

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114384.D
 Acq On : 18 May 2019 12:11
 Operator : JU/SJ
 Sample : PB119803BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119803BS

Manual Integrations
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Sohil
 5/21/2019 7:17:35 PM

Quant Time: May 20 04:58:37 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	245857	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	987994	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	478721	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	931891	20.00	ng	0.00
76) Chrysene-d12	14.00	240	653727	20.00	ng	0.00
87) Perylene-d12	15.46	264	558355	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1608398	105.28	ng	0.01
7) Phenol-d6	6.49	99	2070268	114.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	1130595	64.22	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	499394	100.90	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1979351	62.54	ng	0.00
79) Terphenyl-d14	12.93	244	2002711	63.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	261755	31.171	ng	99
3) Pyridine	3.45	79	665712	28.773	ng	97
4) n-Nitrosodimethylamine	3.40	42	339439	30.423	ng	97
6) Aniline	6.50	93	595005	22.796	ng	# 6
8) 2-Chlorophenol	6.63	128	602225	36.924	ng	97
9) Benzaldehyde	6.39	77	208558	16.487	ng	99
10) Phenol	6.50	94	728632	34.278	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	577478	35.785	ng	99
12) 1,3-Dichlorobenzene	6.77	146	618269	33.771	ng	98
13) 1,4-Dichlorobenzene	6.85	146	635945	34.472	ng	98
14) 1,2-Dichlorobenzene	7.00	146	584255	34.665	ng	98
15) Benzyl Alcohol	6.98	79	487616	34.600	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1051324	33.600	ng	79
17) 2-Methylphenol	7.10	107	489738	36.554	ng	95
18) Hexachloroethane	7.35	117	235437	33.999	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	407059	35.541	ng	100
20) 3+4-Methylphenols	7.25	107	603477	38.986	ng	# 80
22) Acetophenone	7.25	105	797472	36.435	ng	93
24) Nitrobenzene	7.42	77	644276	35.931	ng	99
25) Isophorone	7.66	82	1159539	35.514	ng	99
26) 2-Nitrophenol	7.73	139	333003	38.279	ng	96
27) 2,4-Dimethylphenol	7.77	122	537988	39.375	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	739025	34.885	ng	100
29) 2,4-Dichlorophenol	7.98	162	495281	36.404	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	526404	34.026	ng	98
31) Naphthalene	8.14	128	1691031	36.641	ng	98
32) Benzoic acid	7.92	122	323090	35.334	ng	99
33) 4-Chloroaniline	8.19	127	447769	21.291	ng	99
34) Hexachlorobutadiene	8.25	225	288643	32.790	ng	97
35) Caprolactam	8.56	113	176772m	39.847	ng	
36) 4-Chloro-3-methylphenol	8.68	107	524325	38.286	ng	98
37) 2-Methylnaphthalene	8.83	142	1134786	38.111	ng	98
38) 1-Methylnaphthalene	8.93	142	1076918	38.405	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	508680	35.078	ng	100

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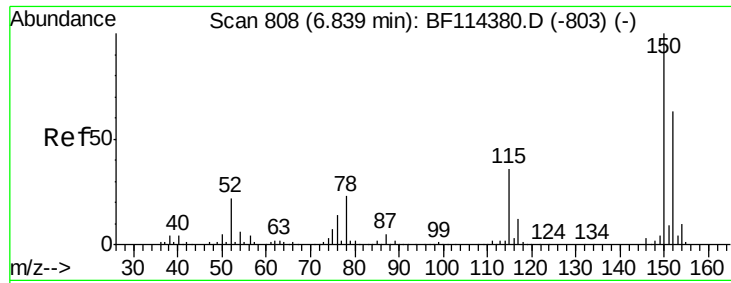
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	232066	36.817	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	319793	32.061	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	345808	33.806	ng	98
46) 1,1'-Biphenyl	9.29	154	1360620	35.182	ng	98
47) 2-Chloronaphthalene	9.32	162	1050563	33.753	ng	98
48) 2-Nitroaniline	9.42	65	366663	33.217	ng	97
49) Acenaphthylene	9.73	152	1666143	35.196	ng	99
50) Dimethylphthalate	9.59	163	1201566	34.191	ng	100
51) 2,6-Dinitrotoluene	9.66	165	275206	35.307	ng	95
52) Acenaphthene	9.90	154	972594	33.481	ng	99
53) 3-Nitroaniline	9.83	138	223970	23.147	ng	100
54) 2,4-Dinitrophenol	9.95	184	235429	61.748	ng	98
55) Dibenzofuran	10.07	168	1431846	33.615	ng	99
56) 4-Nitrophenol	10.01	139	337138	49.270	ng	94
57) 2,4-Dinitrotoluene	10.07	165	349981	33.081	ng	# 91
58) Fluorene	10.42	166	1149897	34.949	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	281375	31.879	ng	99
60) Diethylphthalate	10.29	149	1181844	33.098	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	549279	33.991	ng	96
62) 4-Nitroaniline	10.45	138	312484	30.734	ng	96
63) Azobenzene	10.57	77	1164745	33.700	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	163119	36.428	ng	88
66) n-Nitrosodiphenylamine	10.53	169	1027431	36.327	ng	98
67) 4-Bromophenyl-phenylether	10.90	248	344990	33.623	ng	95
68) Hexachlorobenzene	10.97	284	376964	33.210	ng	94
69) Atrazine	11.05	200	299134	33.986	ng	99
70) Pentachlorophenol	11.17	266	285132	52.991	ng	99
71) Phenanthrene	11.38	178	1630756	35.969	ng	99
72) Anthracene	11.43	178	1663856	36.538	ng	100
73) Carbazole	11.59	167	1592190	36.666	ng	99
74) Di-n-butylphthalate	11.91	149	1819178	36.363	ng	100
75) Fluoranthene	12.57	202	1740638	35.652	ng	98
77) Benzidine	12.69	184	579743	19.756	ng	96
78) Pyrene	12.80	202	1784927	33.941	ng	99
80) Butylbenzylphthalate	13.40	149	797351	36.022	ng	97
81) Benzo(a)anthracene	13.99	228	1492637	35.301	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	492495	30.025	ng	99
83) Chrysene	14.03	228	1480765	35.725	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1068923	36.923	ng	99
85) Di-n-octyl phthalate	14.57	149	1807908	38.524	ng	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1266679	34.579	ng	99
88) Benzo(b)fluoranthene	15.04	252	1477750	41.311	ng	100
89) Benzo(k)fluoranthene	15.07	252	1378167	41.941	ng	99
90) Benzo(a)pyrene	15.40	252	1340452	42.579	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1053828	40.284	ng	99
92) Benzo(g,h,i)perylene	17.37	276	1078023	41.121	ng	99

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



#1

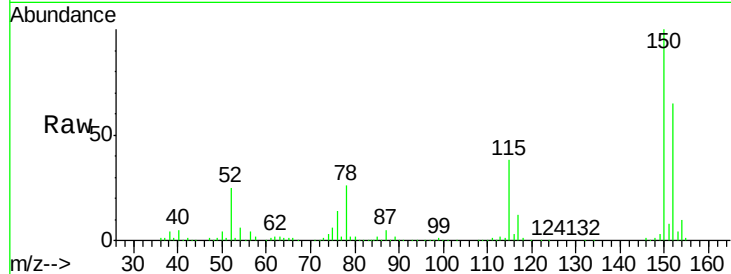
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

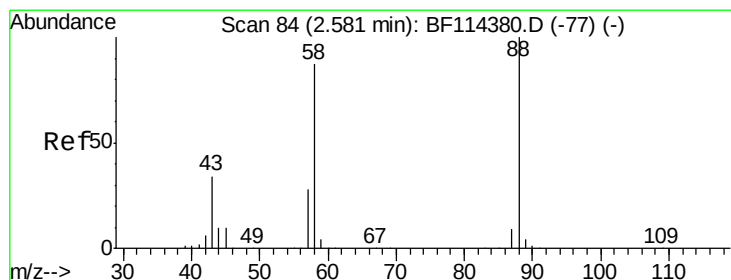
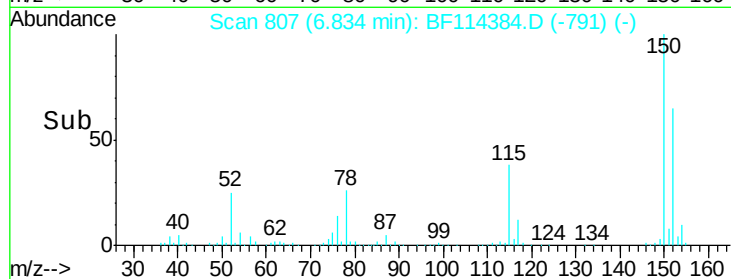
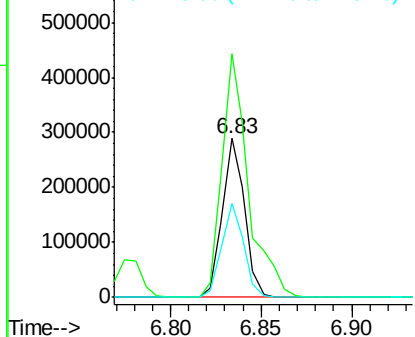
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	58.9	49.1	73.7

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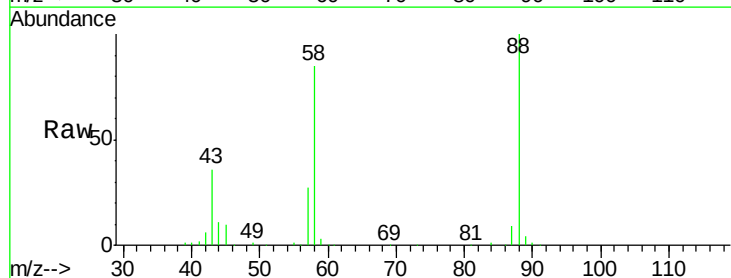
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



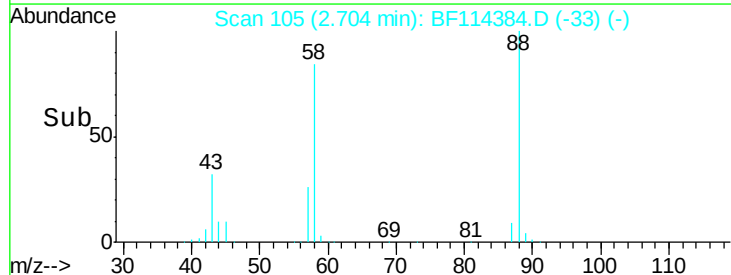
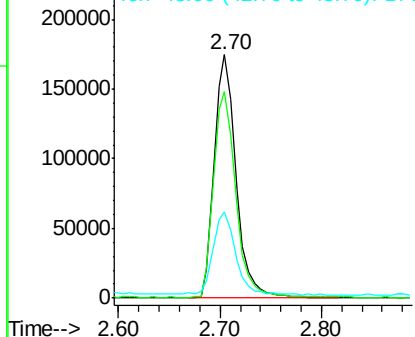
#2

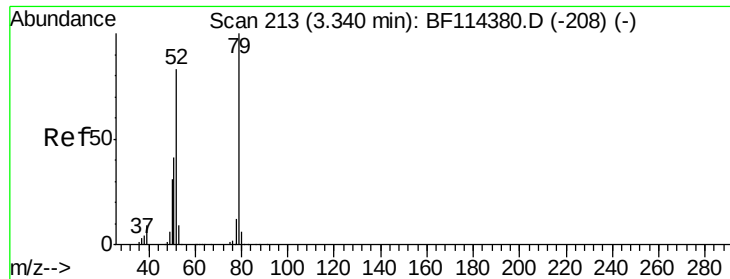
1,4-Dioxane
Concen: 31.171 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	68.7	103.1
43	34.4	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: 28.773 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.11 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

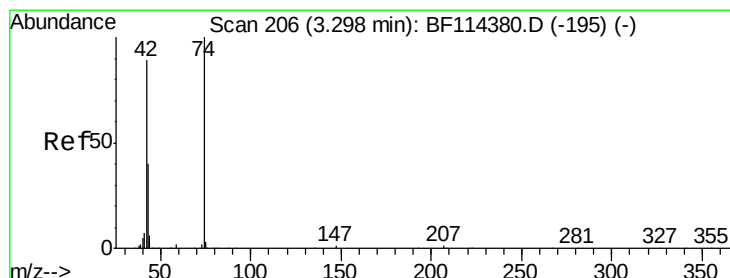
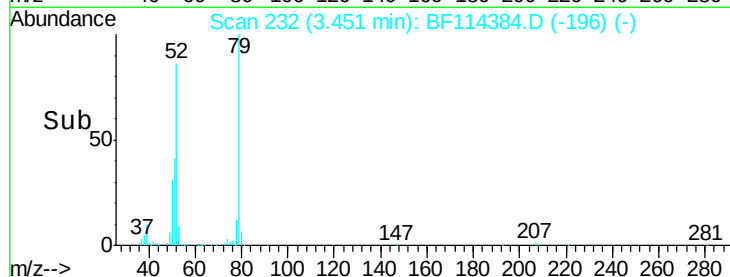
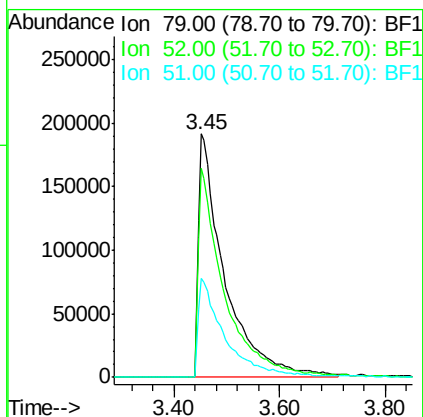
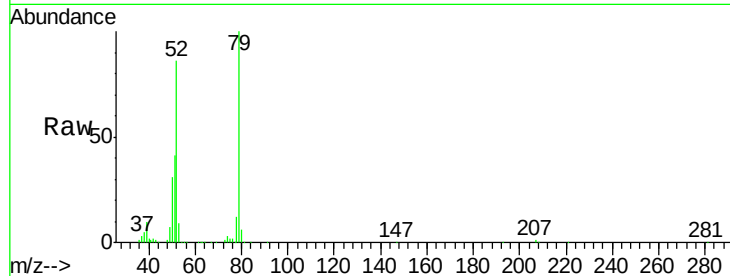
ClientSampled :

PB119803BS

Tgt Ion:	79	Resp:	665712
Ion	Ratio	Lower	Upper
79	100		
52	85.9	70.6	105.8
51	40.9	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 30.423 ng

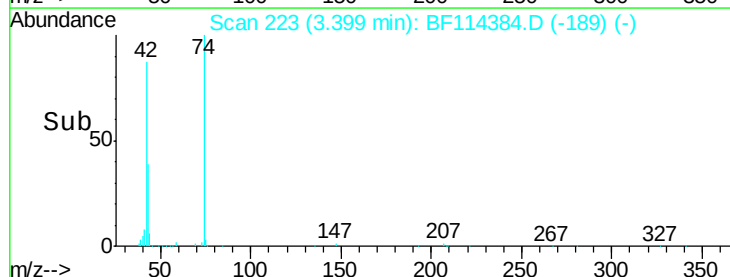
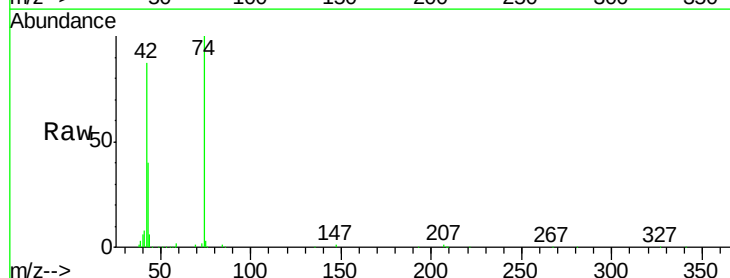
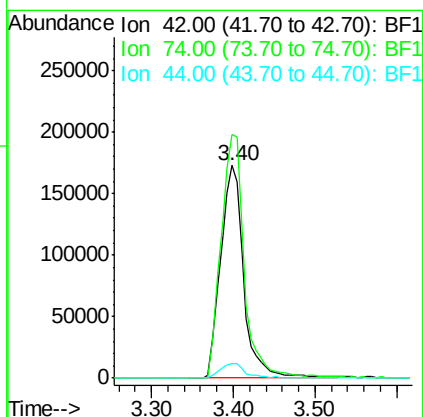
RT: 3.40 min Scan# 223

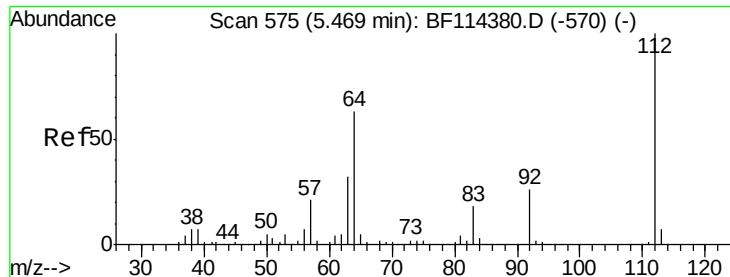
Delta R.T. 0.10 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:	42	Resp:	339439
Ion	Ratio	Lower	Upper
42	100		
74	114.6	88.6	132.8
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 105.278 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB119803BS

Tgt Ion: 112 Resp: 1608398

Ion Ratio Lower Upper

112 100

64 66.9 49.0 73.6

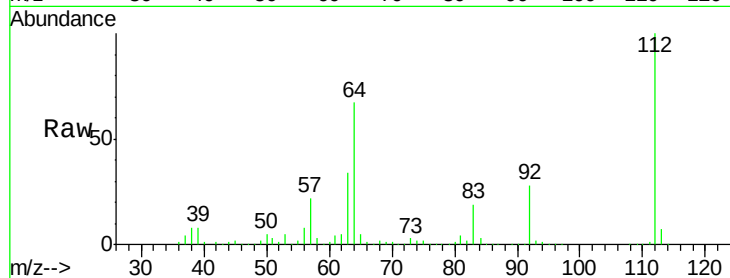
63 34.1 24.6 37.0

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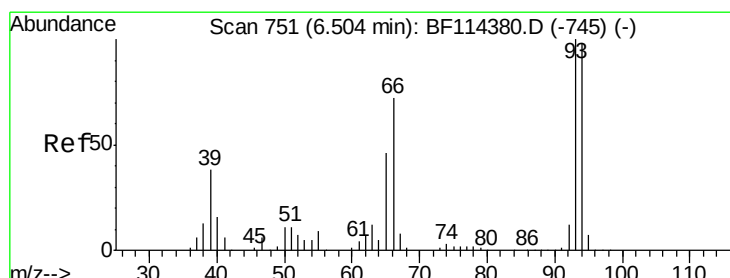
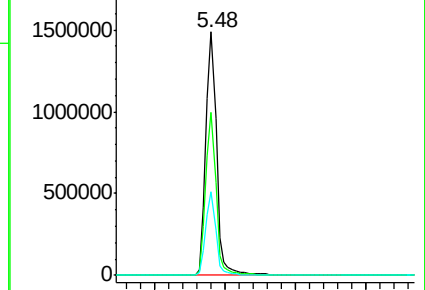
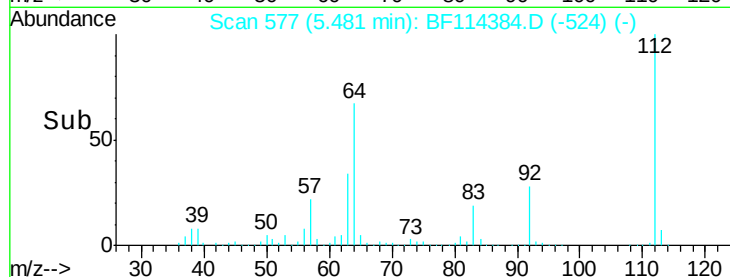
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.796 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

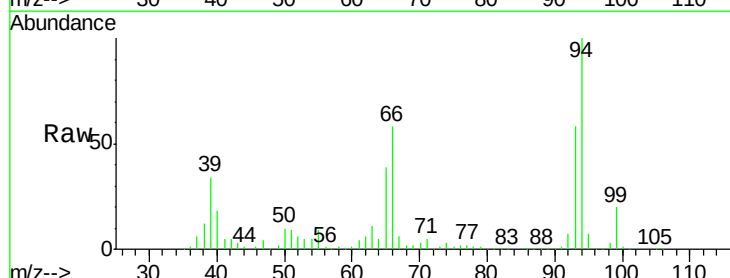
Tgt Ion: 93 Resp: 595005

Ion Ratio Lower Upper

93 100

66 100.0 33.2 49.8#

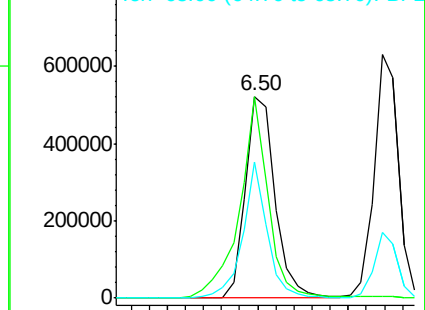
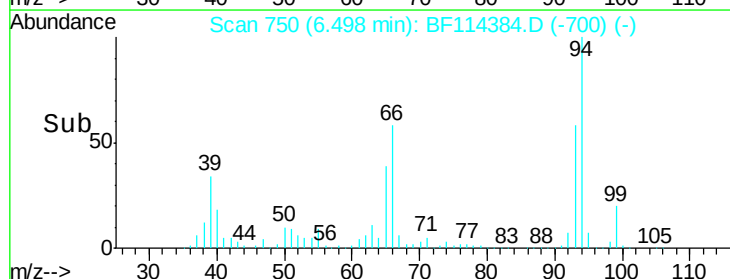
65 67.7 17.6 26.4#

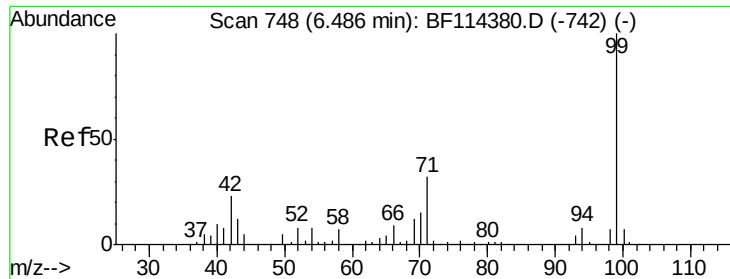


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.574 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

PB119803BS

Tgt Ion: 99 Resp: 2070268

Ion Ratio Lower Upper

99 100

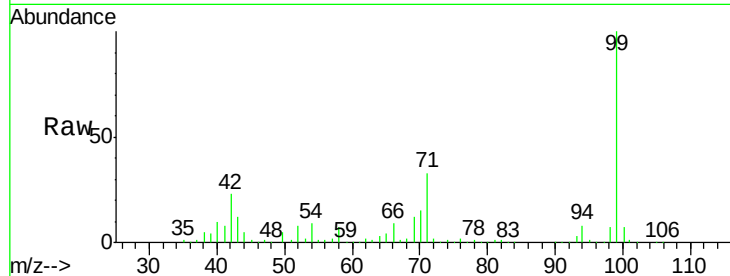
42 22.7 17.9 26.9

71 33.0 26.2 39.2

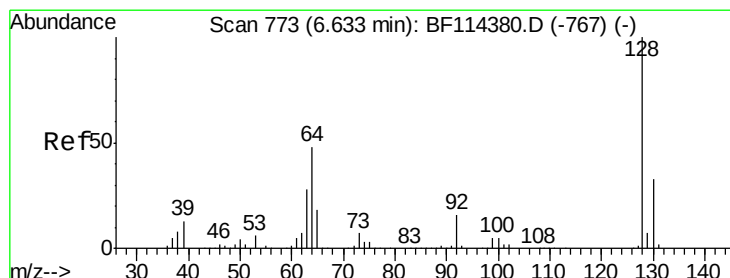
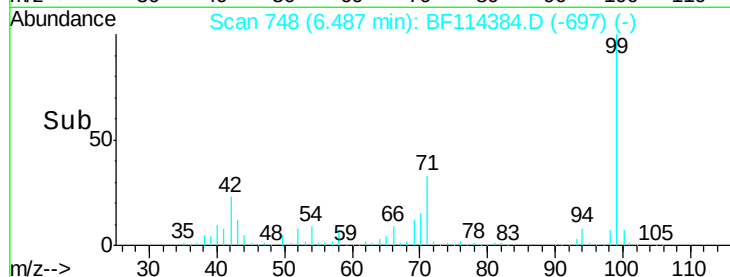
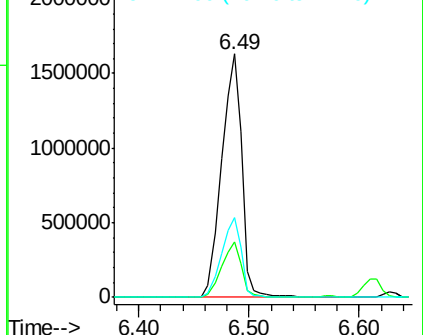
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.924 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

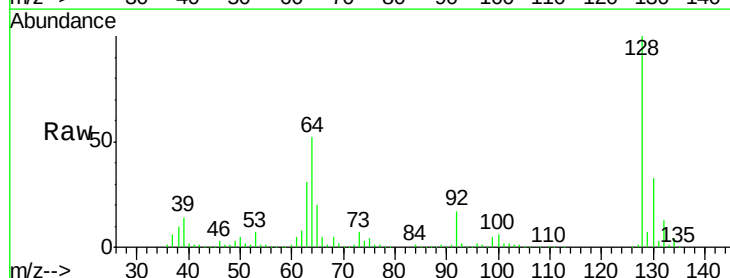
Tgt Ion: 128 Resp: 602225

Ion Ratio Lower Upper

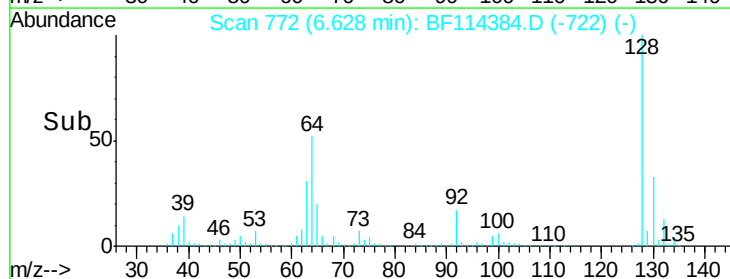
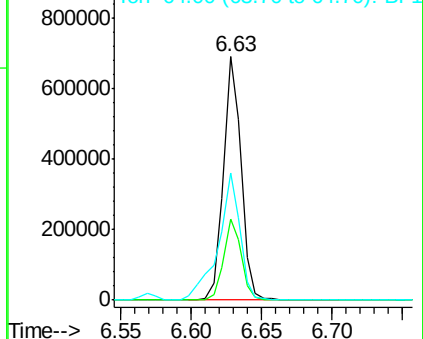
128 100

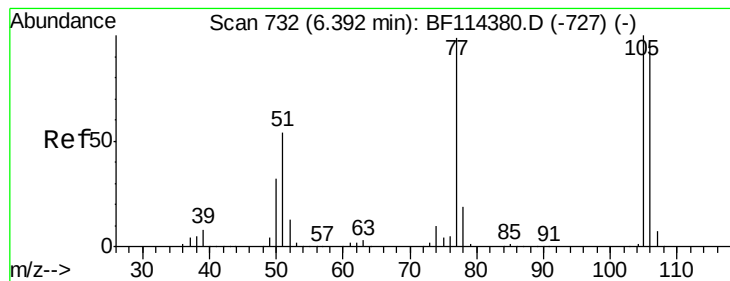
130 33.1 12.6 52.6

64 52.3 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.487 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB119803BS

Tgt Ion: 77 Resp: 208558
Ion Ratio Lower Upper

77 100

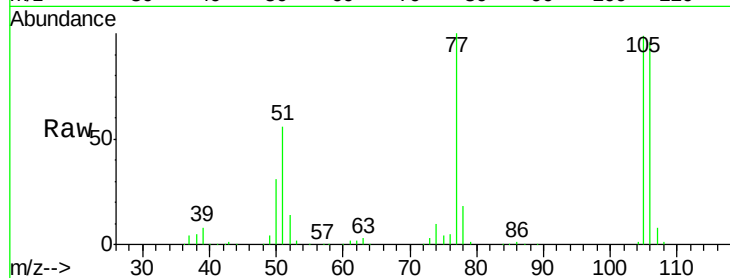
105 99.3 79.3 119.3

106 95.8 77.0 117.0

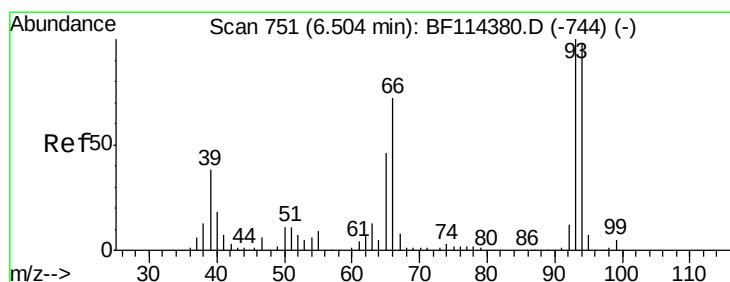
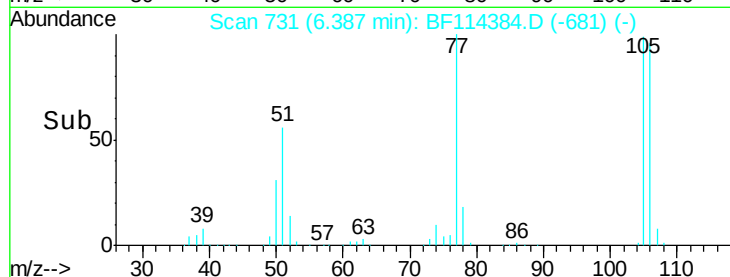
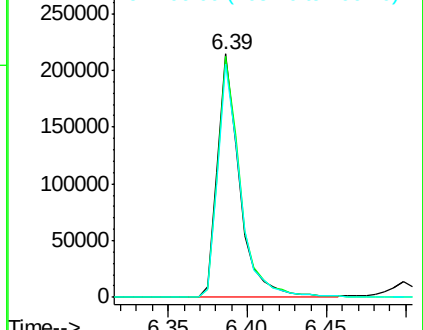
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.278 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114384.D

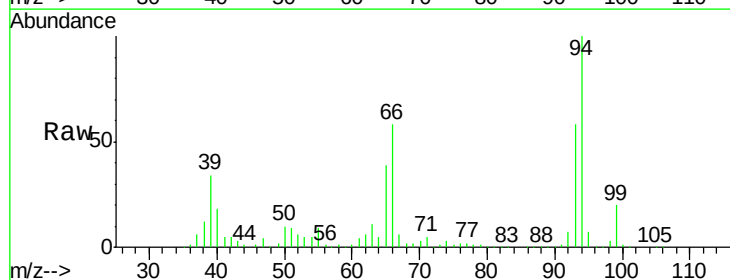
Acq: 18 May 2019 12:11

Tgt Ion: 94 Resp: 728632
Ion Ratio Lower Upper

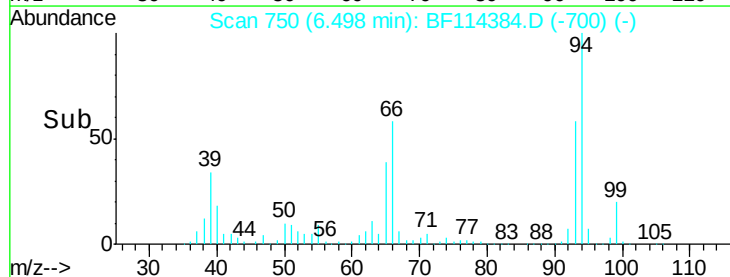
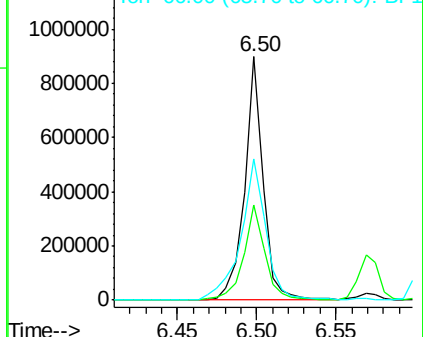
94 100

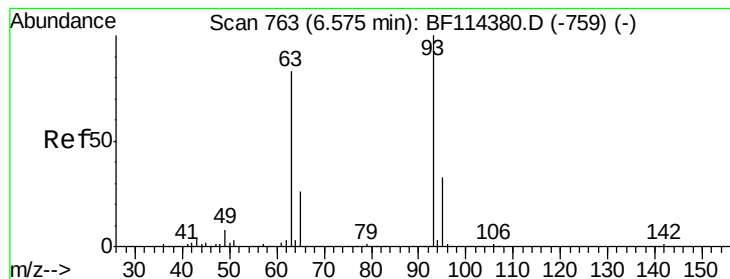
65 39.3 14.7 54.7

66 58.1 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





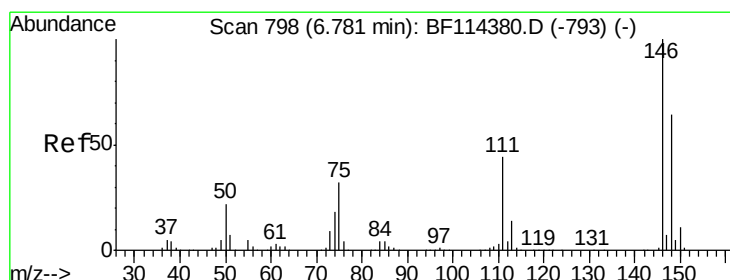
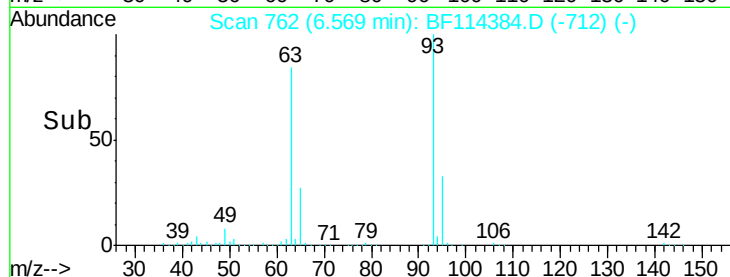
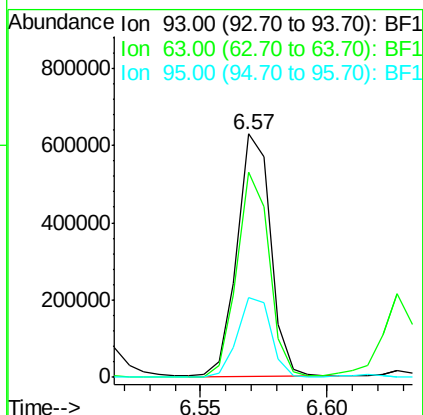
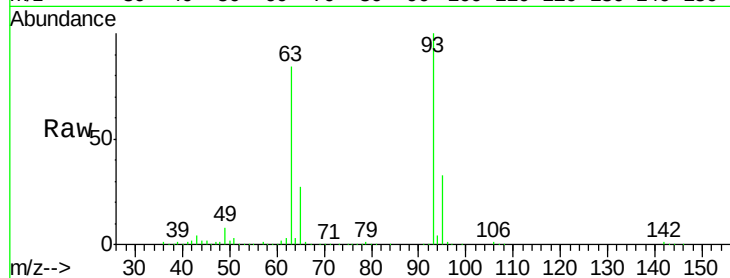
#11
bis(2-Chloroethyl)ether
Concen: 35.785 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.4	63.6	103.6
95	32.8	13.1	53.1

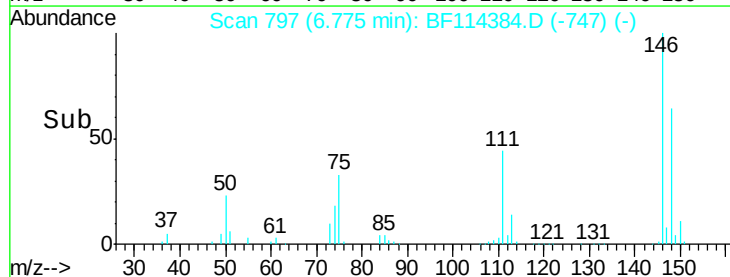
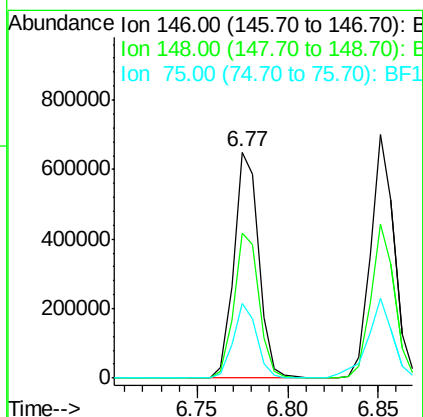
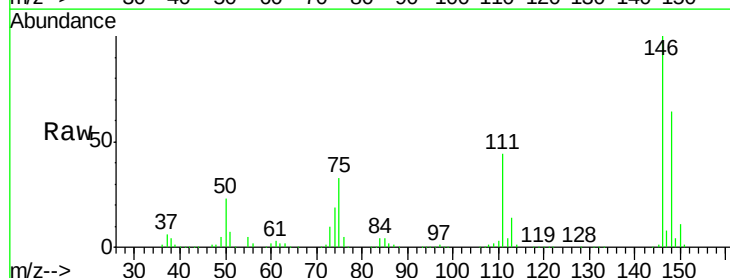
Manual Integrations
APPROVED

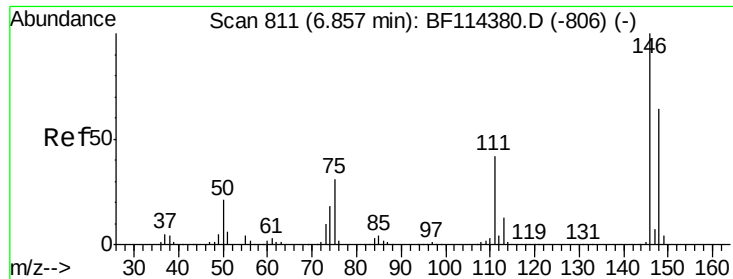
Sohil
5/21/2019 7:17:35 PM



#12
1,3-Dichlorobenzene
Concen: 33.771 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	33.1	24.2	36.2





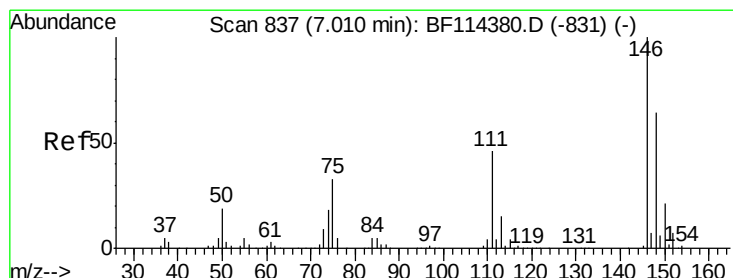
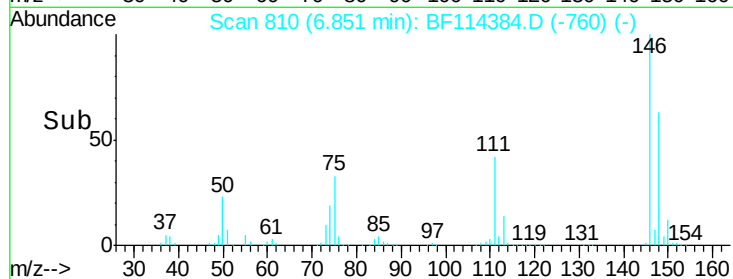
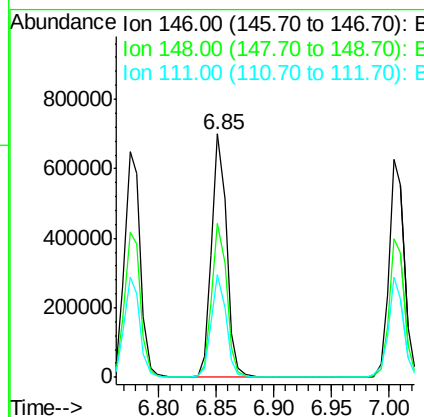
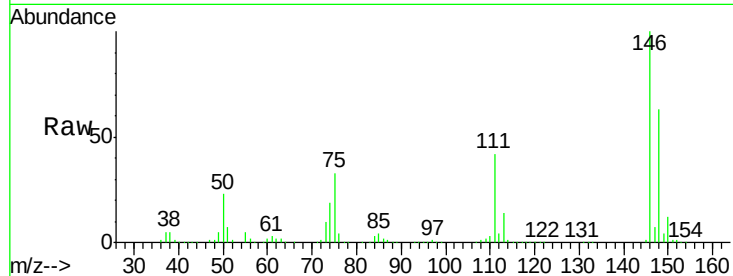
#13
 1,4-Dichlorobenzene
 Concen: 34.472 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampleID :
 PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	635945		
148	63.1	50.2	75.2	
111	42.4	35.8	53.6	

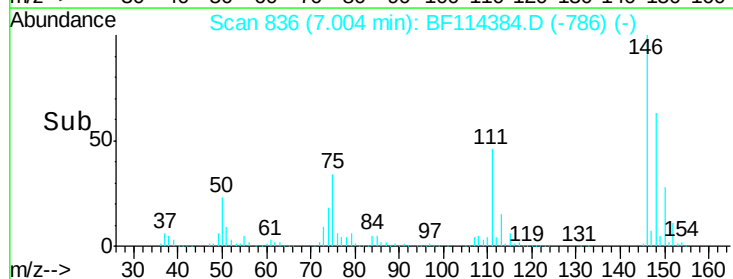
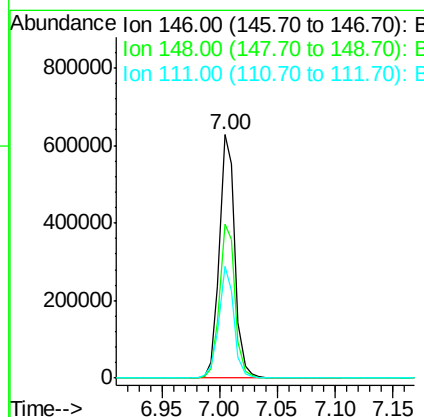
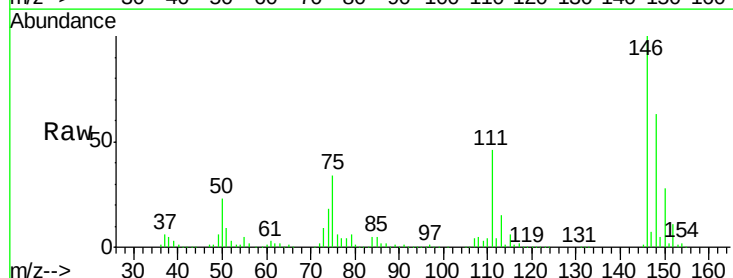
Manual Integrations
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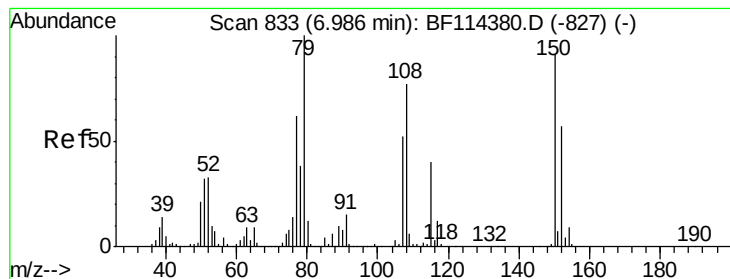
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 34.665 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	584255		
148	63.3	51.1	76.7	
111	45.8	35.3	52.9	





#15

Benzyl Alcohol

Concen: 34.600 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

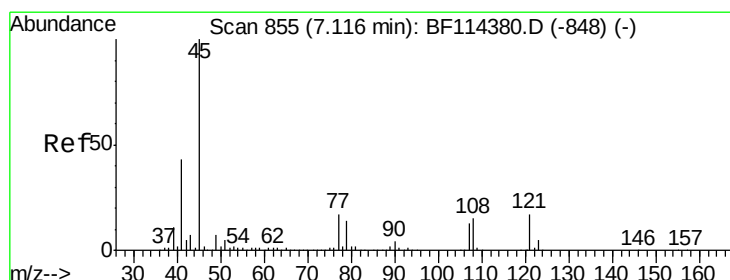
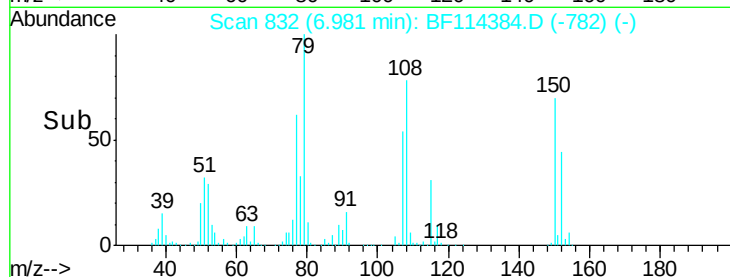
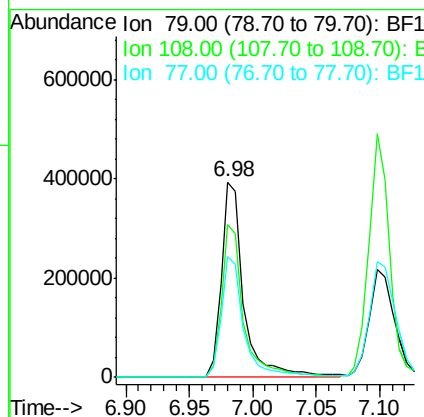
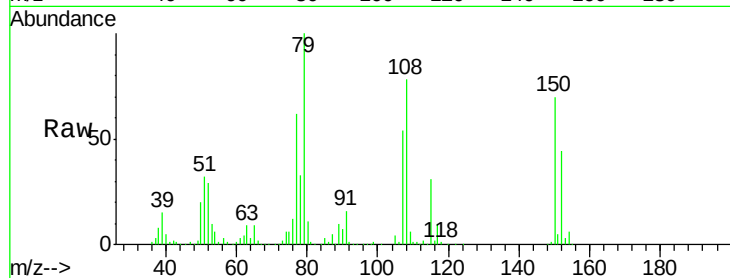
ClientSampleId :

PB119803BS

Tgt Ion:	79	Resp:	487616
Ion Ratio	Lower	Upper	
79	100		
108	78.0	62.1	93.1
77	61.9	51.0	76.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.600 ng

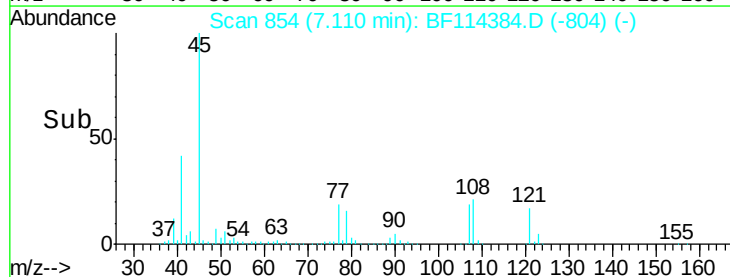
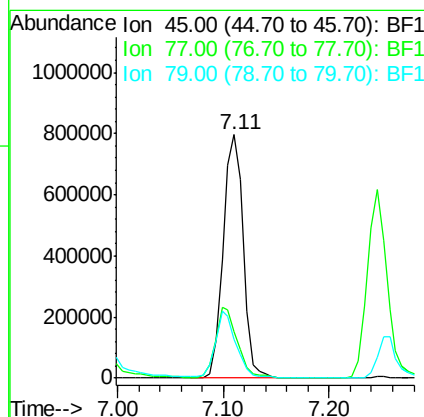
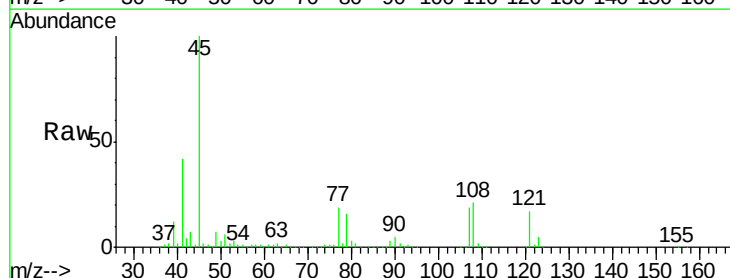
RT: 7.11 min Scan# 854

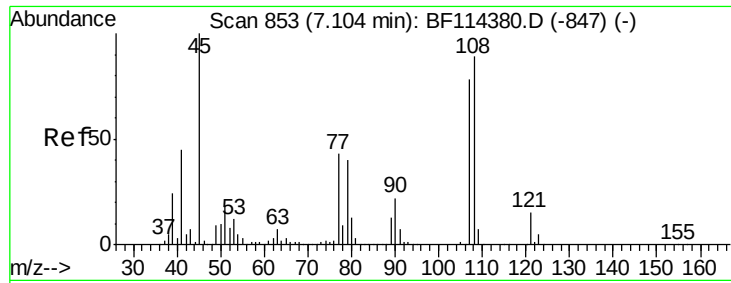
Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:	45	Resp:	1051324
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	31.1
79	16.2	0.0	28.4





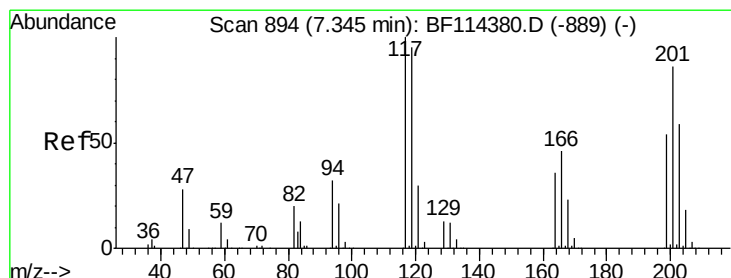
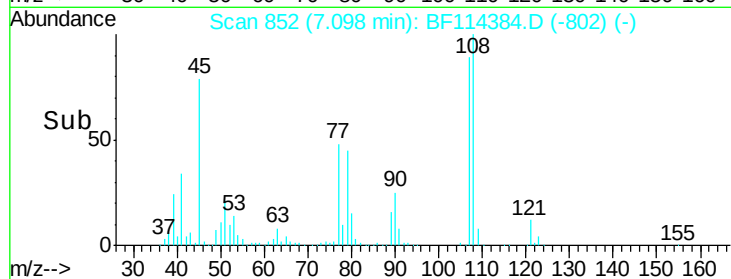
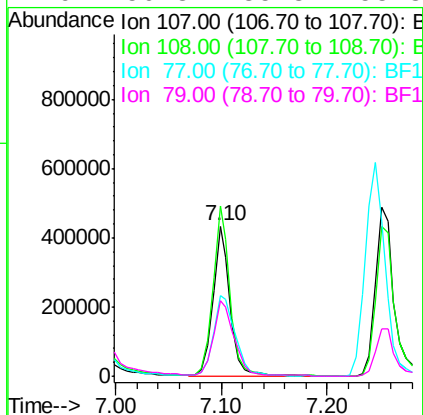
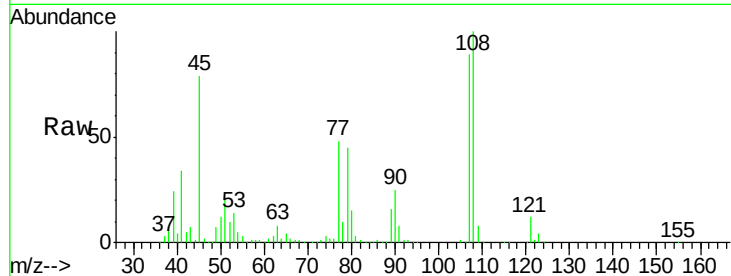
#17
2-Methylphenol
Concen: 36.554 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		489738		
108	112.9	90.5	135.7		
77	53.8	37.0	55.4		
79	50.3	35.8	53.8		

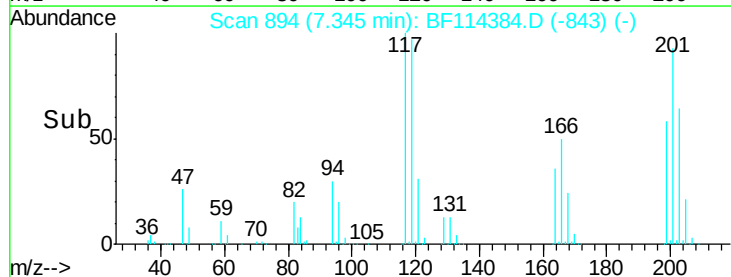
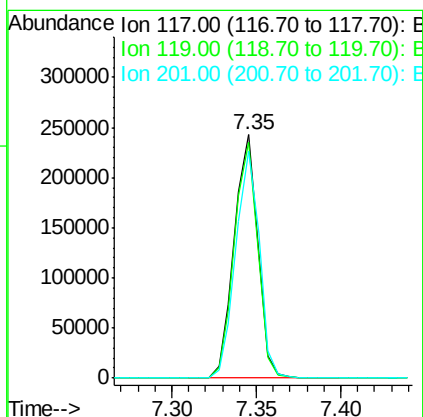
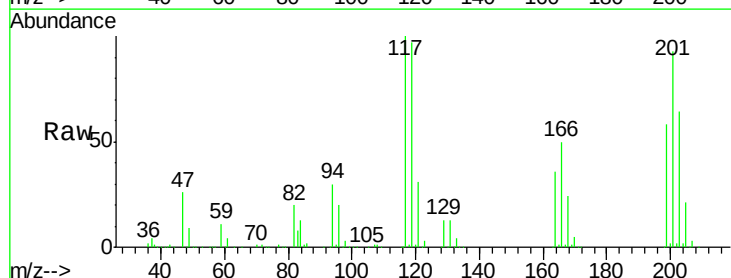
Manual Integrations
APPROVED

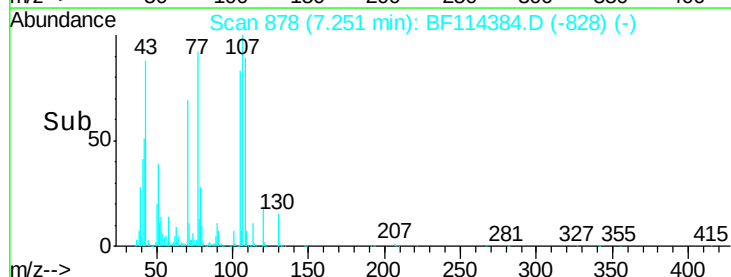
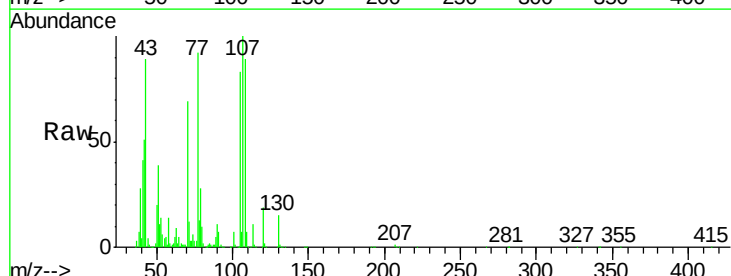
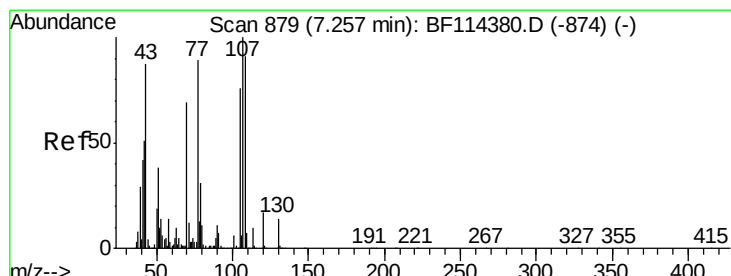
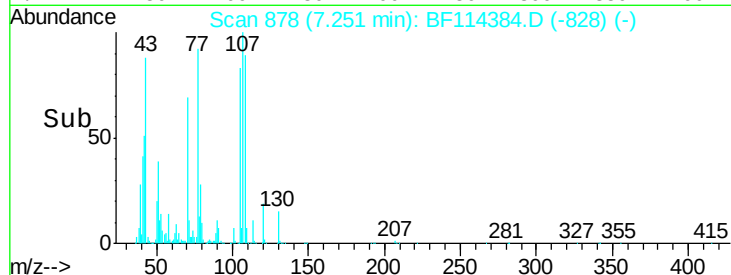
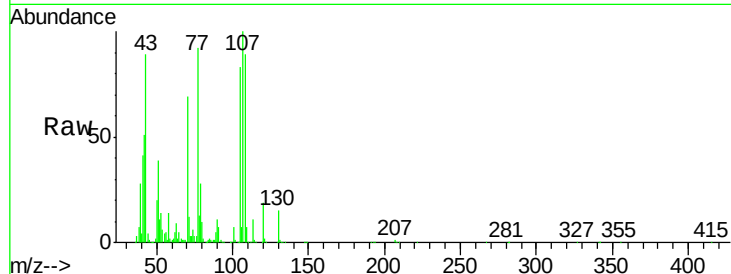
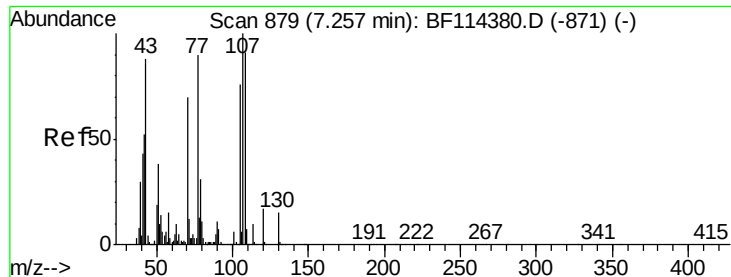
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#18
Hexachloroethane
Concen: 33.999 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		235437		
119	96.7	77.4	116.2		
201	93.4	74.5	111.7		





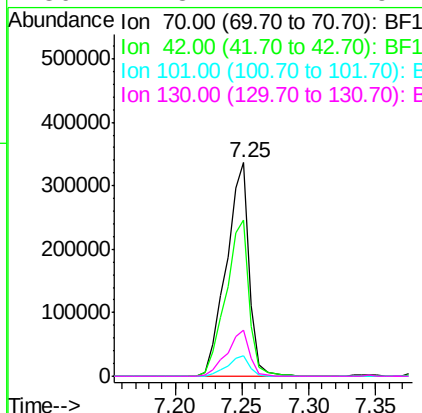
#19
n-Nitroso-di-n-propylamine
Concen: 35.541 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	407059		
42	73.2	58.6	87.8	
101	9.7	7.8	11.8	
130	21.8	17.1	25.7	

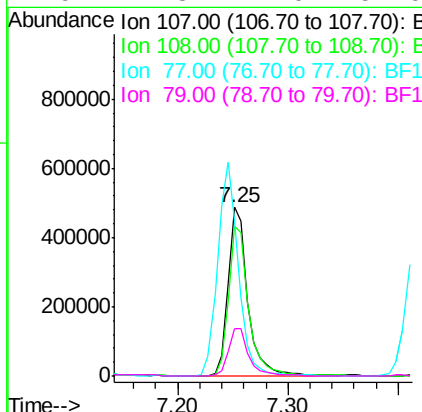
Manual Integrations
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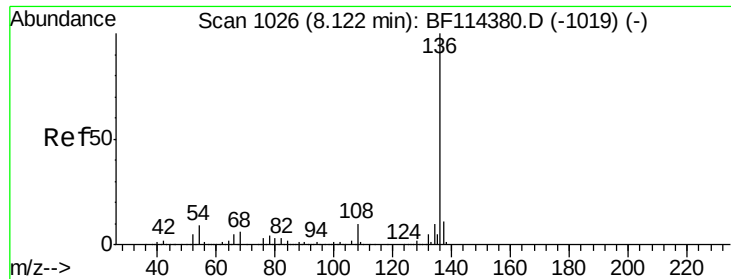
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#20
3+4-Methylphenols
Concen: 38.986 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	603477		
108	88.9	73.8	113.8	
77	92.0	111.5	151.5#	
79	27.8	12.0	52.0	





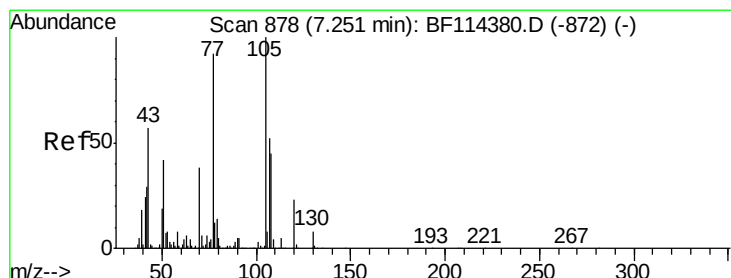
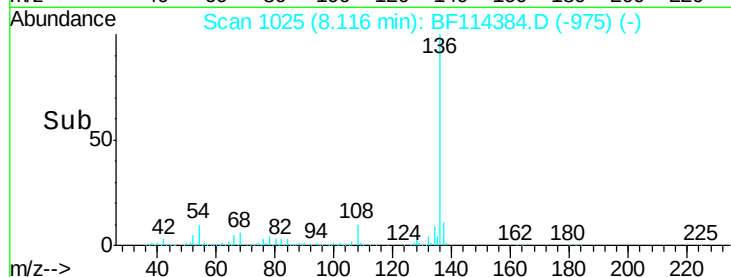
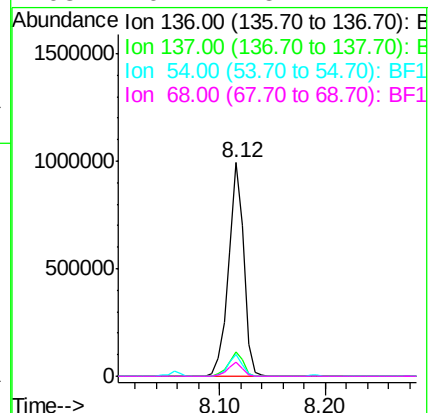
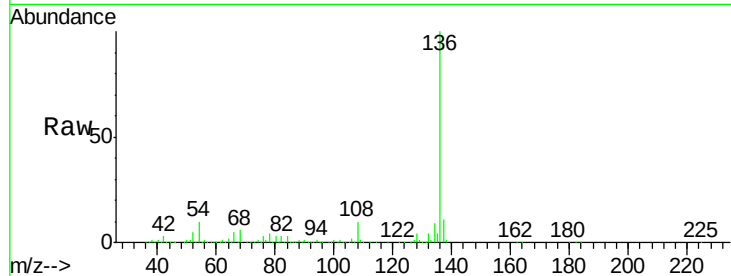
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	987994		
137	11.2	8.8	13.2	
54	10.0	7.8	11.8	
68	6.4	5.1	7.7	

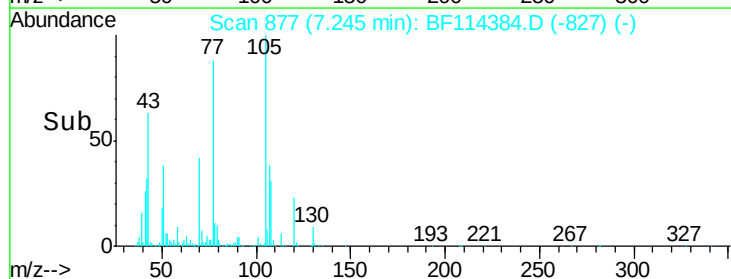
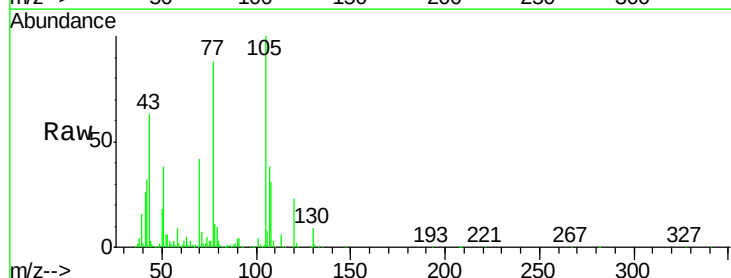
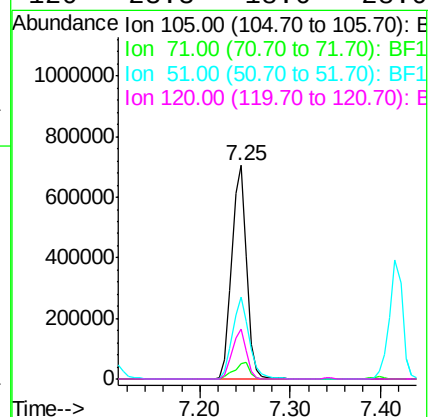
Manual Integrations
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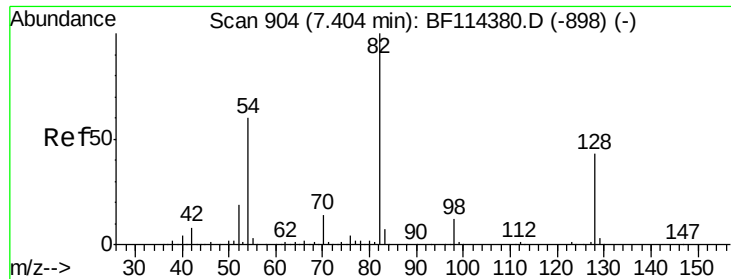
Sohil
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#22
Acetophenone
Concen: 36.435 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	797472		
71	7.2	5.3	7.9	
51	38.3	36.2	54.4	
120	23.3	18.6	28.0	





#23

Nitrobenzene-d5

Concen: 64.220 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB119803BS

Tgt Ion: 82 Resp: 1130595

Ion Ratio Lower Upper

82 100

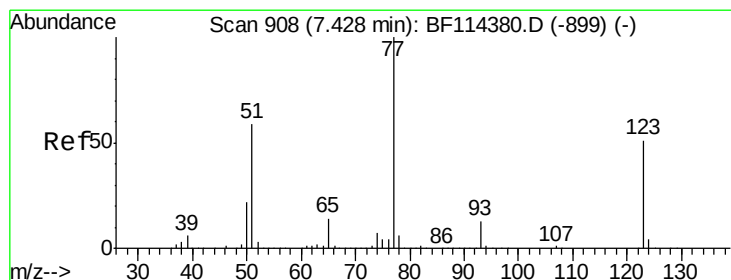
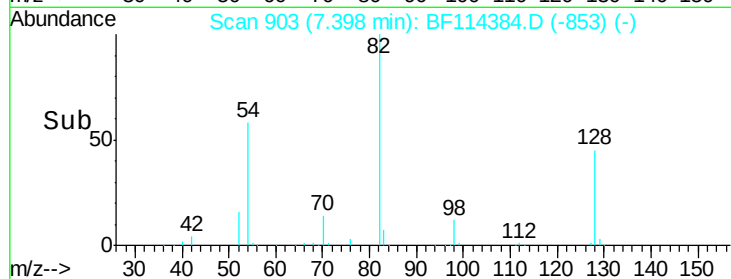
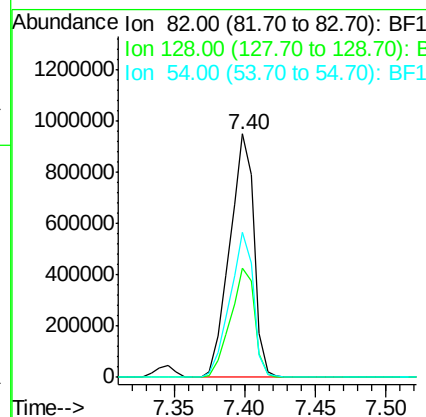
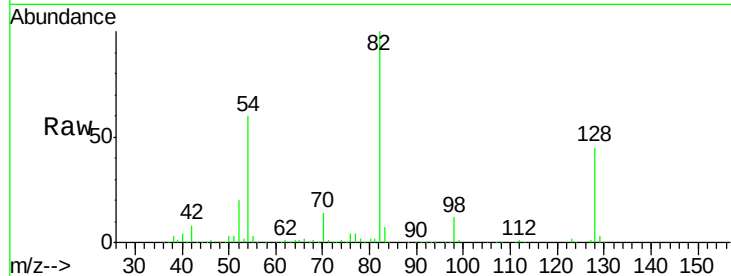
128 44.7 35.5 53.3

54 59.7 48.5 72.7

Manual Integrations
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#24

Nitrobenzene

Concen: 35.931 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

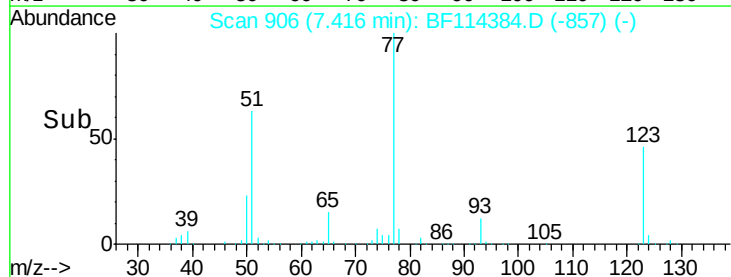
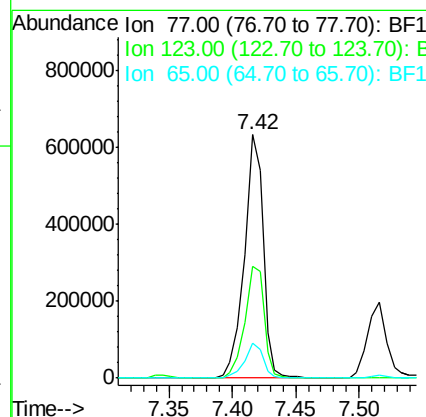
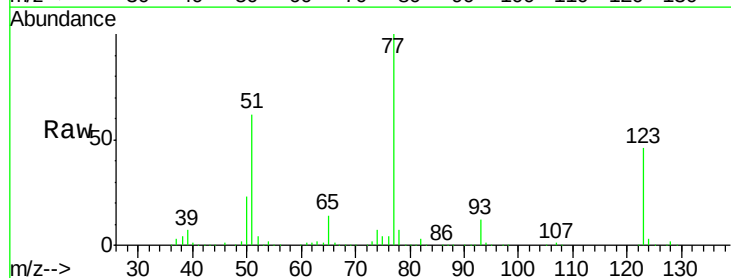
Tgt Ion: 77 Resp: 644276

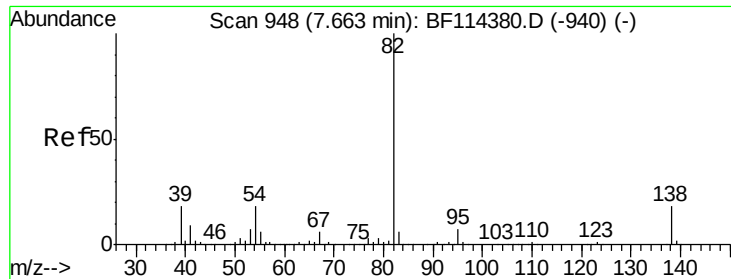
Ion Ratio Lower Upper

77 100

123 45.7 36.9 55.3

65 14.4 11.8 17.6





#25

Isophorone

Concen: 35.514 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampled :

PB119803BS

Tgt Ion: 82 Resp: 1159539

Ion Ratio Lower Upper

82 100

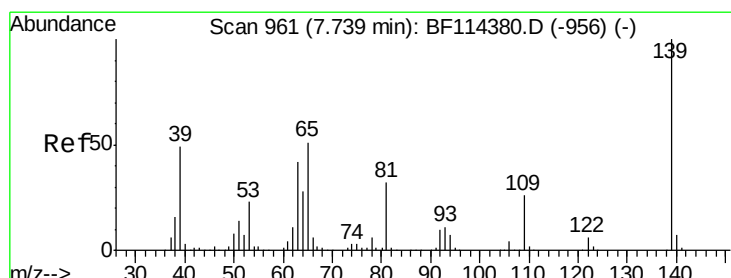
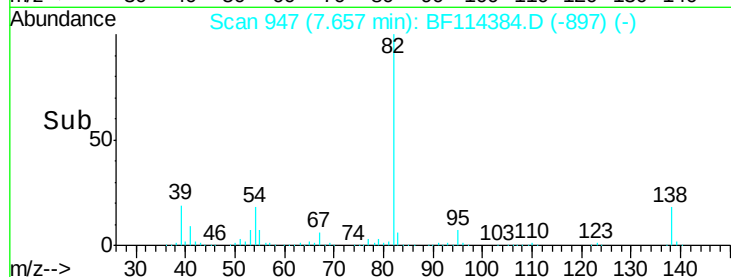
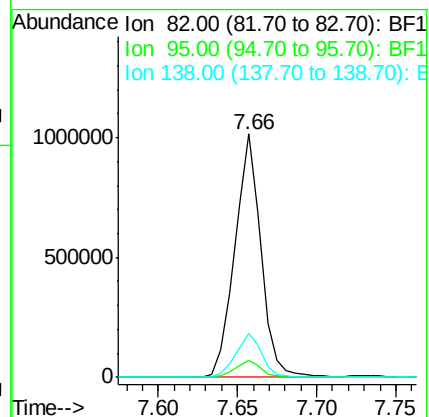
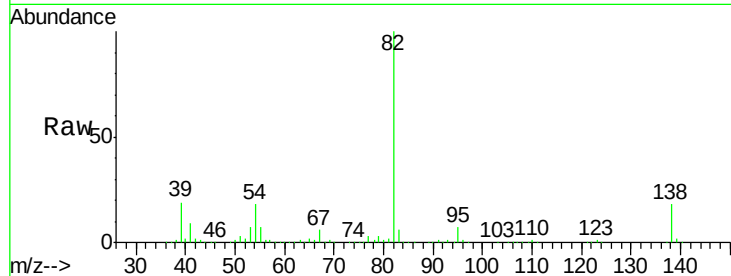
95 6.7 5.6 8.4

138 18.3 14.8 22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.279 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

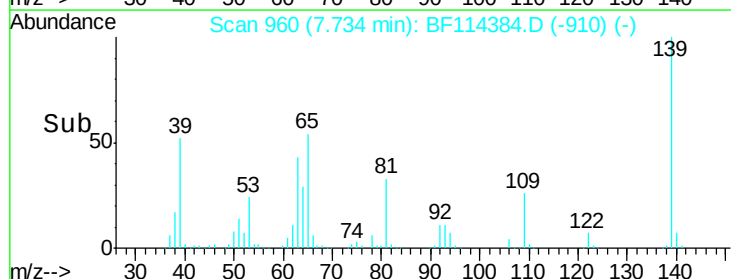
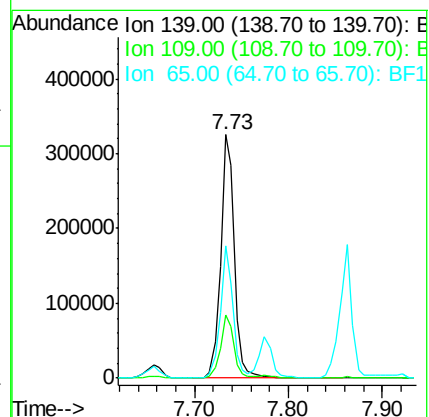
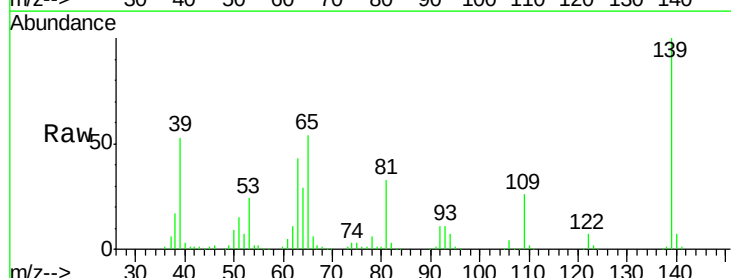
Tgt Ion: 139 Resp: 333003

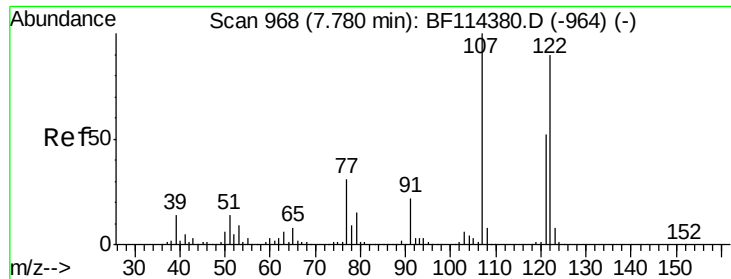
Ion Ratio Lower Upper

139 100

109 26.0 20.7 31.1

65 54.4 40.2 60.2





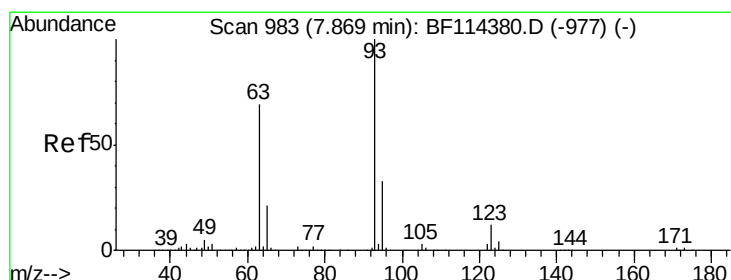
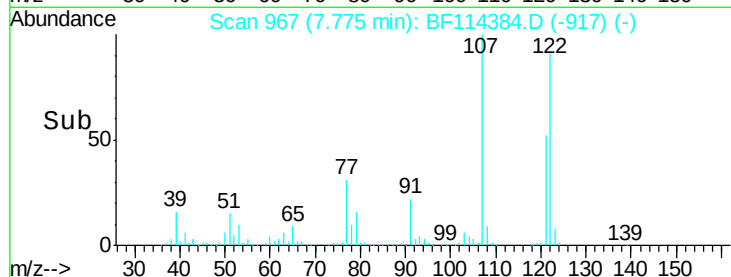
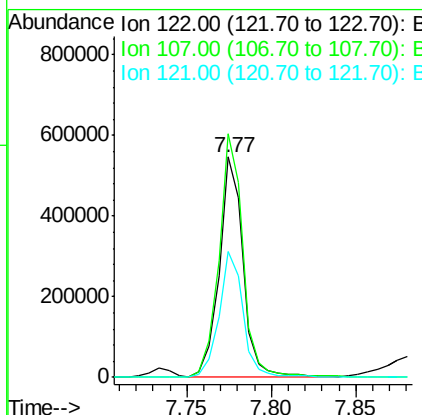
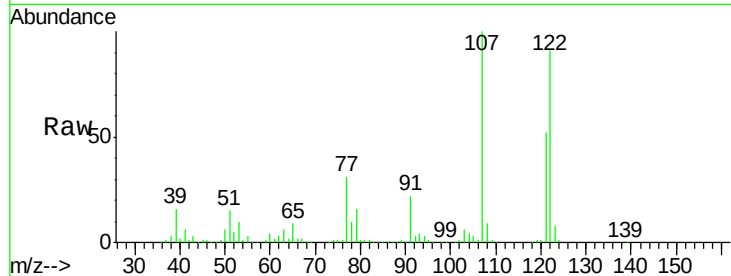
#27
2,4-Dimethylphenol
Concen: 39.375 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	537988		
107	110.5	88.4	132.6	
121	56.9	45.9	68.9	

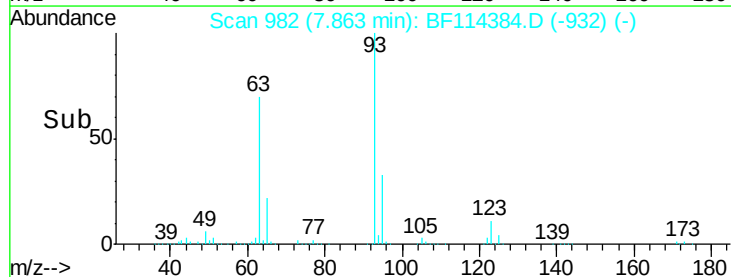
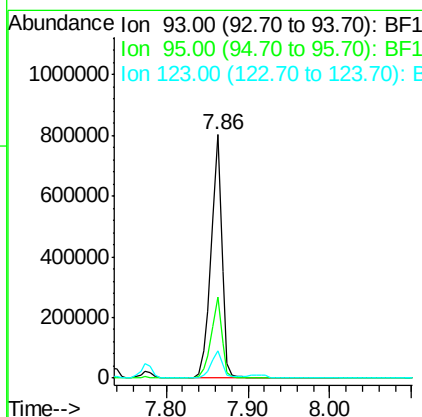
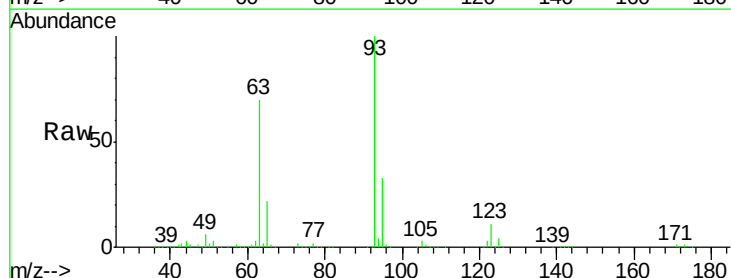
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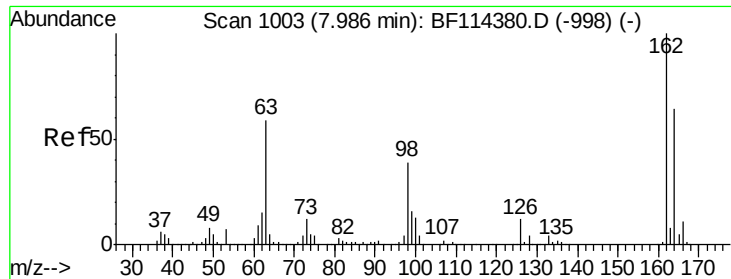
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#28
bis(2-Chloroethoxy)methane
Concen: 34.885 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	739025		
95	33.5	26.8	40.2	
123	11.4	9.5	14.3	





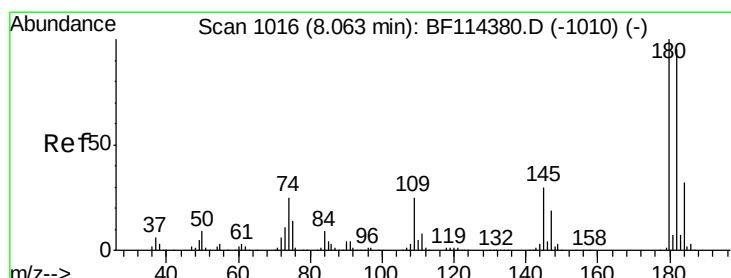
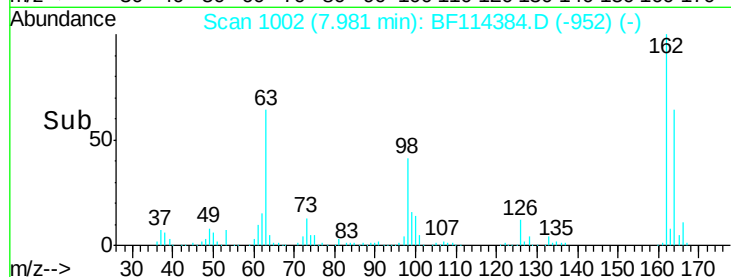
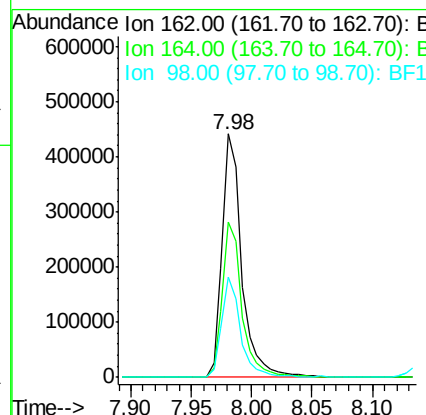
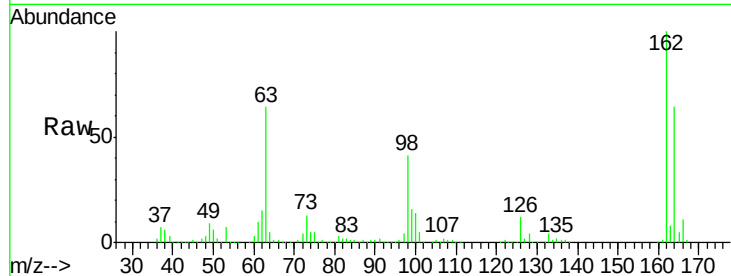
#29
2,4-Dichlorophenol
Concen: 36.404 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampled :
PB119803BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	43.6	83.6
98	41.0	20.6	60.6

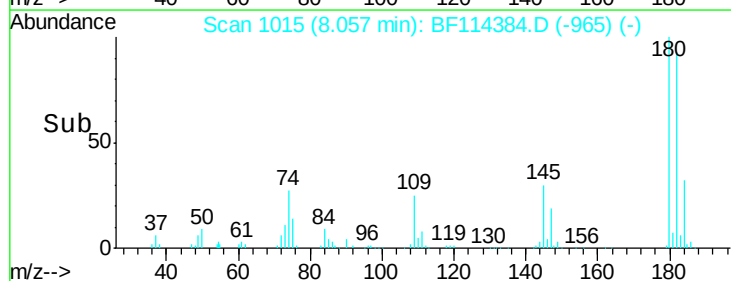
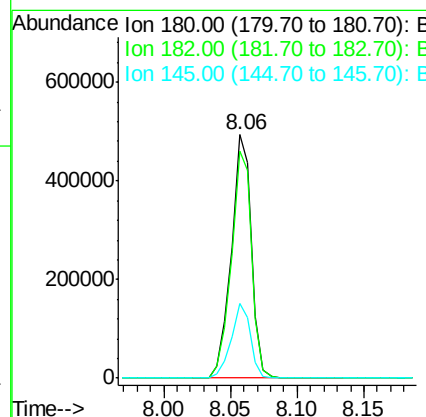
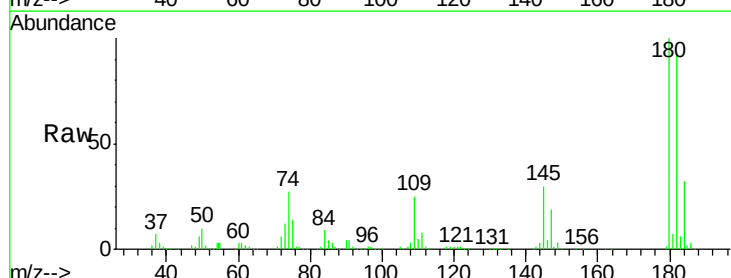
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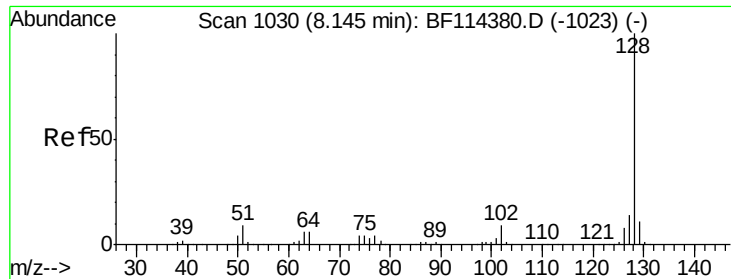
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#30
1,2,4-Trichlorobenzene
Concen: 34.026 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.1	76.6	114.8
145	30.4	25.1	37.7





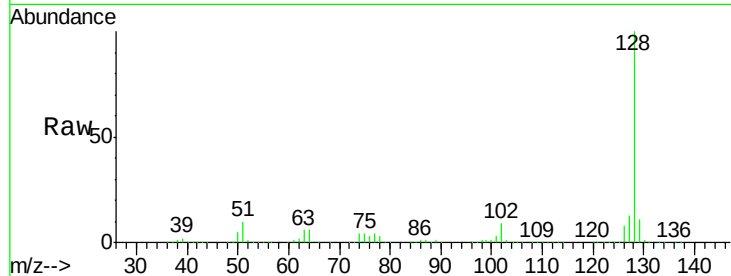
#31
Naphthalene
Concen: 36.641 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

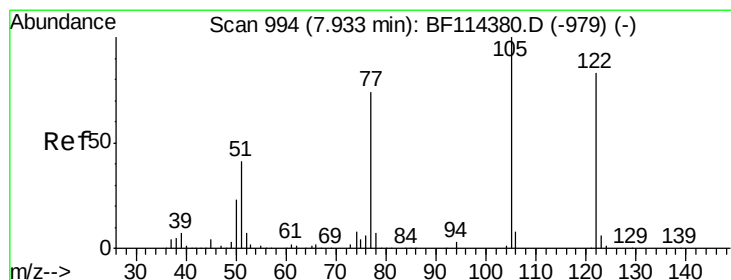
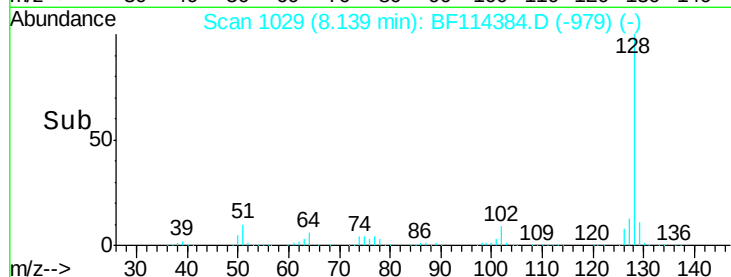
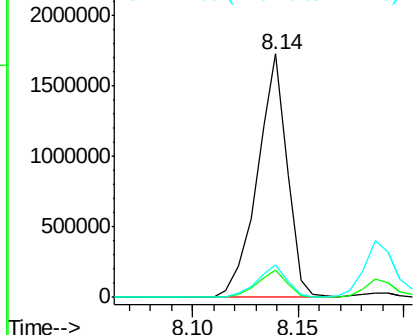
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.4	11.3	16.9

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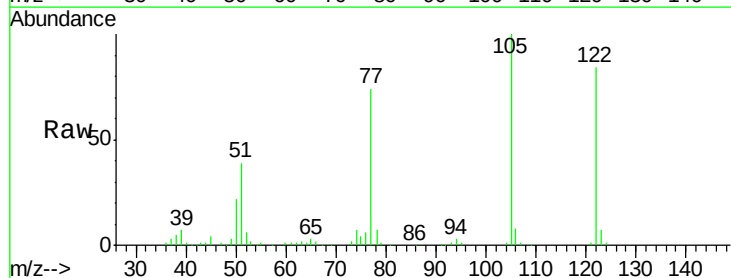


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

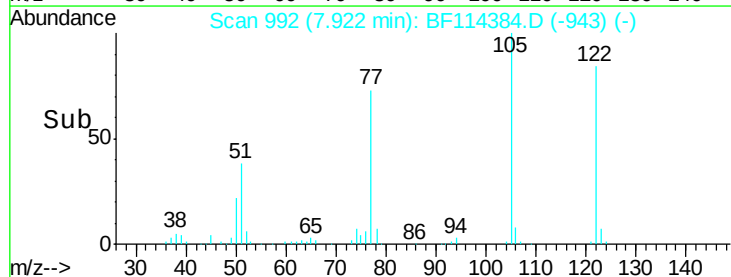
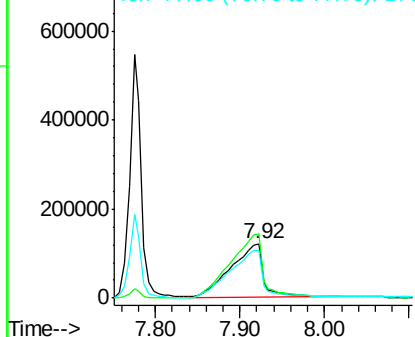


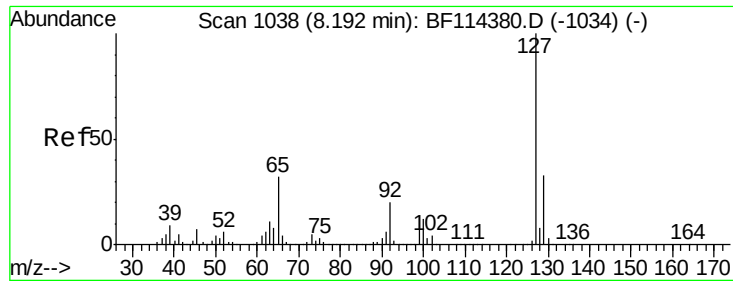
#32
Benzoic acid
Concen: 35.334 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	99.9	139.9
77	88.4	69.4	109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





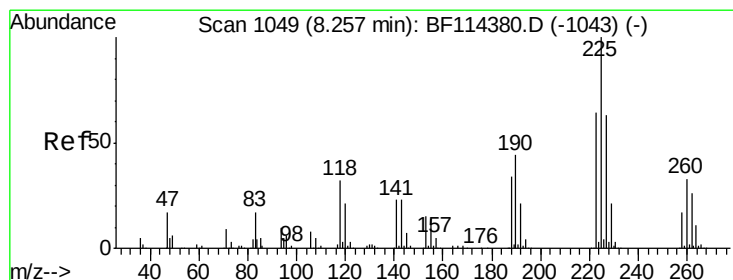
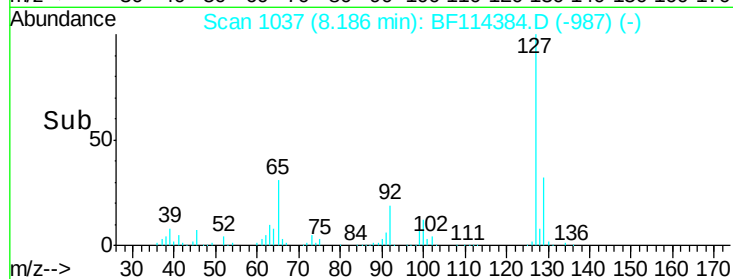
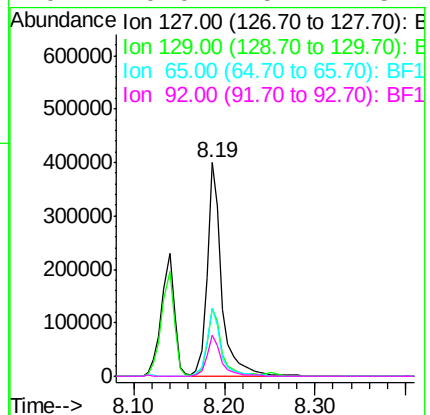
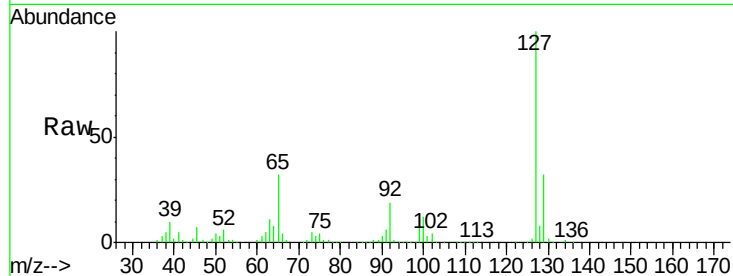
#33
4-Chloroaniline
Concen: 21.291 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	447769		
129	32.0	26.7	40.1	
65	32.1	25.4	38.0	
92	19.0	15.4	23.2	

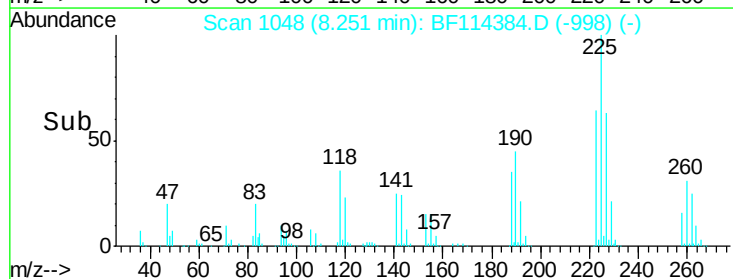
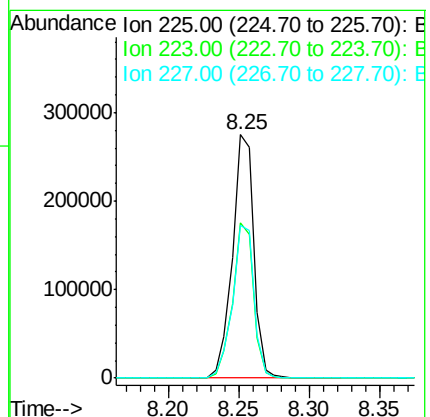
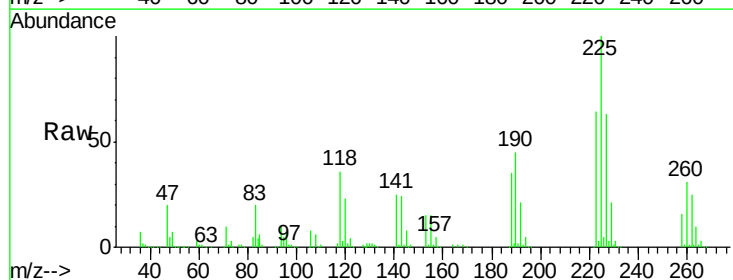
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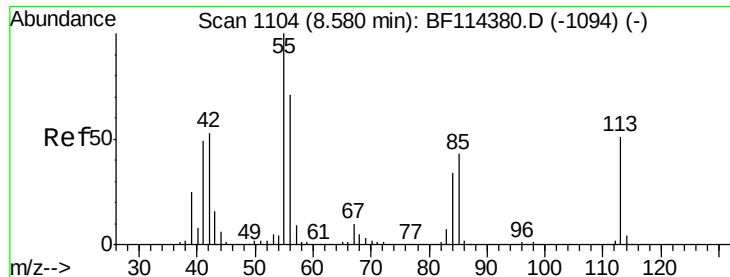
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#34
Hexachlorobutadiene
Concen: 32.790 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	288643		
223	63.8	50.2	75.2	
227	62.9	52.6	79.0	





#35

Caprolactam

Concen: 39.847 ng m

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

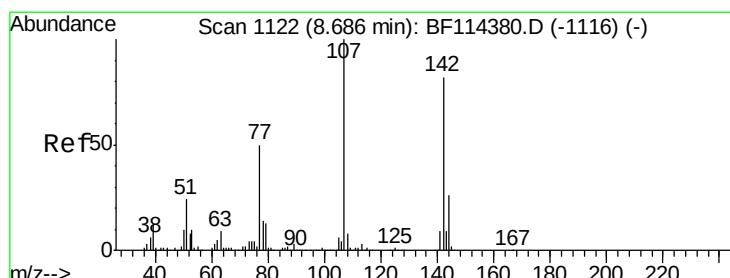
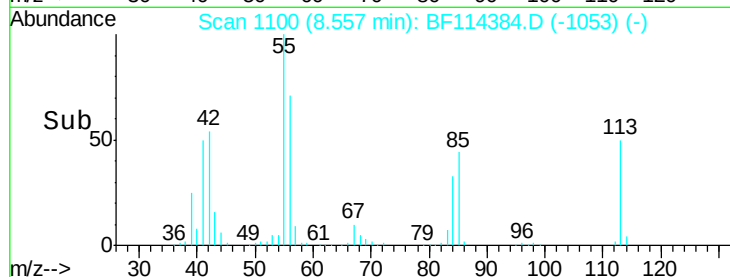
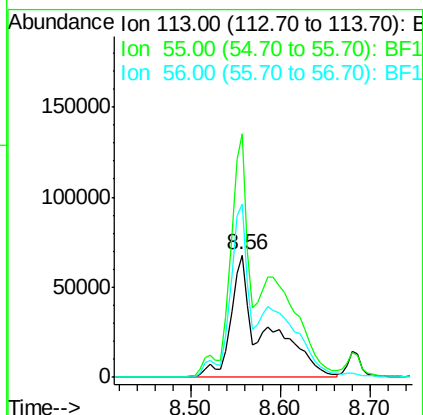
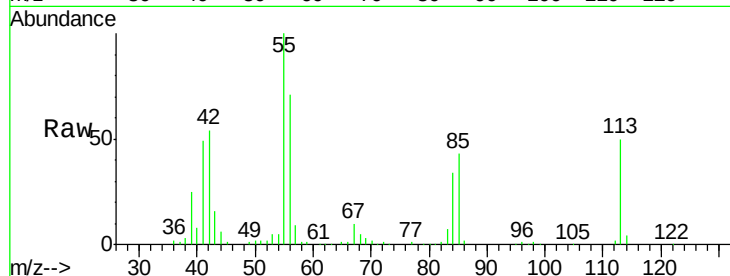
ClientSampled :

PB119803BS

Tgt Ion:	113	Resp:	176772
Ion Ratio	Lower	Upper	
113	100		
55	198.8	183.5	223.5
56	141.7	128.8	168.8

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#36

4-Chloro-3-methylphenol

Concen: 38.286 ng

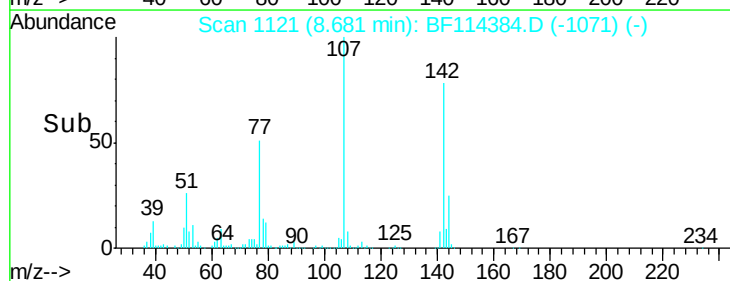
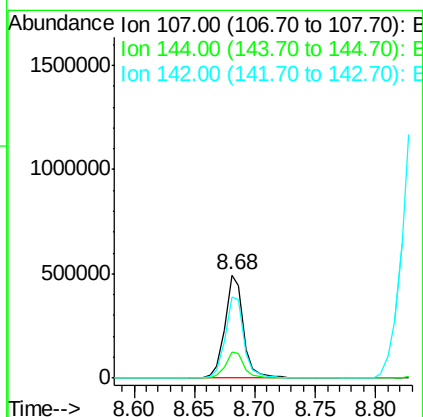
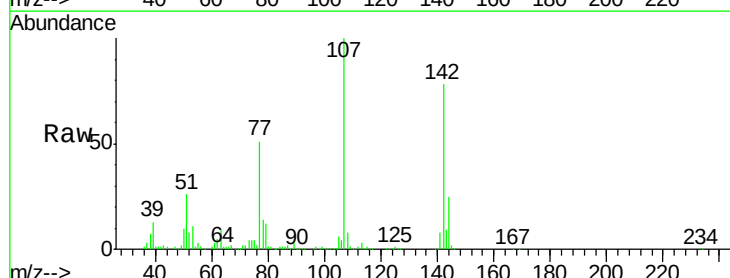
RT: 8.68 min Scan# 1121

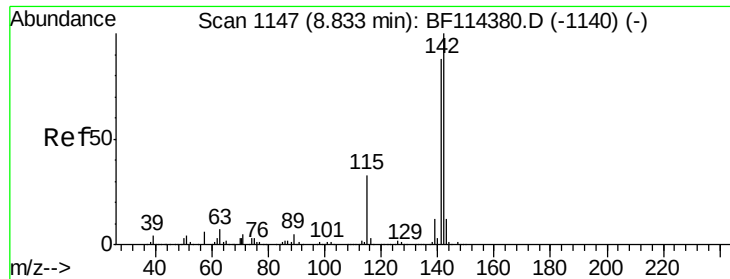
Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:	107	Resp:	524325
Ion Ratio	Lower	Upper	
107	100		
144	24.8	20.4	30.6
142	78.4	64.2	96.4





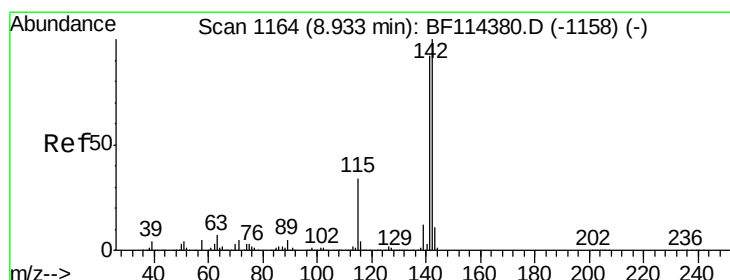
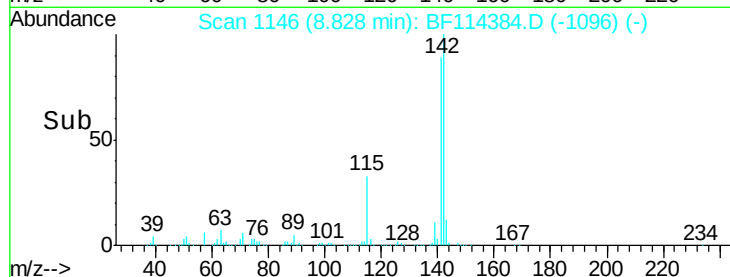
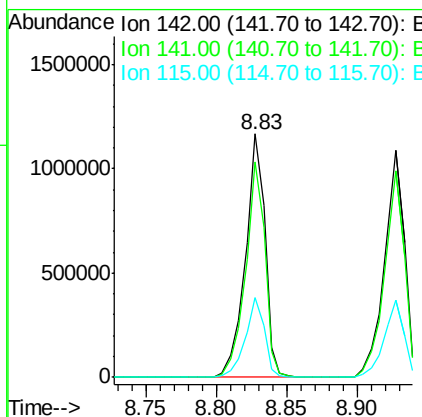
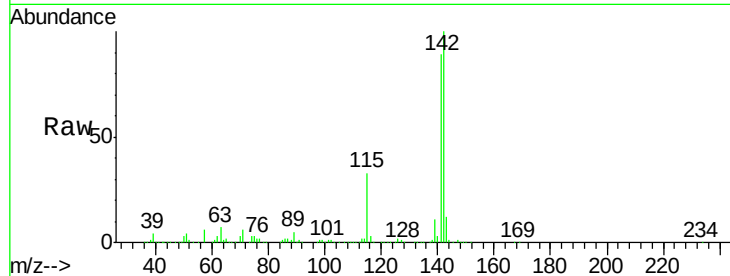
#37
2-Methylnaphthalene
Concen: 38.111 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion:142 Resp: 1134786
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1
115 32.5 28.0 42.0

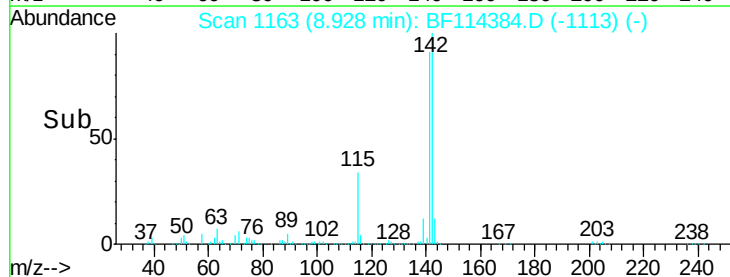
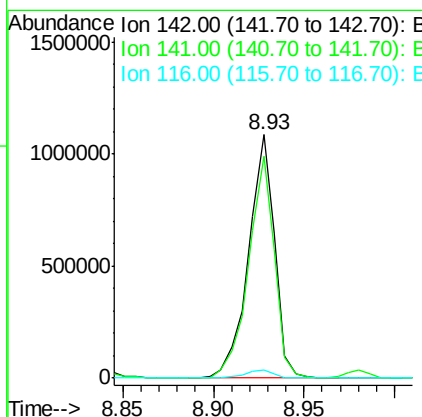
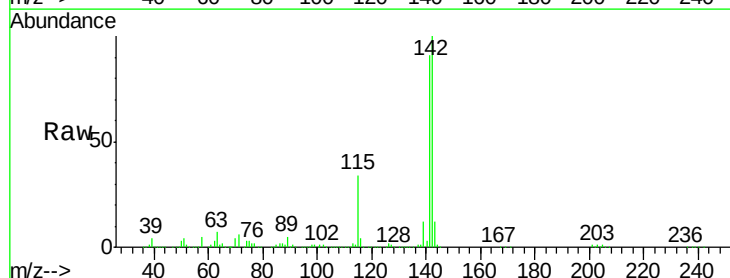
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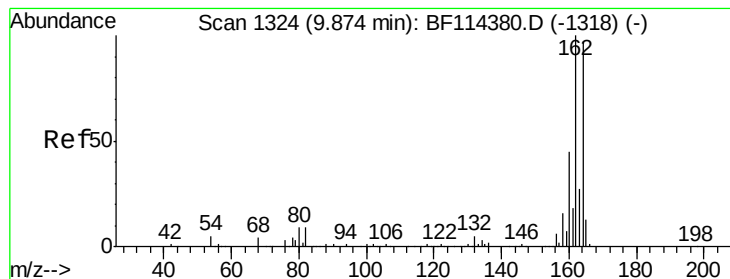
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#38
1-Methylnaphthalene
Concen: 38.405 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion:142 Resp: 1076918
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0
116 3.5 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: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

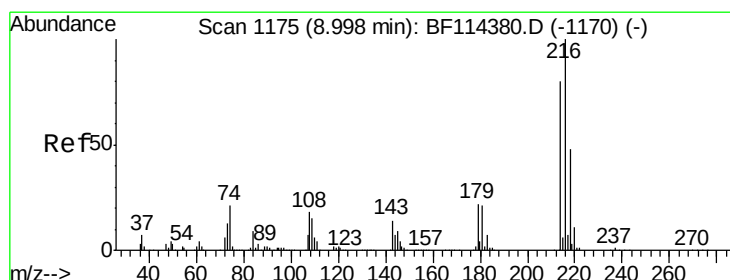
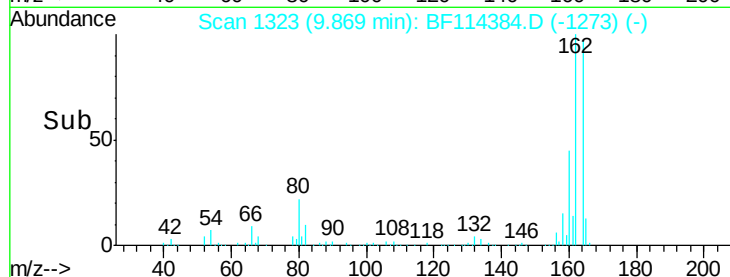
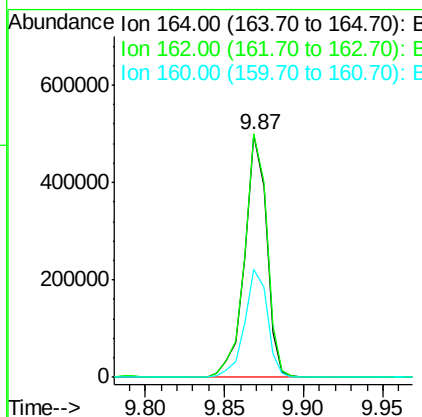
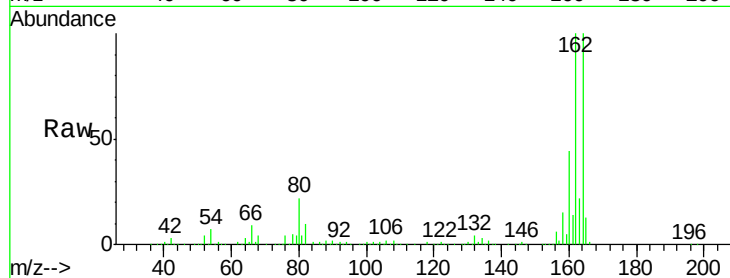
ClientSampleId :

PB119803BS

Tgt Ion:	164	Resp:	478721
Ion Ratio	Lower	Upper	
164	100		
162	100.3	80.6	120.8
160	44.6	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.078 ng

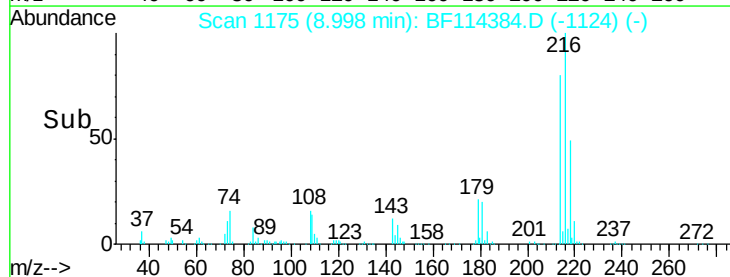
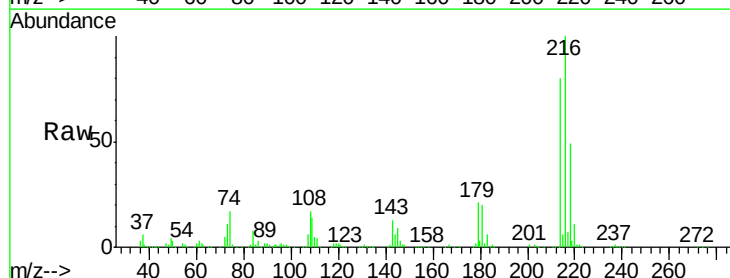
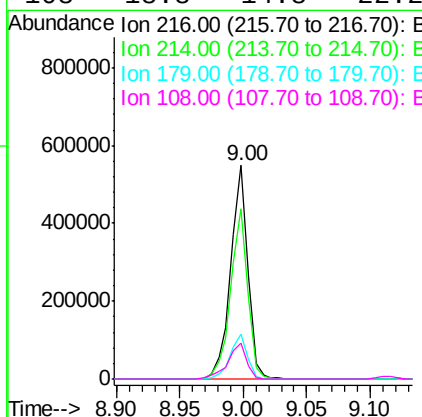
RT: 9.00 min Scan# 1175

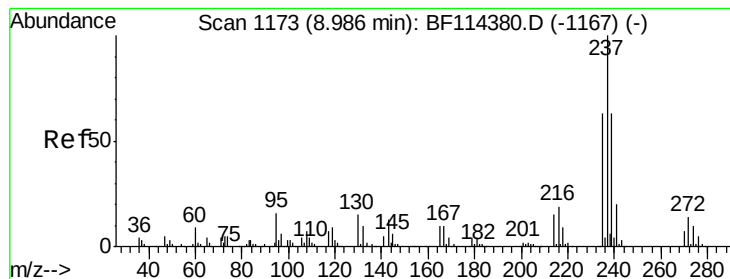
Delta R.T. 0.00 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:	216	Resp:	508680
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.9	95.9
179	21.3	17.0	25.6
108	18.8	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 36.817 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

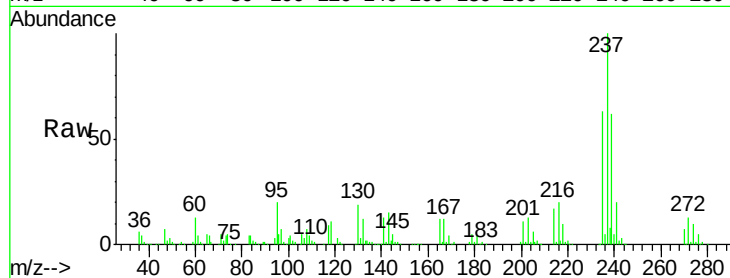
ClientSampleId :

PB119803BS

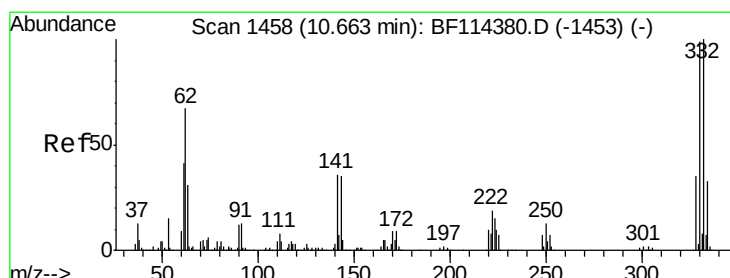
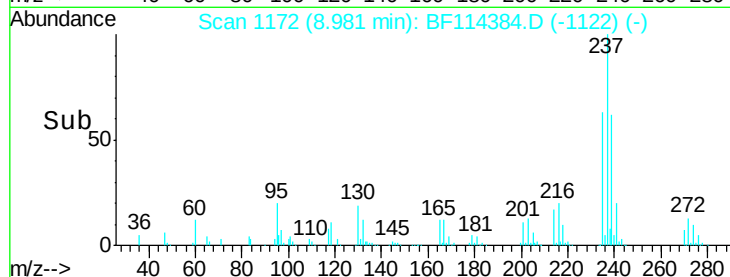
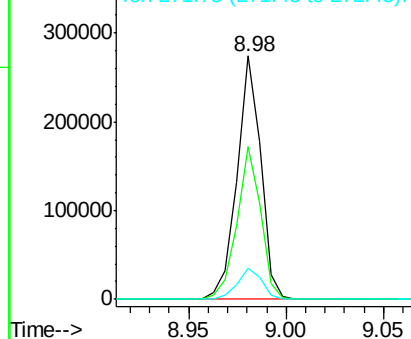
Tgt Ion:	237	Resp:	232066
Ion Ratio		Lower	Upper
237	100		
235	62.6	42.0	82.0
272	12.5	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 100.905 ng

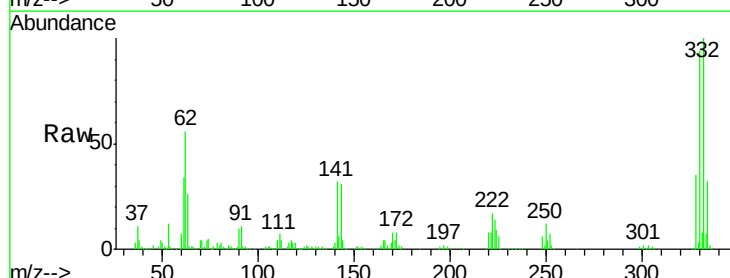
RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

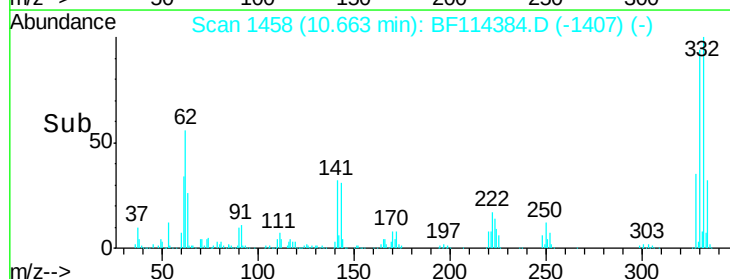
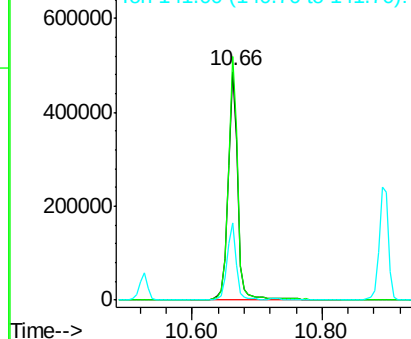
Lab File: BF114384.D

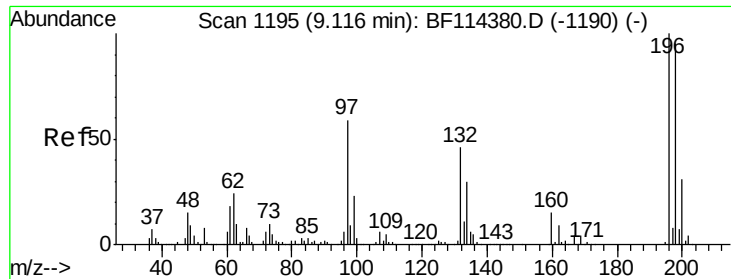
Acq: 18 May 2019 12:11

Tgt Ion:	330	Resp:	499394
Ion Ratio		Lower	Upper
330	100		
332	103.8	81.4	122.2
141	32.4	26.6	40.0



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





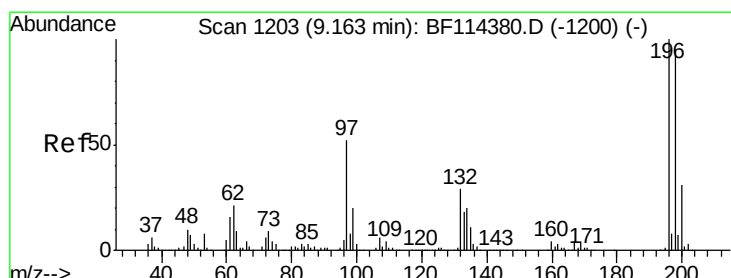
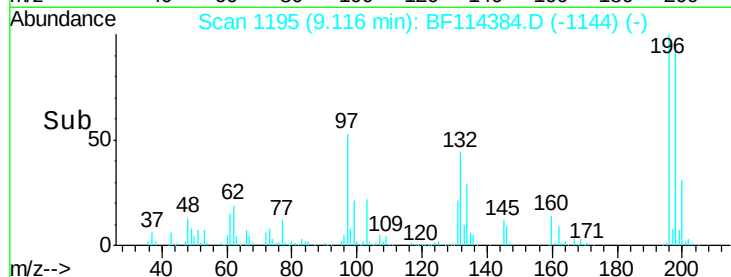
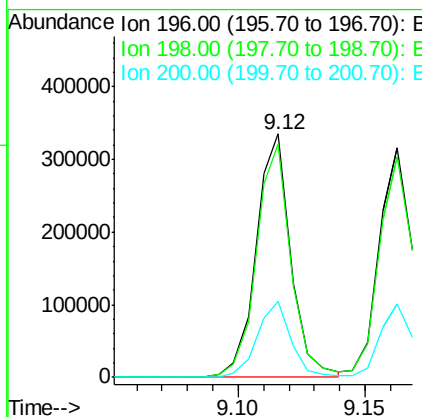
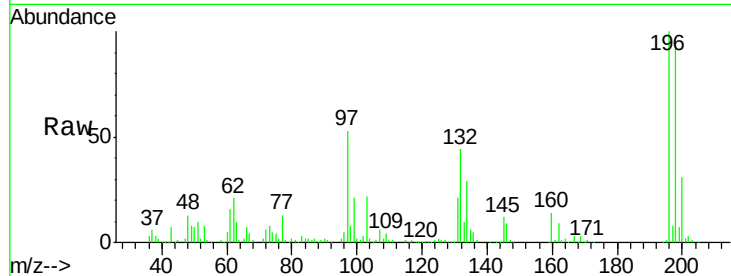
#43
 2,4,6-Trichlorophenol
 Concen: 32.061 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	319793		
198	96.0	75.9	113.9	
200	31.0	23.5	35.3	

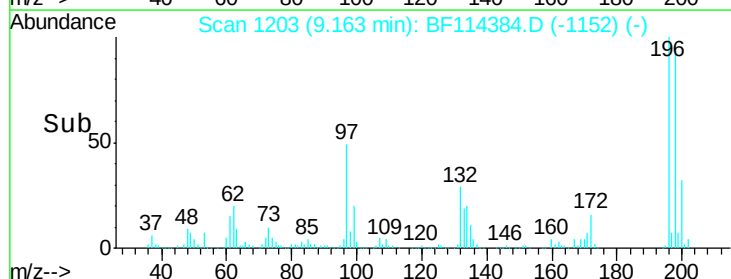
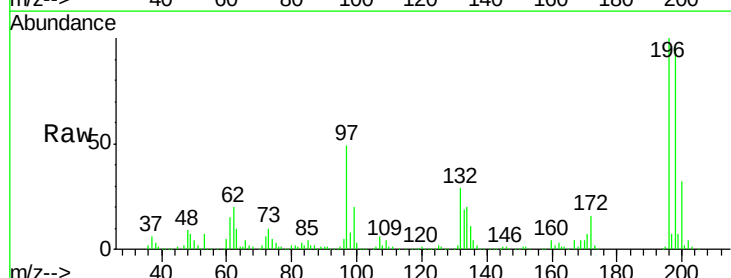
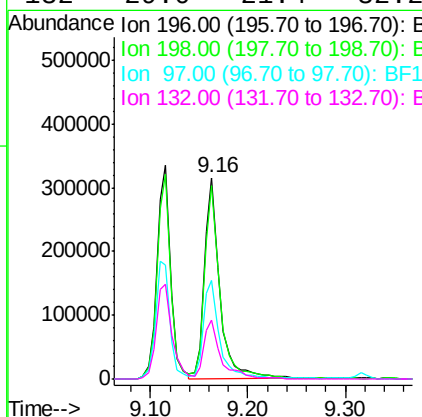
Manual Integrations
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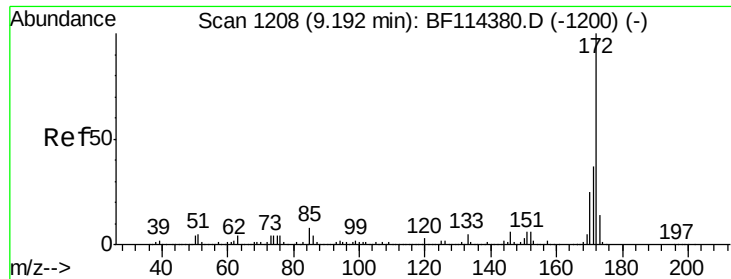
Sohil
 5/21/2019 7:17:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 33.806 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	345808		
198	96.4	77.7	116.5	
97	48.8	38.2	57.2	
132	29.0	21.4	32.2	





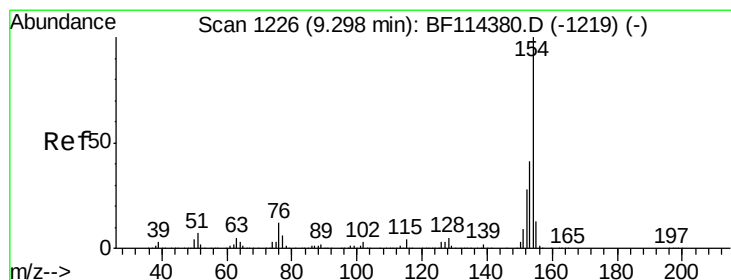
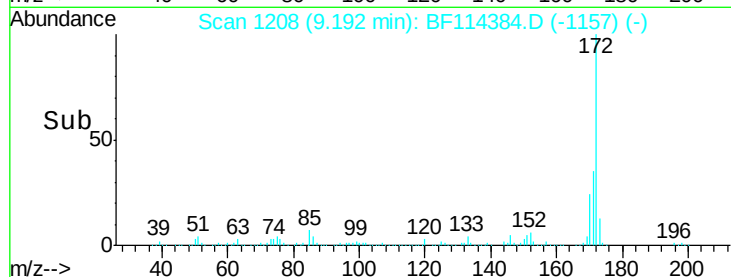
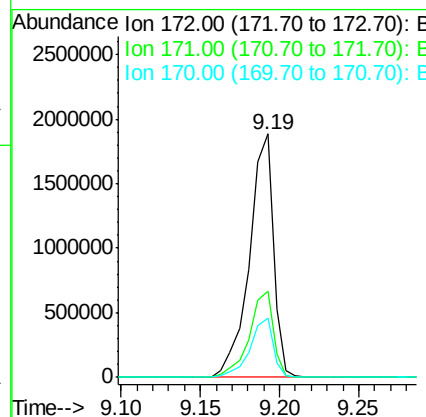
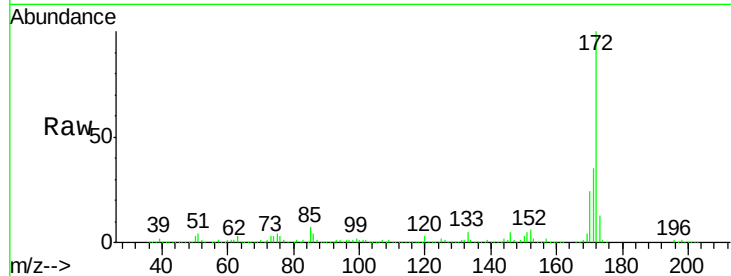
#45
2-Fluorobiphenyl
Concen: 62.544 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.7	46.1
170	24.1	20.5	30.7

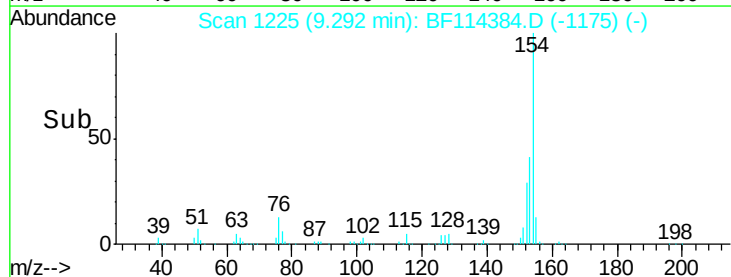
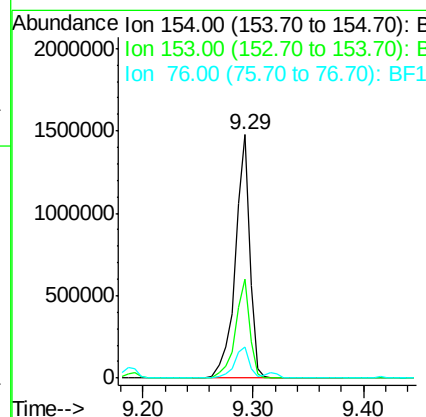
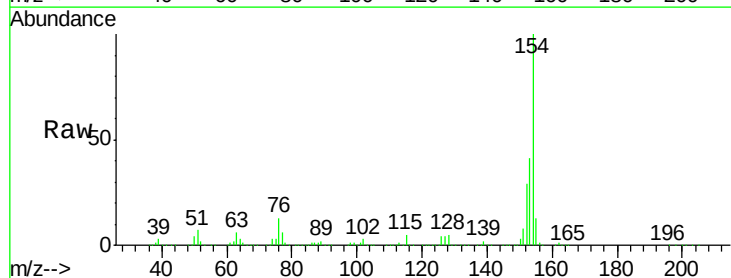
Manual Integrations
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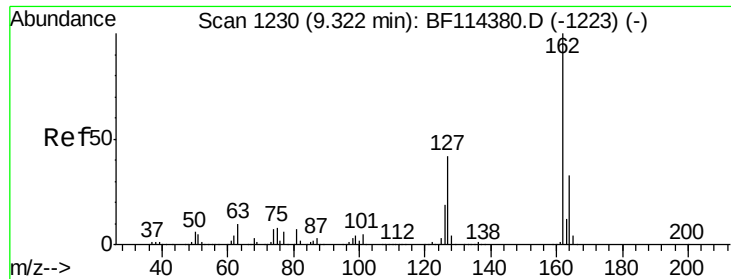
Sohil
5/21/2019 7:17:35 PM



#46
1,1'-Biphenyl
Concen: 35.182 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.9	61.9
76	12.6	0.0	32.8





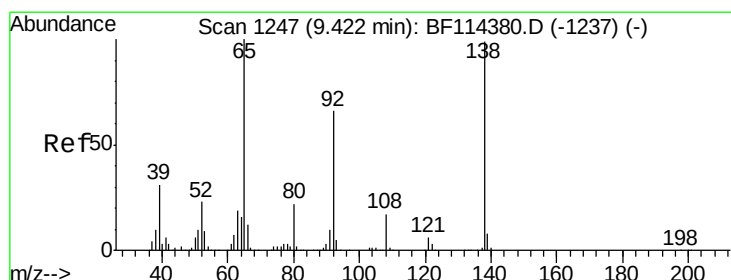
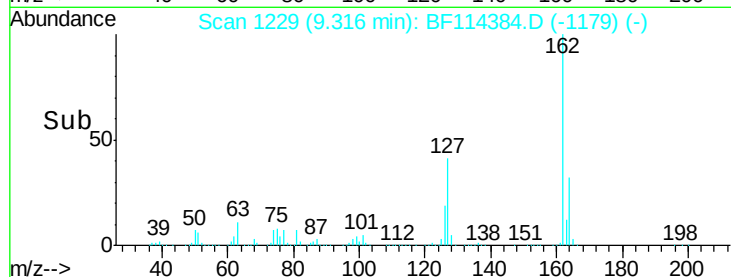
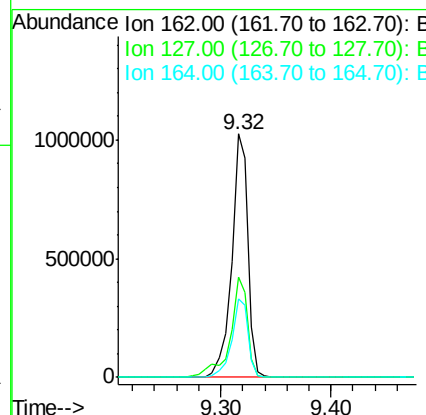
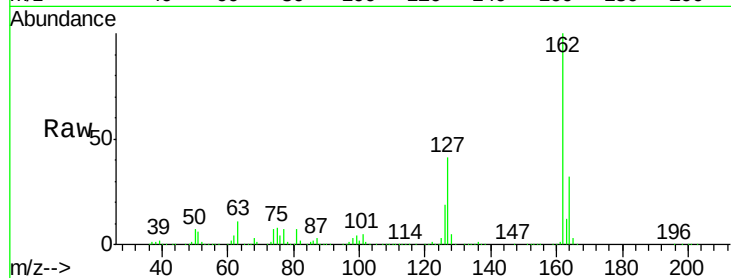
#47
 2-Chloronaphthalene
 Concen: 33.753 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampled :
 PB119803BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.0	51.0
164	32.4	26.7	40.1

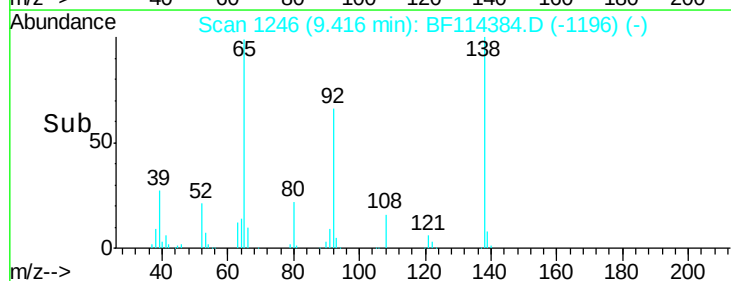
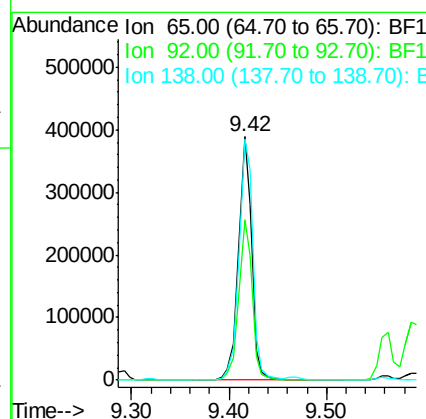
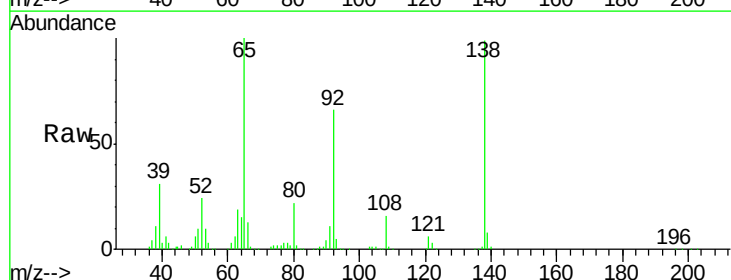
Manual Integrations
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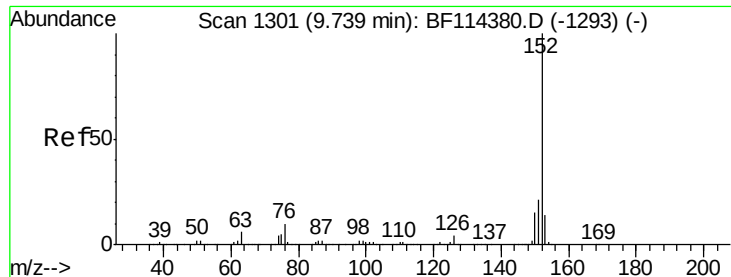
Sohil
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#48
 2-Nitroaniline
 Concen: 33.217 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.9	80.9
138	98.9	81.4	122.0





#49

Acenaphthylene

Concen: 35.196 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB119803BS

Tgt Ion:152 Resp: 1666143

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

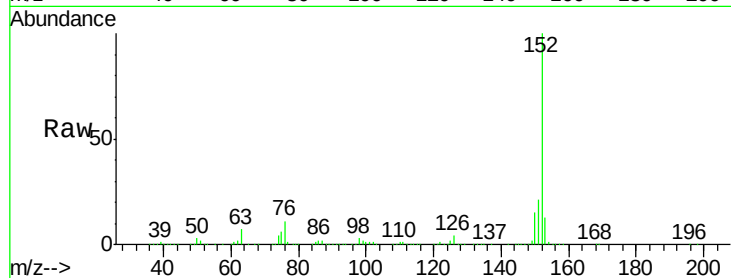
153 13.5 11.4 17.2

Manual Integrations

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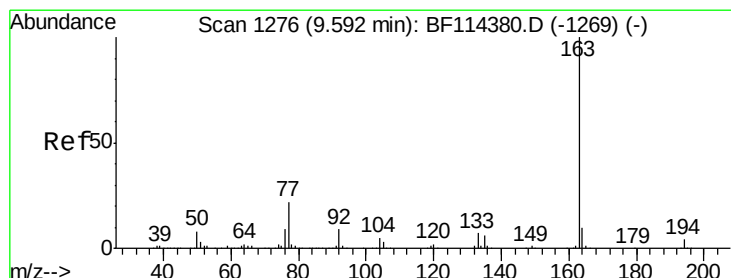
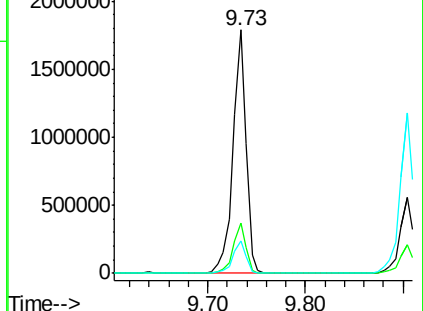
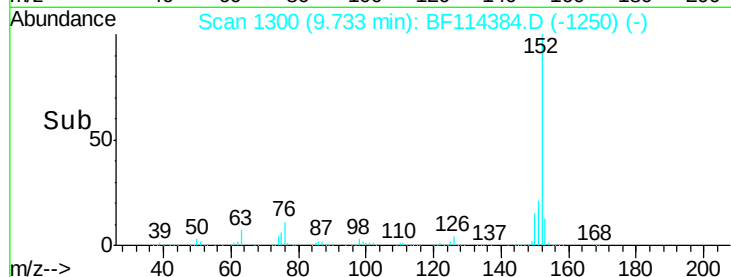
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.191 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

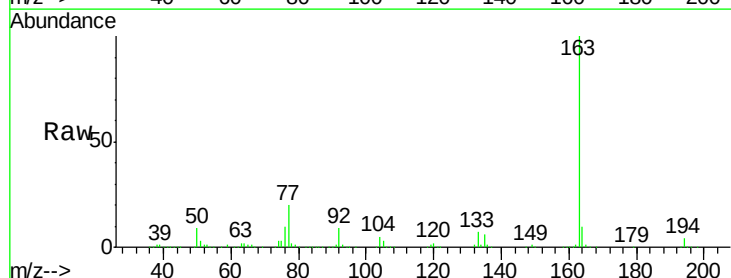
Tgt Ion:163 Resp: 1201566

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

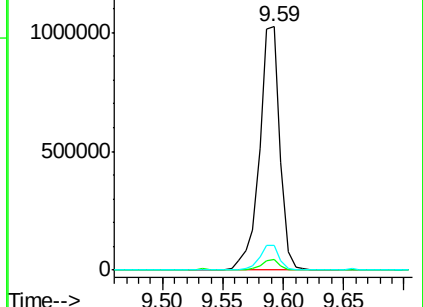
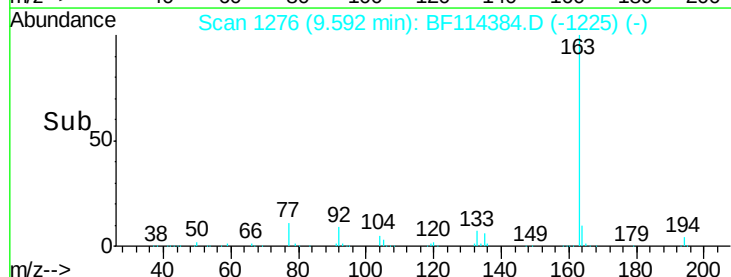
164 10.2 8.2 12.2

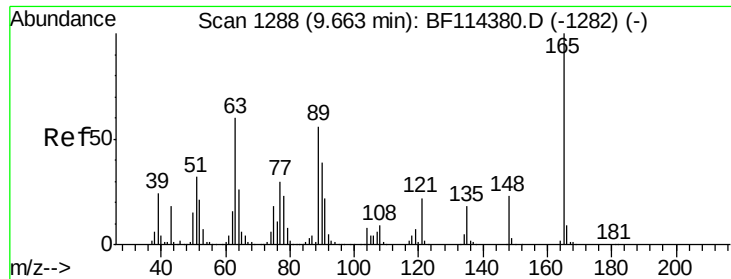


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





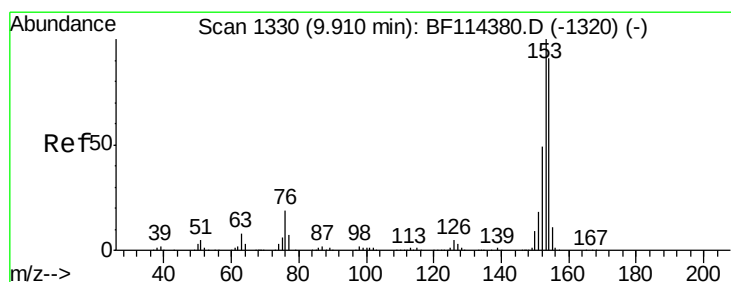
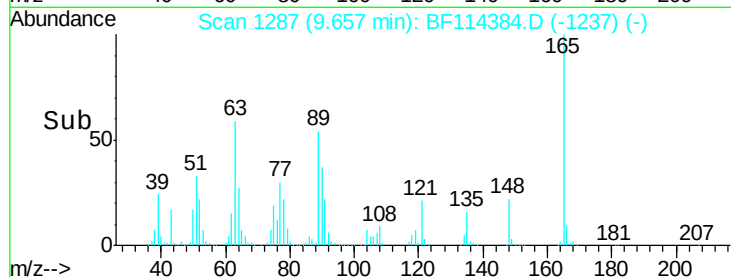
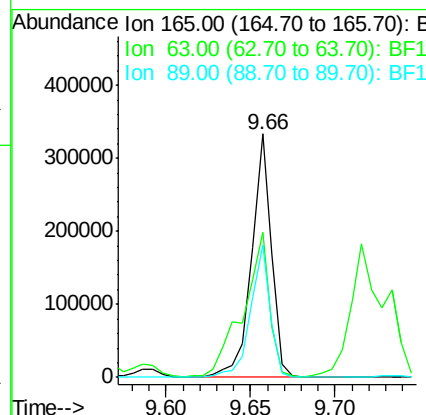
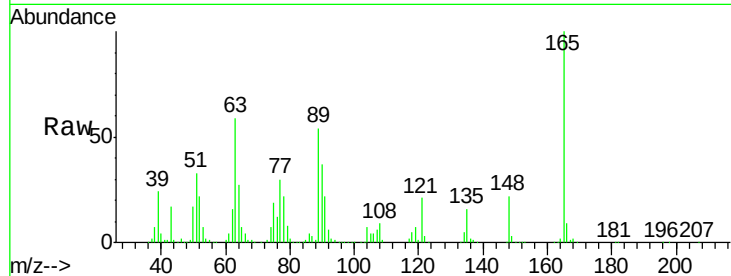
#51
 2,6-Dinitrotoluene
 Concen: 35.307 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampled :
 PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	275206		
63	59.4	50.2	75.4	
89	54.2	46.6	69.8	

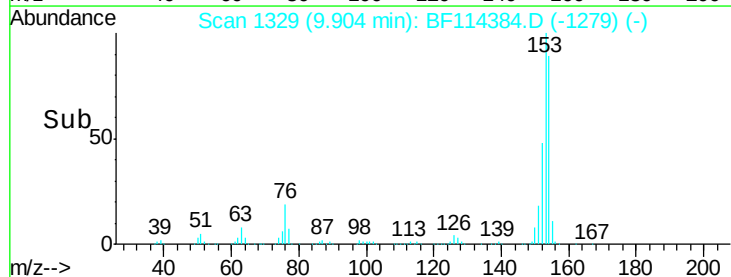
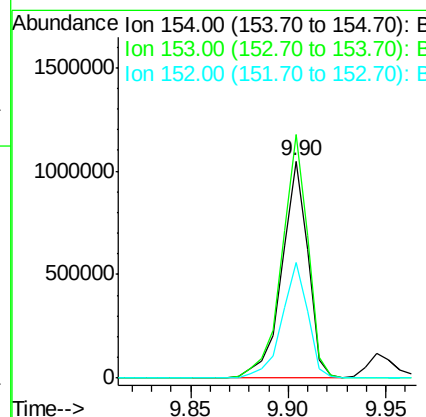
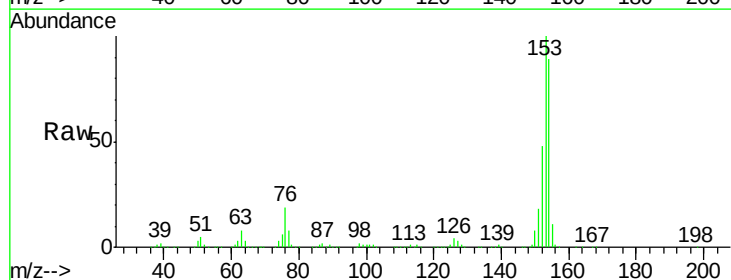
Manual Integrations
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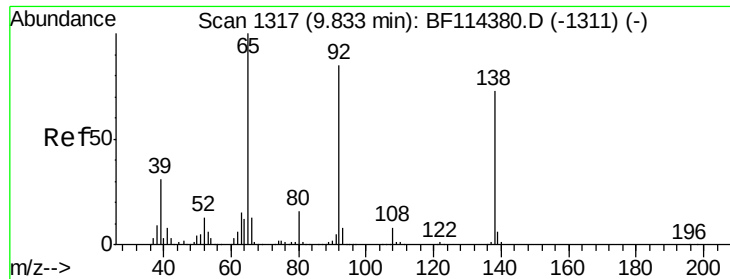
Sohil
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#52
 Acenaphthene
 Concen: 33.481 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	972594		
153	112.1	90.5	135.7	
152	53.5	43.4	65.2	





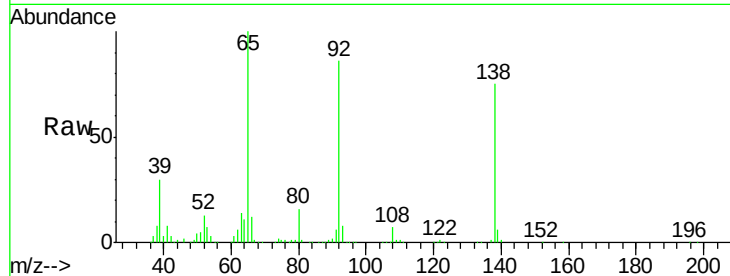
#53
3-Nitroaniline
Concen: 23.147 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

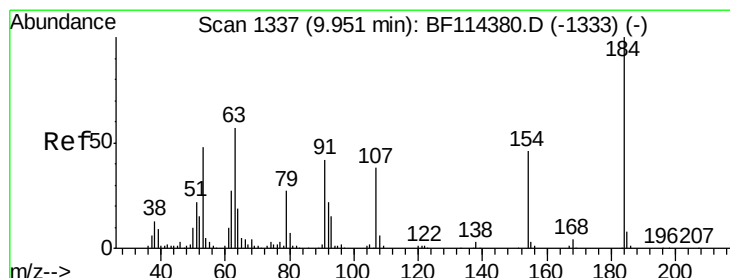
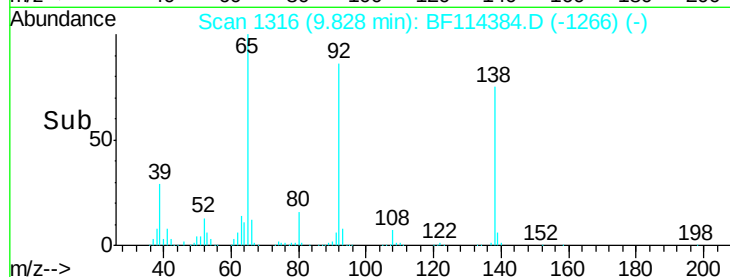
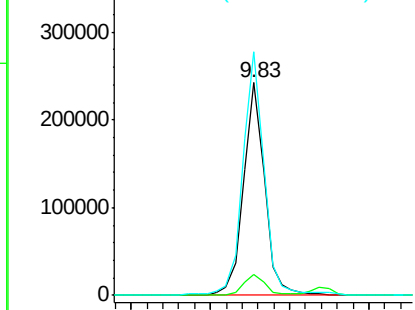
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	223970		
108	9.9	7.8	11.6	
92	114.5	91.2	136.8	

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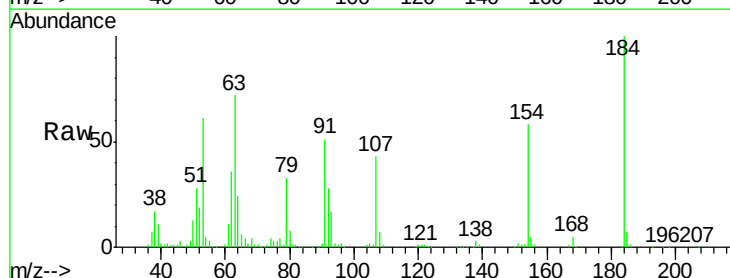


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

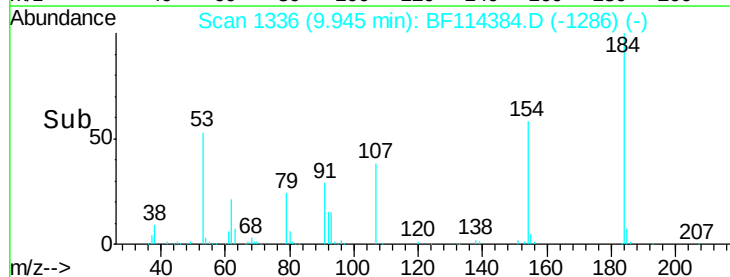
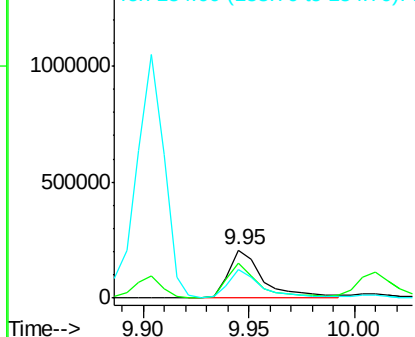


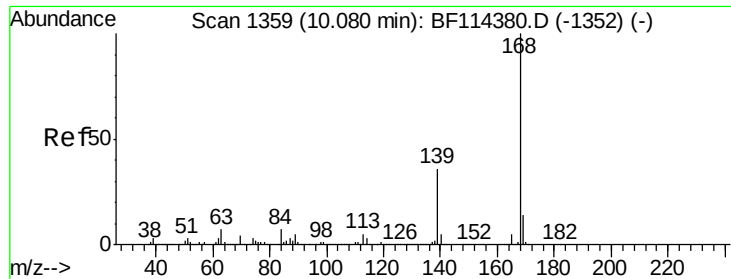
#54
2,4-Dinitrophenol
Concen: 61.748 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	235429		
63	72.0	55.6	83.4	
154	58.4	46.0	69.0	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





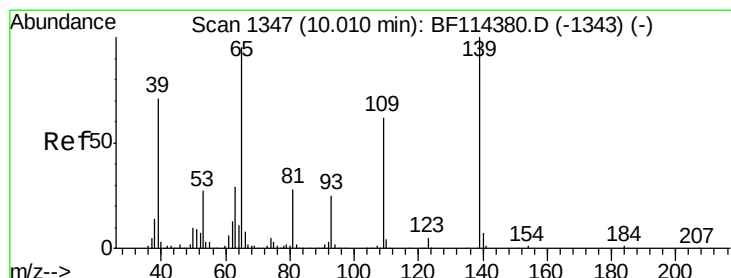
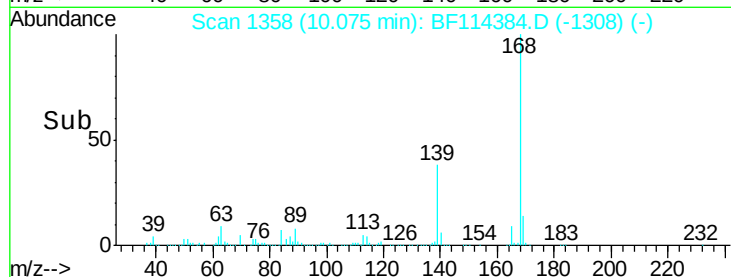
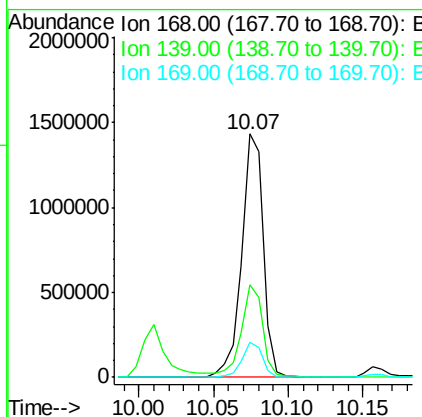
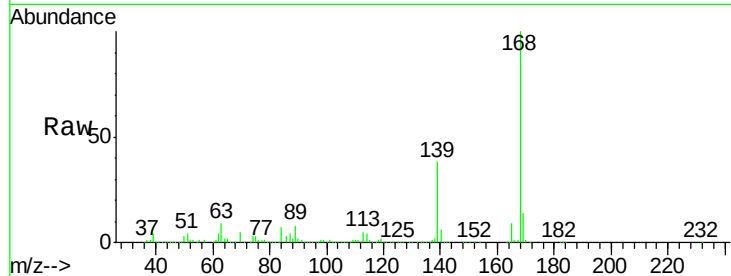
#55
Dibenzofuran
Concen: 33.615 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.1	46.7
169	14.1	11.4	17.0

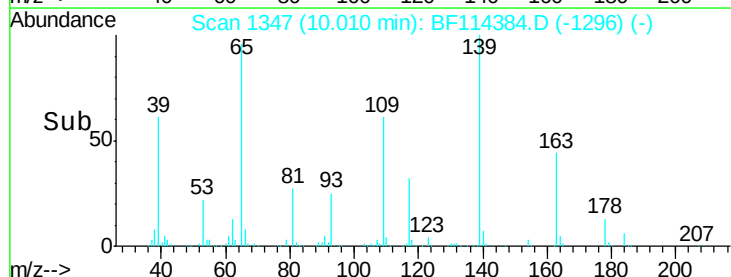
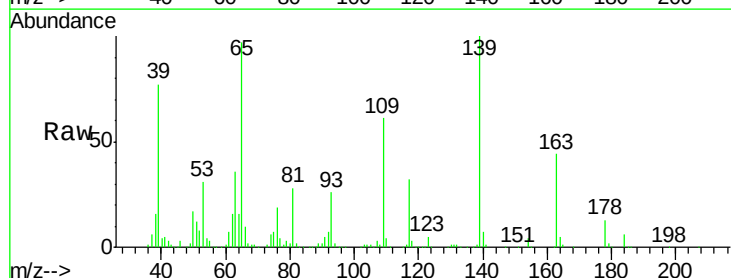
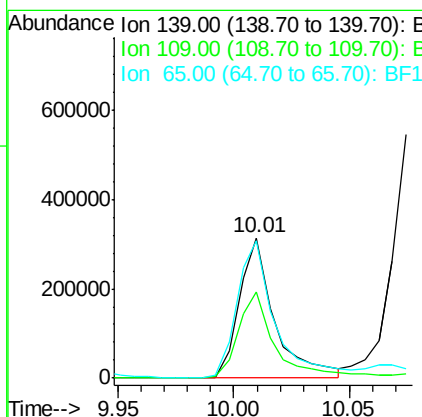
Manual Integrations
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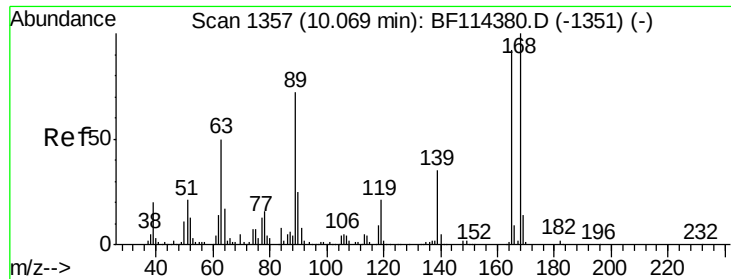
Sohil
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#56
4-Nitrophenol
Concen: 49.270 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.0	43.9	83.9
65	97.5	85.7	125.7





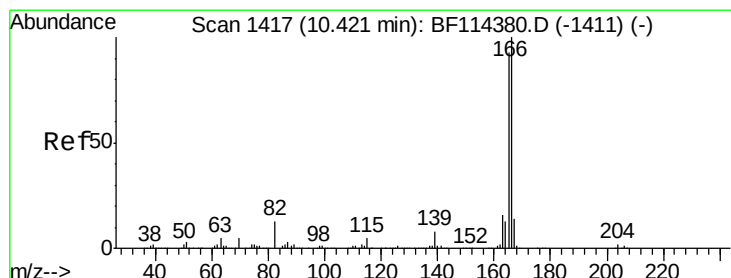
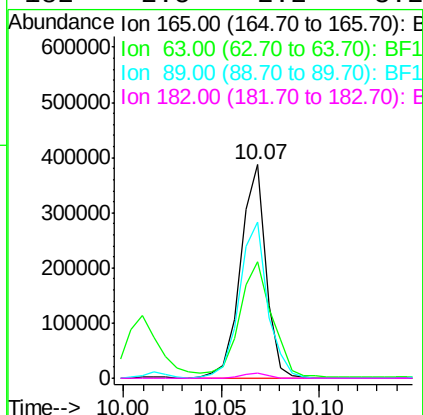
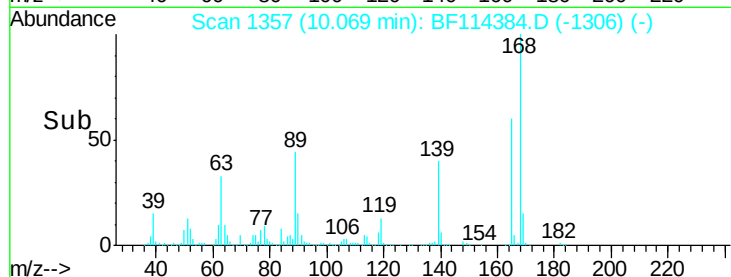
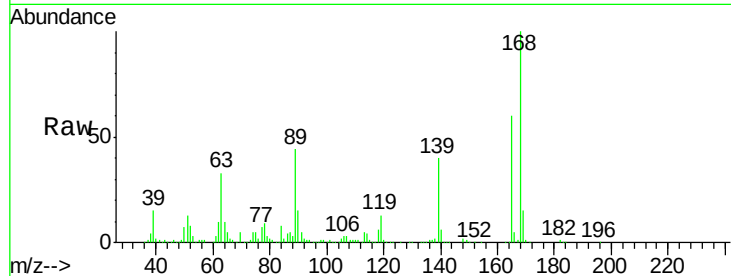
#57
2,4-Dinitrotoluene
Concen: 33.081 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	349981		
63	54.6	35.5	53.3#	
89	73.2	55.2	82.8	
182	2.5	2.2	3.2	

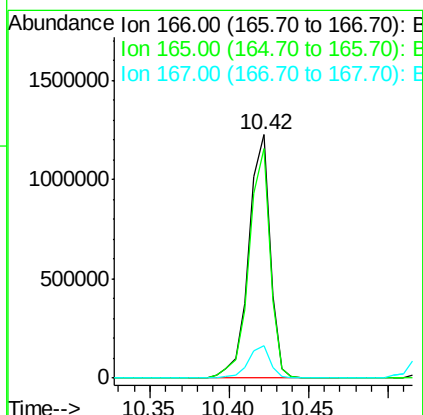
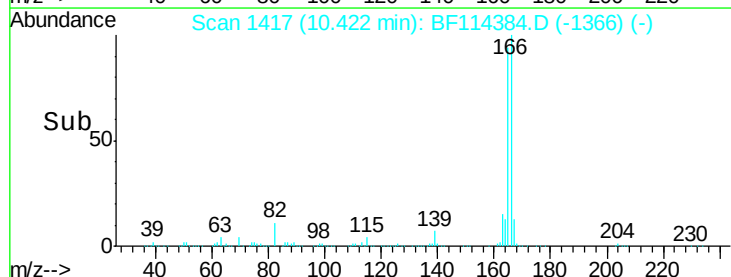
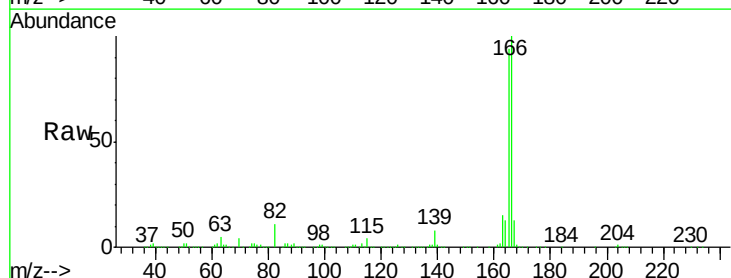
Manual Integrations
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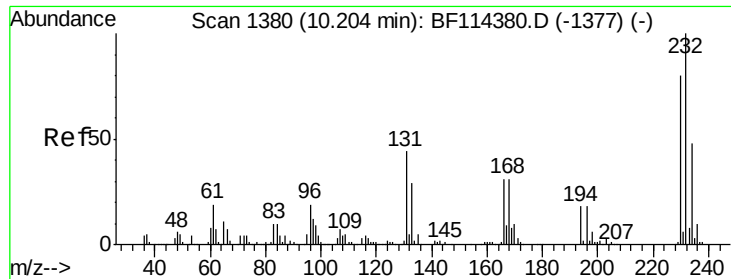
Sohil
5/21/2019 7:17:35 PM



#58
Fluorene
Concen: 34.949 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1149897		
165	94.5	76.1	114.1	
167	13.5	11.1	16.7	





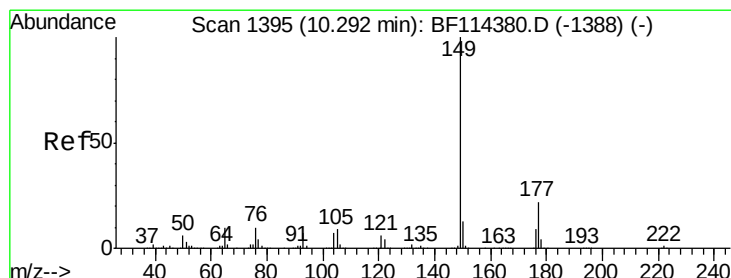
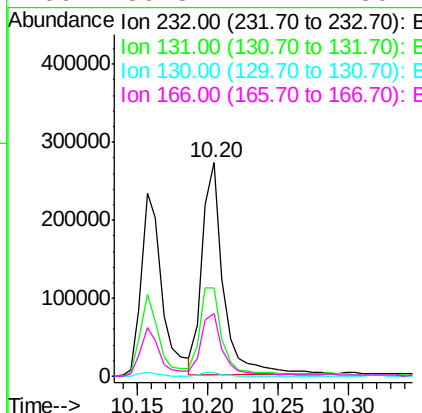
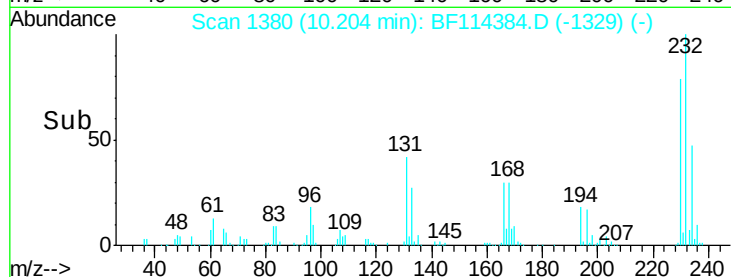
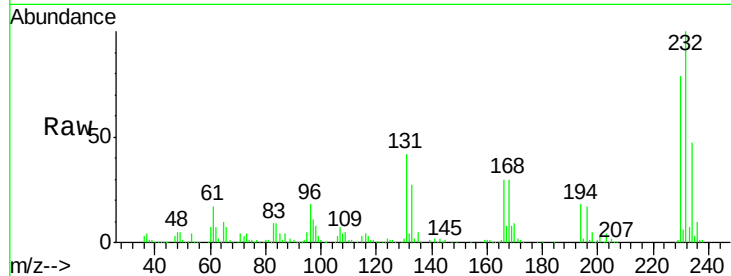
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.879 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB119803BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	281375		
131	45.1	35.6	53.4	
130	2.4	1.6	2.4	
166	30.8	24.1	36.1	

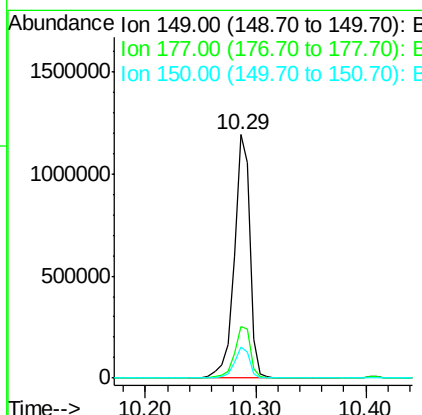
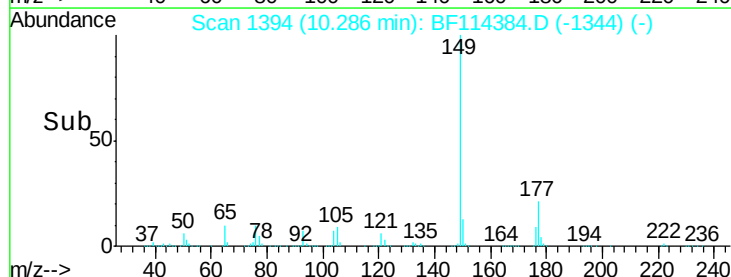
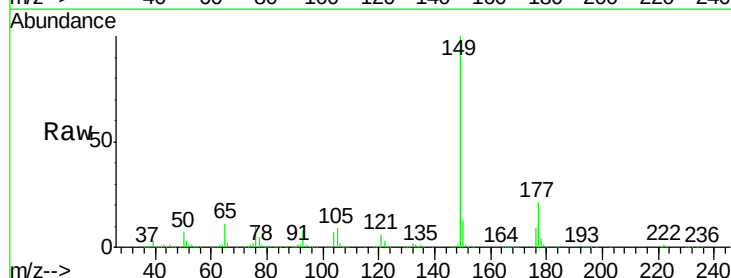
Manual Integrations
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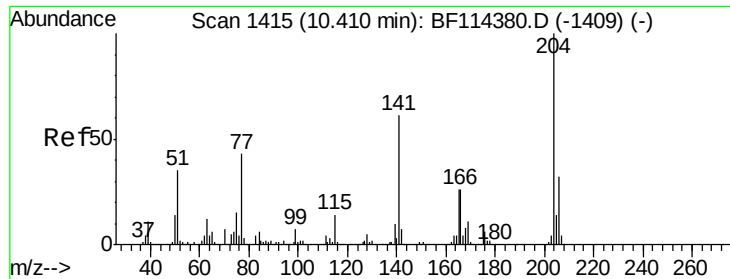
Sohil
 5/21/2019 7:17:35 PM



#60
 Diethylphthalate
 Concen: 33.098 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1181844		
177	21.3	17.8	26.6	
150	12.8	10.2	15.2	





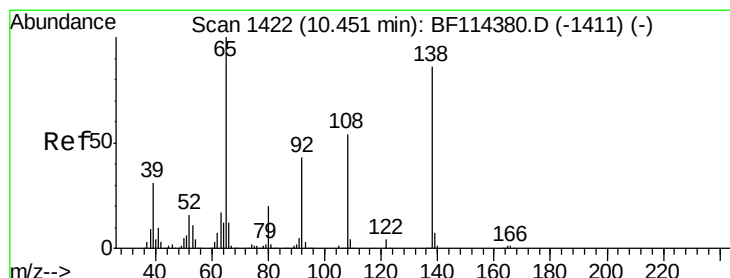
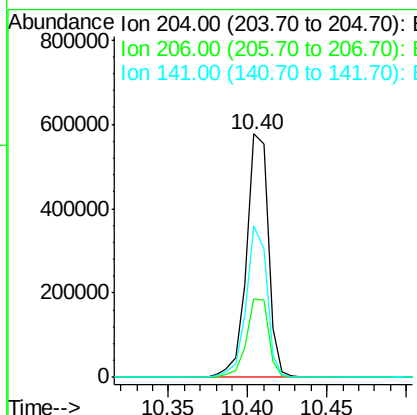
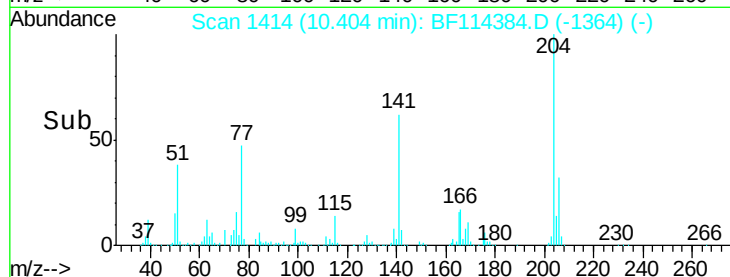
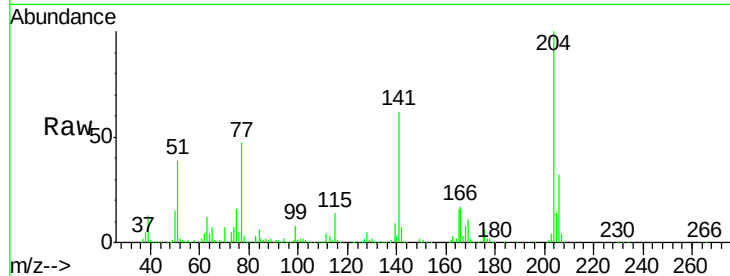
#61
 4-Chlorophenyl-phenylether
 Concen: 33.991 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB119803BS

Tgt Ion:	204	Resp:	549279
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.6	39.8
141	62.2	46.4	69.6

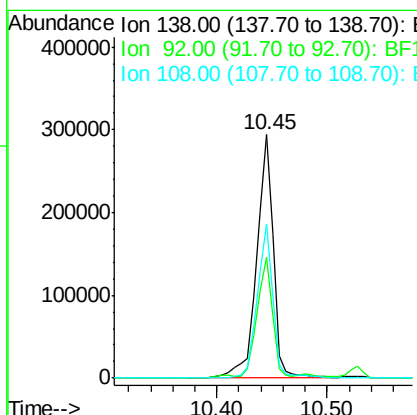
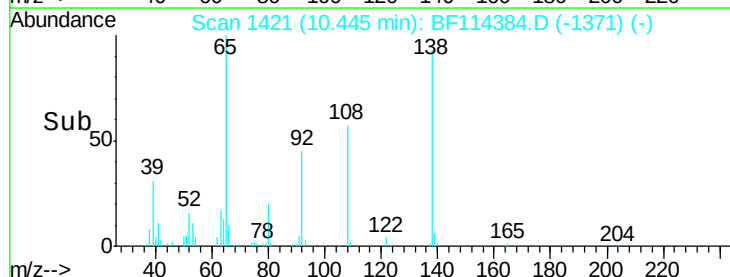
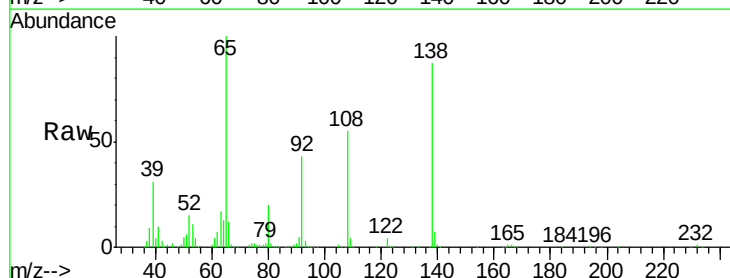
Manual Integrations
 APPROVED

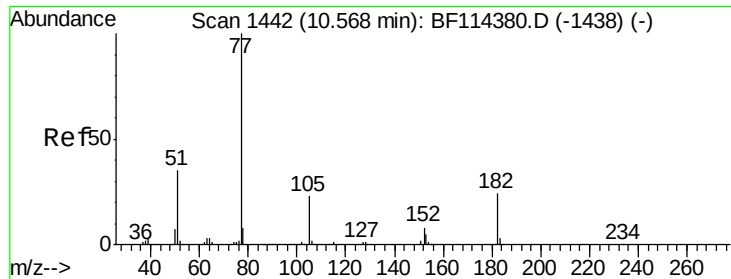
Sohil
 5/21/2019 7:17:35 PM



#62
 4-Nitroaniline
 Concen: 30.734 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion:	138	Resp:	312484
Ion Ratio	Lower	Upper	
138	100		
92	49.3	33.0	73.0
108	63.2	44.9	84.9





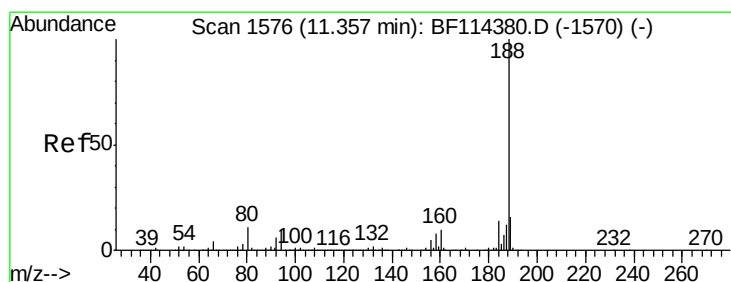
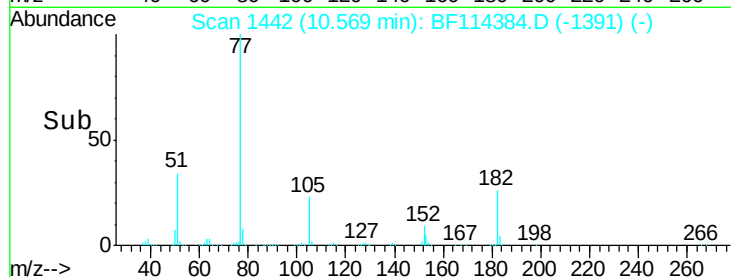
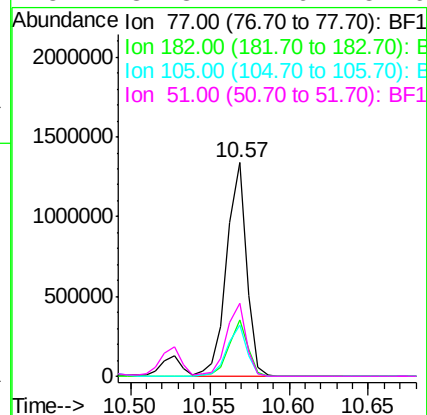
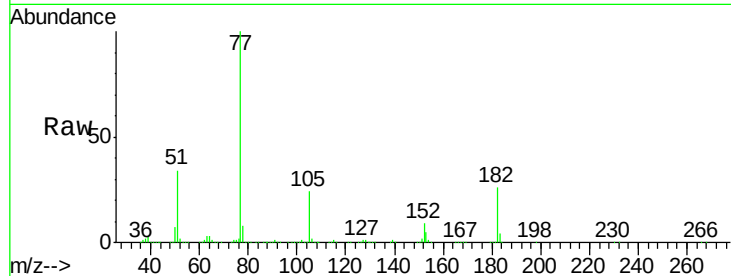
#63
Azobenzene
Concen: 33.700 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.7	44.7
105	23.7	2.9	42.9
51	34.3	14.6	54.6

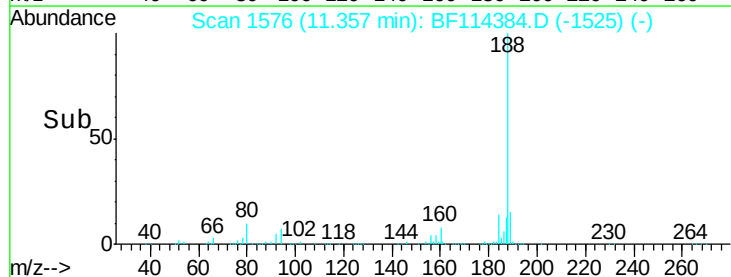
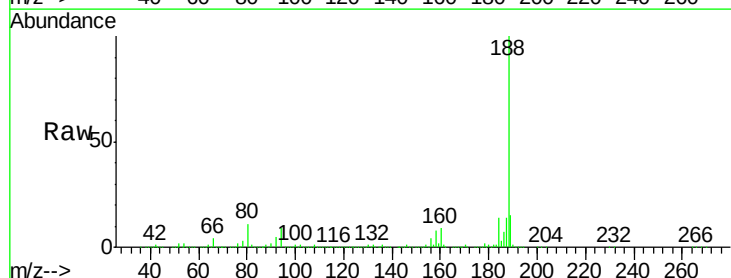
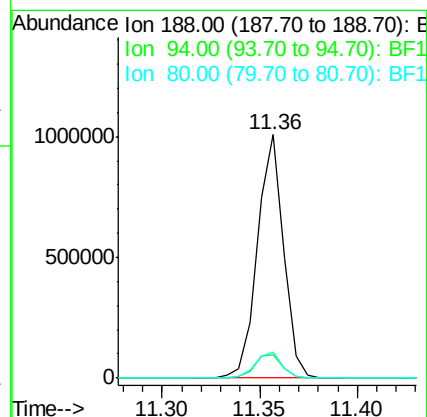
Manual Integrations
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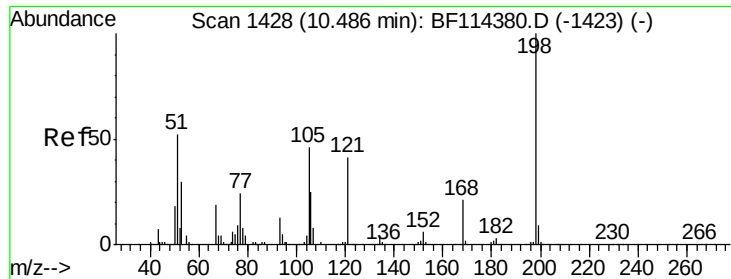
Sohil
5/21/2019 7:17:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.4	12.6
80	10.5	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 36.428 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

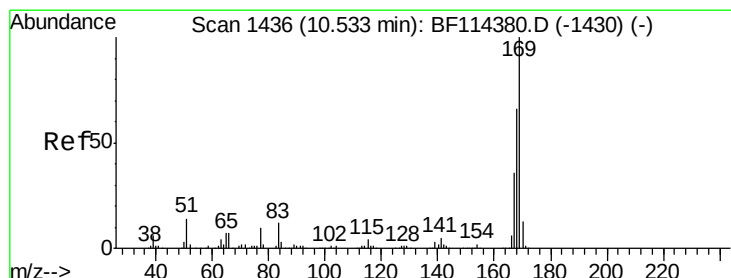
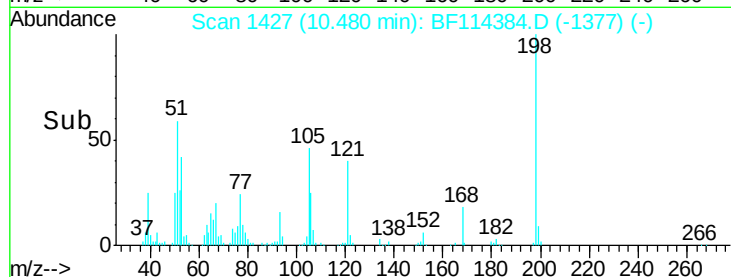
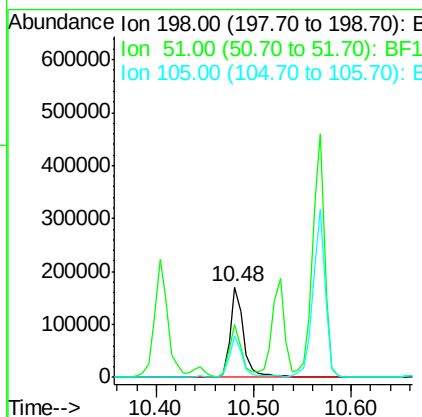
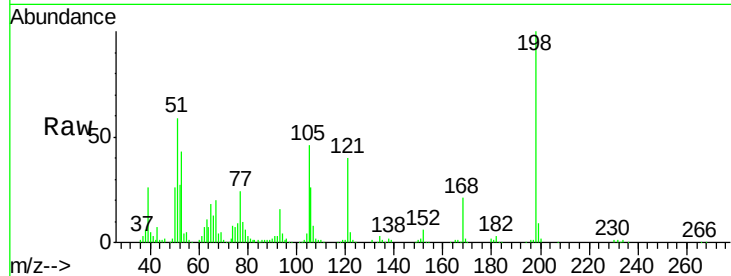
ClientSampled :

PB119803BS

Tgt Ion:	198	Resp:	163119
Ion Ratio	Lower	Upper	
198	100		
51	58.8	28.0	68.0
105	45.8	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 36.327 ng

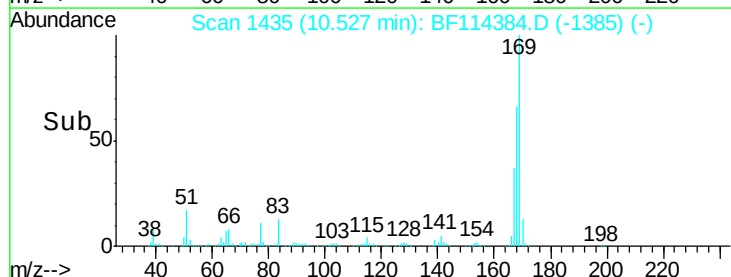
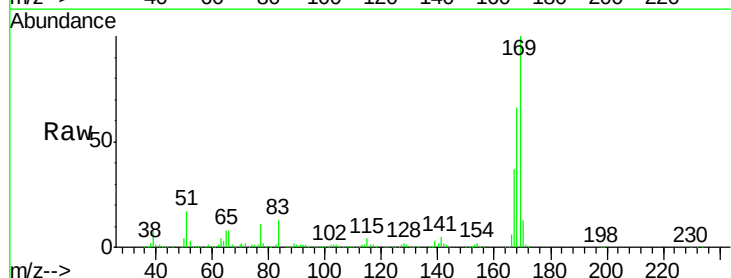
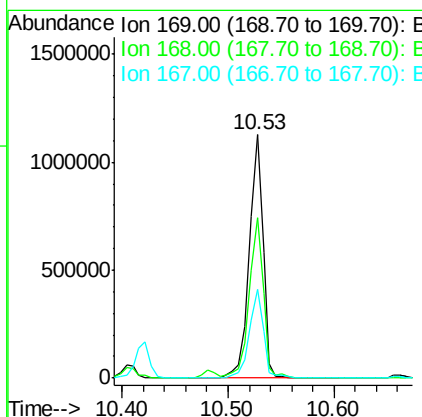
RT: 10.53 min Scan# 1435

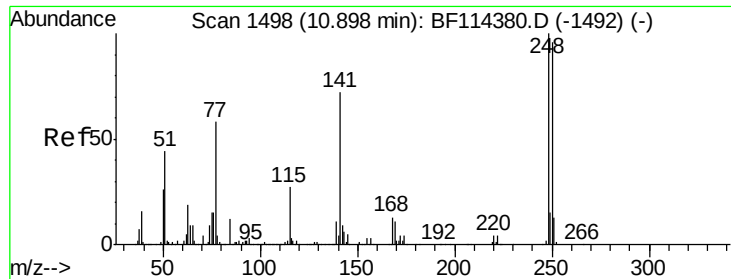
Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:	169	Resp:	1027431
Ion Ratio	Lower	Upper	
169	100		
168	65.8	54.2	81.2
167	36.6	29.8	44.8





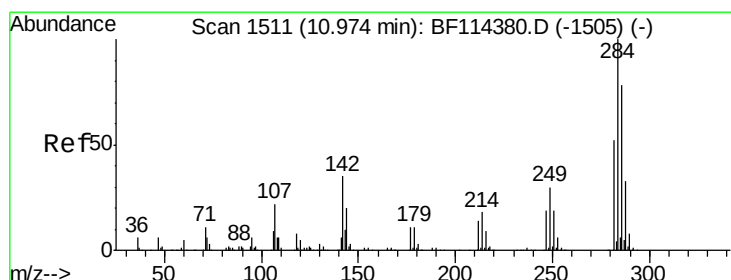
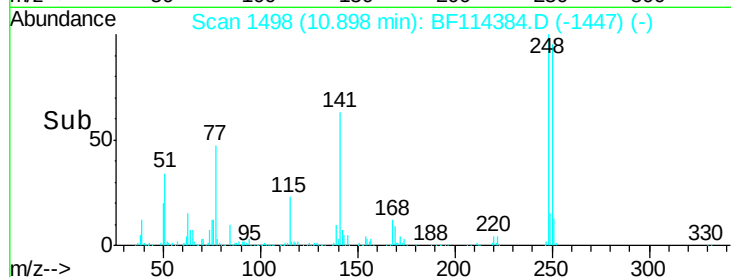
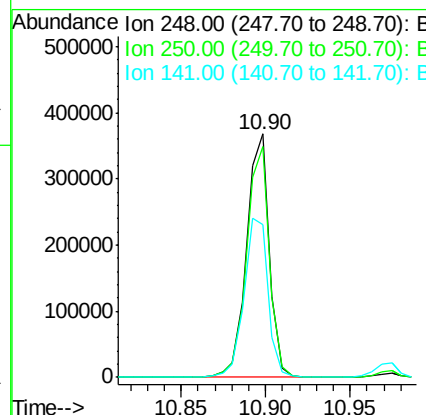
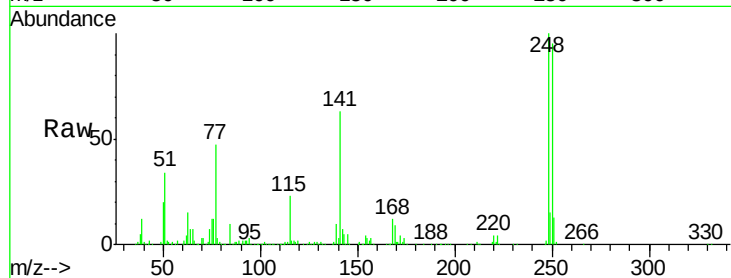
#67
4-Bromophenyl-phenylether
Concen: 33.623 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.4	116.2
141	62.5	55.6	83.4

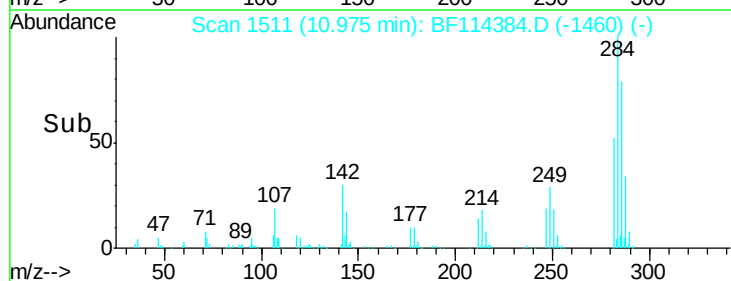
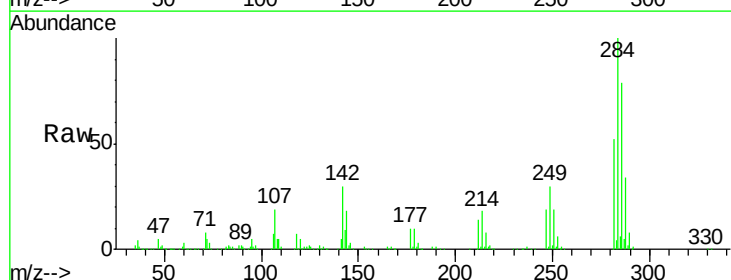
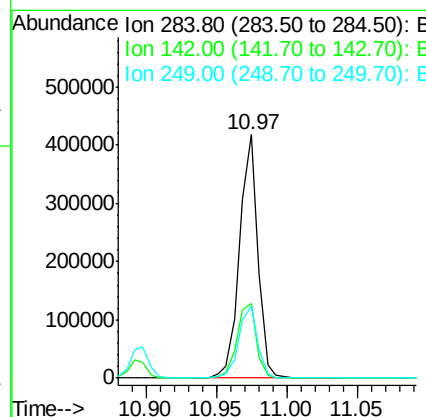
Manual Integrations
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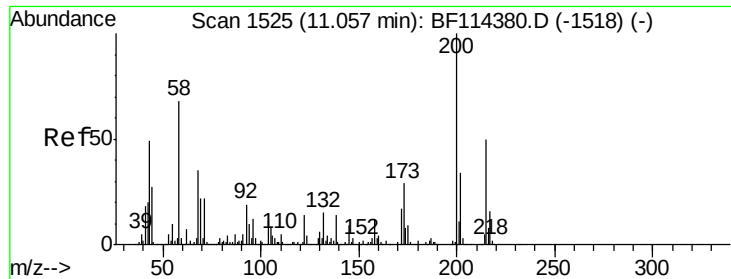
Sohil
5/21/2019 7:17:35 PM



#68
Hexachlorobenzene
Concen: 33.210 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	28.4	42.6
249	29.8	25.2	37.8





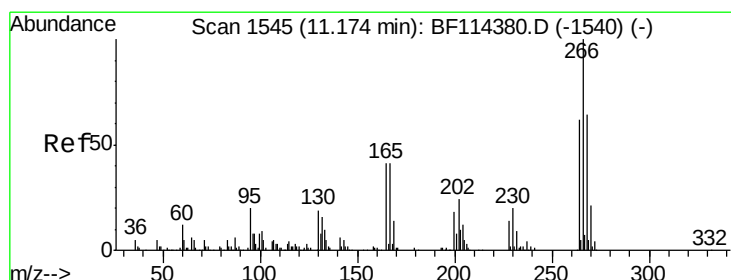
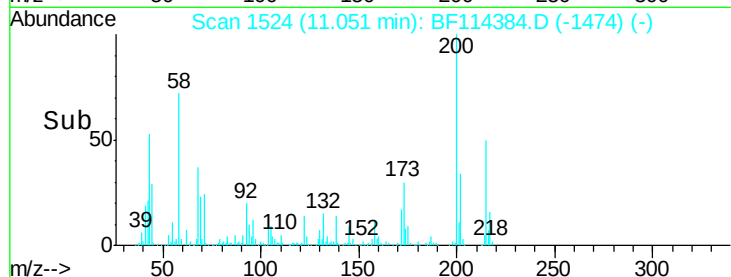
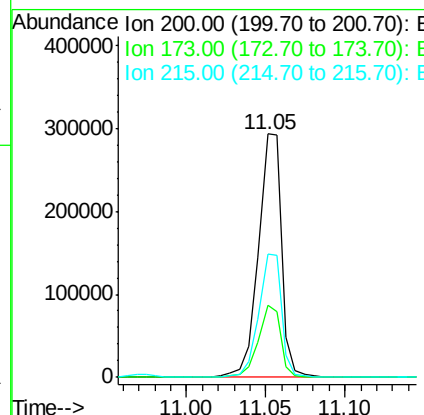
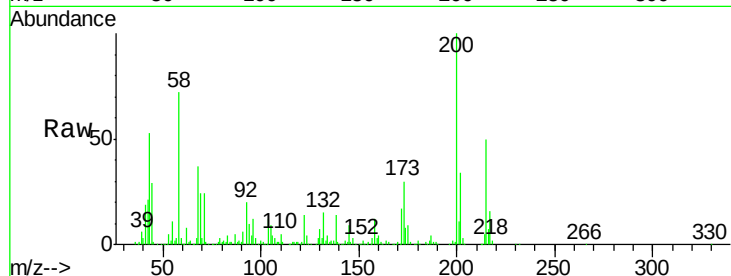
#69
Atrazine
Concen: 33.986 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.7	8.9	48.9
215	50.4	30.7	70.7

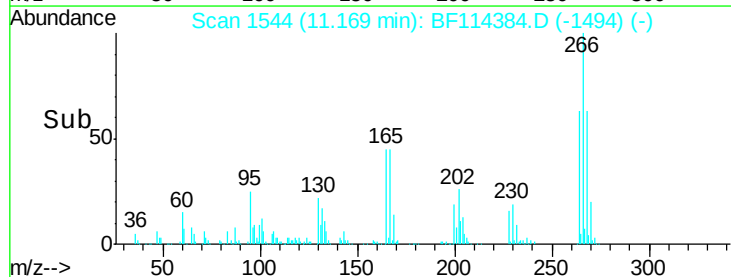
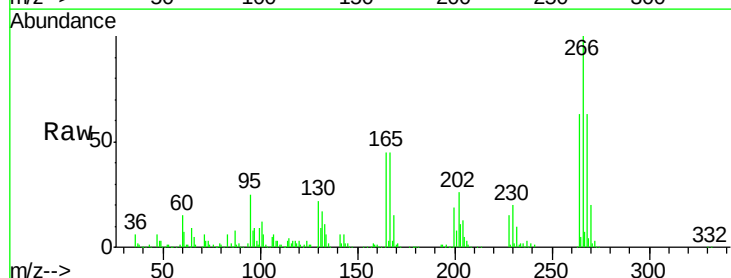
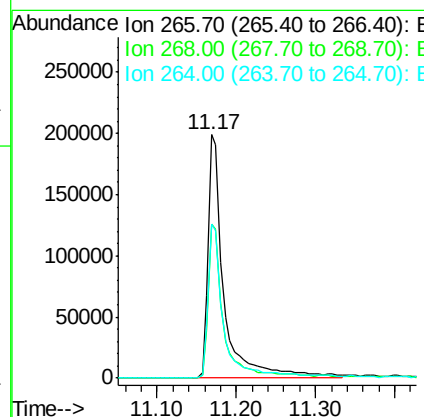
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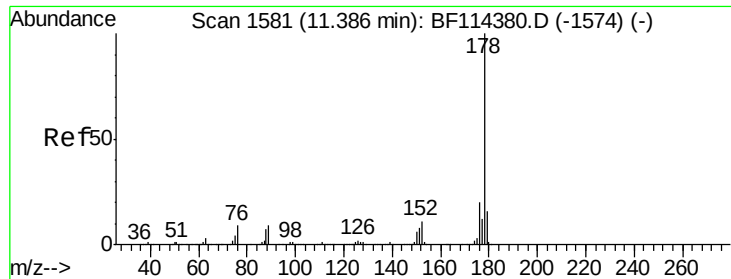
Sohil
5/21/2019 7:17:35 PM



#70
Pentachlorophenol
Concen: 52.991 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.1	76.7
264	63.1	51.1	76.7





#71

Phenanthrene

Concen: 35.969 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB119803BS

Tgt Ion:178 Resp: 1630756

Ion Ratio Lower Upper

178 100

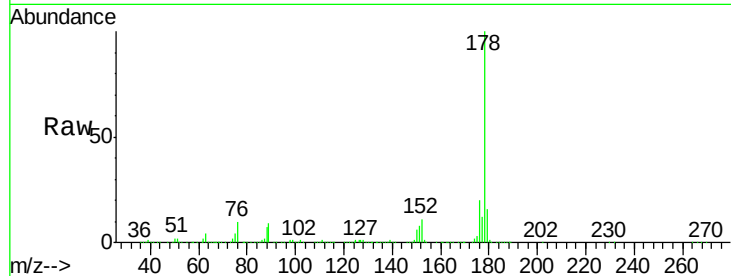
176 20.0 16.4 24.6

179 15.9 13.2 19.8

Manual Integrations
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Sohil

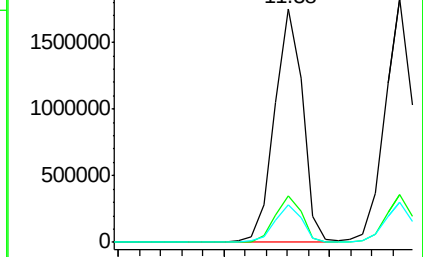
5/21/2019 7:17:35 PM



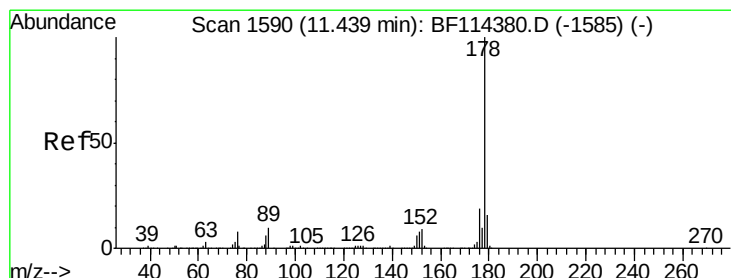
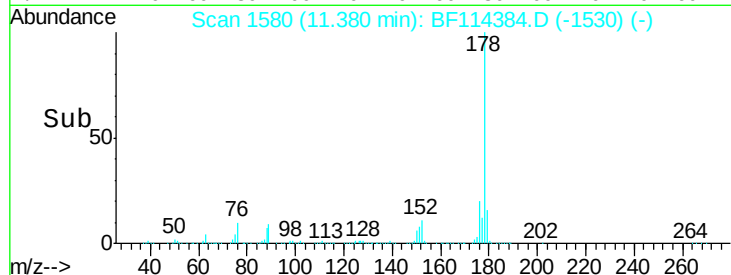
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.30 11.35 11.40



#72

Anthracene

Concen: 36.538 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

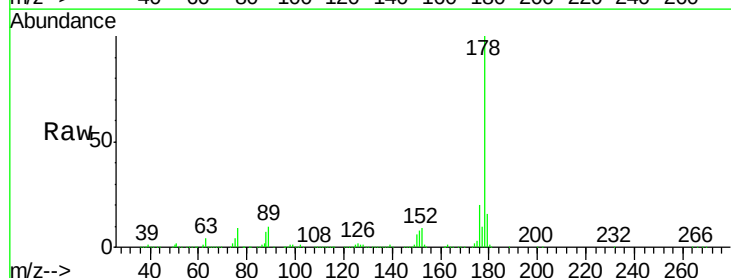
Tgt Ion:178 Resp: 1663856

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

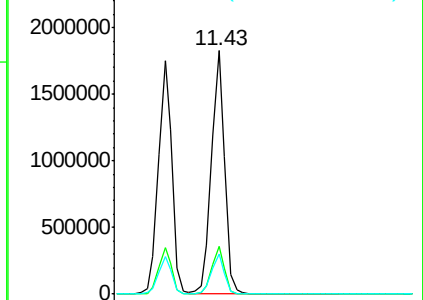
179 16.2 13.0 19.4



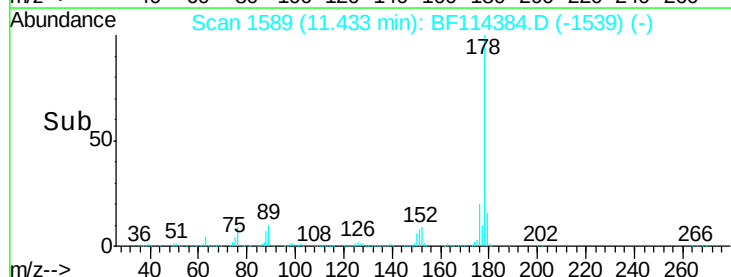
Abundance Ion 178.00 (177.70 to 178.70): E

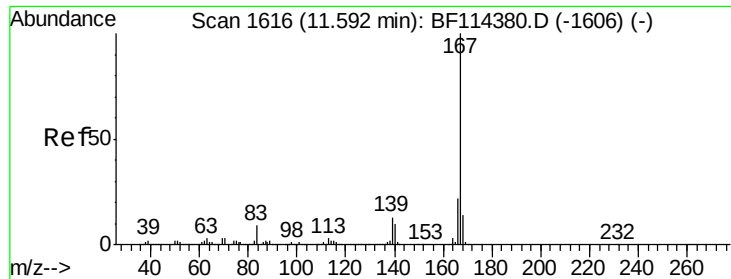
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.40 11.50





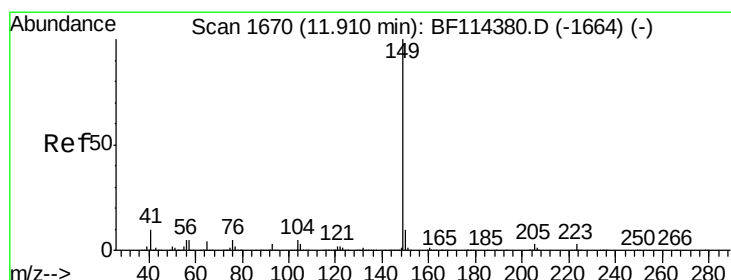
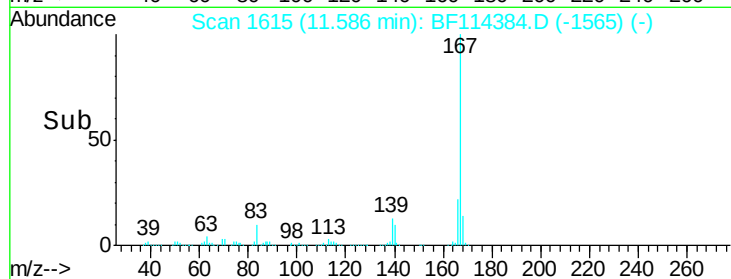
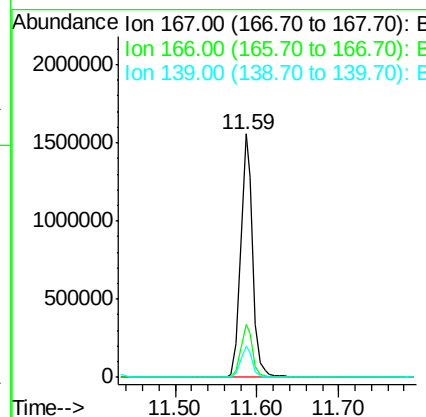
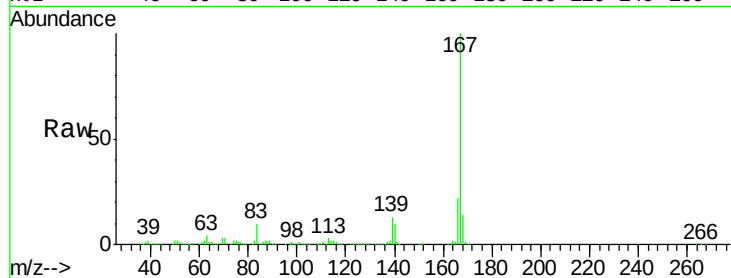
#73
 Carbazole
 Concen: 36.666 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB119803BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	13.0	10.6	16.0

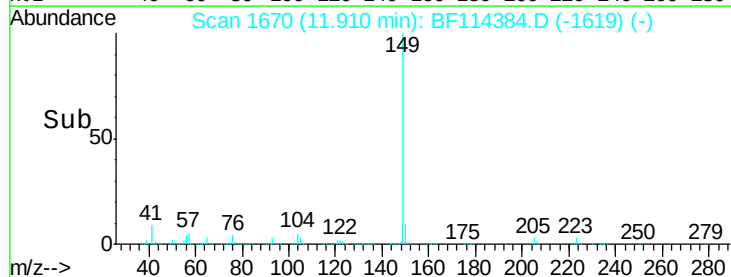
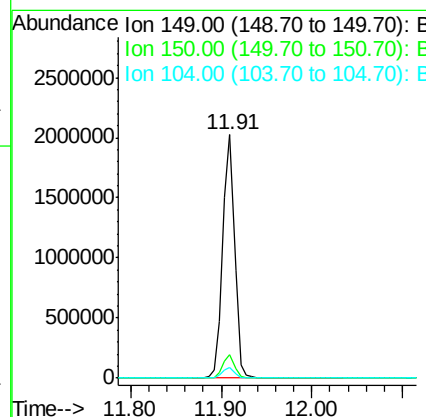
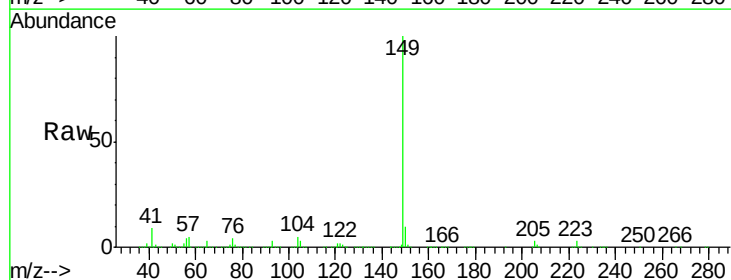
Manual Integrations
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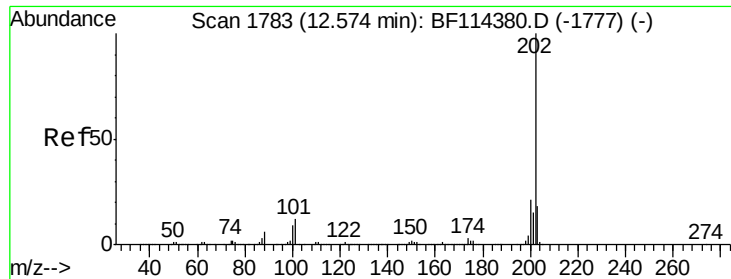
Sohil
 5/21/2019 7:17:35 PM



#74
 Di-n-butylphthalate
 Concen: 36.363 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 35.652 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

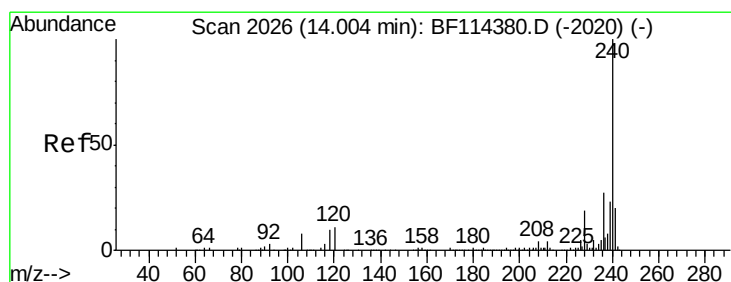
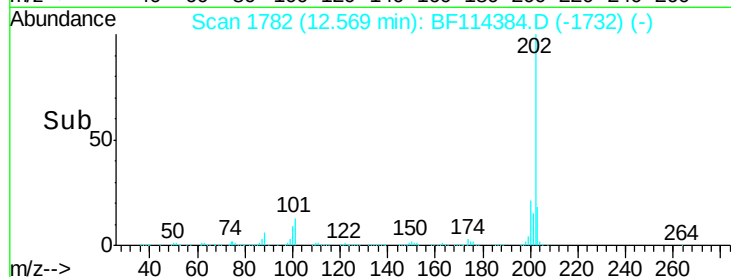
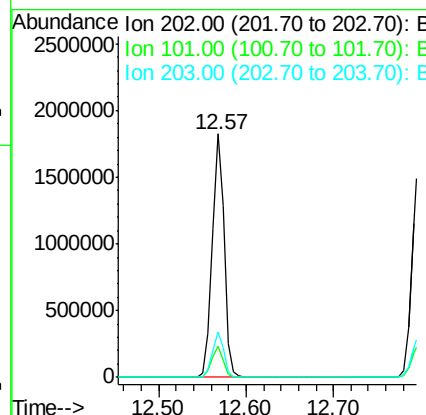
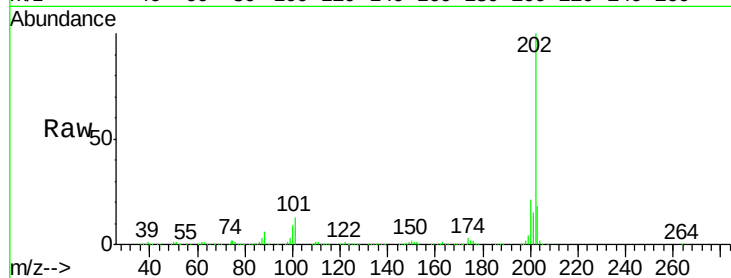
ClientSampled :

PB119803BS

Tgt Ion:	202	Resp:	1740638
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.0
203	18.4	0.0	38.4

Manual Integrations
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Sohil
5/21/2019 7:17:35 PM



#76

Chrysene-d12

Concen: 20.000 ng

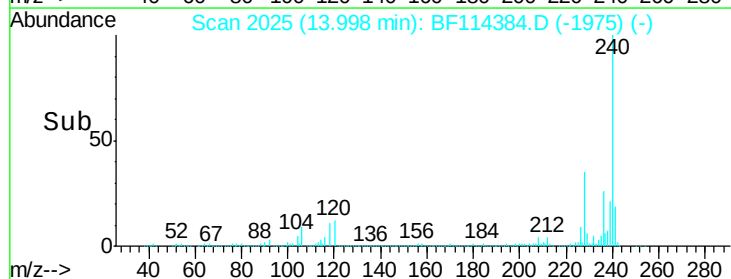
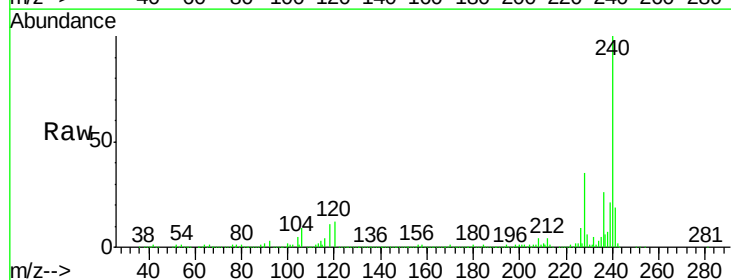
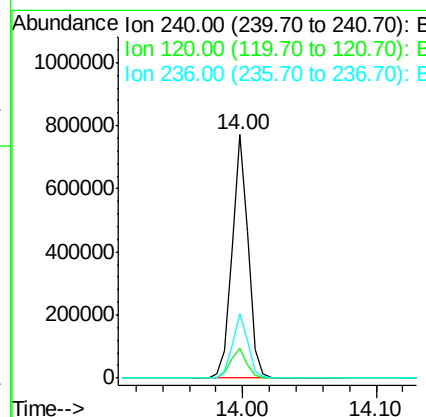
RT: 14.00 min Scan# 2025

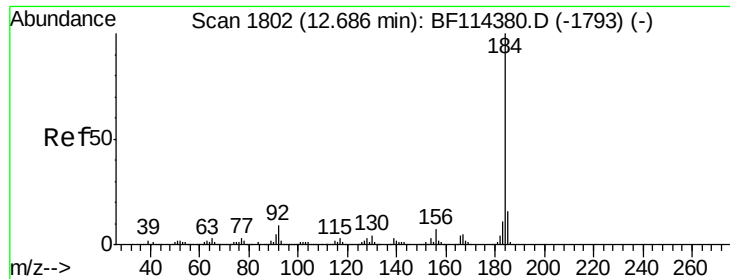
Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:	240	Resp:	653727
Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	26.4	20.8	31.2





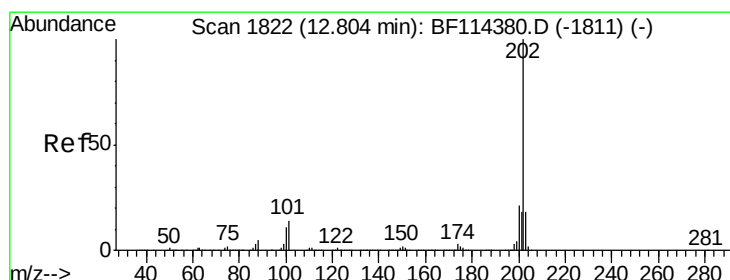
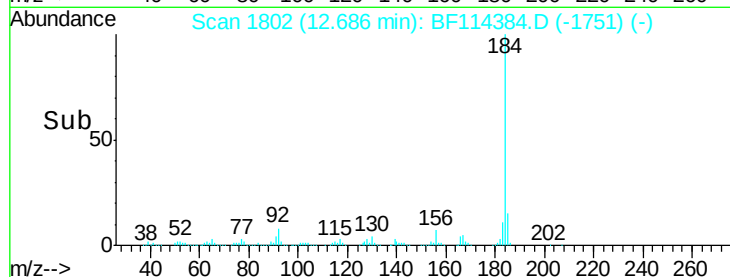
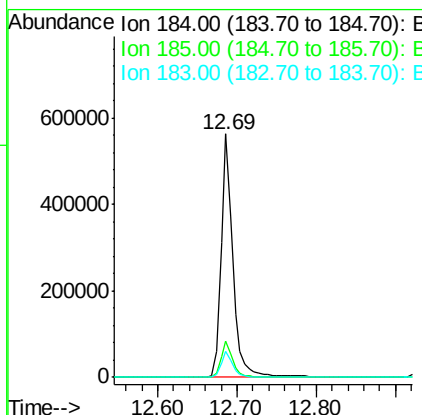
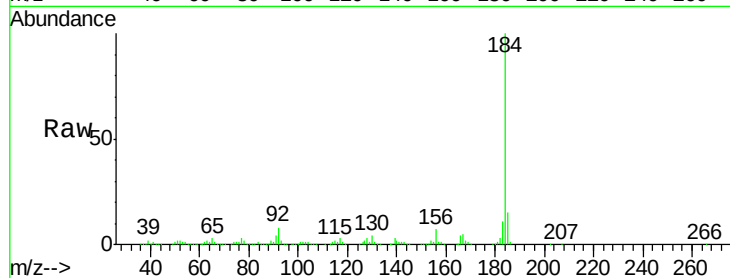
#77
Benzidine
Concen: 19.756 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.6	20.4
183	10.6	9.2	13.8

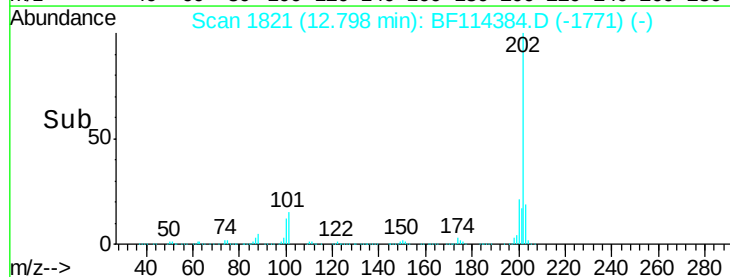
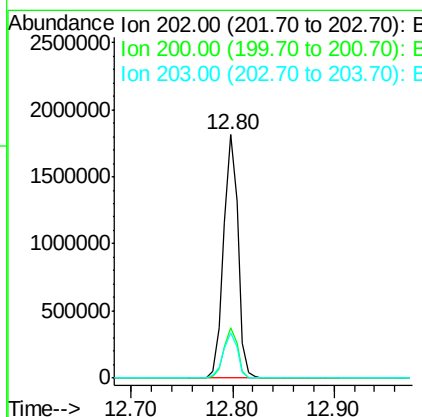
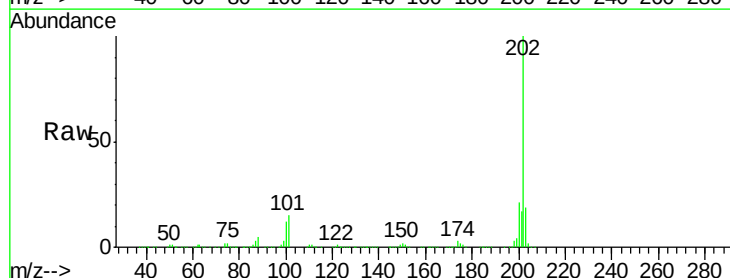
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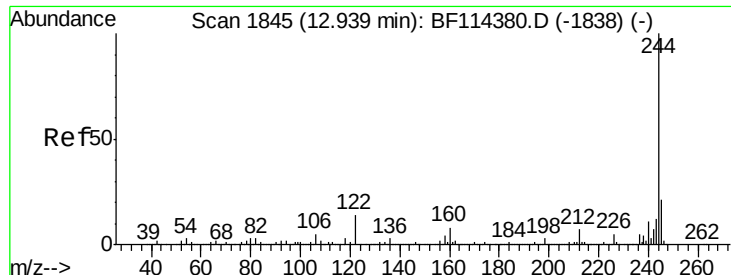
Sohil
5/21/2019 7:17:35 PM



#78
Pyrene
Concen: 33.941 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	18.5	14.5	21.7





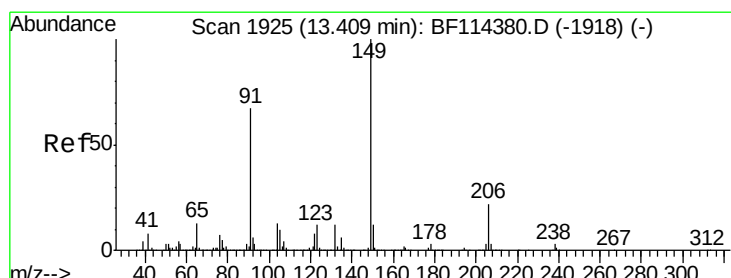
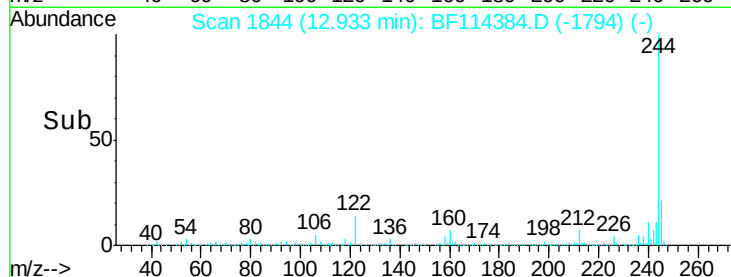
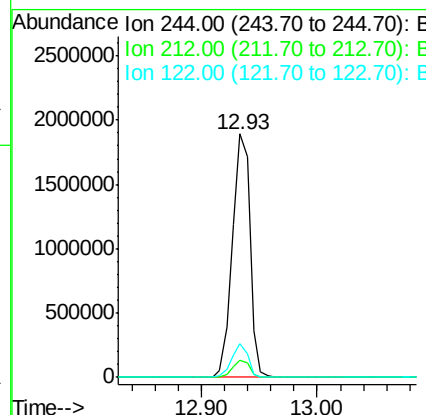
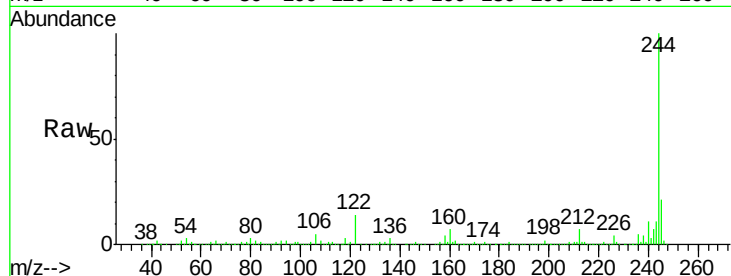
#79
 Terphenyl-d14
 Concen: 63.153 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Instrument :
 BNA_F
 ClientSampled :
 PB119803BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.8	9.4	14.2

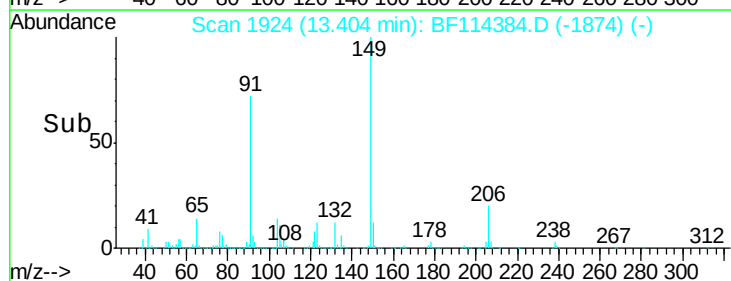
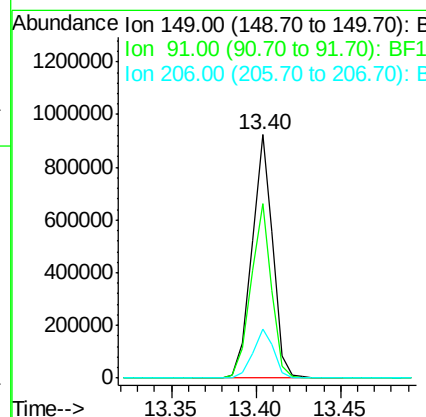
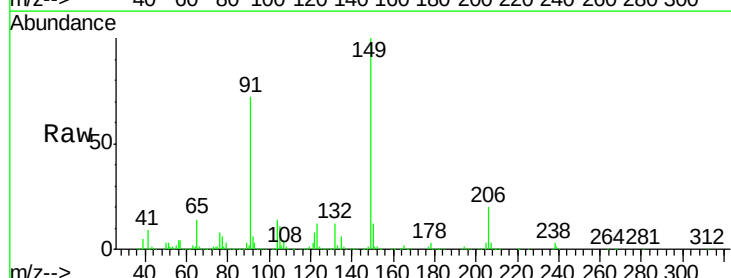
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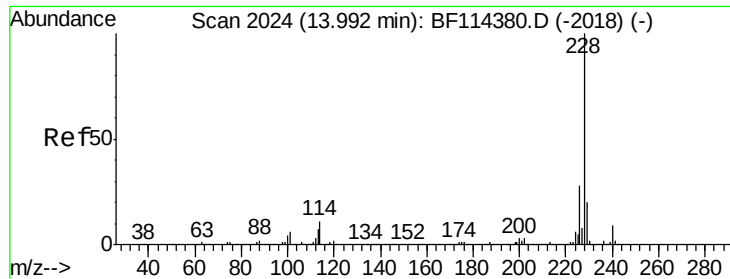
Sohil
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#80
 Butylbenzylphthalate
 Concen: 36.022 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF114384.D
 Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.7	55.0	82.4
206	20.4	16.9	25.3





#81

Benzo(a)anthracene

Concen: 35.301 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

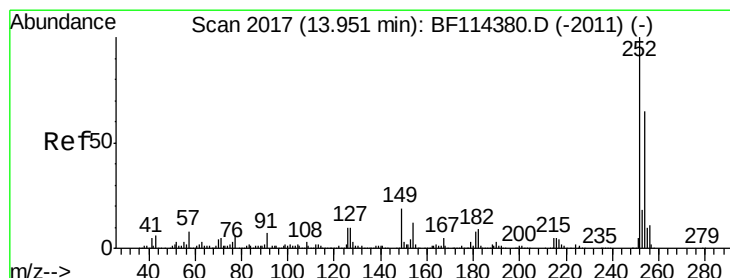
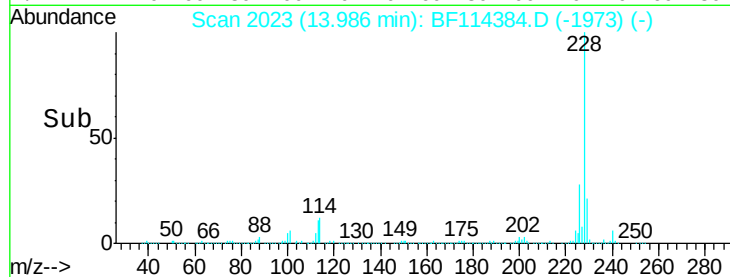
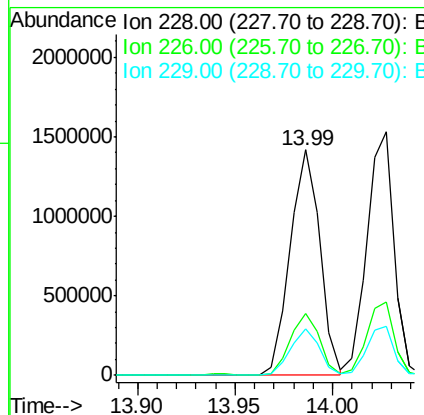
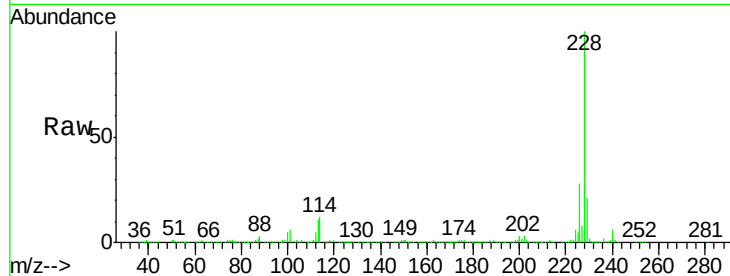
ClientSampleId :

PB119803BS

Tgt Ion:	228	Resp:	1492637
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.6	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.025 ng

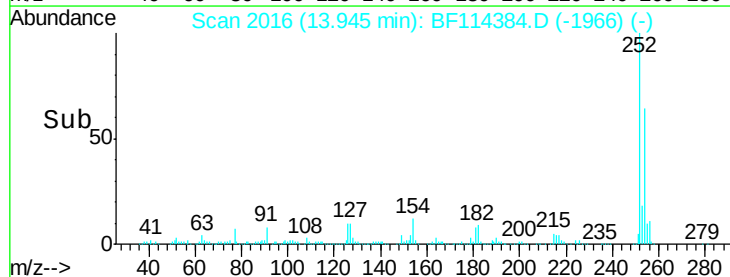
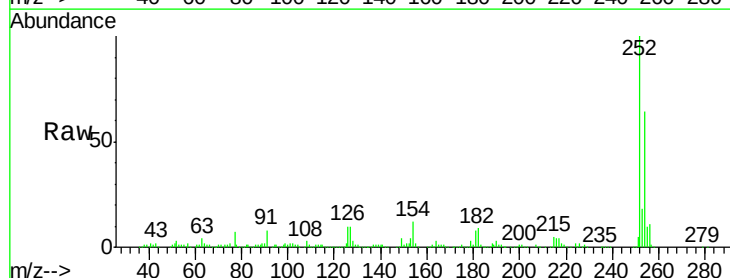
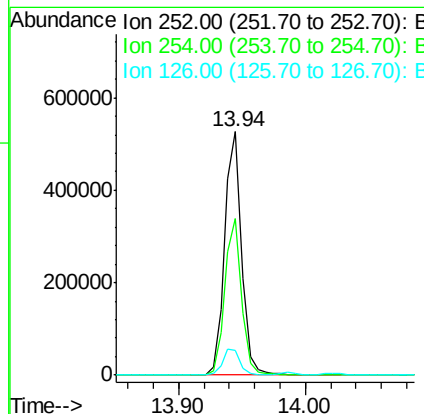
RT: 13.94 min Scan# 2016

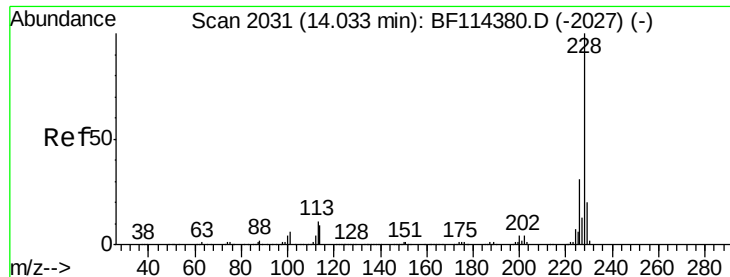
Delta R.T. -0.01 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:	252	Resp:	492495
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	10.3	7.9	11.9





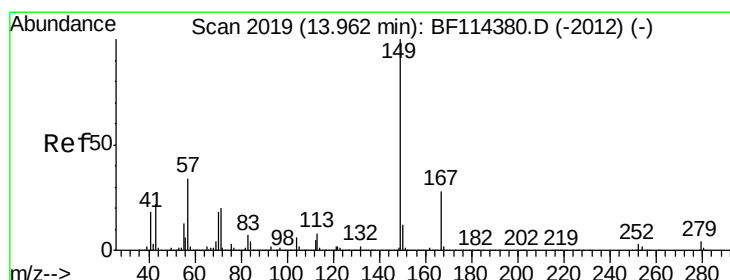
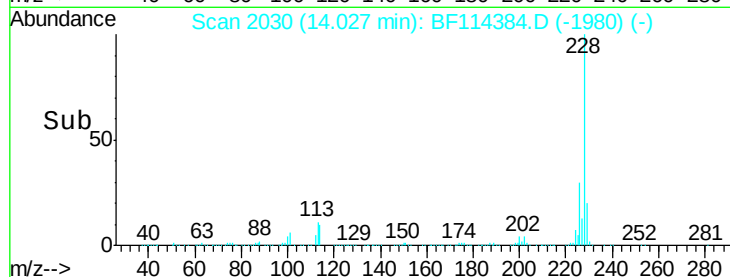
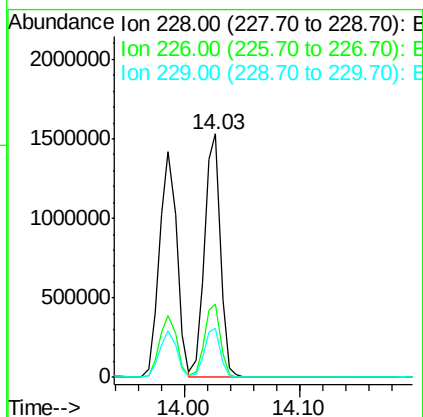
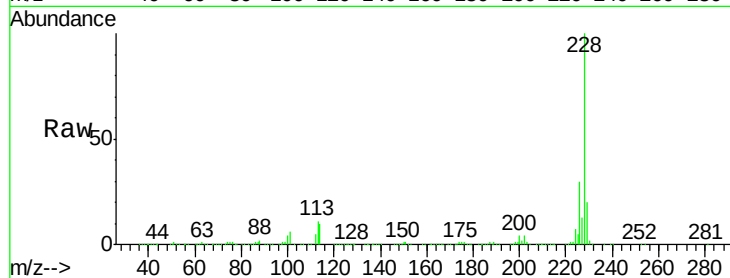
#83
Chrysene
Concen: 35.725 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion:228 Resp: 1480765
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 20.0 17.0 25.6

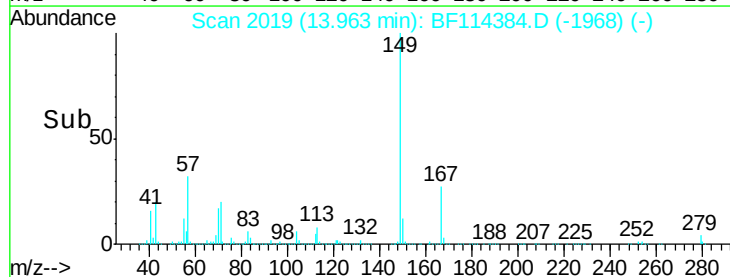
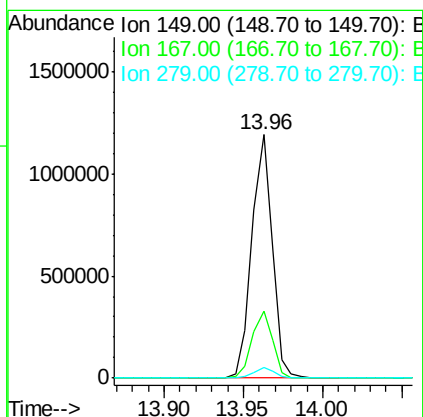
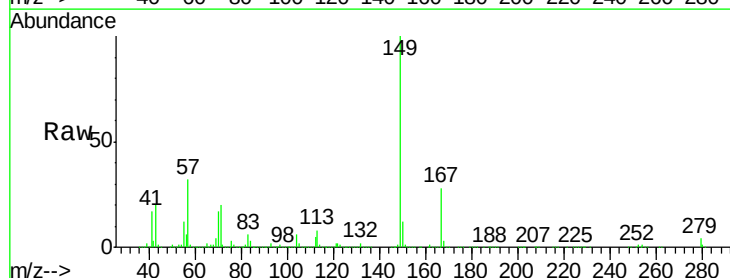
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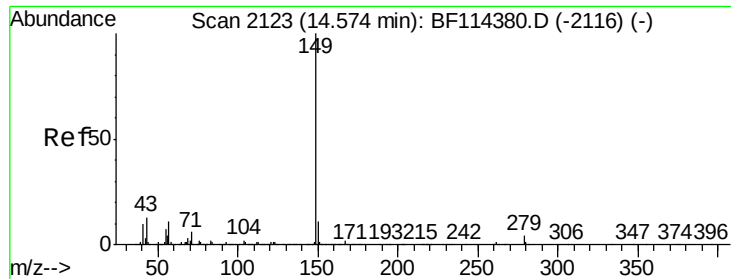
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.923 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion:149 Resp: 1068923
Ion Ratio Lower Upper
149 100
167 27.5 22.6 33.8
279 4.1 3.0 4.6





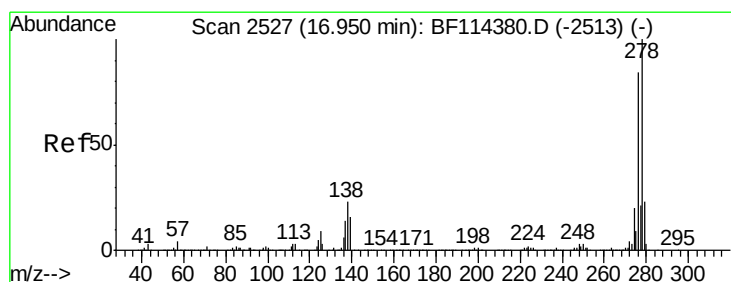
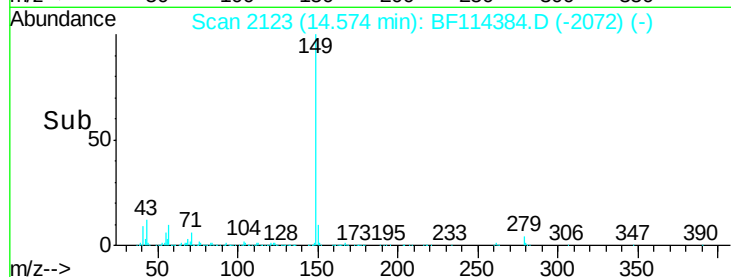
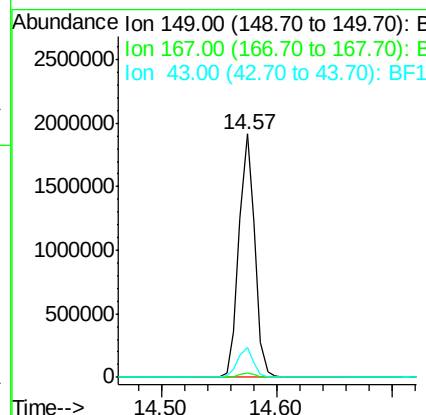
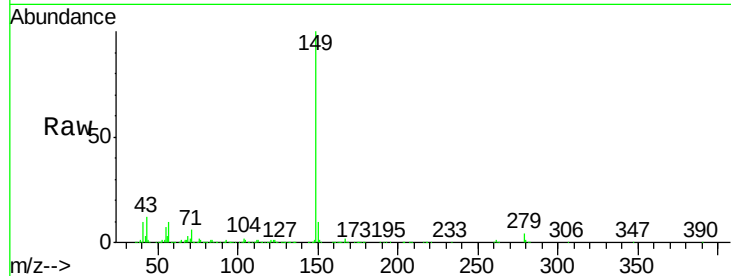
#85
Di-n-octyl phthalate
Concen: 38.524 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	10.1	15.1

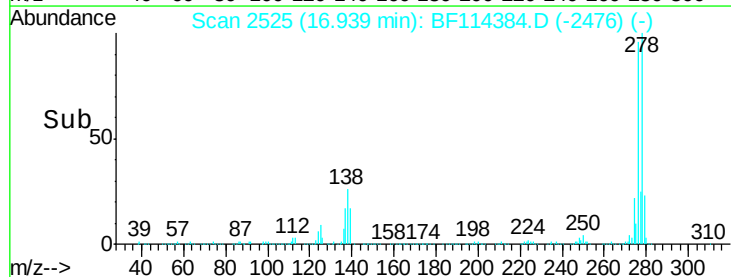
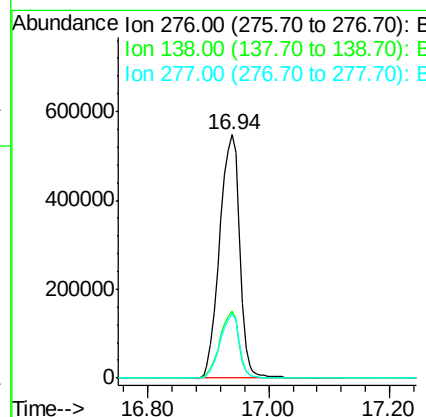
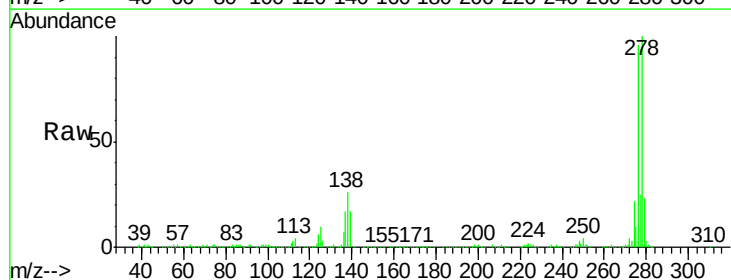
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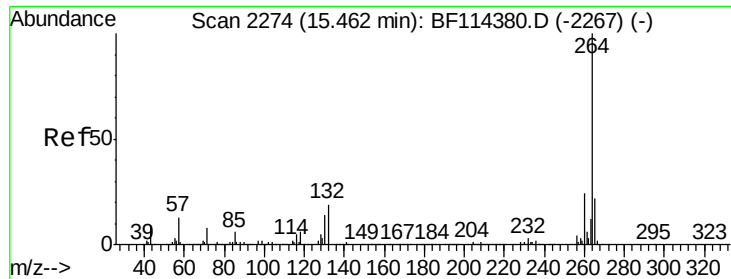
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.579 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.2	30.2
277	25.3	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Instrument :

BNA_F

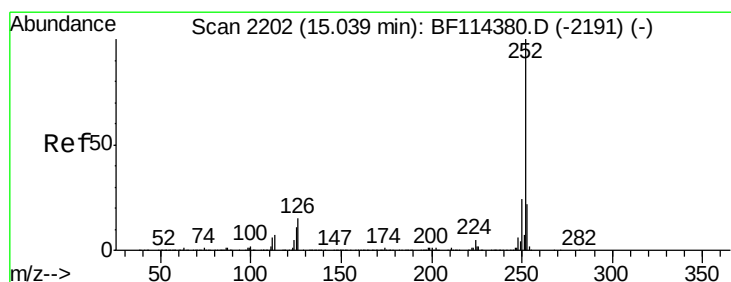
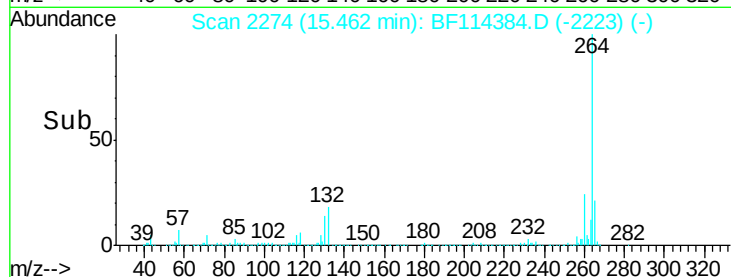
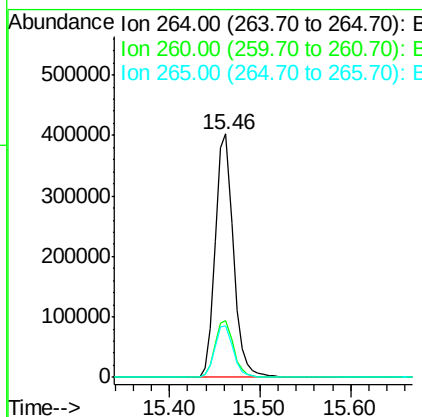
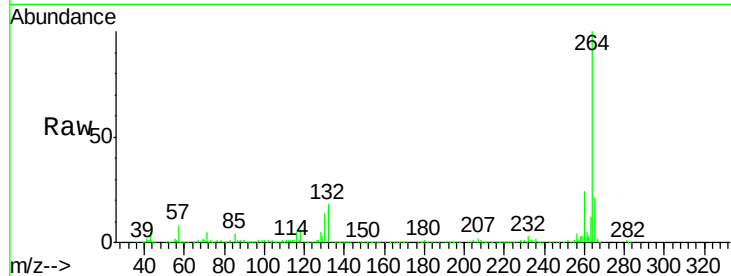
ClientSampled :

PB119803BS

Tgt Ion:	264	Resp:	558355
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.3	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 41.311 ng

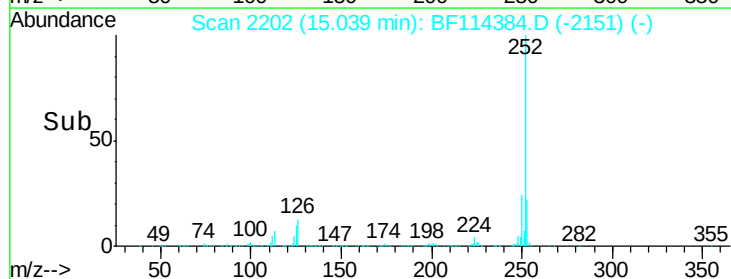
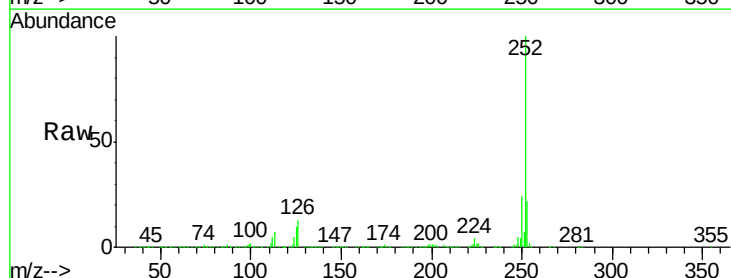
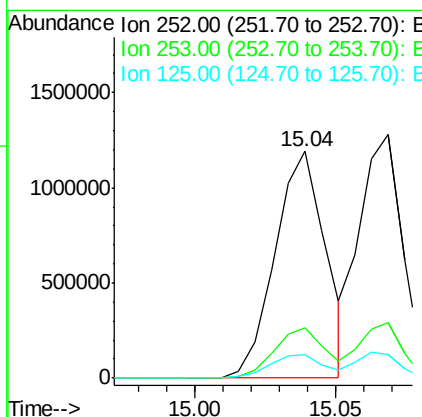
RT: 15.04 min Scan# 2202

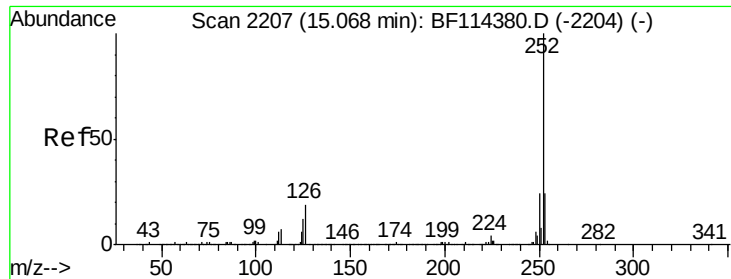
Delta R.T. 0.00 min

Lab File: BF114384.D

Acq: 18 May 2019 12:11

Tgt Ion:	252	Resp:	1477750
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.4	8.3	12.5





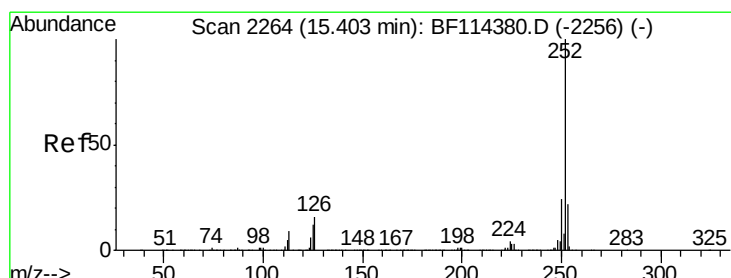
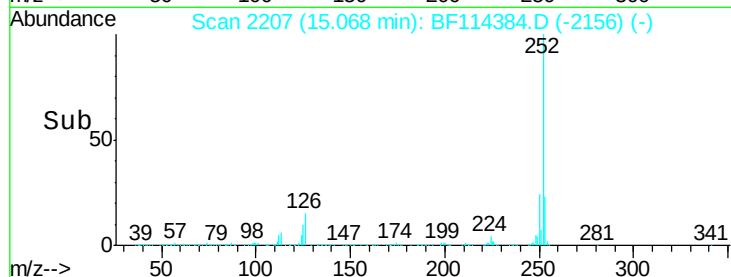
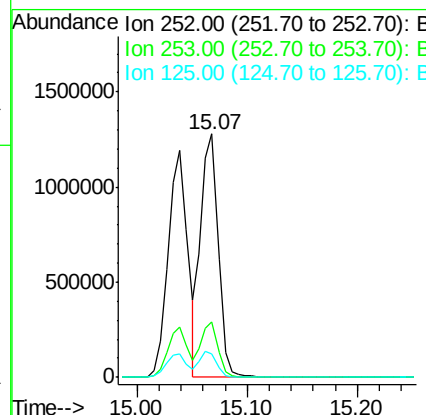
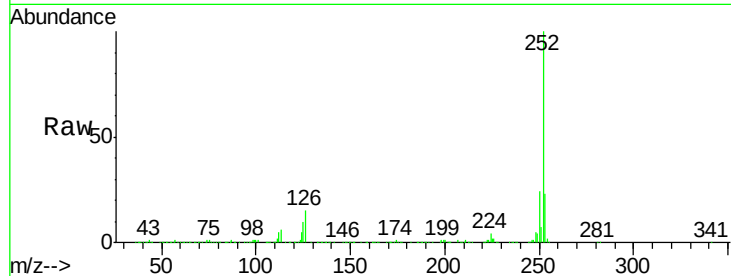
#89
Benzo(k)fluoranthene
Concen: 41.941 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.9	8.6	13.0

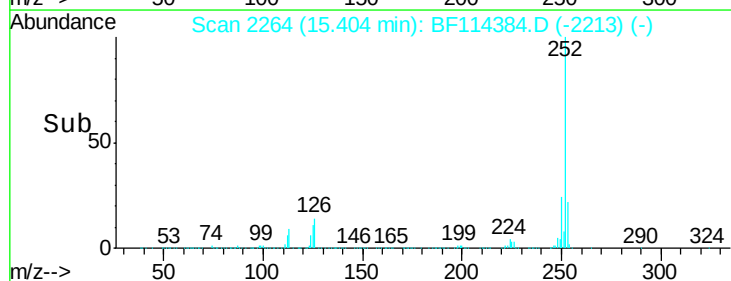
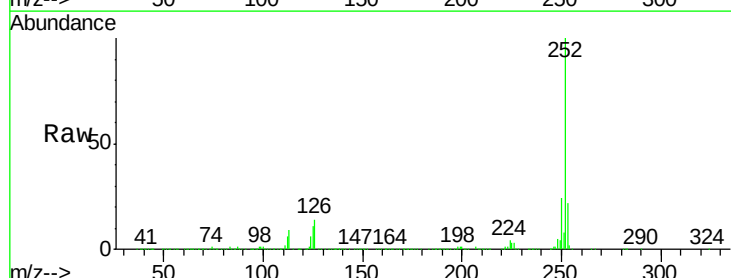
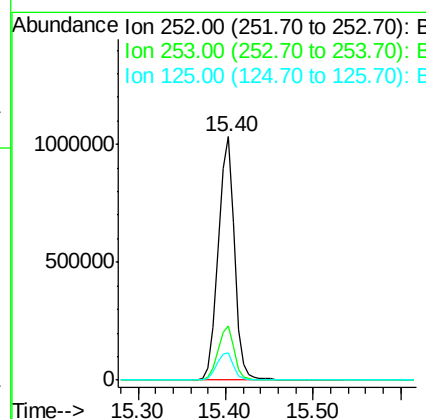
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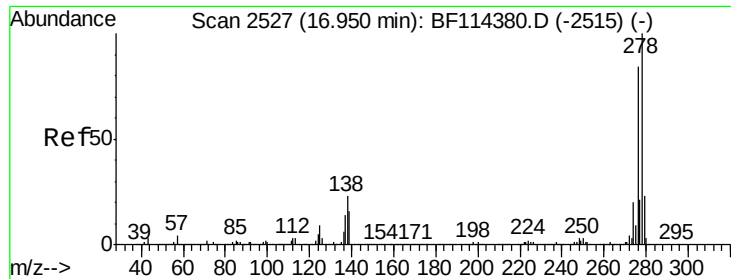
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#90
Benzo(a)pyrene
Concen: 42.579 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.5	9.5	14.3





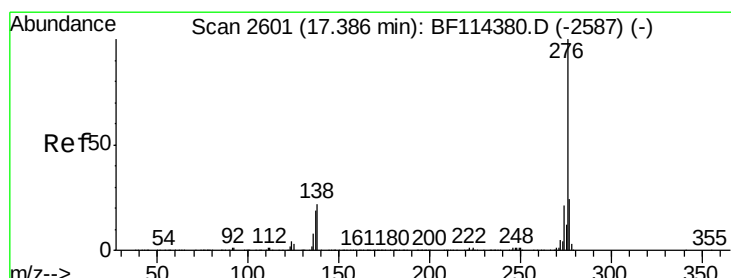
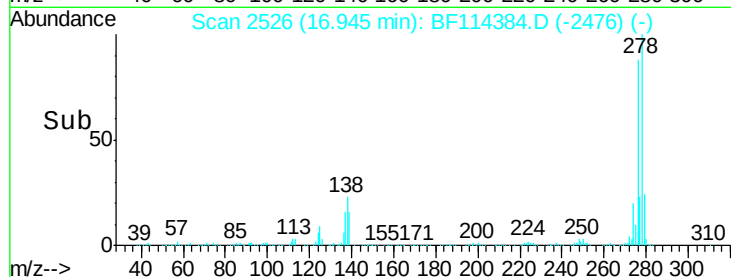
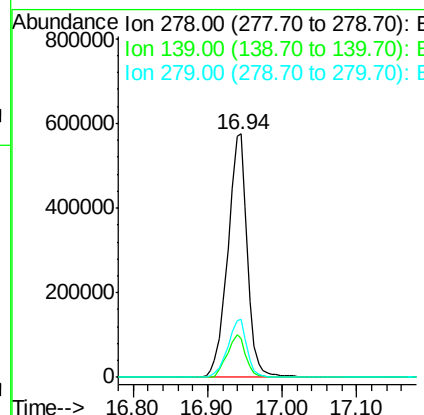
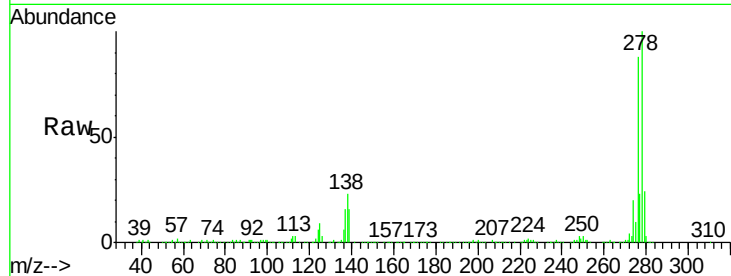
#91
Dibenzo(a,h)anthracene
Concen: 40.284 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB119803BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.5	20.3
279	23.7	19.0	28.6

Manual Integrations
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5/21/2019 7:17:35 PM



#92
Benzo(g,h,i)perylene
Concen: 41.121 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BF114384.D
Acq: 18 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	22.6	17.8	26.6

