

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108874.D
 Acq On : 7 Sep 2018 21:21
 Operator : JU/SJ
 Sample : PB112683BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Manual Integrations
 APPROVED

Sohil
 9/10/2018 10:39:43 AM

Quant Time: Sep 08 00:10:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	222872	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	846877	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	395722	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	674700	20.00	ng	0.00
75) Chrysene-d12	13.87	240	405038	20.00	ng	0.00
86) Perylene-d12	15.28	264	465687	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1107401	82.32	ng	0.02
7) Phenol-d6	6.38	99	1445896	83.53	ng	0.01
23) Nitrobenzene-d5	7.30	82	1296499	95.81	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	330706	87.54	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2178973	93.94	ng	0.00
78) Terphenyl-d14	12.83	244	1664154	95.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	237491	36.733	ng	92
3) Pyridine	3.21	79	702242	39.661	ng	91
4) n-Nitrosodimethylamine	3.14	42	301883	44.390	ng	# 94
6) Aniline	6.40	93	657764	28.253	ng	93
8) 2-Chlorophenol	6.52	128	618029	41.504	ng	97
9) Benzaldehyde	6.28	77	358742	29.214	ng	97
10) Phenol	6.39	94	774217	39.051	ng	84
11) bis(2-Chloroethyl)ether	6.48	93	613225	38.611	ng	94
12) 1,3-Dichlorobenzene	6.68	146	665156	39.144	ng	98
13) 1,4-Dichlorobenzene	6.75	146	665629	39.170	ng	99
14) 1,2-Dichlorobenzene	6.91	146	622108	39.718	ng	99
15) Benzyl Alcohol	6.88	79	551535	41.519	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	922240	38.847	ng	96
17) 2-Methylphenol	7.00	107	525741	41.778	ng	98
18) Hexachloroethane	7.25	117	227905	37.195	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	445495	37.026	ng	95
20) 3+4-Methylphenols	7.15	107	607771	41.229	ng	# 69
22) Acetophenone	7.15	105	813389	42.320	ng	# 90
24) Nitrobenzene	7.32	77	656607	45.221	ng	99
25) Isophorone	7.56	82	1238259	45.873	ng	98
26) 2-Nitrophenol	7.64	139	286095	50.013	ng	97
27) 2,4-Dimethylphenol	7.68	122	568033	48.899	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	779687	43.203	ng	99
29) 2,4-Dichlorophenol	7.88	162	521870	43.569	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	534952	41.210	ng	97
31) Naphthalene	8.04	128	1733835	45.506	ng	99
32) Benzoic acid	7.79	122	278626m	38.456	ng	
33) 4-Chloroaniline	8.08	127	375815	21.477	ng	99
34) Hexachlorobutadiene	8.17	225	315386	40.670	ng	99
35) Caprolactam	8.46	113	183771m	45.277	ng	
36) 4-Chloro-3-methylphenol	8.57	107	553769	43.399	ng	99
37) 2-Methylnaphthalene	8.73	142	1165006	46.283	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	515003	43.536	ng	98
40) Hexachlorocyclopentadiene	8.89	237	255363	42.911	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	368122	45.688	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	389920	46.686	nq	98
45) 1,1'-Biphenyl	9.20	154	1344986	44.148	nq	98
46) 2-Chloronaphthalene	9.22	162	1060730	43.051	nq	100
47) 2-Nitroaniline	9.31	65	353628	52.538	nq	92
48) Acenaphthylene	9.63	152	1690466	46.029	nq	98
49) Dimethylphthalate	9.50	163	1261200	45.567	nq	99
50) 2,6-Dinitrotoluene	9.55	165	274883	52.120	nq	98
51) Acenaphthene	9.81	154	995297	43.794	nq	98
52) 3-Nitroaniline	9.72	138	228591	36.411	nq	99
53) 2,4-Dinitrophenol	9.82	184	49899	32.061	nq	# 27
54) Dibenzofuran	9.98	168	1425640	43.034	nq	98
55) 4-Nitrophenol	9.88	139	405259	86.347	nq	97
56) 2,4-Dinitrotoluene	9.95	165	353855	52.464	nq	# 97
57) Fluorene	10.32	166	1022025	48.074	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	297771	44.211	nq	88
59) Diethylphthalate	10.20	149	1232181	43.139	nq	97
60) 4-Chlorophenyl-phenylether	10.31	204	507274	44.678	nq	92
61) 4-Nitroaniline	10.33	138	254254	44.705	nq	93
62) Azobenzene	10.47	77	1240709	42.082	nq	94
64) 4,6-Dinitro-2-methylphenol	10.36	198	43090	20.785	nq	84
65) n-Nitrosodiphenylamine	10.43	169	1037650	46.257	nq	95
66) 4-Bromophenyl-phenylether	10.80	248	350686	46.019	nq	91
67) Hexachlorobenzene	10.87	284	351370	43.193	nq	93
68) Atrazine	10.96	200	349465	48.664	nq	96
69) Pentachlorophenol	11.05	266	315646	63.466	nq	98
70) Phenanthrene	11.27	178	1453934	45.125	nq	98
71) Anthracene	11.32	178	1500229	48.632	nq	98
72) Carbazole	11.48	167	1312014	40.385	nq	99
73) Di-n-butylphthalate	11.82	149	1759636	48.774	nq	99
74) Fluoranthene	12.45	202	1303442	40.859	nq	98
76) Benzidine	12.57	184	927957	48.338	nq	99
77) Pyrene	12.68	202	1288533	41.343	nq	99
79) Butylbenzylphthalate	13.31	149	593648	42.296	nq	# 96
80) Benzo(a)anthracene	13.86	228	1127495	43.429	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	409966	40.531	nq	97
82) Chrysene	13.90	228	1109281	44.137	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	726283	41.177	nq	98
84) Di-n-octyl phthalate	14.48	149	1294046	44.006	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	995663	44.765	nq	96
87) Benzo(b)fluoranthene	14.88	252	1228232	48.505	nq	99
88) Benzo(k)fluoranthene	14.91	252	1027102	44.045	nq	99
89) Benzo(a)pyrene	15.22	252	1069464	46.807	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	842764	41.860	nq	97
91) Benzo(g,h,i)perylene	17.04	276	788304	39.106	nq	95

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

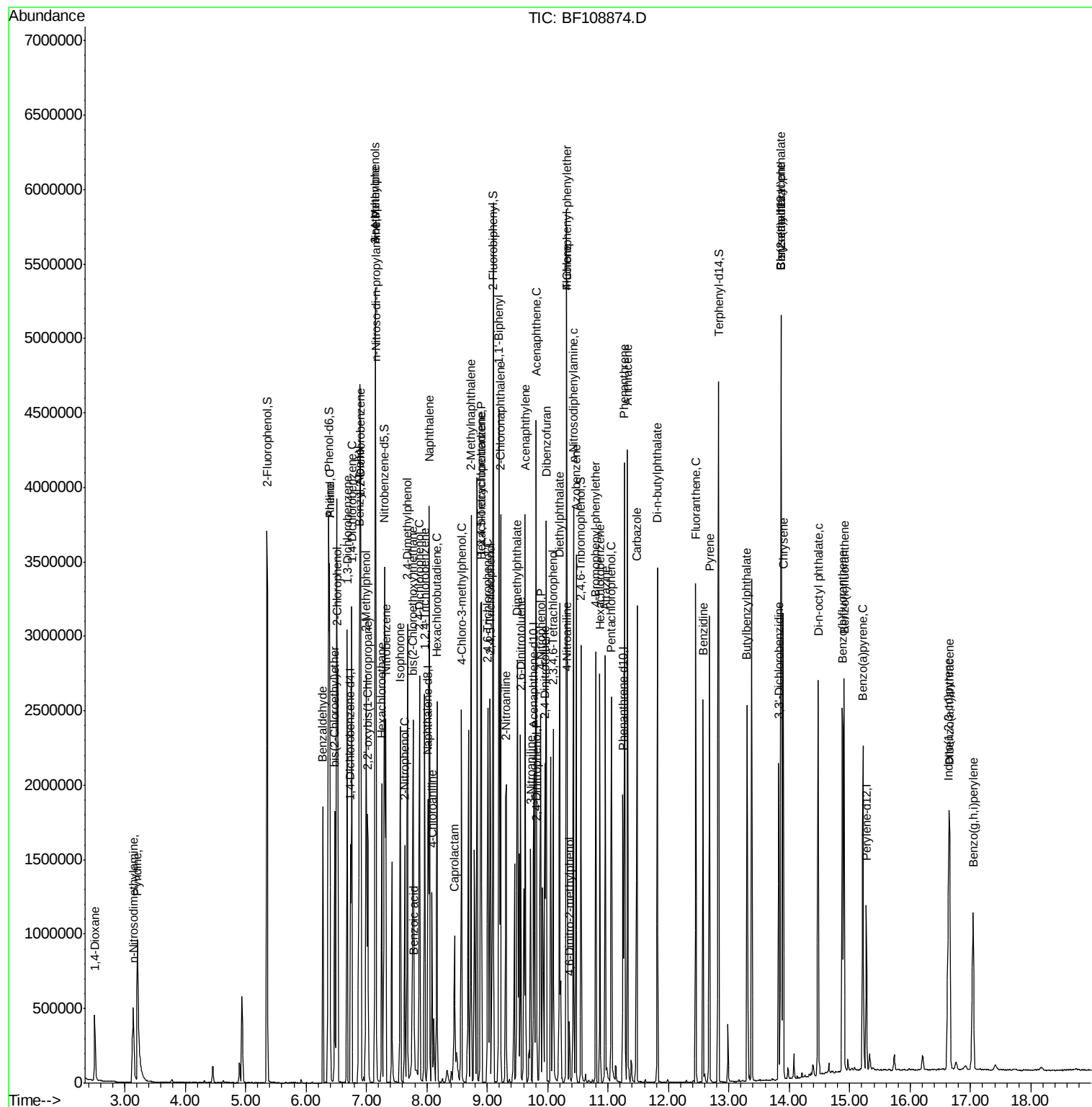
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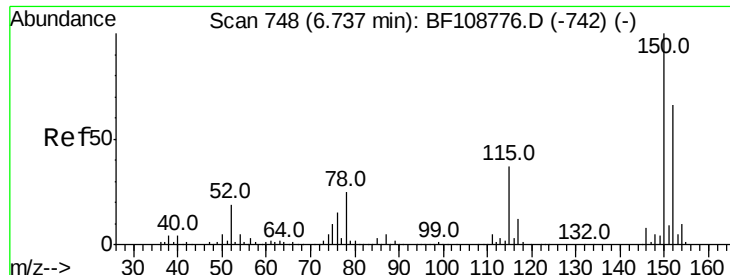
Instrument :
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#1

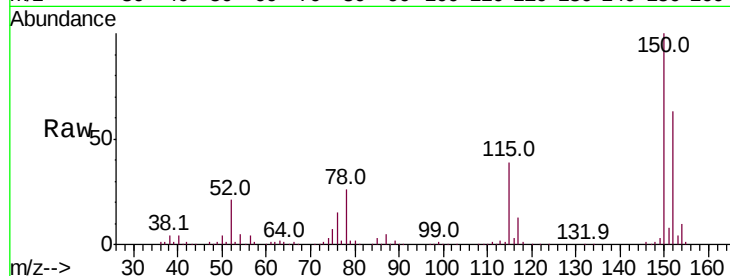
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

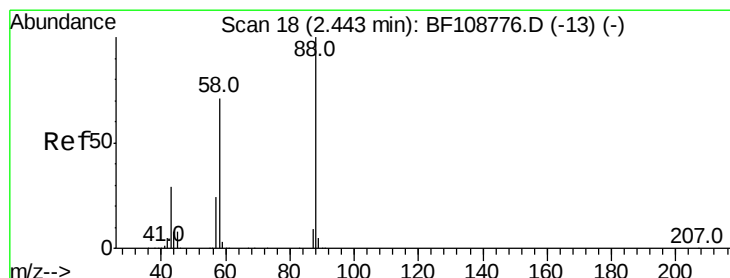
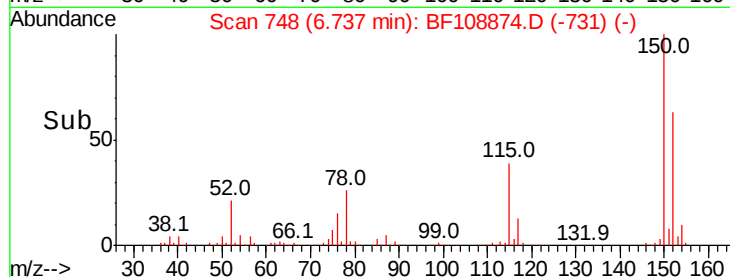
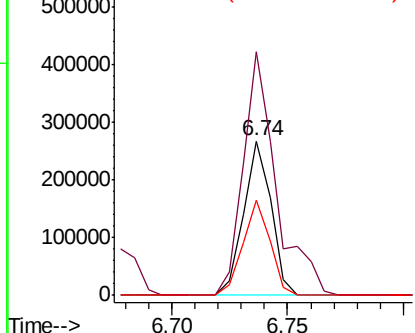
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	61.5	50.1	75.1

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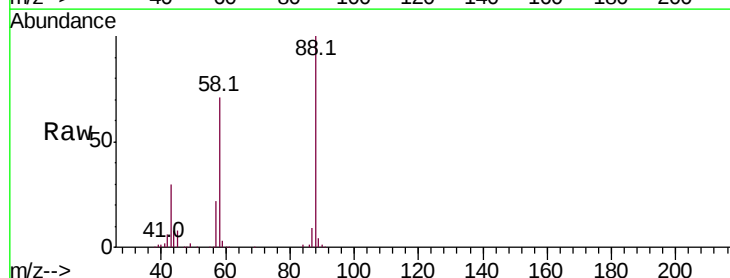
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



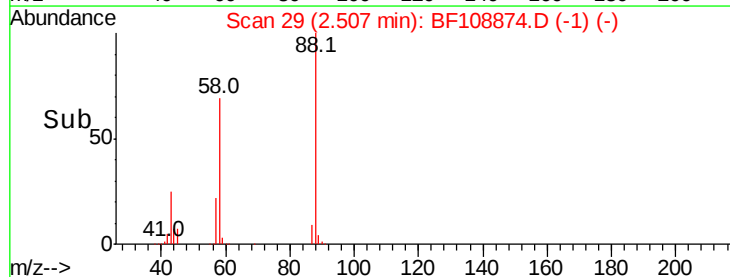
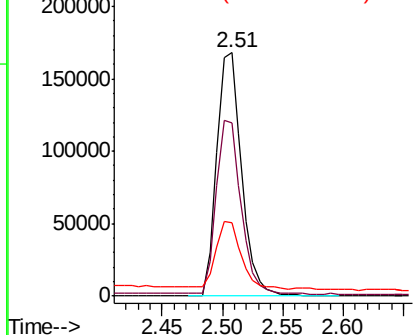
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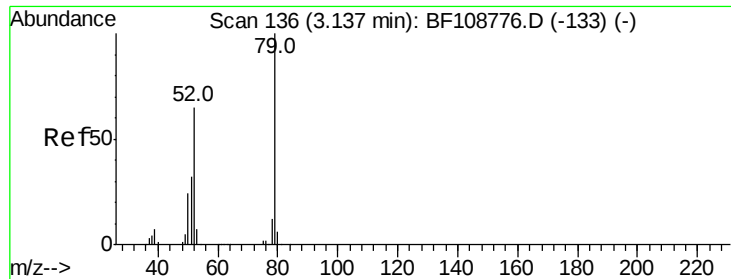
1,4-Dioxane
Concen: 36.733 ng
RT: 2.51 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	62.6	93.8
43	27.8	24.6	37.0



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





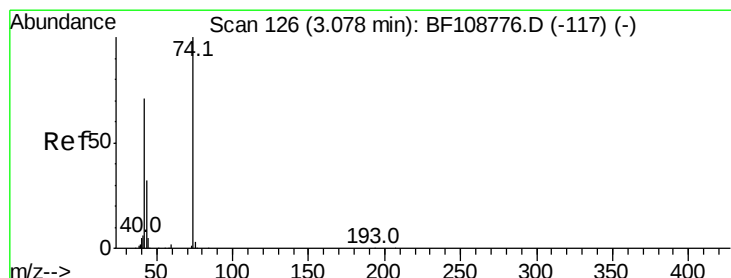
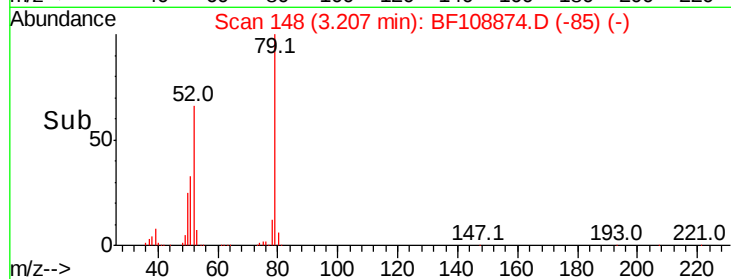
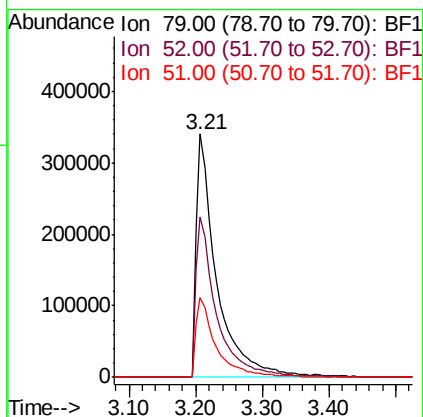
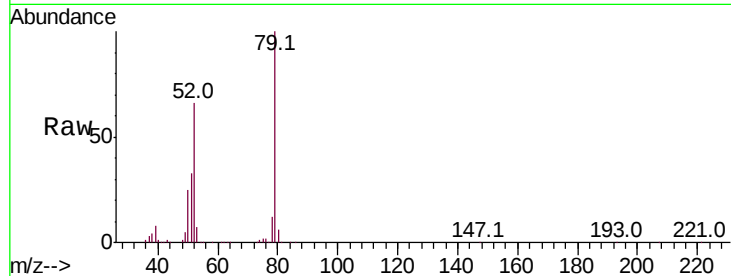
#3
 Pvridine
 Concen: 39.661 ng
 RT: 3.21 min Scan# 148
 Delta R.T. 0.07 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
79	100		
52	65.8	59.8	89.6
51	32.9	29.8	44.8

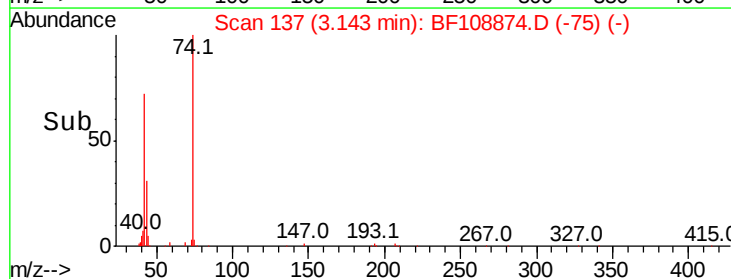
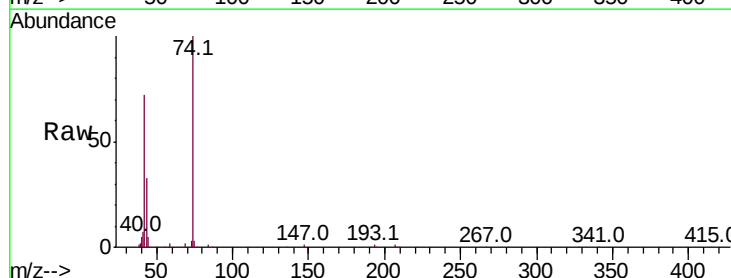
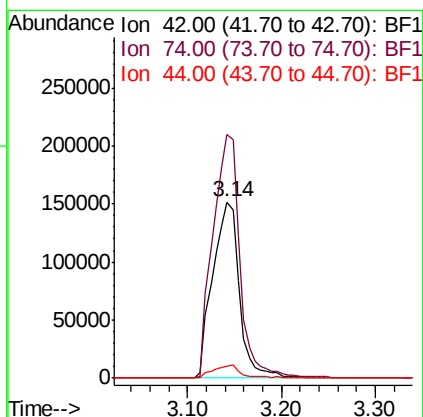
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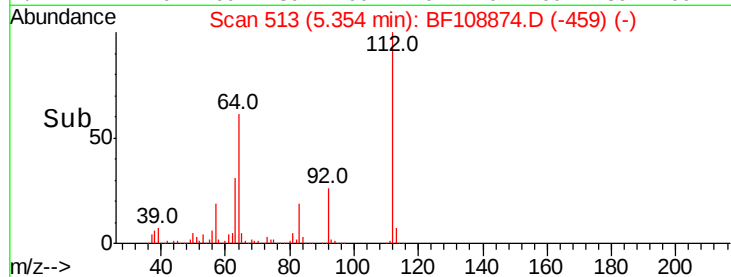
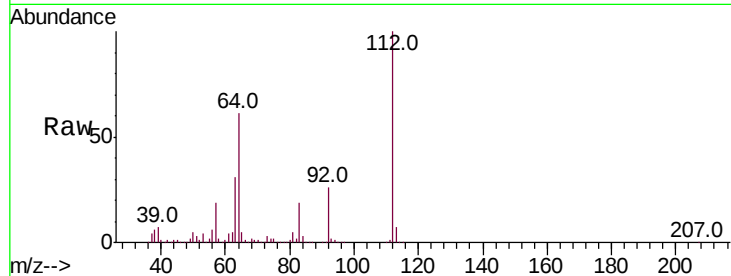
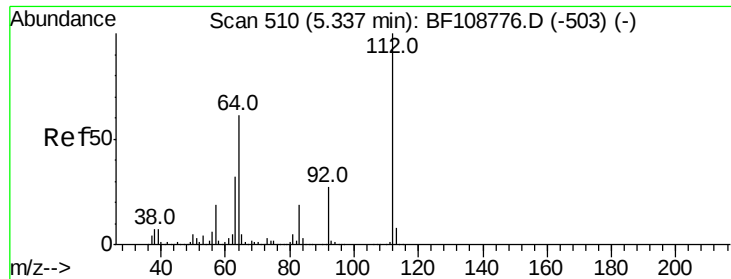
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#4
 n-Nitrosodimethylamine
 Concen: 44.390 ng
 RT: 3.14 min Scan# 137
 Delta R.T. 0.06 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.1	104.9	157.3
44	6.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 82.316 ng

RT: 5.35 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	31.4	23.7	35.5

Instrument :

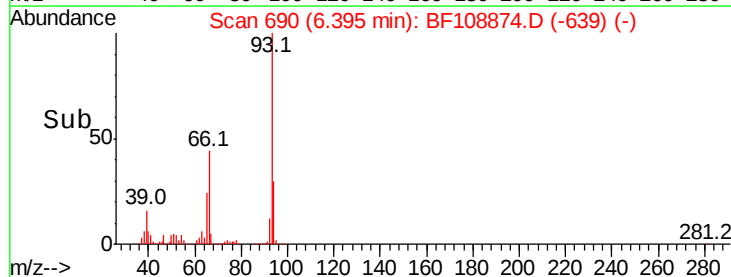
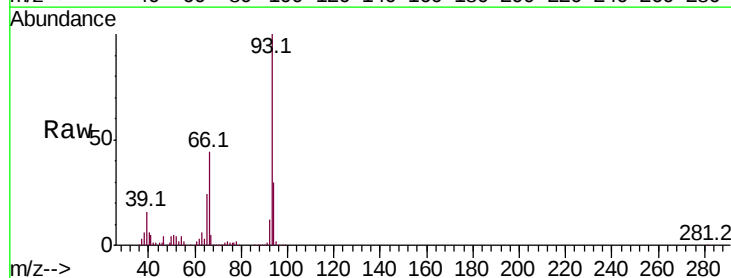
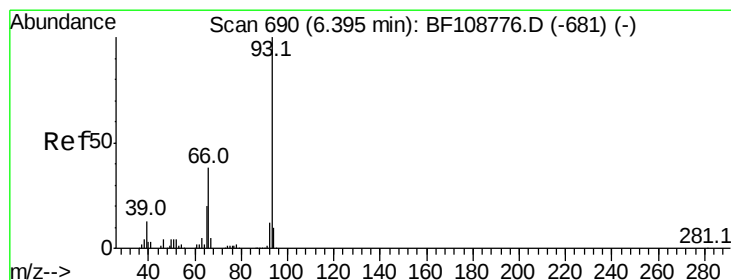
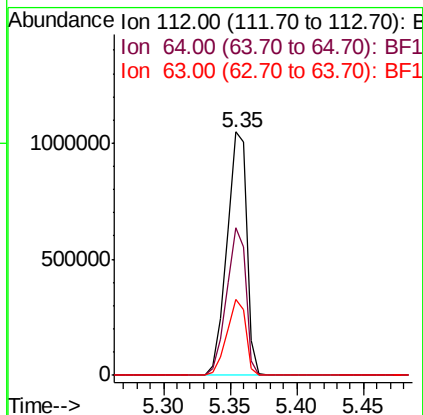
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 28.253 ng

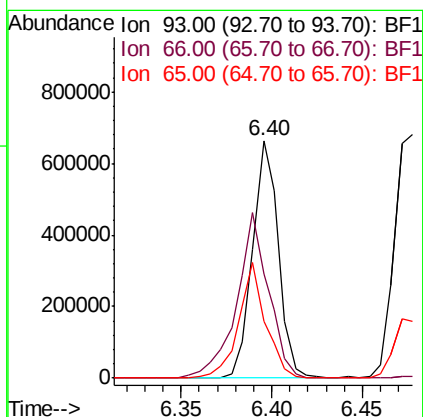
RT: 6.40 min Scan# 690

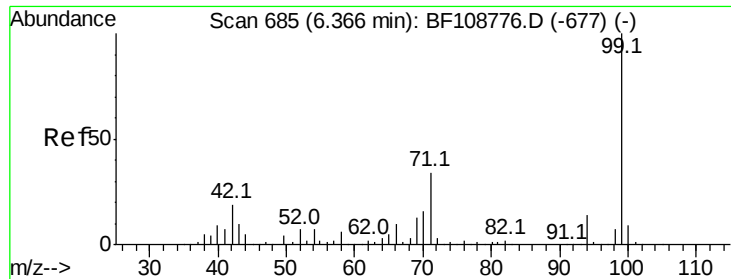
Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.1	32.2	48.2
65	24.1	16.4	24.6





#7

Phenol-d6

Concen: 83.532 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108874.D

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Instrument :

BNA_F

ClientSampleId :

PB112683BSD

Tot Ion: 99 Resp: 1445896

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

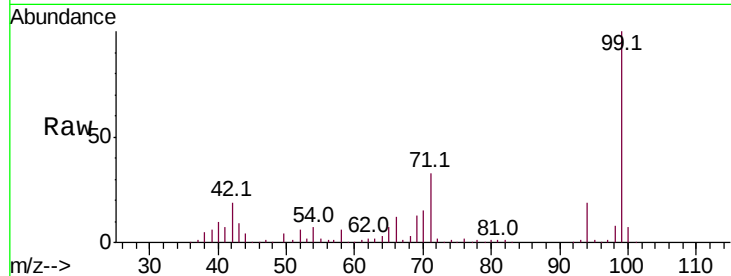
71 32.7 25.4 38.0

Manual Integrations

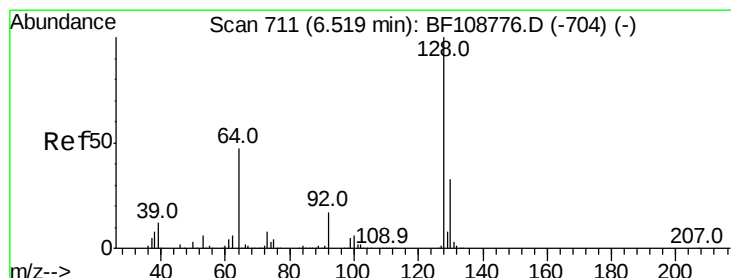
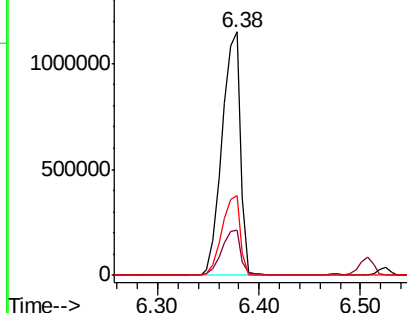
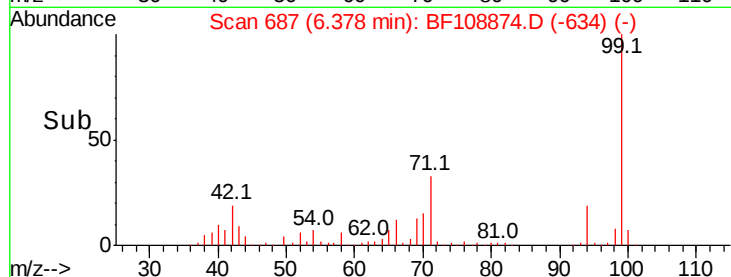
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.504 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

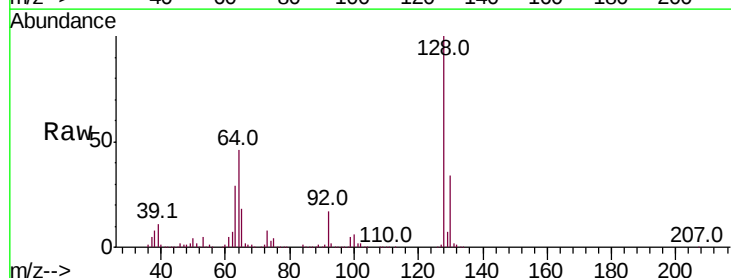
Tgt Ion:128 Resp: 618029

Ion Ratio Lower Upper

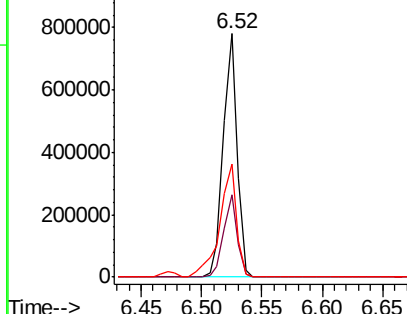
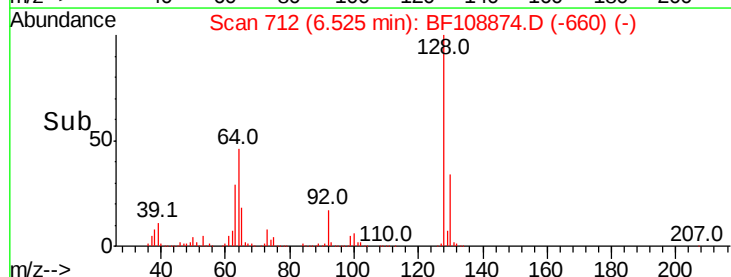
128 100

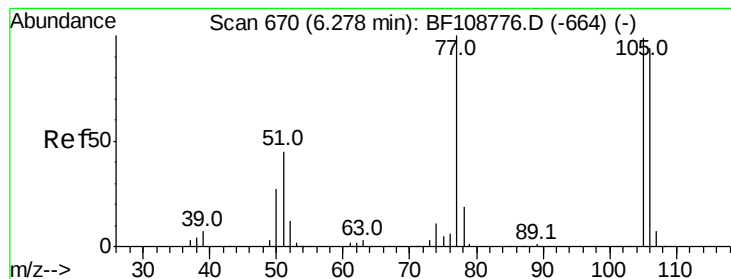
130 33.7 13.0 53.0

64 46.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 29.214 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

ClientSampled :

PB112683BSD

Tot Ion: 77 Resp: 358742

Ion Ratio Lower Upper

77 100

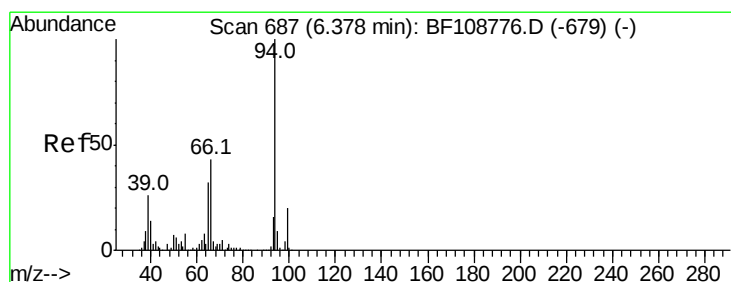
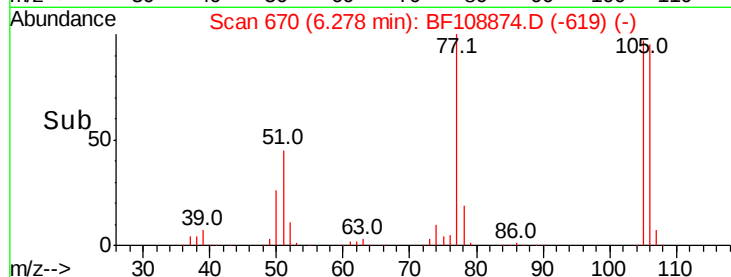
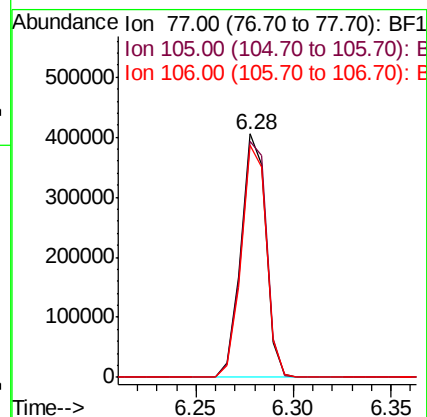
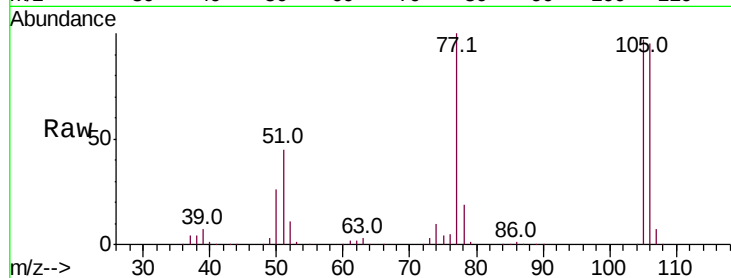
105 96.7 81.1 121.1

106 95.3 74.5 114.5

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#10

Phenol

Concen: 39.051 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

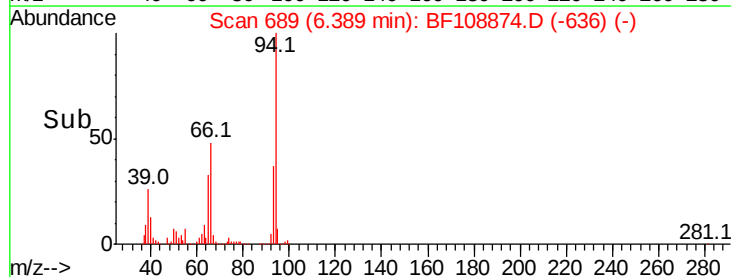
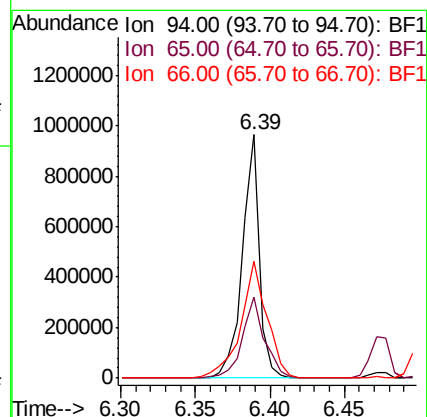
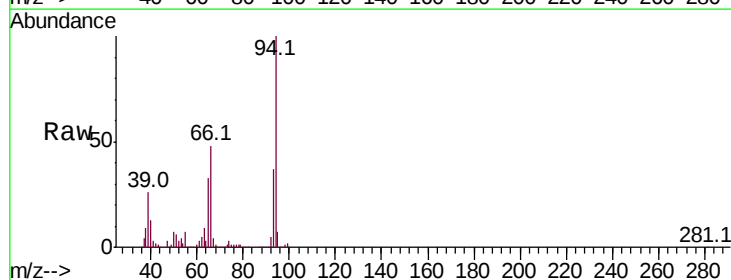
Tgt Ion: 94 Resp: 774217

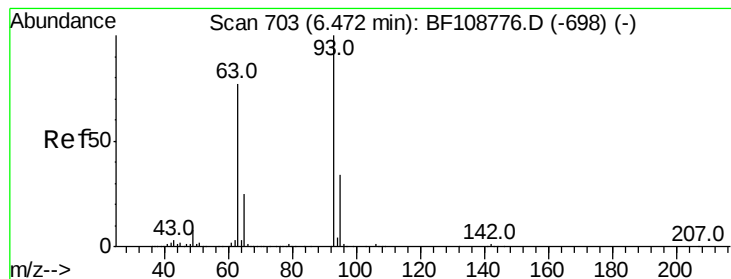
Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

66 48.1 16.2 56.2





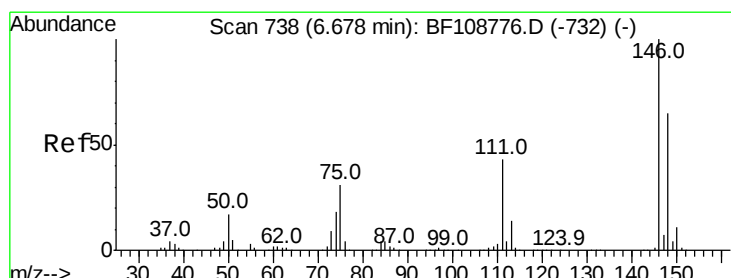
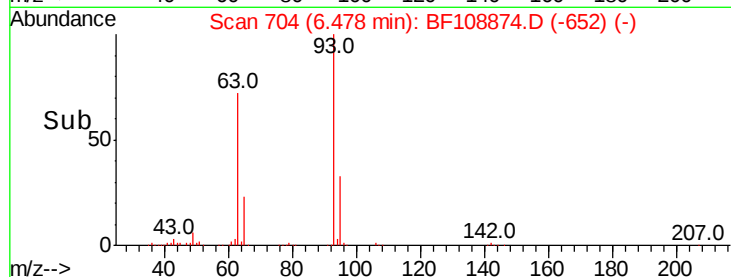
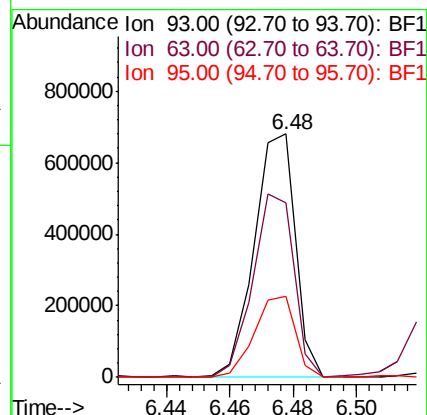
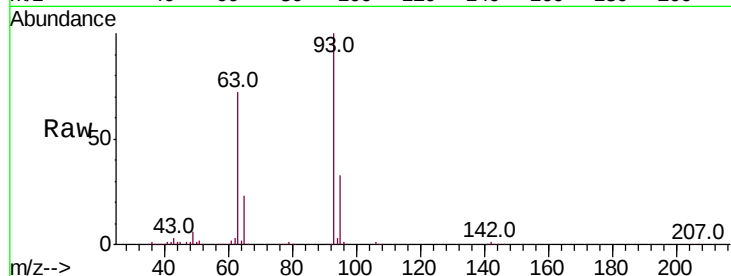
#11
bis(2-Chloroethyl)ether
Concen: 38.611 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	613225		
63	71.7	58.6	98.6	
95	33.3	11.8	51.8	

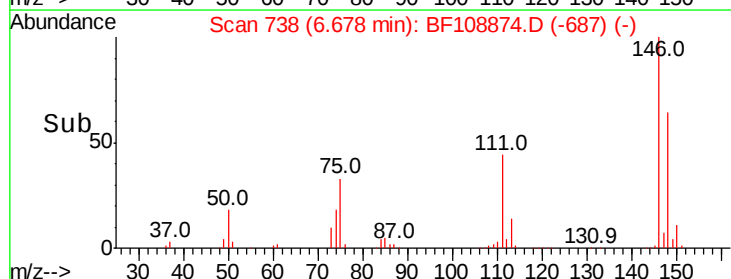
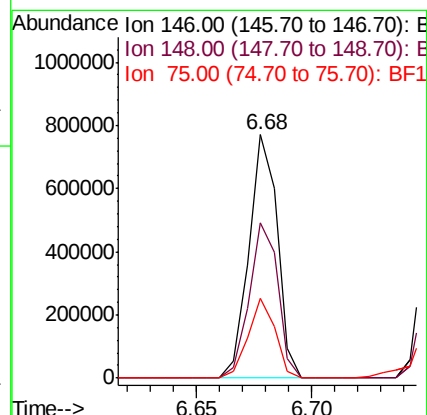
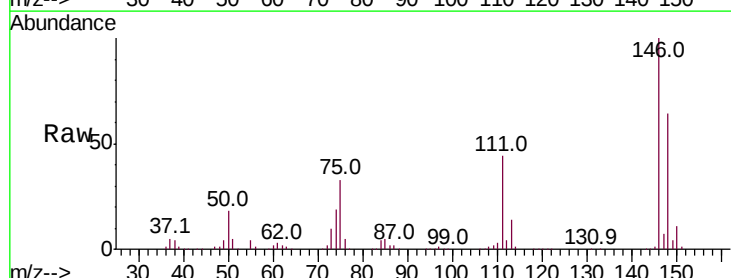
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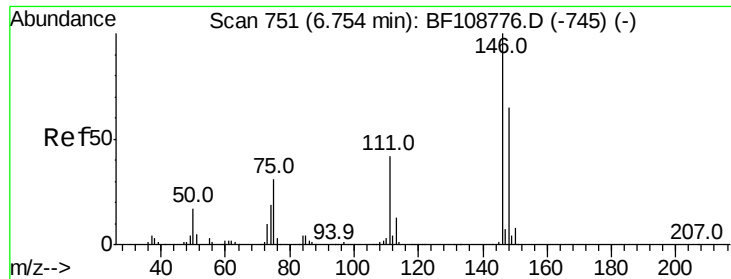
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#12
1,3-Dichlorobenzene
Concen: 39.144 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	665156		
148	64.0	51.8	77.8	
75	32.9	24.2	36.4	





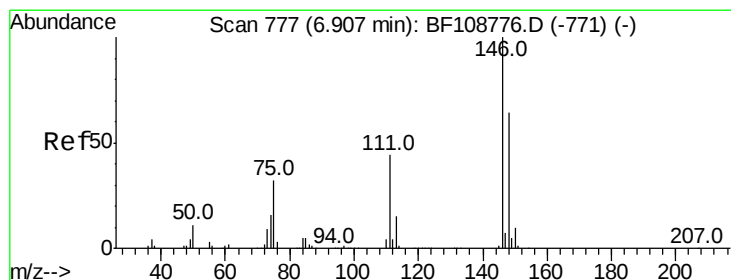
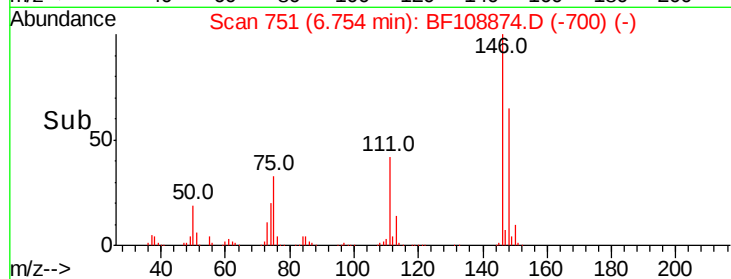
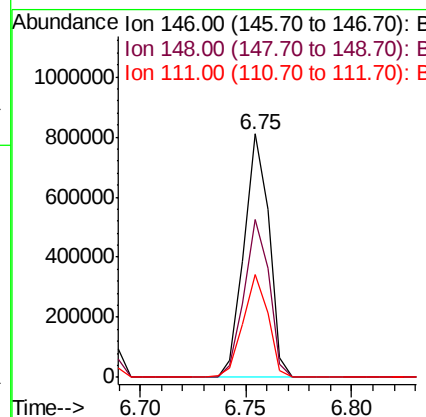
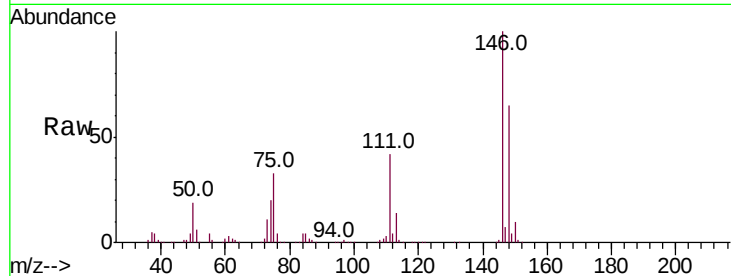
#13
 1,4-Dichlorobenzene
 Concen: 39.170 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampled :
 PB112683BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	42.3	34.2	51.2

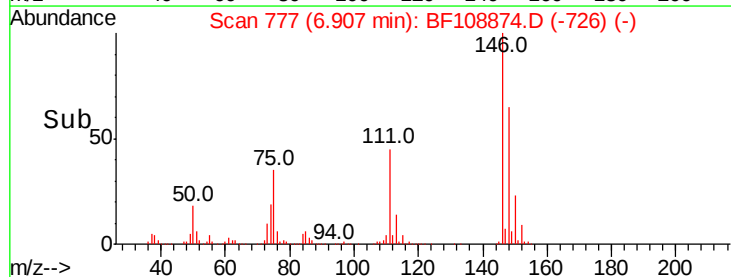
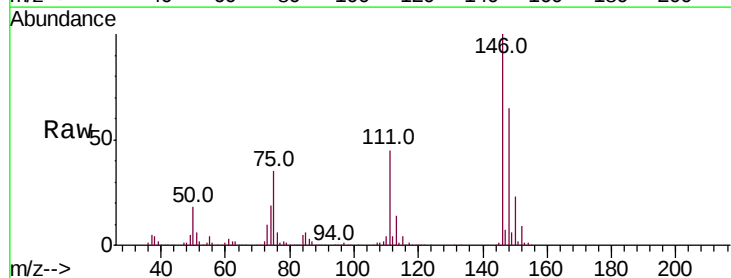
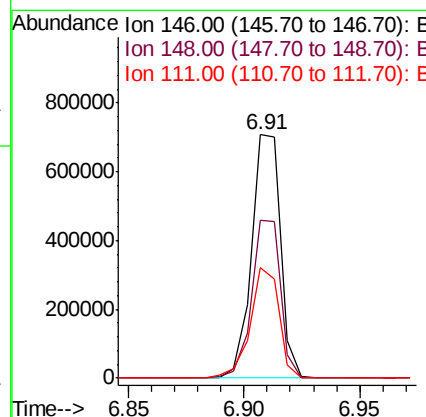
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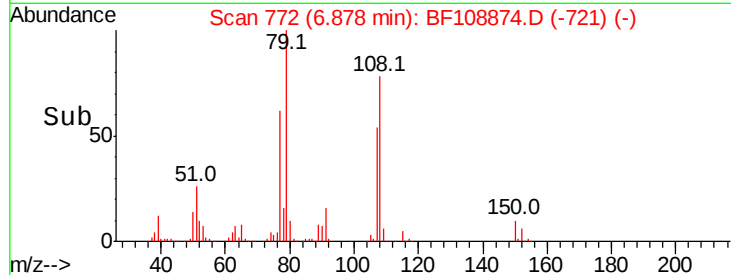
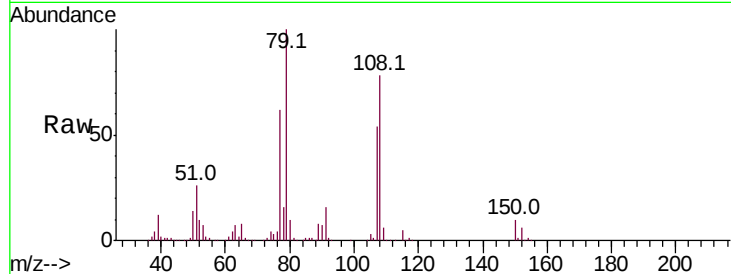
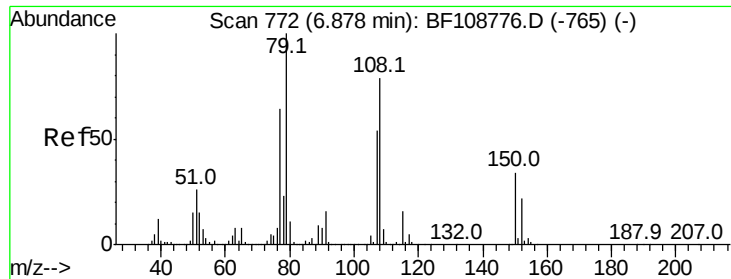
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#14
 1,2-Dichlorobenzene
 Concen: 39.718 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	45.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.519 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Tot Ion:	79	Resp:	551535
Ion Ratio	Lower	Upper	
79	100		
108	77.5	65.1	97.7
77	62.0	50.6	75.8

Instrument :

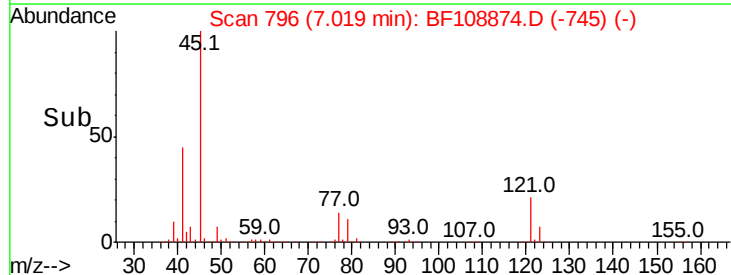
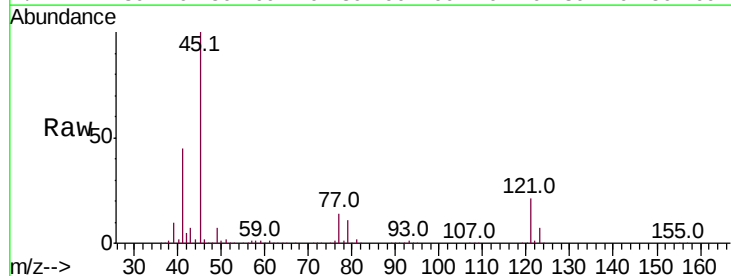
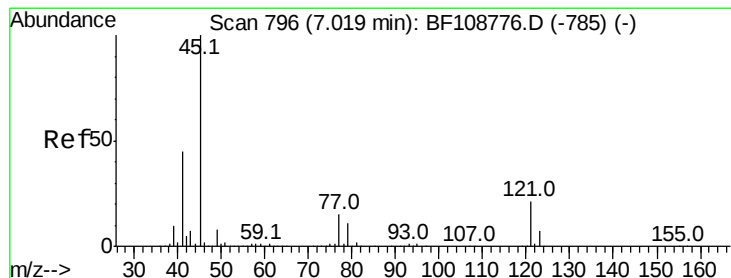
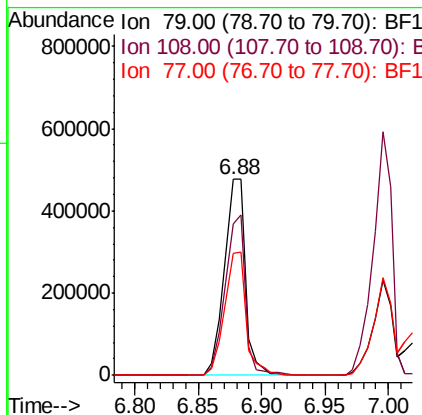
BNA_F

ClientSampleId :

PB112683BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.847 ng

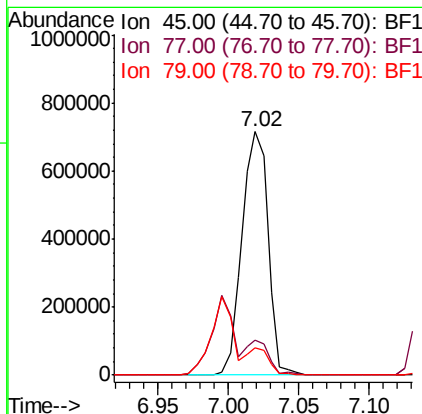
RT: 7.02 min Scan# 796

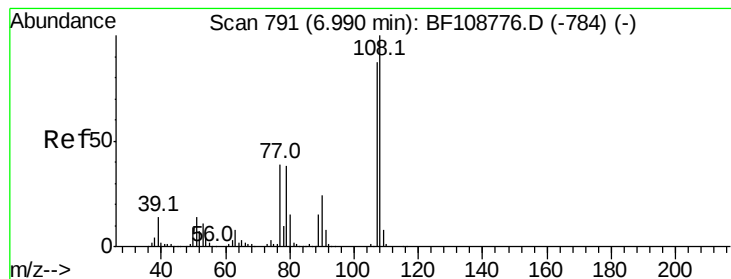
Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Tgt Ion:	45	Resp:	922240
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	32.9
79	11.2	0.0	29.6





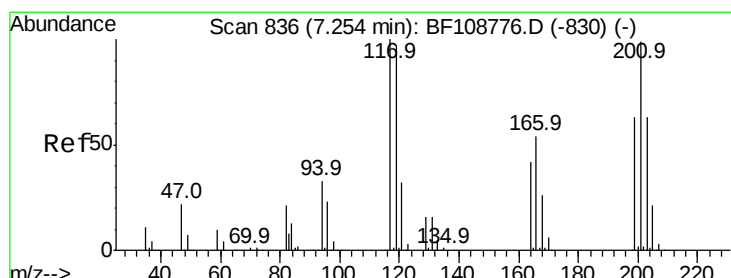
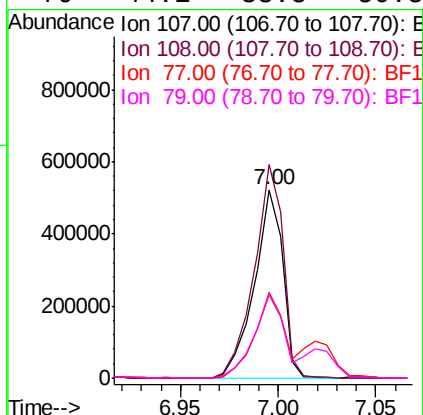
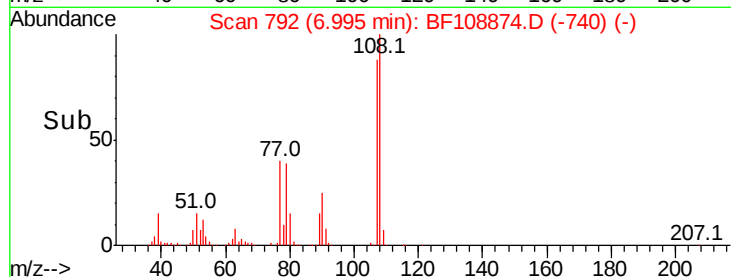
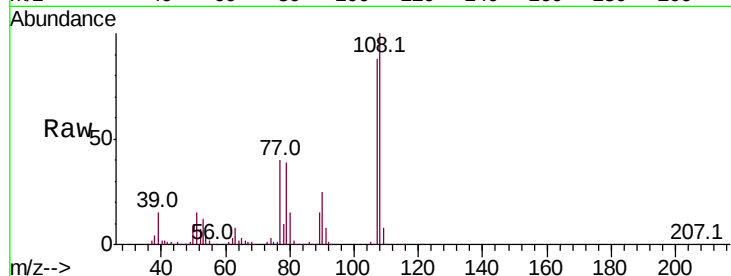
#17
2-Methylphenol
Concen: 41.778 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.7	137.5	
77	45.2	33.8	50.8	
79	44.1	33.8	50.8	

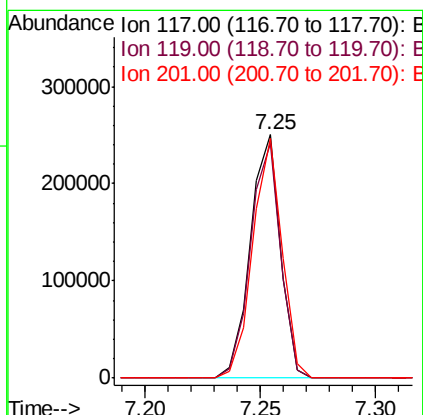
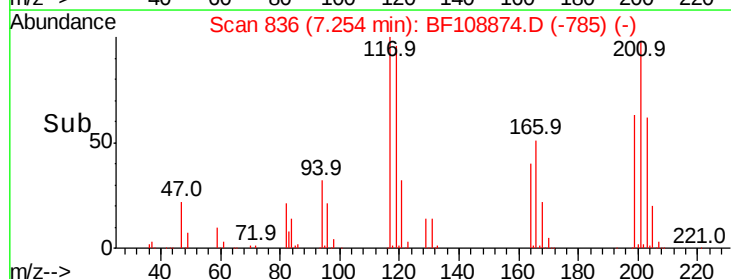
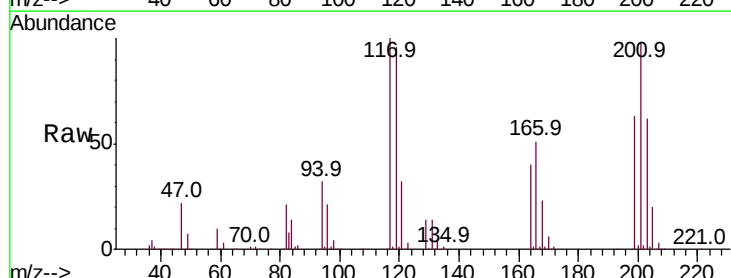
Manual Integrations
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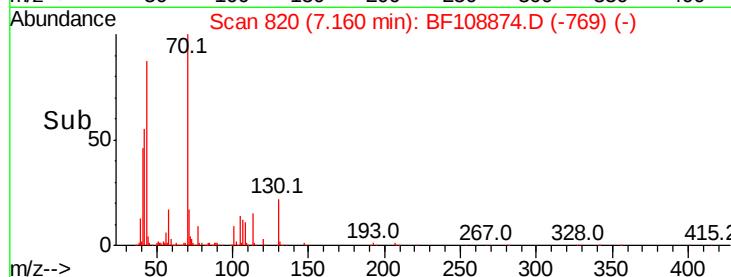
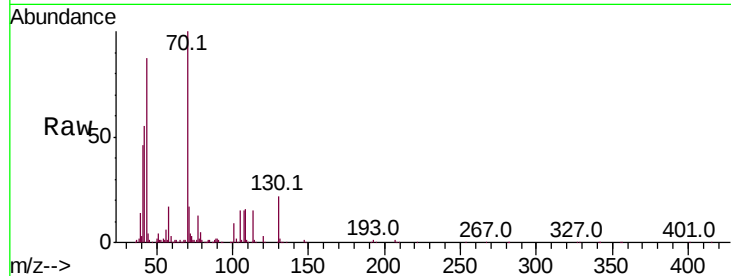
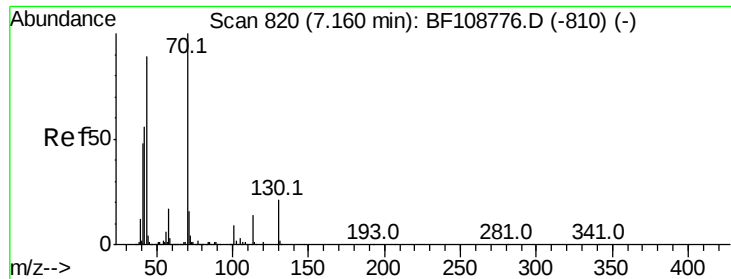
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#18
Hexachloroethane
Concen: 37.195 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	75.8	113.8	
201	98.2	75.7	113.5	





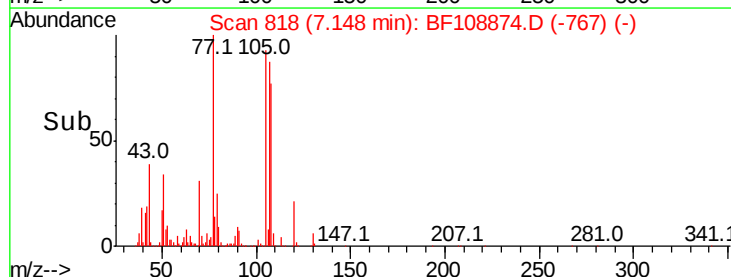
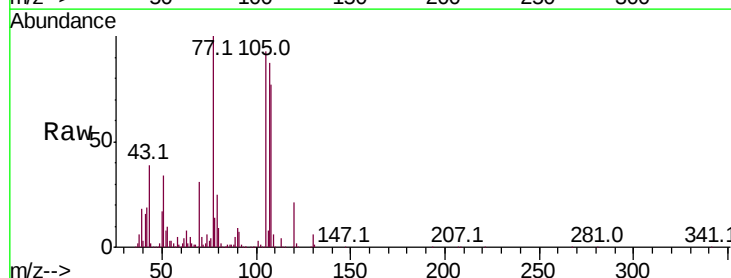
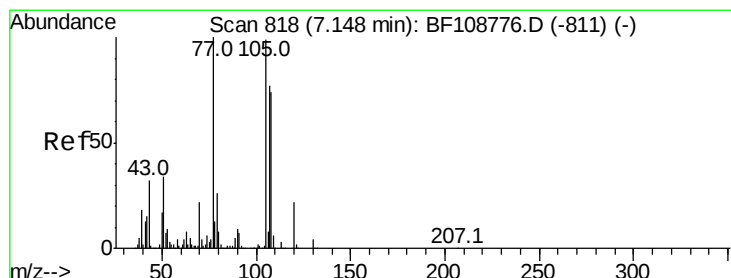
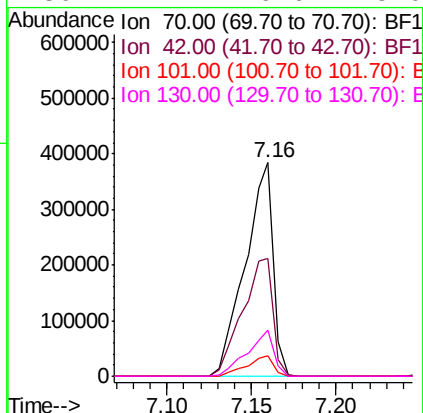
#19
n-Nitroso-di-n-propylamine
Concen: 37.026 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Manual Integrations
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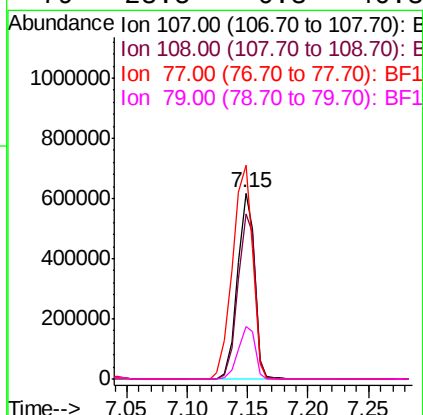
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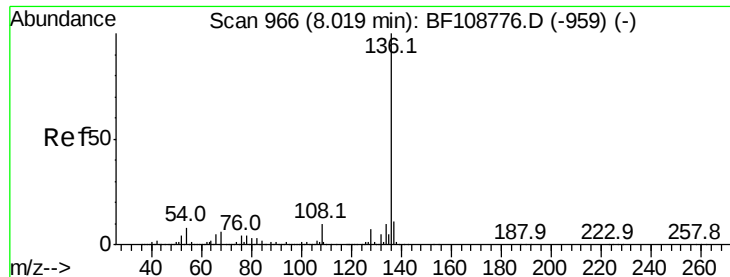
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	9.5	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.229 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	115.0	26.7	66.7#
79	28.5	6.3	46.3





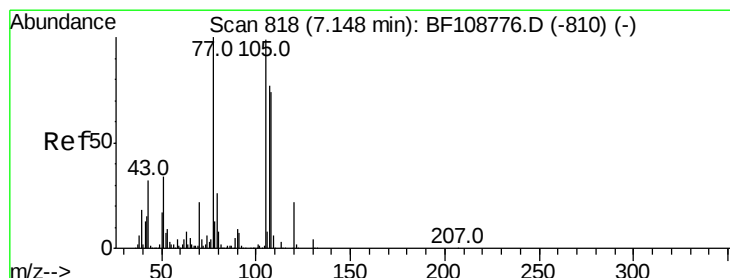
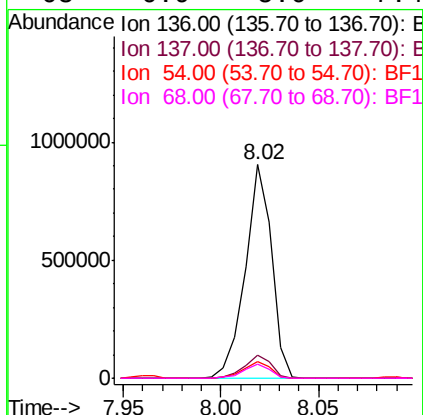
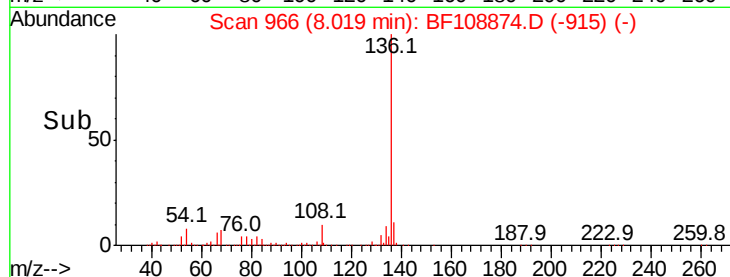
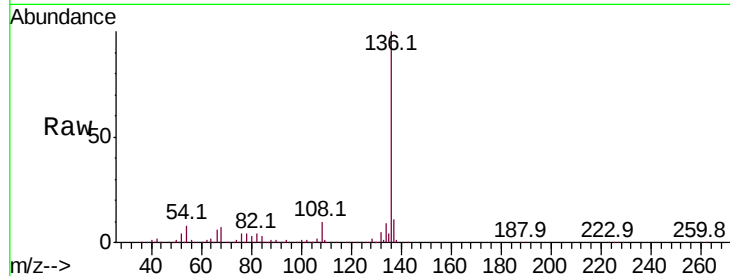
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	8.0	6.6	9.8	
68	6.9	5.0	7.4	

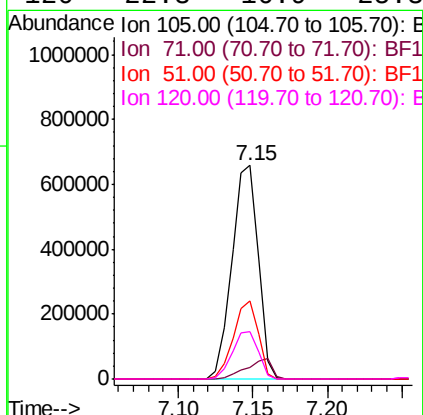
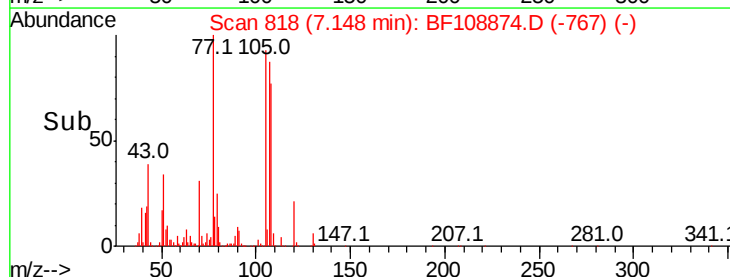
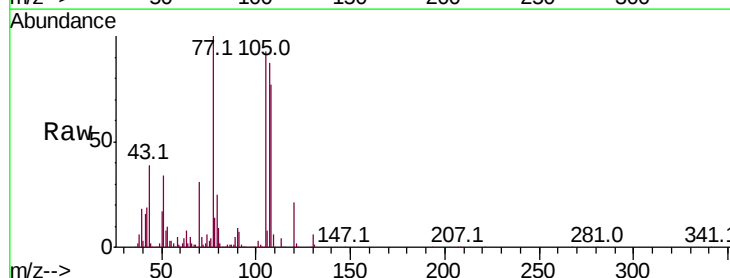
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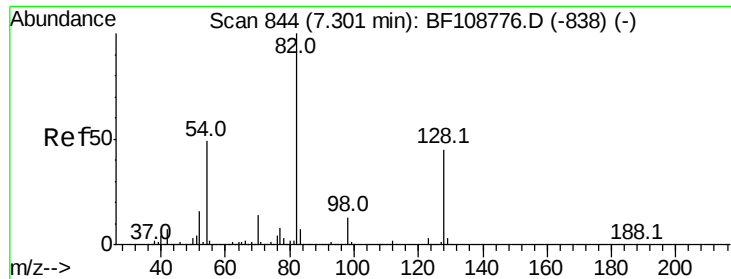
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#22
Acetophenone
Concen: 42.320 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	4.4	6.6	
51	36.7	22.3	33.5	
120	22.3	16.9	25.3	





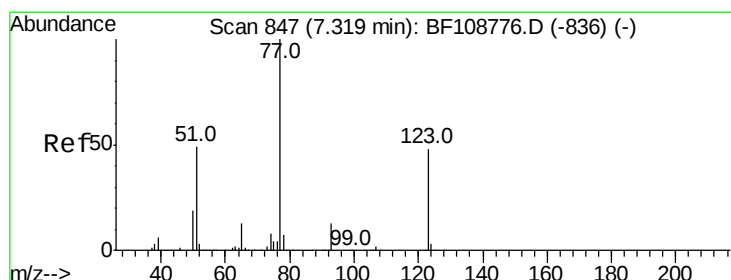
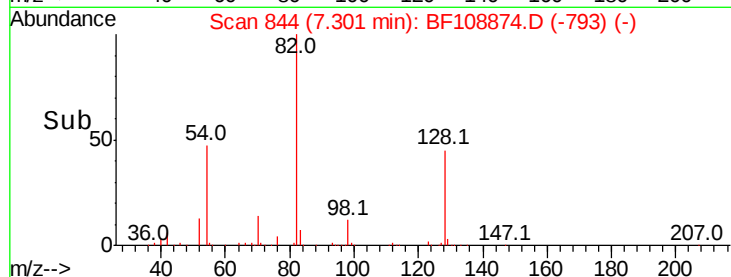
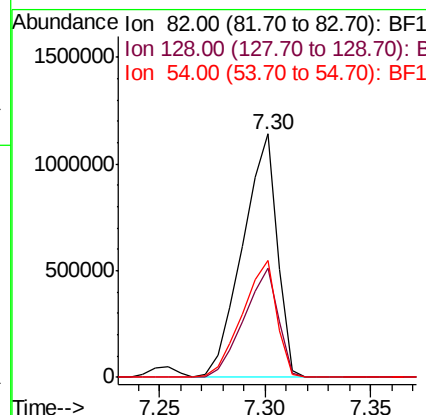
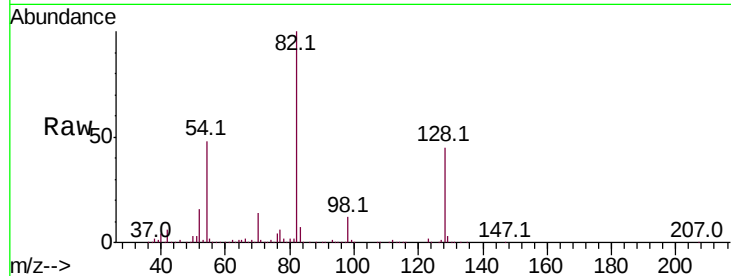
#23
Nitrobenzene-d5
Concen: 95.806 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampled :
PB112683BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	48.0	41.4	62.2

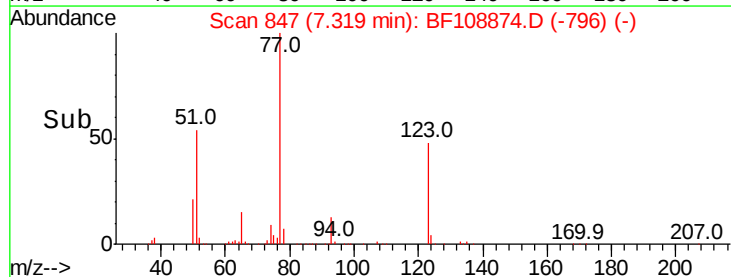
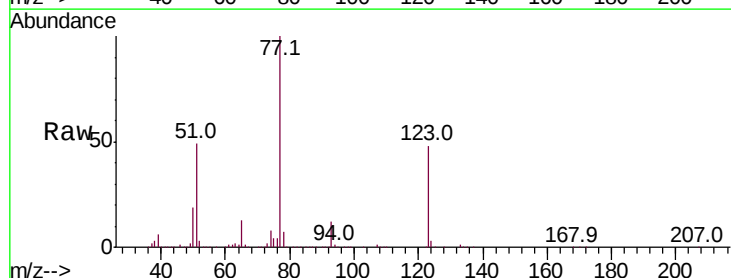
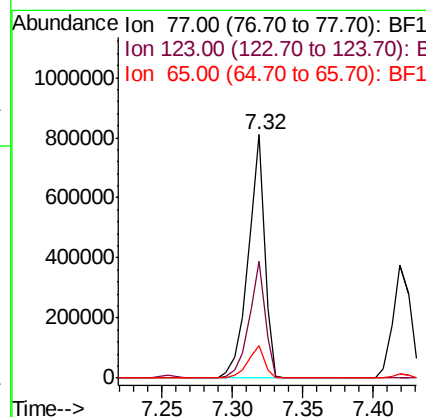
Manual Integrations
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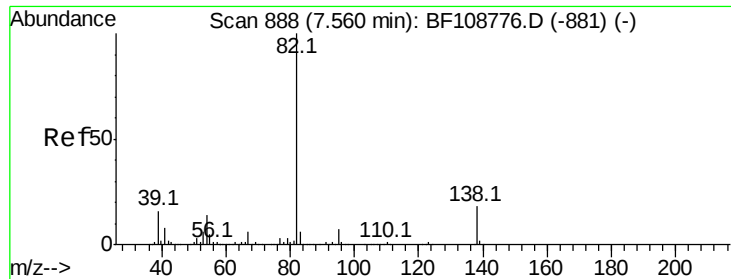
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#24
Nitrobenzene
Concen: 45.221 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 45.873 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

ClientSampleId :

PB112683BSD

Tot Ion: 82 Resp: 1238259

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

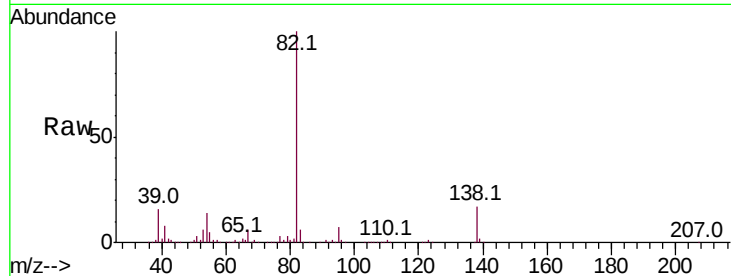
138 17.3 14.9 22.3

Manual Integrations

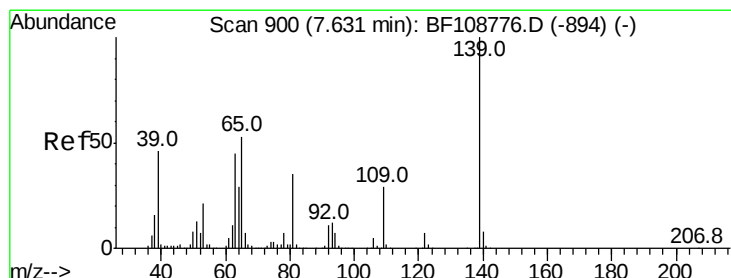
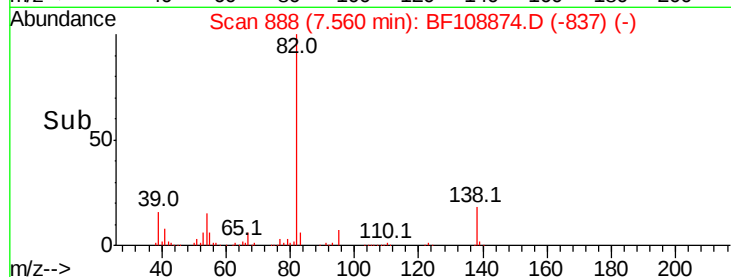
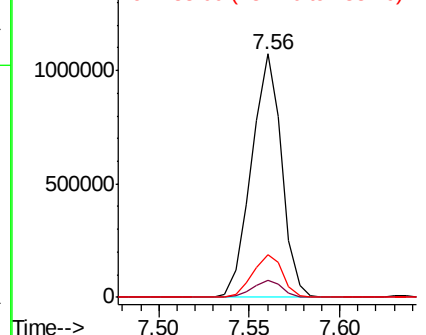
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.013 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

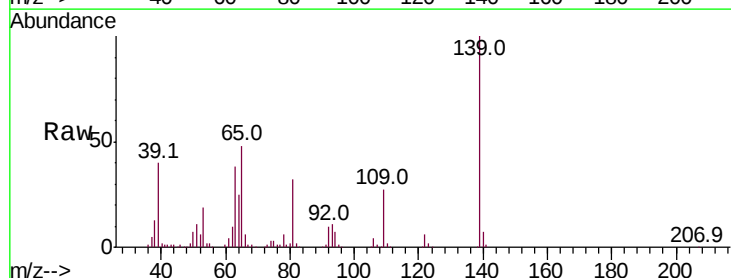
Tgt Ion: 139 Resp: 286095

Ion Ratio Lower Upper

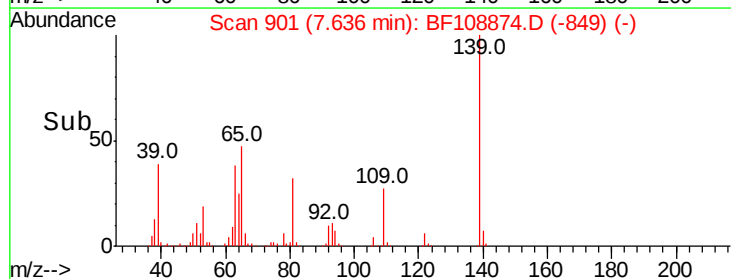
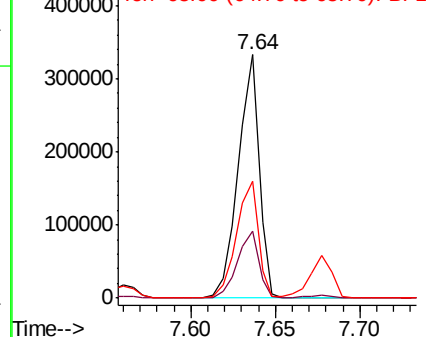
139 100

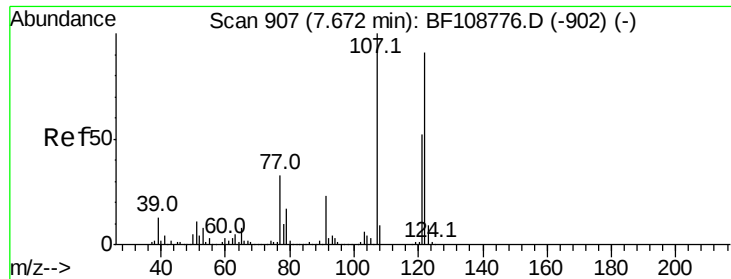
109 27.3 22.7 34.1

65 47.8 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





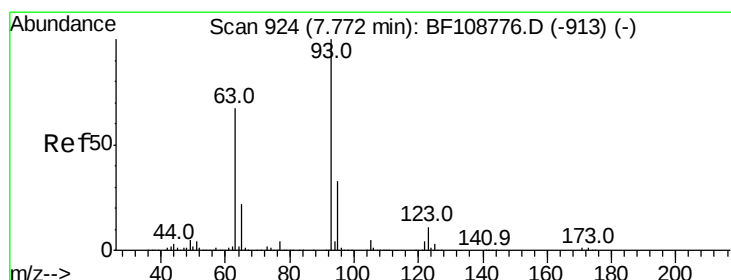
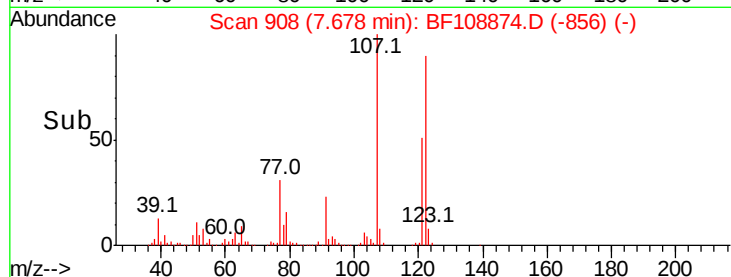
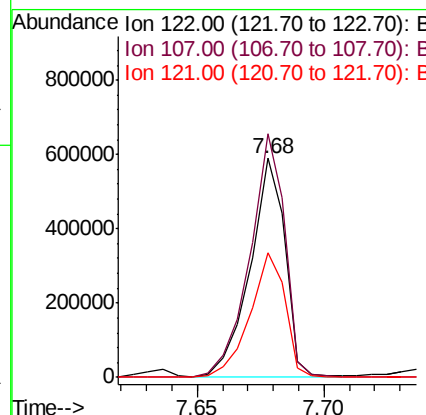
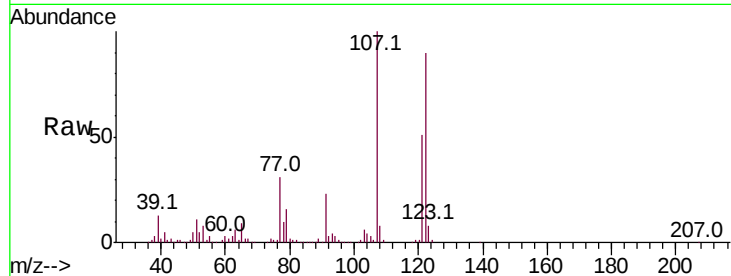
#27
2,4-Dimethylphenol
Concen: 48.899 ng
RT: 7.68 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	568033		
107	111.2	91.2	136.8	
121	57.0	47.2	70.8	

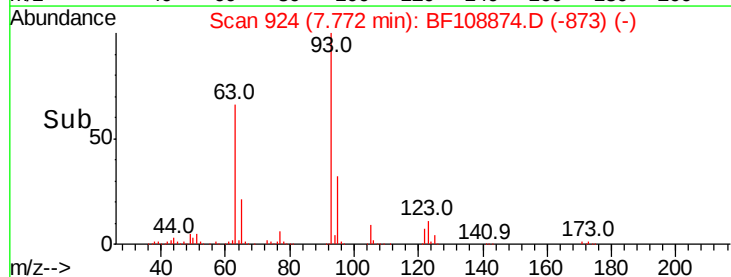
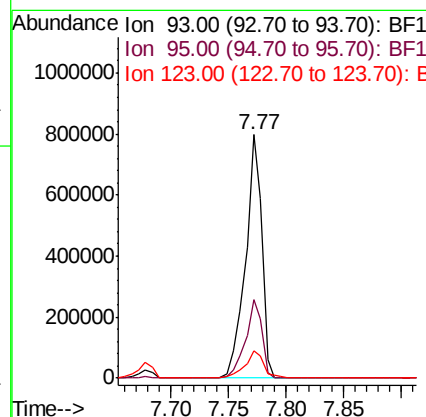
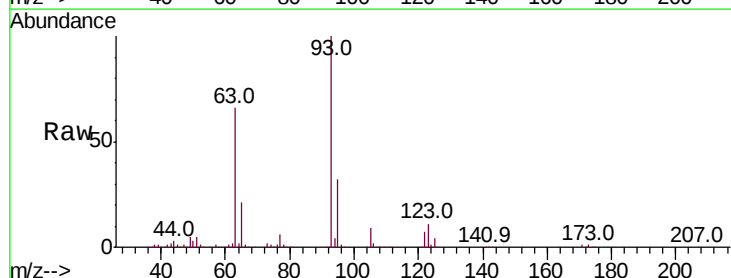
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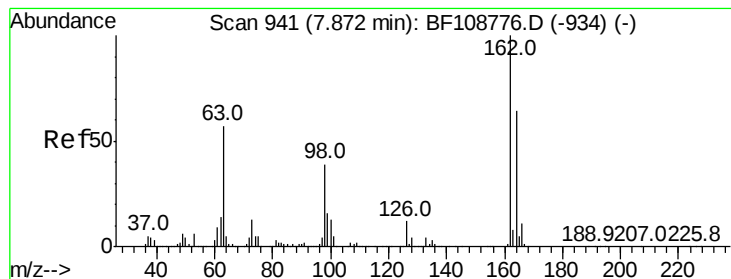
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#28
bis(2-Chloroethoxy)methane
Concen: 43.203 ng
RT: 7.77 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	779687		
95	32.5	26.3	39.5	
123	11.4	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 43.569 ng

RT: 7.88 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

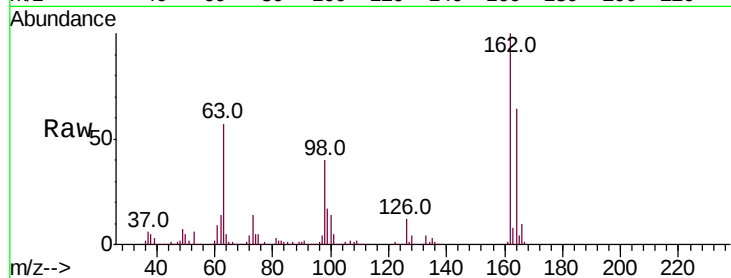
ClientSampleId :

PB112683BSD

Tot Ion:	162	Resp:	521870
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.7	82.7
98	39.7	18.1	58.1

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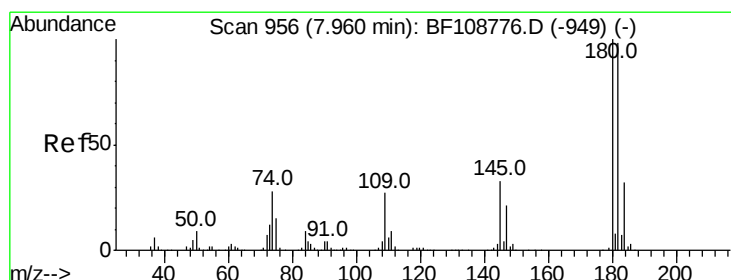
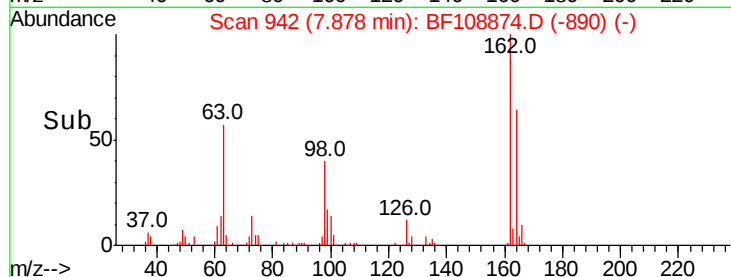
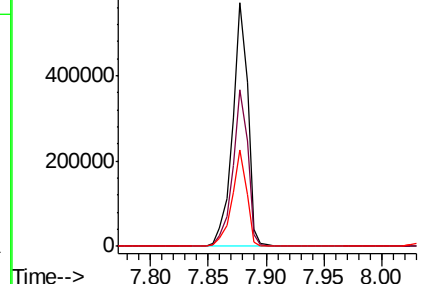
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.210 ng

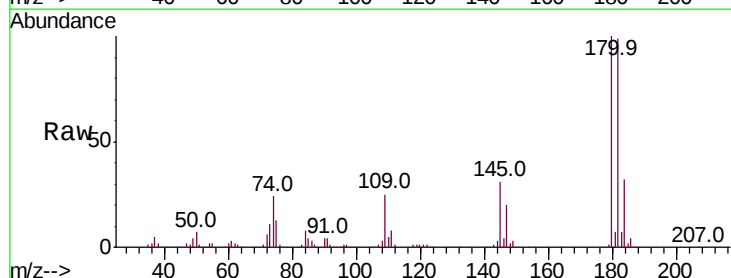
RT: 7.97 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

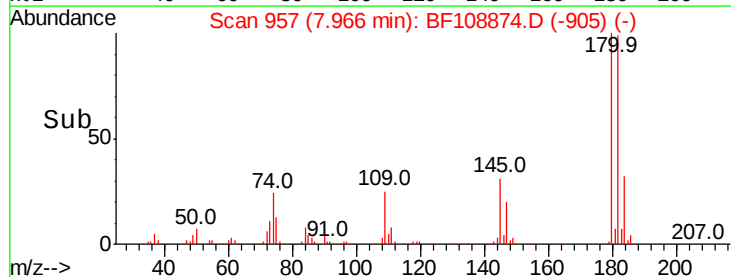
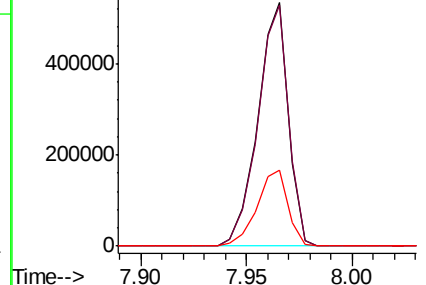
Tgt Ion:	180	Resp:	534952
Ion Ratio	Lower	Upper	
180	100		
182	99.3	76.8	115.2
145	31.0	26.5	39.7

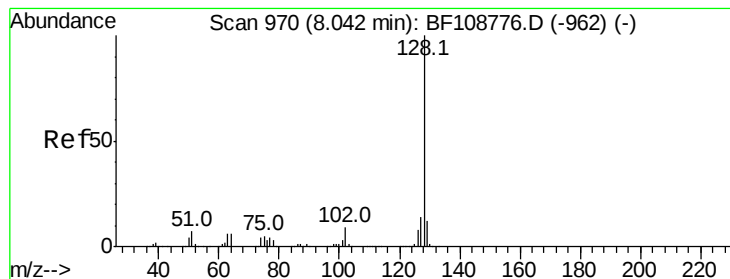


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.506 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

ClientSampleId :

PB112683BSD

Tot Ion:128 Resp: 1733835

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

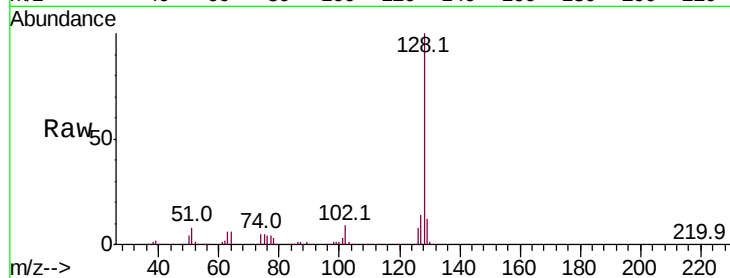
127 14.0 10.9 16.3

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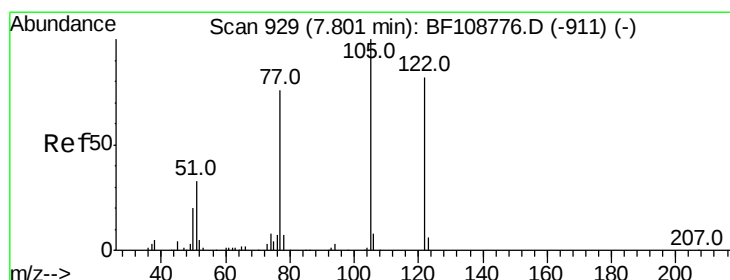
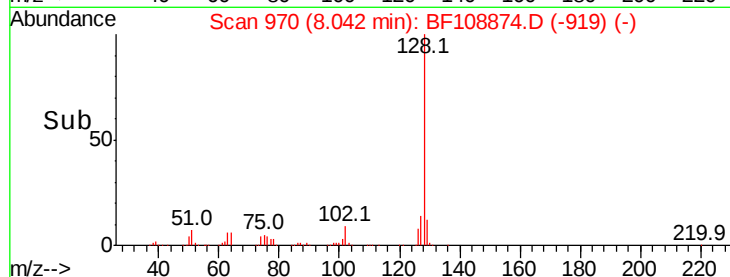
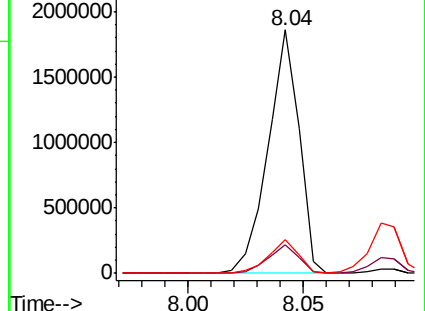
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.456 ng m

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

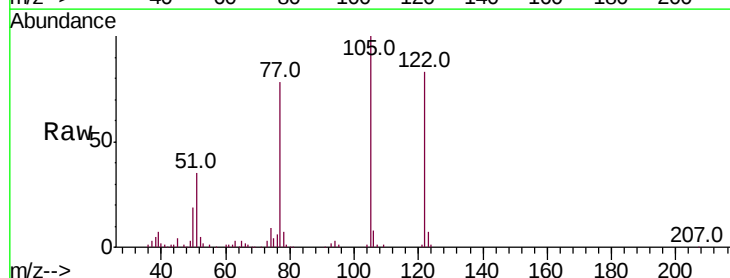
Tgt Ion:122 Resp: 278626

Ion Ratio Lower Upper

122 100

105 120.3 101.1 141.1

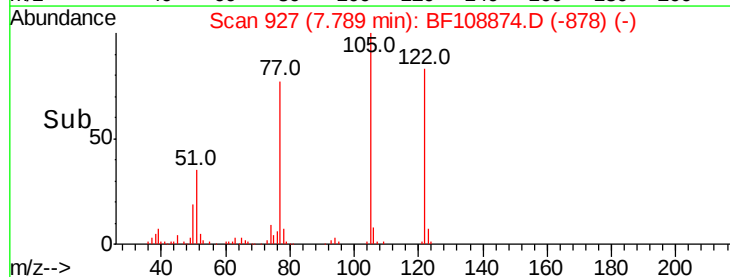
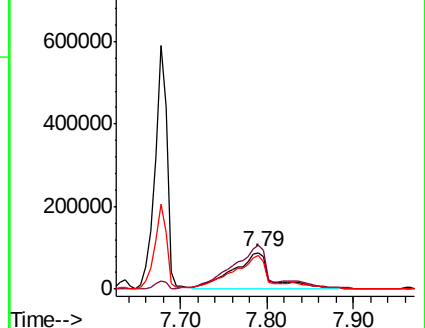
77 93.4 70.7 110.7

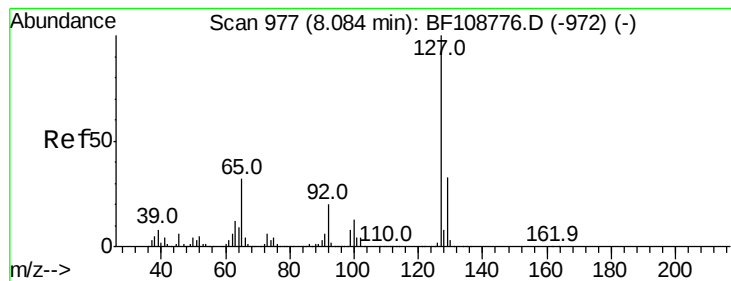


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





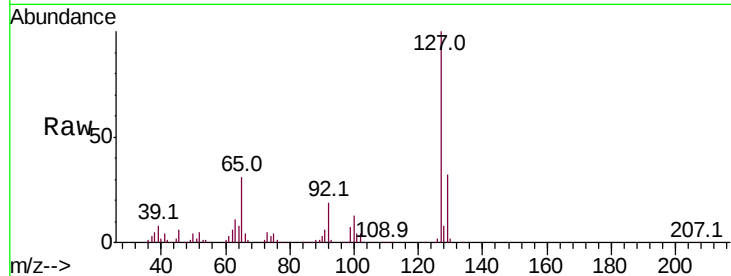
#33
4-Chloroaniline
Concen: 21.477 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

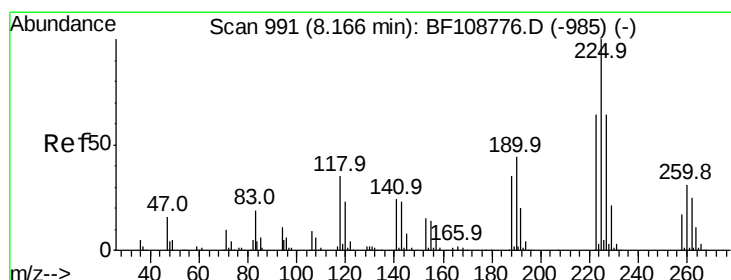
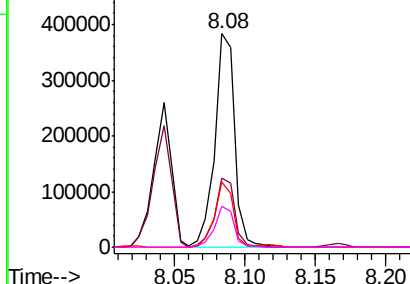
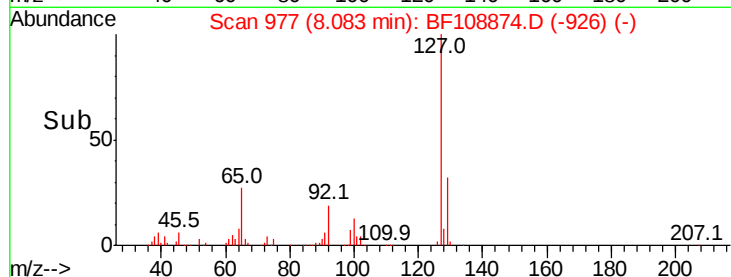
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	30.8	25.0	37.4	
92	19.3	15.2	22.8	

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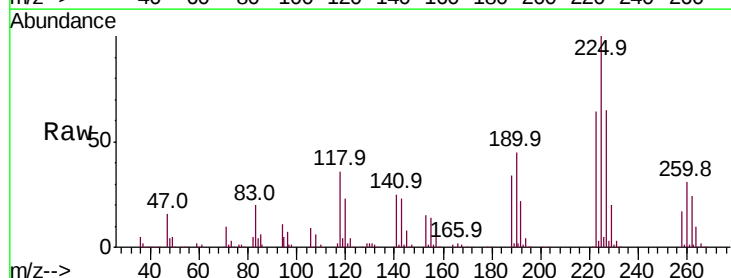


Abundance Ion 127.00 (126.70 to 127.70): E
600000 Ion 129.00 (128.70 to 129.70): E
500000 Ion 65.00 (64.70 to 65.70): BF1
400000 Ion 92.00 (91.70 to 92.70): BF1

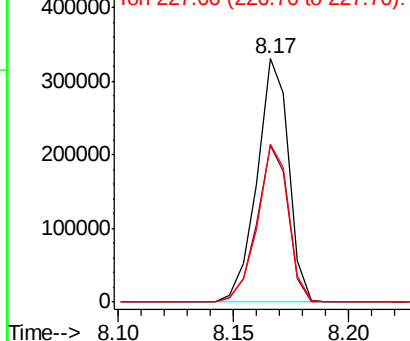
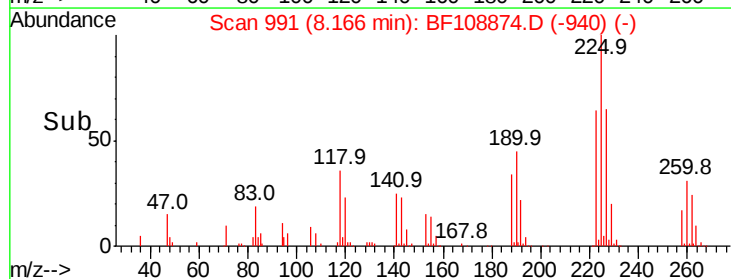


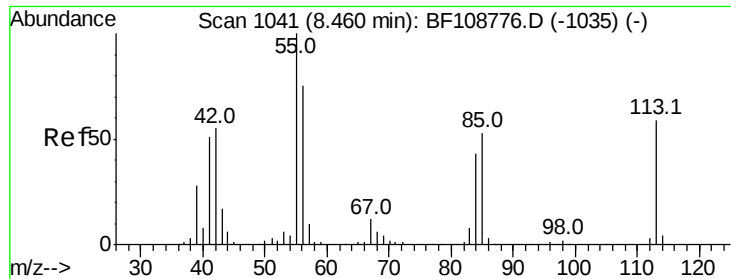
#34
Hexachlorobutadiene
Concen: 40.670 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	50.6	76.0	
227	65.1	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
400000 Ion 223.00 (222.70 to 223.70): E
300000 Ion 227.00 (226.70 to 227.70): E





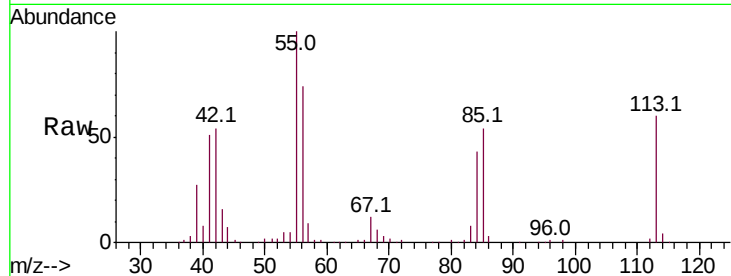
#35
 Caprolactam
 Concen: 45.277 ng/ml
 RT: 8.46 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

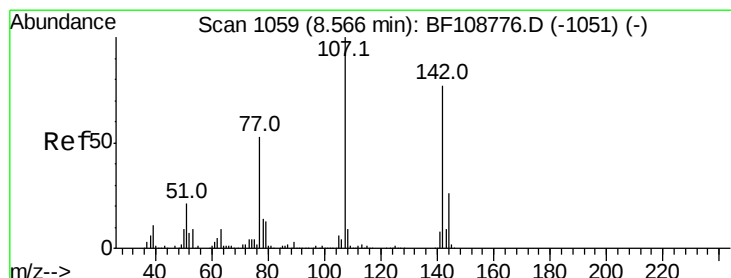
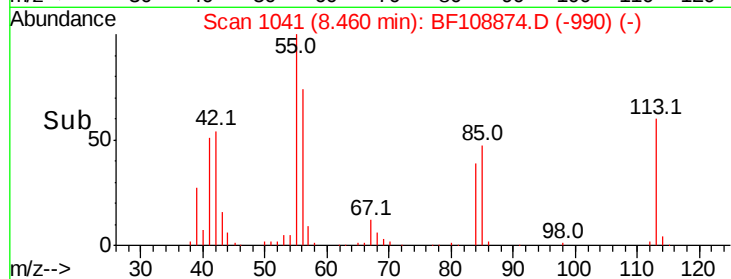
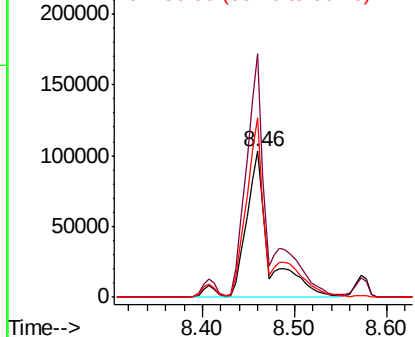
Tot Ion	Ratio	Lower	Upper
113	100		
55	166.7	163.3	203.3
56	122.8	115.7	155.7

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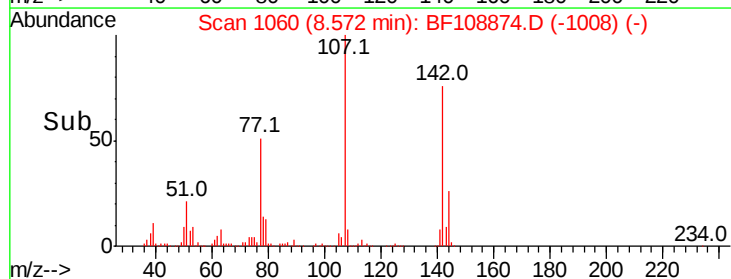
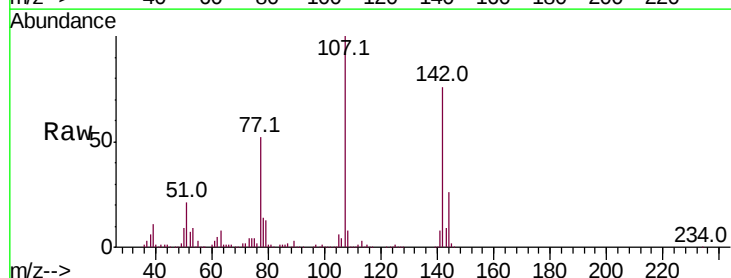
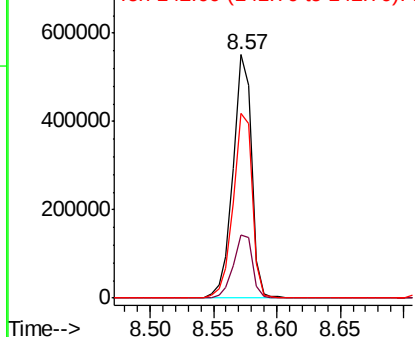
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

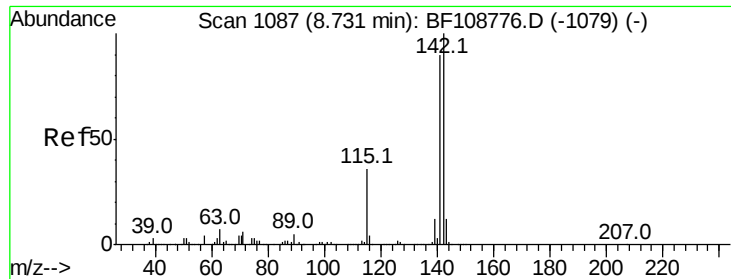


#36
 4-Chloro-3-methylphenol
 Concen: 43.399 ng/ml
 RT: 8.57 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	76.1	62.0	93.0

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





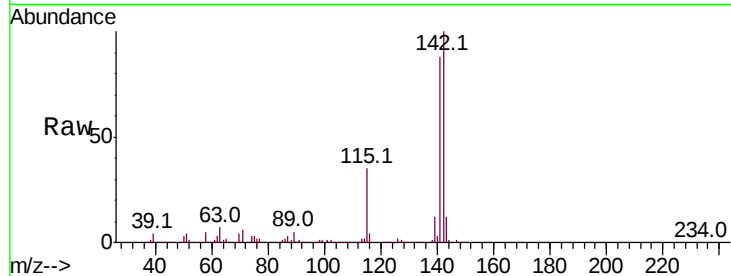
#37
2-Methylnaphthalene
Concen: 46.283 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	35.1	26.1	39.1

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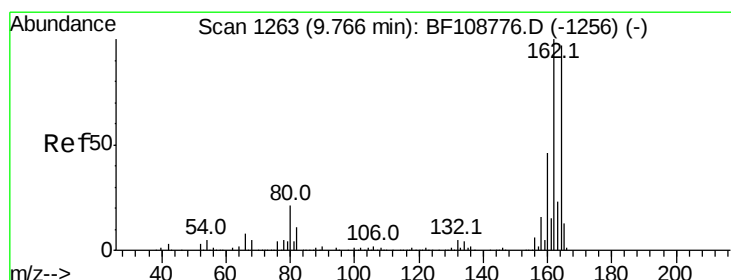
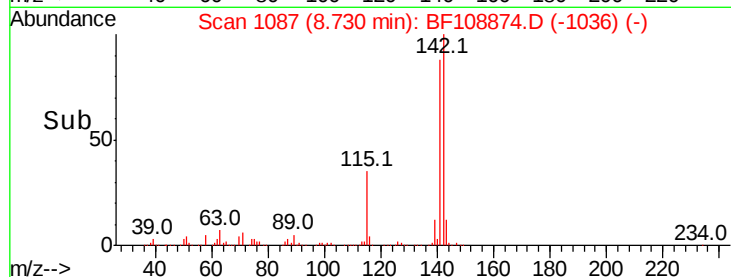
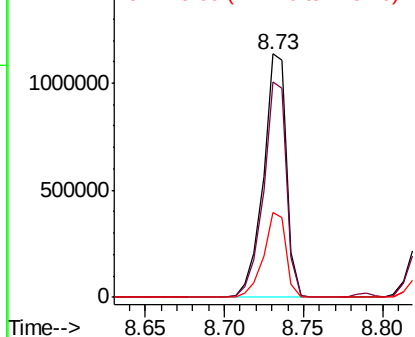


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

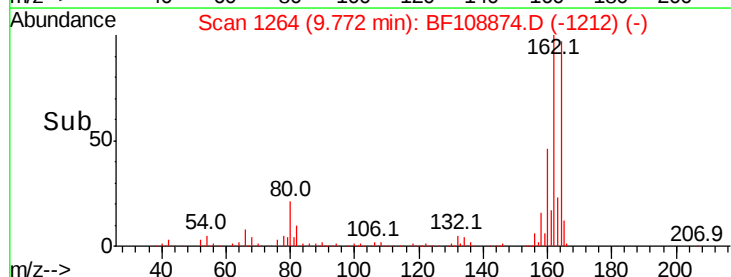
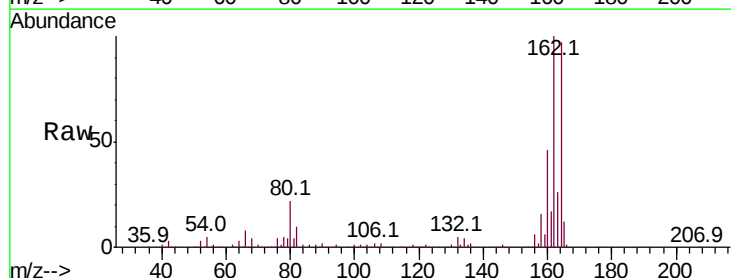
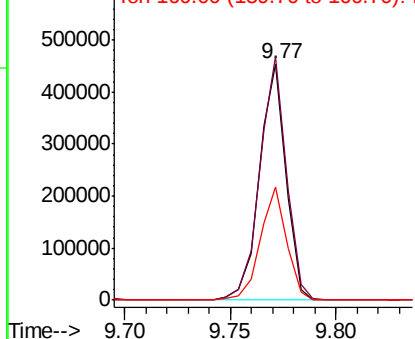
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.8	38.3	57.5

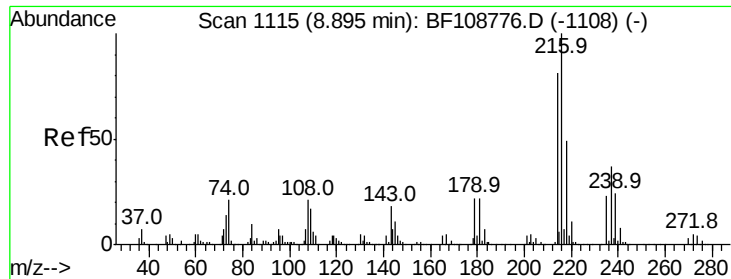
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





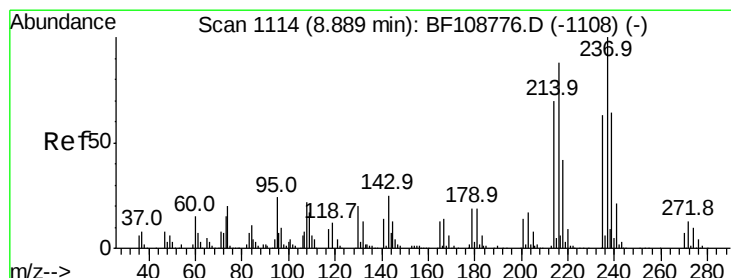
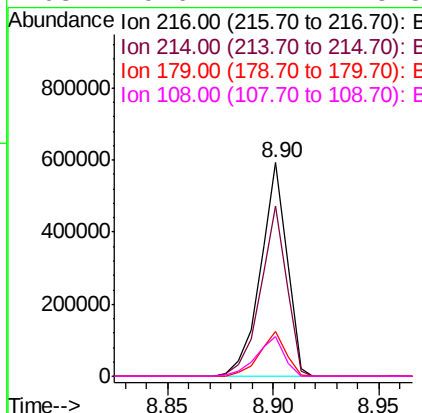
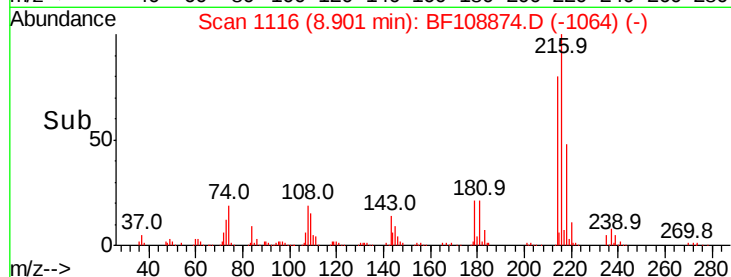
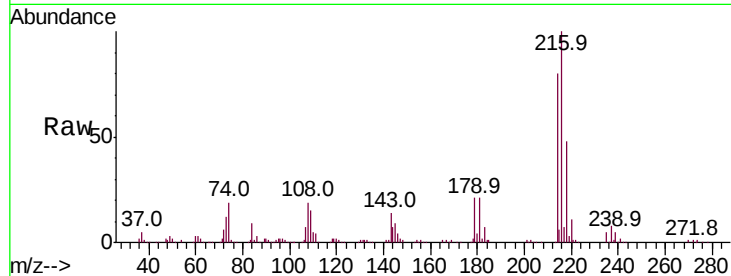
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.536 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	515003		
214	79.3	63.0	94.4	
179	20.9	18.1	27.1	
108	19.6	17.2	25.8	

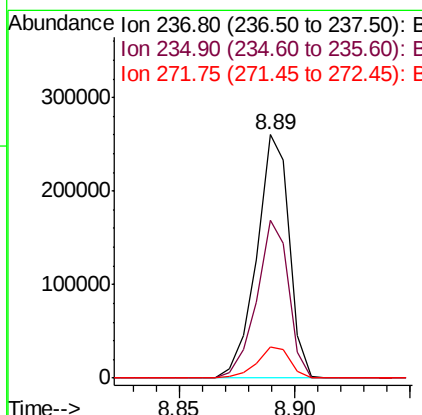
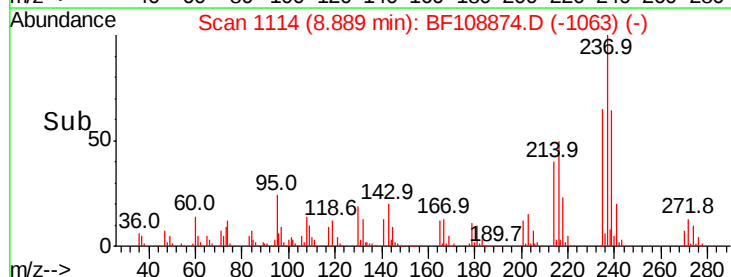
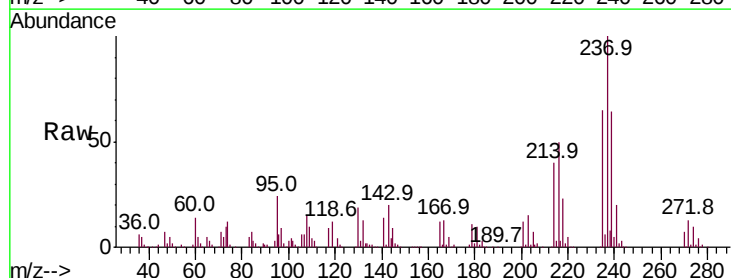
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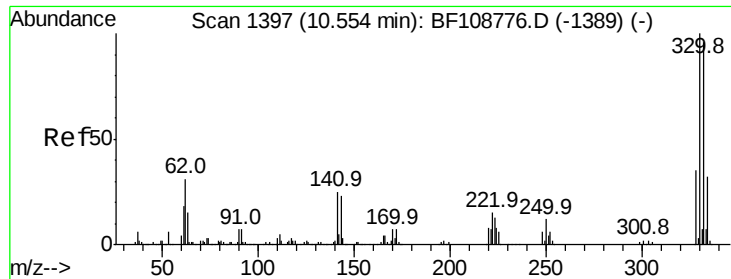
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#40
 Hexachlorocyclopentadiene
 Concen: 42.911 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	255363		
235	65.0	44.8	84.8	
272	12.8	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 87.540 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

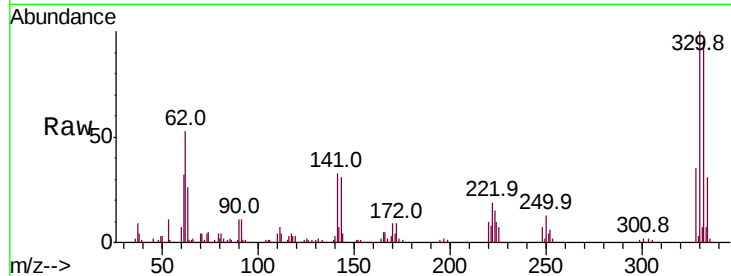
ClientSampleId :

PB112683BSD

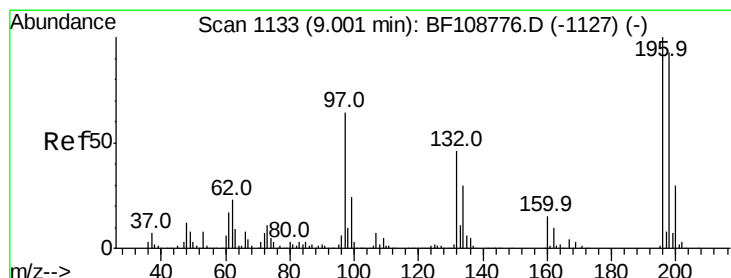
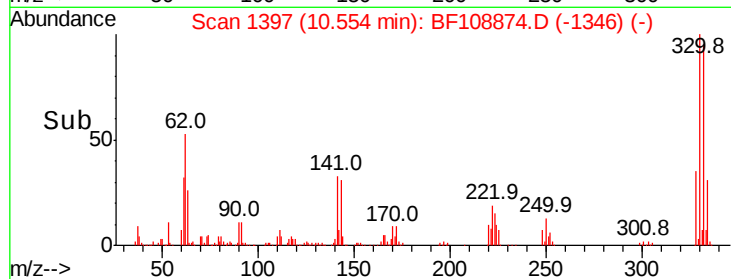
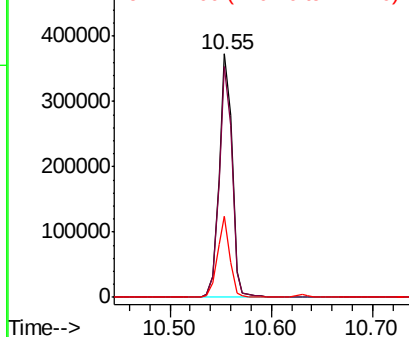
Tot Ion:	330	Resp:	330706
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	31.8	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 45.688 ng

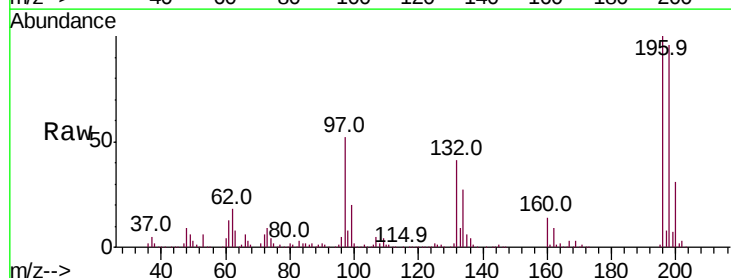
RT: 9.01 min Scan# 1135

Delta R.T. 0.01 min

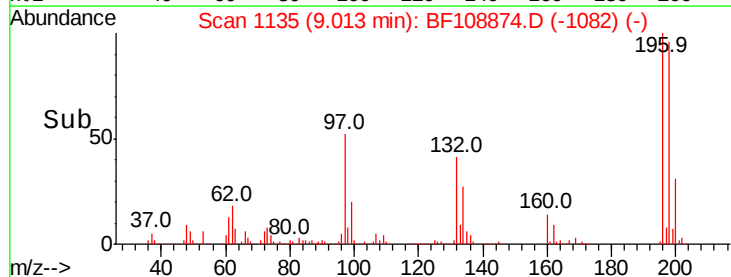
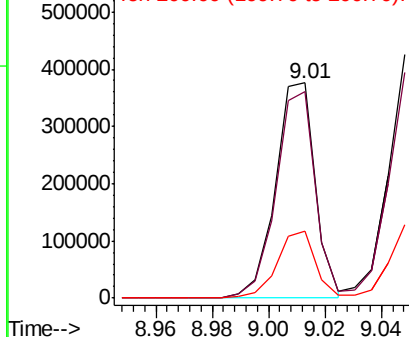
Lab File: BF108874.D

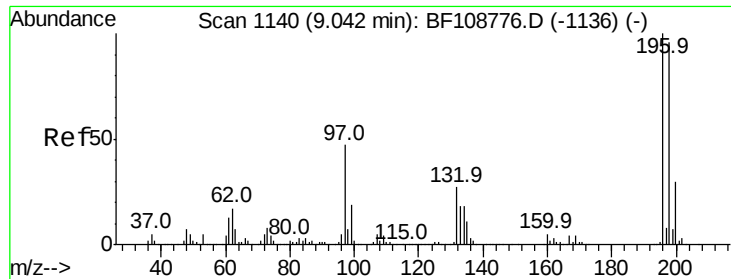
Acq: 7 Sep 2018 21:21

Tgt Ion:	196	Resp:	368122
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.7	113.5
200	30.9	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





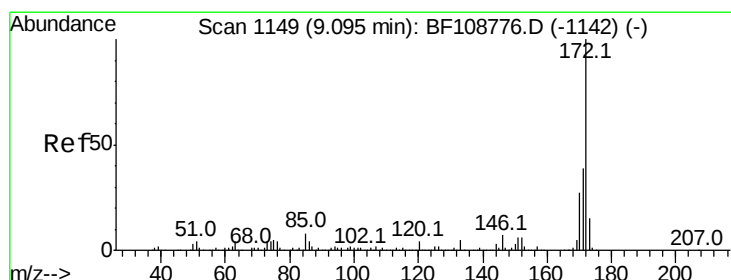
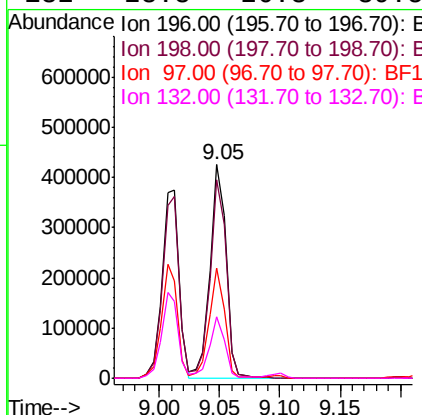
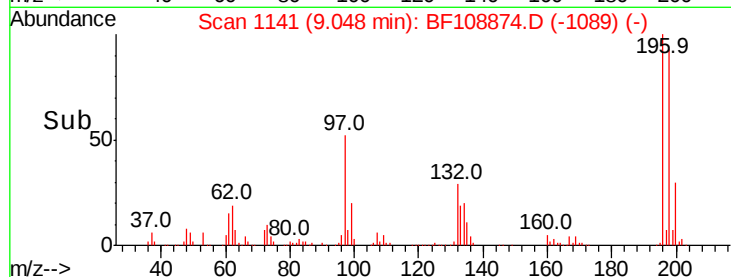
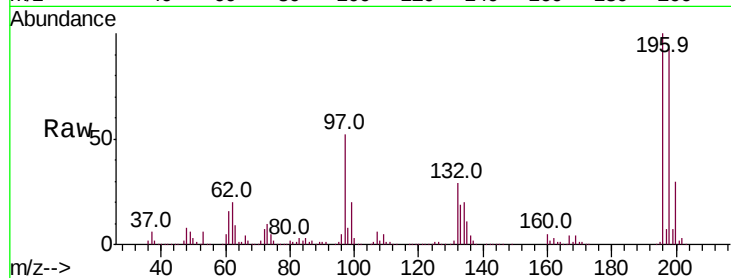
#43
 2,4,5-Trichlorophenol
 Concen: 46.686 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion:	196	Resp:	389920
Ion Ratio	Lower	Upper	
196	100		
198	92.8	74.6	112.0
97	51.7	42.9	64.3
132	28.8	26.3	39.5

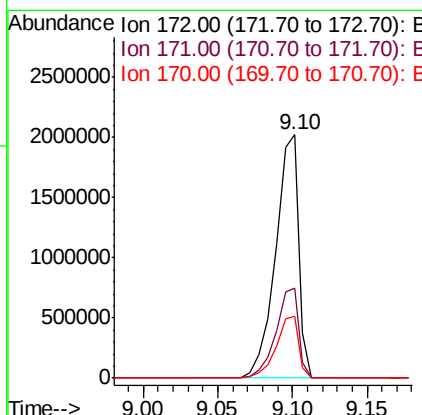
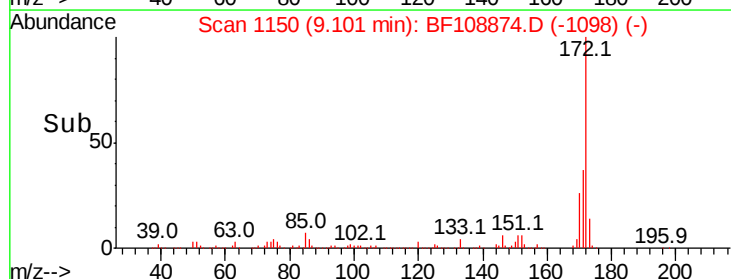
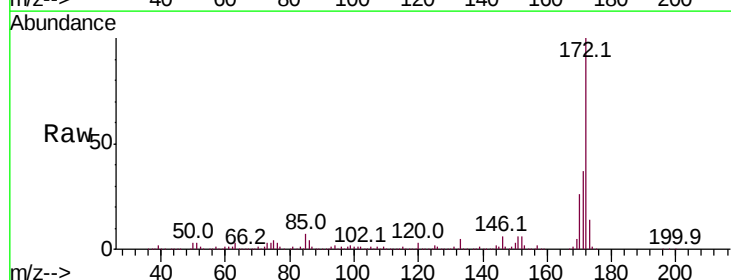
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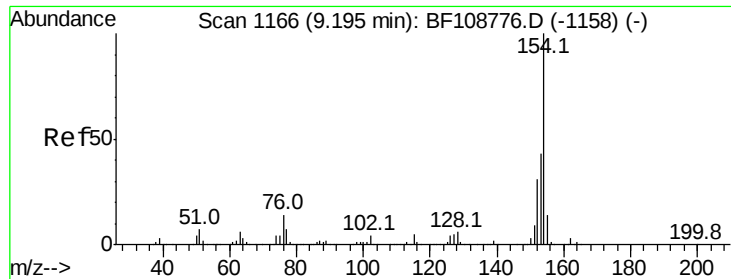
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#44
 2-Fluorobiphenyl
 Concen: 93.937 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion:	172	Resp:	2178973
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.7	44.5
170	25.6	19.6	29.4





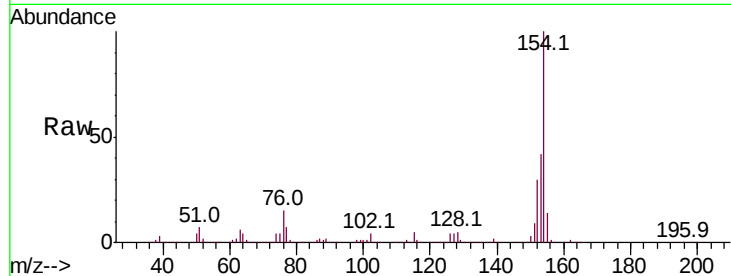
#45
 1,1'-Biphenyl
 Concen: 44.148 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.3	61.3
76	14.7	0.0	34.0

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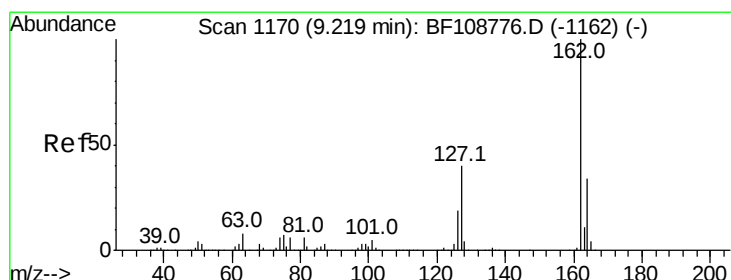
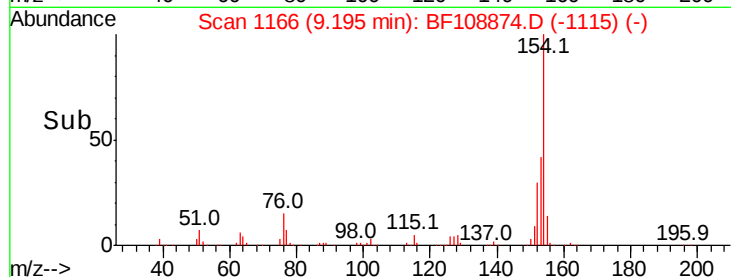
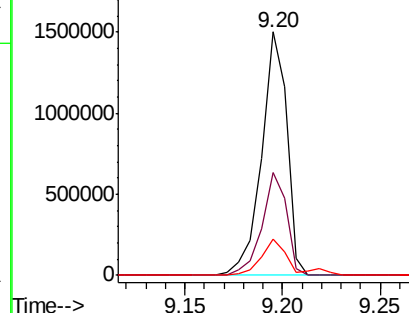


Abundance

Ion 154.00 (153.70 to 154.70): E

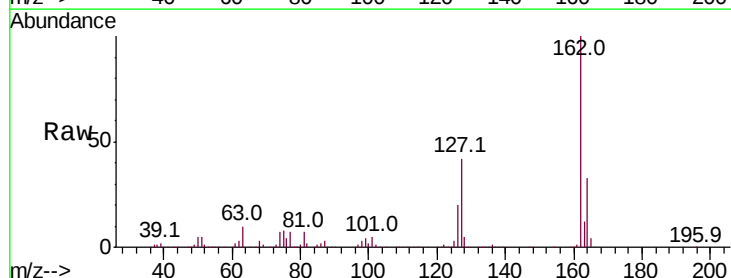
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 43.051 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.9	50.9
164	32.9	26.5	39.7

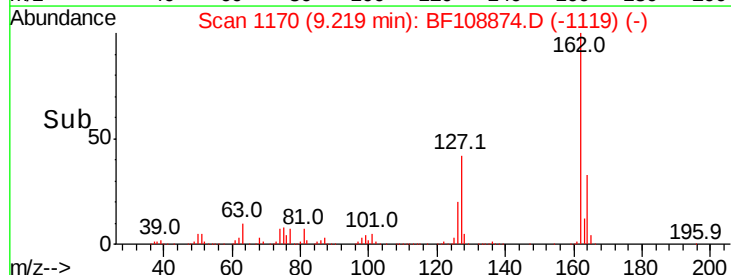
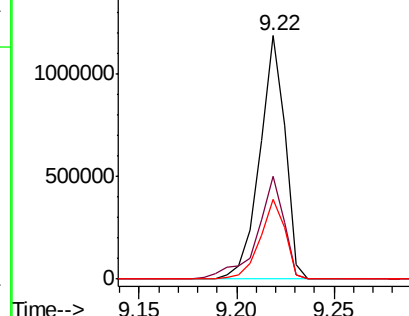


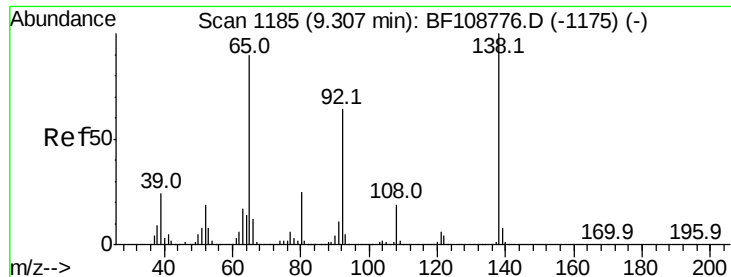
Abundance

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





#47

2-Nitroaniline

Concen: 52.538 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

ClientSampleId :

PB112683BSD

Tot Ion: 65 Resp: 353628

Ion Ratio Lower Upper

65 100

92 69.0 55.8 83.6

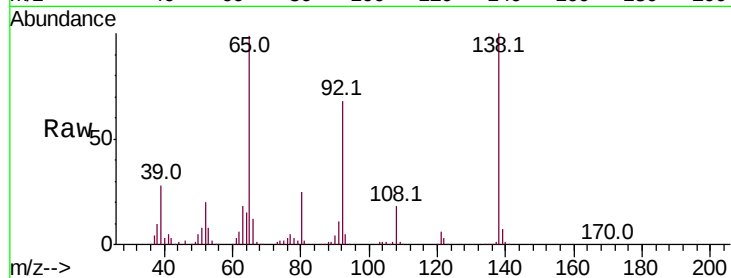
138 101.4 91.2 136.8

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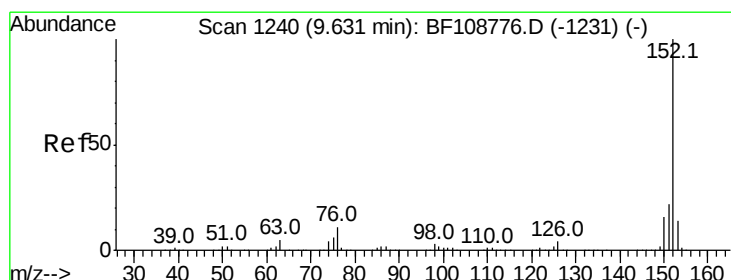
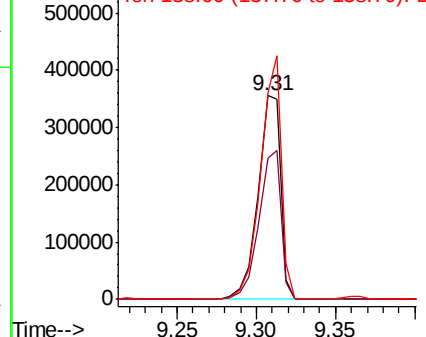
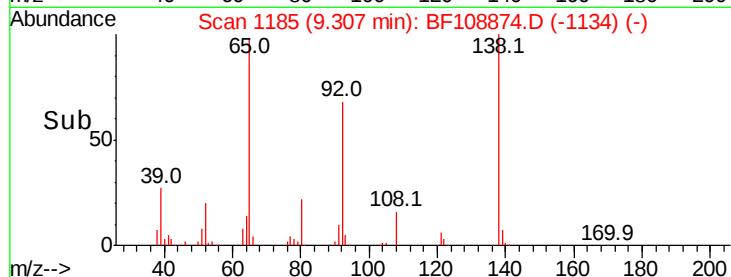
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 46.029 ng

RT: 9.63 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

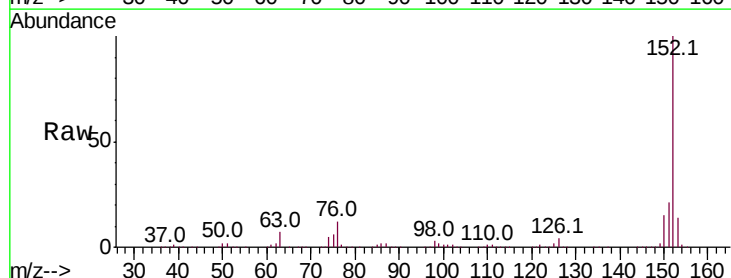
Tgt Ion: 152 Resp: 1690466

Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

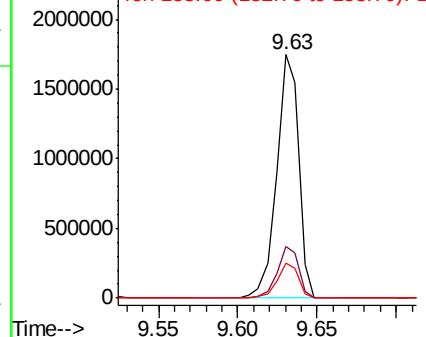
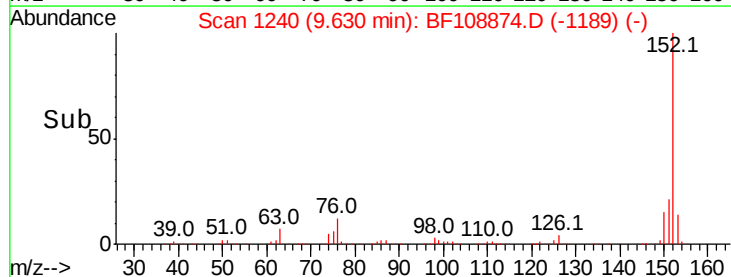
153 14.3 10.7 16.1

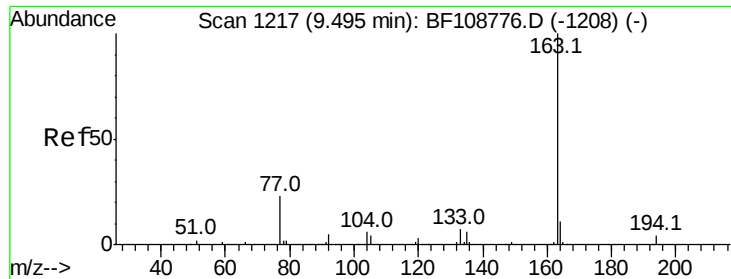


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





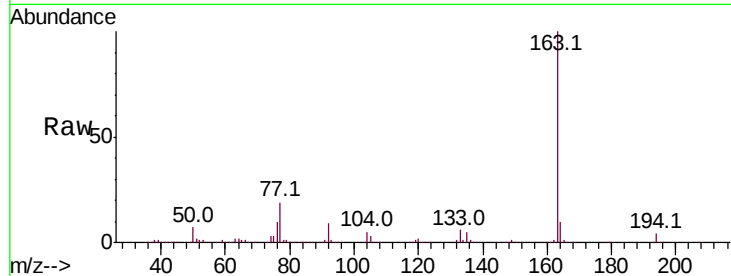
#49
Dimethylphthalate
Concen: 45.567 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.0	8.2	12.2

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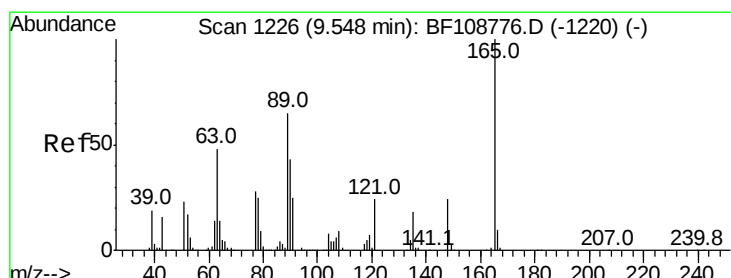
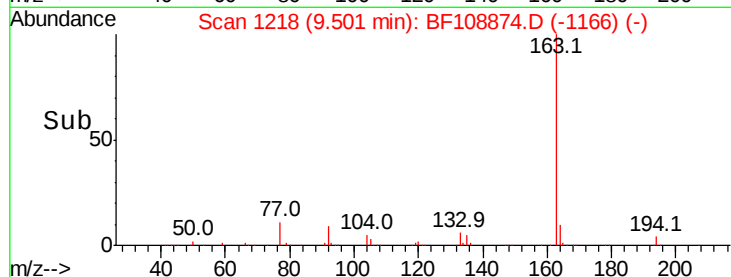
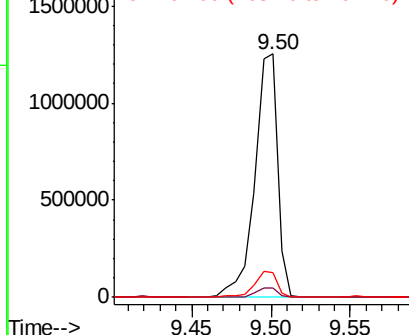


Abundance

Ion 163.00 (162.70 to 163.70): E

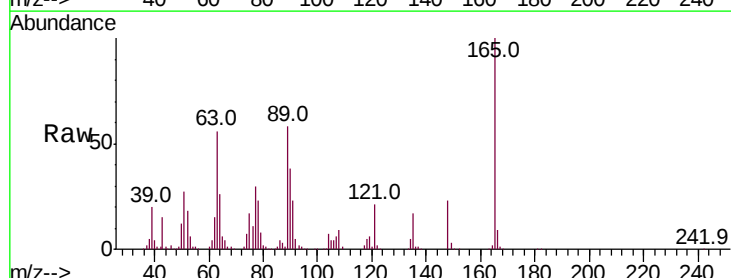
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 52.120 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.9	44.7	67.1
89	57.6	44.0	66.0

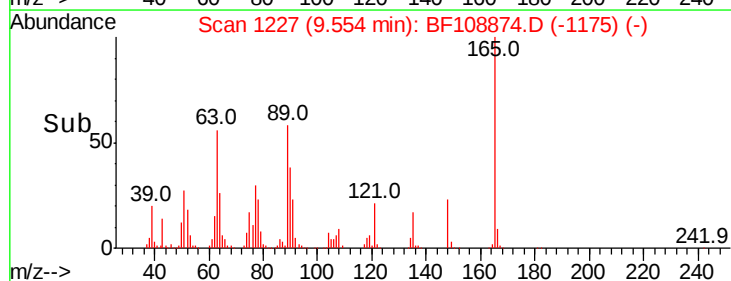
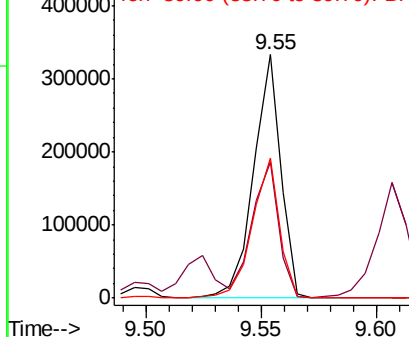


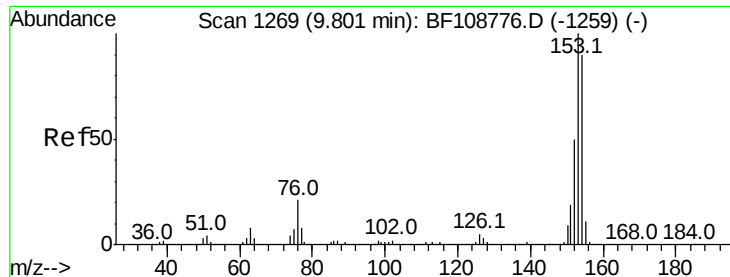
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 43.794 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

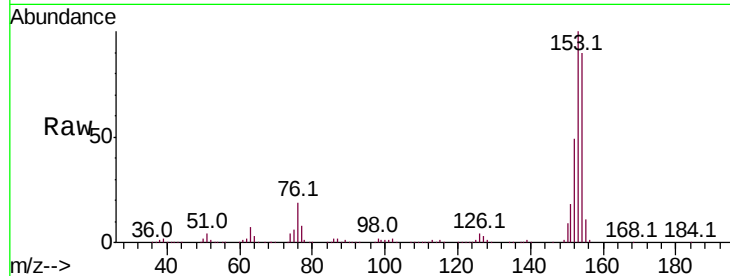
ClientSampleId :

PB112683BSD

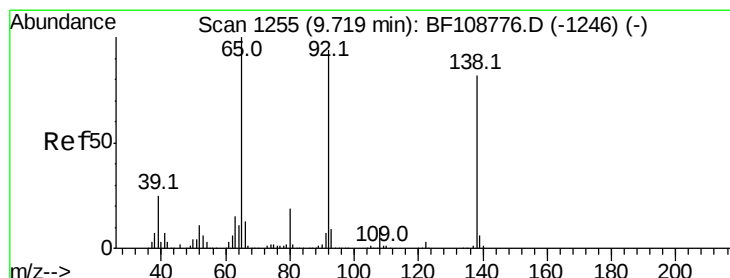
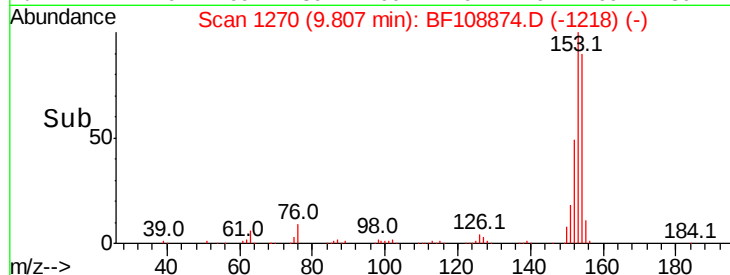
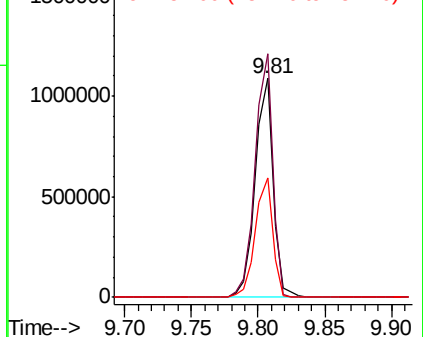
Tot Ion:	154	Resp:	995297
Ion Ratio	Lower	Upper	
154	100		
153	111.2	91.2	136.8
152	54.8	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.411 ng

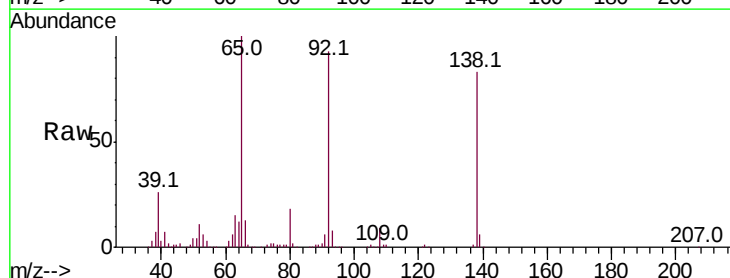
RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

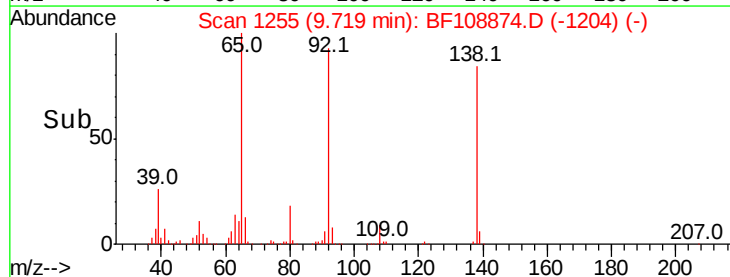
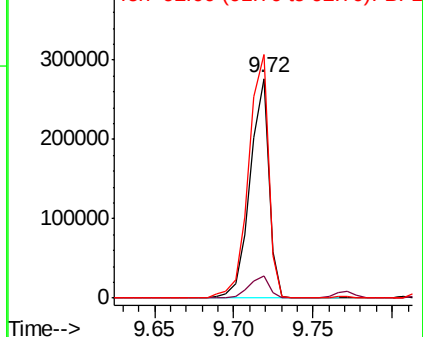
Lab File: BF108874.D

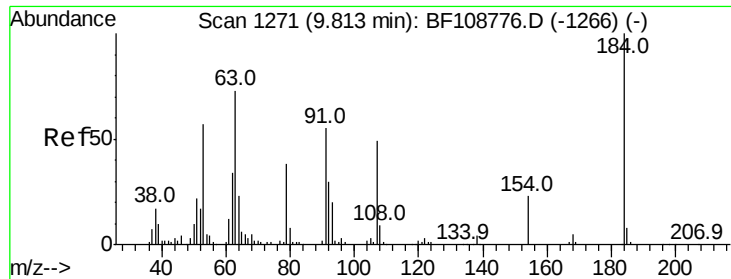
Acq: 7 Sep 2018 21:21

Tgt Ion:	138	Resp:	228591
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	111.0	89.4	134.2



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





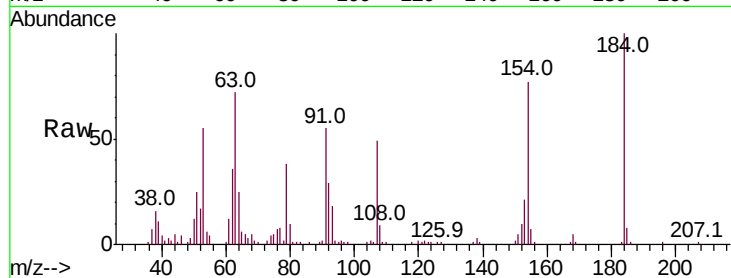
#53
 2,4-Dinitrophenol
 Concen: 32.061 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.0	54.2	81.2
154	76.8	184.0	276.0#

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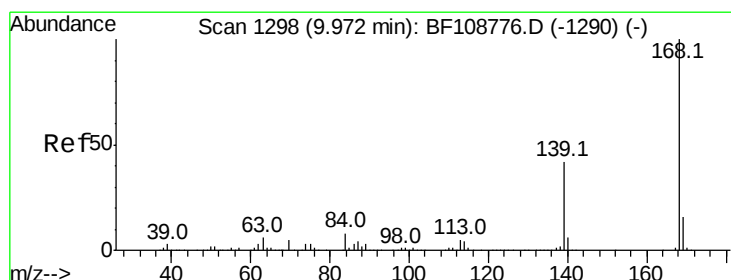
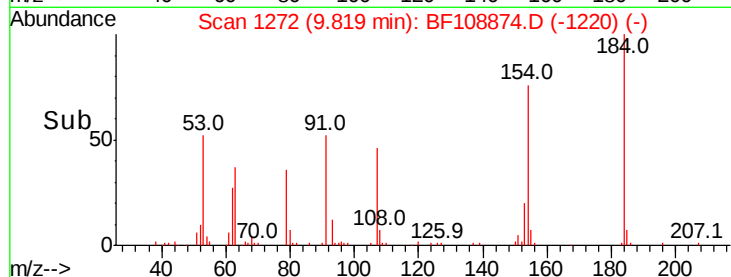
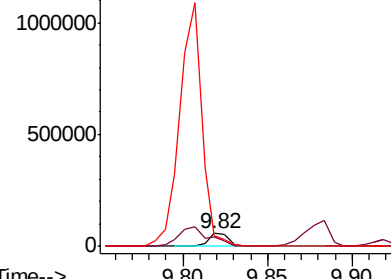


Abundance

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



#54
 Dibenzofuran
 Concen: 43.034 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

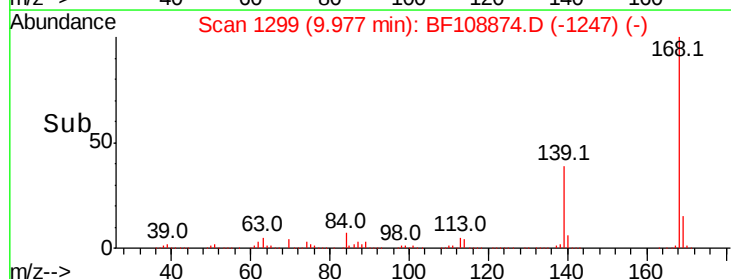
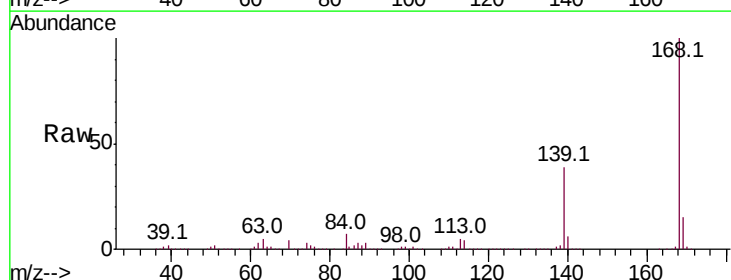
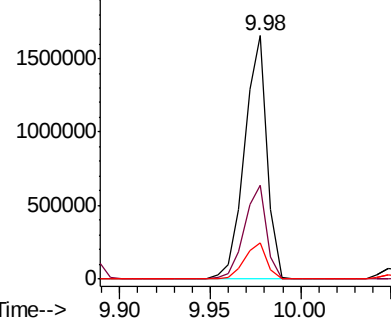
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.8	10.9	16.3

Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





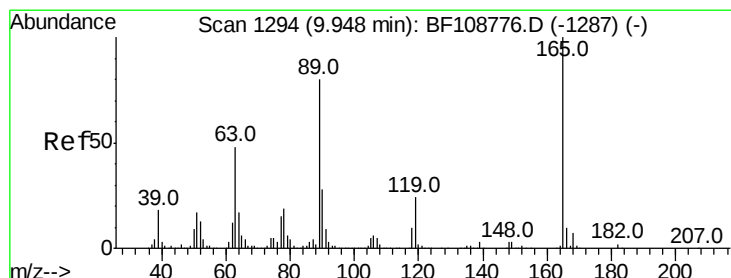
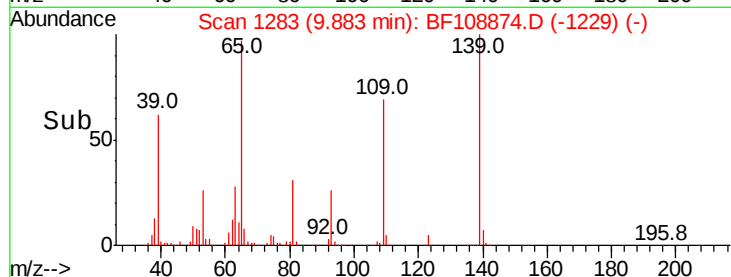
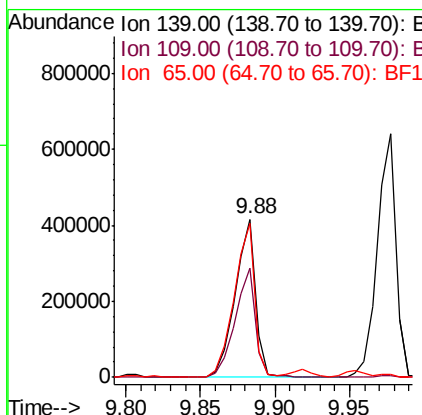
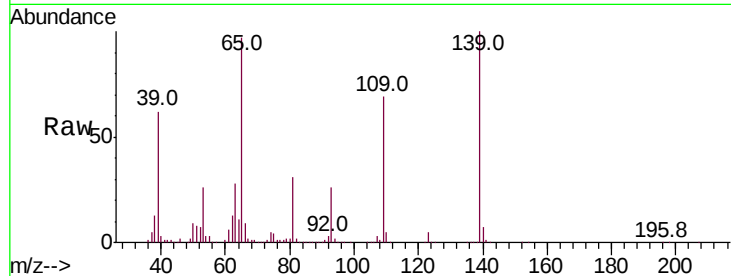
#55
4-Nitrophenol
Concen: 86.347 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.9	48.4	88.4	
65	97.1	72.6	112.6	

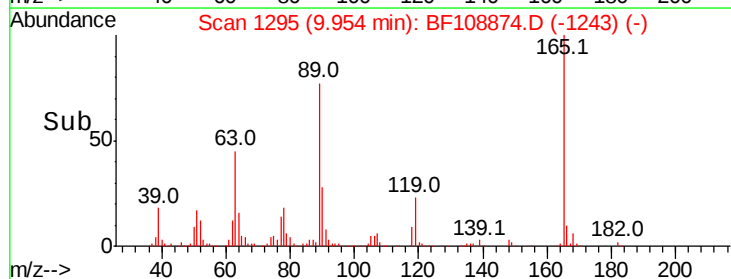
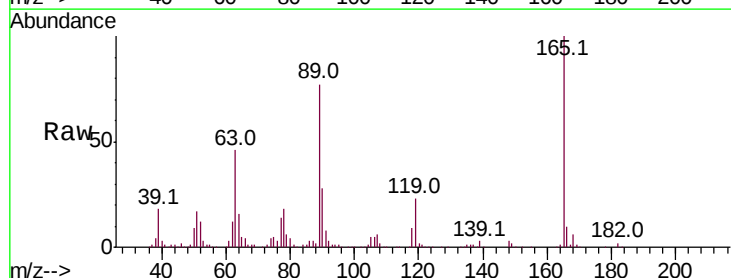
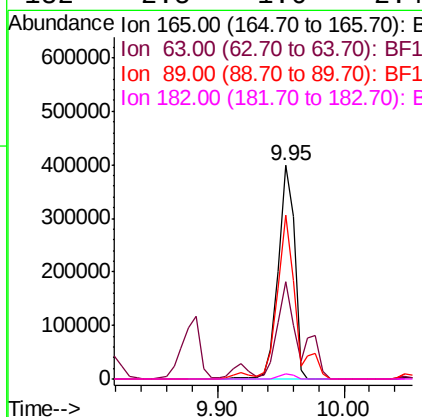
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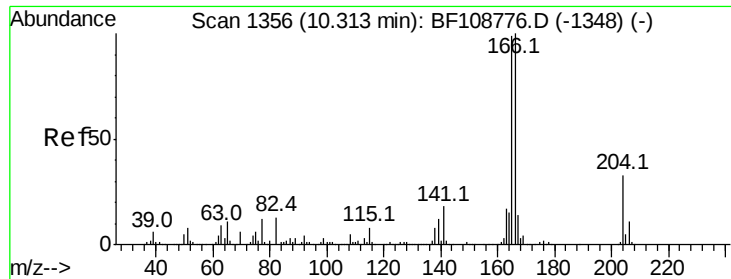
Sohil
9/10/2018 10:39:43 AM



#56
2,4-Dinitrotoluene
Concen: 52.464 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.6	36.4	54.6	
89	76.6	57.8	86.6	
182	2.5	1.6	2.4#	





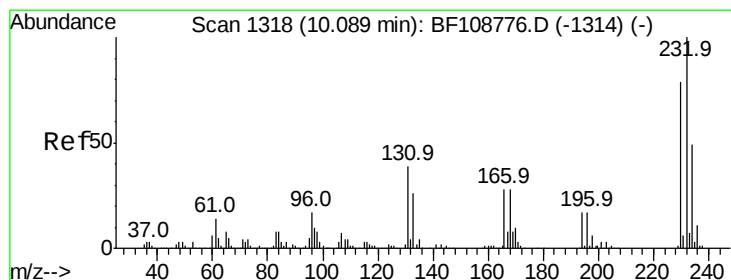
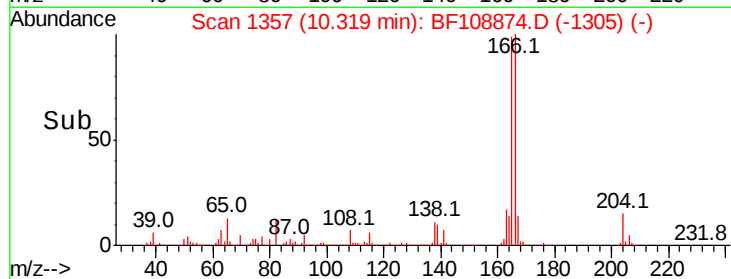
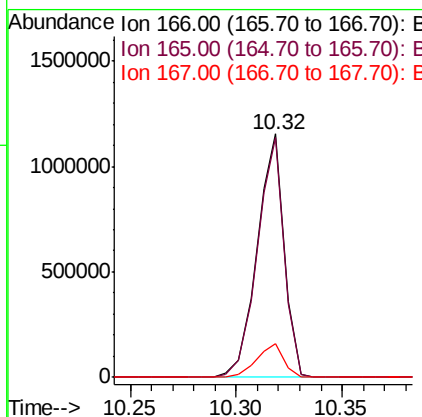
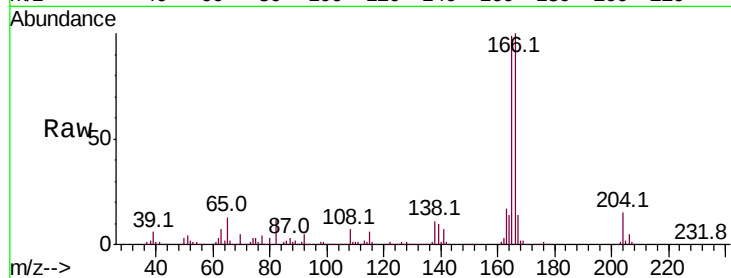
#57
Fluorene
Concen: 48.074 ng
RT: 10.32 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.7	10.6	16.0

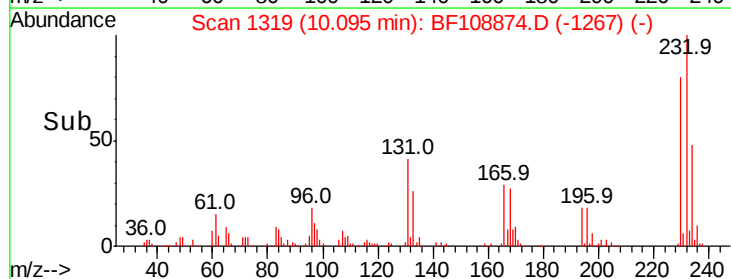
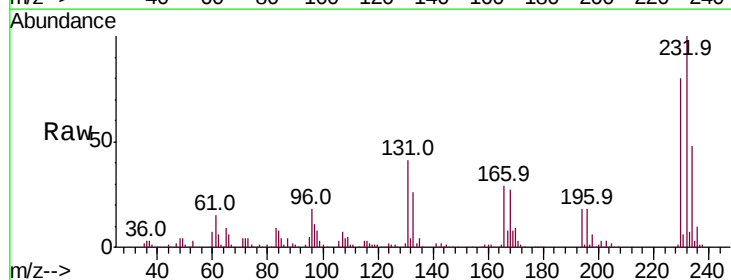
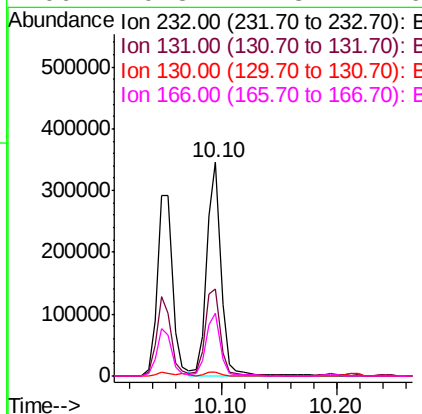
Manual Integrations
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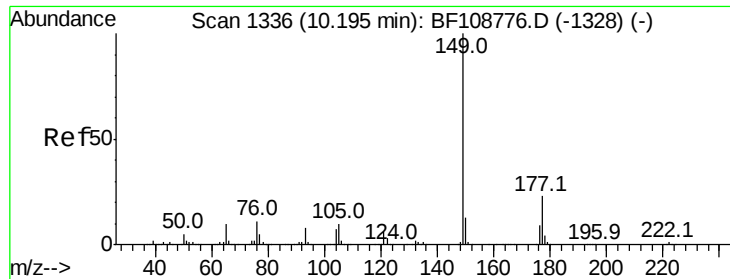
Sohil
9/10/2018 10:39:43 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.211 ng
RT: 10.10 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	43.8	65.8
130	2.1	2.1	3.1
166	29.3	27.8	41.6





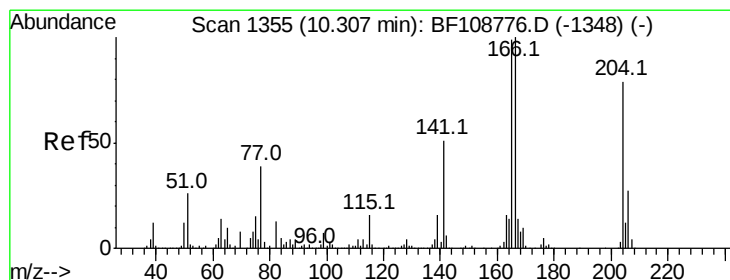
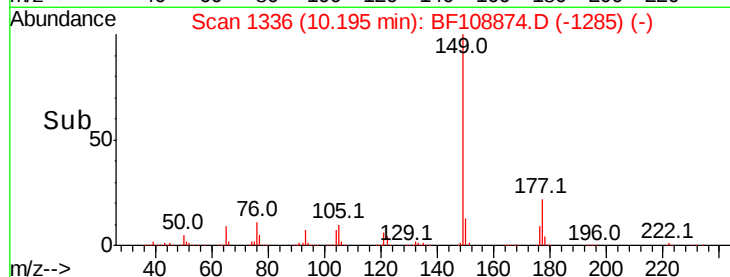
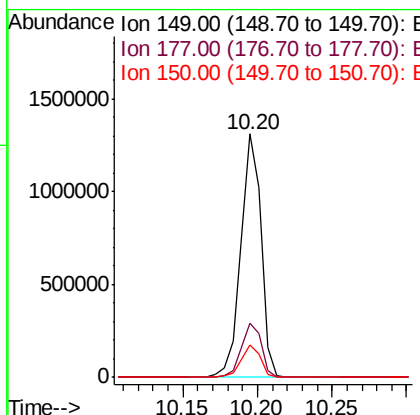
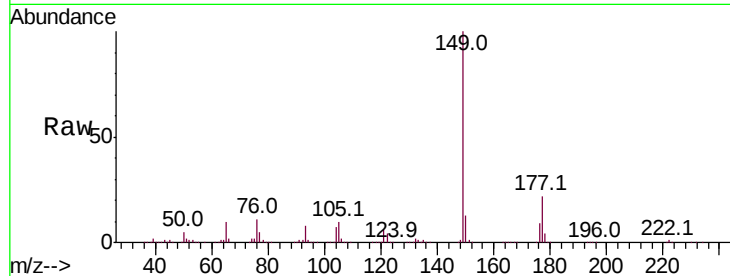
#59
Diethylphthalate
Concen: 43.139 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.1	24.1
150	13.2	10.1	15.1

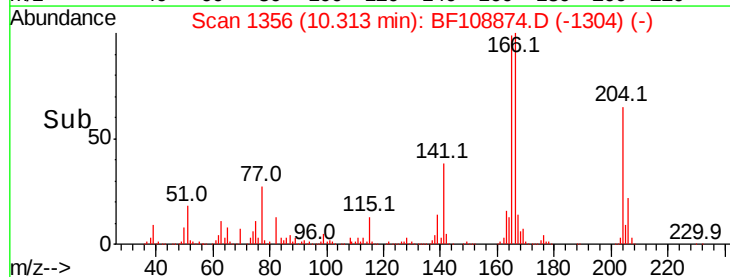
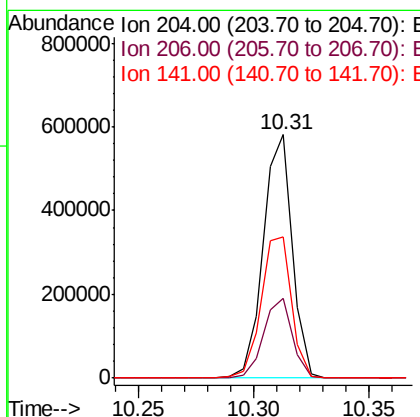
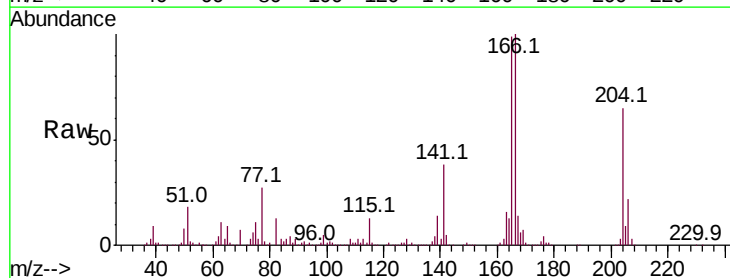
Manual Integrations
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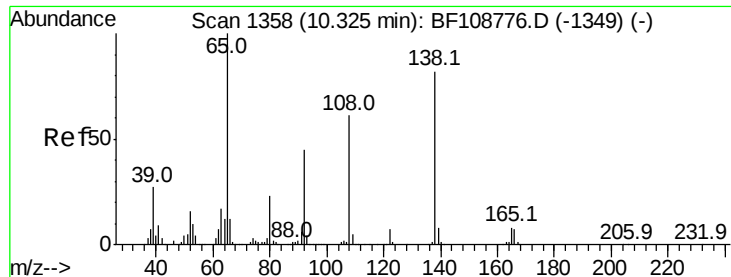
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.678 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	58.1	54.6	81.8





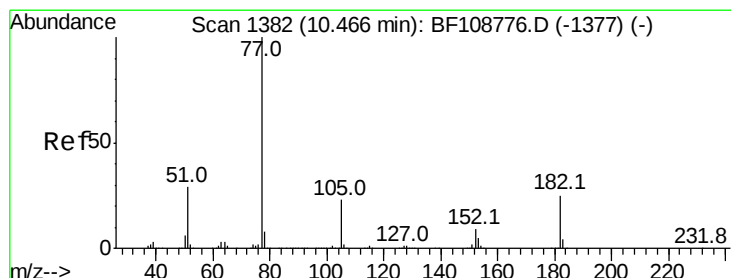
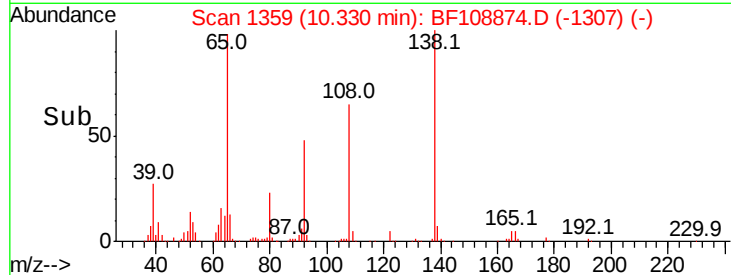
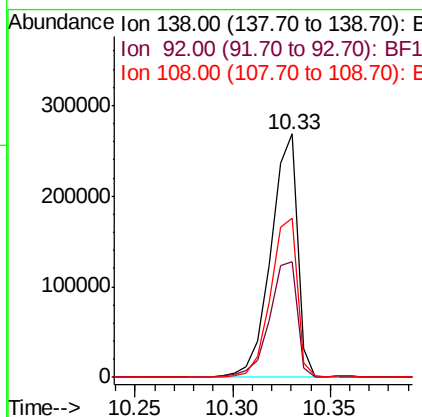
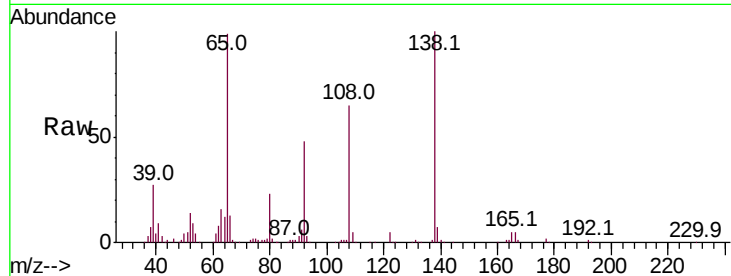
#61
 4-Nitroaniline
 Concen: 44.705 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion:	138	Resp:	254254
Ion Ratio	Lower	Upper	
138	100		
92	47.6	30.2	70.2
108	65.4	52.5	92.5

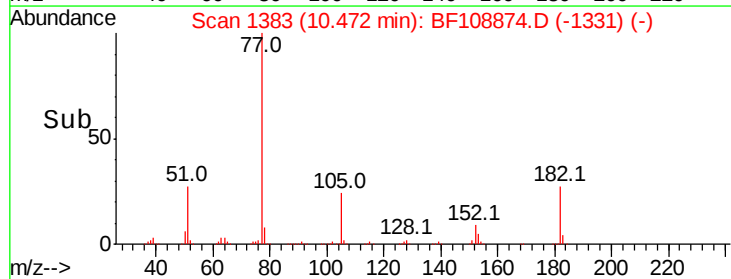
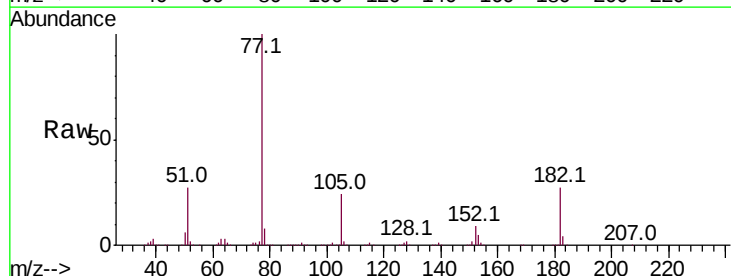
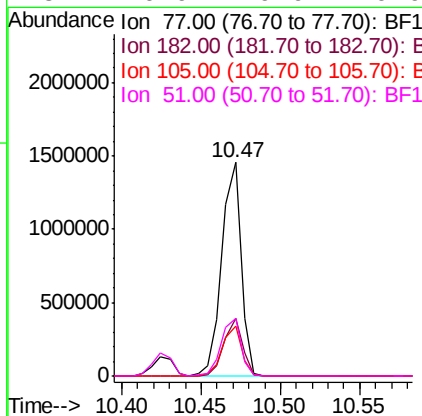
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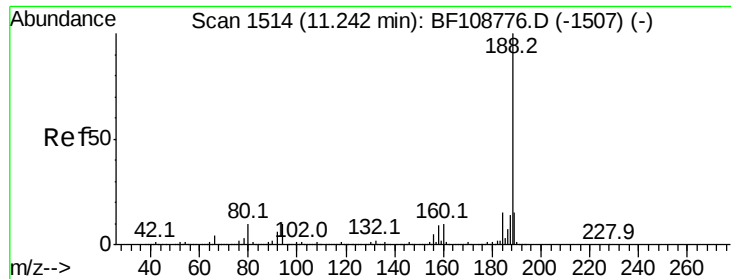
Sohil
 9/10/2018 10:39:43 AM



#62
 Azobenzene
 Concen: 42.082 ng
 RT: 10.47 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion:	77	Resp:	1240709
Ion Ratio	Lower	Upper	
77	100		
182	27.1	1.7	41.7
105	23.6	3.0	43.0
51	26.9	9.9	49.9





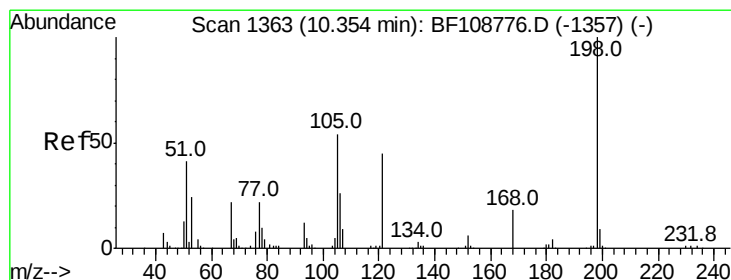
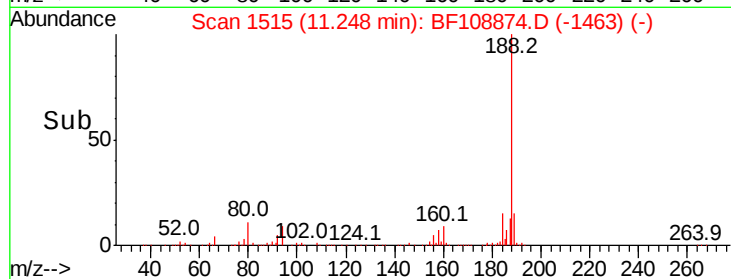
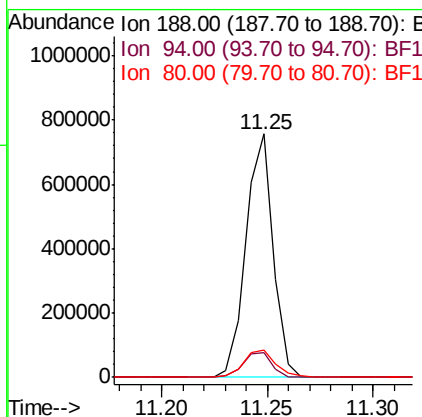
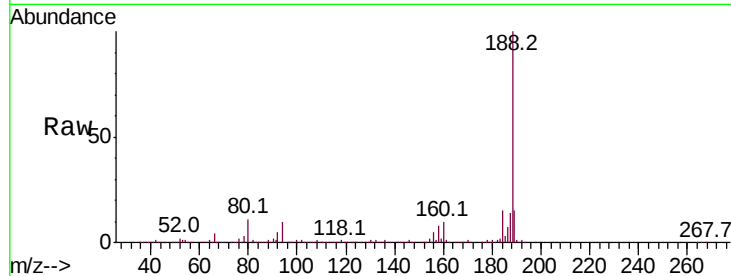
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	674700		
94	10.2		8.5	12.7
80	11.1		9.2	13.8

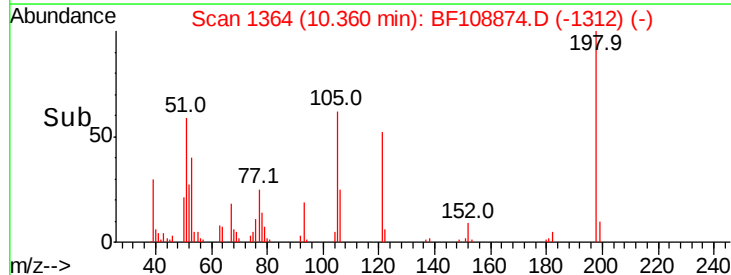
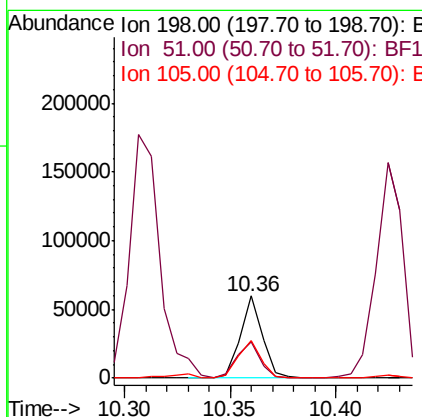
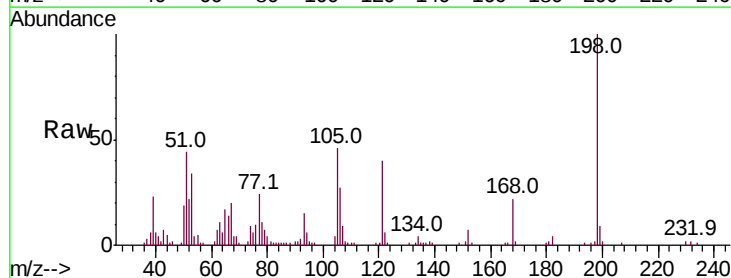
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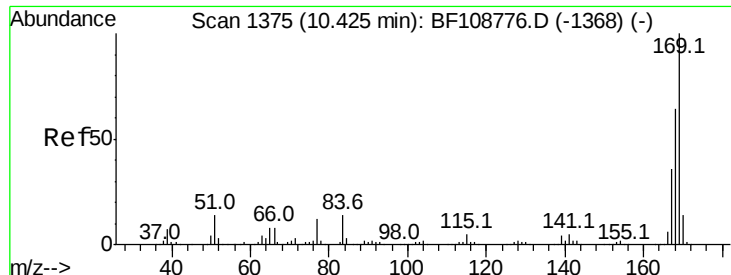
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.785 ng
 RT: 10.36 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43090		
51	44.2		37.7	77.7
105	45.8		36.3	76.3





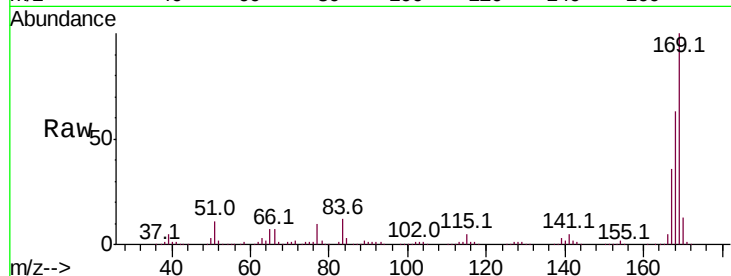
#65
 n-Nitrosodiphenylamine
 Concen: 46.257 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.4	81.6
167	35.7	29.8	44.6

Manual Integrations
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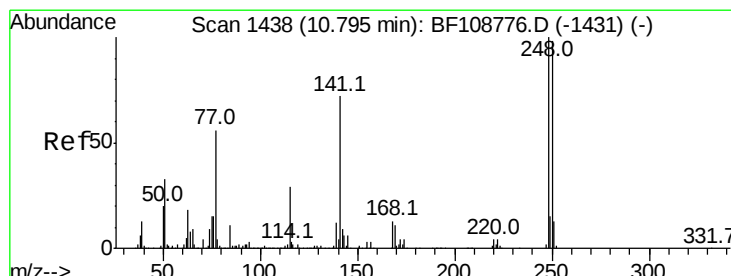
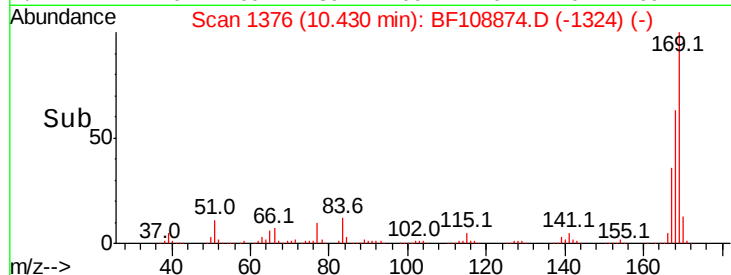
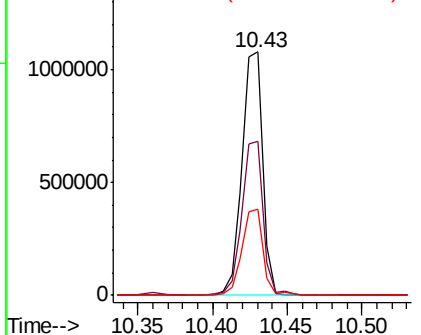


Abundance

Ion 169.00 (168.70 to 169.70): E

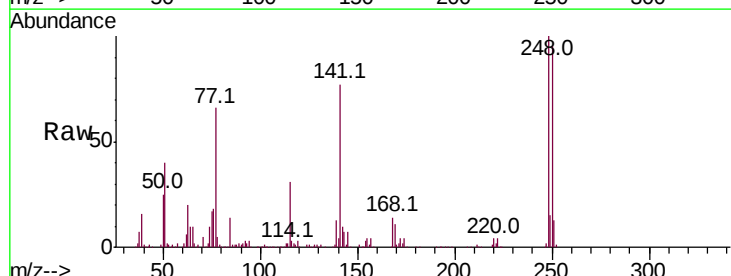
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 46.019 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.9	115.3
141	77.0	74.4	111.6

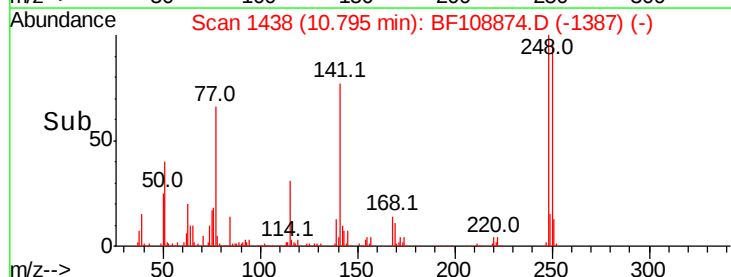
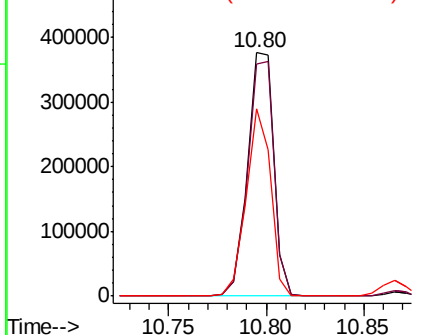


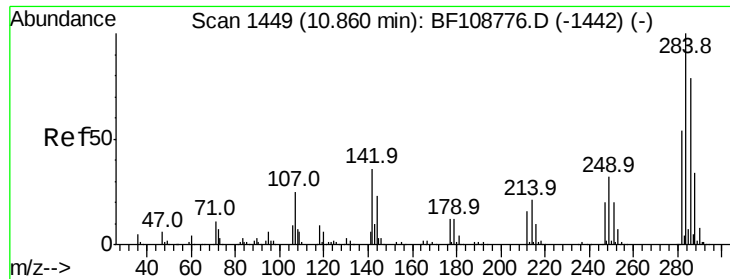
Abundance

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





#67

Hexachlorobenzene

Concen: 43.193 ng

RT: 10.87 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

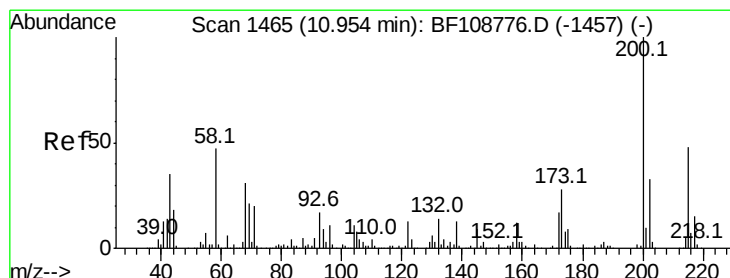
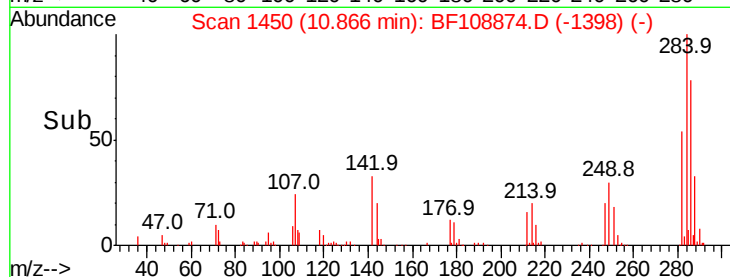
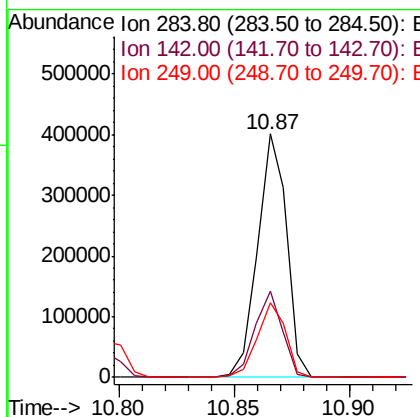
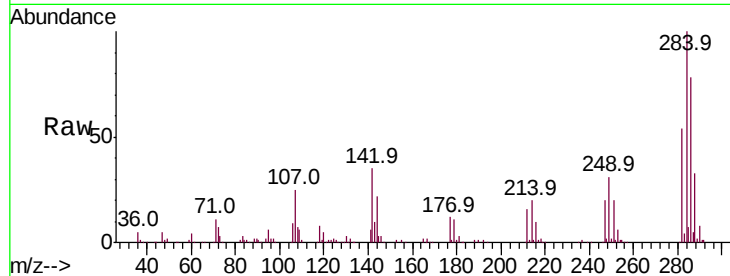
ClientSampleId :

PB112683BSD

Tot Ion:	284	Resp:	351370
Ion Ratio	Lower	Upper	
284	100		
142	35.3	34.6	52.0
249	30.9	24.8	37.2

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#68

Atrazine

Concen: 48.664 ng

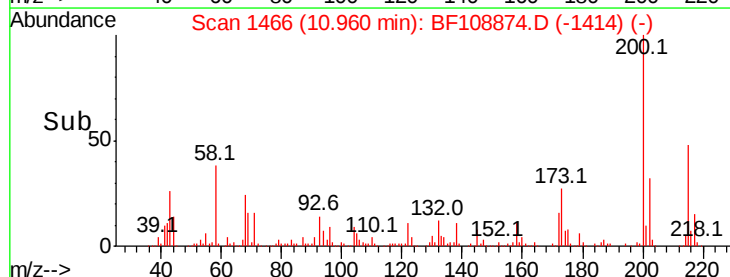
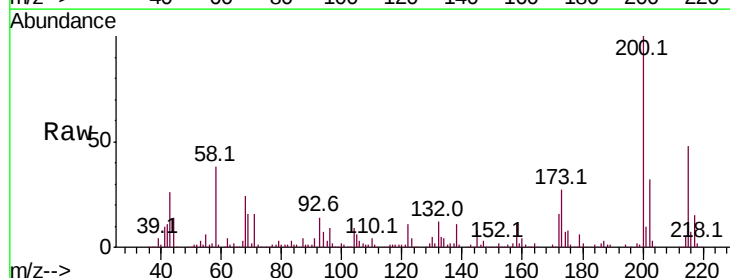
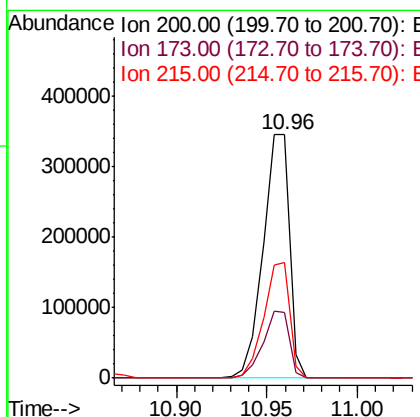
RT: 10.96 min Scan# 1466

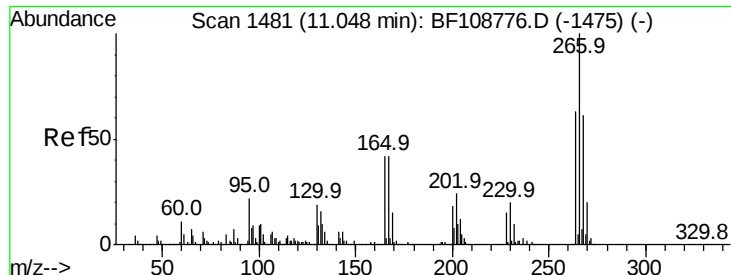
Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Tgt Ion:	200	Resp:	349465
Ion Ratio	Lower	Upper	
200	100		
173	26.8	8.6	48.6
215	47.6	25.1	65.1





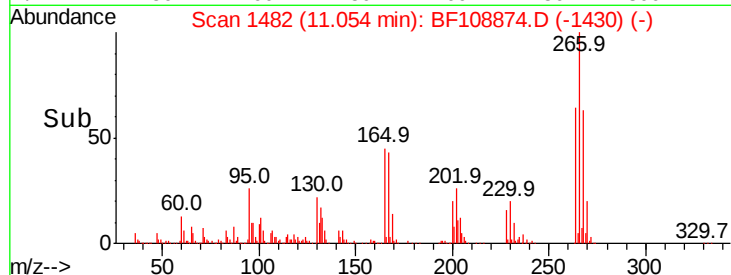
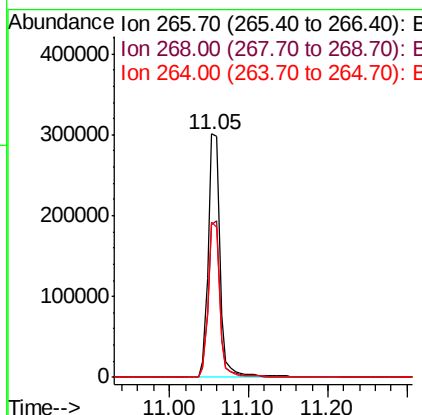
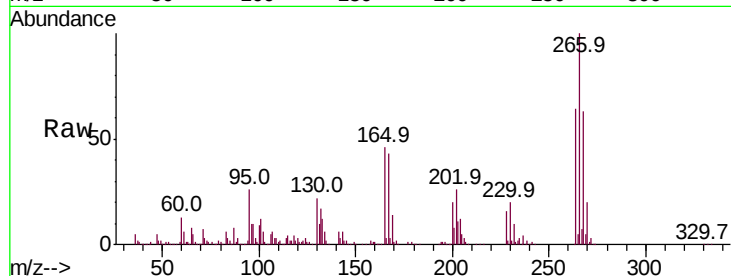
#69
 Pentachlorophenol
 Concen: 63.466 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.7		51.1	76.7
264	63.7		49.5	74.3

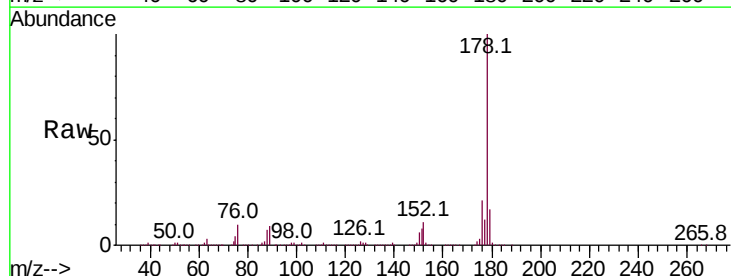
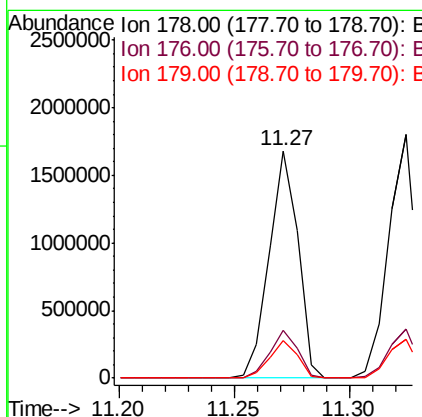
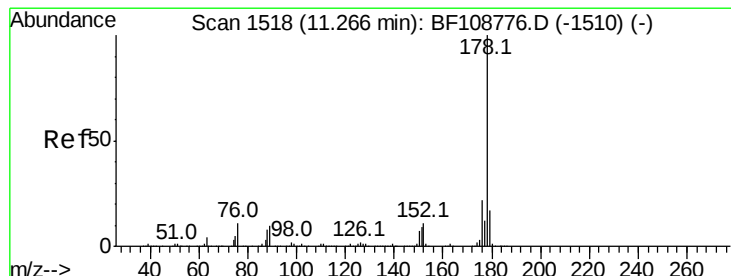
Manual Integrations
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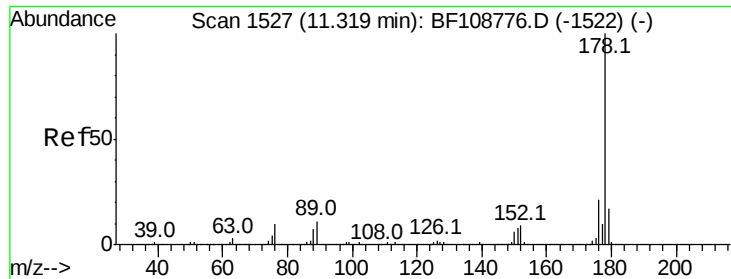
Sohil
 9/10/2018 10:39:43 AM



#70
 Phenanthrene
 Concen: 45.125 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.0		15.8	23.8
179	16.6		13.0	19.6





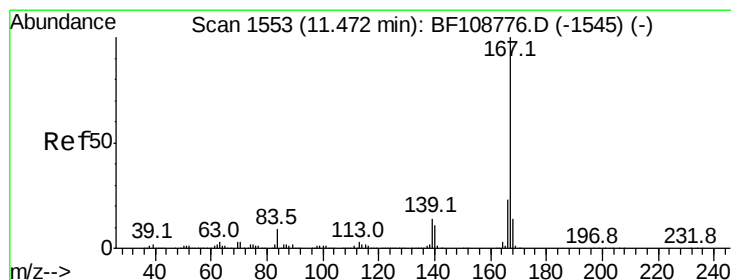
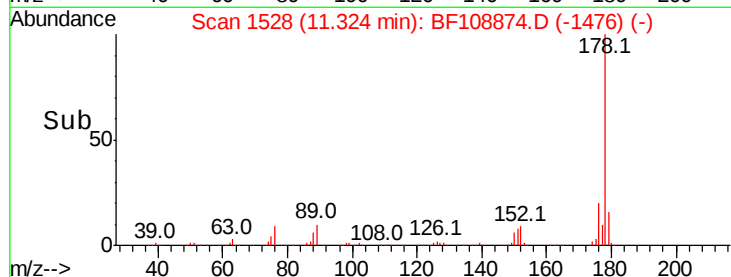
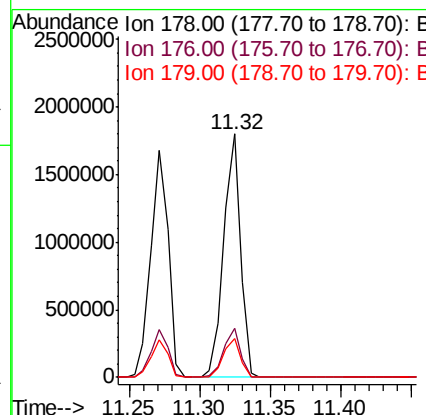
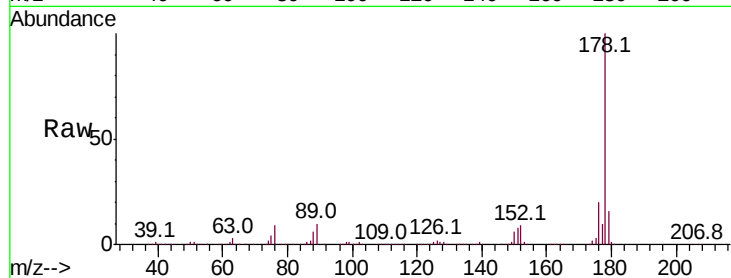
#71
 Anthracene
 Concen: 48.632 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion:178 Resp: 1500229
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.2 12.6 19.0

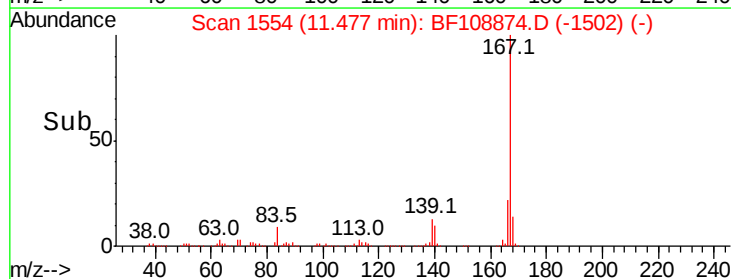
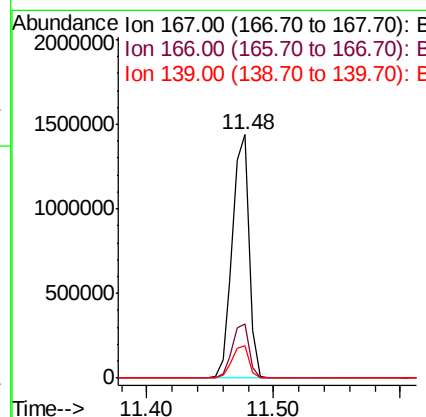
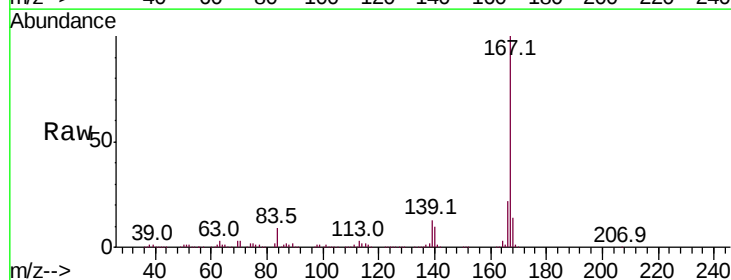
Manual Integrations
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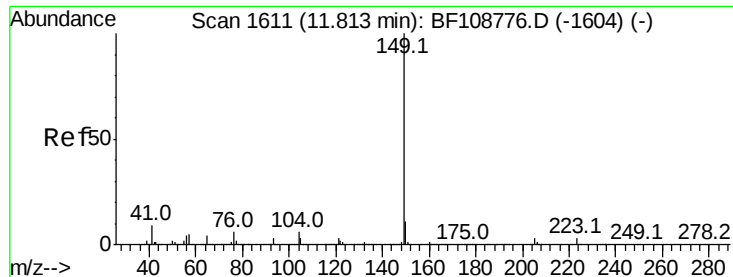
Sohil
 9/10/2018 10:39:43 AM



#72
 Carbazole
 Concen: 40.385 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion:167 Resp: 1312014
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 48.774 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

ClientSampleId :

PB112683BSD

Tot Ion:149 Resp: 1759636

Ion Ratio Lower Upper

149 100

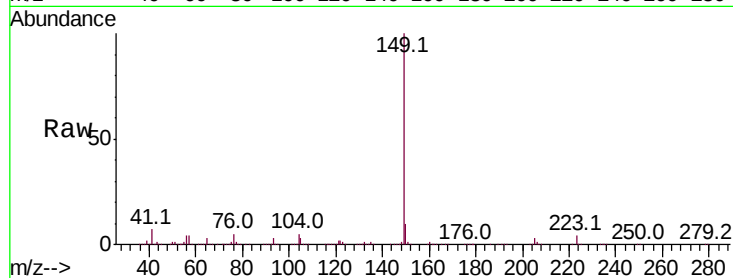
150 9.9 7.8 11.6

104 5.0 3.8 5.8

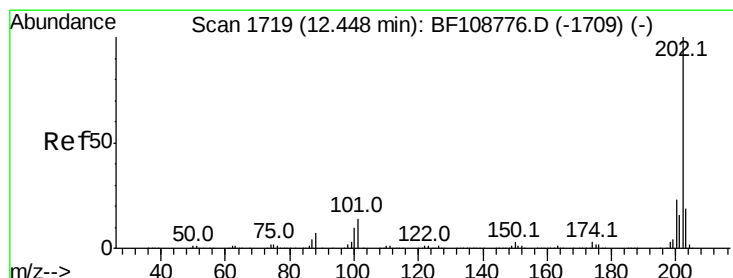
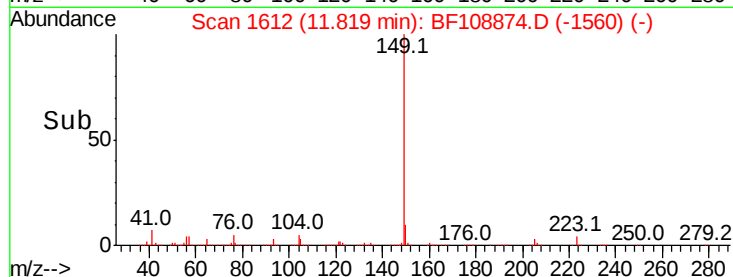
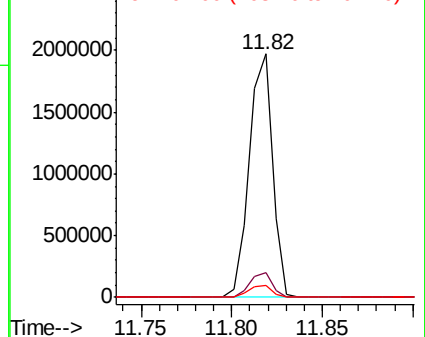
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.859 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

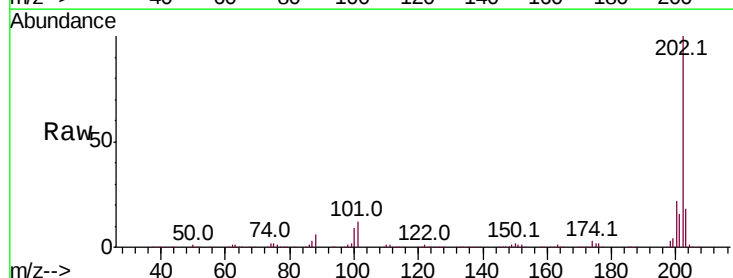
Tgt Ion:202 Resp: 1303442

Ion Ratio Lower Upper

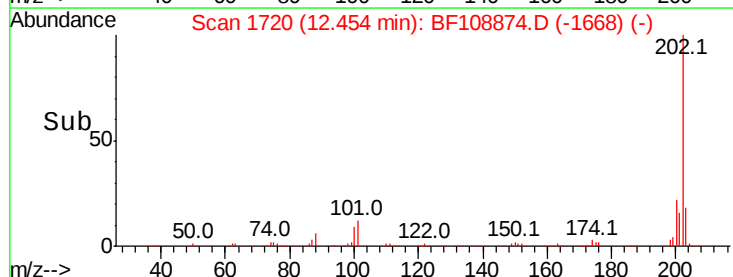
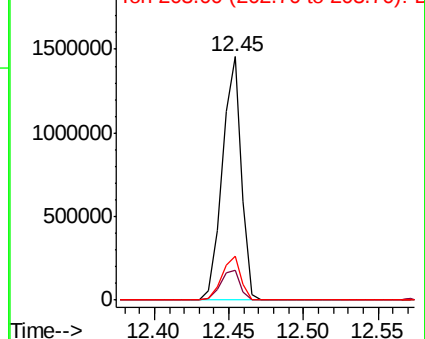
202 100

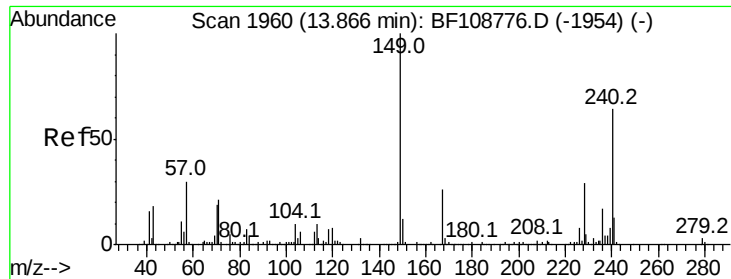
101 12.4 0.0 34.1

203 18.2 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

ClientSampleId :

PB112683BSD

Tot Ion:240 Resp: 405038

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

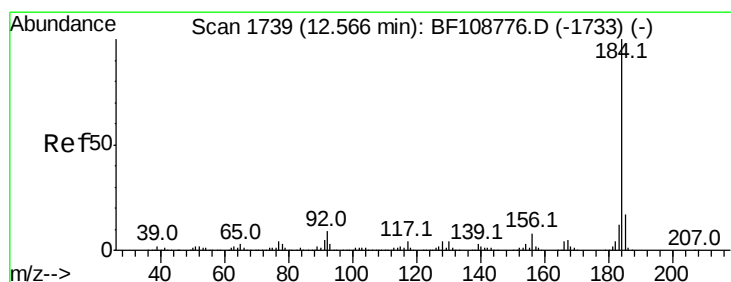
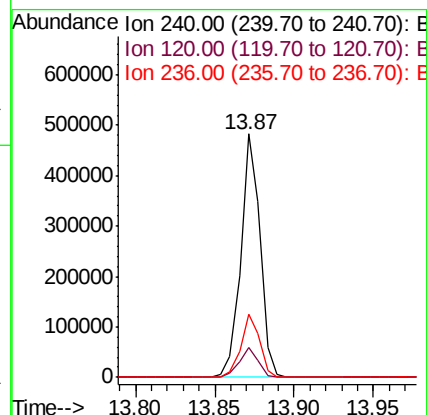
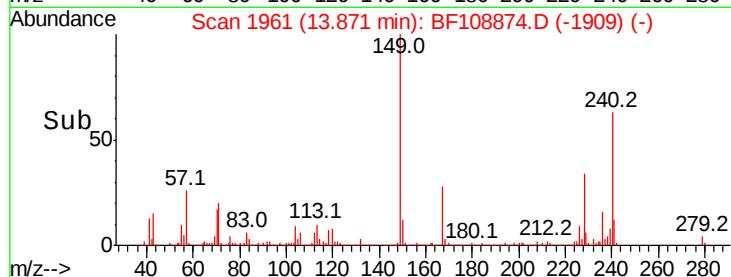
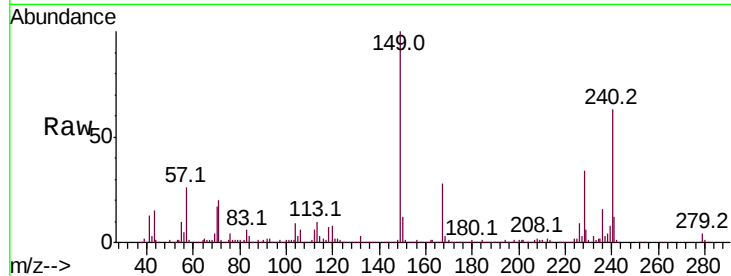
236 25.8 20.7 31.1

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#76

Benzidine

Concen: 48.338 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

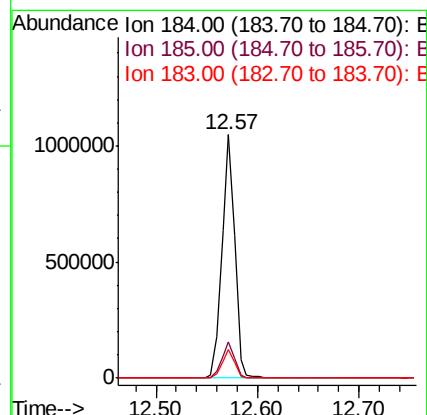
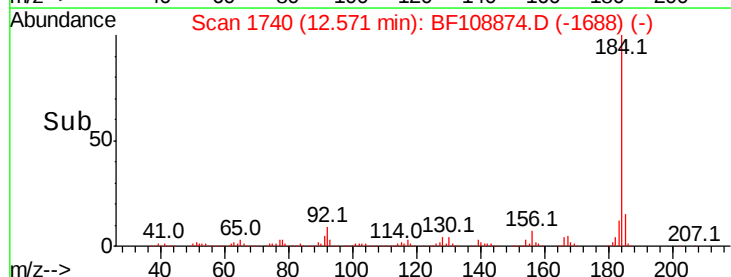
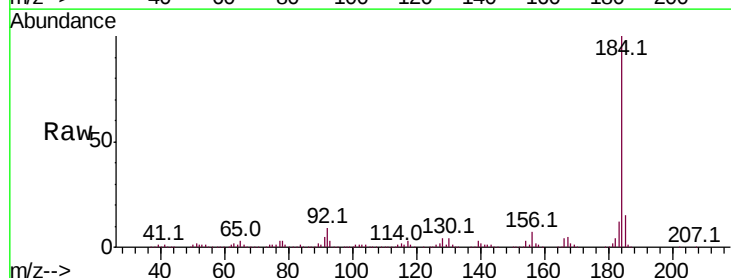
Tgt Ion:184 Resp: 927957

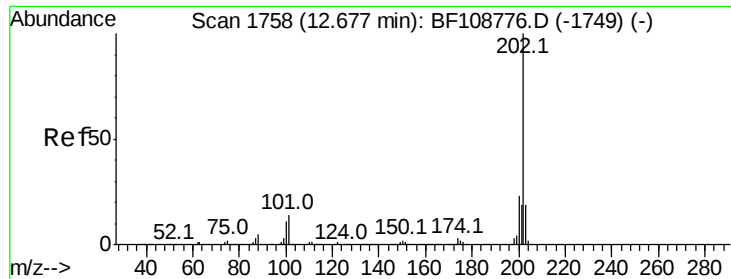
Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

183 12.0 9.3 13.9





#77

Pvrene

Concen: 41.343 ng

RT: 12.68 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

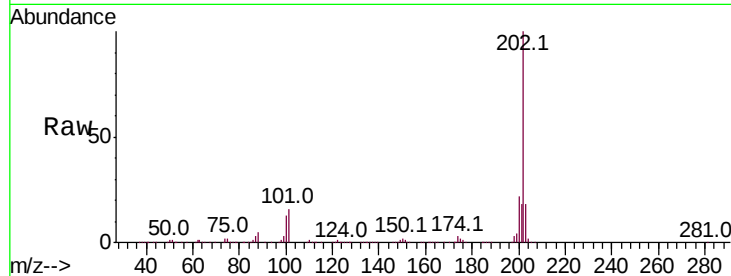
ClientSampleId :

PB112683BSD

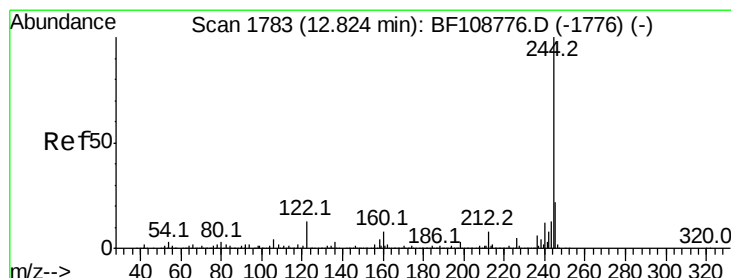
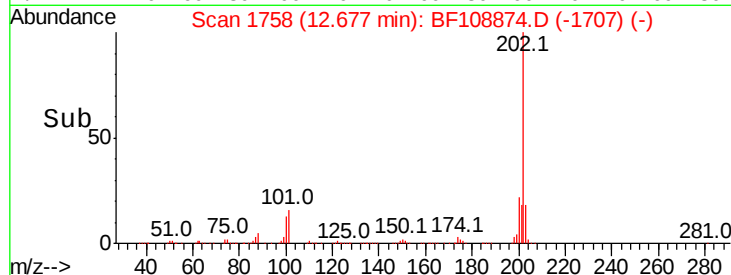
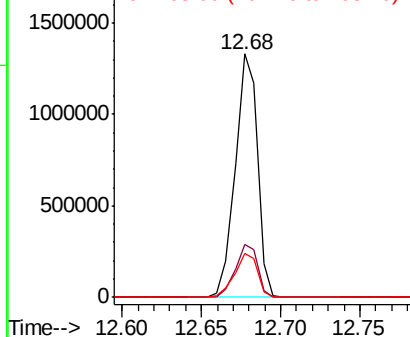
Tot Ion:	202	Resp:	1288533
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	18.3	14.3	21.5

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



#78

Terphenyl-d14

Concen: 95.809 ng

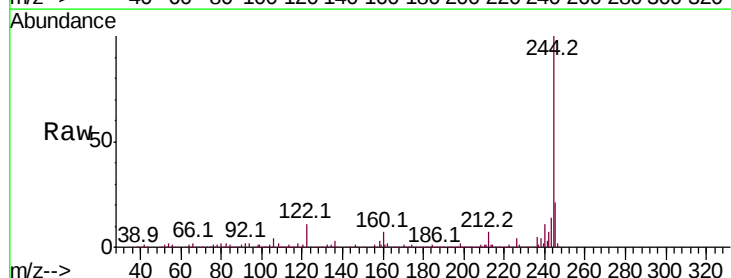
RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

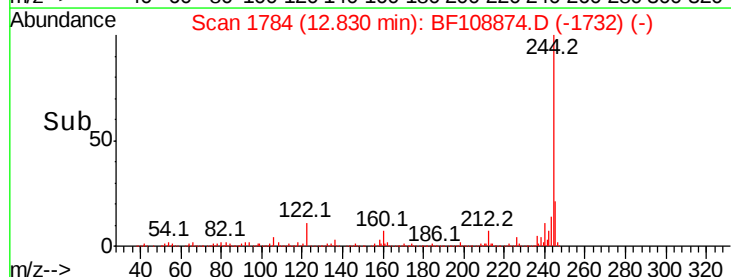
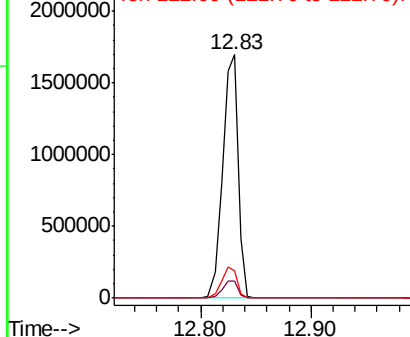
Lab File: BF108874.D

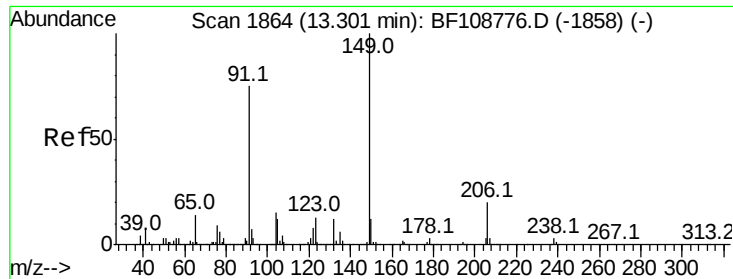
Acq: 7 Sep 2018 21:21

Tgt Ion:	244	Resp:	1664154
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	11.4	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





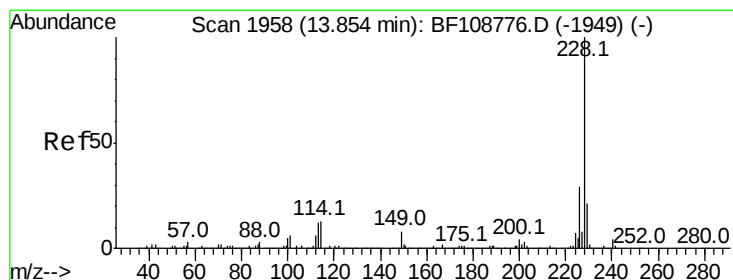
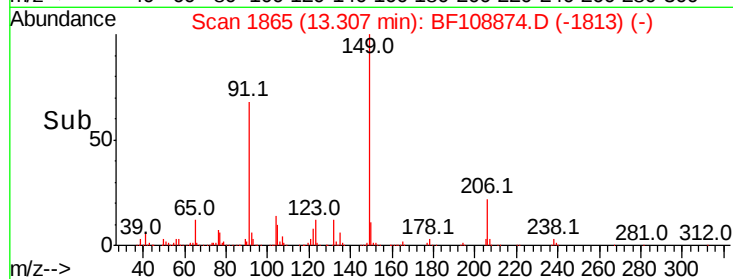
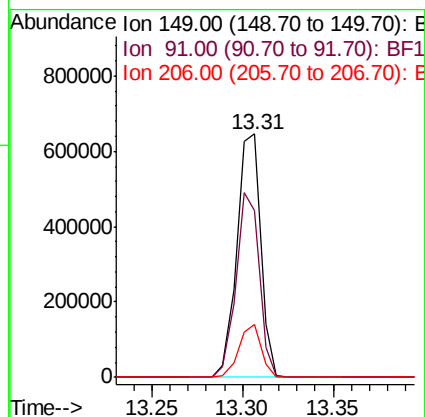
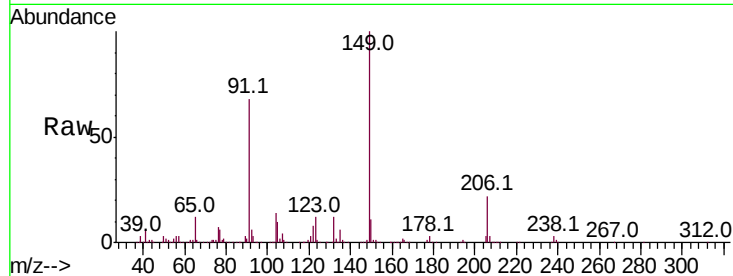
#79
Butylbenzylphthalate
Concen: 42.296 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.3	56.8	85.2	
206	21.5	14.1	21.1	

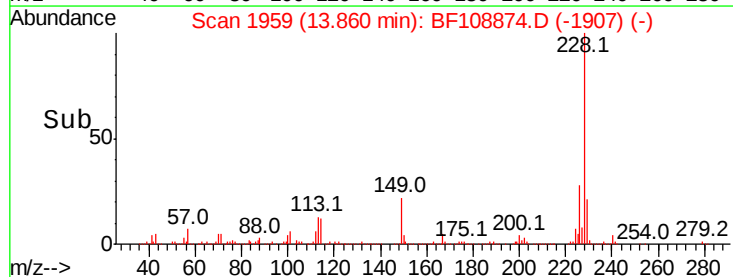
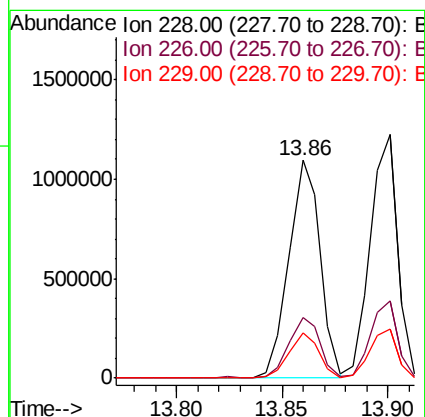
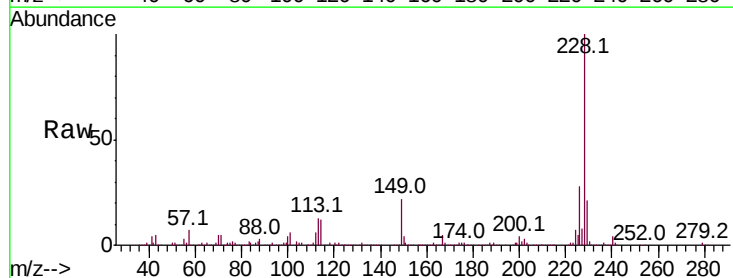
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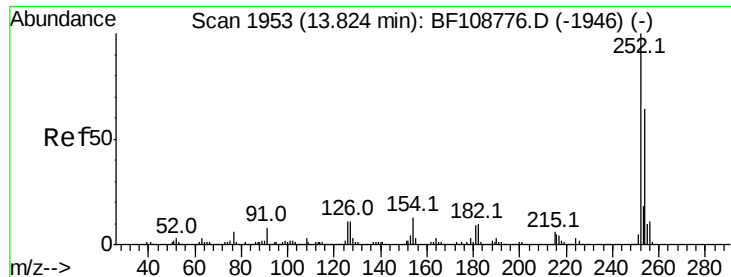
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#80
Benzo(a)anthracene
Concen: 43.429 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.9	22.6	33.8	
229	20.6	15.8	23.6	





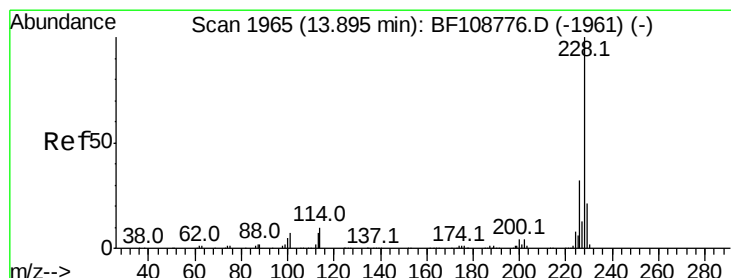
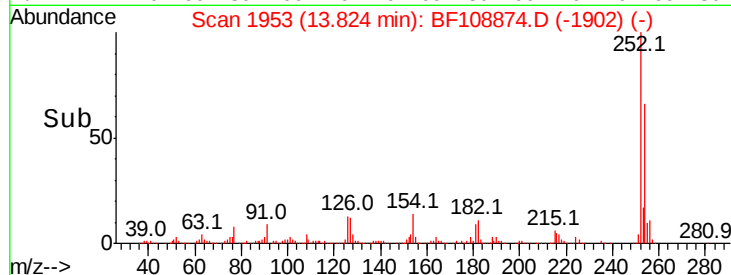
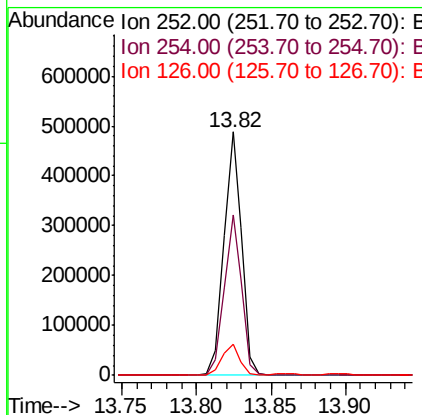
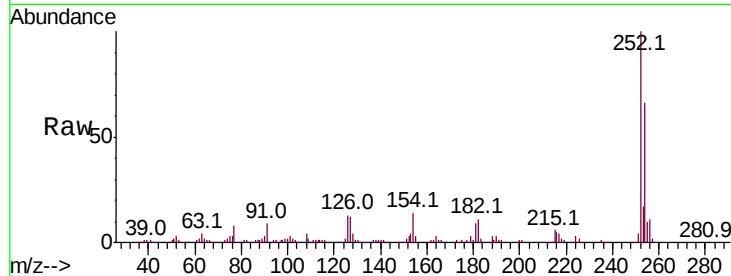
#81
 3,3'-Dichlorobenzidine
 Concen: 40.531 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	409966		
254	65.8		50.4	75.6
126	13.0		11.3	16.9

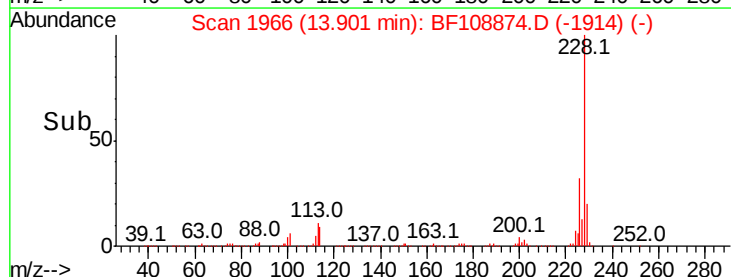
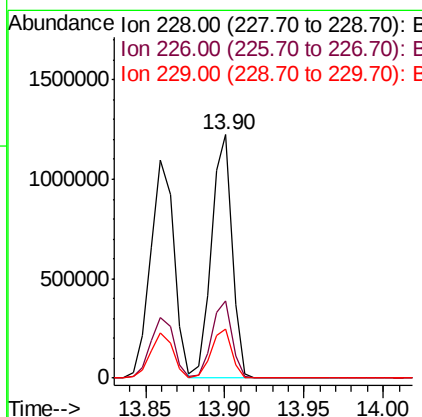
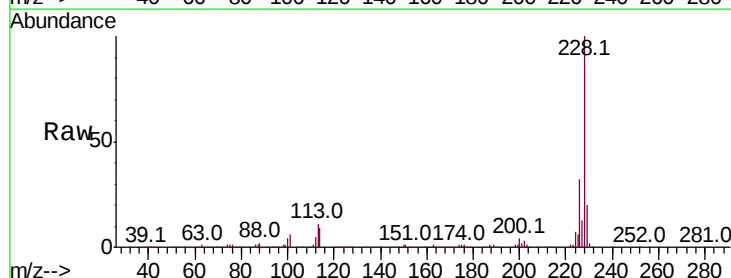
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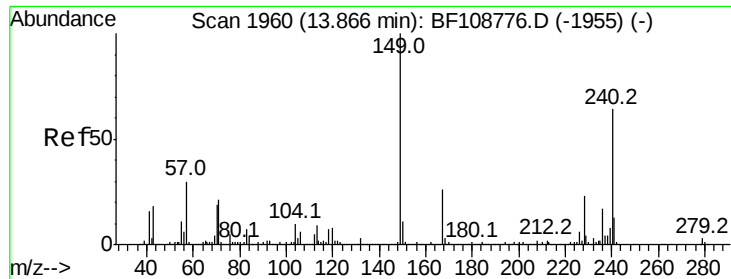
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#82
 Chrysene
 Concen: 44.137 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108874.D
 Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1109281		
226	31.9		25.0	37.6
229	20.4		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.177 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

ClientSampleId :

PB112683BSD

Tot Ion:149 Resp: 726283

Ion Ratio Lower Upper

149 100

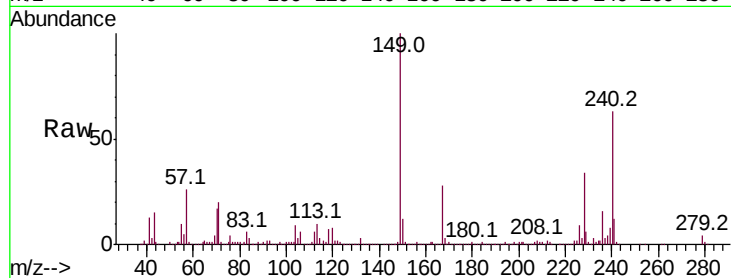
167 27.6 21.3 31.9

279 4.0 3.0 4.4

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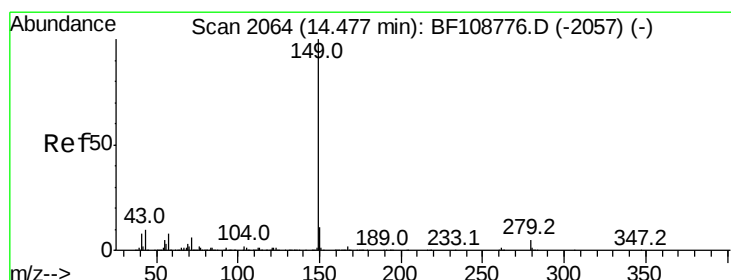
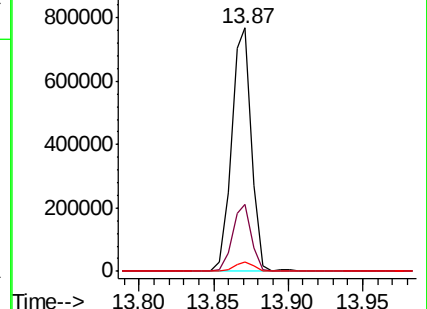
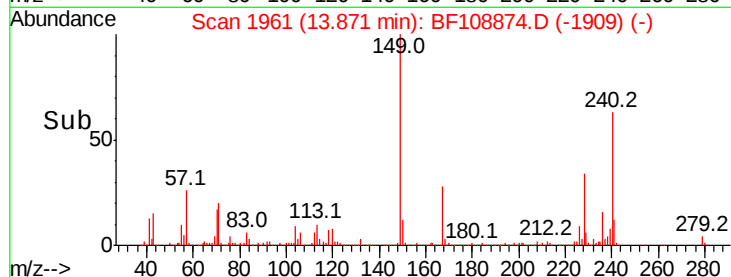
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.006 ng

RT: 14.48 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

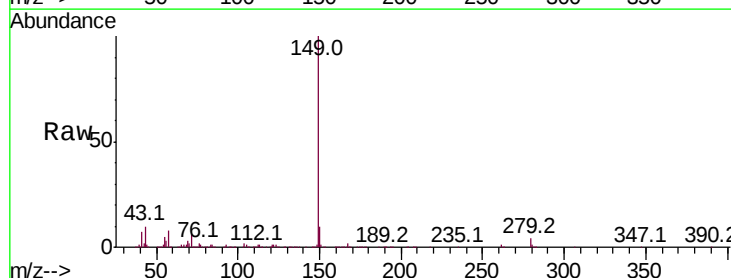
Tgt Ion:149 Resp: 1294046

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

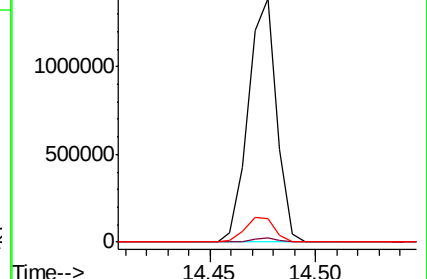
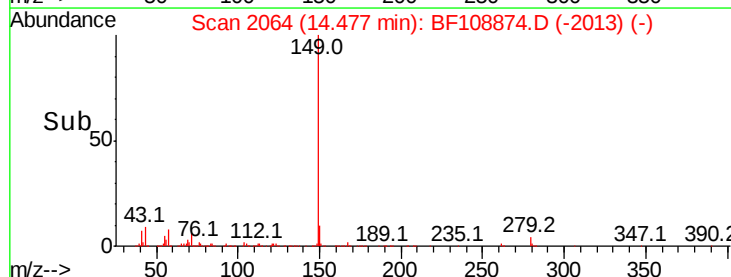
43 10.1 8.4 12.6

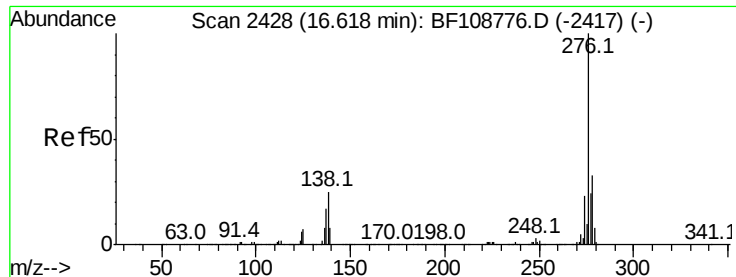


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





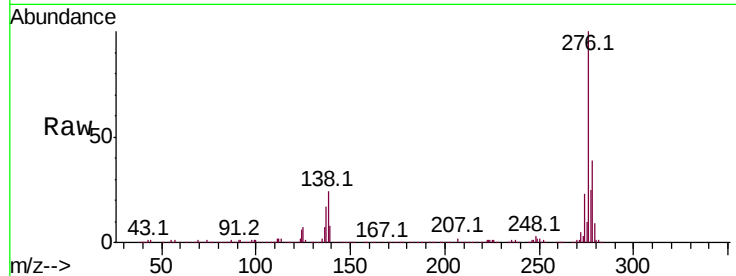
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.765 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

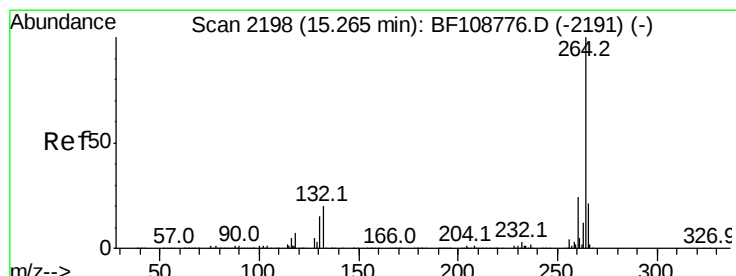
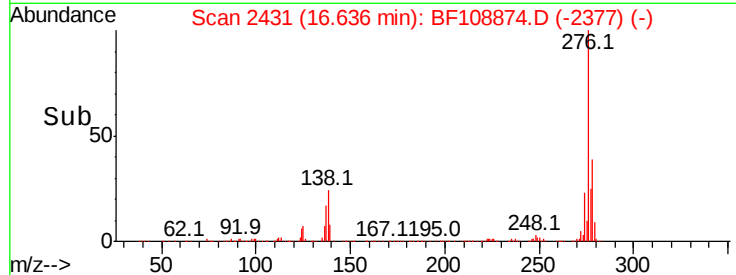
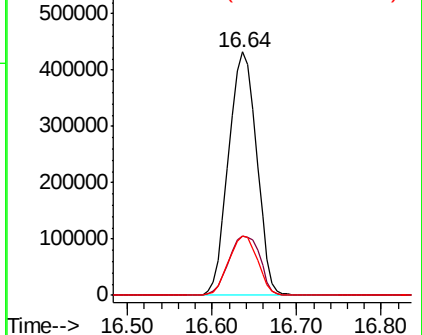
Tot Ion:	276	Resp:	995663
Ion Ratio	Lower	Upper	
276	100		
138	27.2	25.0	37.6
277	25.2	20.1	30.1

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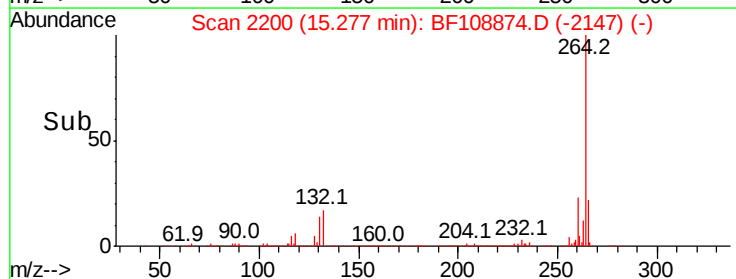
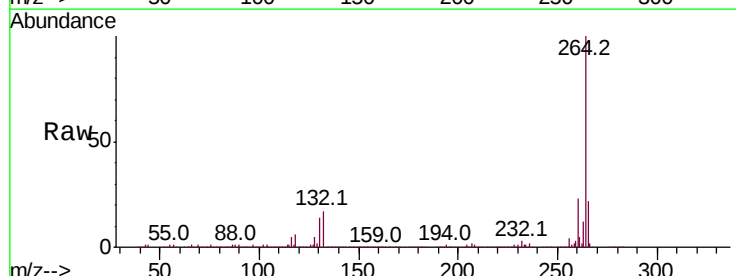
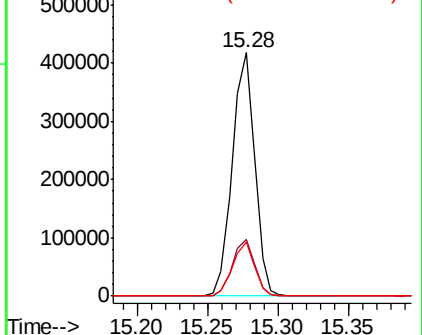
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

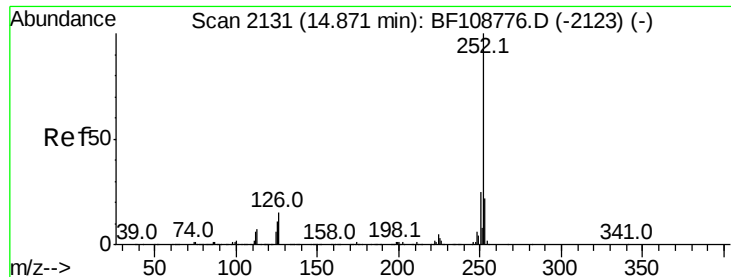


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion:	264	Resp:	465687
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	22.2	17.5	26.3

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





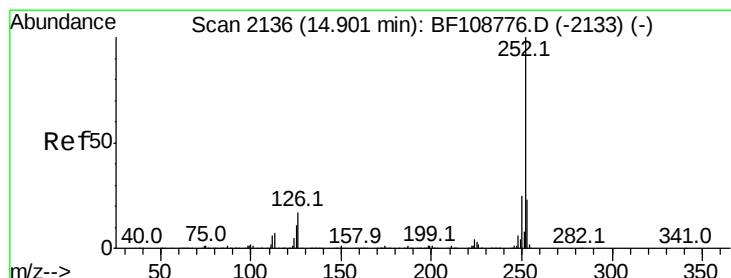
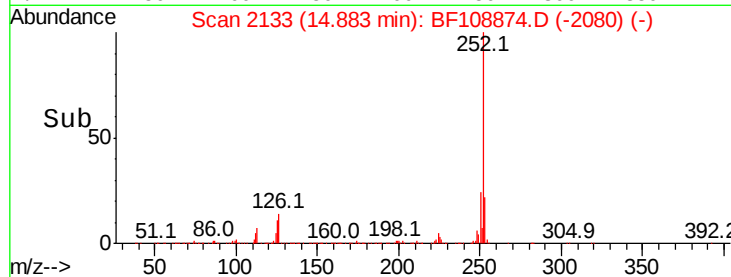
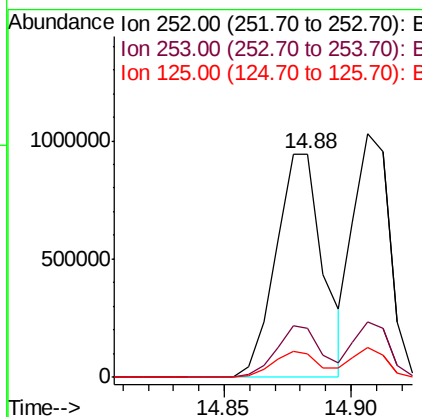
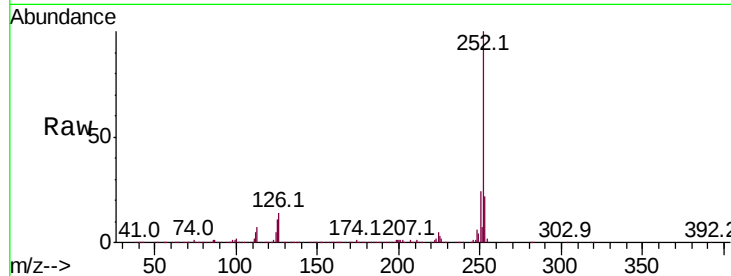
#87
Benzo(b)fluoranthene
Concen: 48.505 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	10.6	9.0	13.6

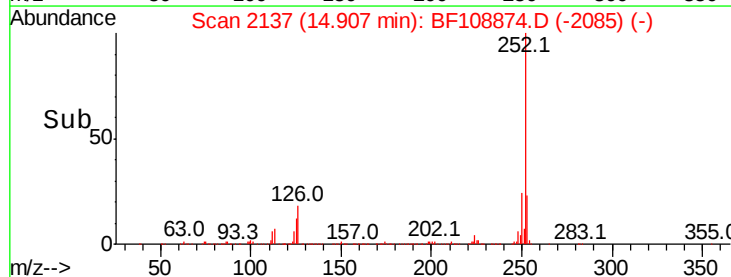
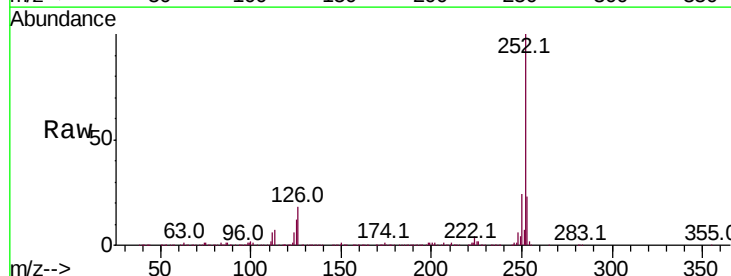
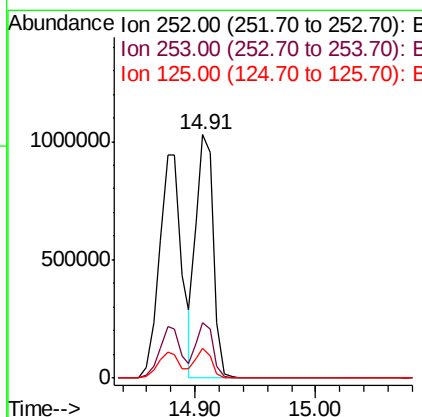
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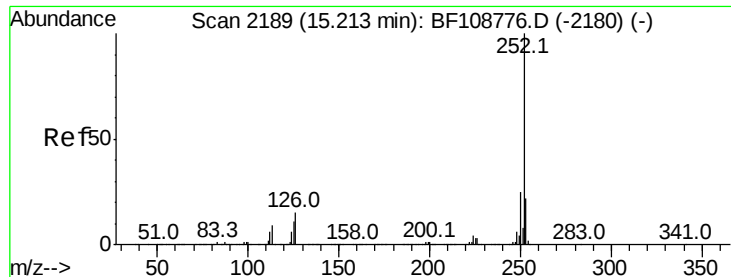
Sohil
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#88
Benzo(k)fluoranthene
Concen: 44.045 ng
RT: 14.91 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.2	10.2	15.2





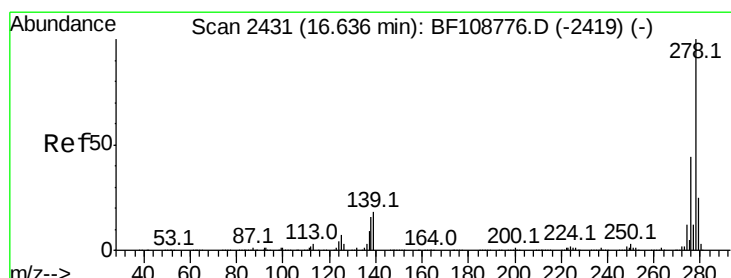
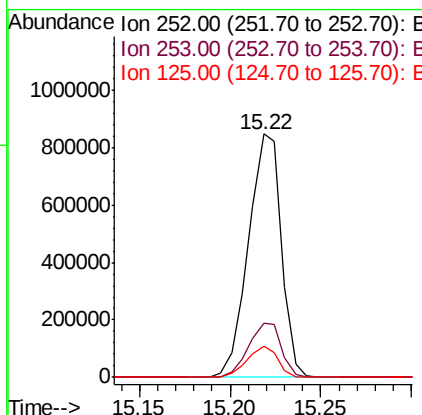
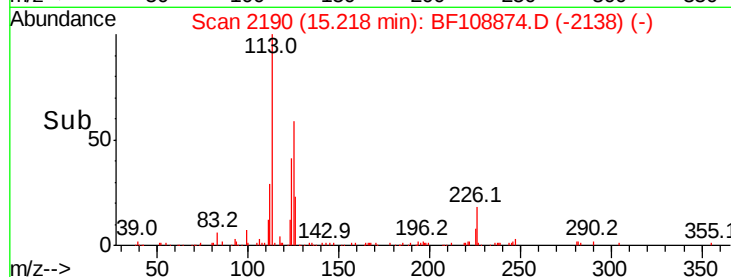
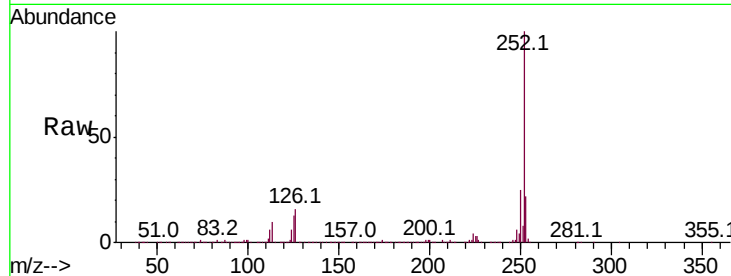
#89
Benzo(a)pyrene
Concen: 46.807 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.9	9.8	14.6

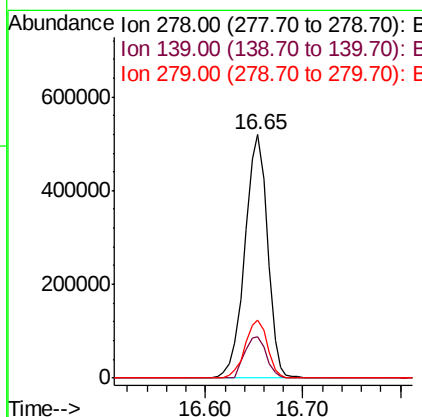
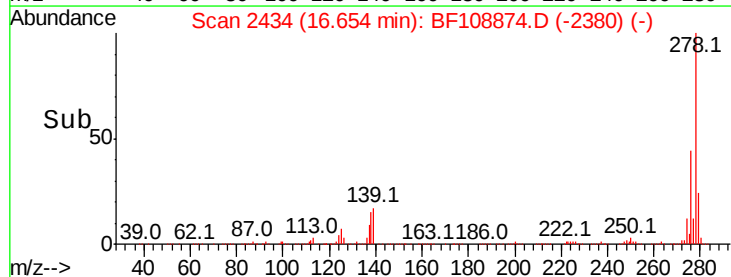
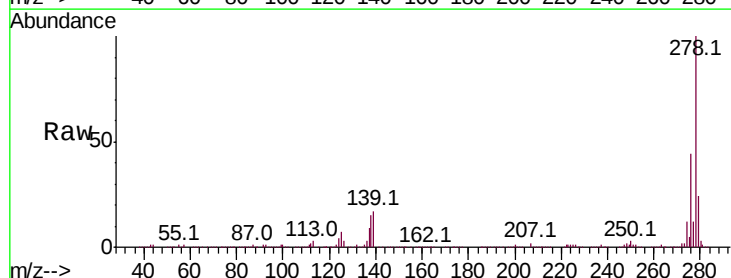
Manual Integrations
APPROVED

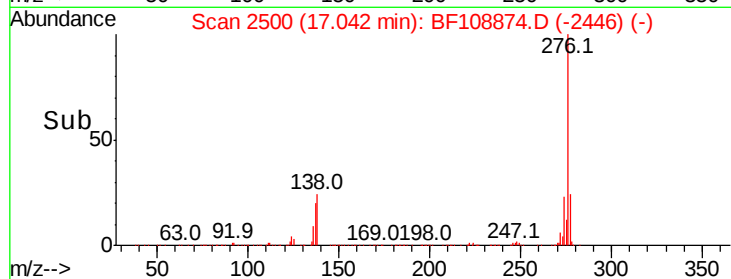
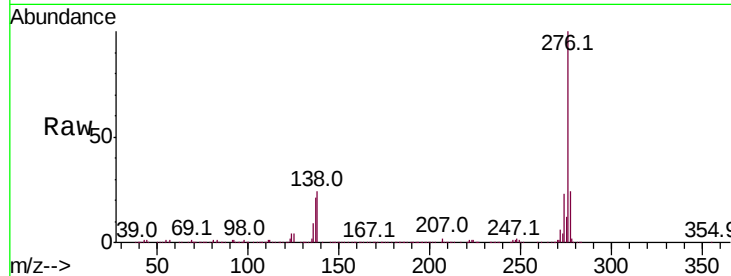
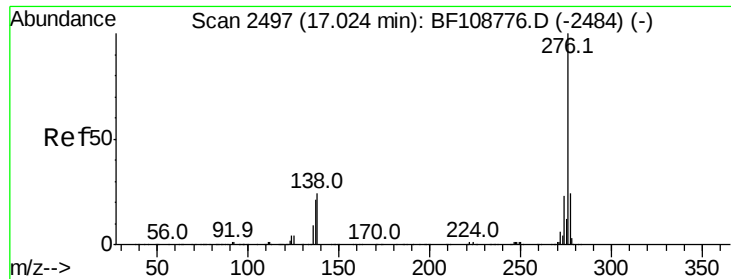
Sohil
9/10/2018 10:39:43 AM



#90
Dibenzo(a,h)anthracene
Concen: 41.860 ng
RT: 16.65 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BF108874.D
Acq: 7 Sep 2018 21:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	23.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.106 ng

RT: 17.04 min Scan# 2500

Delta R.T. 0.02 min

Lab File: BF108874.D

Acq: 7 Sep 2018 21:21

Instrument :

BNA_F

ClientSampleId :

PB112683BSD

Tot Ion: 276 Resp: 788304

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 24.2 21.8 32.8

Manual Integrations

APPROVED

Sohil

9/10/2018 10:39:43 AM

