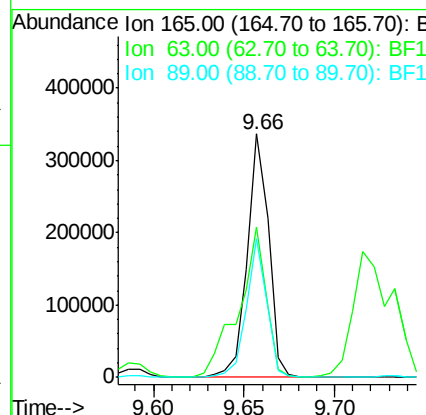
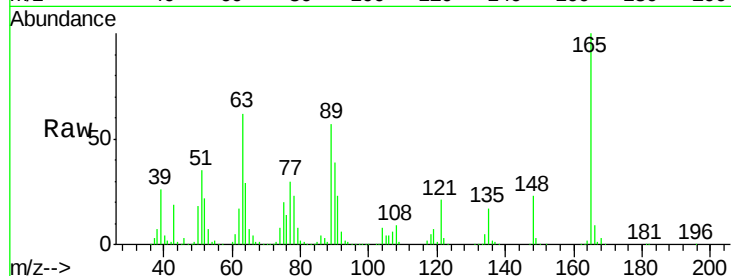
#51
2,6-Dinitrotoluene
Concen: 42.416 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	275760		
63	61.7	50.2	75.4	
89	57.1	46.6	69.8	

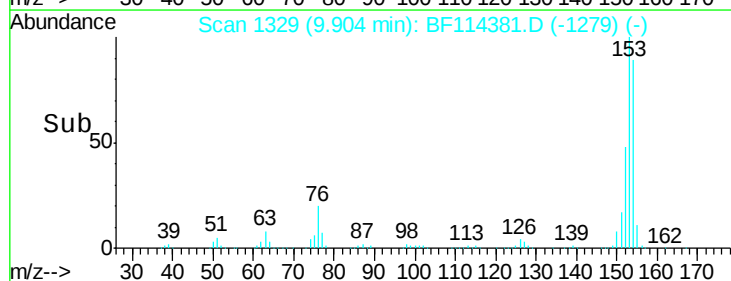
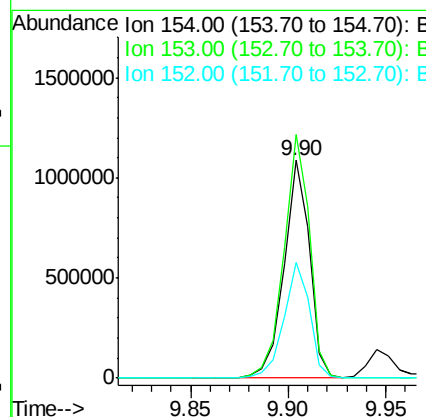
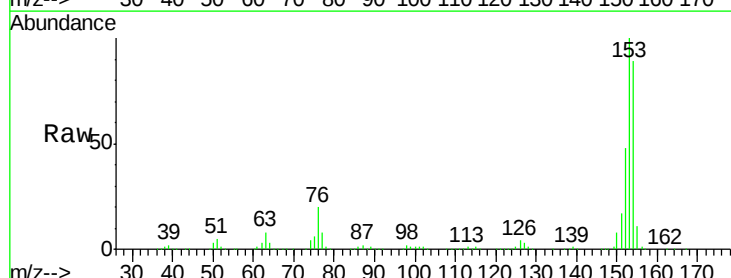
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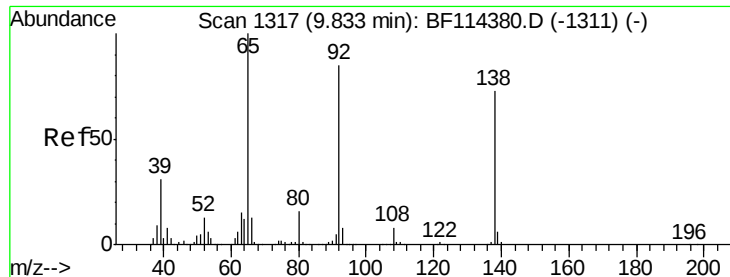
Sohil
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#52
Acenaphthene
Concen: 40.627 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	984338		
153	111.8	90.5	135.7	
152	53.2	43.4	65.2	





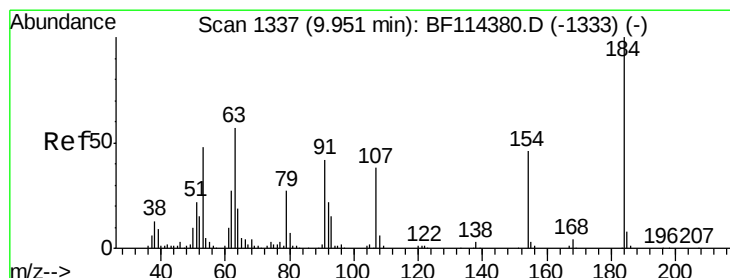
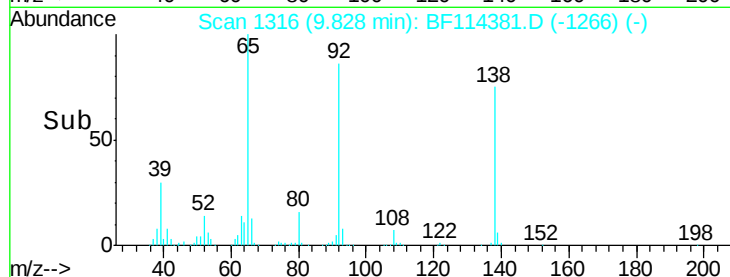
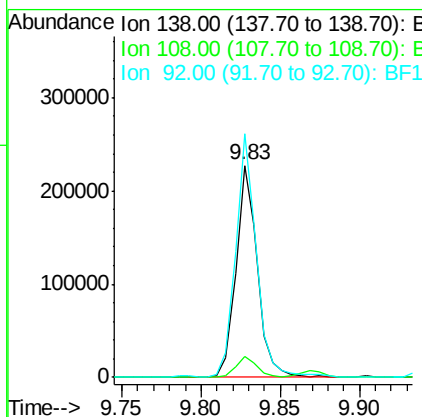
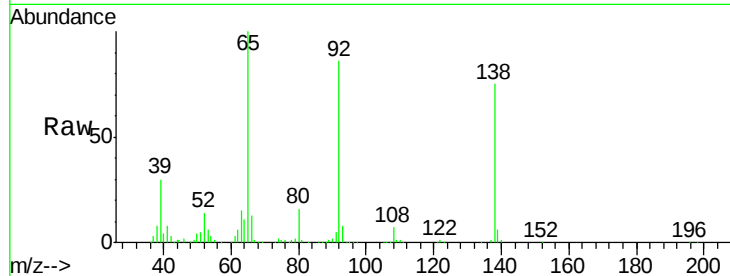
#53
3-Nitroaniline
Concen: 26.274 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	212039		
108	9.6	7.8	11.6	
92	114.8	91.2	136.8	

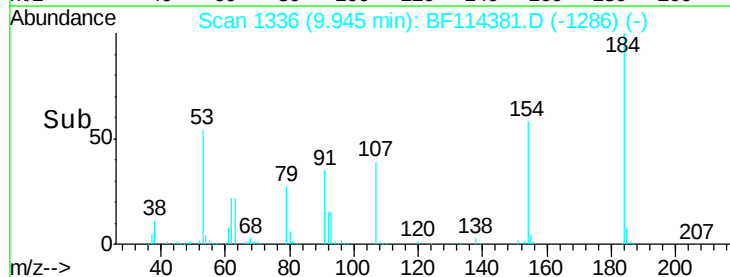
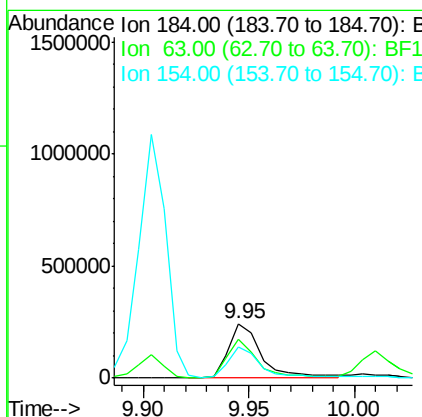
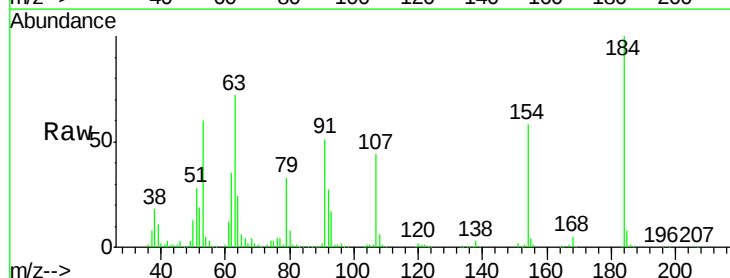
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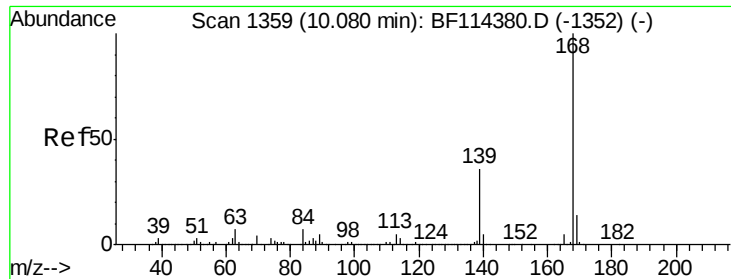
Sohil
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#54
2,4-Dinitrophenol
Concen: 81.700 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	267593		
63	72.0	55.6	83.4	
154	58.0	46.0	69.0	





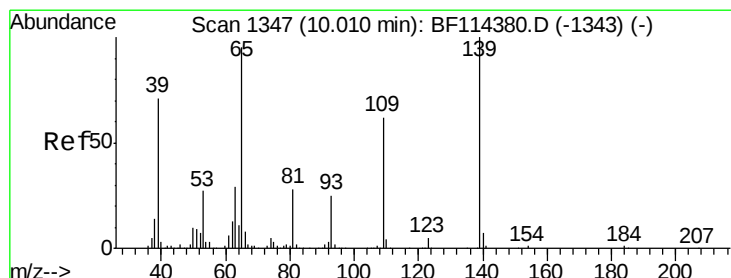
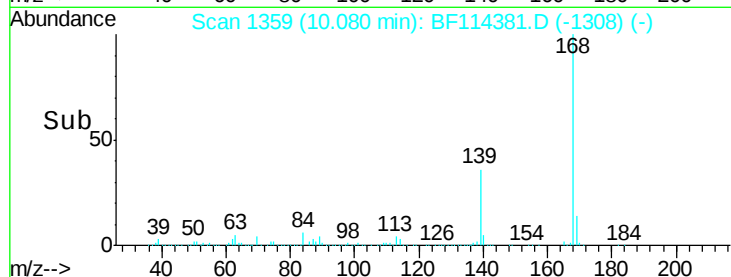
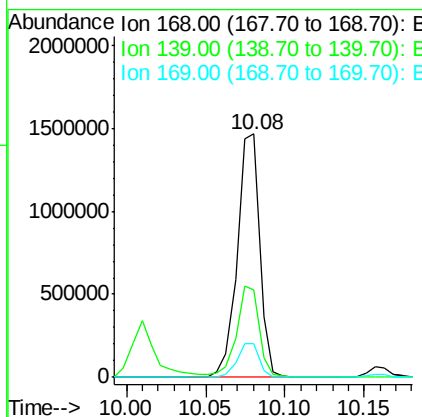
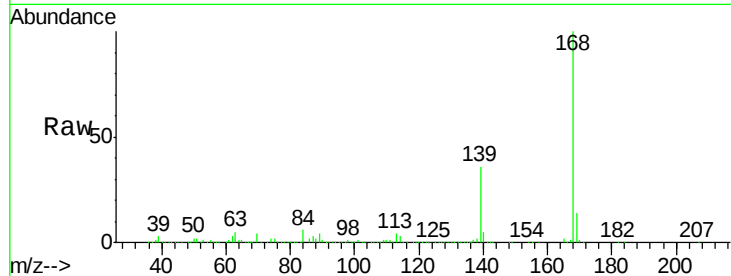
#55
Dibenzenofuran
Concen: 40.651 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	31.1	46.7
169	13.7	11.4	17.0

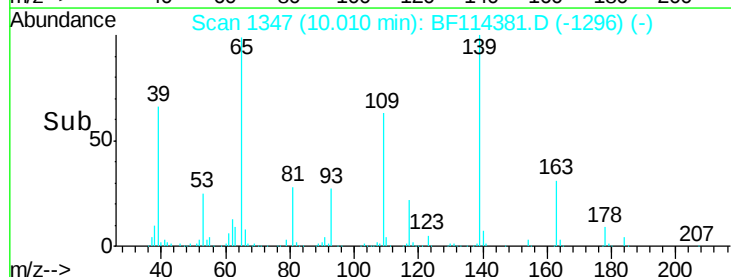
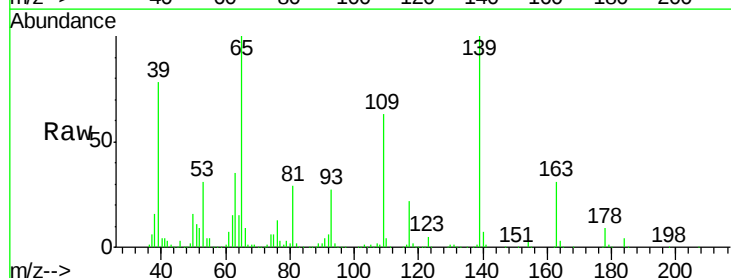
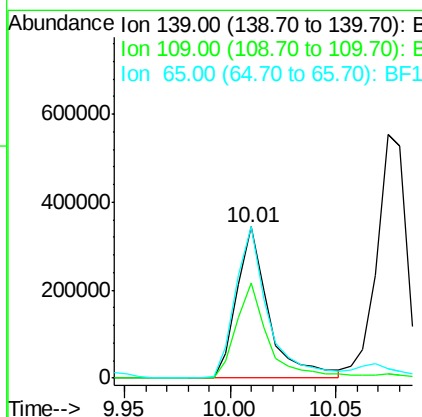
Manual Integrations
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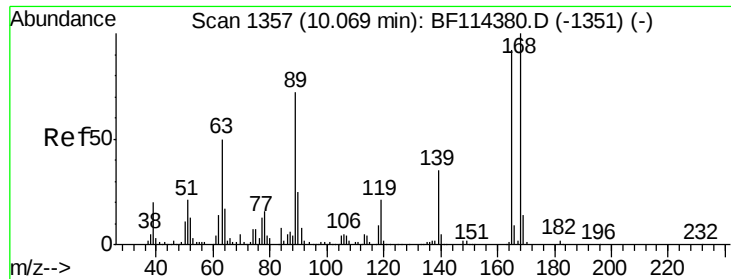
Sohil
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#56
4-Nitrophenol
Concen: 63.526 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.6	43.9	83.9
65	99.8	85.7	125.7





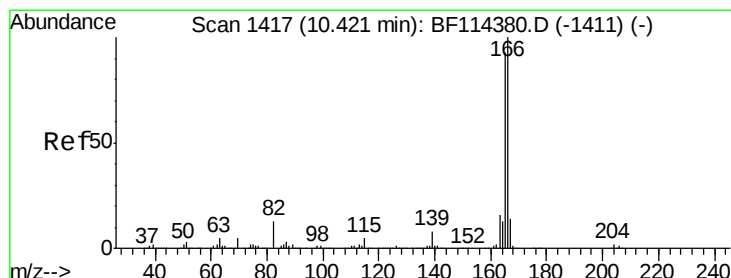
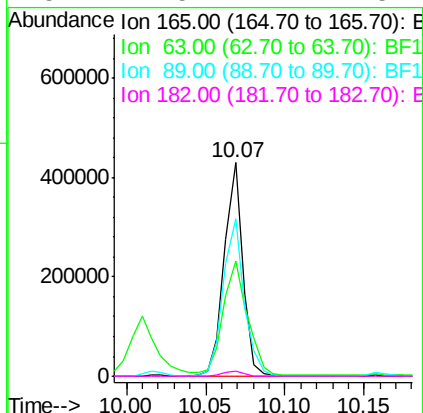
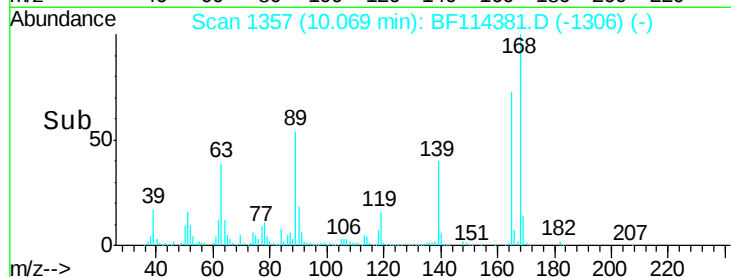
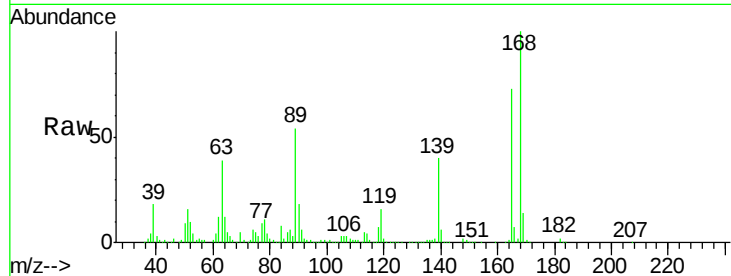
#57
2,4-Dinitrotoluene
Concen: 39.752 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	350772		
63	54.2	35.5	53.3#	
89	73.8	55.2	82.8	
182	2.5	2.2	3.2	

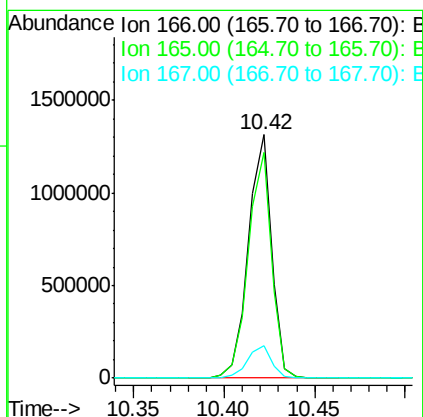
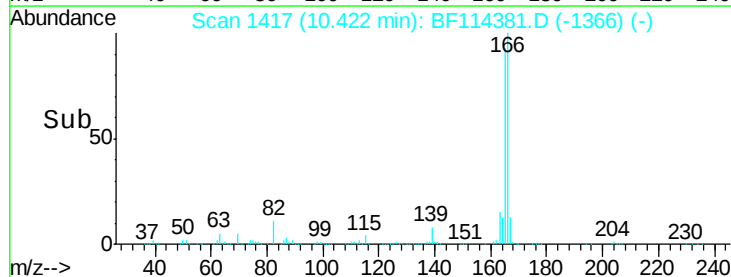
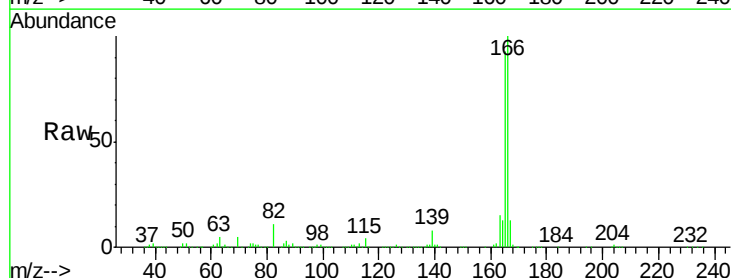
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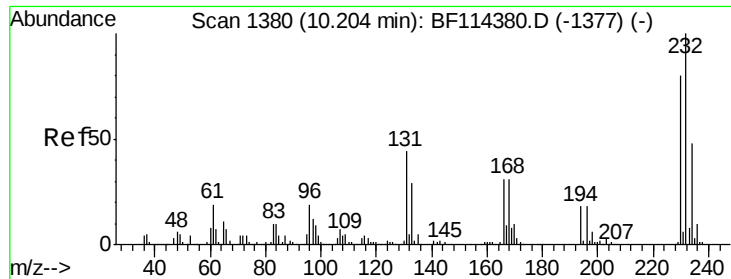
Sohil
5/21/2019 7:17:03 PM



#58
Fluorene
Concen: 42.797 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1174448		
165	92.9	76.1	114.1	
167	13.5	11.1	16.7	





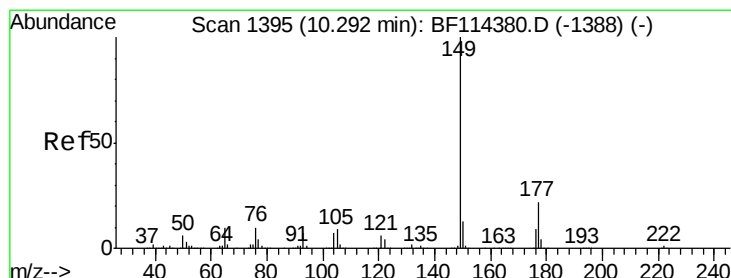
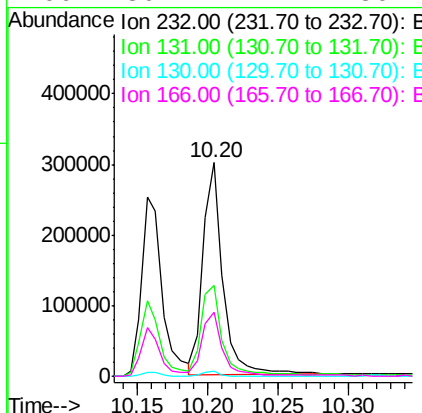
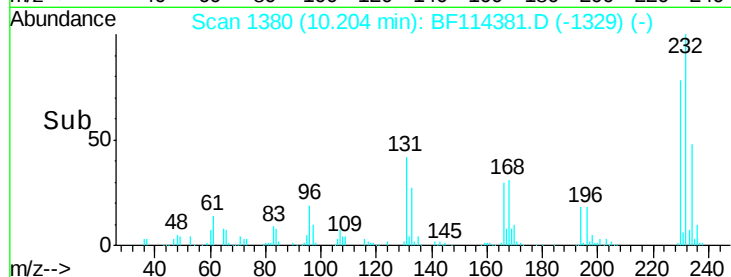
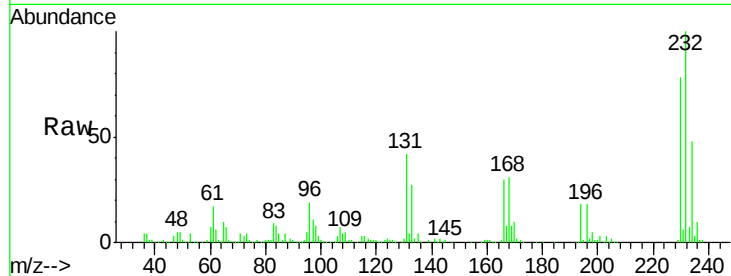
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.444 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	297737		
131	44.0	35.6	53.4	
130	2.2	1.6	2.4	
166	30.7	24.1	36.1	

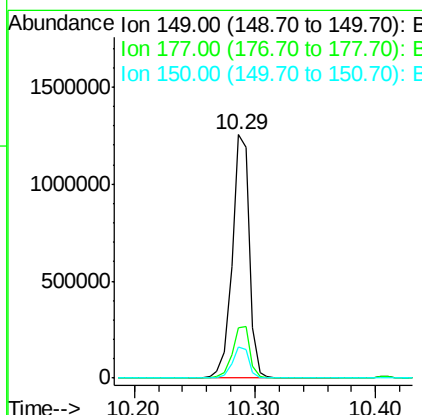
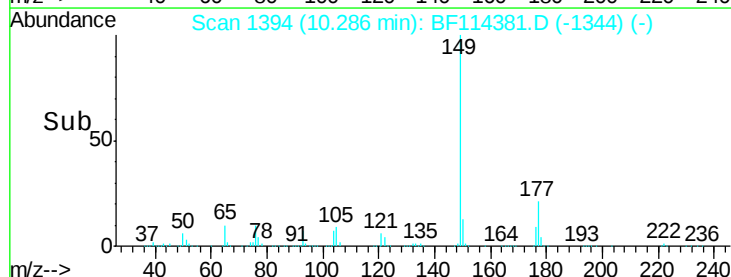
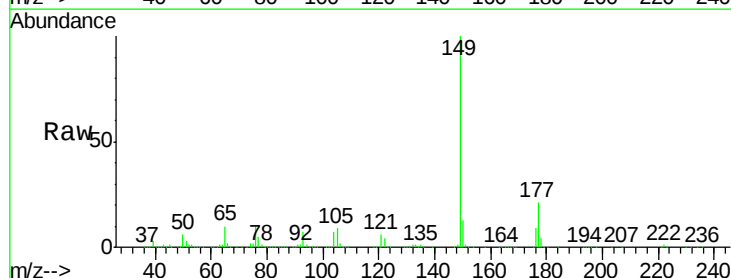
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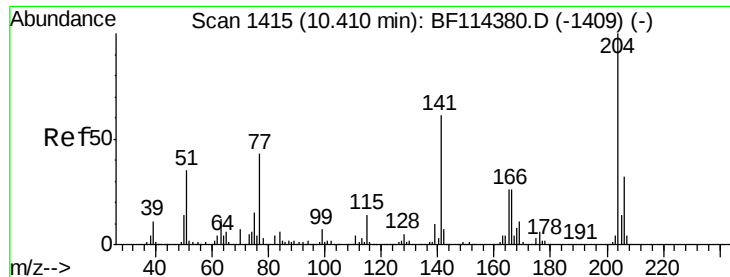
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#60
 Diethylphthalate
 Concen: 41.451 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1234492		
177	20.8	17.8	26.6	
150	12.9	10.2	15.2	





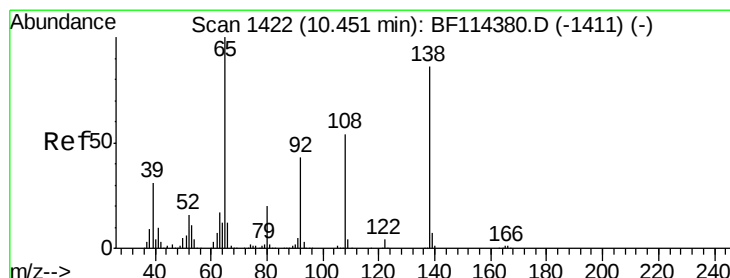
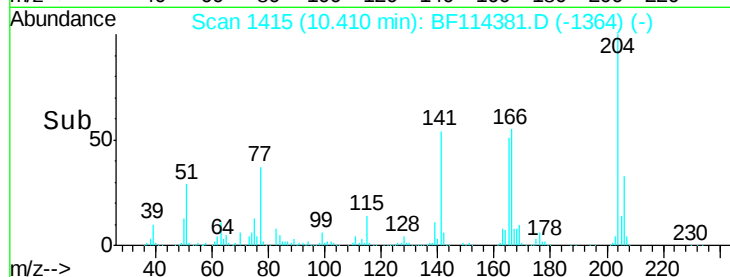
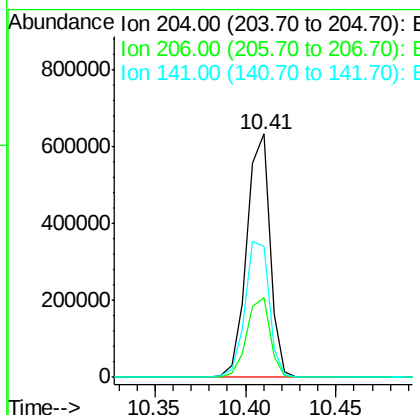
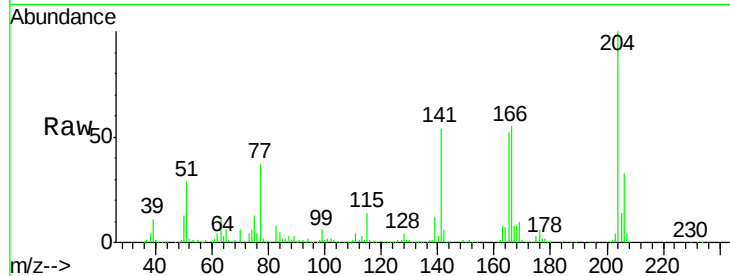
#61
 4-Chlorophenyl-phenylether
 Concen: 41.927 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	53.9	46.4	69.6

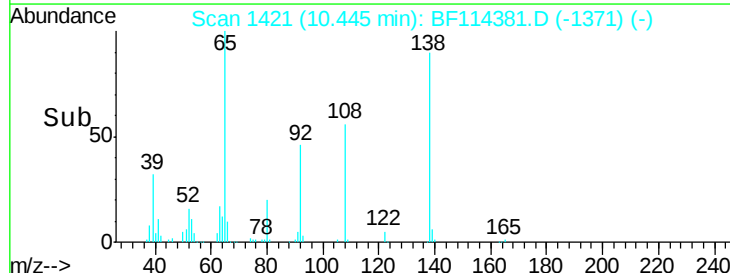
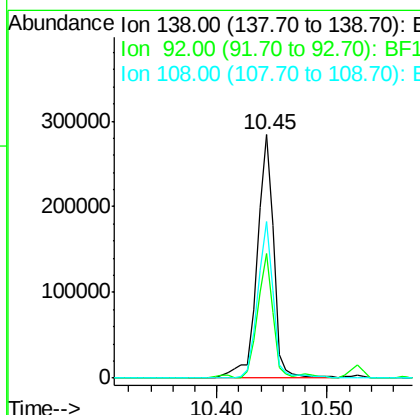
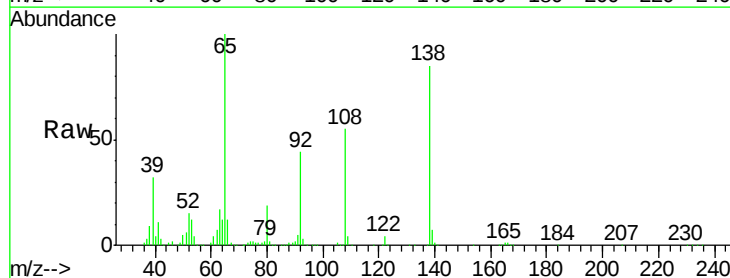
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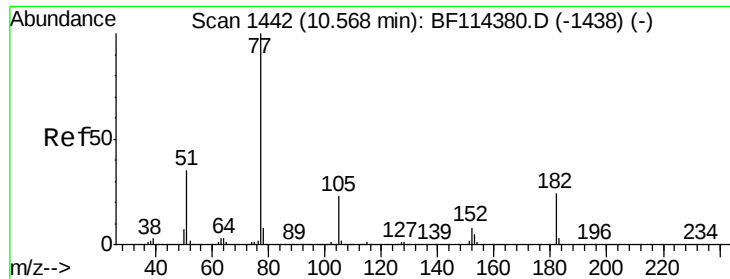
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#62
 4-Nitroaniline
 Concen: 35.431 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	33.0	73.0
108	64.1	44.9	84.9





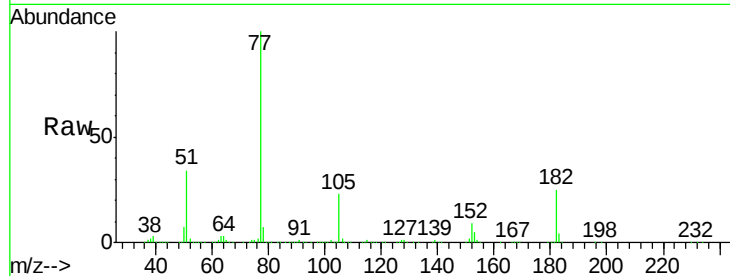
#63
Azobenzene
Concen: 42.214 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

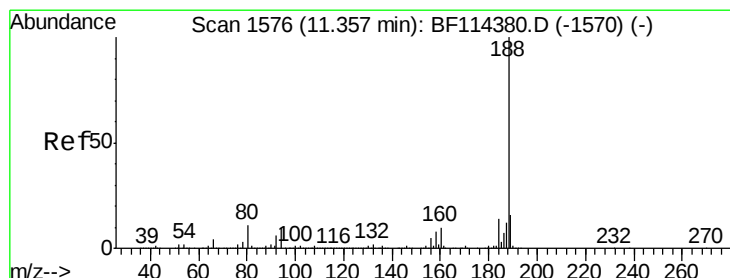
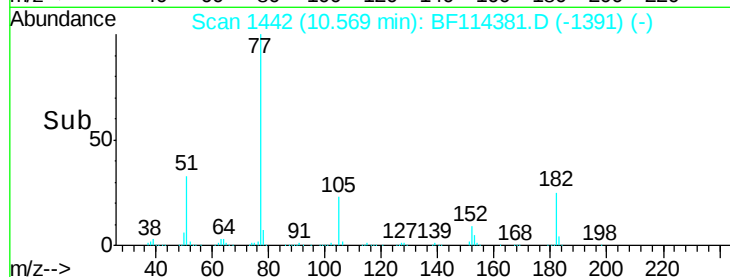
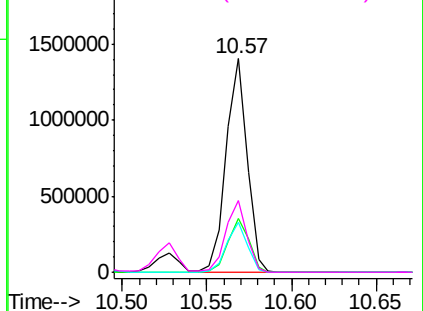
Tgt Ion: 77 Resp: 1216930
Ion Ratio Lower Upper
77 100
182 25.1 4.7 44.7
105 23.2 2.9 42.9
51 33.5 14.6 54.6

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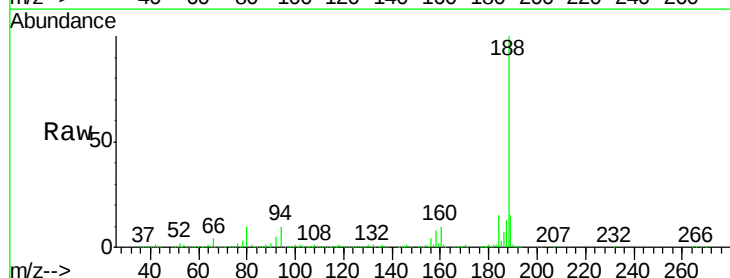


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

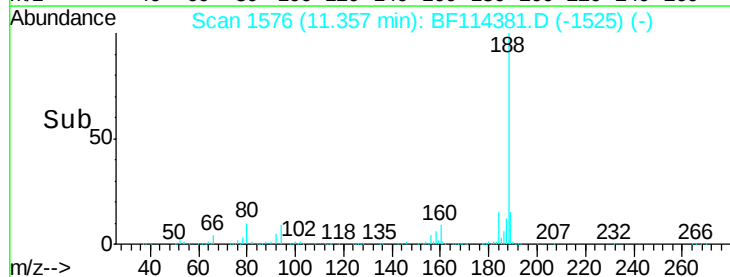
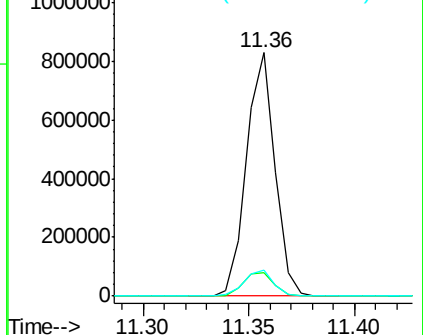


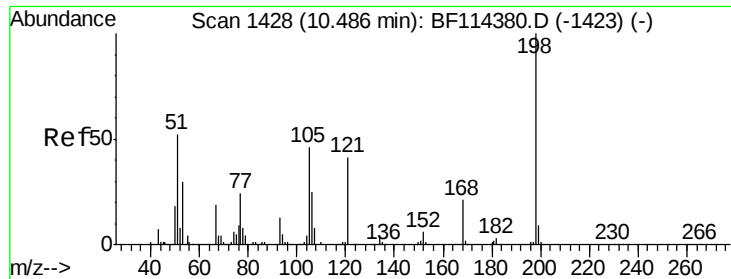
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion: 188 Resp: 775079
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.5 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: 46.040 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

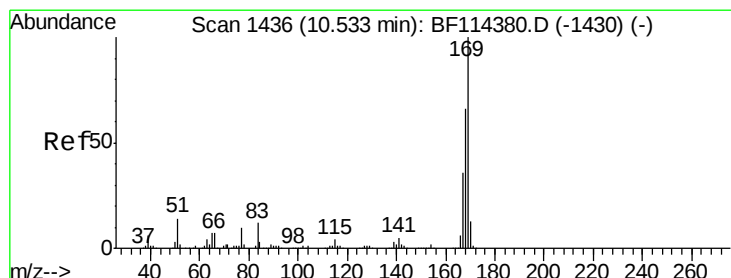
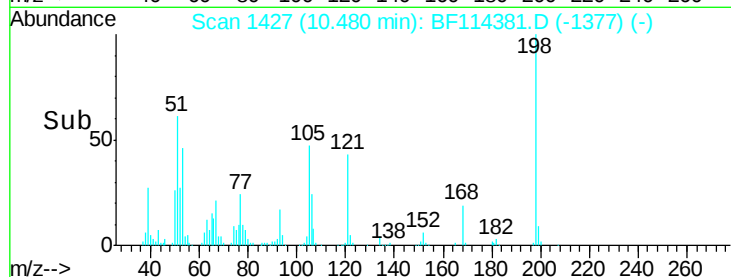
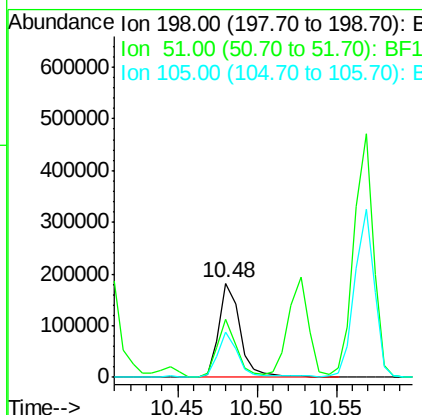
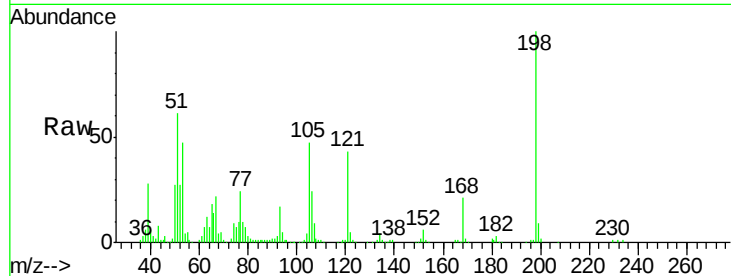
ClientSampleId :

PB119779BS

Tgt Ion:	198	Resp:	171470
Ion Ratio	Lower	Upper	
198	100		
51	61.2	28.0	68.0
105	47.2	21.1	61.1

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#66

n-Nitrosodiphenylamine

Concen: 43.961 ng

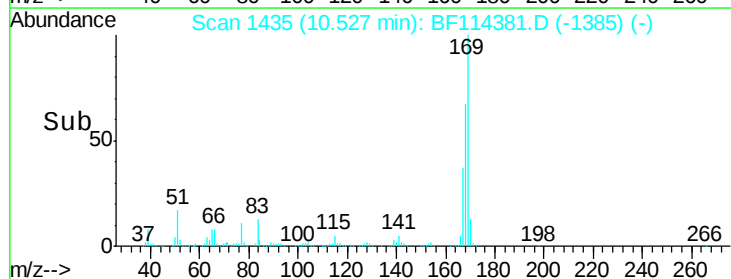
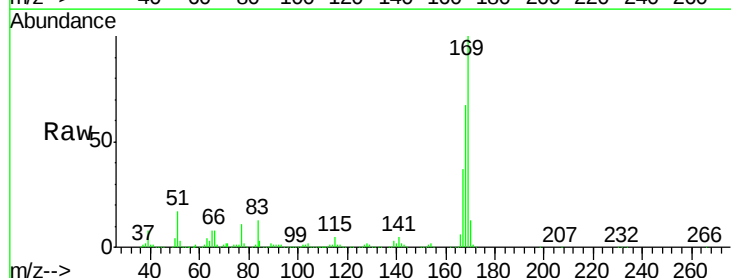
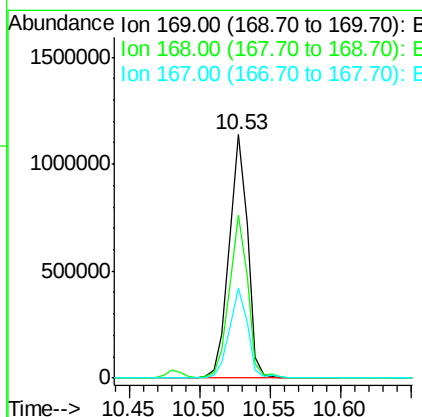
RT: 10.53 min Scan# 1435

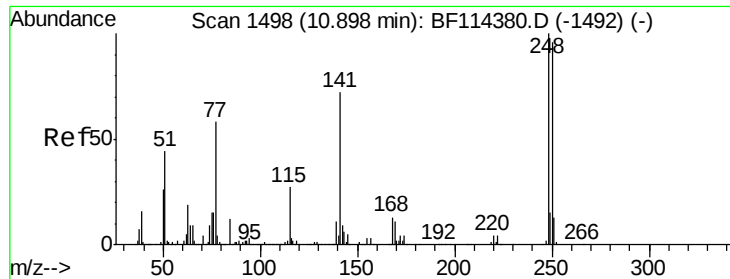
Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	169	Resp:	1034124
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.2	81.2
167	37.0	29.8	44.8





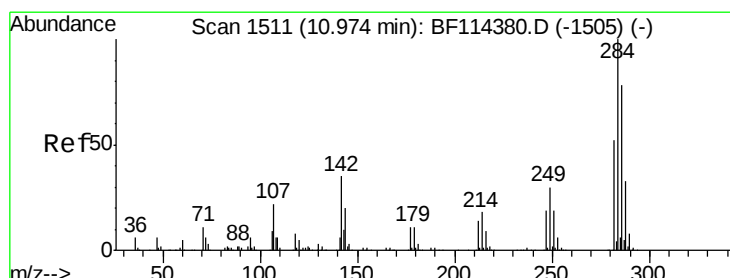
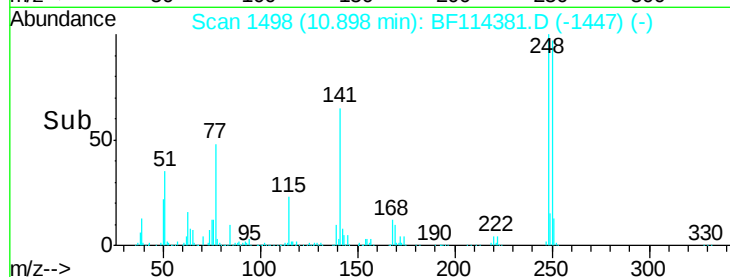
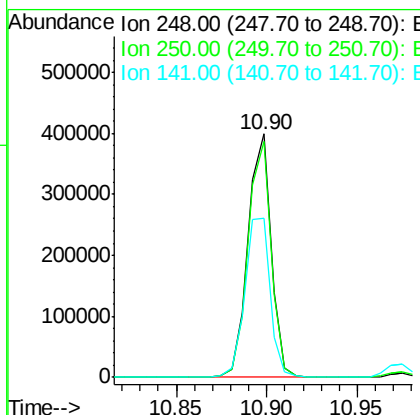
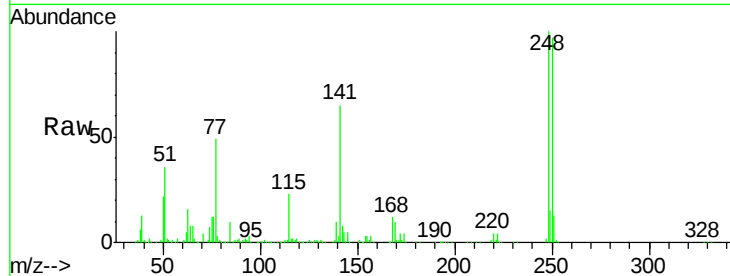
#67
4-Bromophenyl-phenylether
Concen: 41.563 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	354696		
250	97.1	77.4	116.2	
141	65.4	55.6	83.4	

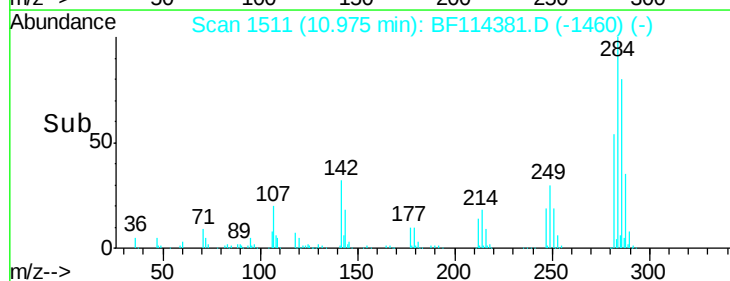
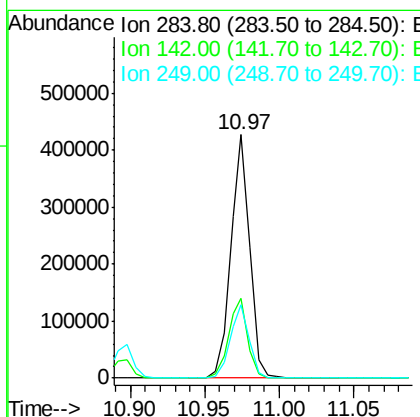
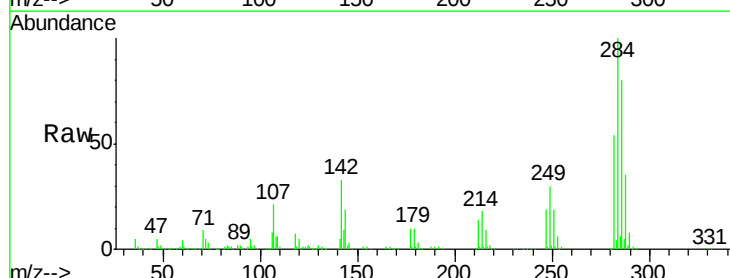
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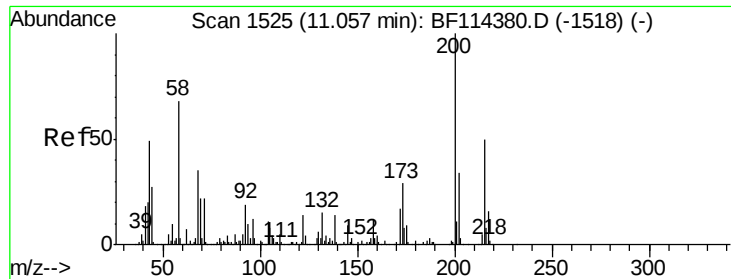
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#68
Hexachlorobenzene
Concen: 40.271 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	380194		
142	32.7	28.4	42.6	
249	30.3	25.2	37.8	





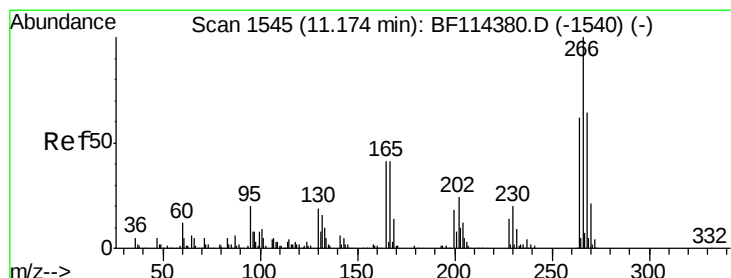
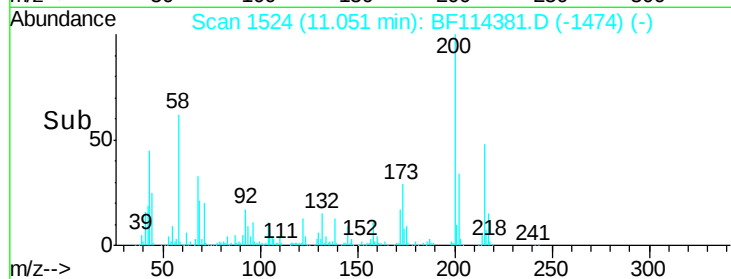
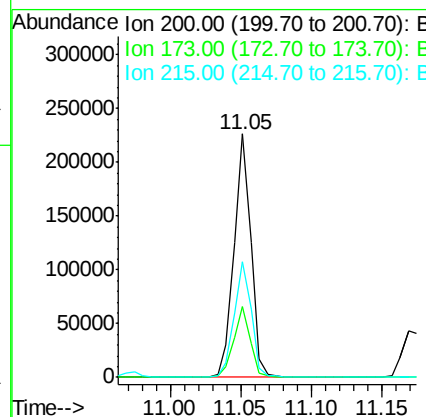
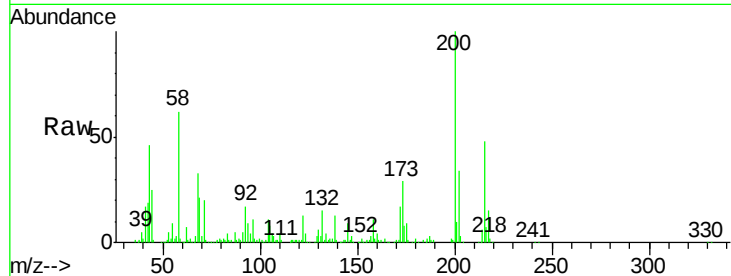
#69
Atrazine
Concen: 25.830 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.2	8.9	48.9
215	47.7	30.7	70.7

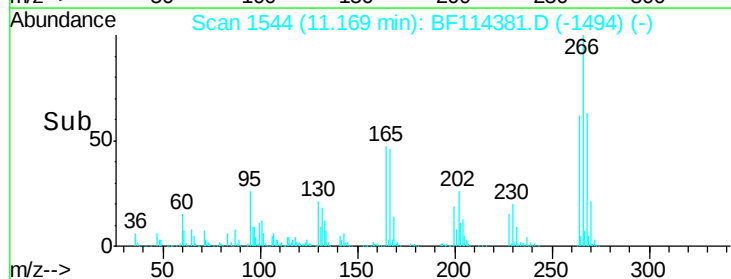
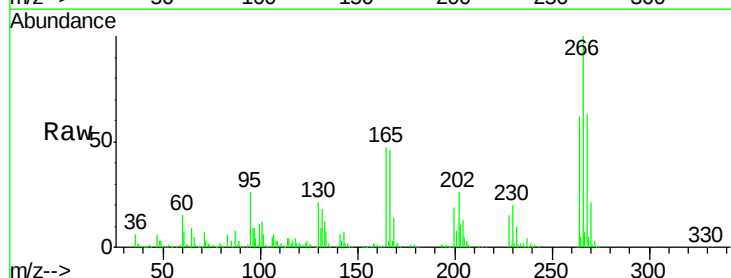
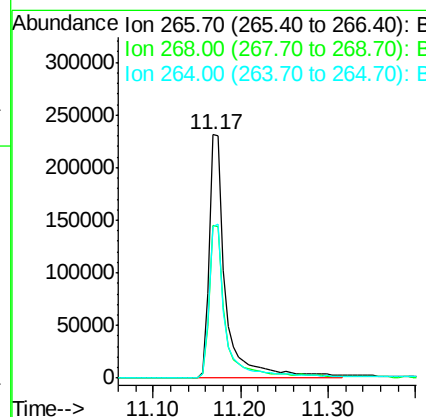
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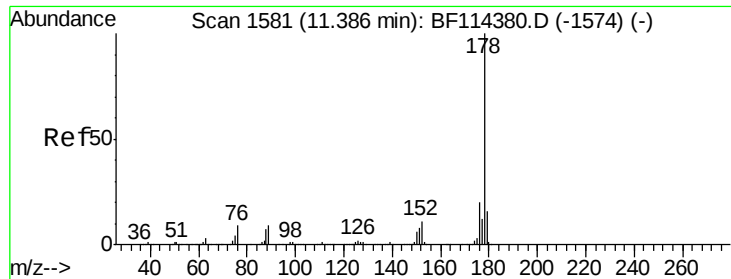
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#70
Pentachlorophenol
Concen: 69.312 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	51.1	76.7
264	62.4	51.1	76.7





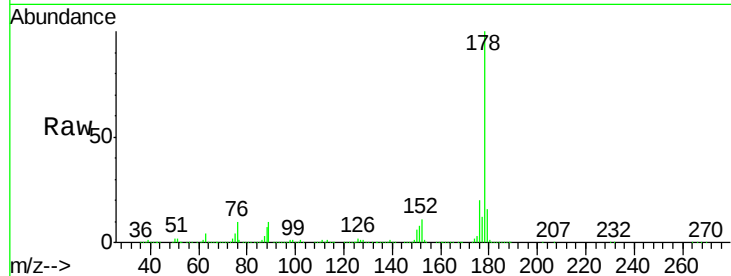
#71
Phenanthrene
Concen: 43.620 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

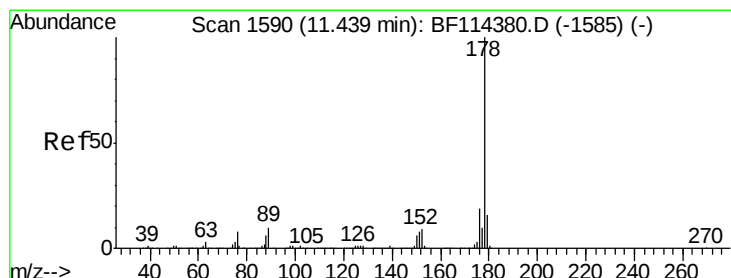
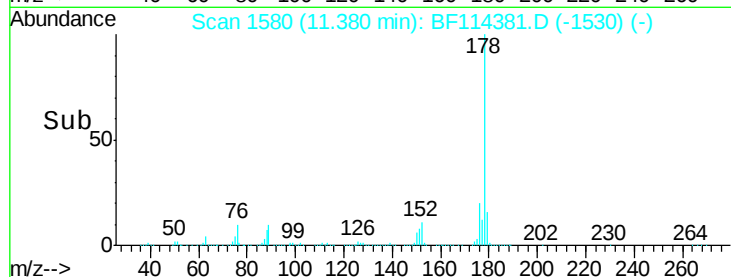
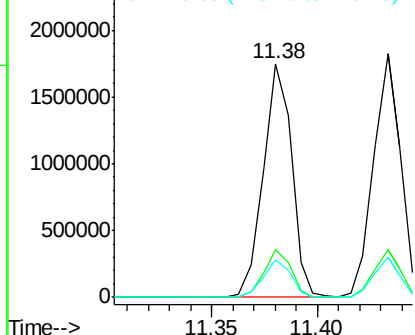
Tgt Ion:178 Resp: 1644850
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.1 13.2 19.8

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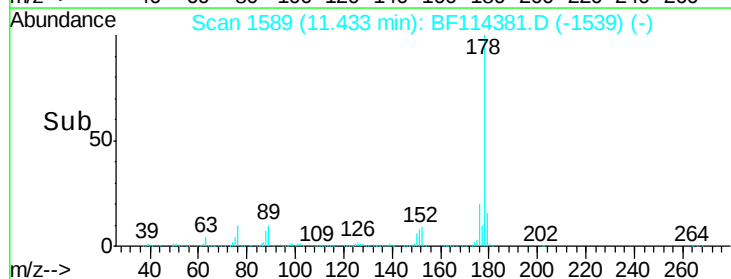
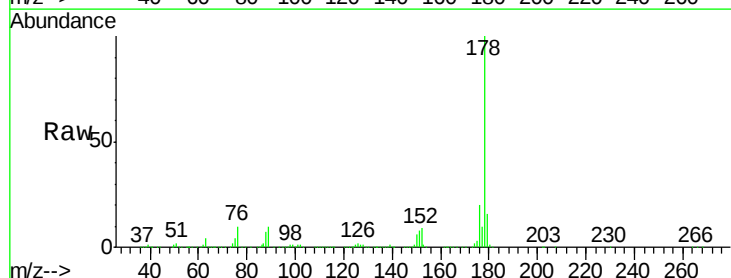
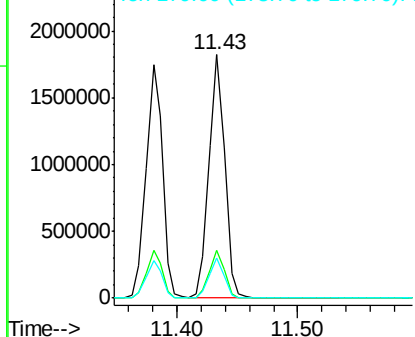
Abundance Ion 178.00 (177.70 to 178.70): E
2500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

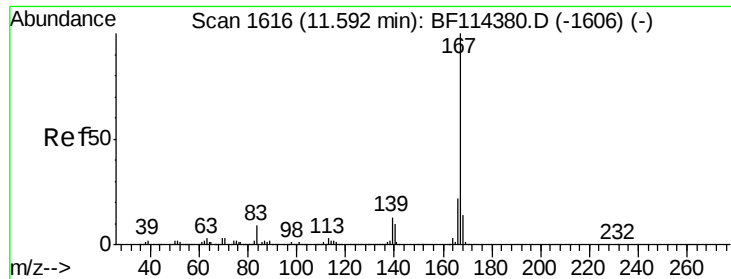


#72
Anthracene
Concen: 43.528 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:178 Resp: 1648642
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.3 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
2500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





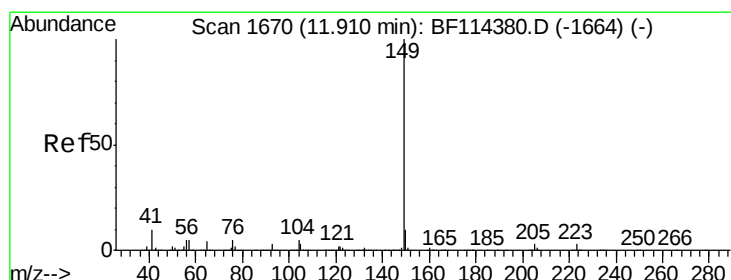
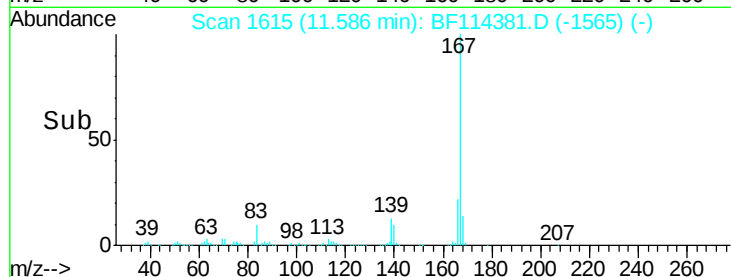
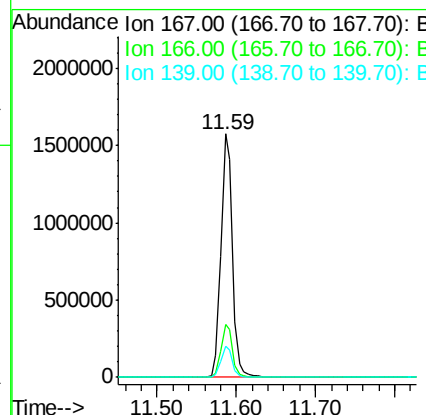
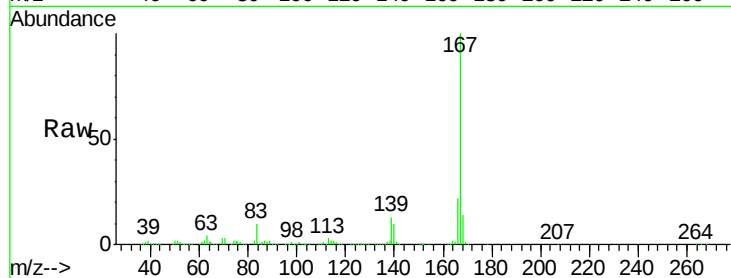
#73
 Carbazole
 Concen: 43.684 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tgt Ion:167 Resp: 1577734
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 13.0 10.6 16.0

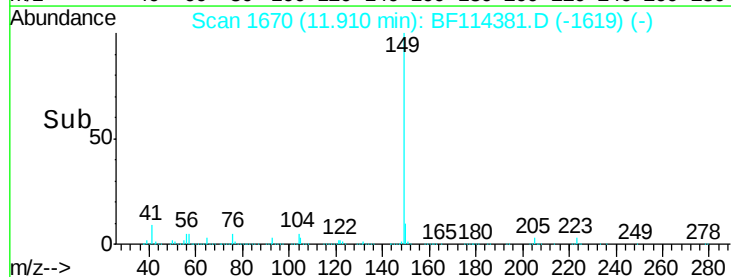
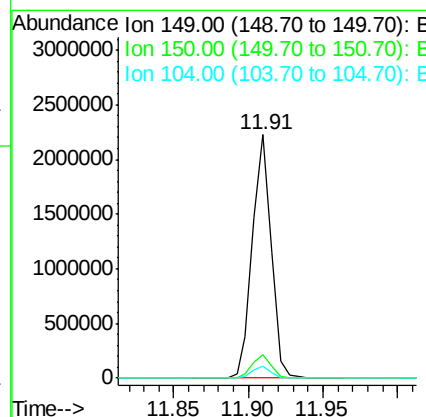
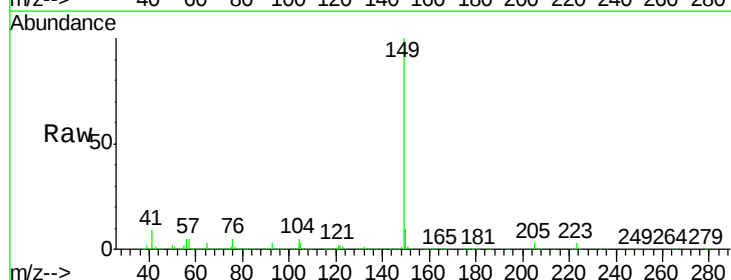
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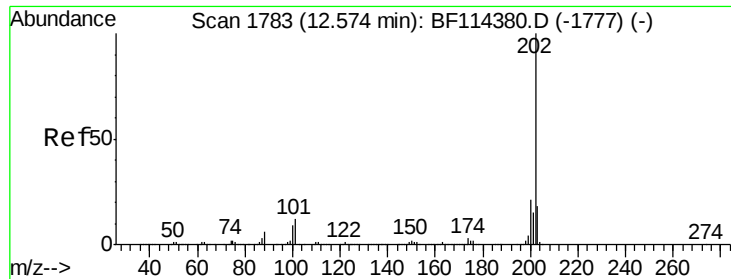
Sohil
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#74
 Di-n-butylphthalate
 Concen: 46.421 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion:149 Resp: 1931590
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 43.039 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

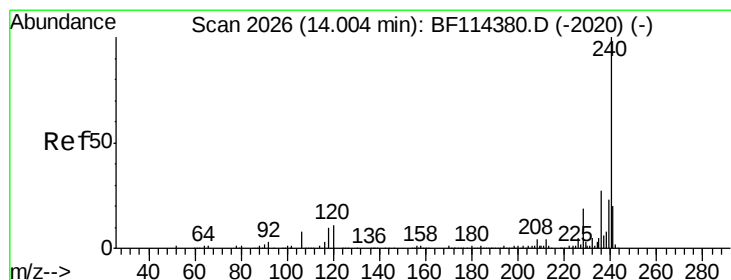
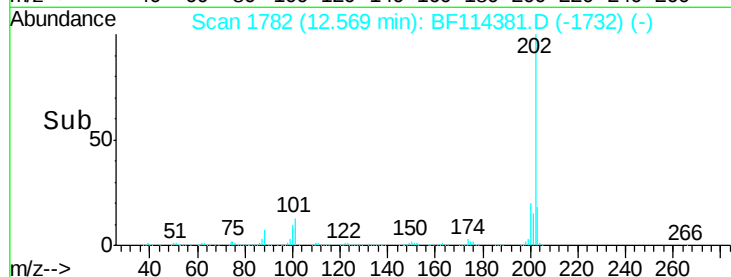
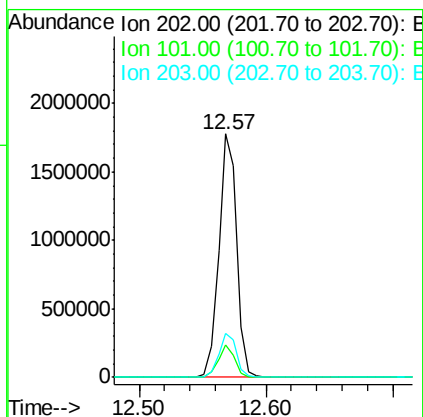
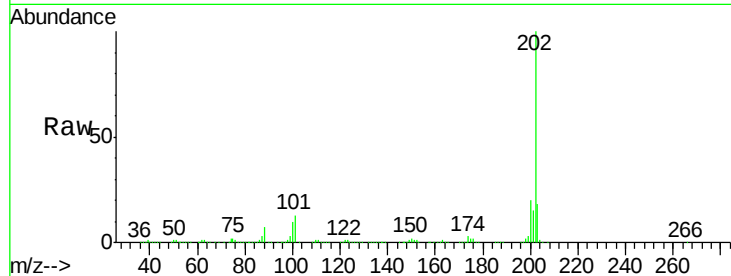
PB119779BS

Tgt Ion:202 Resp: 1747702

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.0
203	18.3	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

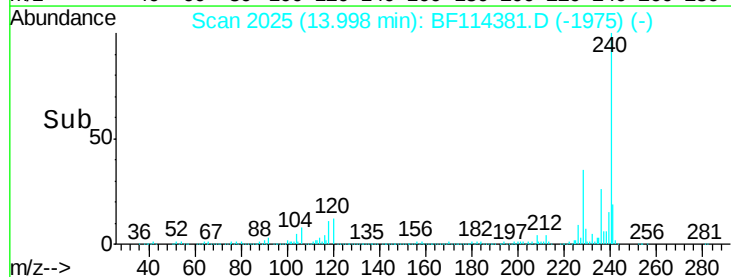
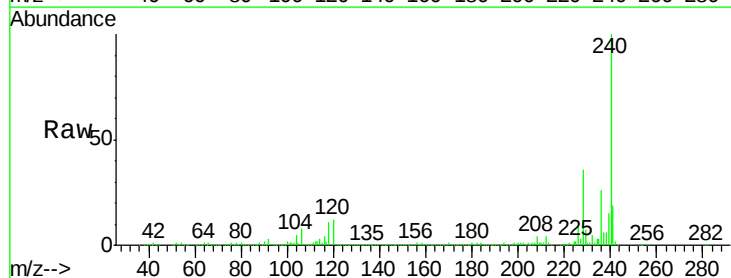
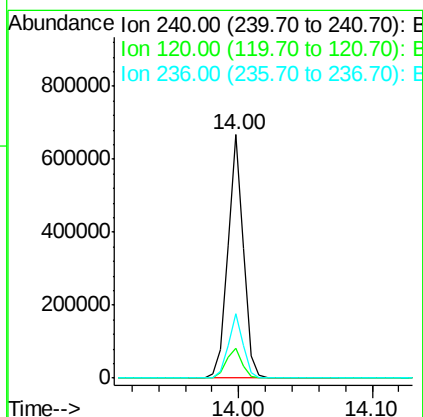
Delta R.T. -0.01 min

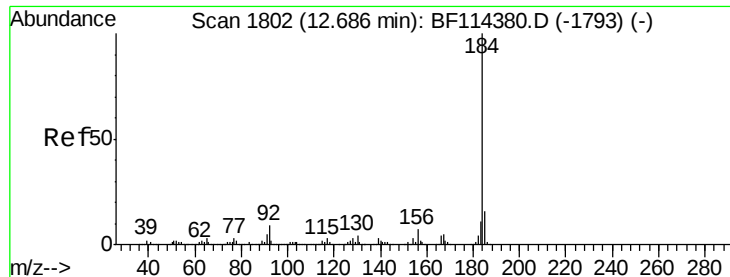
Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:240 Resp: 545810

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5
236	26.2	20.8	31.2





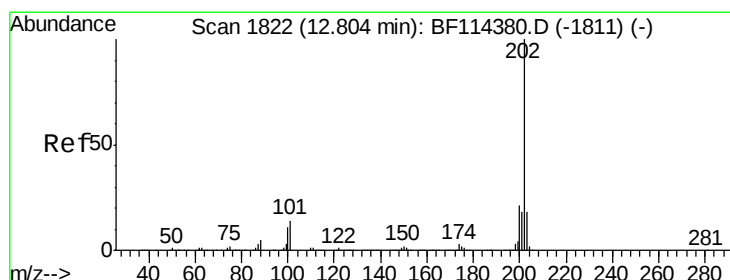
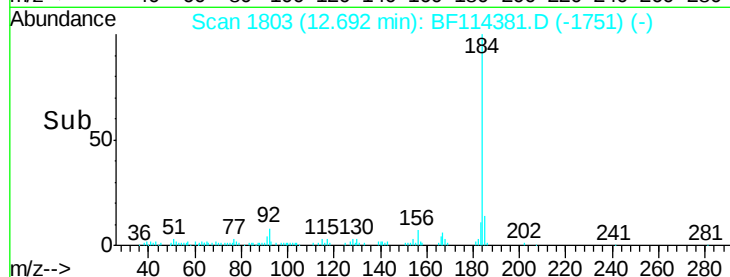
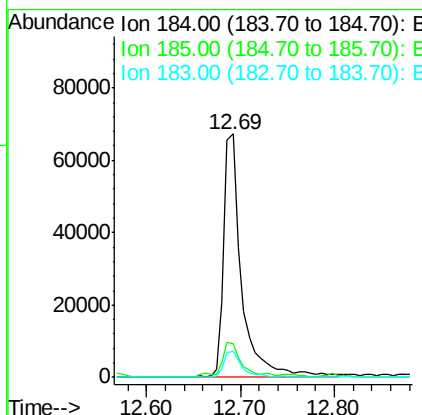
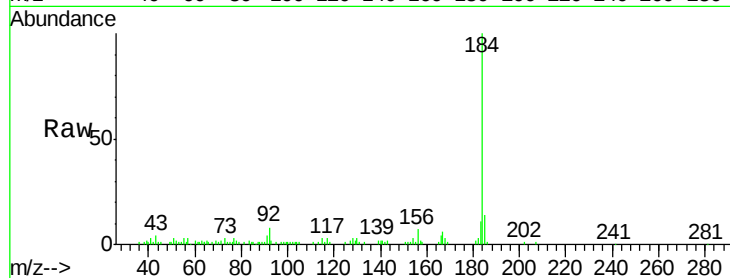
#77
Benzidine
Concen: 3.693 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	13.6	20.4
183	10.8	9.2	13.8

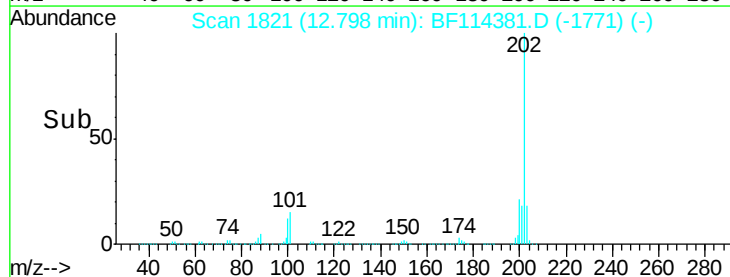
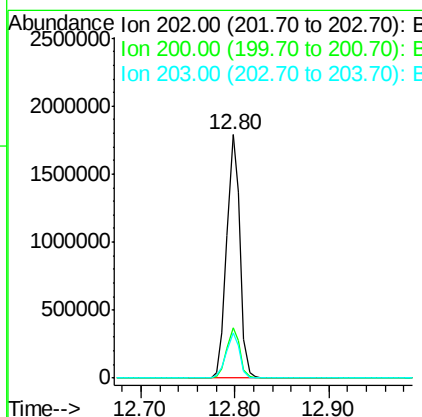
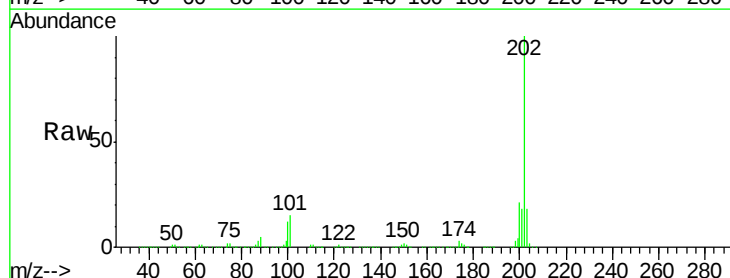
Manual Integrations
APPROVED

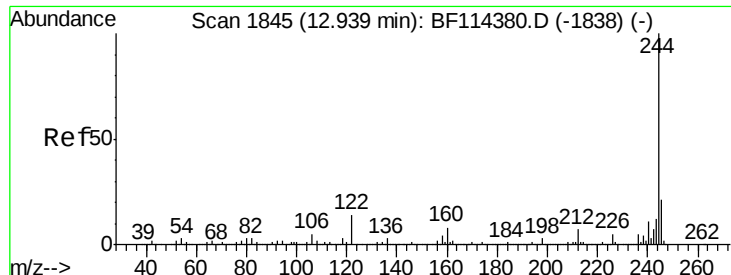
Sohil
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#78
Pyrene
Concen: 39.926 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	18.5	14.5	21.7





#79

Terphenyl-d14

Concen: 75.176 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

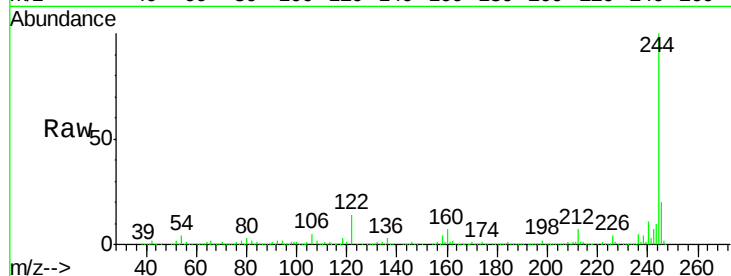
ClientSampleId :

PB119779BS

Tgt Ion:	244	Resp:	1990454
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	13.7	9.4	14.2

Manual Integrations
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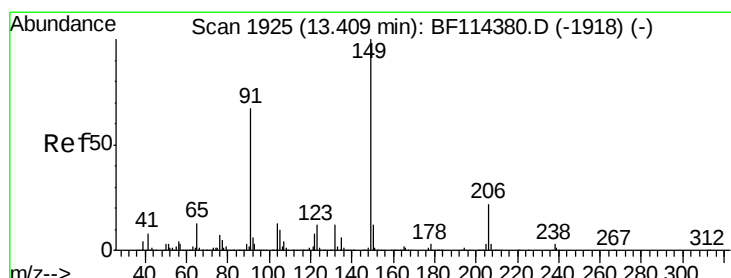
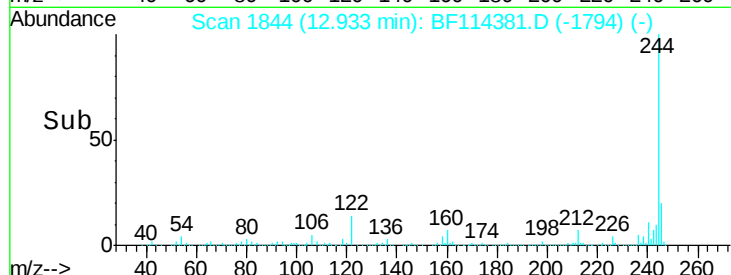
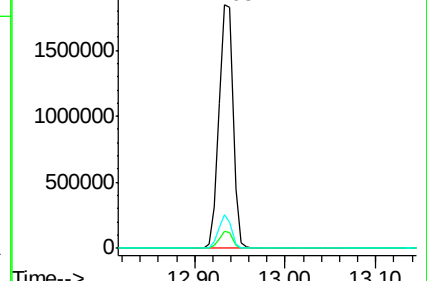
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.250 ng

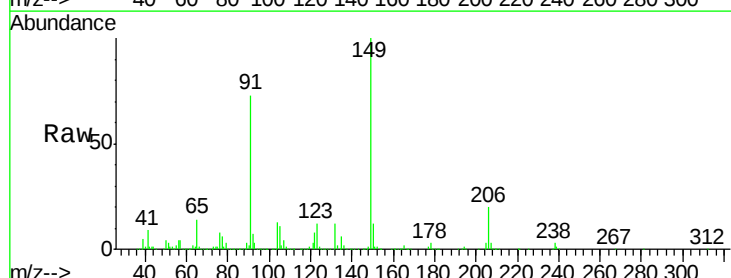
RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

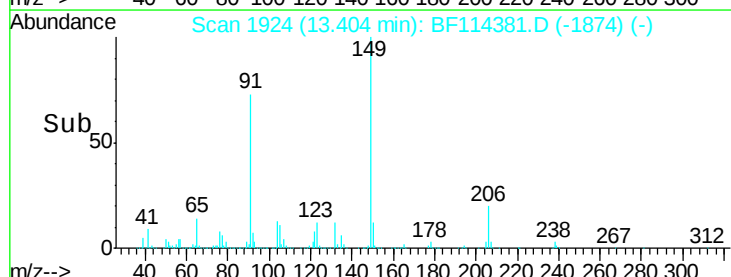
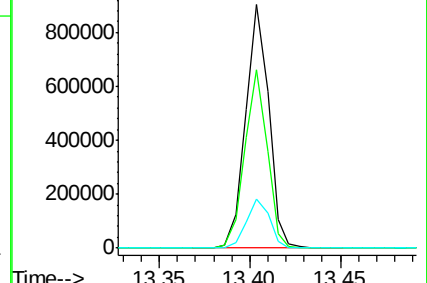
Tgt Ion:	149	Resp:	799315
Ion Ratio	Lower	Upper	
149	100		
91	73.3	55.0	82.4
206	20.4	16.9	25.3

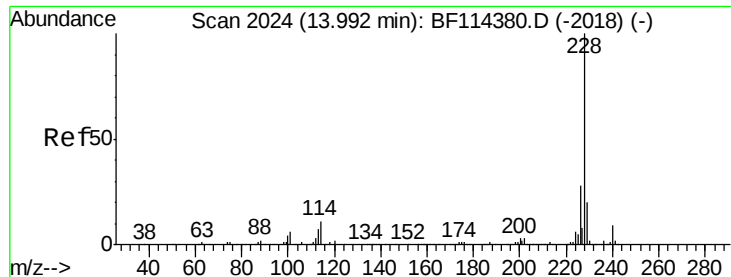


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.551 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

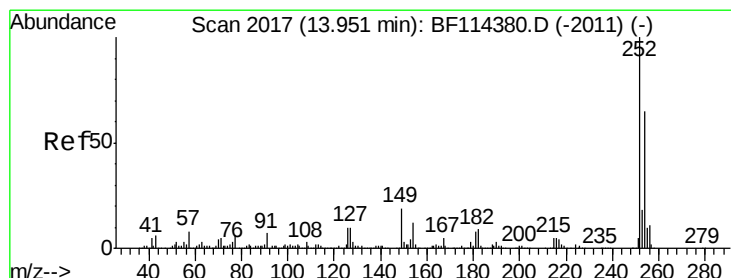
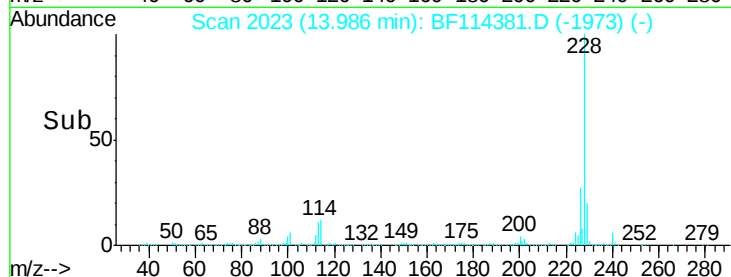
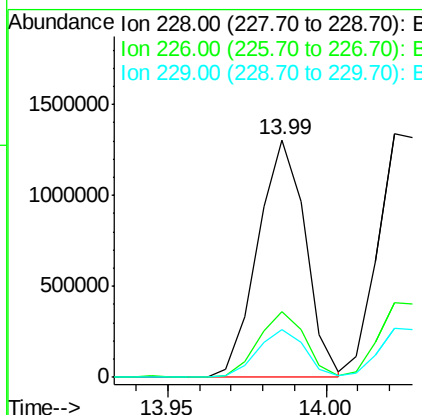
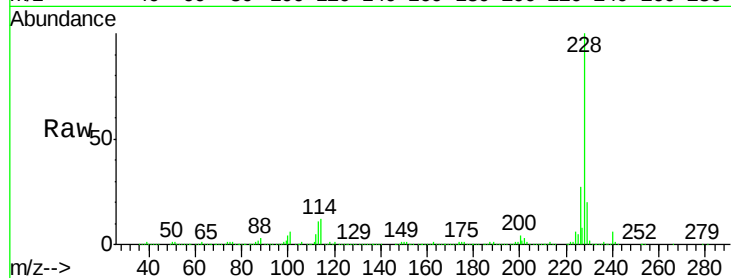
ClientSampleId :

PB119779BS

Tgt Ion:	228	Resp:	1360957
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	20.2	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 26.256 ng

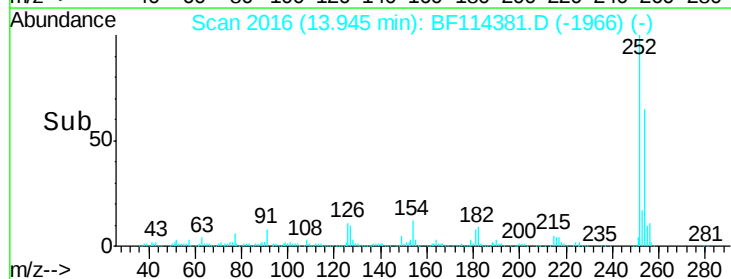
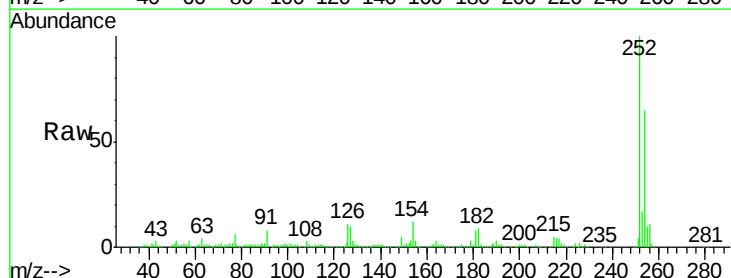
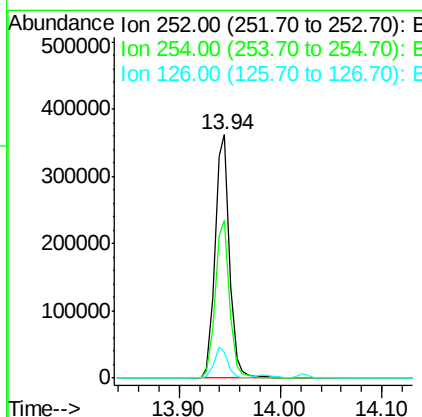
RT: 13.94 min Scan# 2016

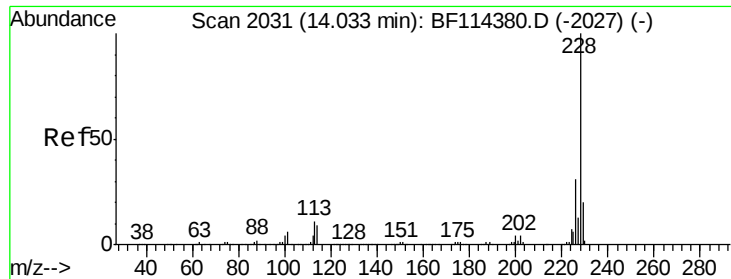
Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	252	Resp:	359578
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	10.6	7.9	11.9





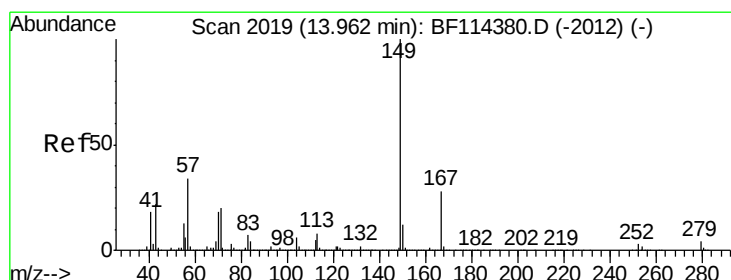
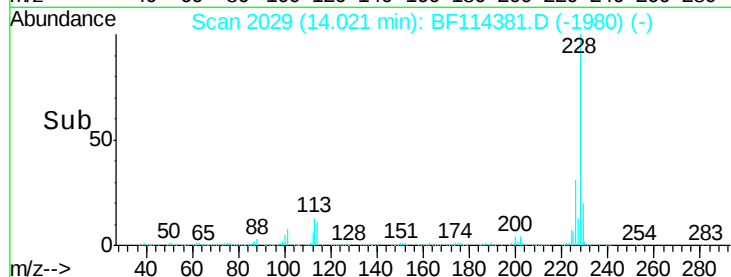
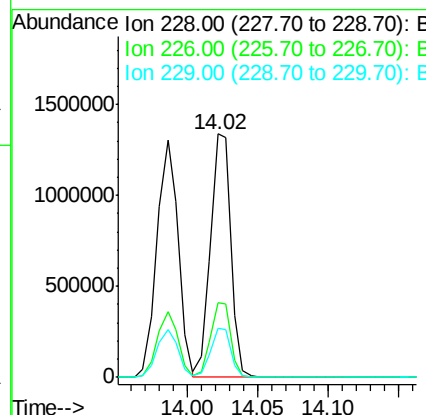
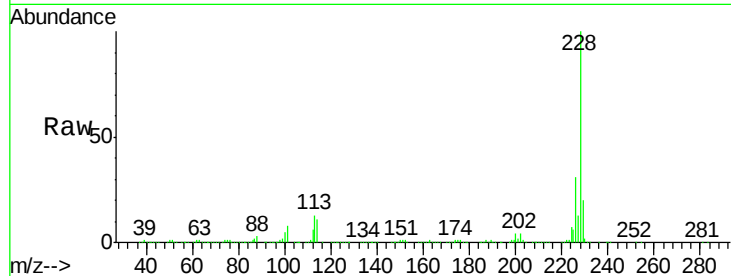
#83
Chrysene
Concen: 38.799 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion: 228 Resp: 1342703
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 20.4 17.0 25.6

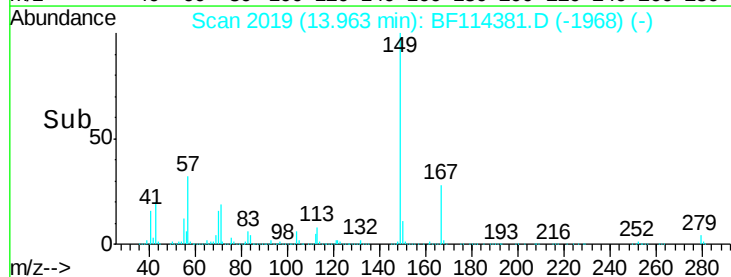
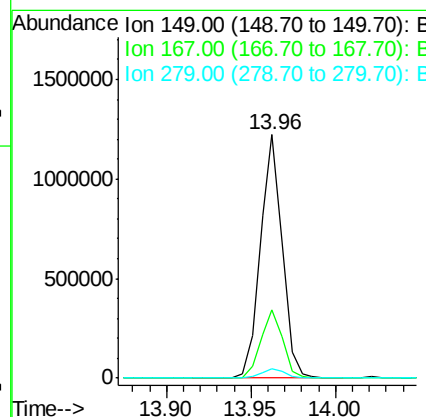
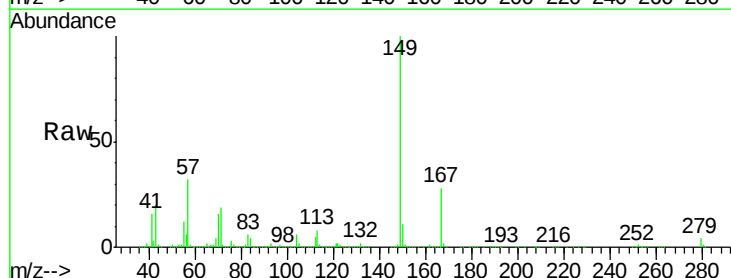
Manual Integrations
APPROVED

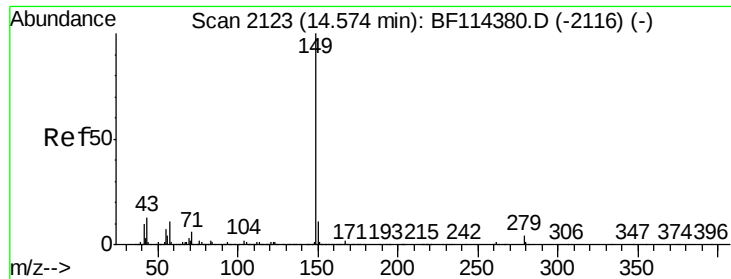
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.566 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion: 149 Resp: 1101366
Ion Ratio Lower Upper
149 100
167 27.9 22.6 33.8
279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.044 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB119779BS

Tgt Ion:149 Resp: 1686586

Ion Ratio Lower Upper

149 100

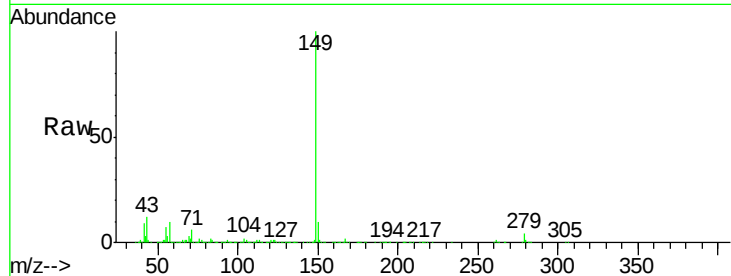
167 1.7 1.3 1.9

43 12.4 10.1 15.1

Manual Integrations
APPROVED

Sohil

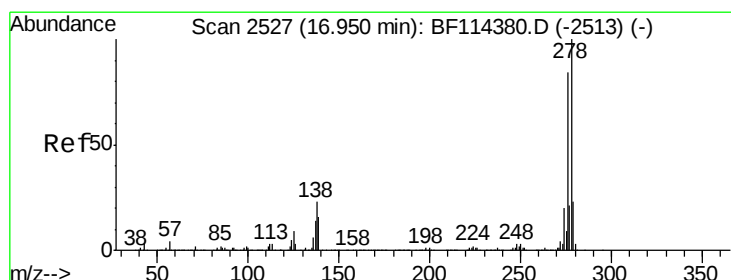
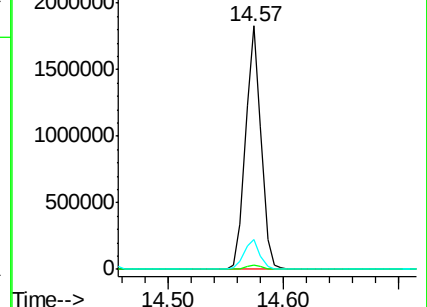
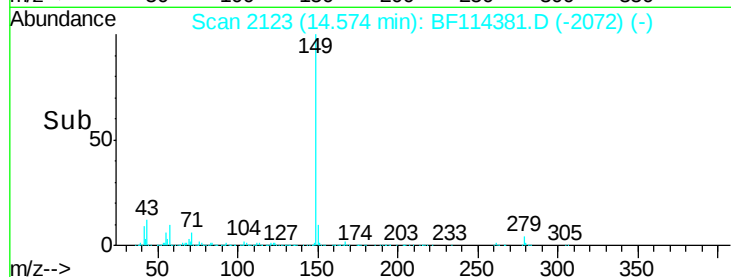
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.397 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

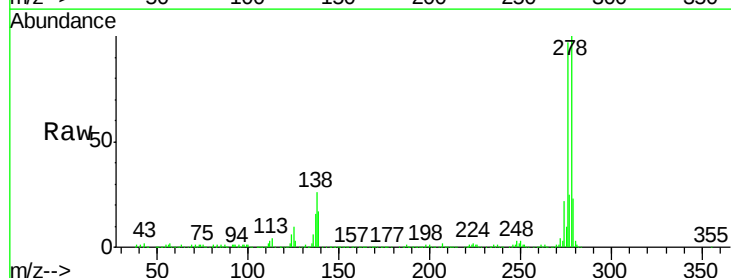
Tgt Ion:276 Resp: 1174359

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

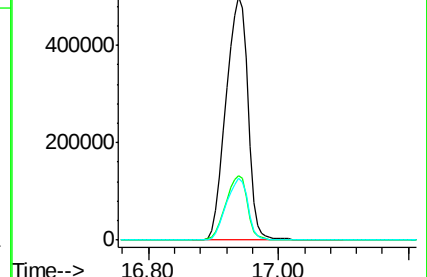
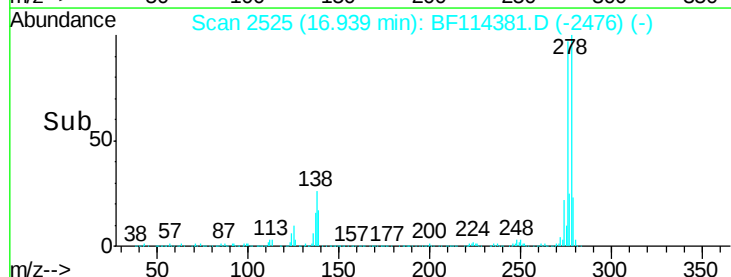
277 25.0 20.0 30.0

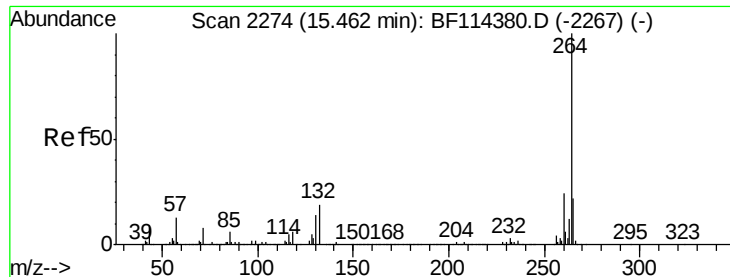


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





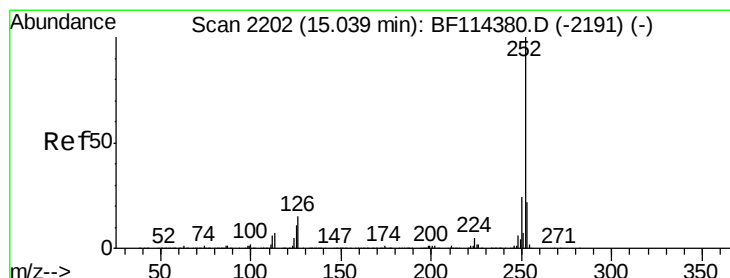
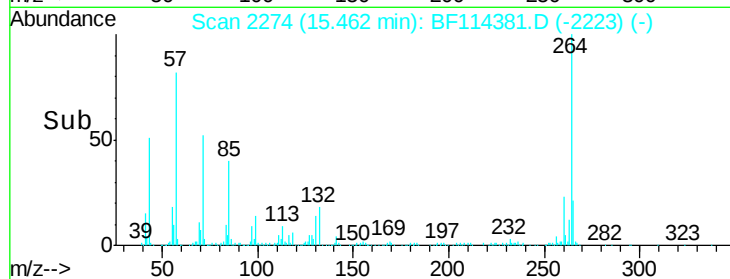
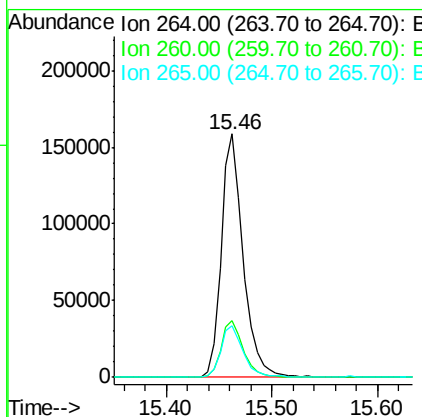
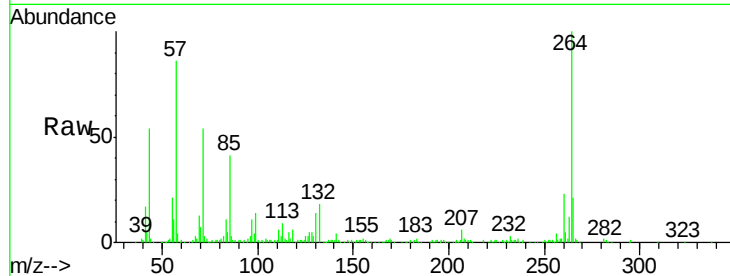
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.5	19.4	29.0
265	21.2	16.9	25.3

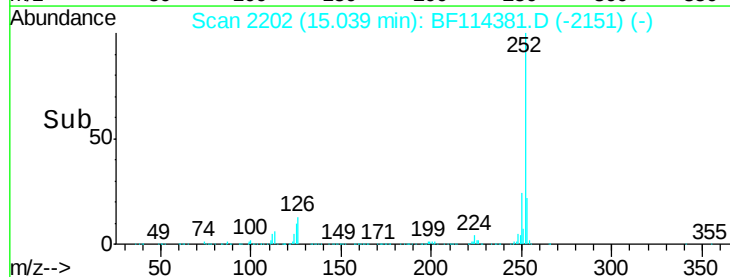
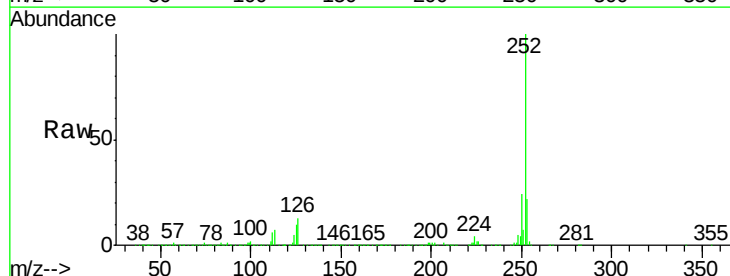
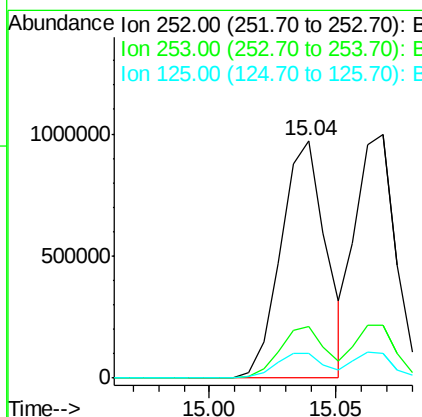
Manual Integrations
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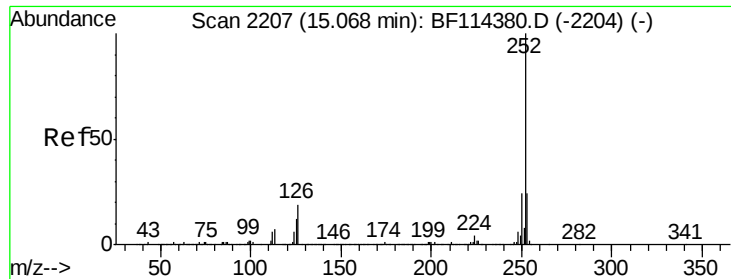
Sohil
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#88
Benzo(b)fluoranthene
Concen: 82.137 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.8	26.8
125	10.5	8.3	12.5





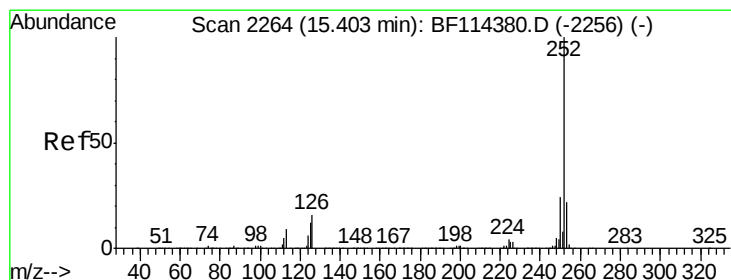
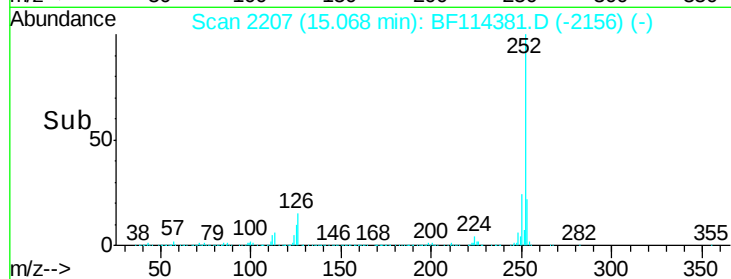
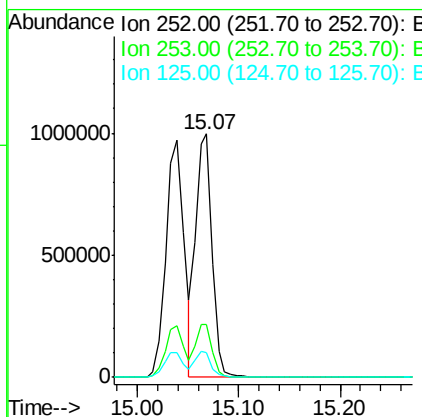
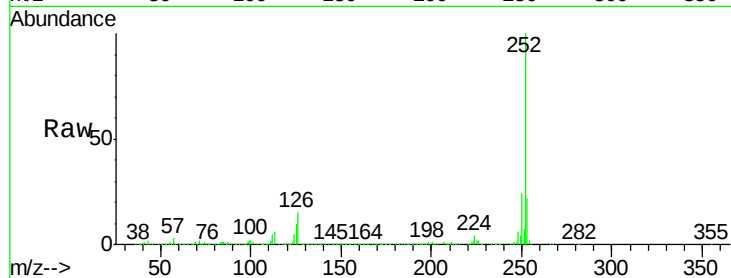
#89
Benzo(k)fluoranthene
Concen: 82.313 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampled :
PB119779BS

Tgt Ion:252 Resp: 1105769
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.0 8.6 13.0

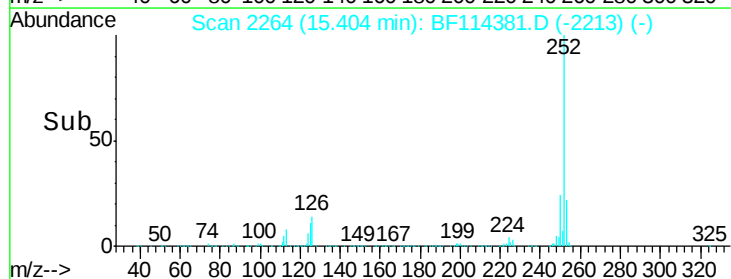
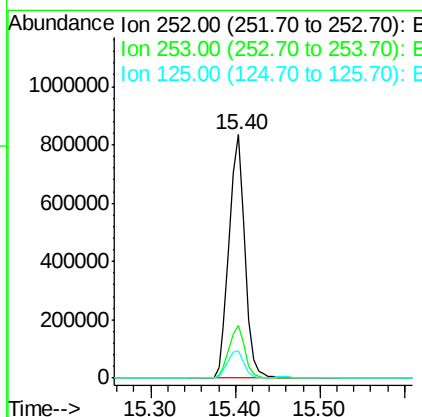
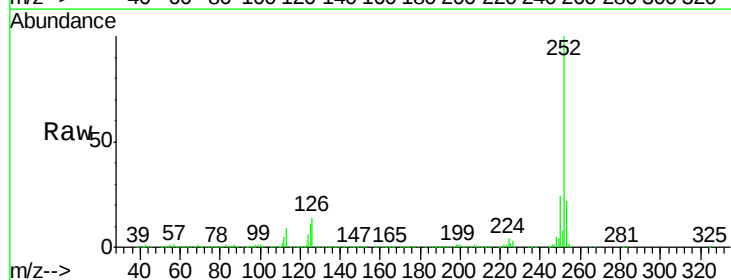
Manual Integrations
APPROVED

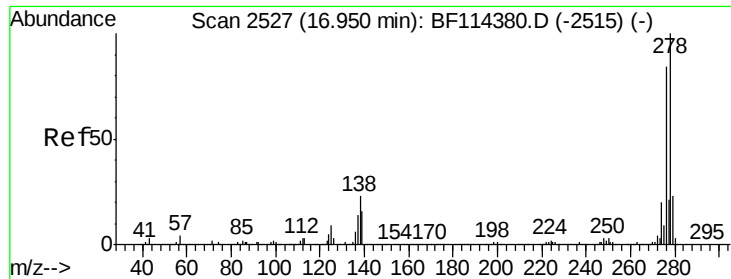
Sohil
5/21/2019 7:17:03 PM



#90
Benzo(a)pyrene
Concen: 83.640 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:252 Resp: 1076482
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.4 9.5 14.3





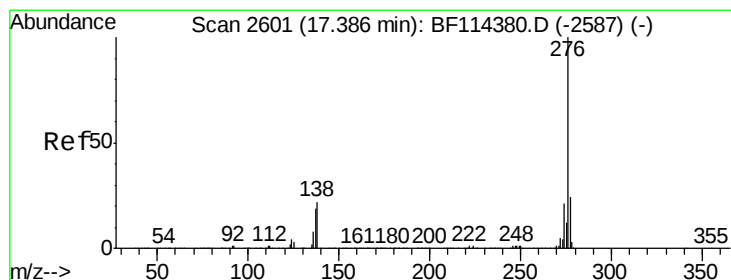
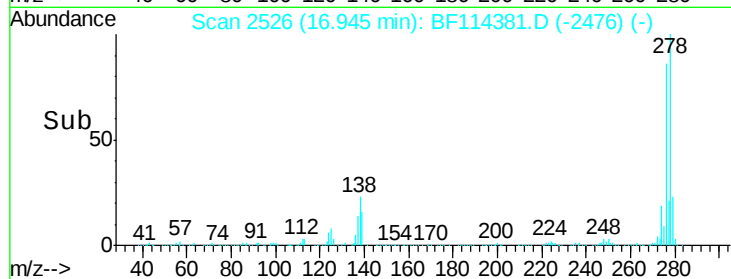
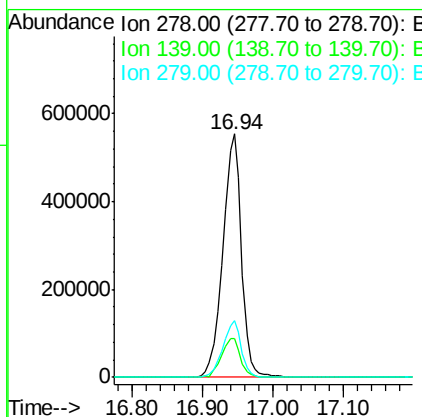
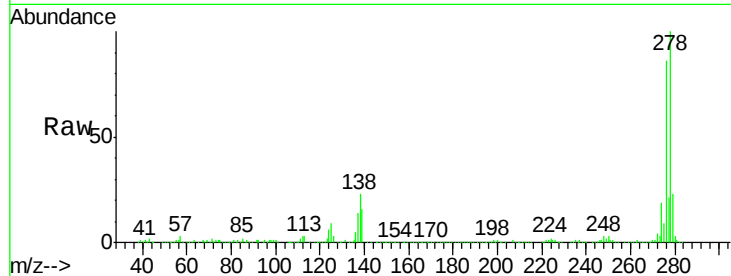
#91
Dibenzo(a,h)anthracene
Concen: 94.678 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	23.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:03 PM



#92
Benzo(g,h,i)perylene
Concen: 98.774 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	22.6	17.8	26.6

