

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112767.D
 Acq On : 28 Feb 2019 18:07
 Operator : JU/SJ
 Sample : PB117468BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Manual Integrations
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Sohil
 3/1/2019 3:00:09 PM

Quant Time: Mar 01 06:27:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189245	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	727209	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	333684	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	598490	20.00	ng	0.01
76) Chrysene-d12	13.88	240	355056	20.00	ng	0.00
87) Perylene-d12	15.29	264	397528	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1450994	119.27	ng	0.02
7) Phenol-d6	6.39	99	1831556	119.85	ng	0.02
23) Nitrobenzene-d5	7.30	82	980548	80.68	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	480585	135.66	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1744161	90.57	ng	0.00
79) Terphenyl-d14	12.84	244	1573118	85.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	208105	34.125	ng	98
3) Pyridine	3.25	79	559092	34.268	ng	98
4) n-Nitrosodimethylamine	3.16	42	251602	35.253	ng	99
6) Aniline	6.41	93	486564	23.130	ng	98
8) 2-Chlorophenol	6.53	128	494776	36.535	ng	97
9) Benzaldehyde	6.29	77	177624	16.131	ng	97
10) Phenol	6.40	94	610024	34.207	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	496346	36.261	ng	94
12) 1,3-Dichlorobenzene	6.69	146	532299	38.049	ng	99
13) 1,4-Dichlorobenzene	6.76	146	543518	38.740	ng	99
14) 1,2-Dichlorobenzene	6.92	146	495364	38.515	ng	98
15) Benzyl Alcohol	6.89	79	436505	37.458	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	797836	34.927	ng	98
17) 2-Methylphenol	7.00	107	408533	37.185	ng	97
18) Hexachloroethane	7.26	117	201930	37.573	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	340704	35.201	ng	99
20) 3+4-Methylphenols	7.16	107	477462	38.494	ng	97
22) Acetophenone	7.15	105	666169	39.177	ng	# 98
24) Nitrobenzene	7.32	77	534980	39.551	ng	99
25) Isophorone	7.57	82	970322	37.061	ng	99
26) 2-Nitrophenol	7.65	139	267073	47.432	ng	97
27) 2,4-Dimethylphenol	7.69	122	444535	42.437	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	624239	38.135	ng	100
29) 2,4-Dichlorophenol	7.89	162	410037	40.364	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	451939	41.405	ng	98
31) Naphthalene	8.05	128	1440677	39.903	ng	99
32) Benzoic acid	7.80	122	170329m	23.199	ng	
33) 4-Chloroaniline	8.09	127	293832	19.215	ng	97
34) Hexachlorobutadiene	8.17	225	256168	41.614	ng	99
35) Caprolactam	8.47	113	127202m	35.552	ng	
36) 4-Chloro-3-methylphenol	8.58	107	426990	37.981	ng	98
37) 2-Methylnaphthalene	8.74	142	953742	40.906	ng	100
38) 1-Methylnaphthalene	8.84	142	897177	39.723	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	404801	41.601	ng	100

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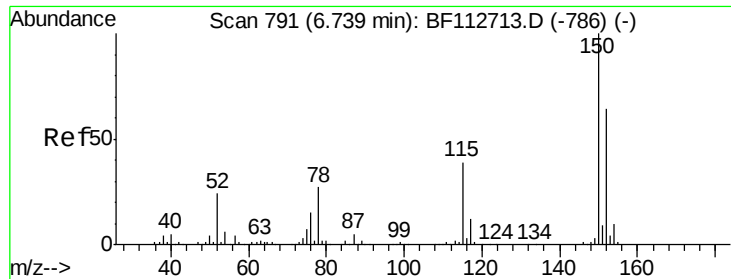
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	492876	92.499	ng	96
43) 2,4,6-Trichlorophenol	9.02	196	290670	43.404	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	302484	41.788	ng	99
46) 1,1'-Biphenyl	9.20	154	1121794	41.216	ng	99
47) 2-Chloronaphthalene	9.23	162	868175	40.851	ng	98
48) 2-Nitroaniline	9.32	65	270623	41.894	ng	98
49) Acenaphthylene	9.64	152	1393866	38.634	ng	99
50) Dimethylphthalate	9.50	163	972173	39.512	ng	99
51) 2,6-Dinitrotoluene	9.56	165	221723	43.275	ng	91
52) Acenaphthene	9.81	154	845039	40.052	ng	97
53) 3-Nitroaniline	9.72	138	163521	26.192	ng	94
54) 2,4-Dinitrophenol	9.83	184	109272	54.387	ng	97
55) Dibenzofuran	9.98	168	1203194	39.237	ng	99
56) 4-Nitrophenol	9.89	139	331441	65.322	ng	94
57) 2,4-Dinitrotoluene	9.96	165	289518	45.459	ng	86
58) Fluorene	10.32	166	861218	39.570	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	235885	39.114	ng	98
60) Diethylphthalate	10.20	149	979143	37.680	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	428984	42.364	ng	97
62) 4-Nitroaniline	10.33	138	200708	34.791	ng	96
63) Azobenzene	10.47	77	953459	35.822	ng	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	91502	38.246	ng	87
66) n-Nitrosodiphenylamine	10.43	169	798673	41.610	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	271403	43.053	ng	97
68) Hexachlorobenzene	10.87	284	307867	43.324	ng	94
69) Atrazine	10.96	200	233302	39.687	ng	100
70) Pentachlorophenol	11.06	266	270301	64.627	ng	98
71) Phenanthrene	11.28	178	1221736	41.029	ng	100
72) Anthracene	11.33	178	1238156	39.722	ng	98
73) Carbazole	11.48	167	1055946	34.727	ng	100
74) Di-n-butylphthalate	11.82	149	1397485	38.330	ng	100
75) Fluoranthene	12.46	202	1155651	36.224	ng	97
77) Benzidine	12.58	184	146348	7.945	ng	# 55
78) Pyrene	12.69	202	1171670	39.144	ng	99
80) Butylbenzylphthalate	13.31	149	514904	38.972	ng	97
81) Benzo(a)anthracene	13.87	228	912869	37.097	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	268549	28.855	ng	99
83) Chrysene	13.91	228	902096	37.425	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	619663	39.986	ng	99
85) Di-n-octyl phthalate	14.48	149	1152113	43.295	ng	100
86) Indeno(1,2,3-cd)pyrene	16.66	276	1237769	60.234	ng	96
88) Benzo(b)fluoranthene	14.89	252	972090	37.805	ng	97
89) Benzo(k)fluoranthene	14.92	252	903598	38.796	ng	97
90) Benzo(a)pyrene	15.23	252	957870	42.116	ng	98
91) Dibenzo(a,h)anthracene	16.68	278	1020034	52.558	ng	98
92) Benzo(g,h,i)perylene	17.07	276	1068267	54.817	ng	97

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



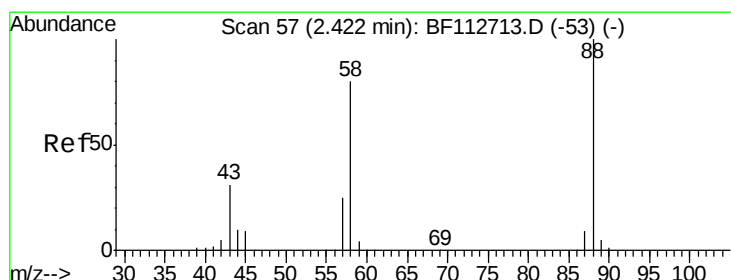
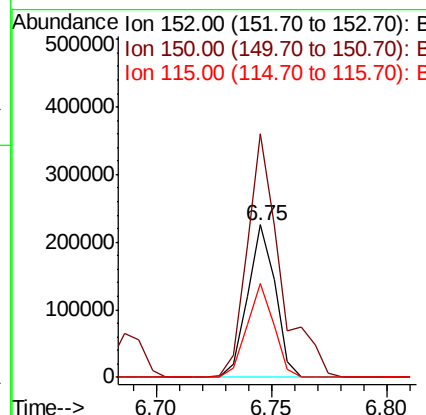
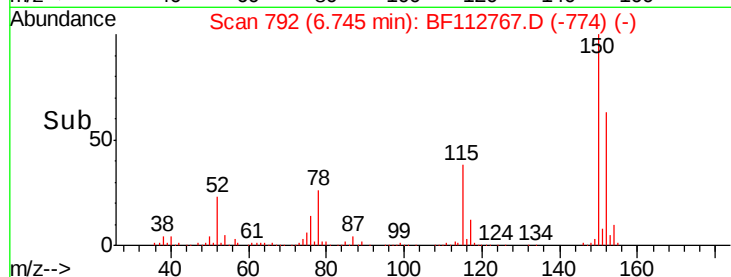
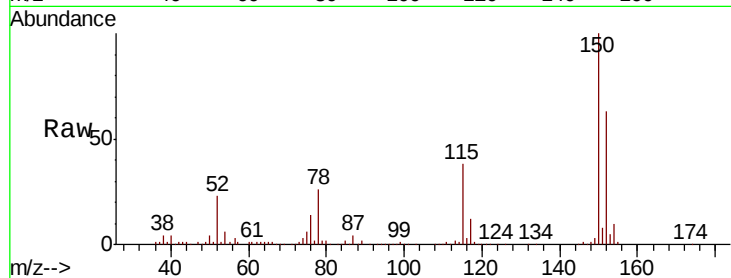
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.2	186.2
115	61.4	48.2	72.4

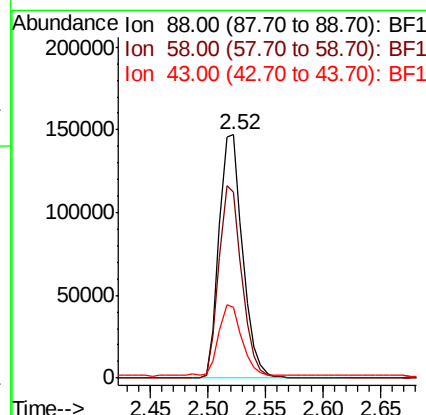
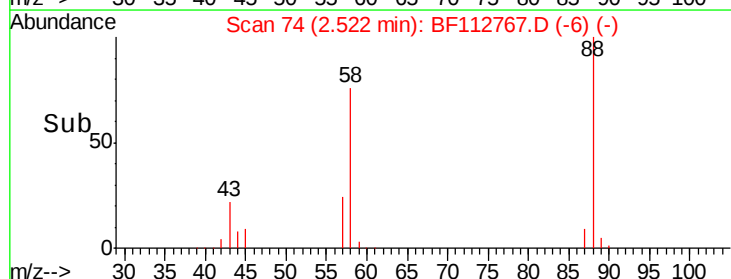
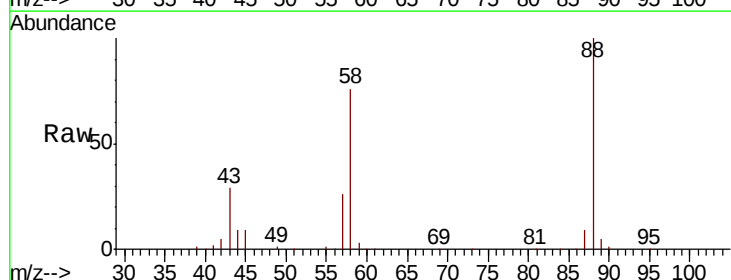
Manual Integrations
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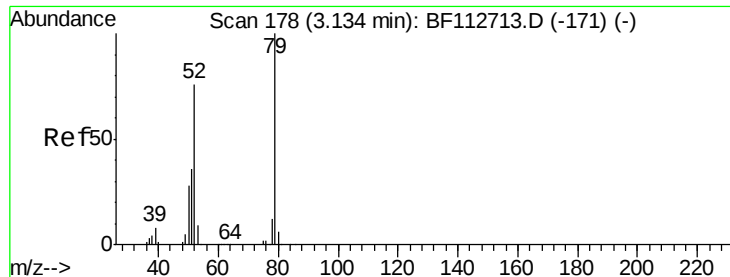
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#2
 1,4-Dioxane
 Concen: 34.125 ng
 RT: 2.52 min Scan# 74
 Delta R.T. 0.10 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	63.1	94.7
43	29.0	24.3	36.5





#3

Pvridine

Concen: 34.268 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.12 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

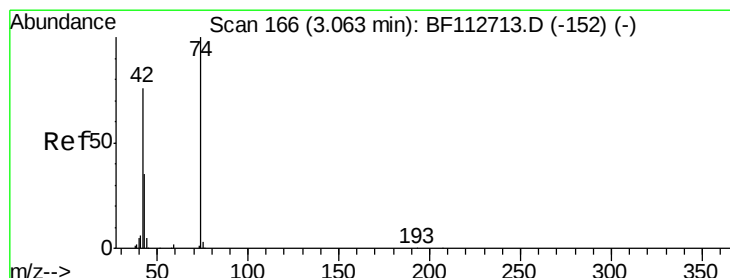
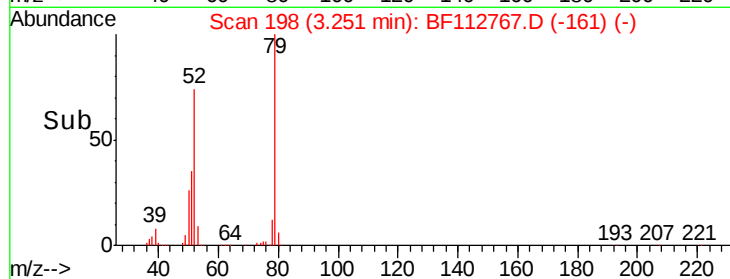
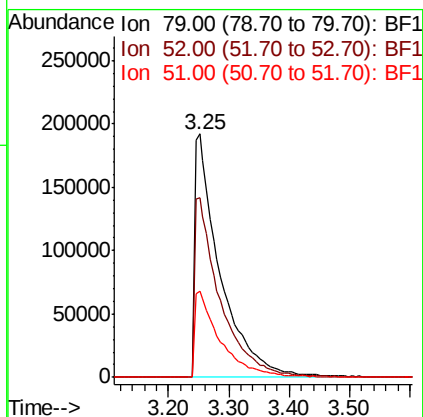
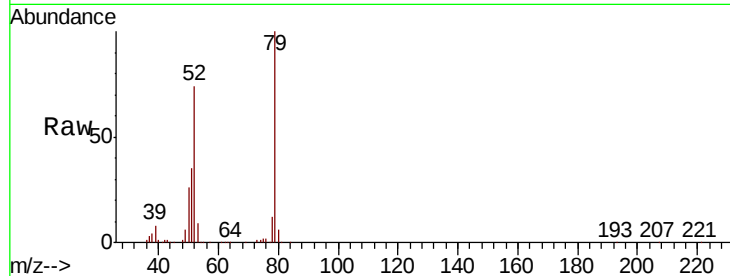
ClientSampleId :

PB117468BS

Tot Ion:	79	Resp:	559092
Ion Ratio	Lower	Upper	
79	100		
52	73.9	60.5	90.7
51	35.2	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 35.253 ng

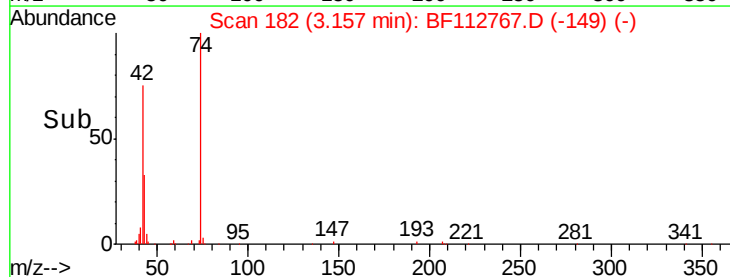
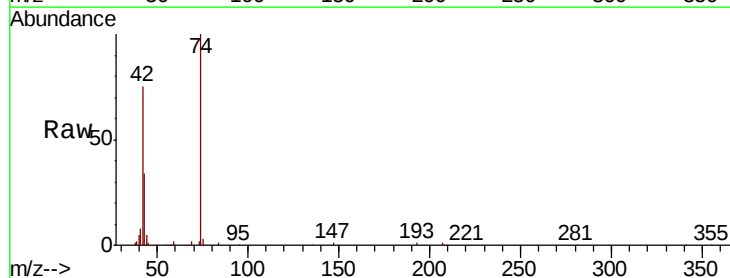
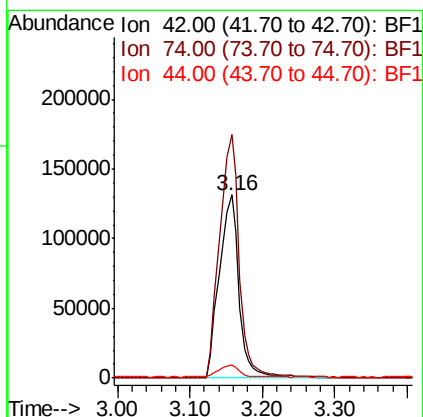
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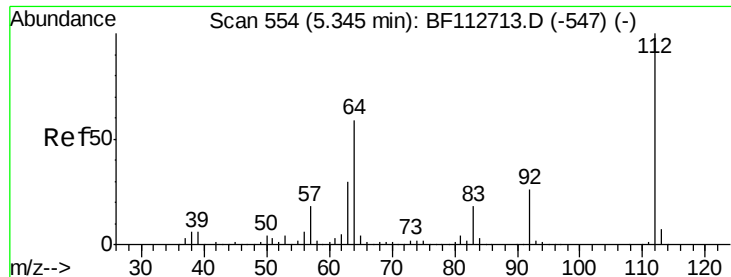
Delta R.T. 0.09 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion:	42	Resp:	251602
Ion Ratio	Lower	Upper	
42	100		
74	133.1	105.8	158.8
44	7.2	6.2	9.2





#5

2-Fluorophenol

Concen: 119.268 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

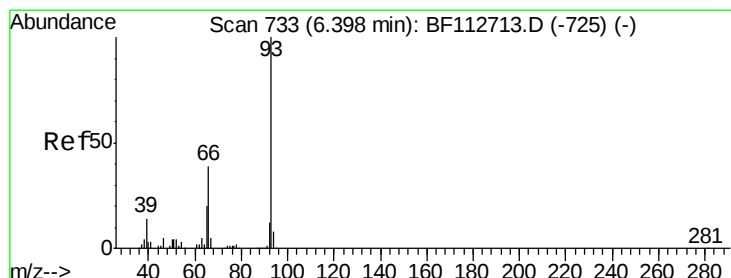
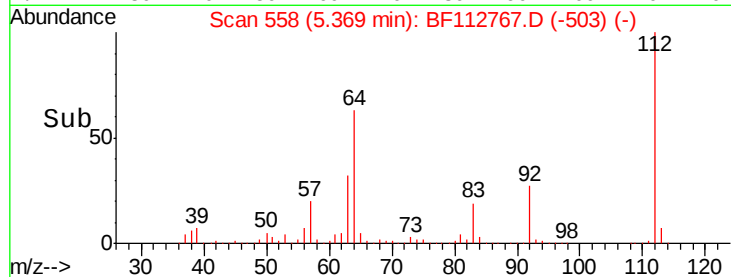
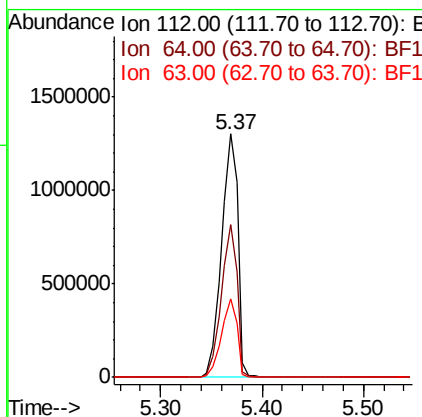
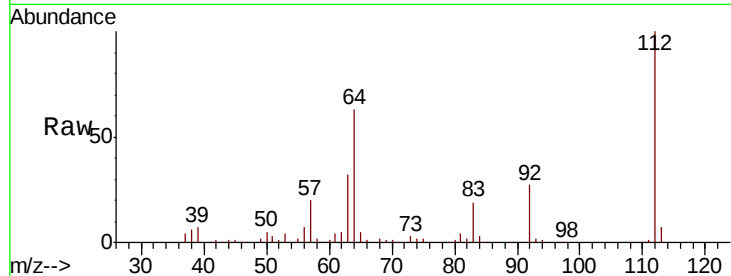
ClientSampleId :

PB117468BS

Tot Ion:	112	Resp:	1450994
Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.6	71.4
63	32.2	24.4	36.6

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#6

Aniline

Concen: 23.130 ng

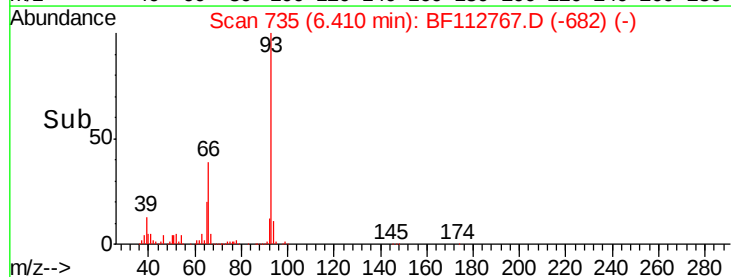
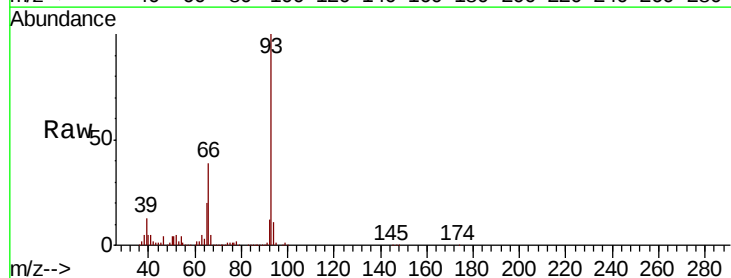
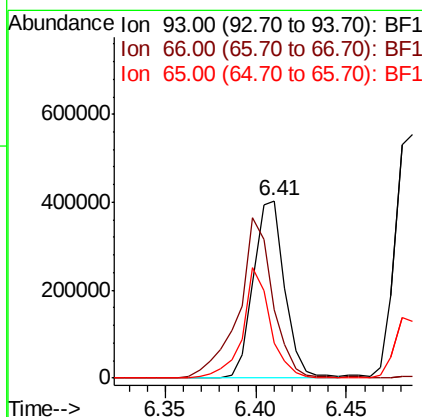
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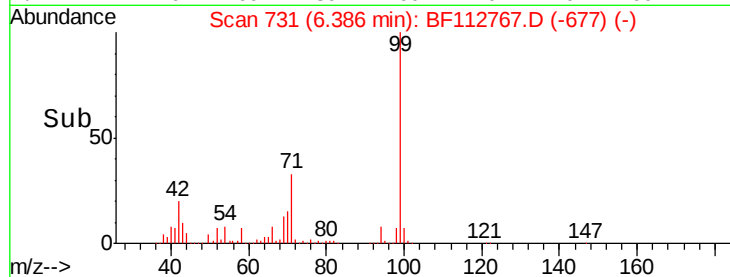
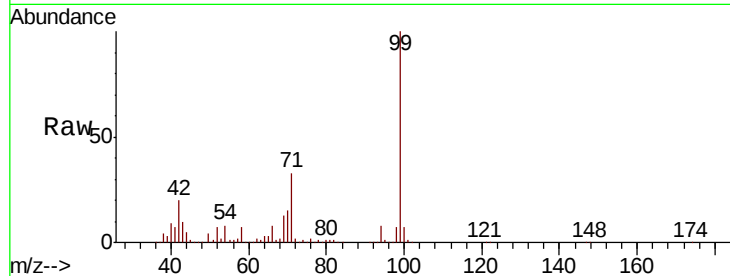
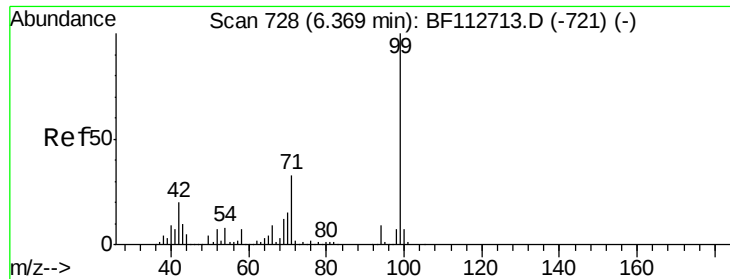
Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion:	93	Resp:	486564
Ion	Ratio	Lower	Upper
93	100		
66	38.9	32.2	48.2
65	19.7	16.2	24.4





#7

Phenol-d6

Concen: 119.848 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tot Ion: 99 Resp: 1831556

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

71 33.3 26.2 39.4

Instrument :

BNA_F

ClientSampleId :

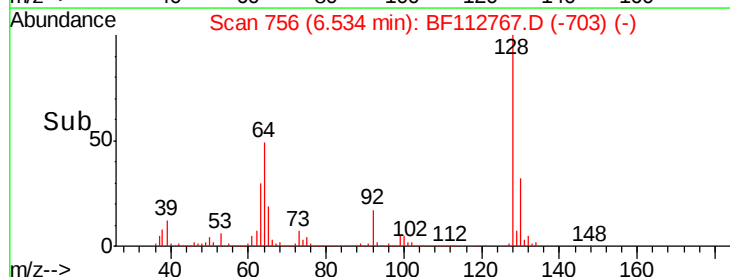
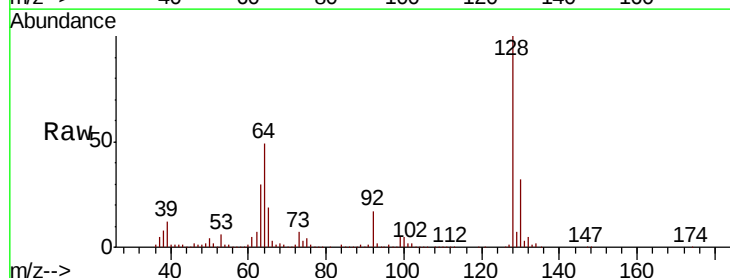
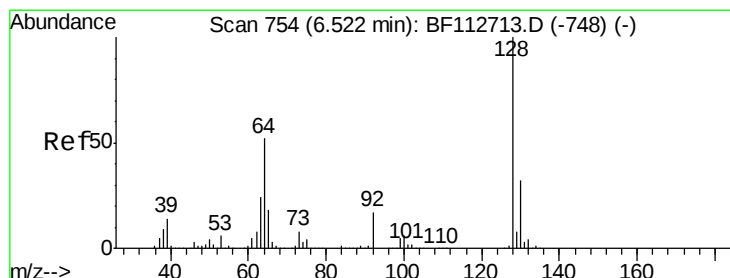
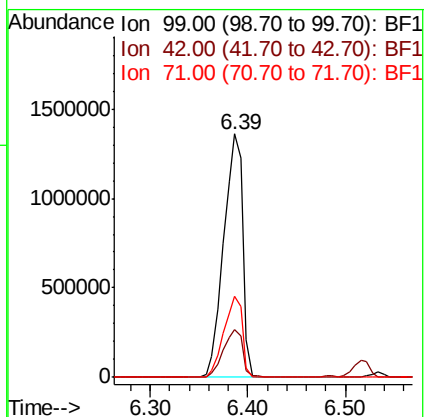
PB117468BS

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#8

2-Chlorophenol

Concen: 36.535 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

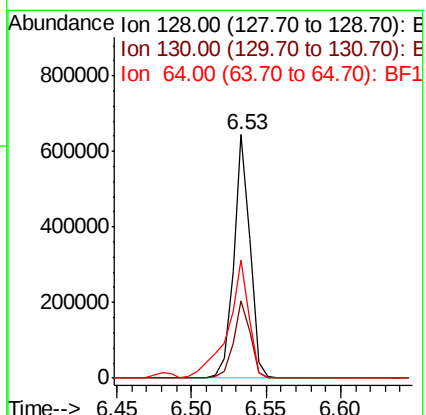
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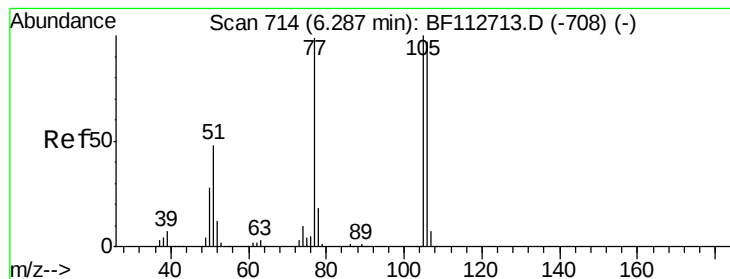
Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

64 48.7 32.2 72.2





#9

Benzaldehyde

Concen: 16.131 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

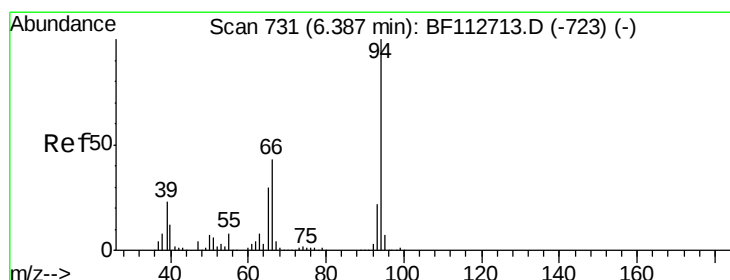
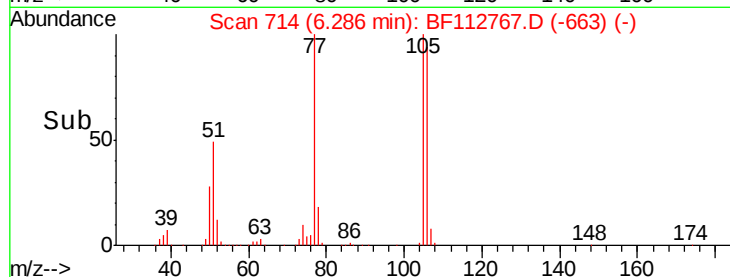
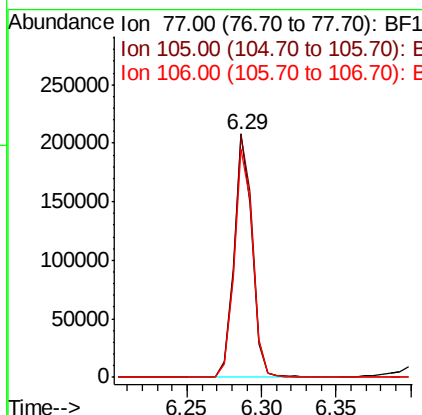
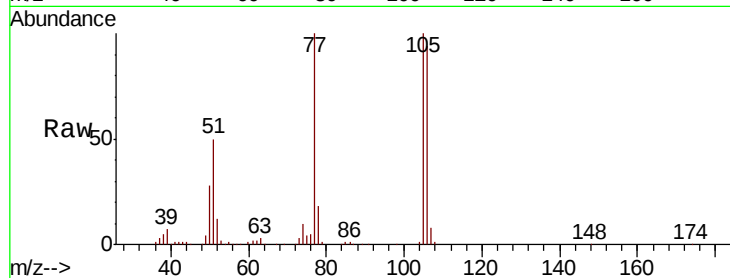
ClientSampleId :

PB117468BS

Tot Ion:	77	Resp:	177624
Ion	Ratio	Lower	Upper
77	100		
105	99.6	81.4	121.4
106	93.5	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 34.207 ng

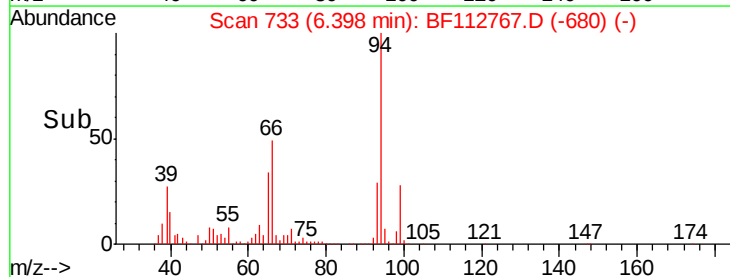
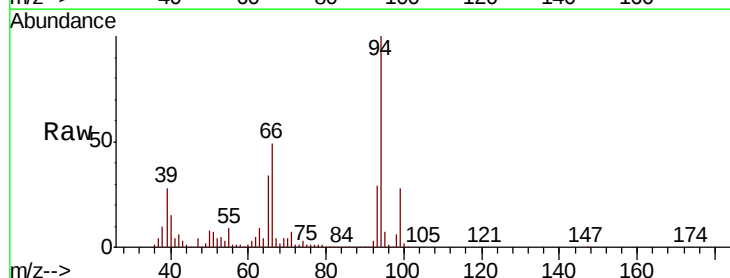
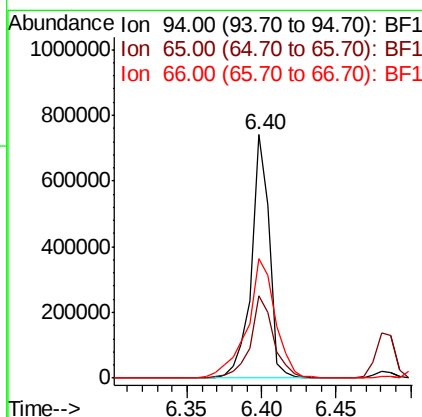
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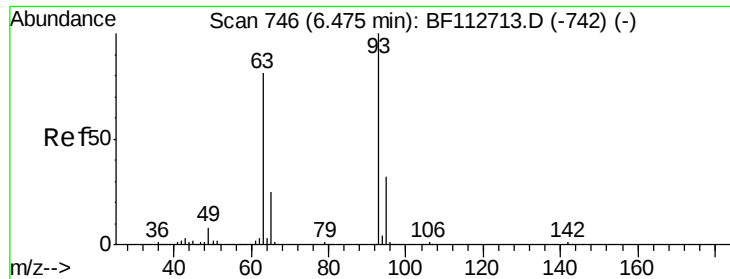
Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion:	94	Resp:	610024
Ion	Ratio	Lower	Upper
94	100		
65	33.9	10.5	50.5
66	49.3	22.6	62.6





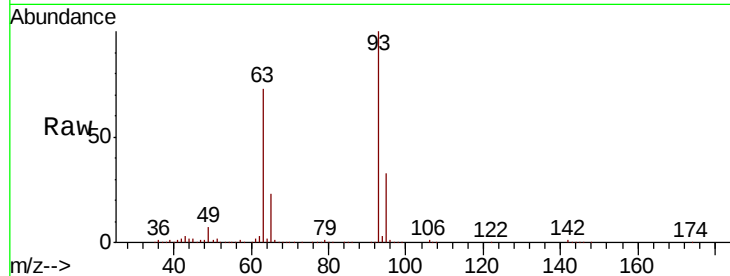
#11
bis(2-Chloroethyl)ether
Concen: 36.261 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	60.5	100.5
95	33.0	12.1	52.1

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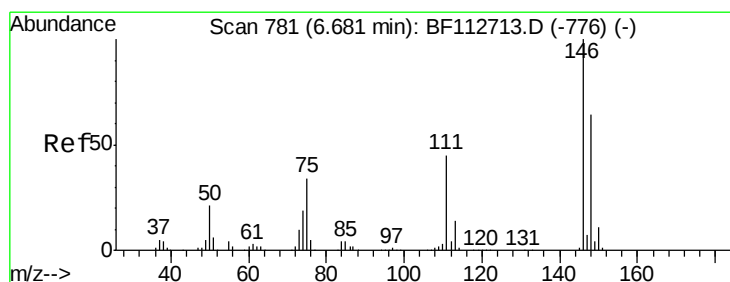
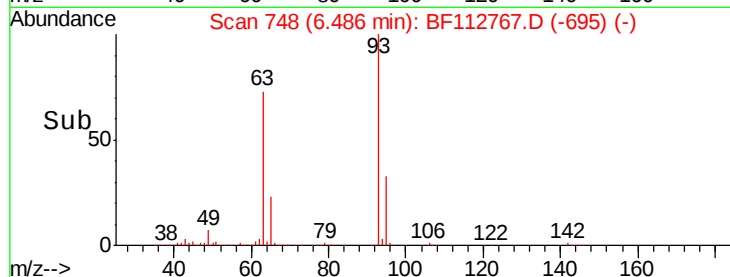
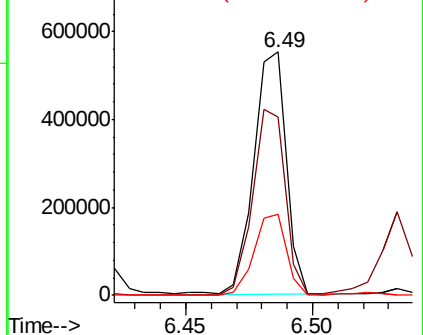


Abundance

Ion 93.00 (92.70 to 93.70): BF1

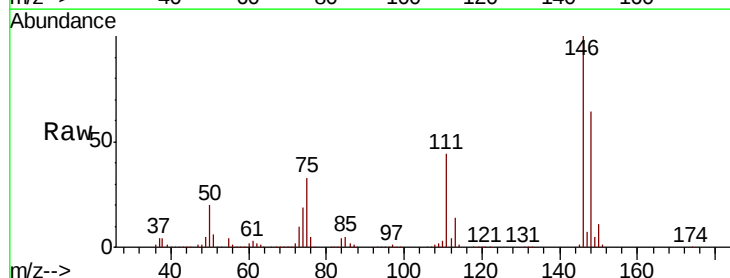
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.049 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	33.3	26.9	40.3

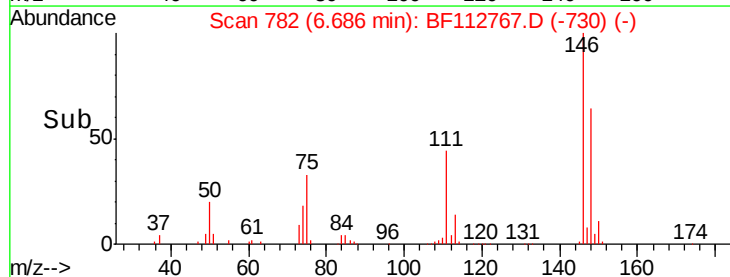
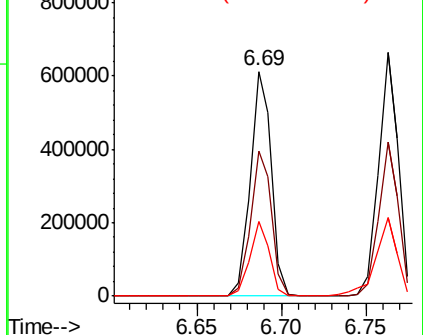


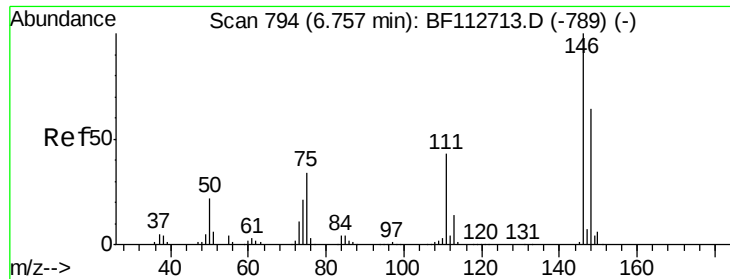
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





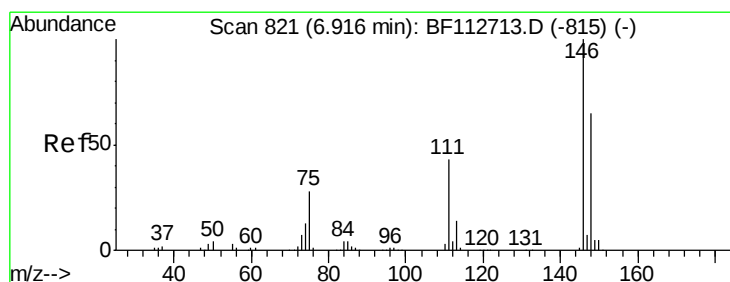
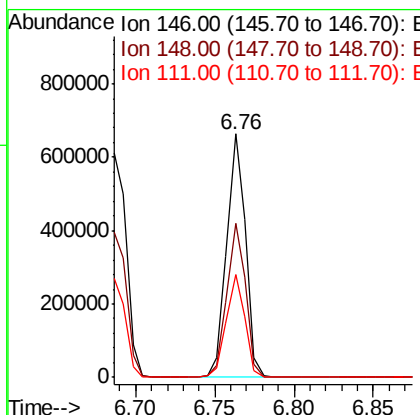
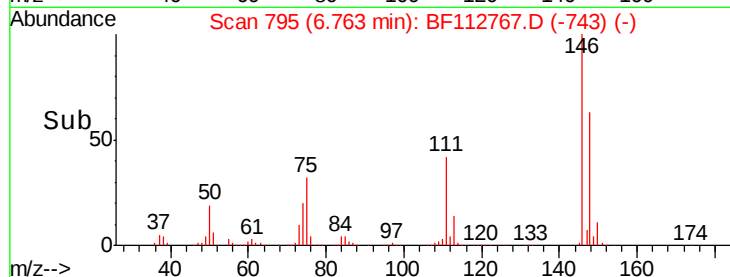
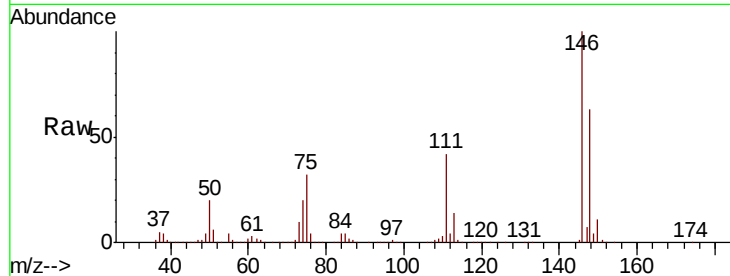
#13
1,4-Dichlorobenzene
Concen: 38.740 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.4
111	42.2	34.5	51.7

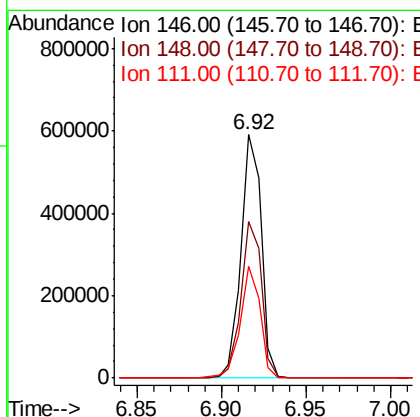
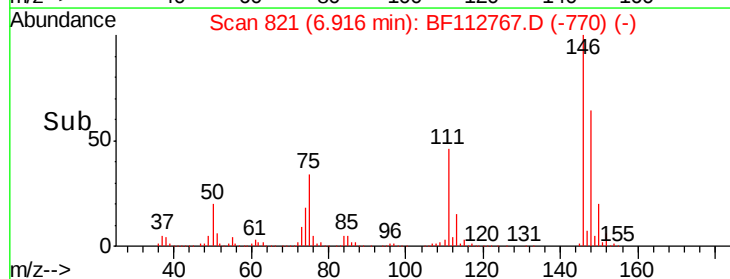
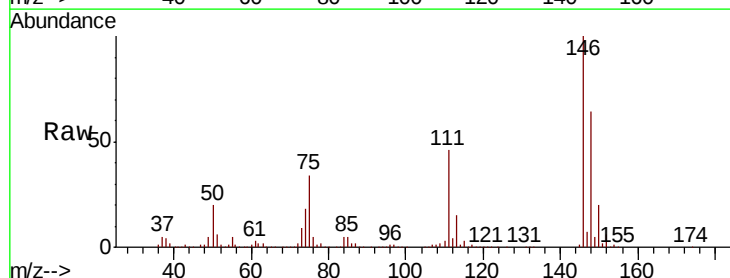
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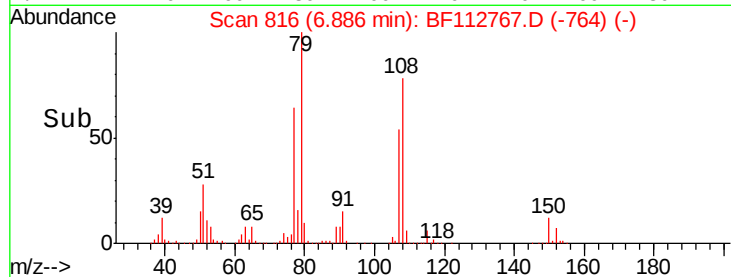
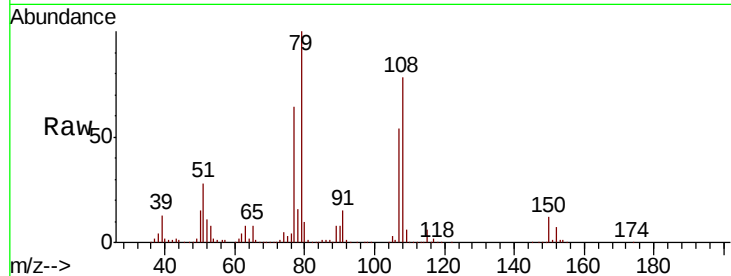
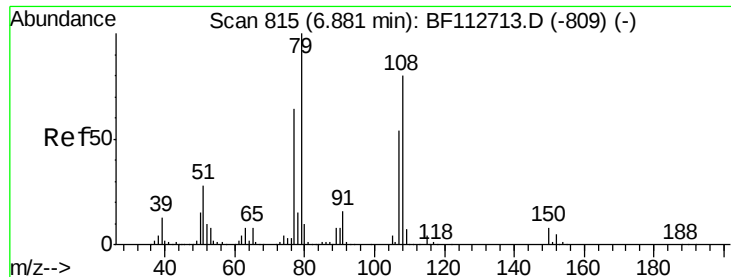
Sohil
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#14
1,2-Dichlorobenzene
Concen: 38.515 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.0	78.0
111	45.9	34.8	52.2





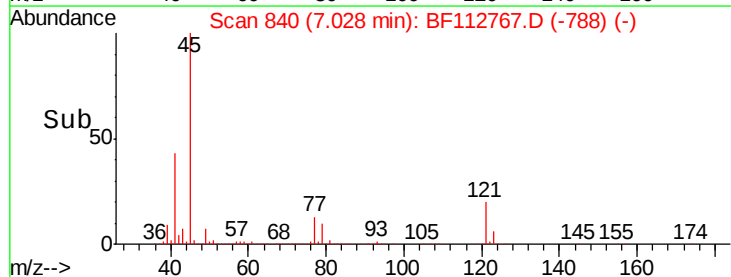
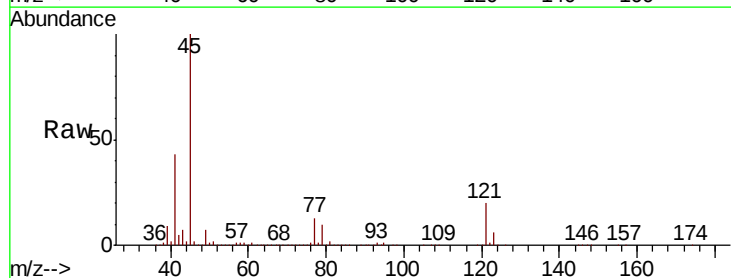
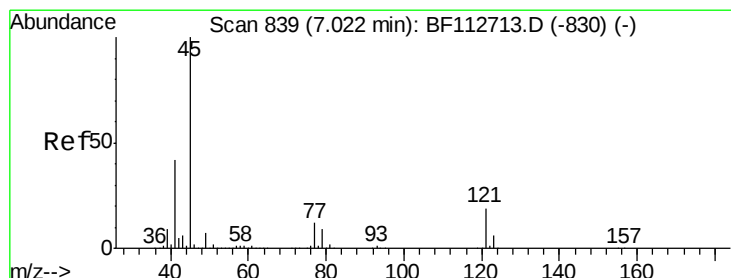
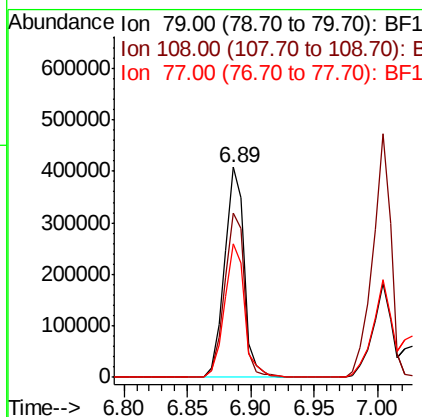
#15
Benzyl Alcohol
Concen: 37.458 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	64.2	96.4
77	63.6	51.1	76.7

Instrument :
BNA_F
ClientSampleId :
PB117468BS

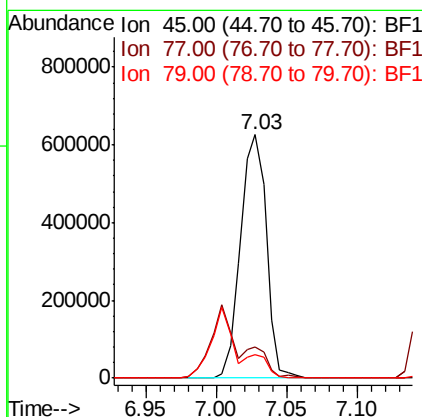
Manual Integrations
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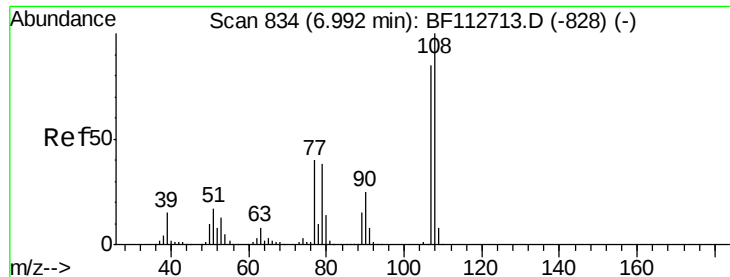
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.927 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	32.1
79	9.8	0.0	29.4





#17

2-Methylphenol

Concen: 37.185 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

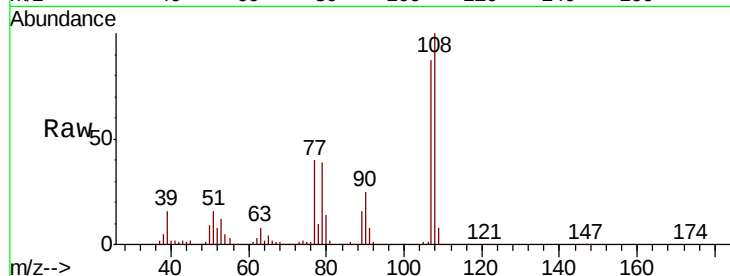
ClientSampleId :

PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	94.6	142.0	
77	45.8	37.8	56.8	
79	44.4	36.2	54.2	

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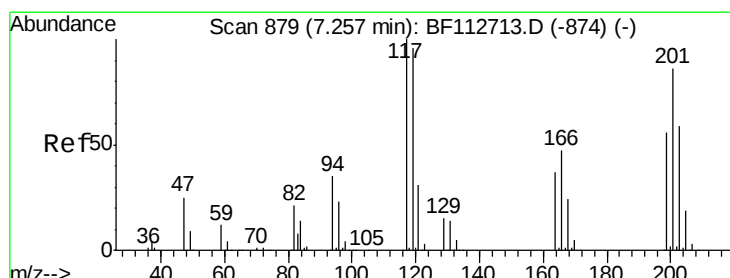
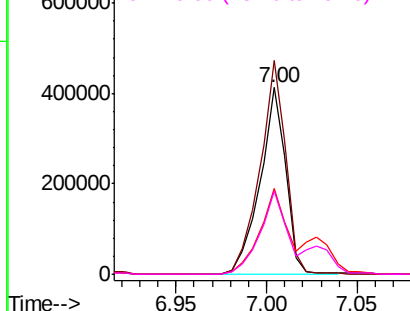
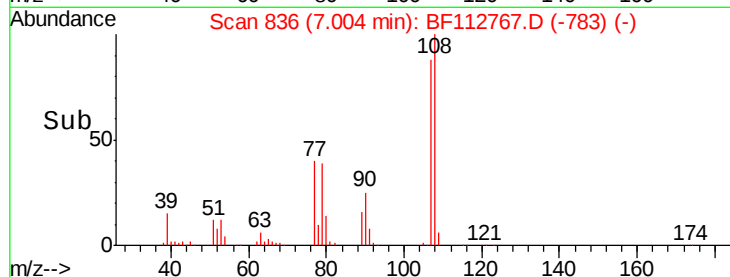
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.573 ng

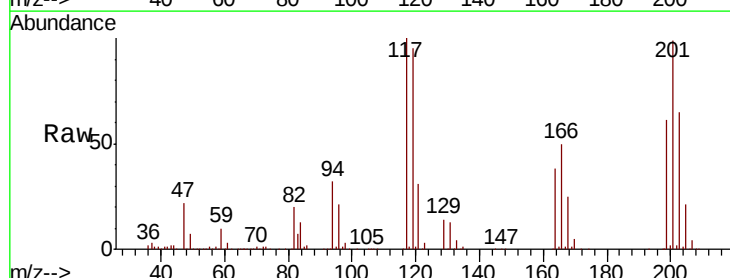
RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	76.6	115.0	
201	98.7	68.9	103.3	

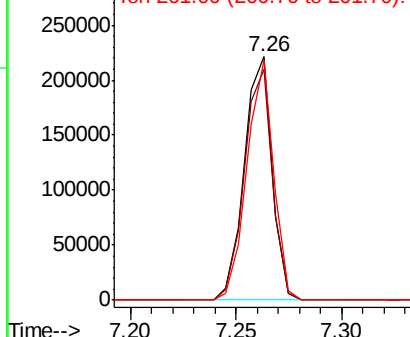
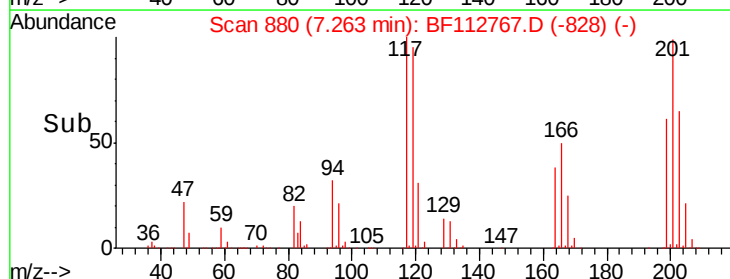


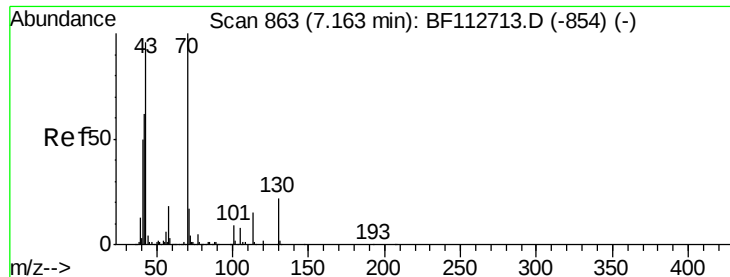
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





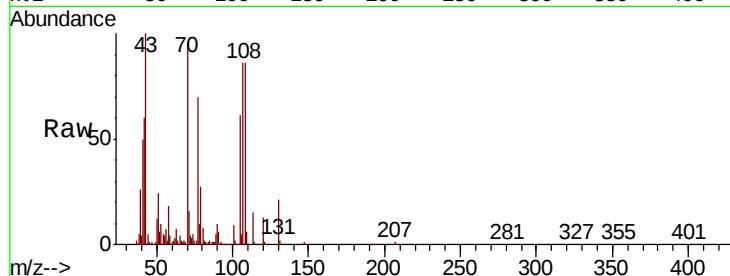
#19
n-Nitroso-di-n-propylamine
Concen: 35.201 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	49.9	74.9
101	9.8	7.4	11.2
130	21.9	17.4	26.2

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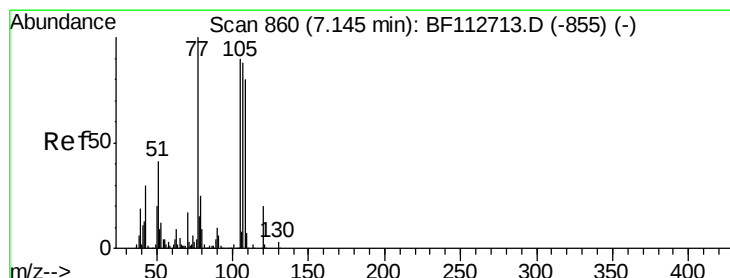
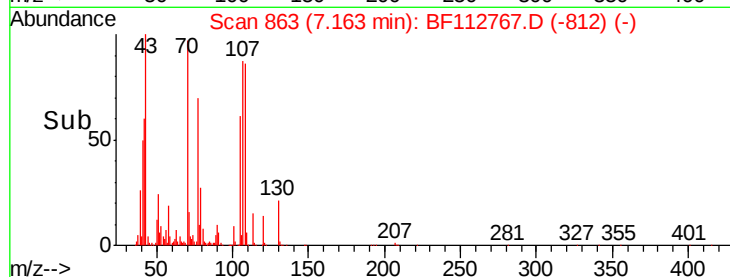
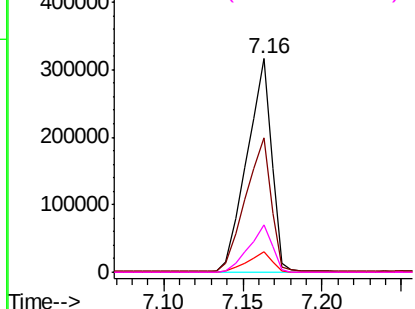
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 38.494 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.4	111.4
77	120.3	94.1	134.1
79	29.8	8.6	48.6

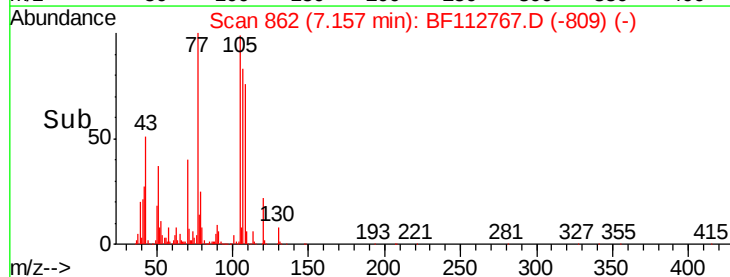
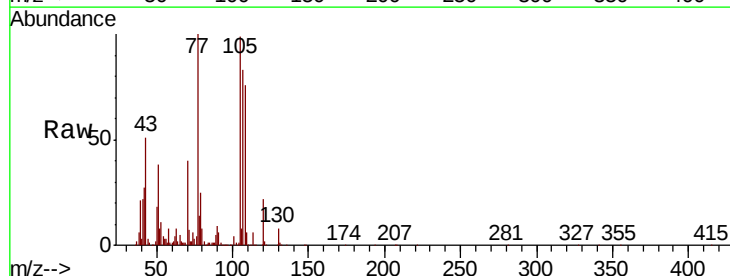
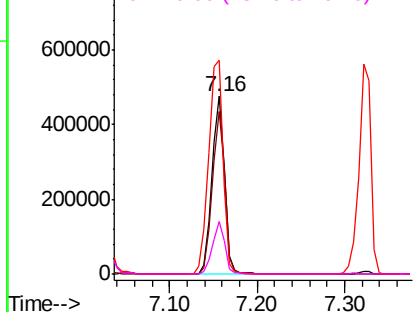
Abundance

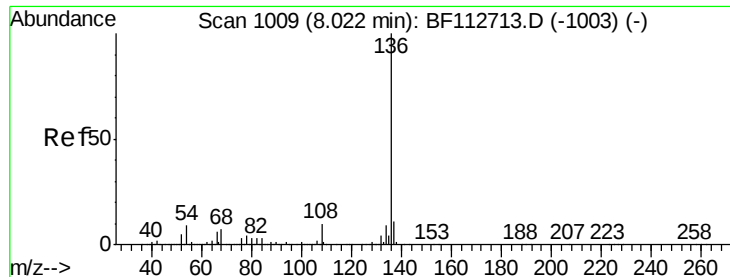
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

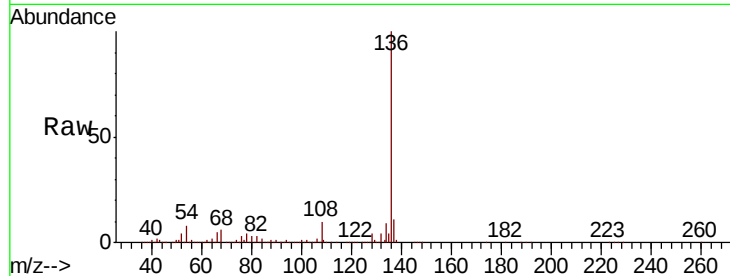
ClientSampleId :

PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	727209		
137	11.0		8.9	13.3
54	7.9		7.3	10.9
68	6.4		5.4	8.2

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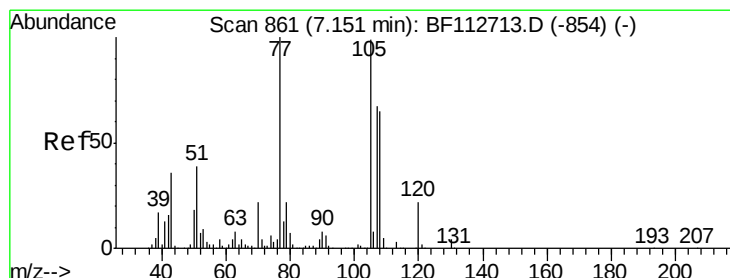
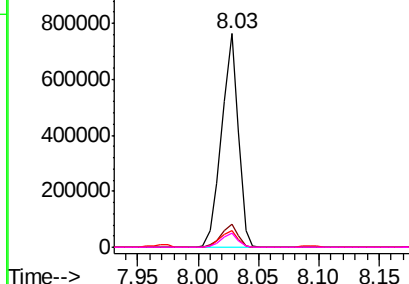
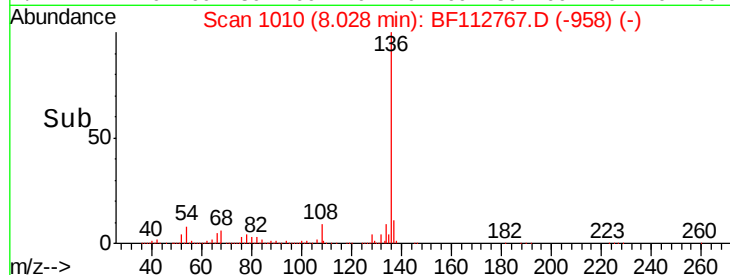
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.177 ng

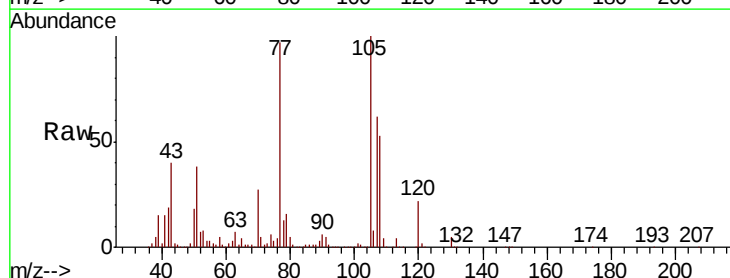
RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	666169		
71	4.5		3.0	4.4#
51	38.1		31.5	47.3
120	22.1		18.1	27.1



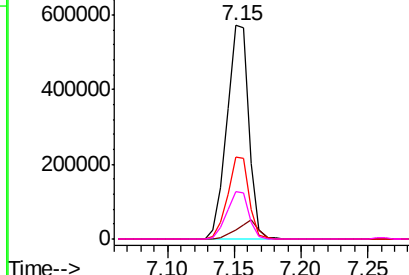
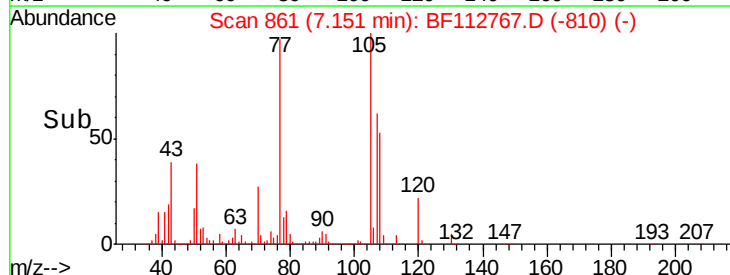
Abundance

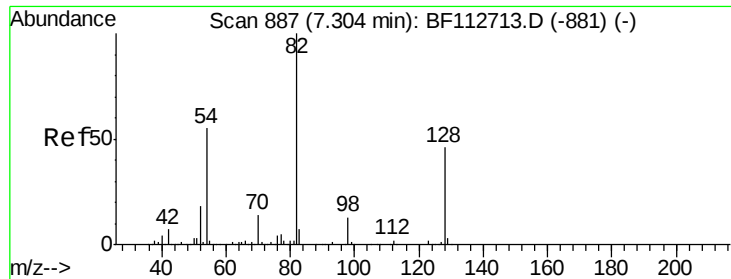
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





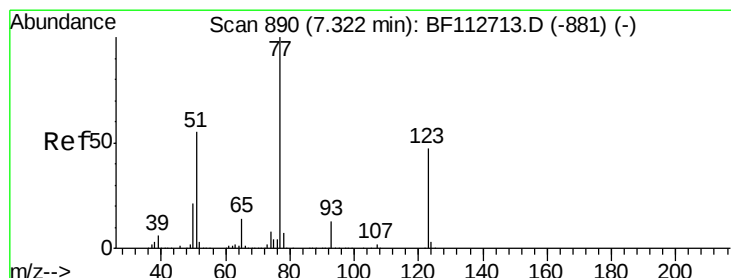
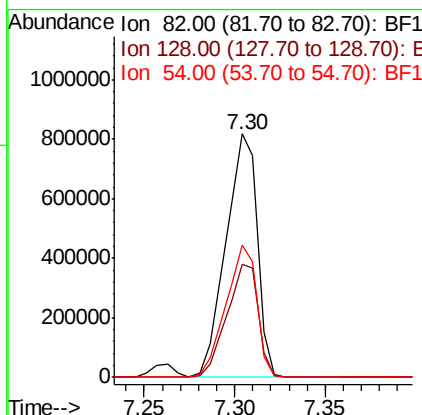
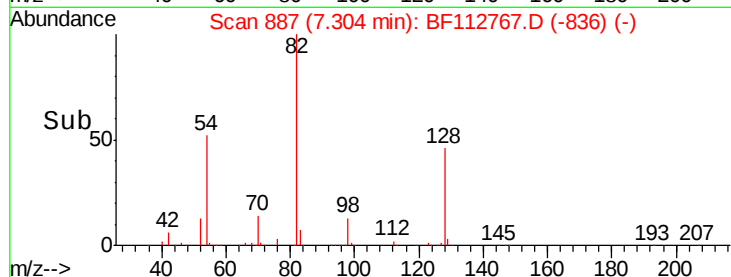
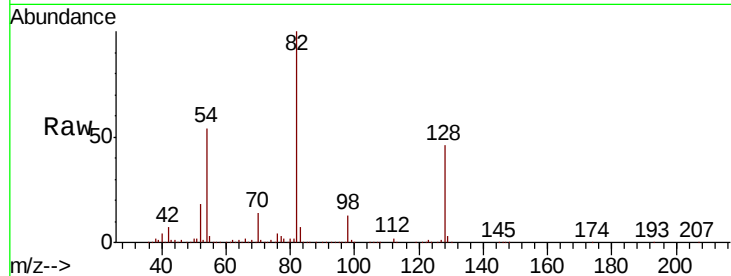
#23
 Nitrobenzene-d5
 Concen: 80.684 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	54.2	43.7	65.5

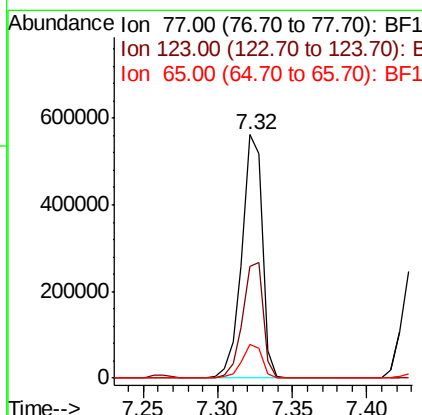
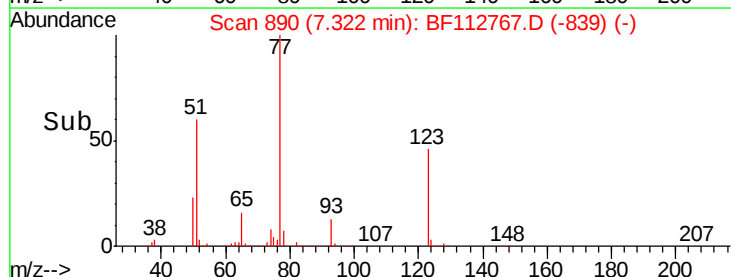
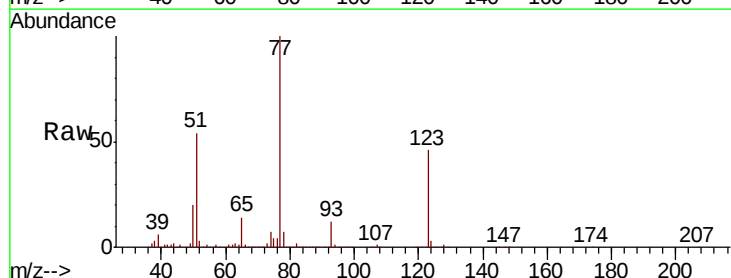
Manual Integrations
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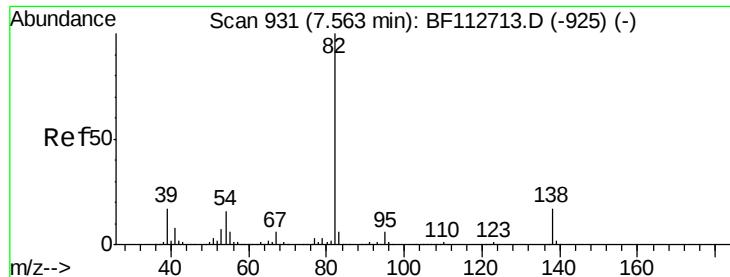
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#24
 Nitrobenzene
 Concen: 39.551 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.8	56.6
65	14.0	11.1	16.7





#25

Isophorone

Concen: 37.061 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

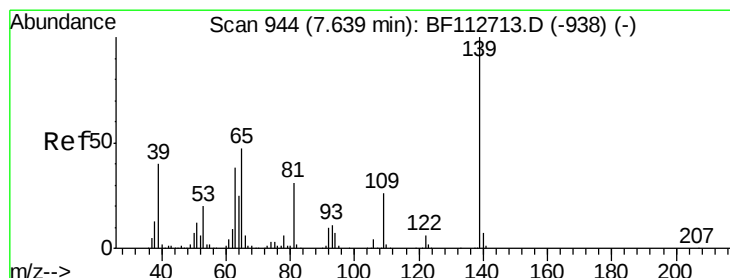
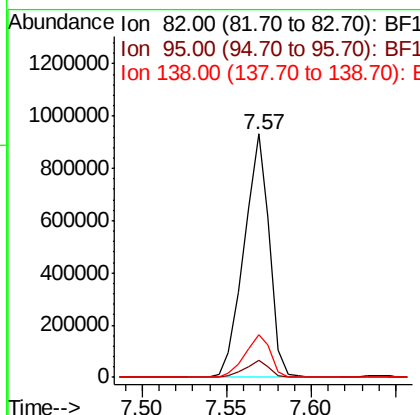
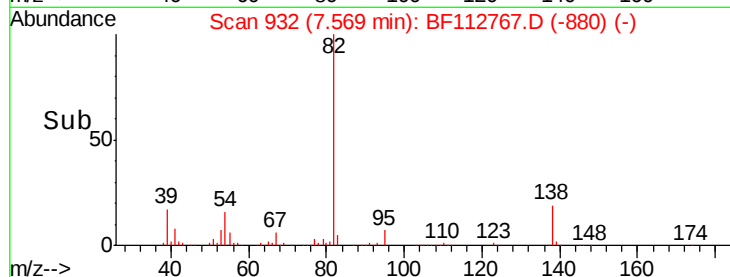
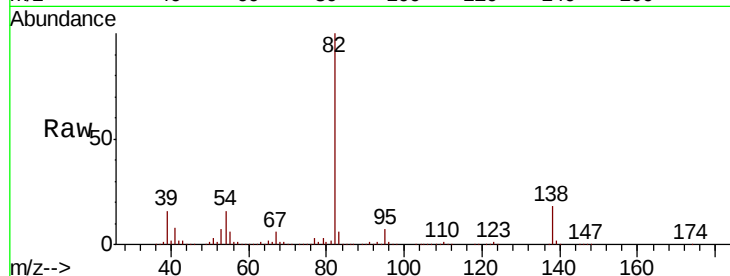
ClientSampleId :

PB117468BS

Tot Ion	82	Resp	970322
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.7	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.432 ng

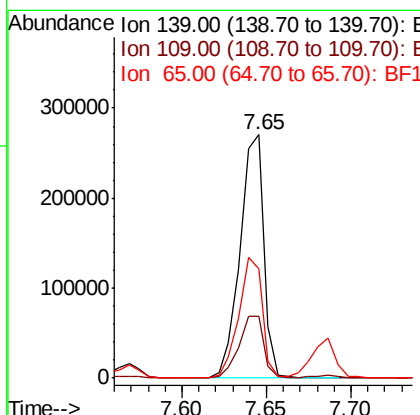
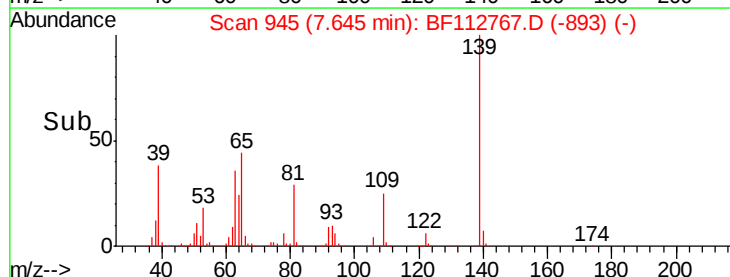
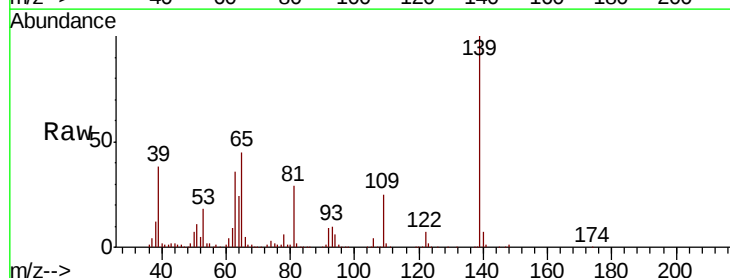
RT: 7.65 min Scan# 945

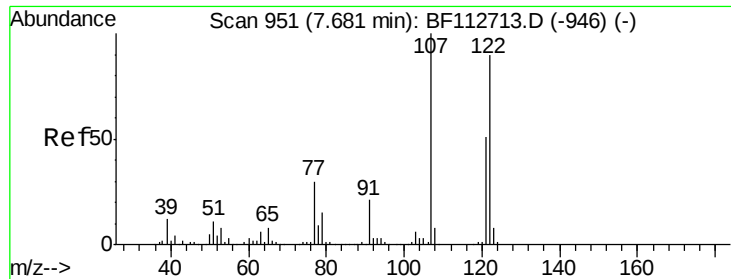
Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion	139	Resp	267073
Ion Ratio	Lower	Upper	
139	100		
109	25.4	20.6	31.0
65	44.8	37.9	56.9





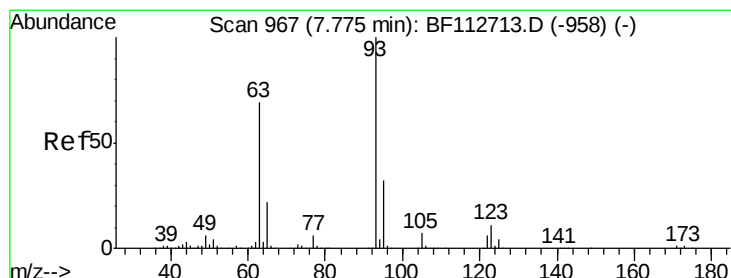
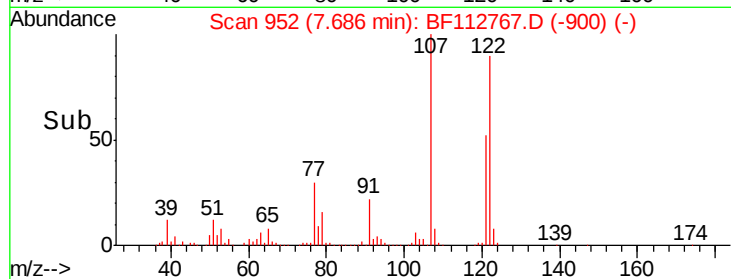
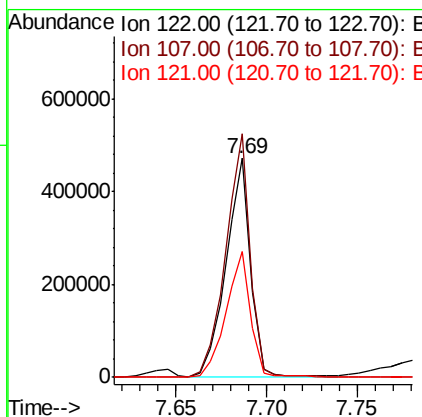
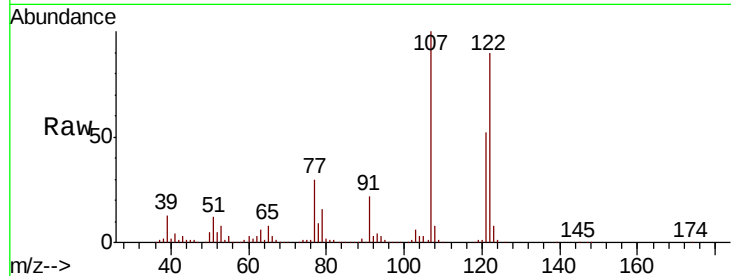
#27
 2,4-Dimethylphenol
 Concen: 42.437 ng
 RT: 7.69 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	444535		
107	111.1	89.4	134.0	
121	57.4	45.5	68.3	

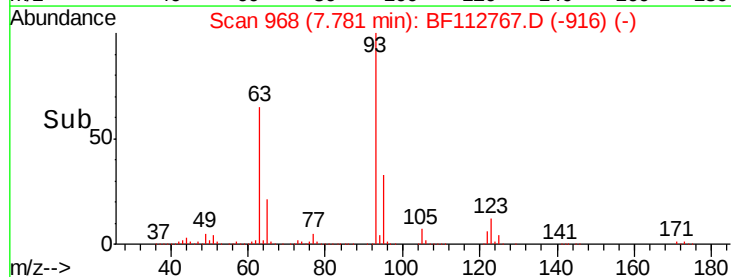
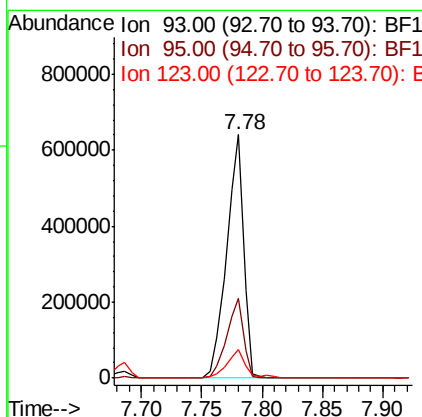
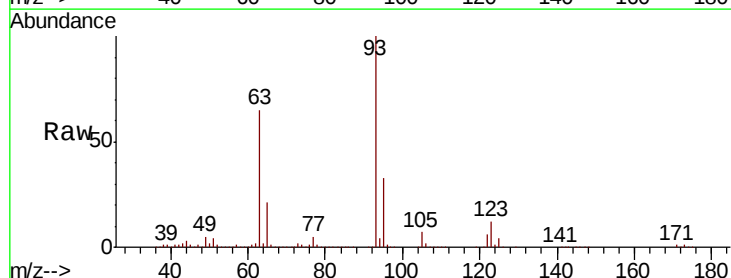
Manual Integrations
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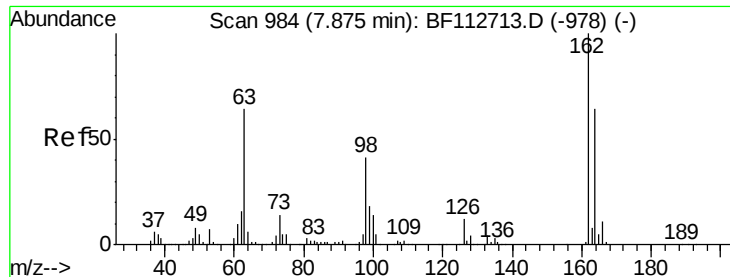
Sohil
 3/1/2019 3:00:09 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.135 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	624239		
95	32.7	26.0	39.0	
123	11.7	9.3	13.9	





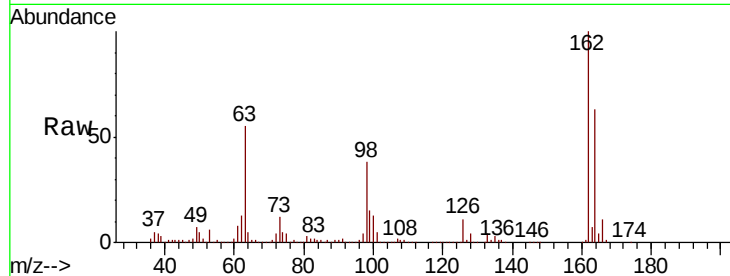
#29
2,4-Dichlorophenol
Concen: 40.364 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410037		
164	63.3	44.0	84.0	
98	37.6	20.7	60.7	

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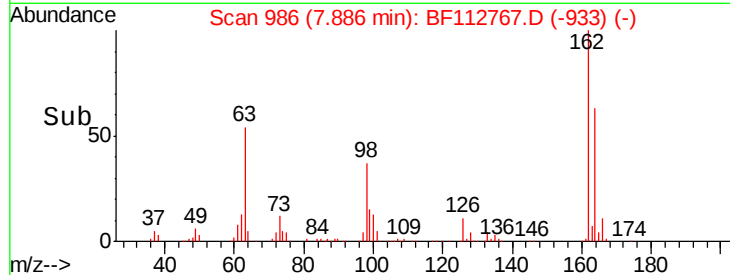
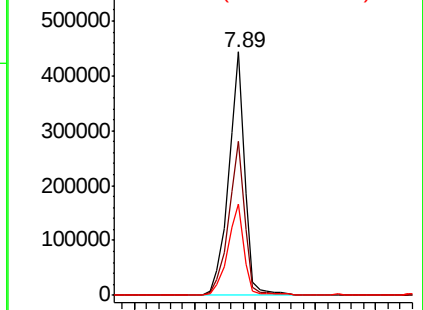


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.405 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

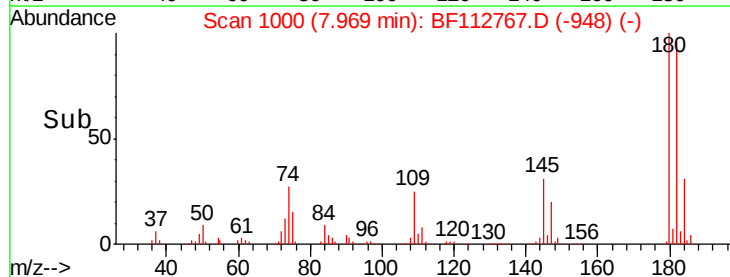
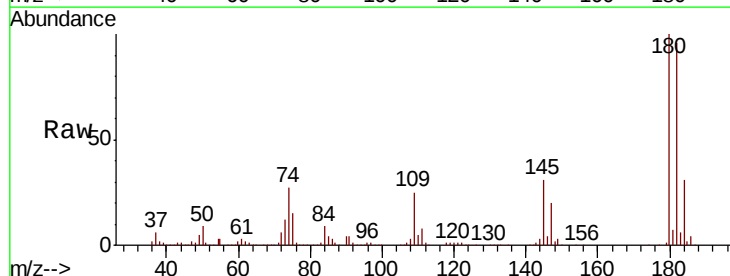
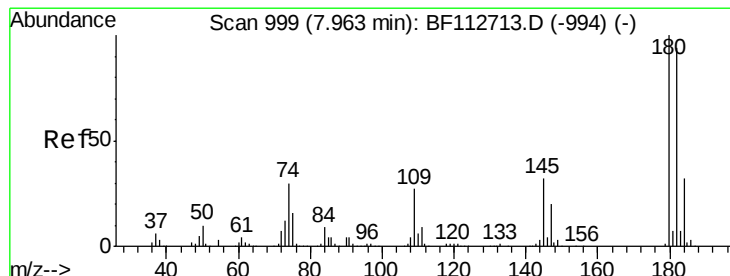
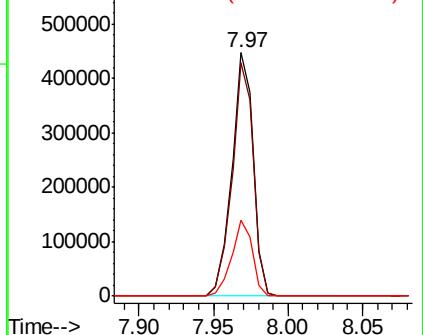
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	451939		
182	95.7	75.2	112.8	
145	31.1	25.4	38.0	

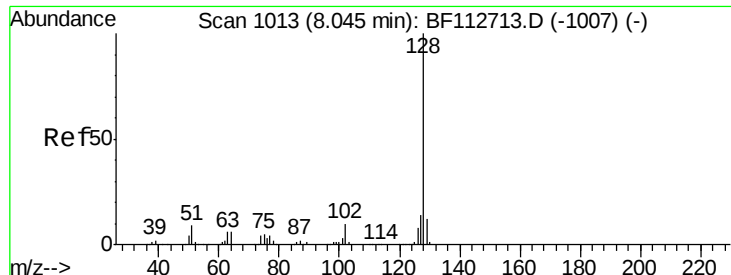
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





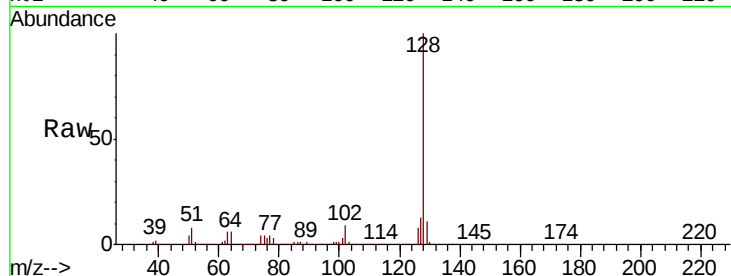
#31
Naphthalene
Concen: 39.903 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.5	10.9	16.3

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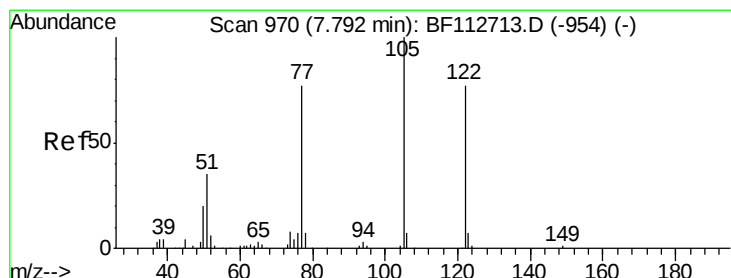
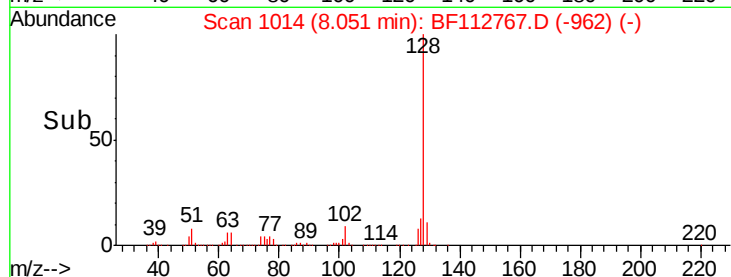
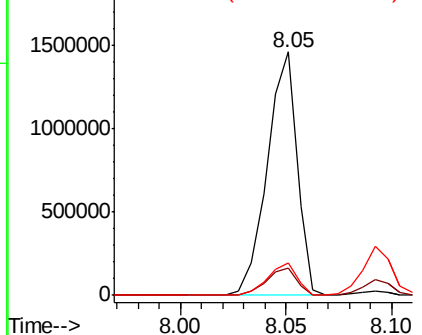


Abundance

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: 23.199 ng m
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

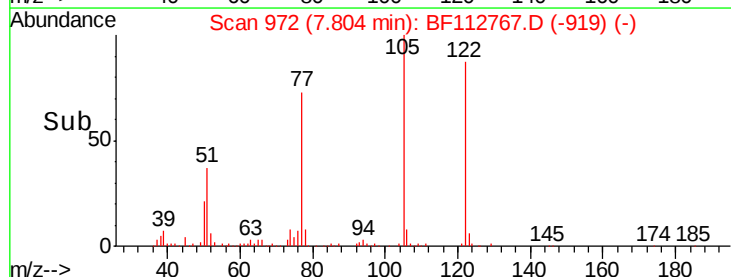
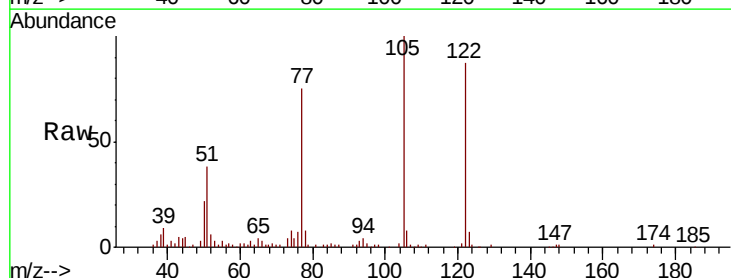
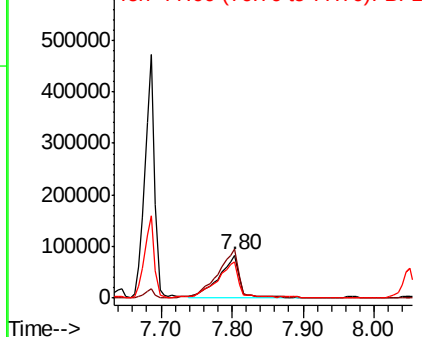
Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.3	106.8	146.8
77	86.0	79.4	119.4

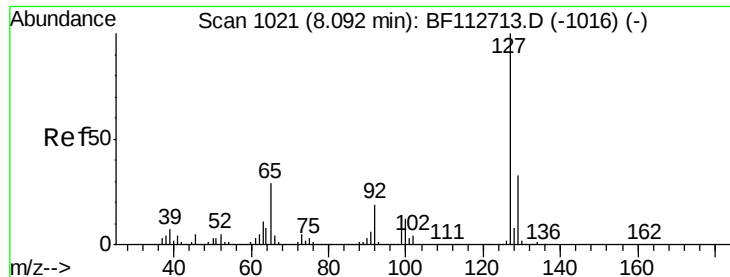
Abundance

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





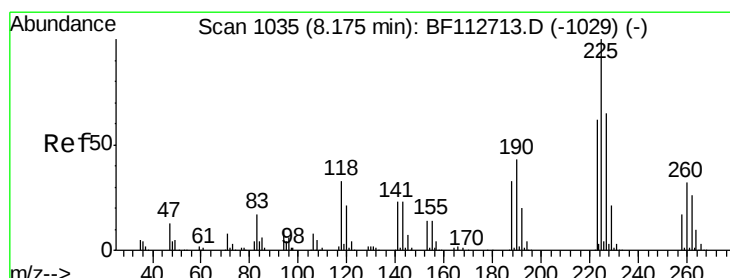
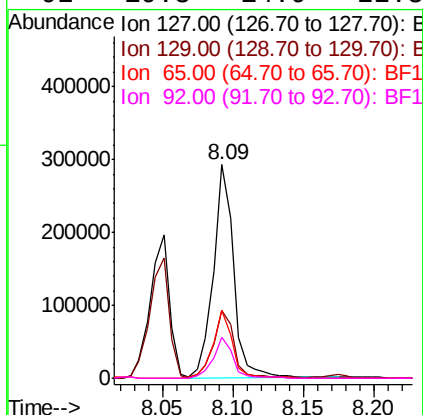
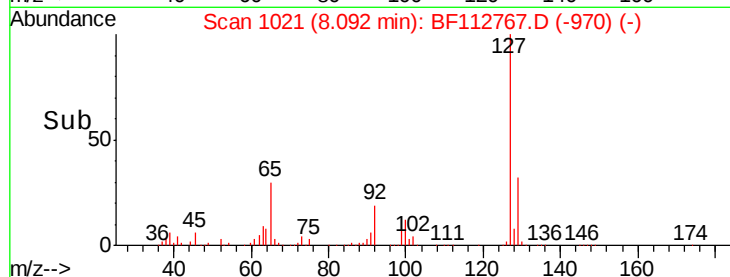
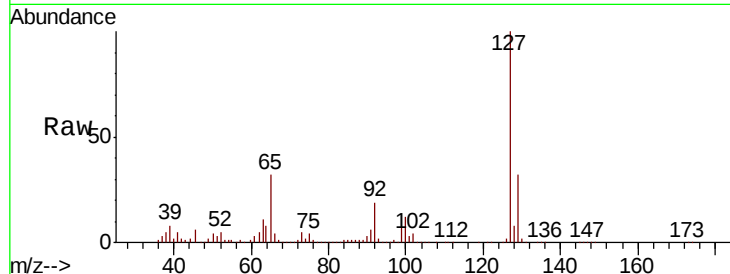
#33
4-Chloroaniline
Concen: 19.215 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		293832		
129	31.7	26.4	39.6		
65	31.5	23.1	34.7		
92	19.3	14.9	22.3		

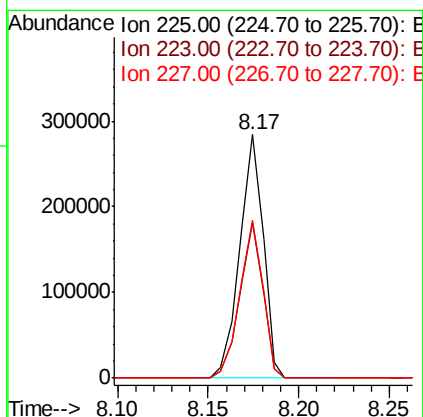
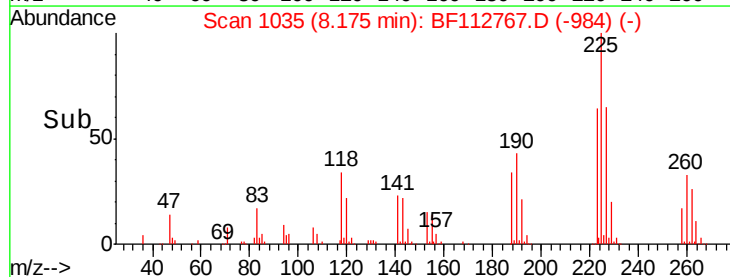
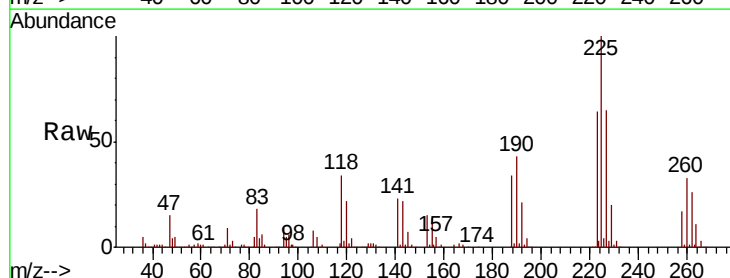
Manual Integrations
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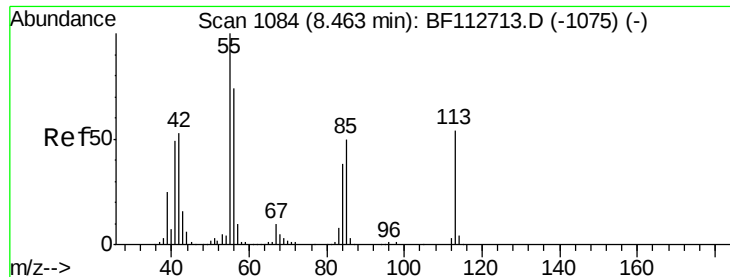
Sohil
3/1/2019 3:00:09 PM



#34
Hexachlorobutadiene
Concen: 41.614 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		256168		
223	64.0	49.7	74.5		
227	65.1	52.1	78.1		





#35

Caprolactam

Concen: 35.552 ng/ml

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

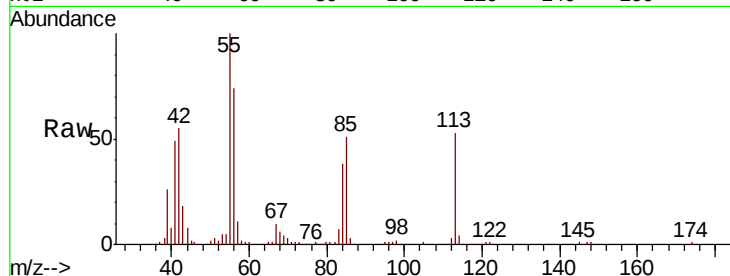
ClientSampleID :

PB117468BS

Tot Ion:	113	Resp:	127202
Ion Ratio	Lower	Upper	
113	100		
55	188.0	163.5	203.5
56	138.4	115.3	155.3

Manual Integrations
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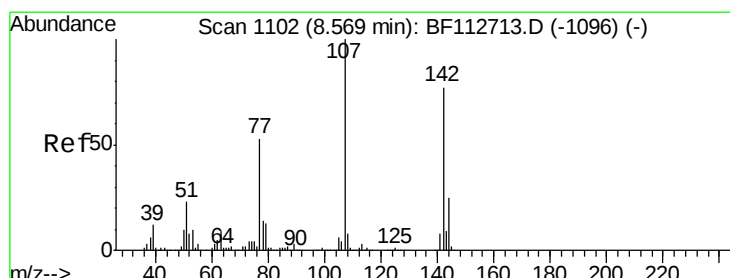
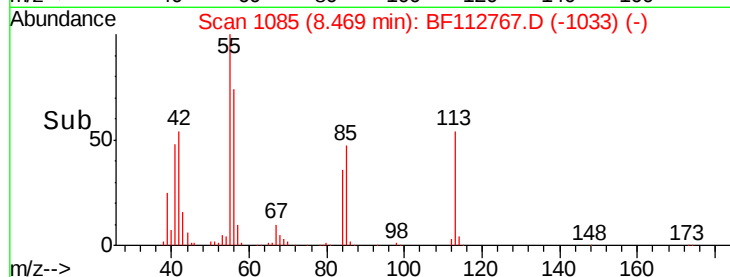
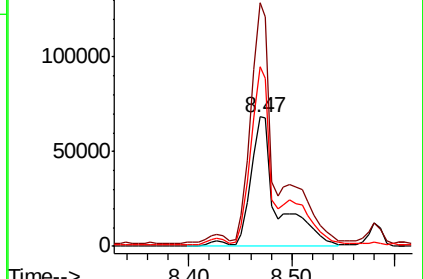
Sohil
3/1/2019 3:00:09 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.981 ng/ml

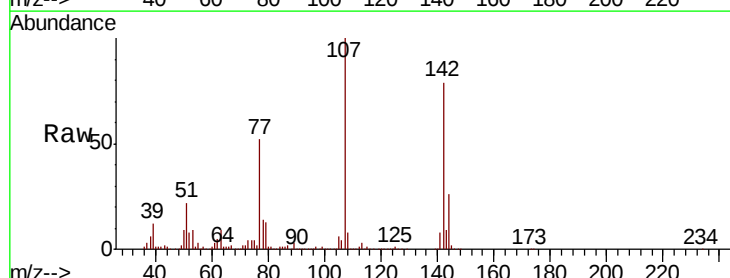
RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

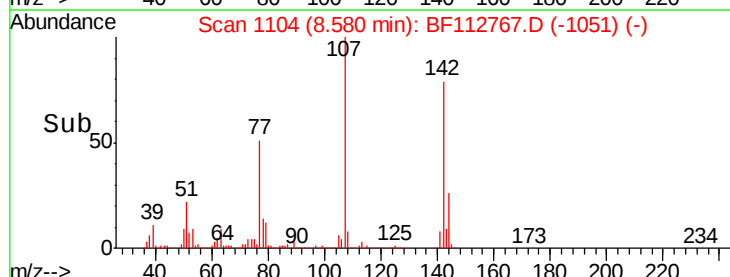
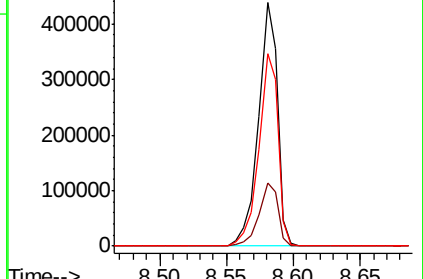
Tgt Ion:	107	Resp:	426990
Ion Ratio	Lower	Upper	
107	100		
144	26.1	20.1	30.1
142	79.3	61.9	92.9

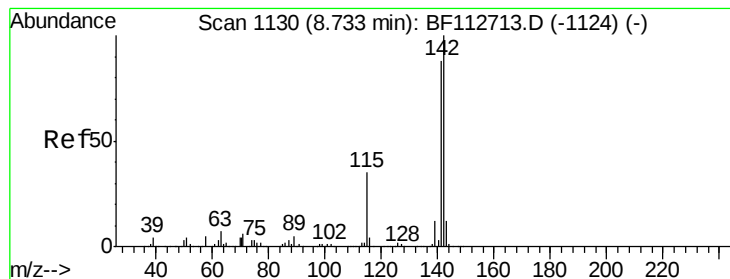


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





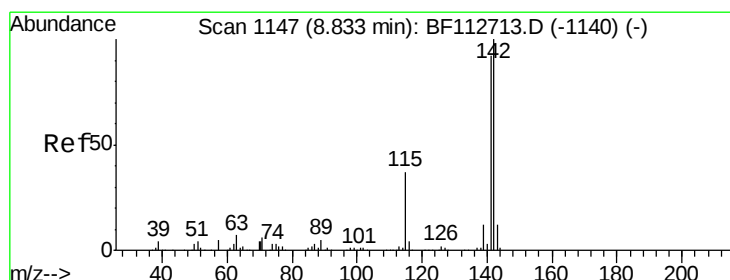
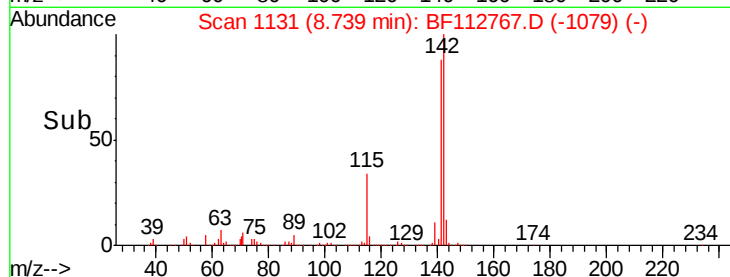
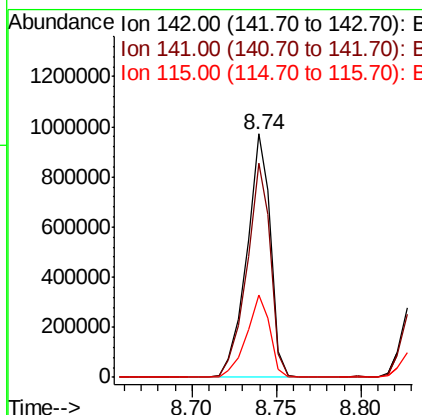
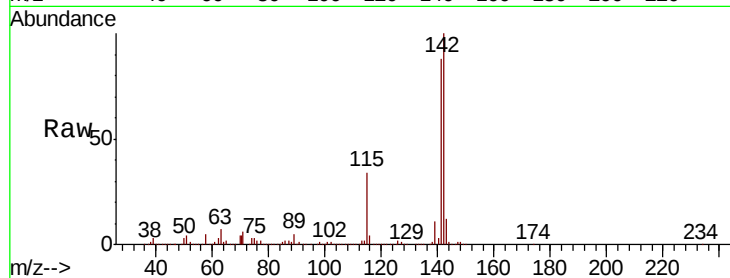
#37
2-Methylnaphthalene
Concen: 40.906 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	34.0	27.8	41.6

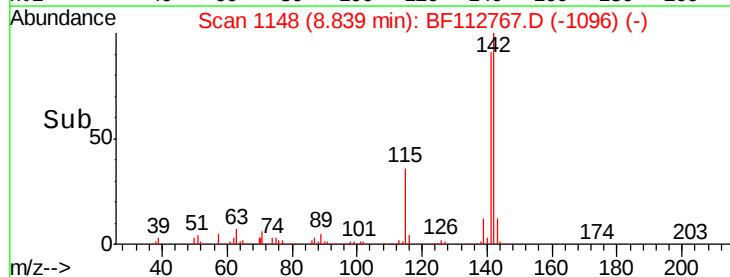
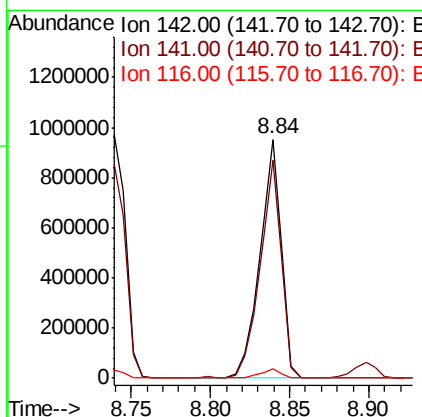
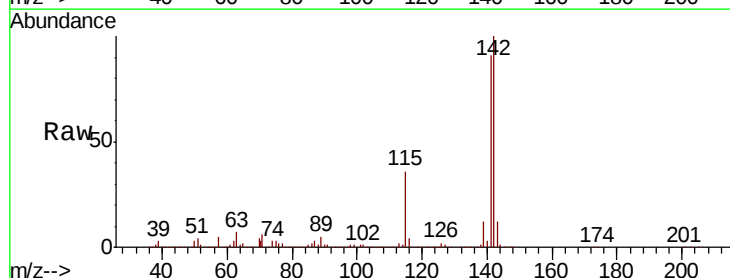
Manual Integrations
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3/1/2019 3:00:09 PM



#38
1-Methylnaphthalene
Concen: 39.723 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
116	3.7	3.1	4.7





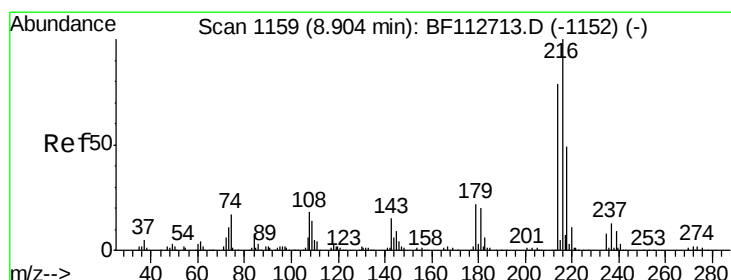
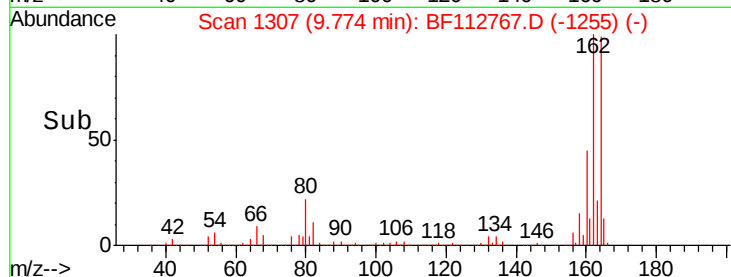
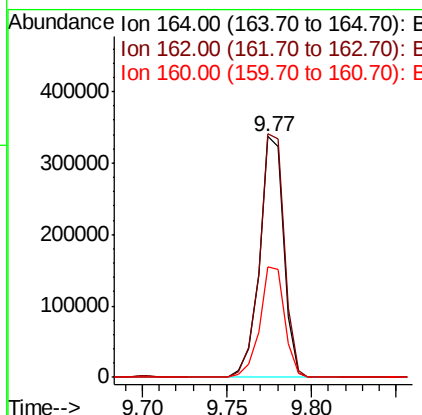
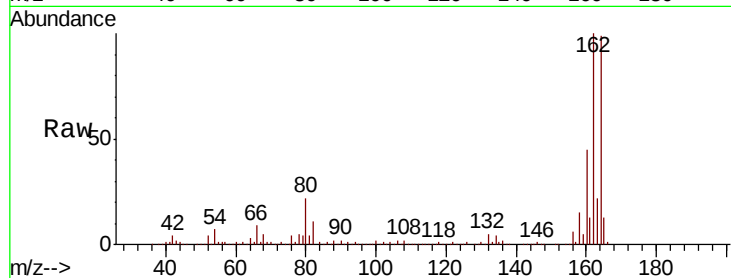
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	80.6	120.8	
160	45.9	36.0	54.0	

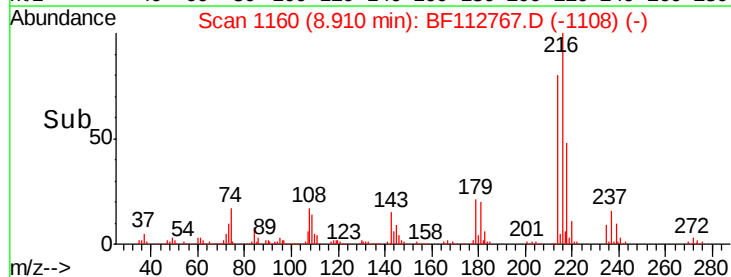
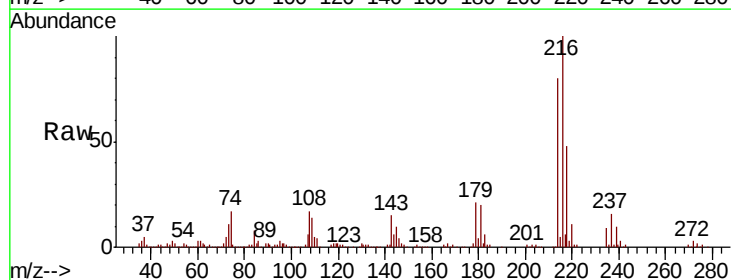
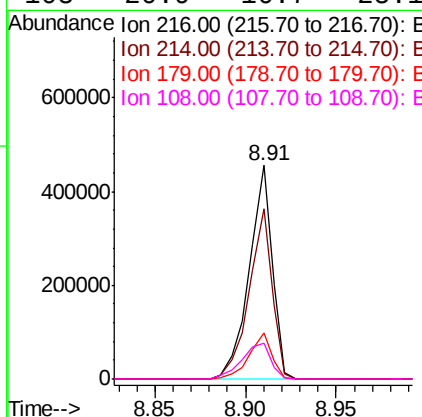
Manual Integrations
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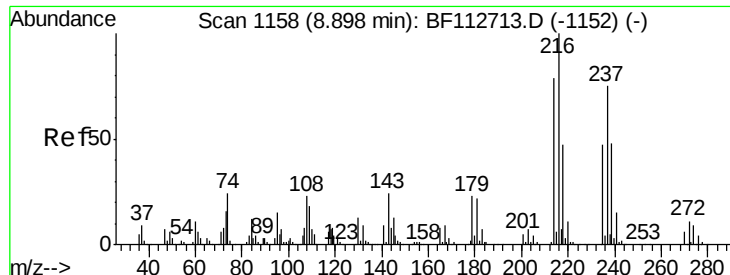
Sohil
3/1/2019 3:00:09 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.601 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.2	94.8	
179	20.9	17.5	26.3	
108	20.9	16.7	25.1	





#41

Hexachlorocyclopentadiene

Concen: 92.499 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

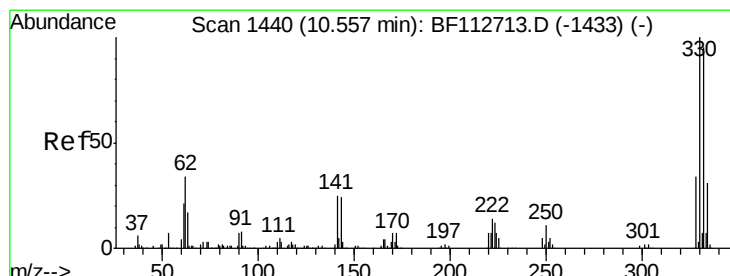
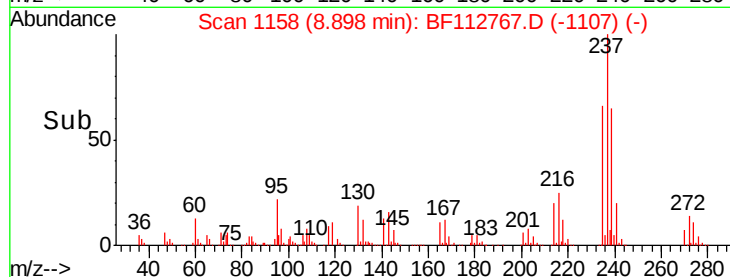
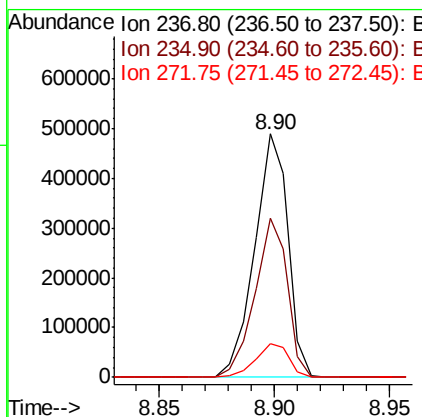
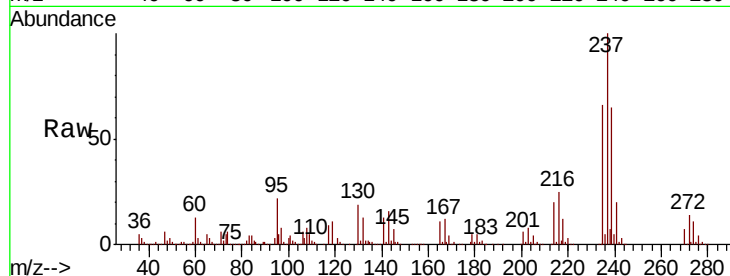
ClientSampleId :

PB117468BS

Tot Ion:	237	Resp:	492876
Ion Ratio	Lower	Upper	
237	100		
235	65.5	42.2	82.2
272	14.0	0.0	34.0

Manual Integrations
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3/1/2019 3:00:09 PM



#42

2,4,6-Tribromophenol

Concen: 135.664 ng

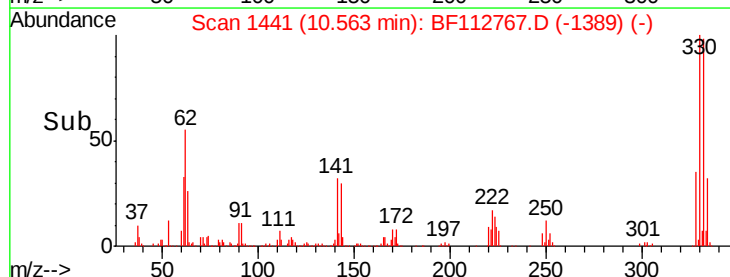
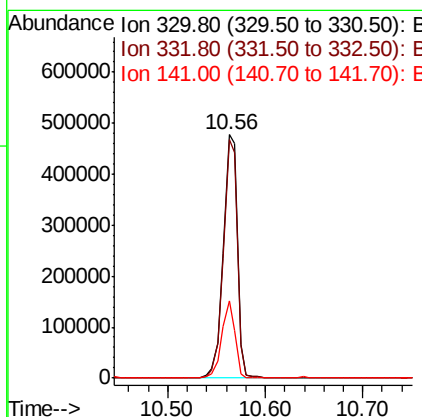
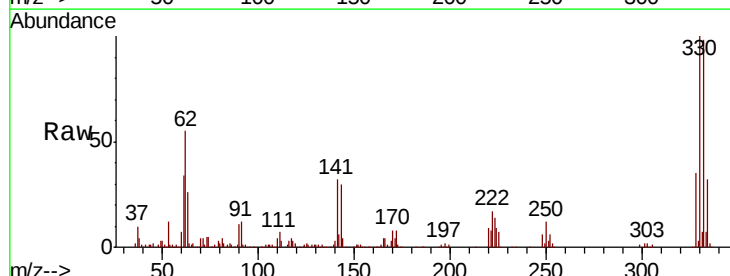
RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion:	330	Resp:	480585
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.2	114.4
141	29.8	27.0	40.6





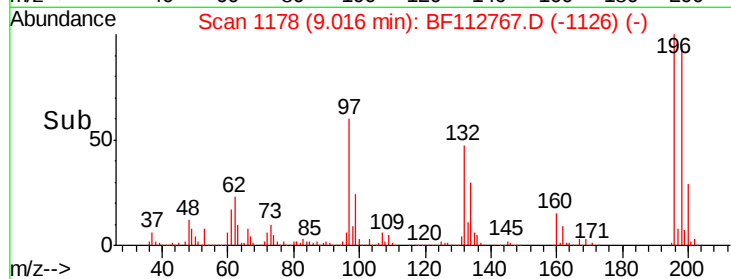
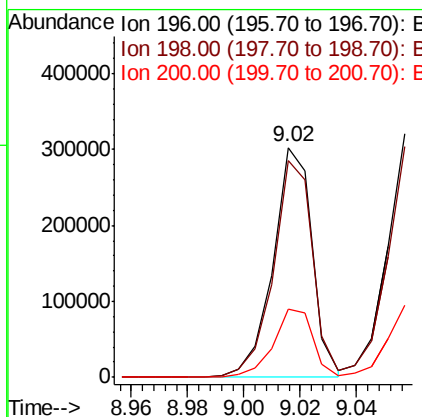
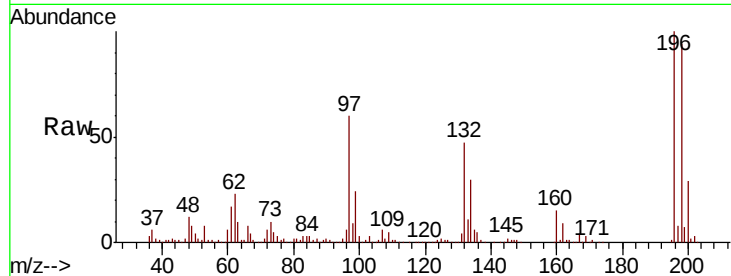
#43
 2,4,6-Trichlorophenol
 Concen: 43.404 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Instrument :
 BNA_F
 ClientSampleID :
 PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	290670		
198	94.4	75.8	113.8	
200	29.5	24.3	36.5	

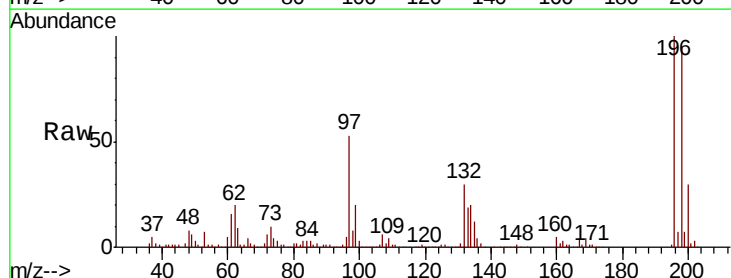
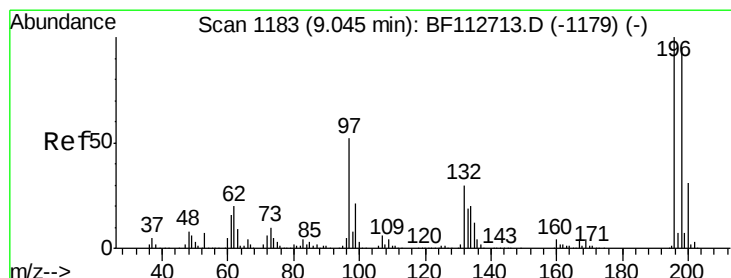
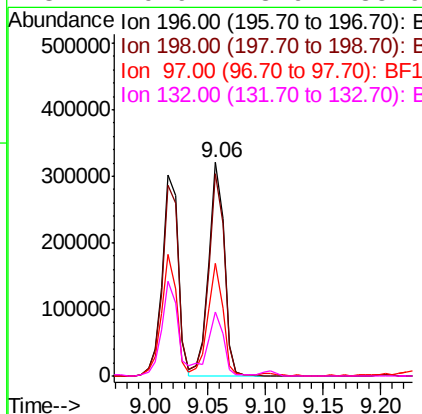
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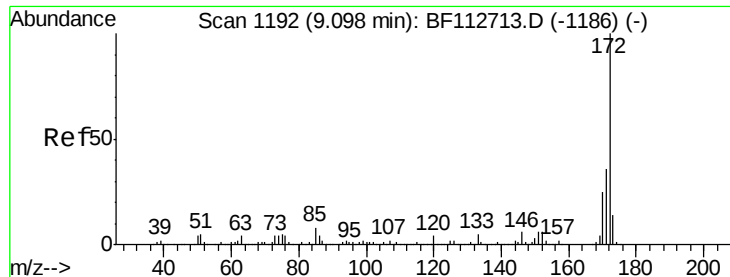
Sohil
 3/1/2019 3:00:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.788 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302484		
198	94.7	76.2	114.2	
97	53.0	41.5	62.3	
132	29.9	23.9	35.9	





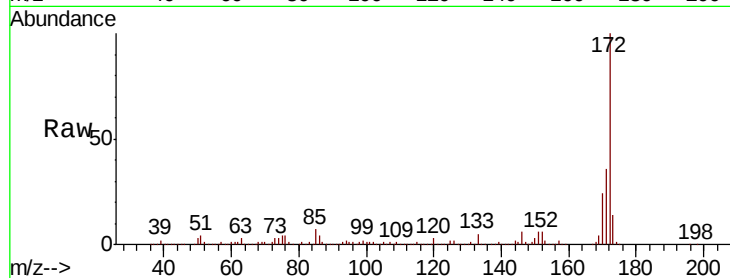
#45
2-Fluorobiphenyl
Concen: 90.565 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.4	20.0	30.0

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3/1/2019 3:00:09 PM

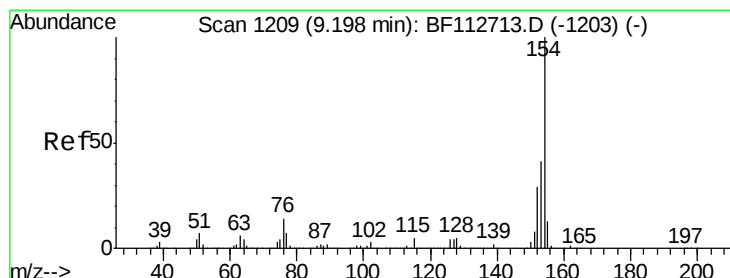
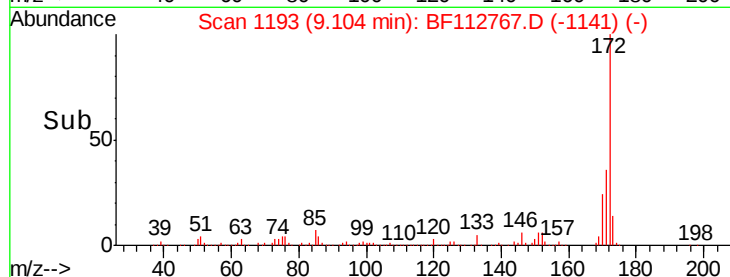
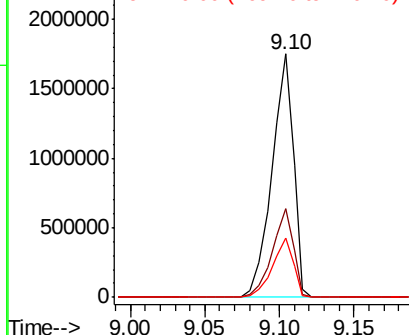


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.216 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

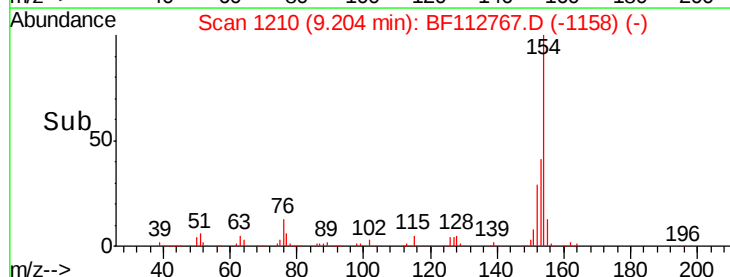
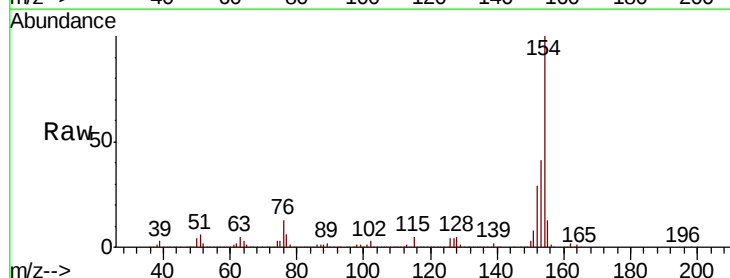
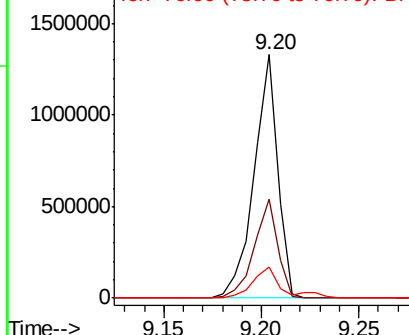
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	12.9	0.0	33.8

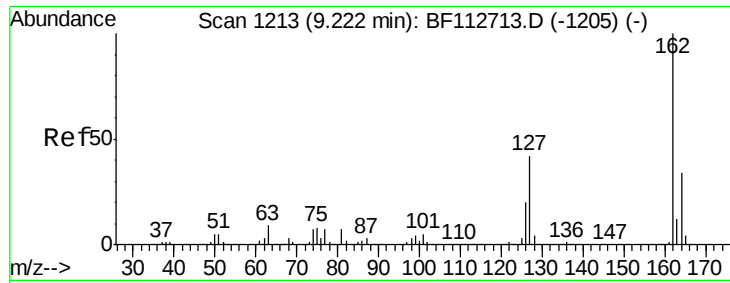
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





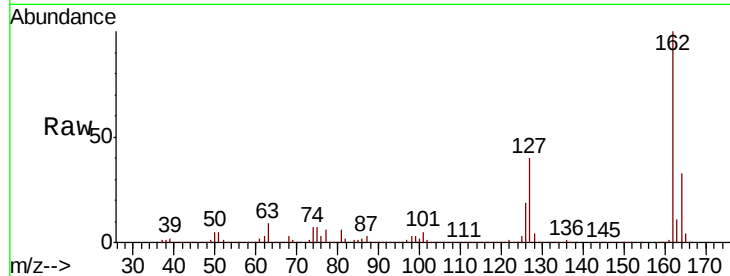
#47
2-Chloronaphthalene
Concen: 40.851 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.4	50.2
164	33.2	26.9	40.3

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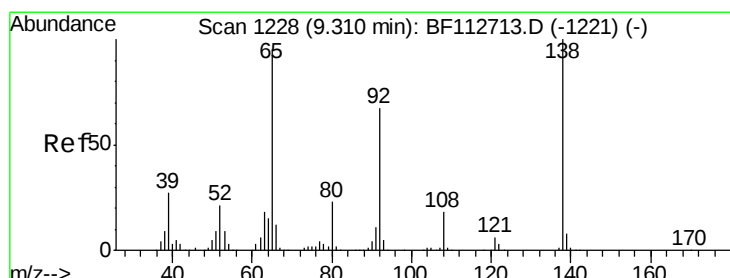
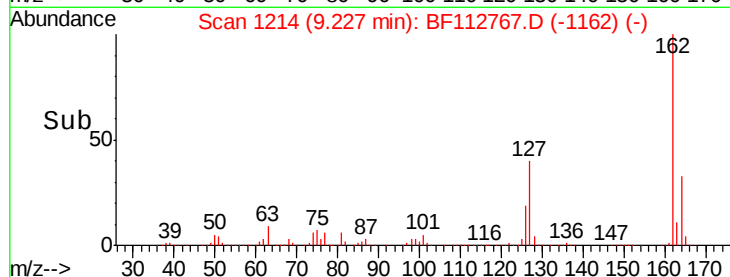
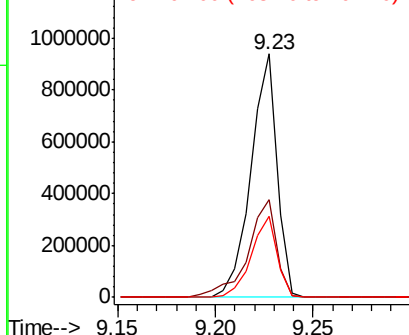


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.894 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

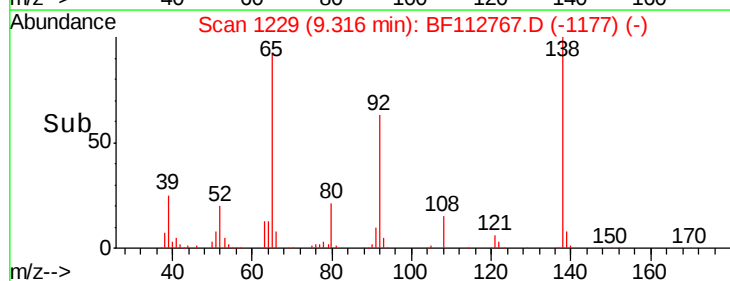
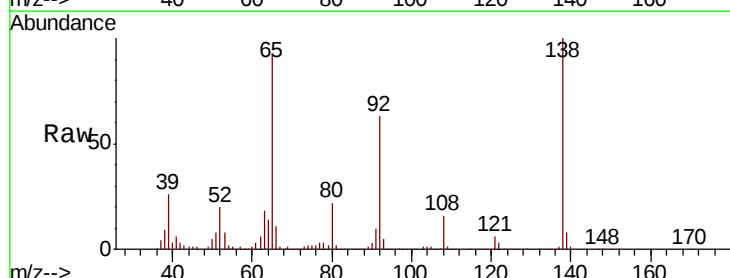
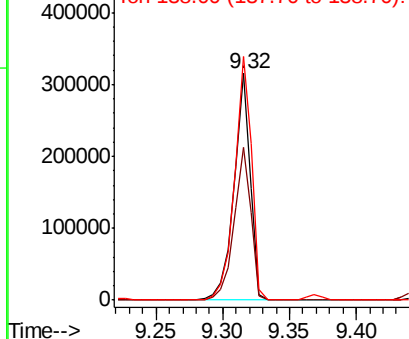
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	56.4	84.6
138	107.4	84.6	126.8

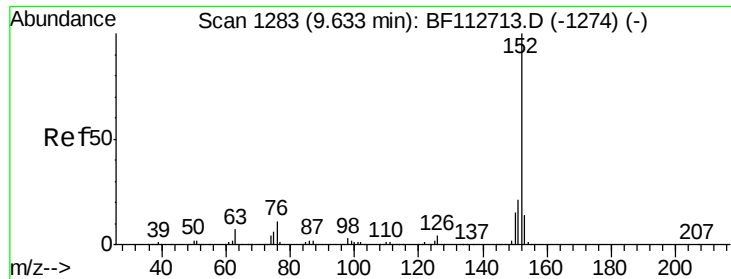
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





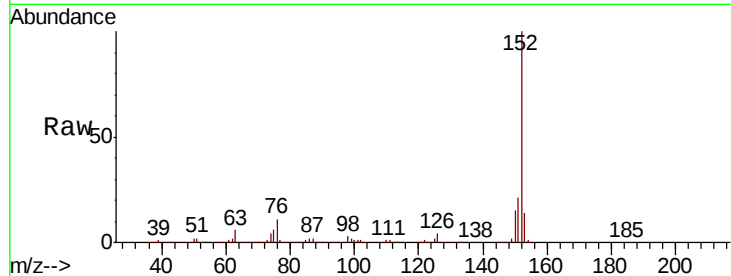
#49
Acenaphthylene
Concen: 38.634 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.7	16.9	25.3	
153	13.8	11.0	16.6	

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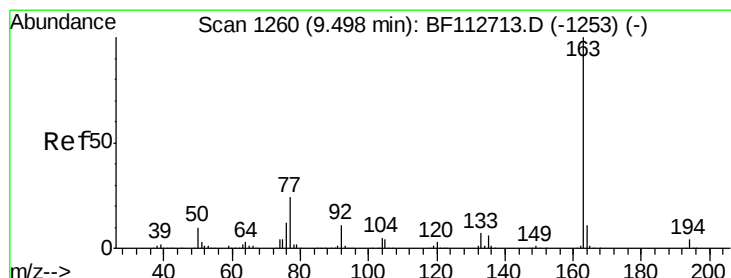
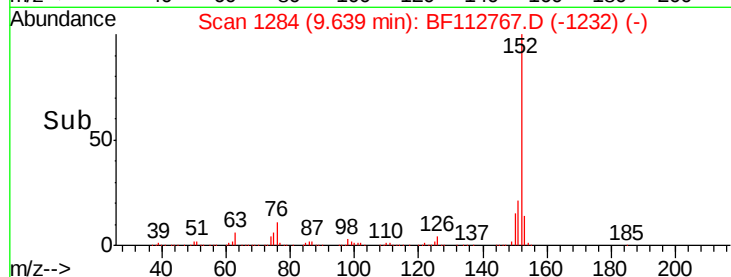
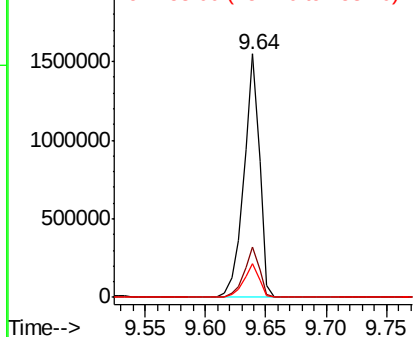


Abundance

Ion 152.00 (151.70 to 152.70): E

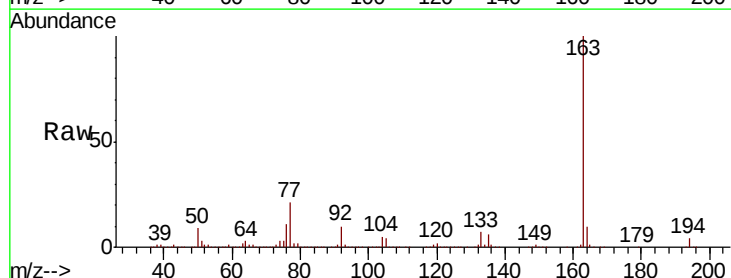
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 39.512 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.9	3.0	4.4	
164	10.1	8.4	12.6	

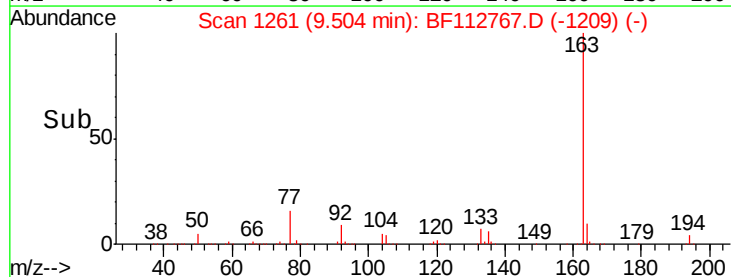
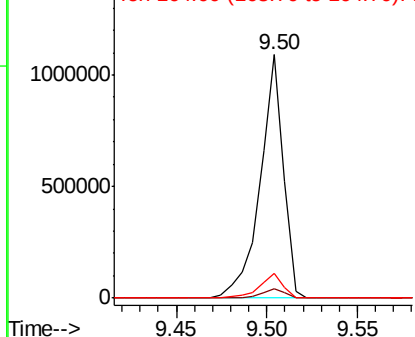


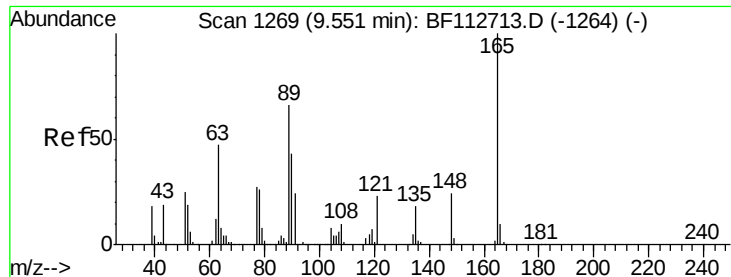
Abundance

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





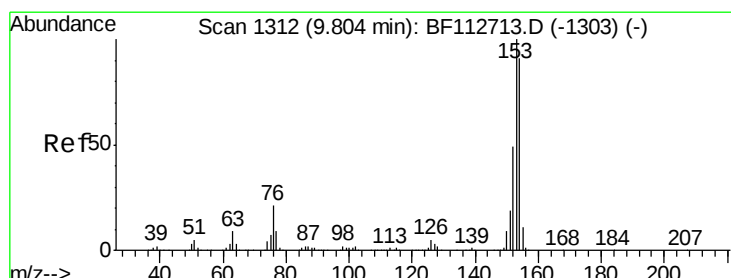
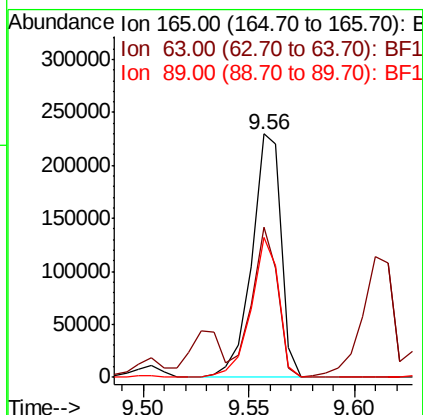
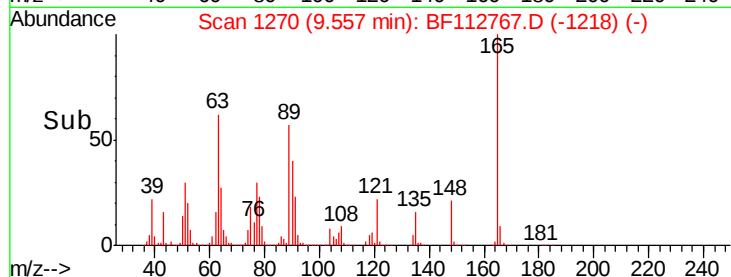
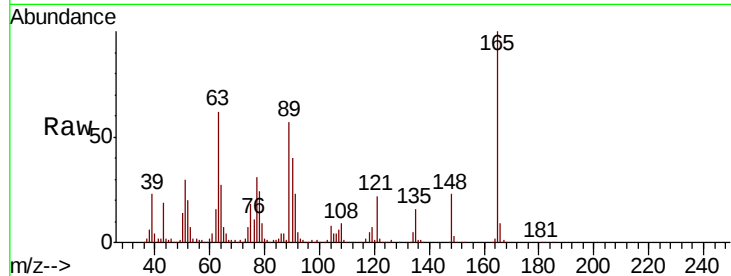
#51
2,6-Dinitrotoluene
Concen: 43.275 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	221723		
63	61.9	54.1	81.1	
89	57.4	52.8	79.2	

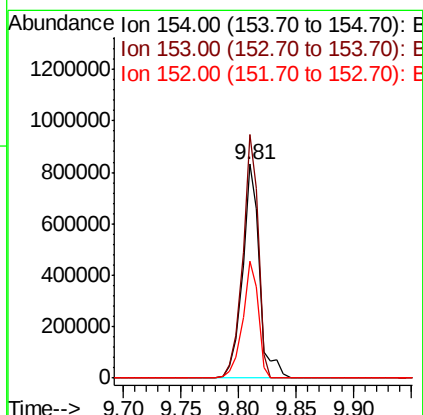
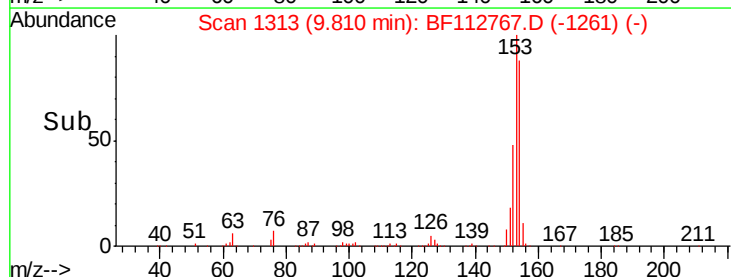
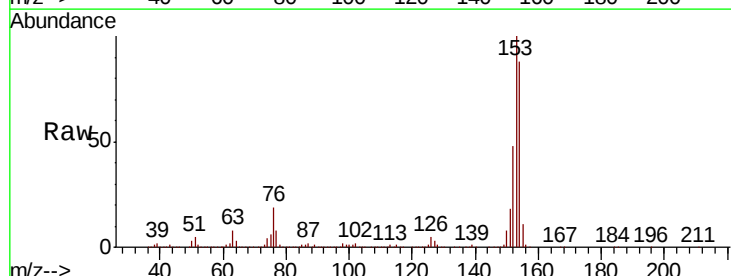
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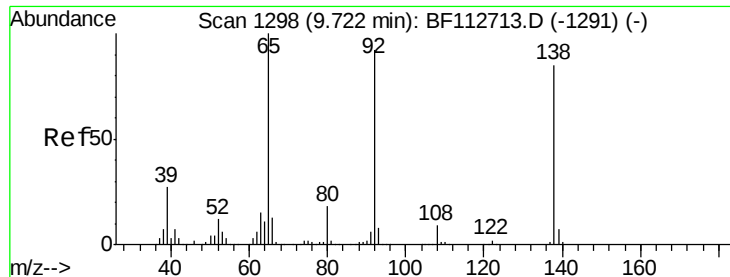
Sohil
3/1/2019 3:00:09 PM



#52
Acenaphthene
Concen: 40.052 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	845039		
153	113.9	87.8	131.8	
152	54.5	43.0	64.6	





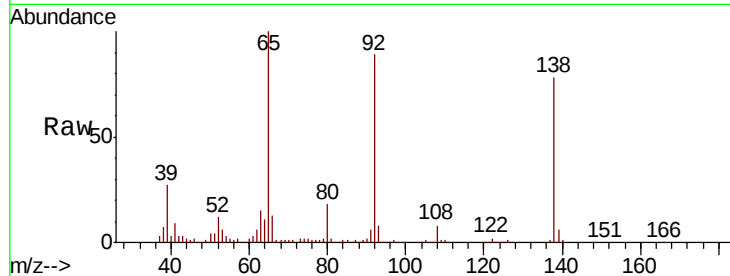
#53
3-Nitroaniline
Concen: 26.192 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	13.0
92	115.2	86.6	129.8

Manual Integrations
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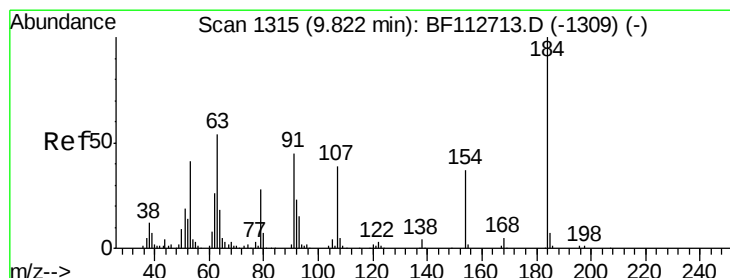
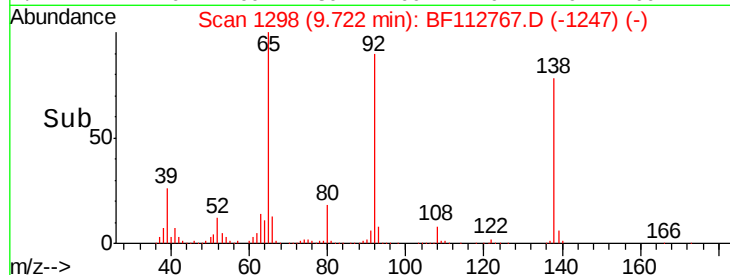
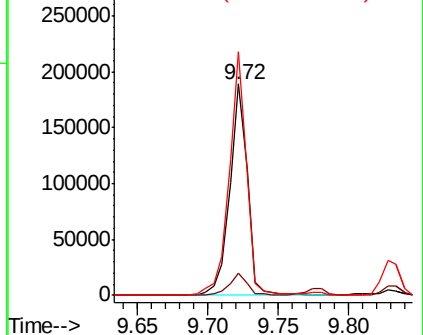


Abundance

Ion 138.00 (137.70 to 138.70): E

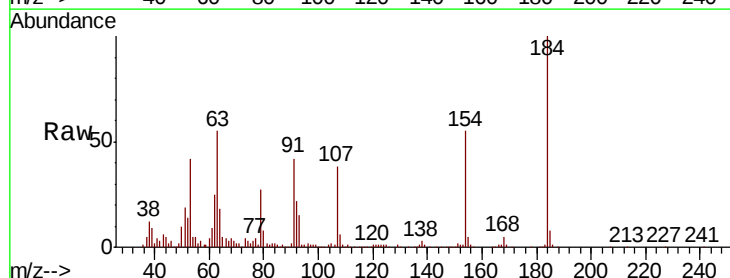
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 54.387 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.7	45.3	67.9
154	55.0	46.0	69.0

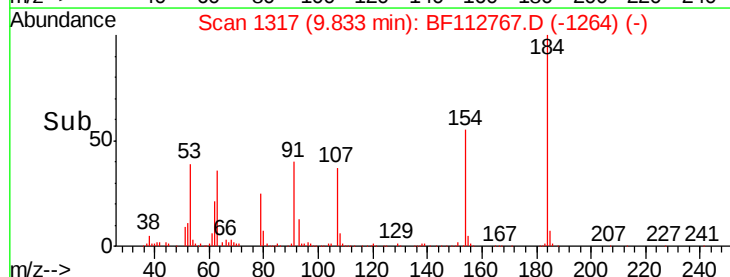
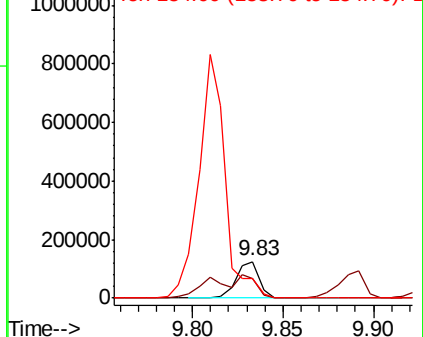


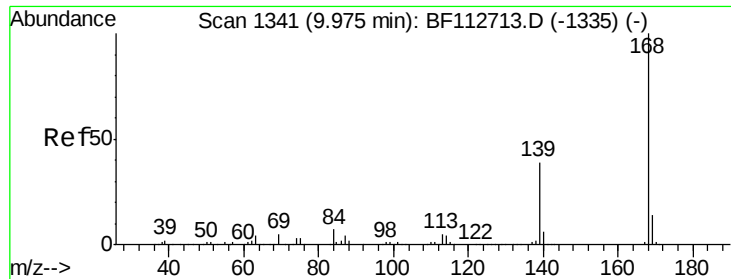
Abundance

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





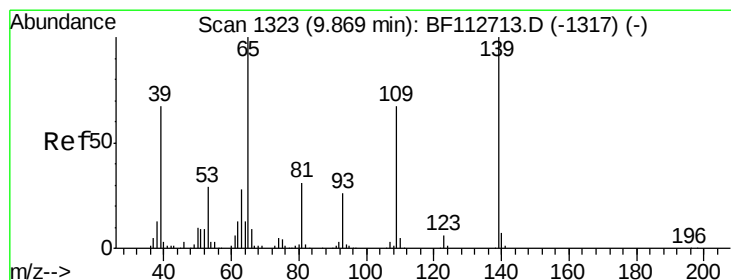
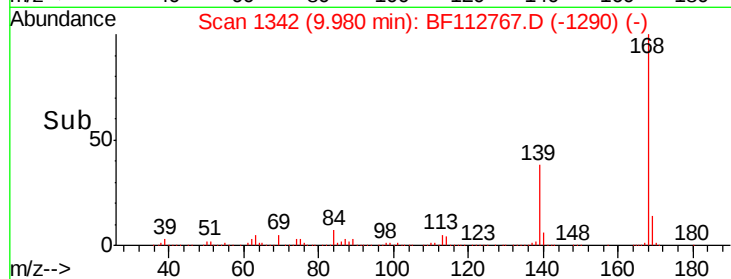
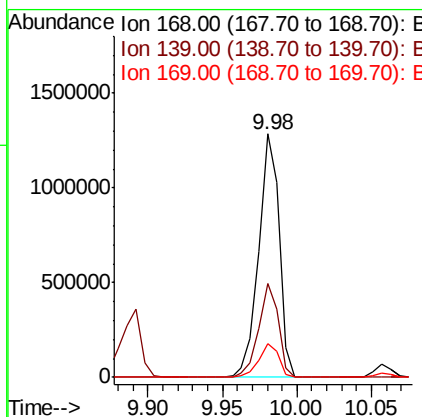
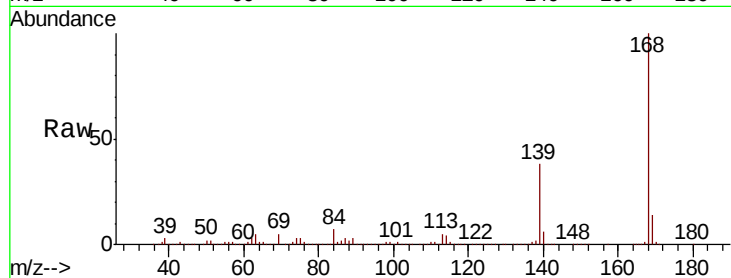
#55
Dibenzofuran
Concen: 39.237 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.3	46.9
169	13.9	11.3	16.9

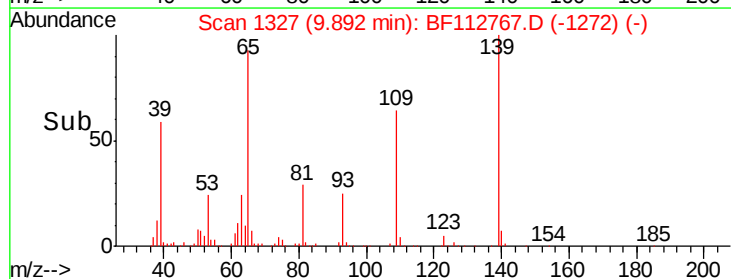
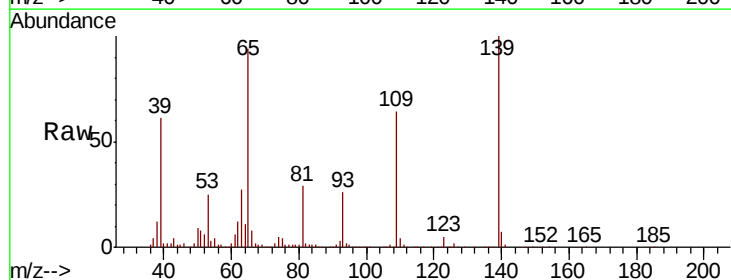
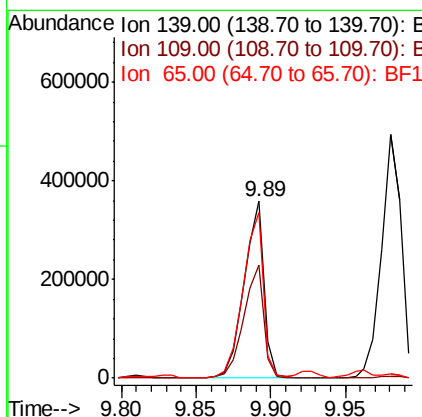
Manual Integrations
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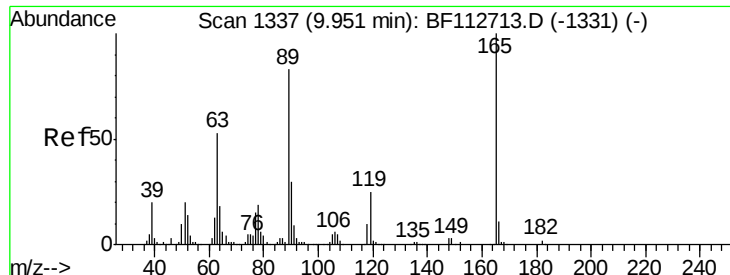
Sohil
3/1/2019 3:00:09 PM



#56
4-Nitrophenol
Concen: 65.322 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.1	46.8	86.8
65	93.7	80.7	120.7





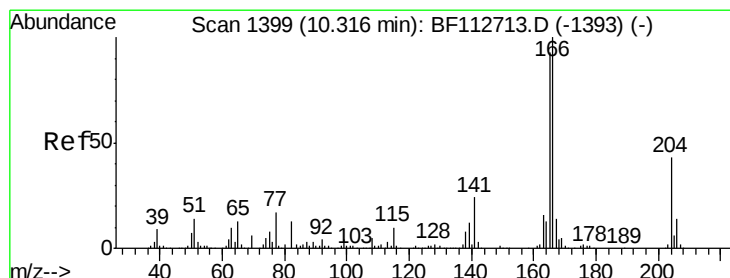
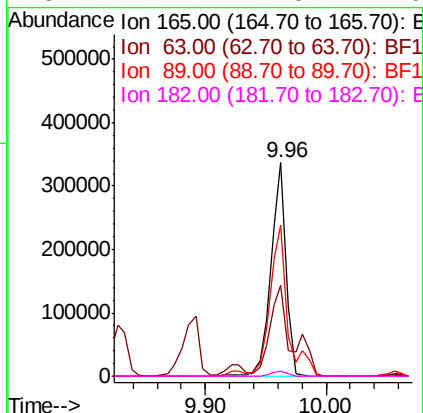
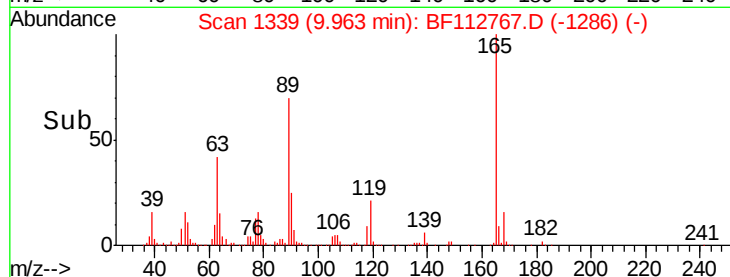
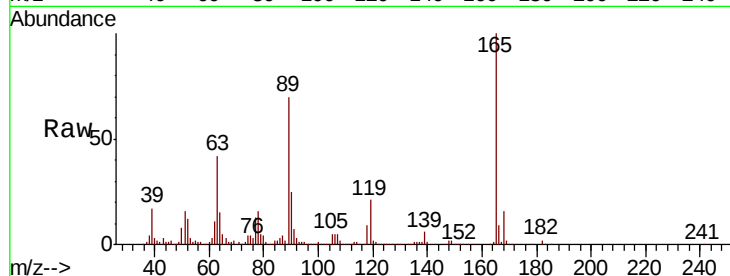
#57
 2,4-Dinitrotoluene
 Concen: 45.459 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Instrument :
 BNA_F
 ClientSampled :
 PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	289518		
63	42.5		42.2	63.2
89	70.4		66.2	99.4
182	2.4		1.8	2.6

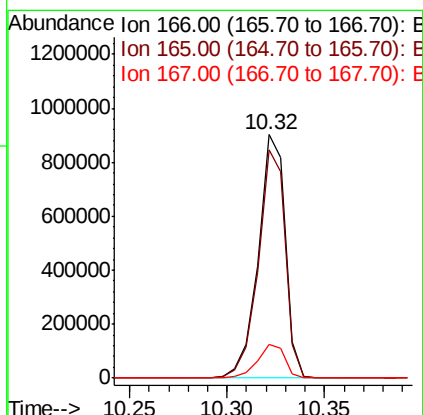
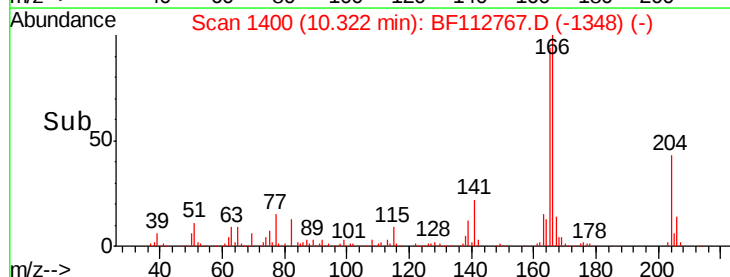
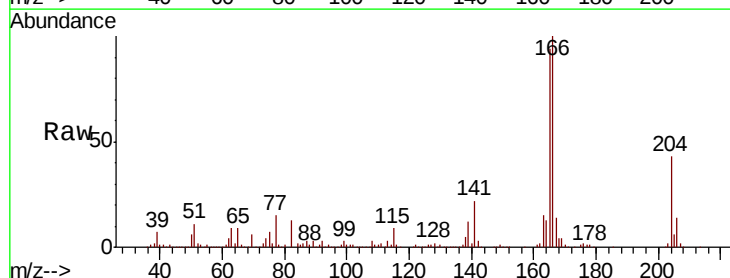
Manual Integrations
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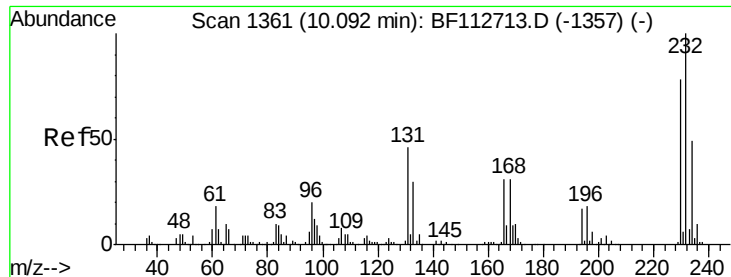
Sohil
 3/1/2019 3:00:09 PM



#58
 Fluorene
 Concen: 39.570 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	861218		
165	93.5		74.7	112.1
167	14.1		11.0	16.6





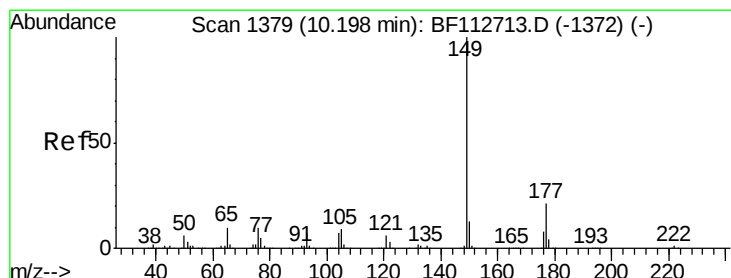
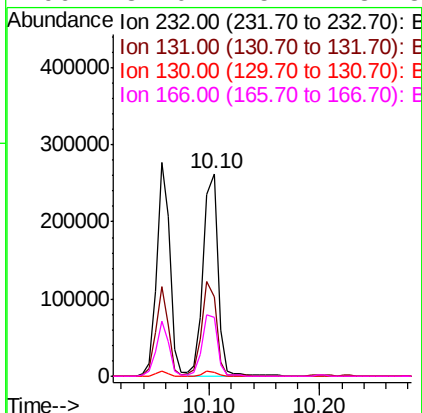
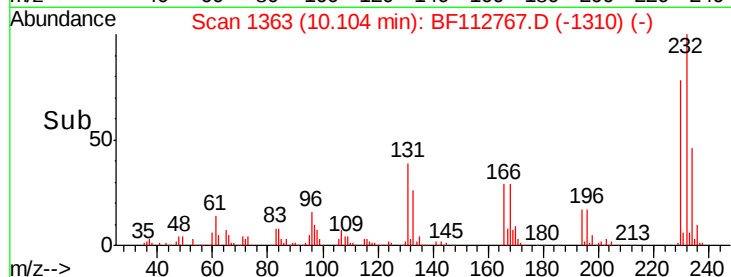
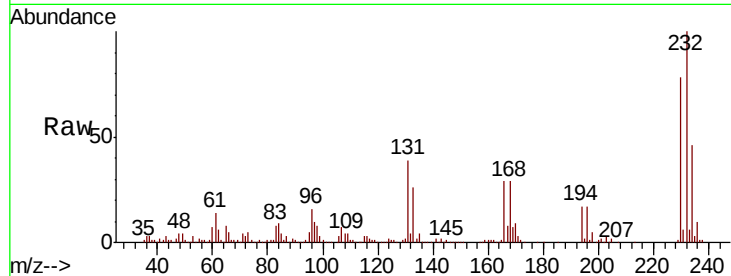
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.114 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	235885		
131	47.0		38.7	58.1
130	2.4		1.9	2.9
166	31.0		25.2	37.8

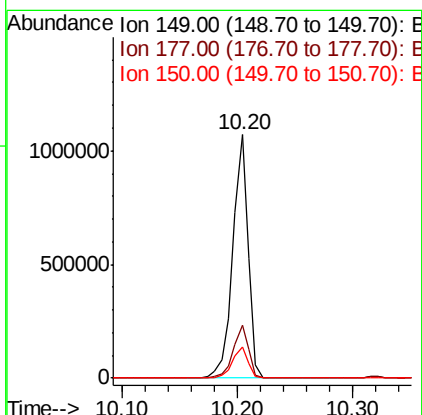
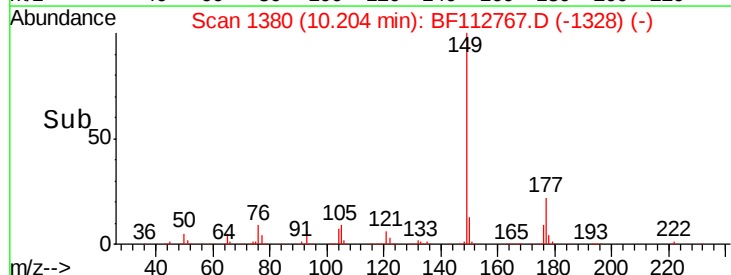
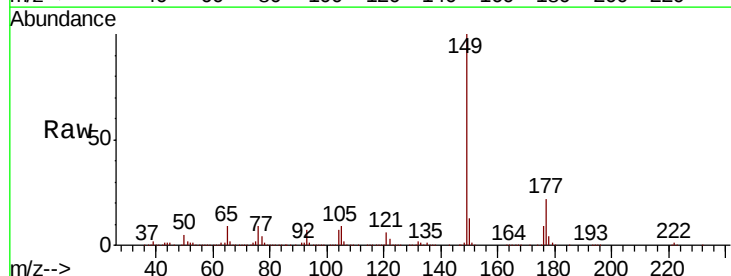
Manual Integrations
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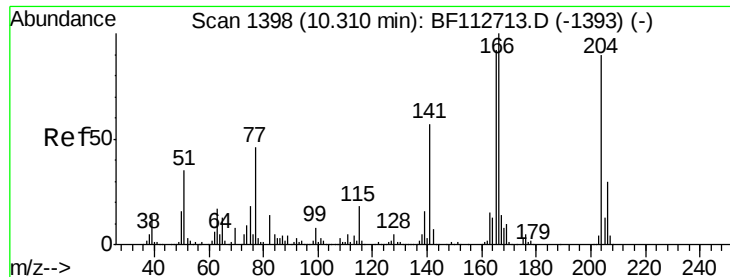
Sohil
3/1/2019 3:00:09 PM



#60
Diethylphthalate
Concen: 37.680 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	979143		
177	21.7		17.0	25.6
150	12.5		10.0	15.0





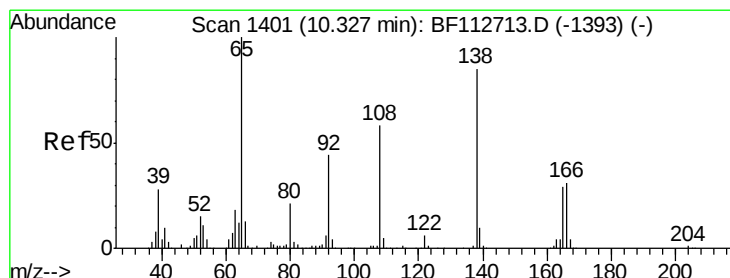
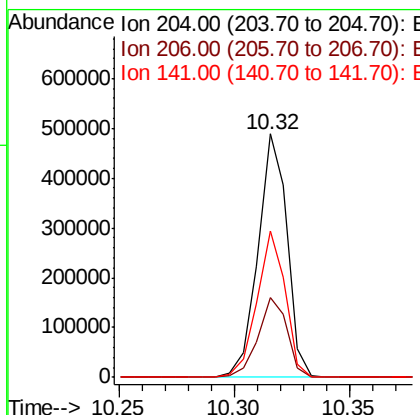
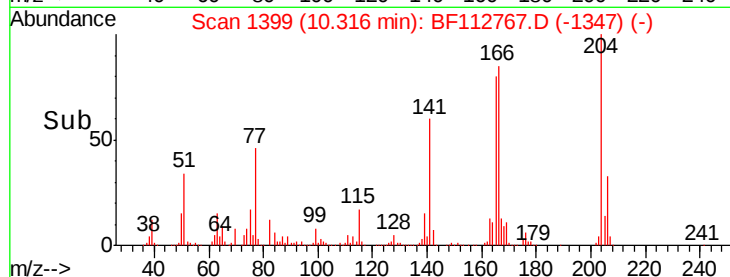
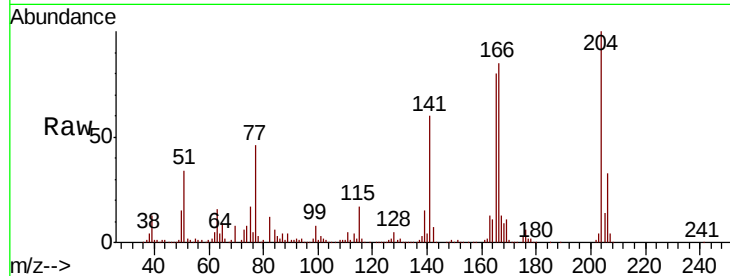
#61
4-Chlorophenyl-phenylether
Concen: 42.364 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampled :
PB117468BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	60.0	50.8	76.2

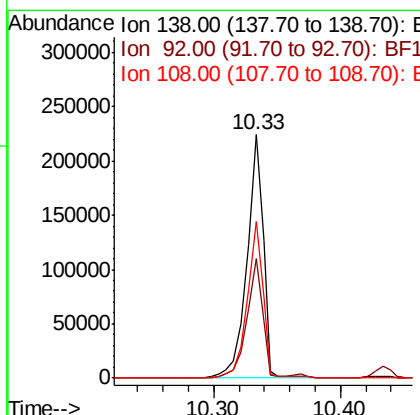
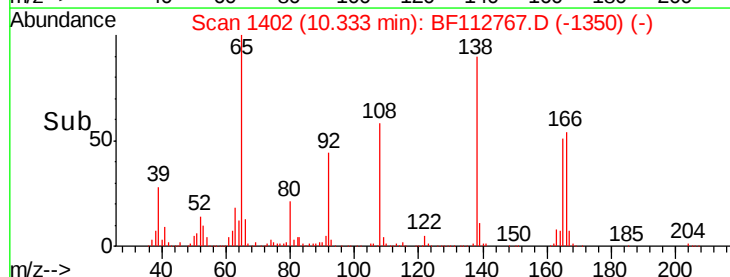
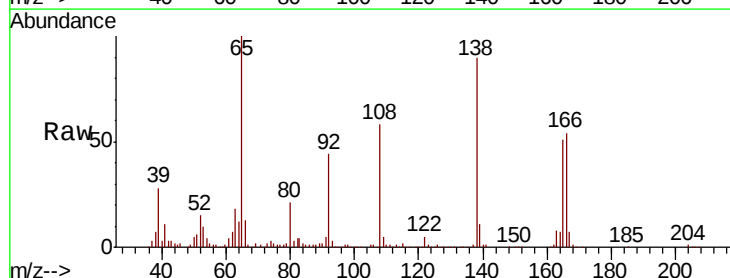
Manual Integrations
APPROVED

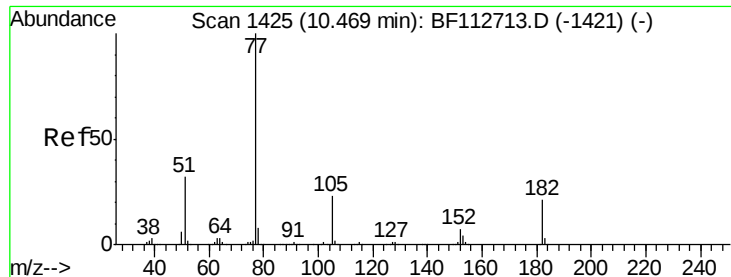
Sohil
3/1/2019 3:00:09 PM



#62
4-Nitroaniline
Concen: 34.791 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.3	71.3
108	64.3	48.1	88.1





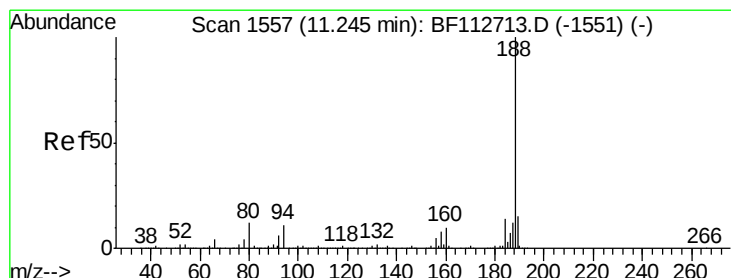
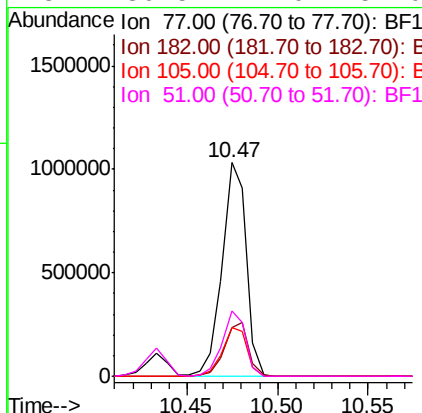
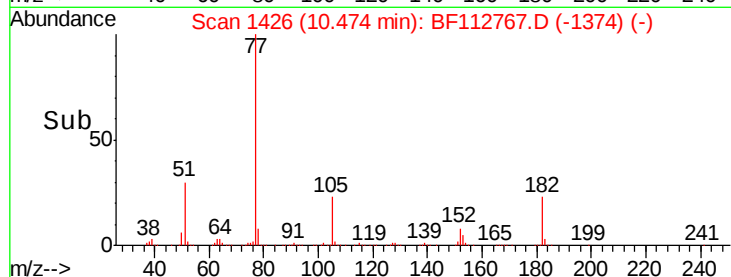
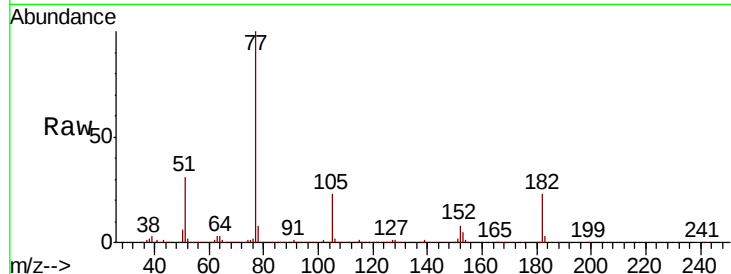
#63
Azobenzene
Concen: 35.822 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.4	41.4
105	22.8	2.6	42.6
51	30.5	12.0	52.0

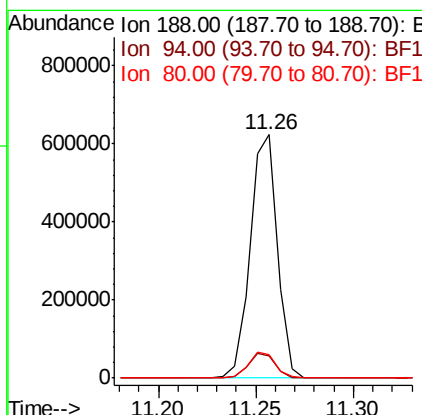
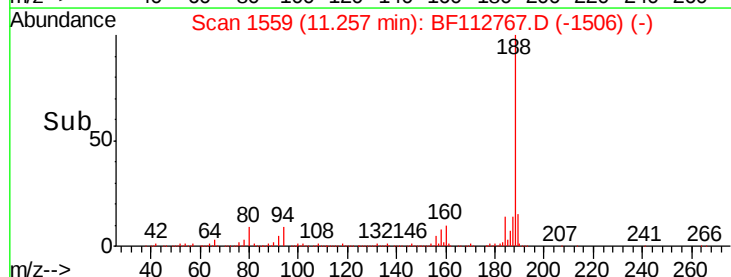
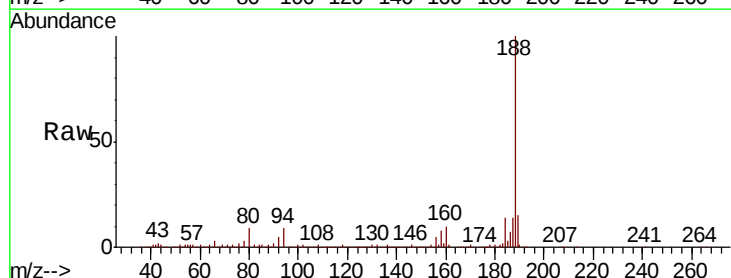
Manual Integrations
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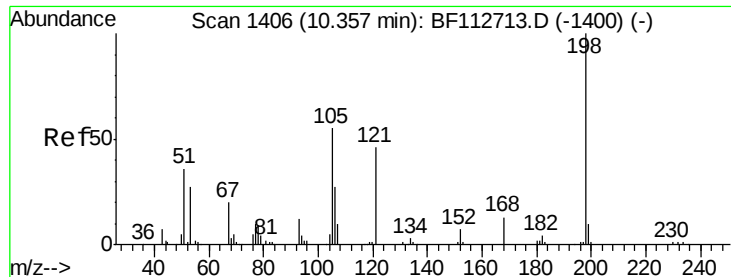
Sohil
3/1/2019 3:00:09 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.5	9.2	13.8





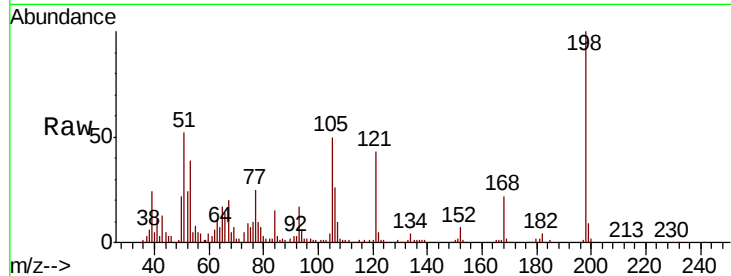
#65
4,6-Dinitro-2-methylphenol
Concen: 38.246 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampled :
PB117468BS

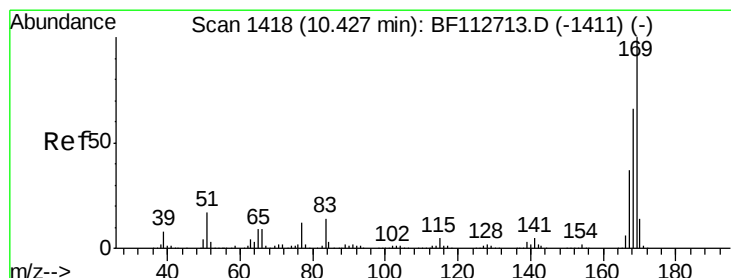
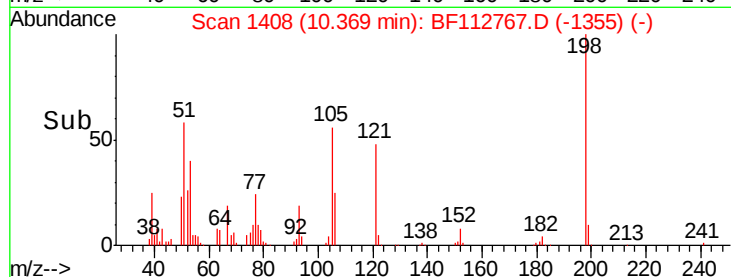
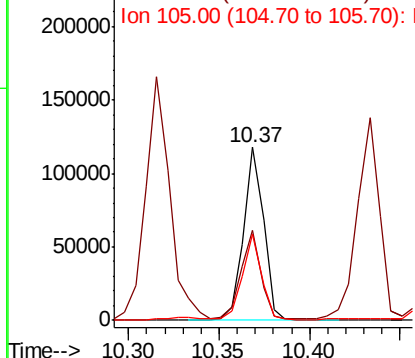
Tot Ion	Ratio	Lower	Upper
198	100		
51	51.8	43.8	83.8
105	49.6	36.5	76.5

Manual Integrations
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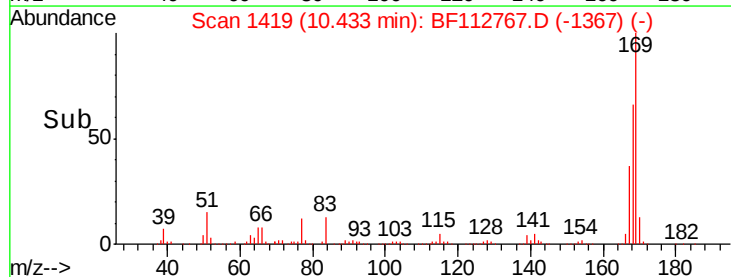
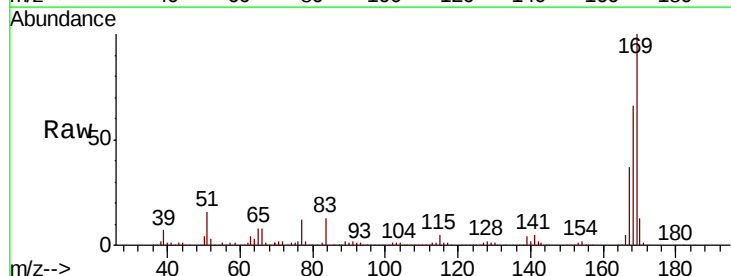
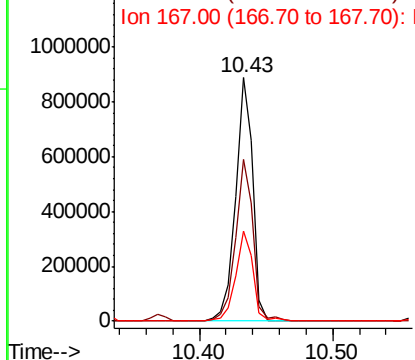
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 41.610 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.6
167	36.9	29.3	43.9

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





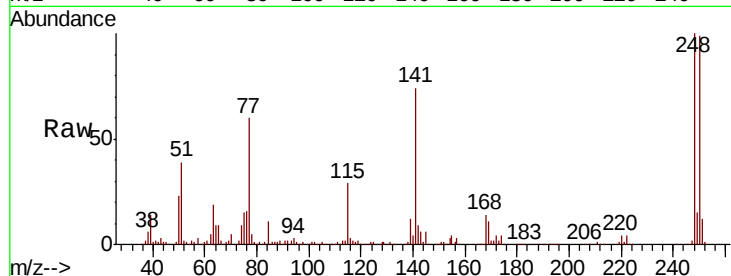
#67
4-Bromophenyl-phenylether
Concen: 43.053 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampled :
PB117468BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.5	116.3
141	73.8	62.4	93.6

Manual Integrations
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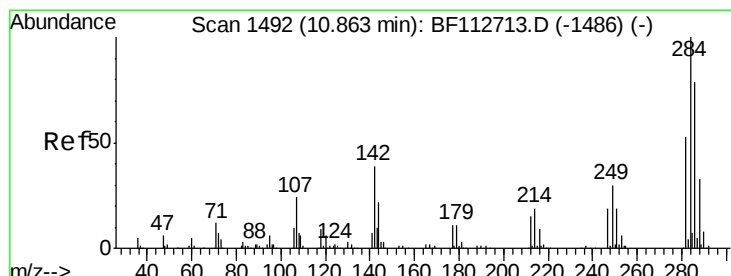
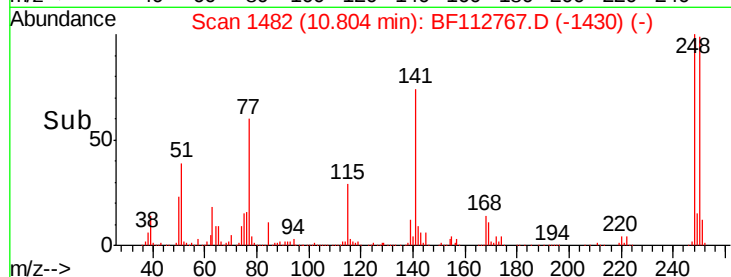
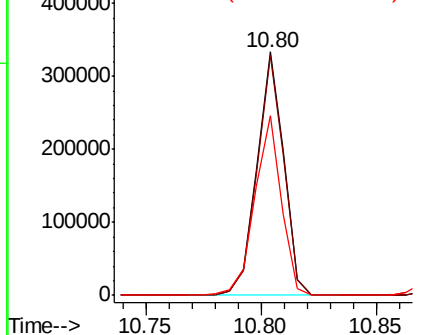


Abundance

Ion 248.00 (247.70 to 248.70): E

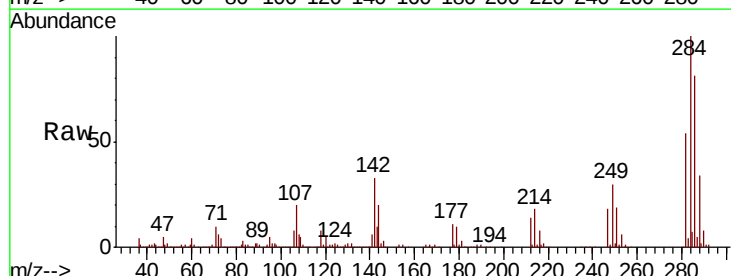
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.324 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	31.0	46.6
249	30.5	23.6	35.4

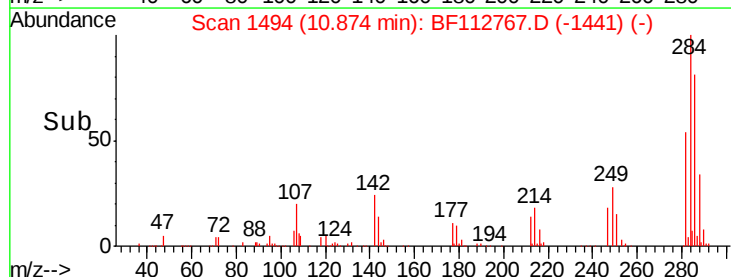
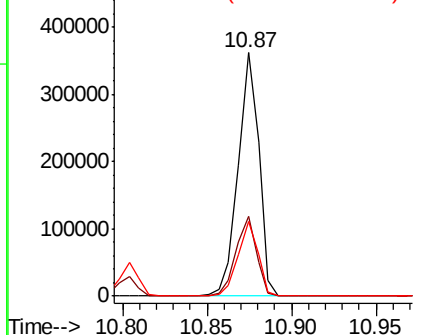


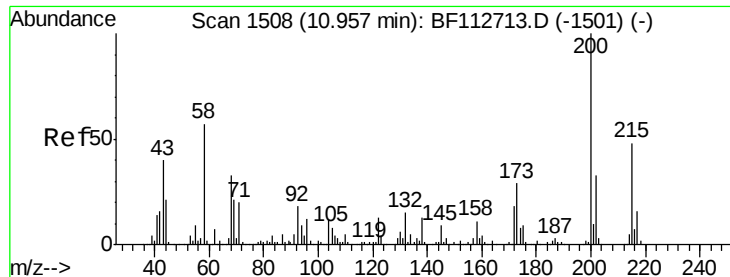
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





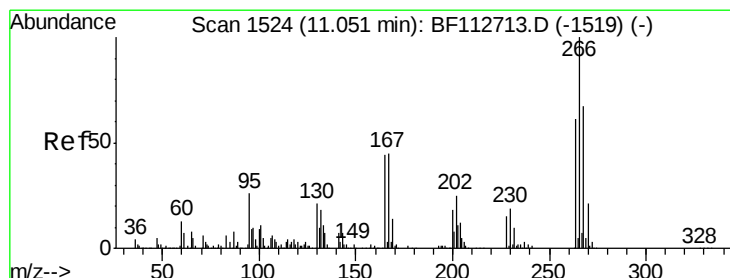
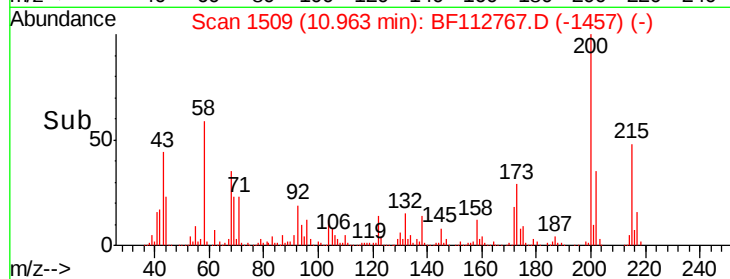
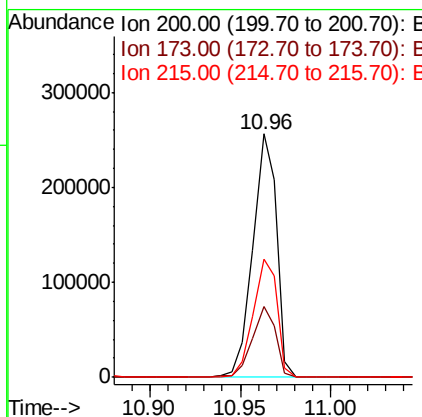
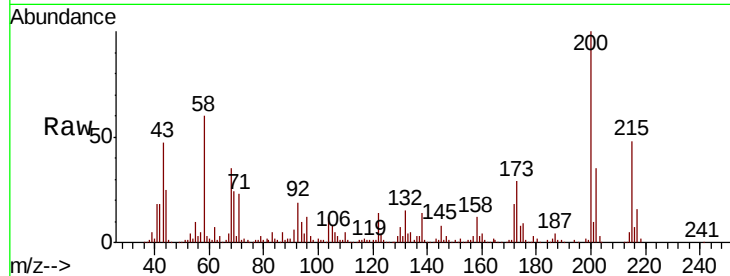
#69
 Atrazine
 Concen: 39.687 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion:	200	Resp:	233302
Ion Ratio	Lower	Upper	
200	100		
173	29.3	9.1	49.1
215	48.4	28.2	68.2

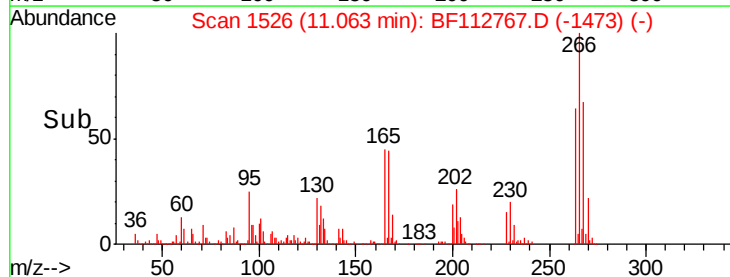
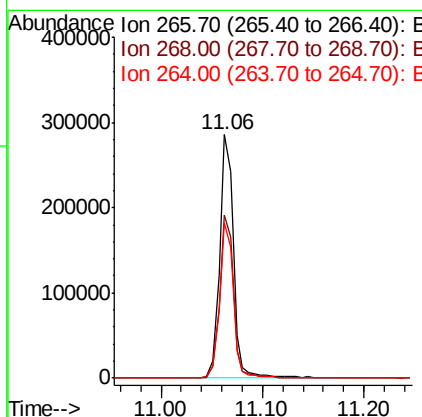
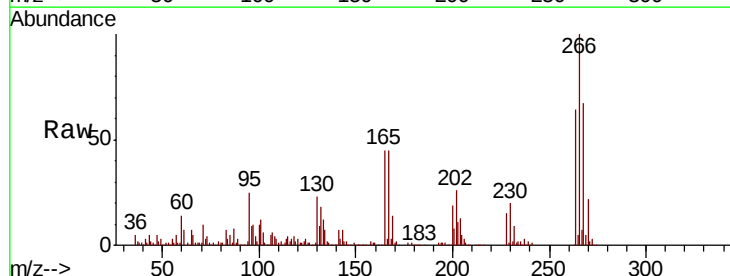
Manual Integrations
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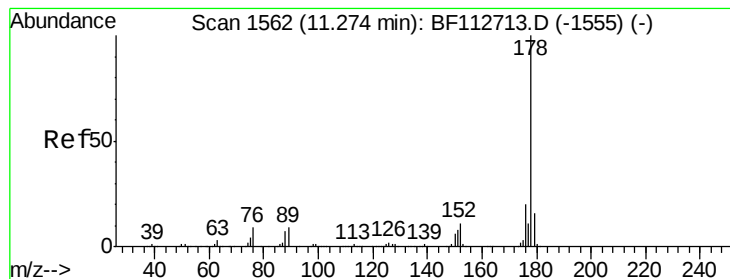
Sohil
 3/1/2019 3:00:09 PM



#70
 Pentachlorophenol
 Concen: 64.627 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Tgt Ion:	266	Resp:	270301
Ion Ratio	Lower	Upper	
266	100		
268	67.0	53.3	79.9
264	63.6	48.9	73.3





#71

Phenanthrene

Concen: 41.029 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion:178 Resp: 1221736

Ion Ratio Lower Upper

178 100

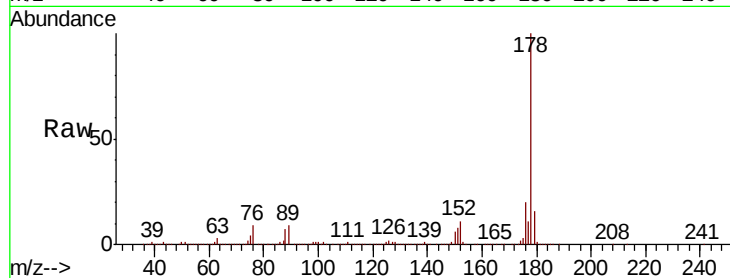
176 20.2 16.3 24.5

179 15.9 12.7 19.1

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Sohil

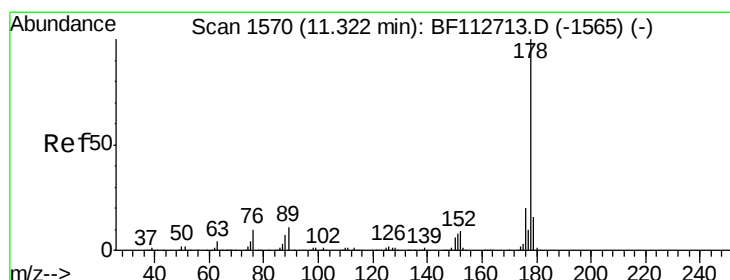
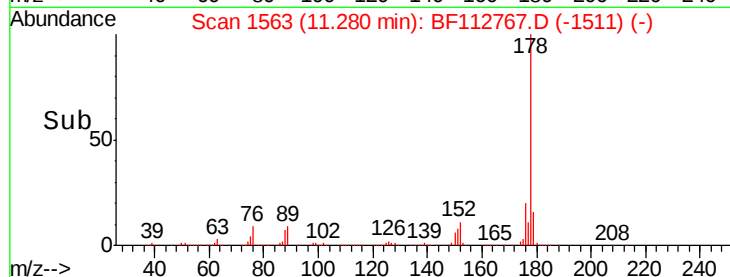
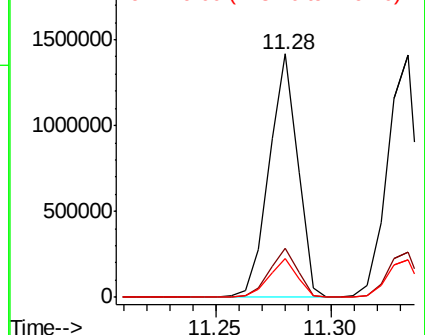
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.722 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion:178 Resp: 1238156

Ion Ratio Lower Upper

178 100

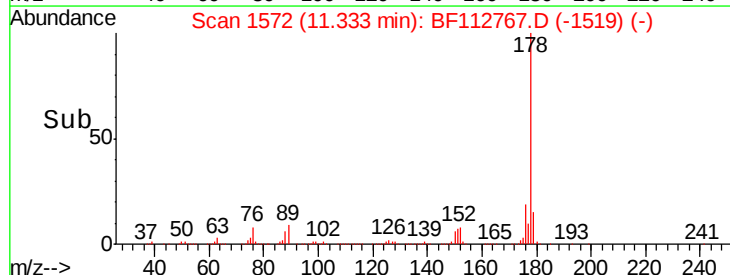
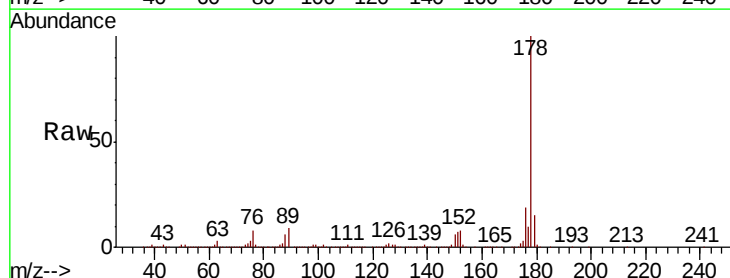
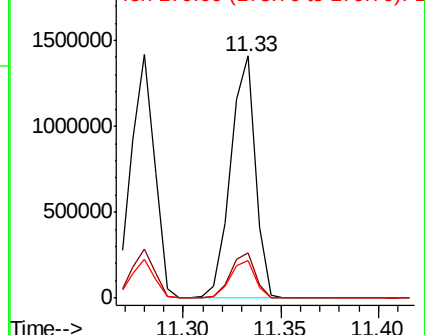
176 18.9 15.8 23.6

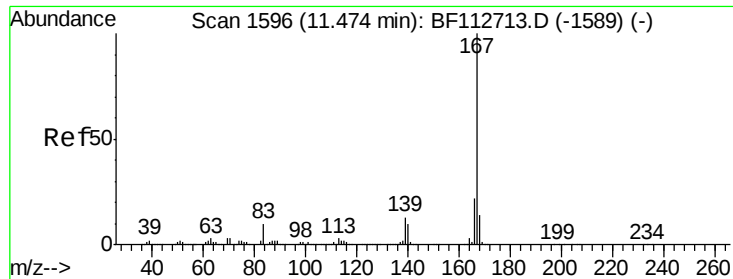
179 15.5 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





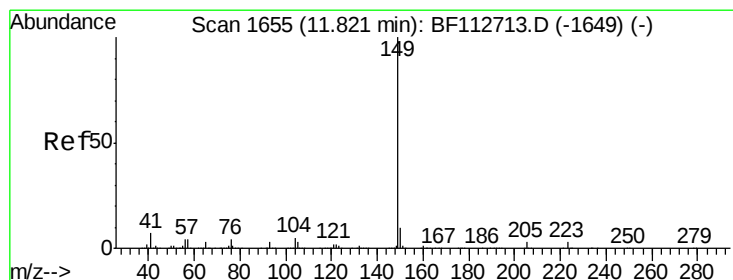
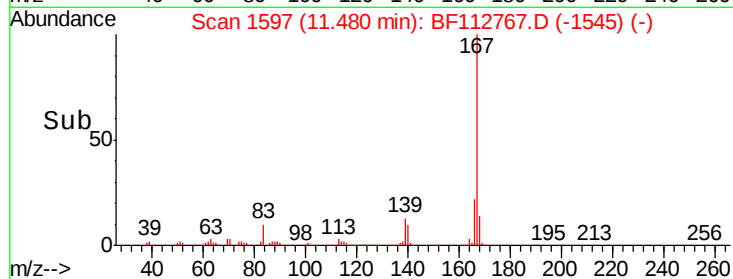
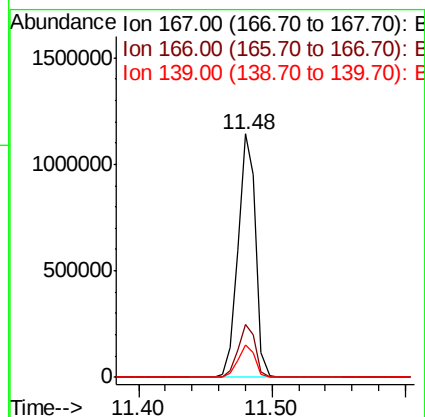
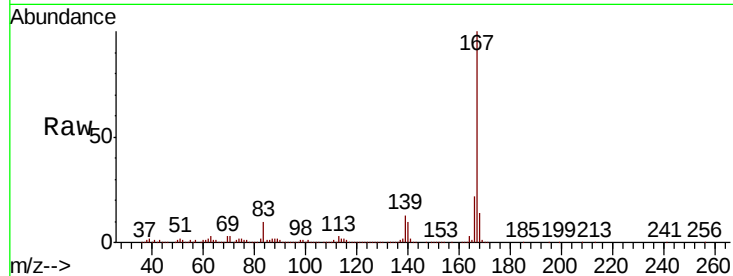
#73
 Carbazole
 Concen: 34.727 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.5	26.3	
139	13.4	10.8	16.2	

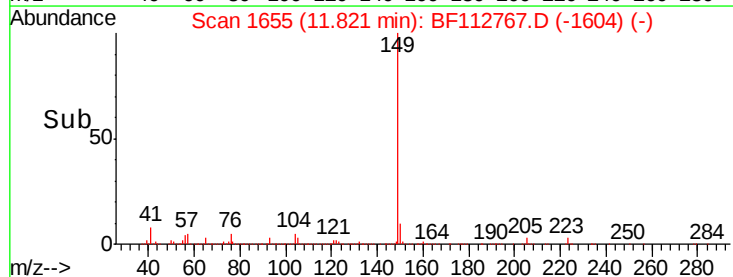
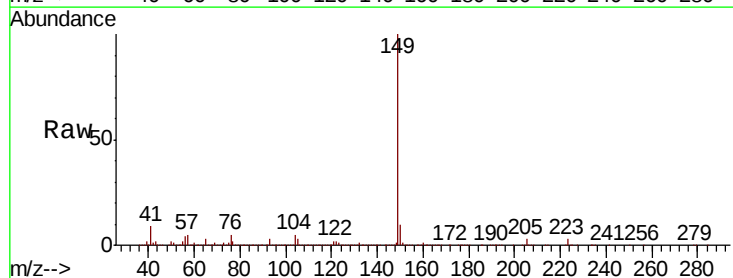
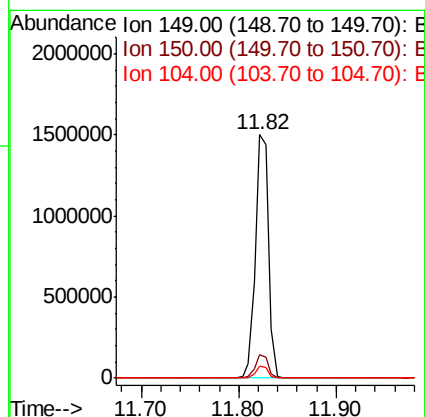
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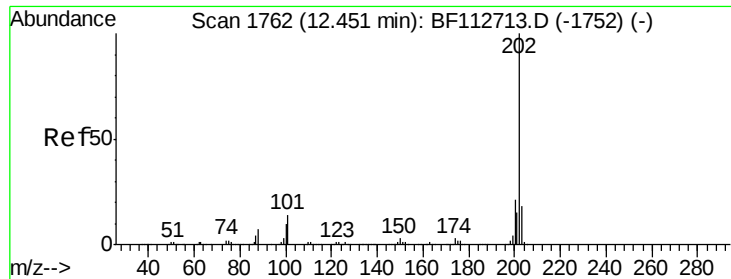
Sohil
 3/1/2019 3:00:09 PM



#74
 Di-n-butylphthalate
 Concen: 38.330 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.7	7.6	11.4	
104	4.7	3.7	5.5	





#75

Fluoranthene

Concen: 36.224 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

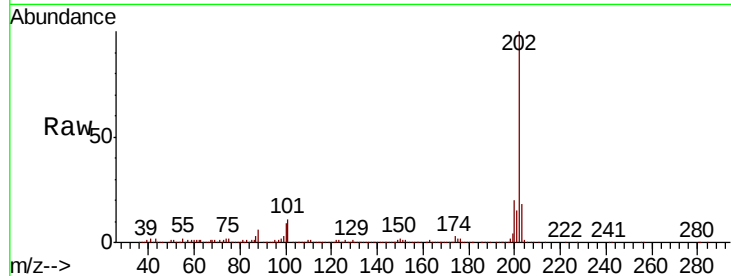
ClientSampleId :

PB117468BS

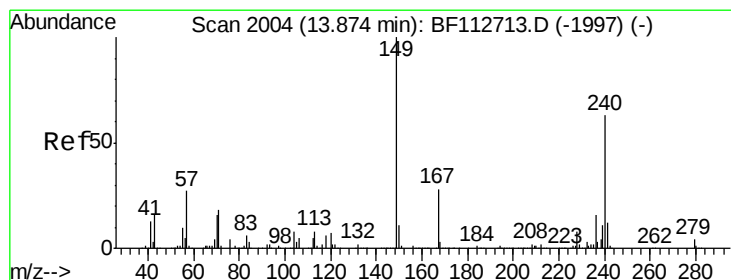
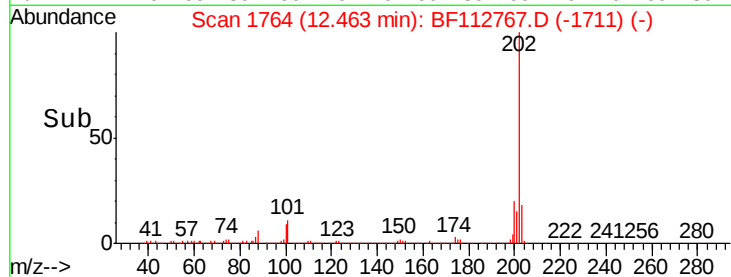
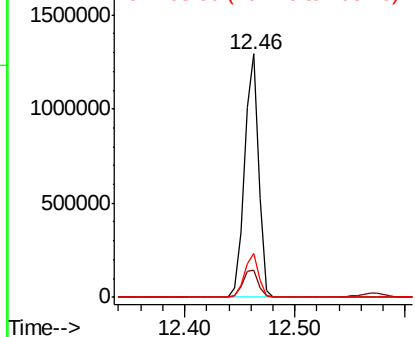
Tot Ion:	202	Resp:	1155651
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	33.8
203	18.0	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

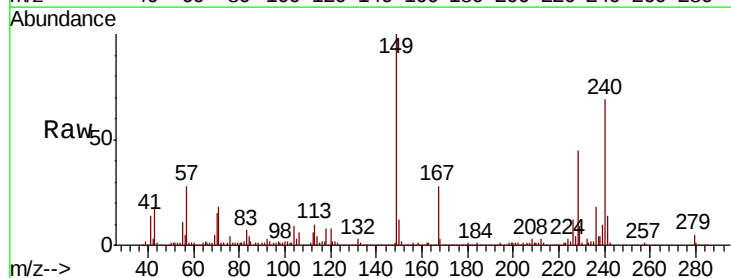
RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

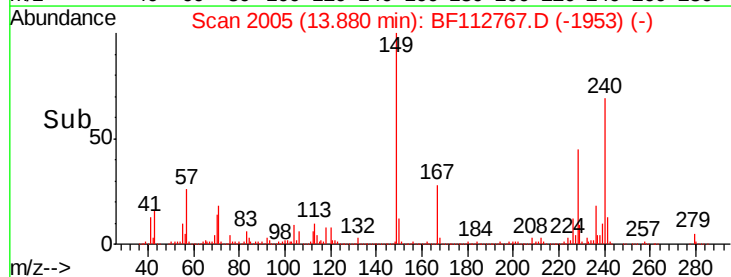
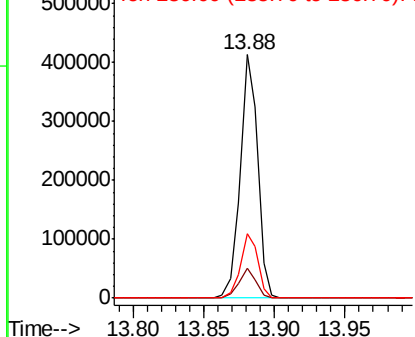
Lab File: BF112767.D

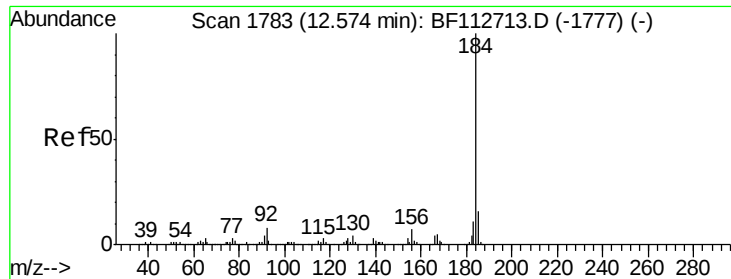
Acq: 28 Feb 2019 18:07

Tgt Ion:	240	Resp:	355056
Ion Ratio	Lower	Upper	
240	100		
120	12.2	8.9	13.3
236	26.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.945 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

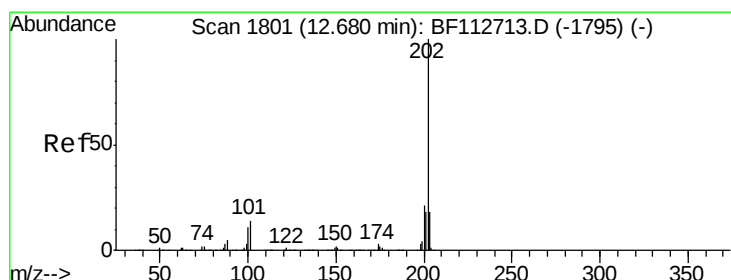
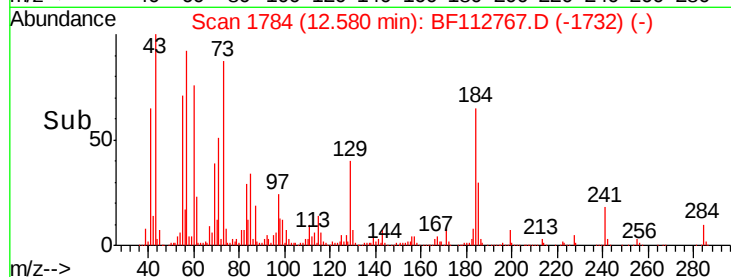
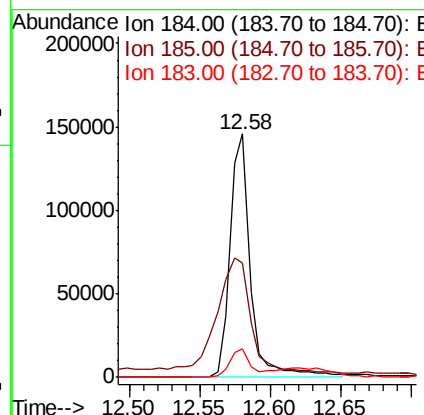
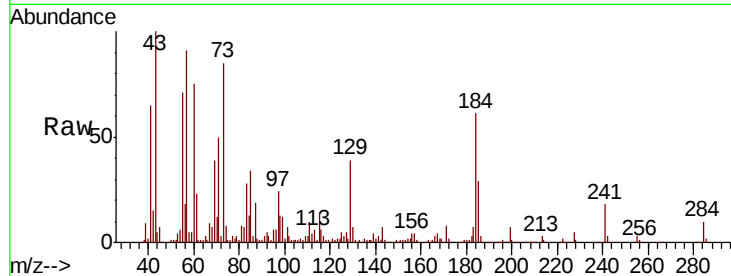
ClientSampleId :

PB117468BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	46.9	12.6	18.8#
183	11.8	8.6	12.8

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#78

Pyrene

Concen: 39.144 ng

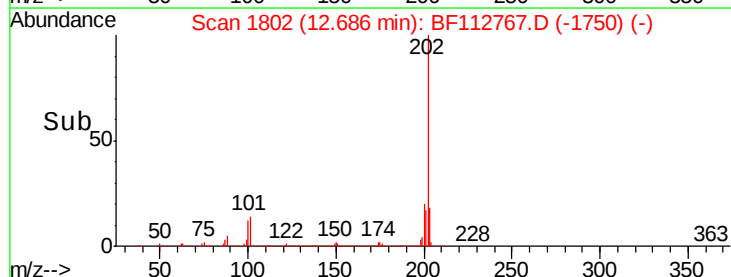
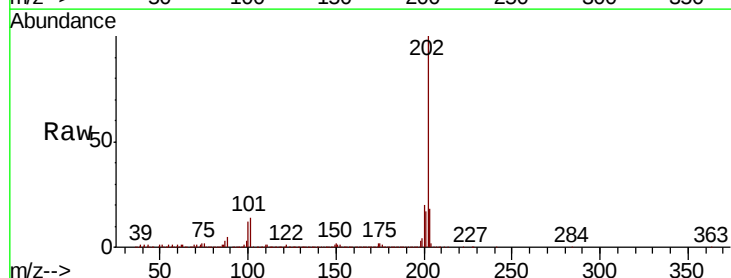
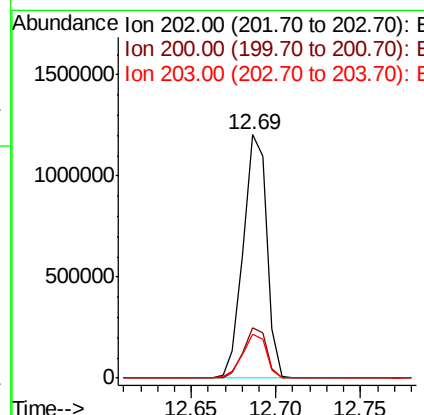
RT: 12.69 min Scan# 1802

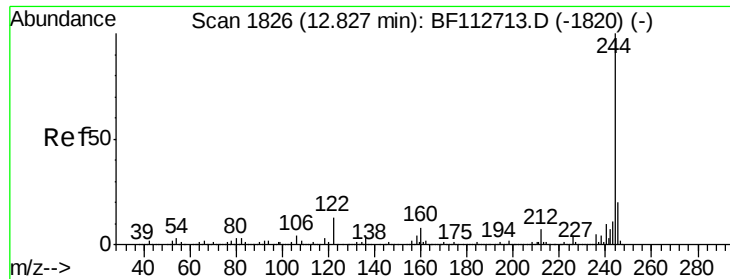
Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.1	14.4	21.6





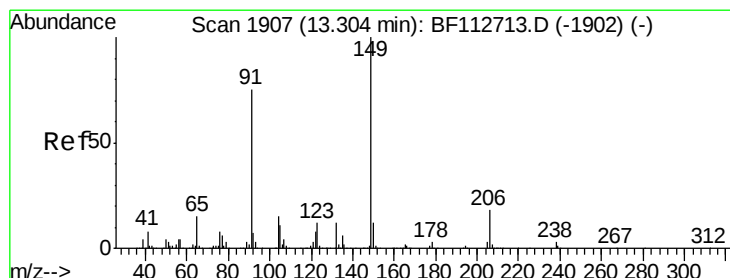
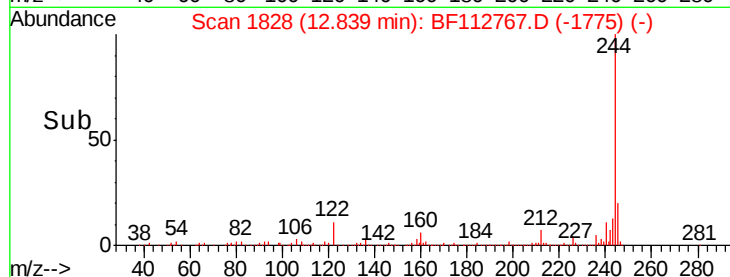
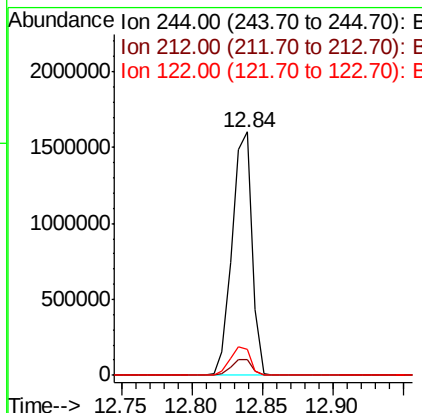
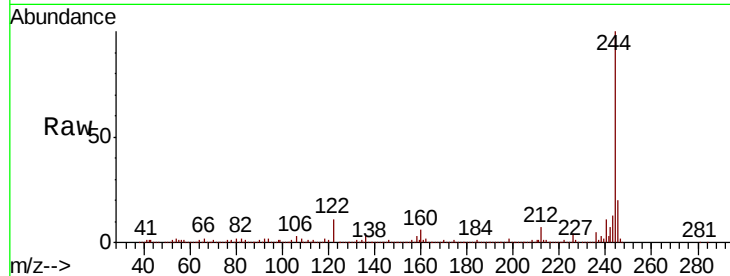
#79
 Terphenyl-d14
 Concen: 85.887 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.6	10.5	15.7

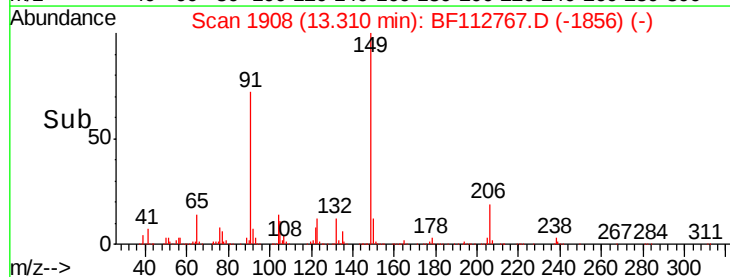
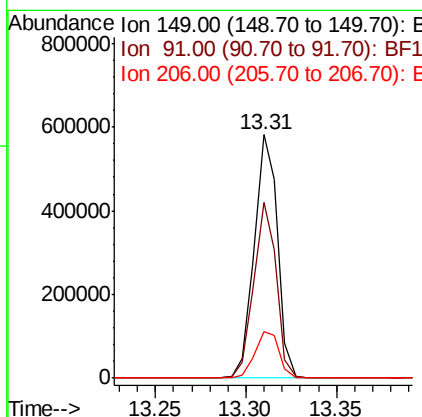
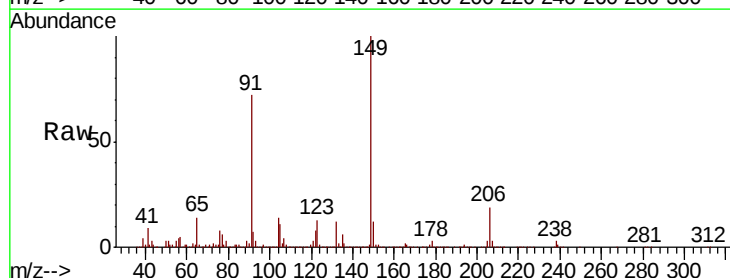
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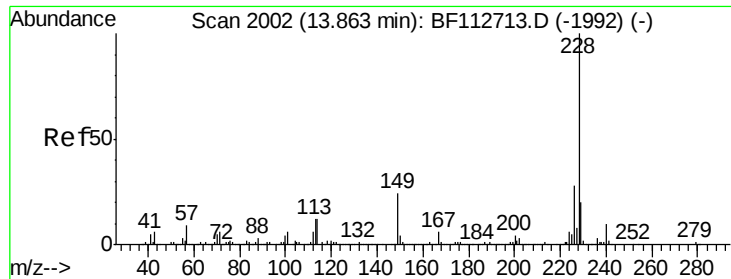
Sohil
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#80
 Butylbenzylphthalate
 Concen: 38.972 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF112767.D
 Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	59.9	89.9
206	19.0	14.7	22.1





#81

Benzo(a)anthracene

Concen: 37.097 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

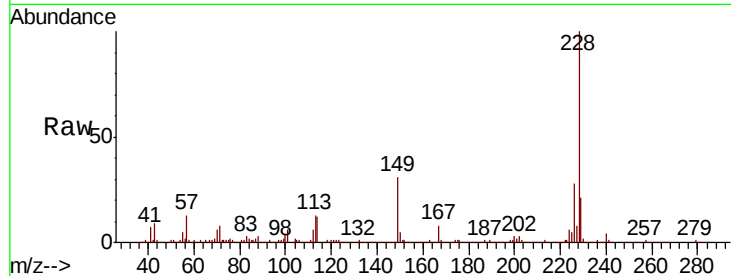
ClientSampleId :

PB117468BS

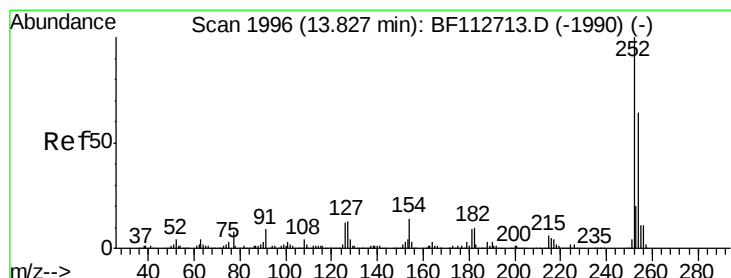
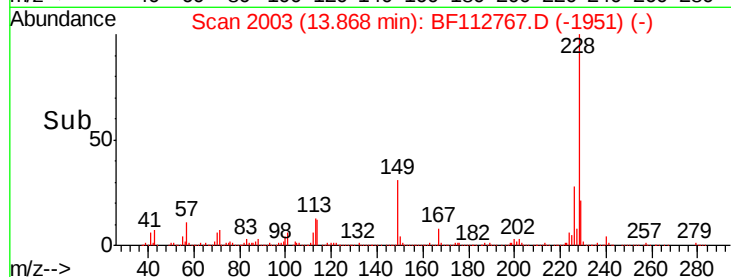
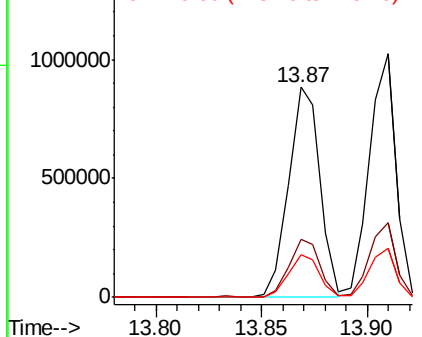
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.8		22.2	33.4	
229	20.6		16.0	24.0	

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



#82

3,3'-Dichlorobenzidine

Concen: 28.855 ng

RT: 13.83 min Scan# 1997

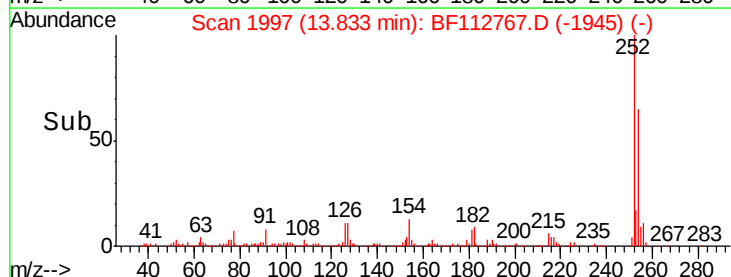
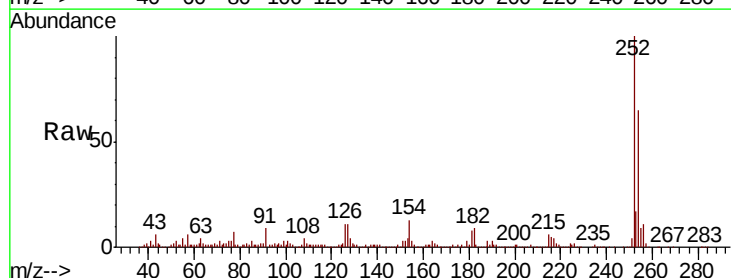
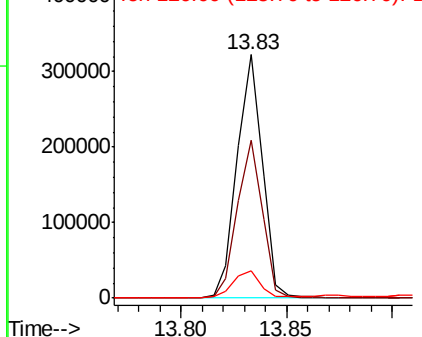
Delta R.T. 0.01 min

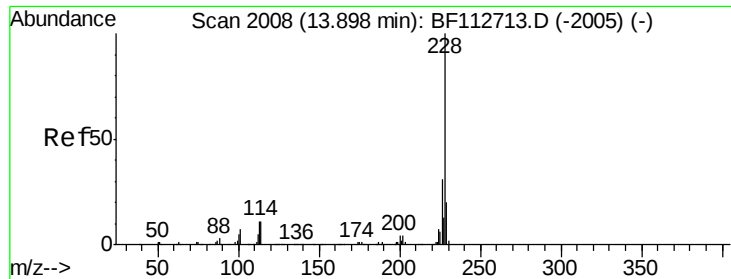
Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.9		51.1	76.7	
126	11.4		9.9	14.9	

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





#83

Chrysene

Concen: 37.425 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

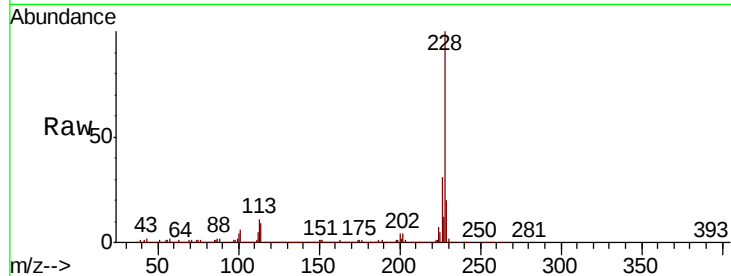
ClientSampleId :

PB117468BS

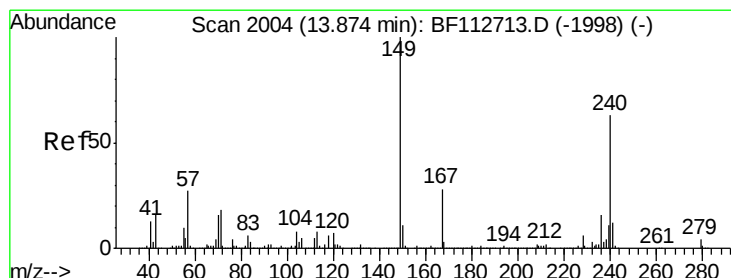
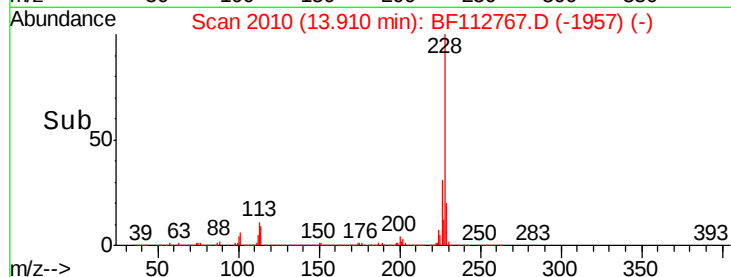
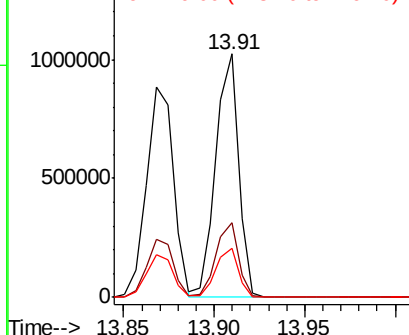
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.0	16.3	24.5

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.986 ng

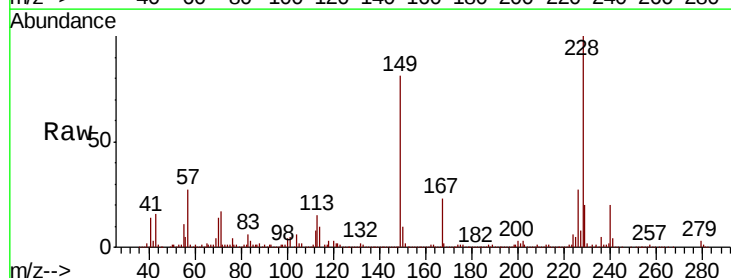
RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

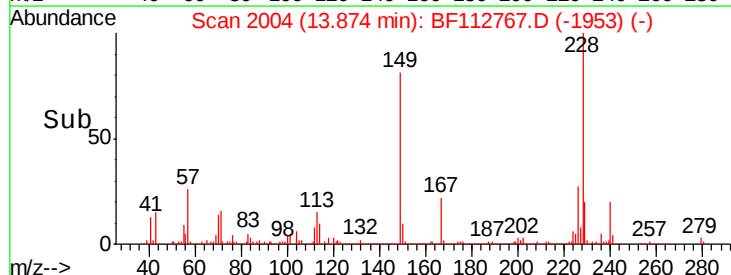
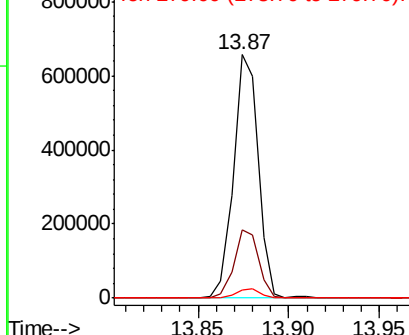
Lab File: BF112767.D

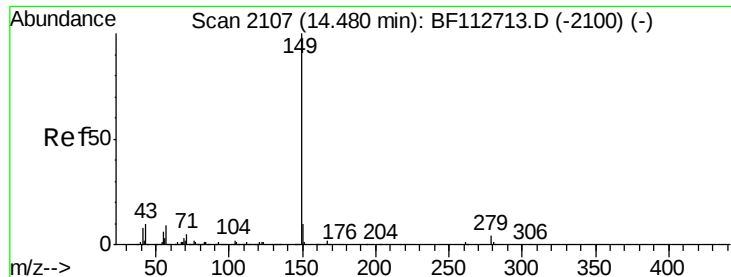
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	3.4	3.3	4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.295 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

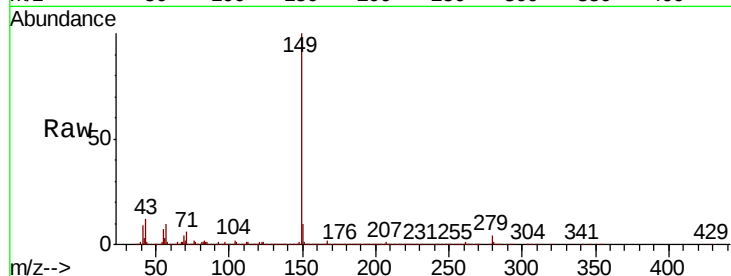
ClientSampleId :

PB117468BS

Tot Ion:	149	Resp:	1152113
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.4	9.0	13.4

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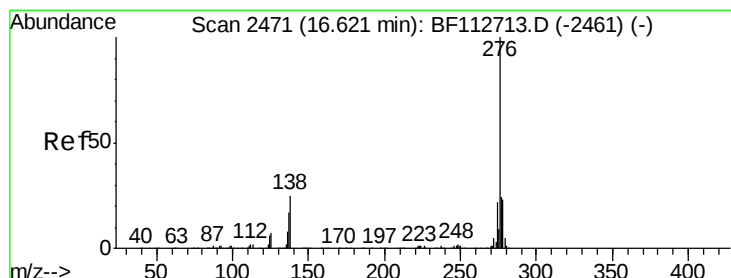
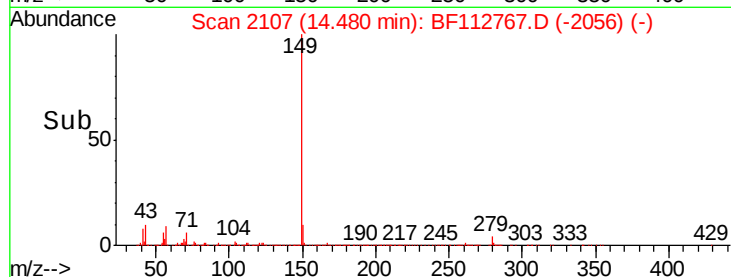
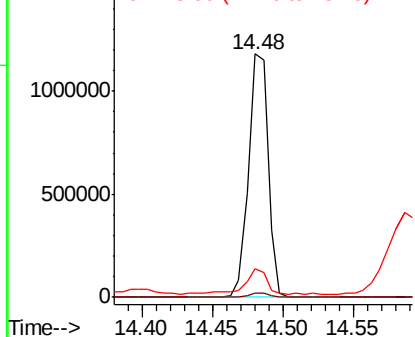


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.234 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.04 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

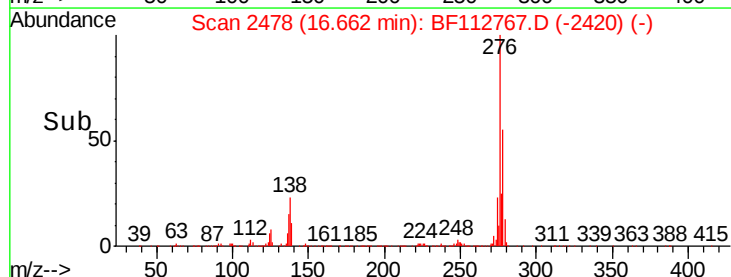
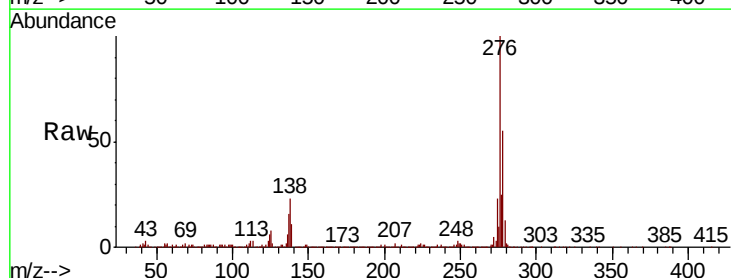
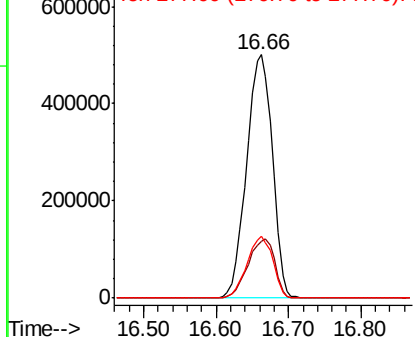
Tgt Ion:	276	Resp:	1237769
Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.2	34.8
277	25.0	19.9	29.9

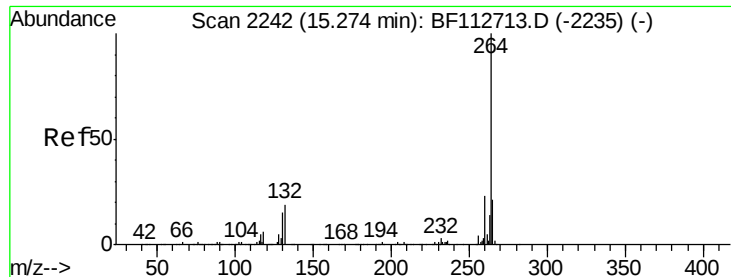
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





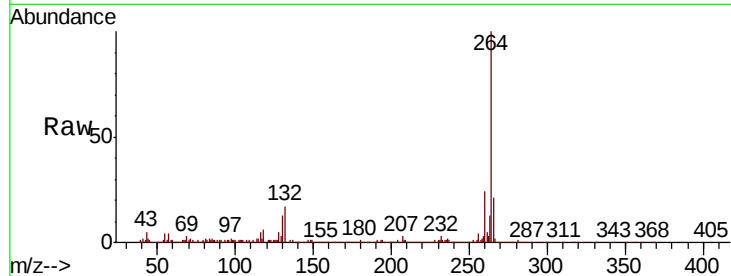
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.8	17.2	25.8

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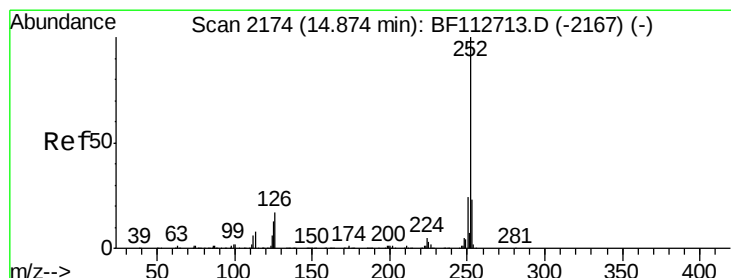
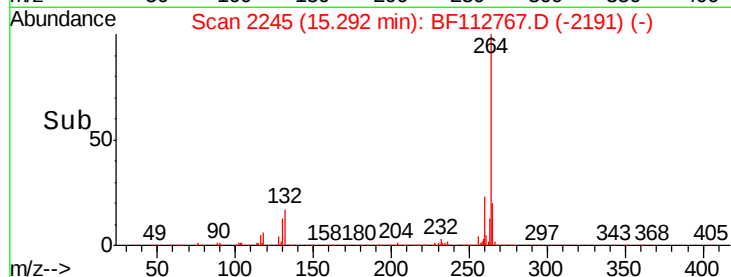
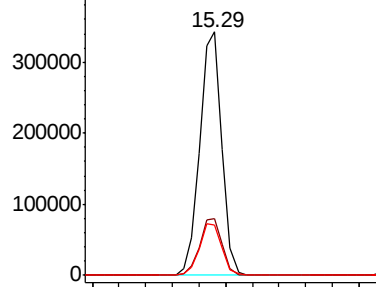


Abundance

Ion 264.00 (263.70 to 264.70): E

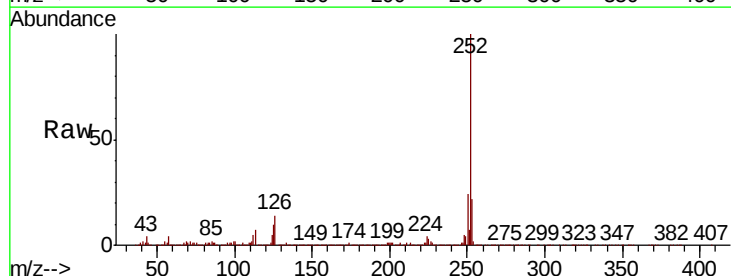
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 37.805 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.4	10.2	15.2

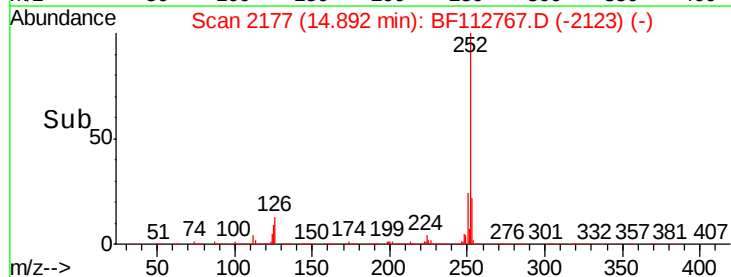
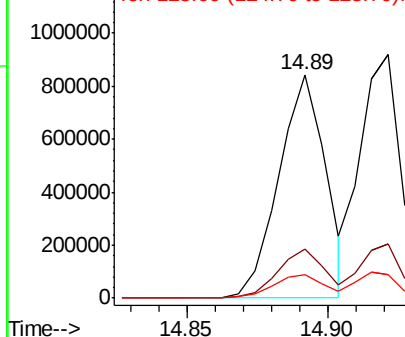


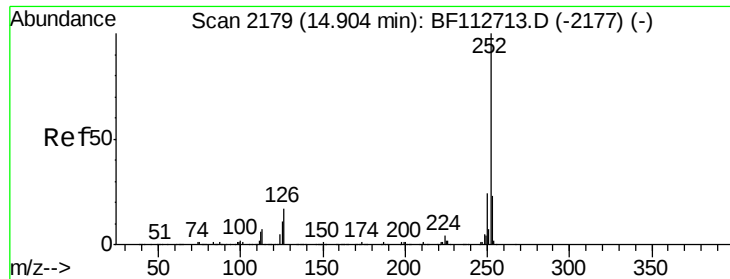
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





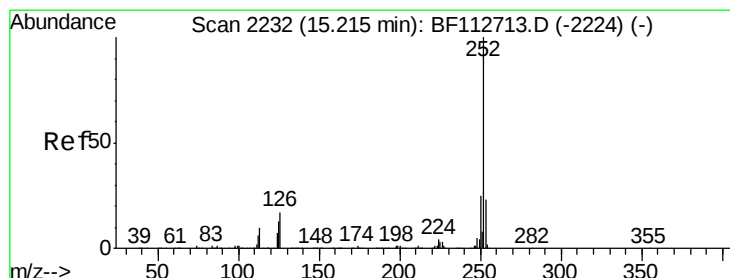
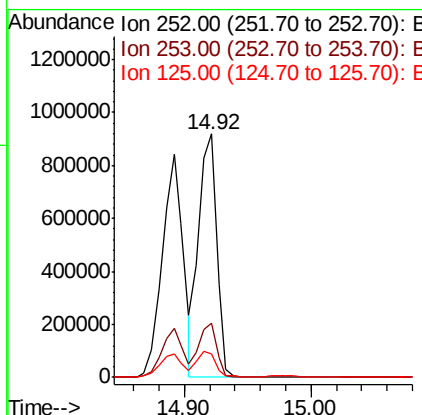
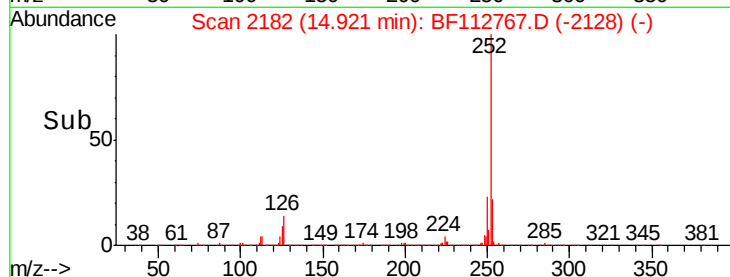
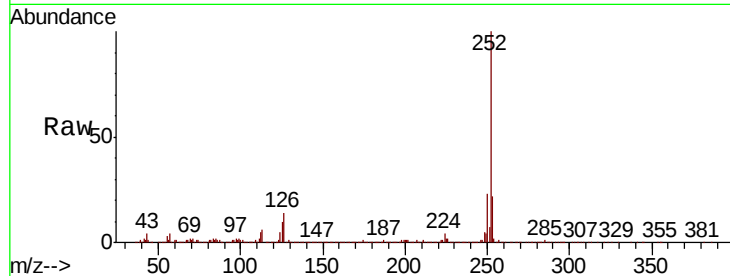
#89
Benzo(k)fluoranthene
Concen: 38.796 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.8	9.8	14.6

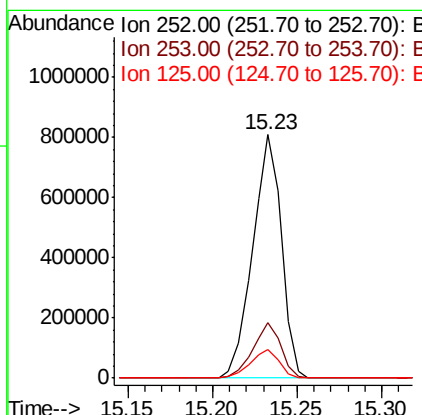
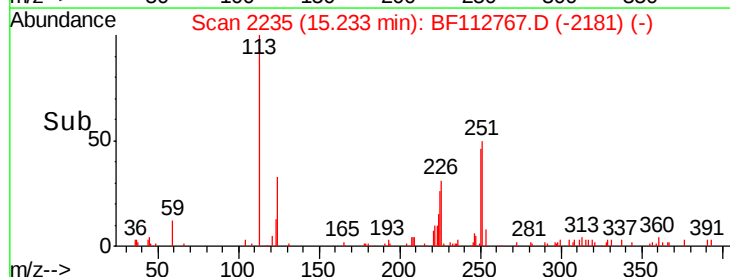
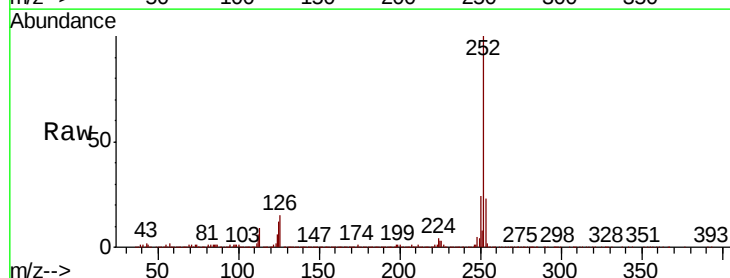
Manual Integrations
APPROVED

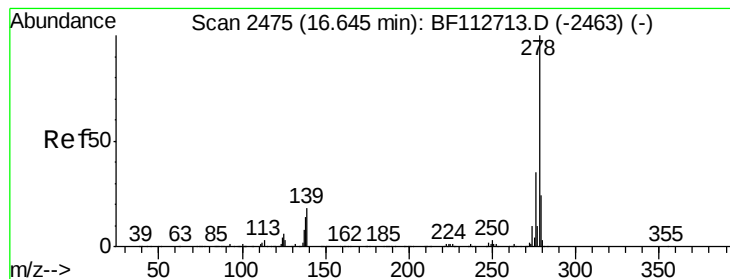
Sohil
3/1/2019 3:00:09 PM



#90
Benzo(a)pyrene
Concen: 42.116 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112767.D
Acq: 28 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.7	10.7	16.1





#91

Dibenzo(a,h)anthracene

Concen: 52.558 ng

RT: 16.68 min Scan# 2481

Delta R.T. 0.04 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA_F

ClientSampleId :

PB117468BS

Tot Ion:278 Resp: 1020034

Ion Ratio Lower Upper

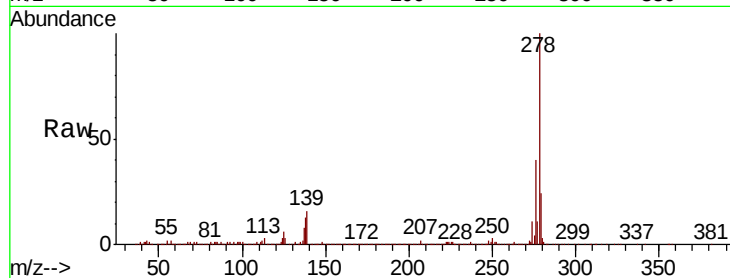
278 100

139 15.6 14.3 21.5

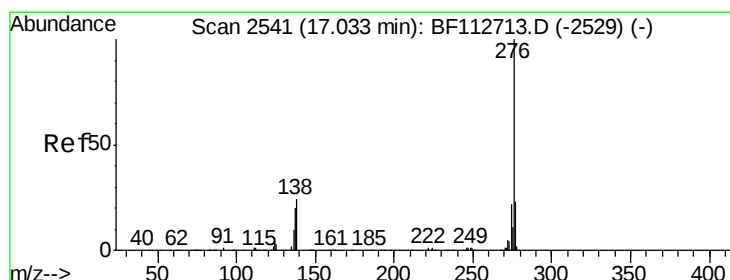
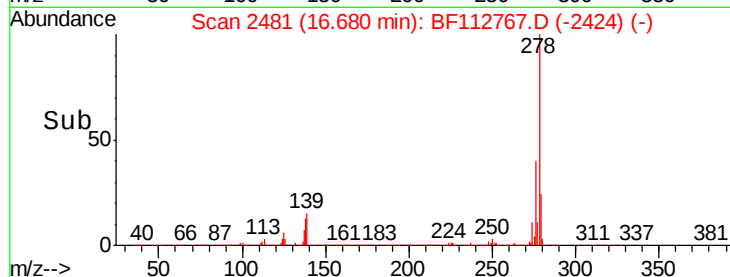
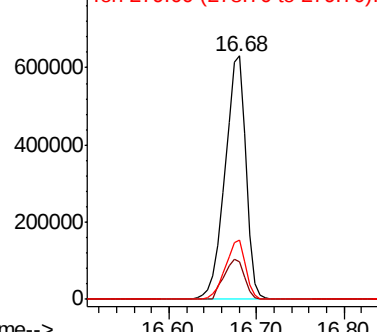
279 24.3 19.4 29.0

Manual Integrations
APPROVED

Sohil
3/1/2019 3:00:09 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.817 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

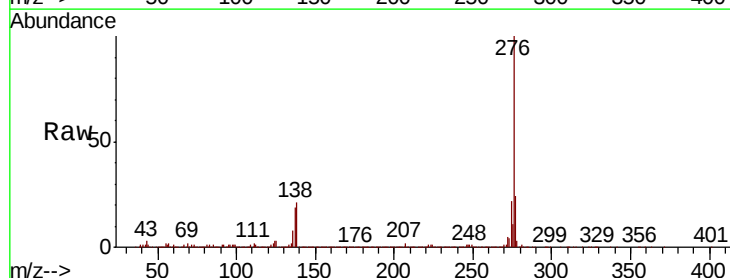
Tgt Ion:276 Resp: 1068267

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 21.5 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

