

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109518.D
 Acq On : 2 Oct 2018 22:37
 Operator : JU/SJ
 Sample : PB113418BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BSD

Manual Integrations
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Sohil
 10/3/2018 9:31:08 AM

Quant Time: Oct 03 04:53:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112760	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	432790	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	204083	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	367018	20.00	ng	0.00
75) Chrysene-d12	13.84	240	238369	20.00	ng	0.00
86) Perylene-d12	15.24	264	266769	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	568339	83.02	ng	0.01
7) Phenol-d6	6.36	99	719745	82.39	ng	0.00
23) Nitrobenzene-d5	7.27	82	672954	91.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	186221	92.56	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1229311	90.85	ng	-0.01
78) Terphenyl-d14	12.79	244	1047393	107.84	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.44	88	99978	31.709	ng	92
3) Pyridine	3.15	79	253023	31.180	ng	90
4) n-Nitrosodimethylamine	3.09	42	126529	36.638	ng	# 98
6) Aniline	6.37	93	243939	21.826	ng	# 1
8) 2-Chlorophenol	6.49	128	313834	41.223	ng	98
9) Benzaldehyde	6.25	77	136908	24.396	ng	99
10) Phenol	6.37	94	368097	37.208	ng	76
11) bis(2-Chloroethyl)ether	6.45	93	273971	35.391	ng	95
12) 1,3-Dichlorobenzene	6.65	146	332764	37.963	ng	99
13) 1,4-Dichlorobenzene	6.72	146	347722	39.377	ng	99
14) 1,2-Dichlorobenzene	6.87	146	306775	37.659	ng	99
15) Benzyl Alcohol	6.85	79	256161	38.308	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	404803	36.866	ng	77
17) 2-Methylphenol	6.97	107	245723	39.890	ng	# 90
18) Hexachloroethane	7.22	117	123924	39.832	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	218867	38.235	ng	98
20) 3+4-Methylphenols	7.13	107	306642	41.231	ng	# 87
22) Acetophenone	7.12	105	434315	43.405	ng	98
24) Nitrobenzene	7.29	77	326677	41.907	ng	96
25) Isophorone	7.53	82	600936	45.518	ng	97
26) 2-Nitrophenol	7.60	139	158918	51.550	ng	96
27) 2,4-Dimethylphenol	7.65	122	278341	48.386	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	380692	43.561	ng	99
29) 2,4-Dichlorophenol	7.85	162	265106	43.863	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	267964	39.677	ng	97
31) Naphthalene	8.01	128	893865	44.198	ng	100
32) Benzoic acid	7.79	122	129428	35.218	ng	99
33) 4-Chloroaniline	8.06	127	102442	11.595	ng	97
34) Hexachlorobutadiene	8.13	225	166409	40.873	ng	99
35) Caprolactam	8.43	113	81177m	42.069	ng	
36) 4-Chloro-3-methylphenol	8.55	107	280584	44.117	ng	99
37) 2-Methylnaphthalene	8.70	142	595642	45.687	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	273147	42.055	ng	99
40) Hexachlorocyclopentadiene	8.86	237	171917	60.685	ng	97

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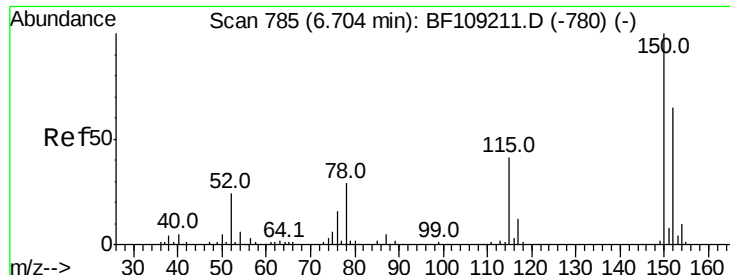
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	180698	43.348	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	197776	44.923	nq	97
45) 1,1'-Biphenyl	9.16	154	712076	42.824	nq	99
46) 2-Chloronaphthalene	9.19	162	539943	40.647	nq	98
47) 2-Nitroaniline	9.28	65	169325	44.959	nq	93
48) Acenaphthylene	9.60	152	876772	43.752	nq	99
49) Dimethylphthalate	9.47	163	670939	45.200	nq	99
50) 2,6-Dinitrotoluene	9.53	165	139250	47.367	nq	97
51) Acenaphthene	9.77	154	494802	40.839	nq	98
52) 3-Nitroaniline	9.69	138	71080	20.878	nq	97
53) 2,4-Dinitrophenol	9.80	184	71233	69.571	nq #	22
54) Dibenzofuran	9.95	168	733681	40.718	nq	99
55) 4-Nitrophenol	9.87	139	184474	71.928	nq	89
56) 2,4-Dinitrotoluene	9.93	165	172766	46.446	nq #	87
57) Fluorene	10.28	166	563642	43.842	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	165855	47.579	nq #	85
59) Diethylphthalate	10.16	149	656524	43.677	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	275818	41.076	nq	95
61) 4-Nitroaniline	10.31	138	133664	40.258	nq	98
62) Azobenzene	10.43	77	632637	40.509	nq	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	56357	39.674	nq	88
65) n-Nitrosodiphenylamine	10.40	169	544499	44.903	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	181353	44.497	nq #	86
67) Hexachlorobenzene	10.83	284	183614	42.420	nq #	89
68) Atrazine	10.93	200	180359	48.362	nq	96
69) Pentachlorophenol	11.03	266	172459	66.569	nq	99
70) Phenanthrene	11.24	178	794491	43.355	nq	99
71) Anthracene	11.29	178	819340	44.082	nq	99
72) Carbazole	11.45	167	711830	38.492	nq	99
73) Di-n-butylphthalate	11.78	149	970854	45.604	nq	99
74) Fluoranthene	12.42	202	765907	39.110	nq	95
76) Benzidine	12.54	184	309598	36.023	nq	99
77) Pyrene	12.64	202	750697	43.943	nq	100
79) Butylbenzylphthalate	13.27	149	353804	48.679	nq	98
80) Benzo(a)anthracene	13.83	228	597105	41.588	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	156350	28.654	nq	97
82) Chrysene	13.87	228	609464	42.828	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	450540	49.152	nq	98
84) Di-n-octyl phthalate	14.43	149	802273	51.190	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	581969	50.453	nq #	92
87) Benzo(b)fluoranthene	14.84	252	629216	42.924	nq	98
88) Benzo(k)fluoranthene	14.87	252	622386m	44.744	nq	
89) Benzo(a)pyrene	15.19	252	610002	46.181	nq	97
90) Dibenzo(a,h)anthracene	16.60	278	490234	45.240	nq	96
91) Benzo(g,h,i)perylene	17.00	276	454742	42.698	nq #	91

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



#1

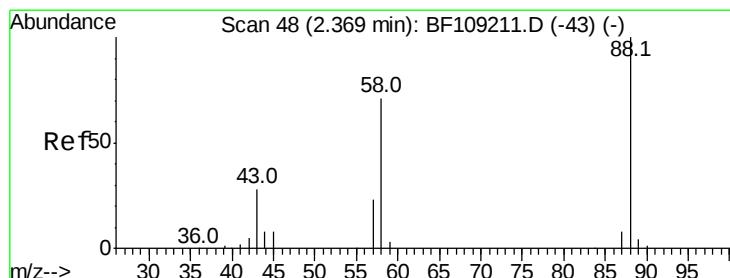
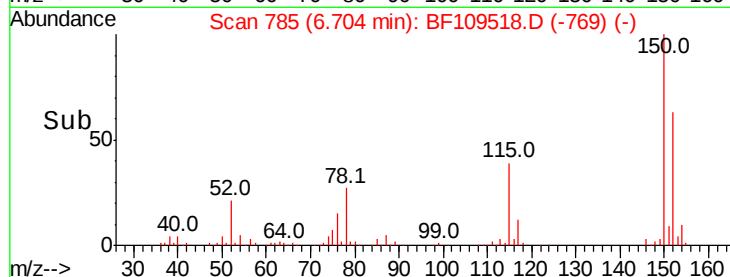
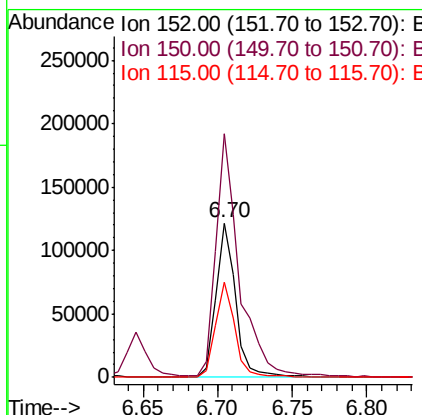
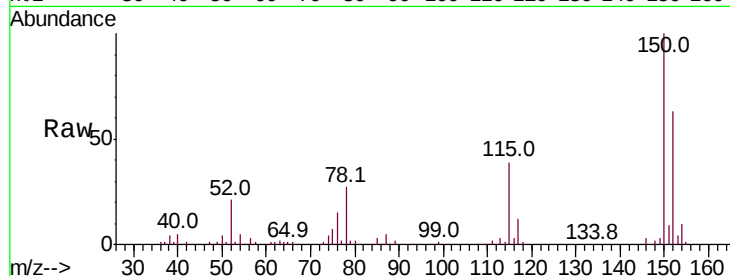
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleID :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	61.3	50.1	75.1

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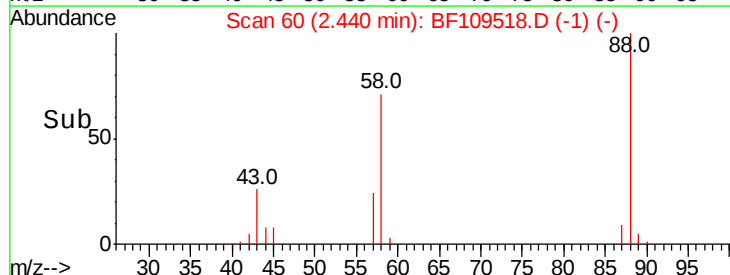
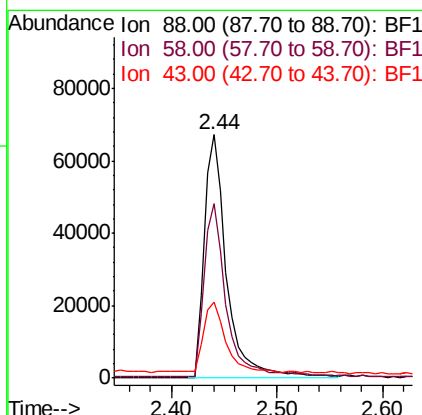
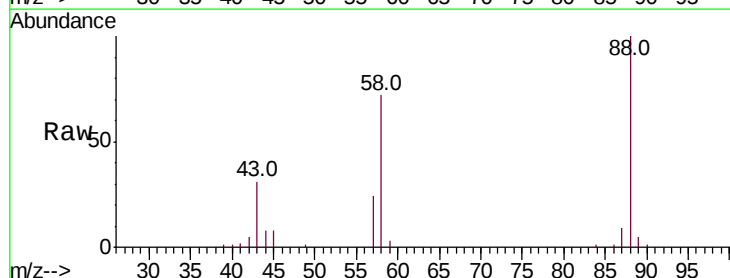
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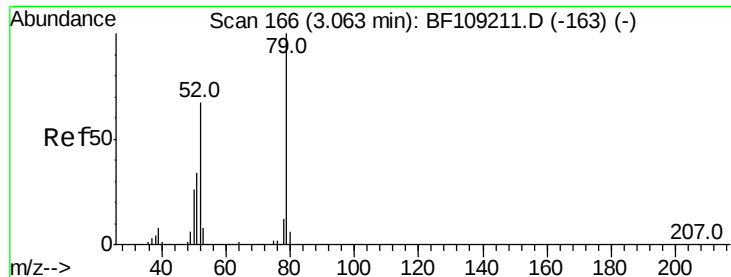


#2

1,4-Dioxane
Concen: 31.709 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.07 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	62.6	93.8
43	27.8	24.6	37.0





#3

Pvridine

Concen: 31.180 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

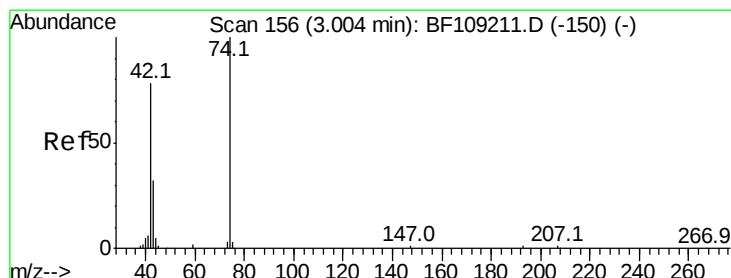
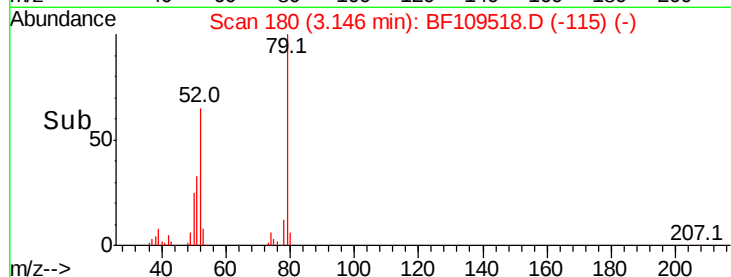
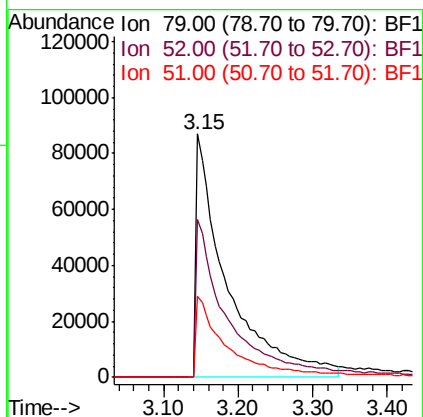
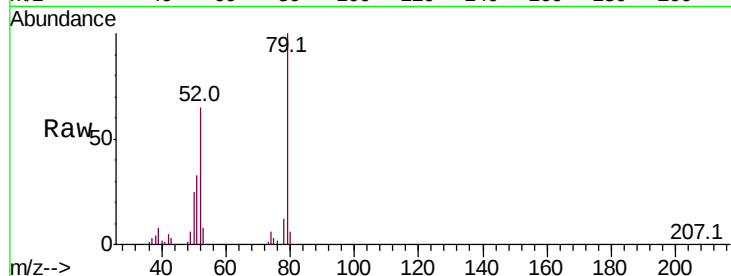
ClientSampleId :

PB113418BSD

Tot Ion:	79	Resp:	253023
Ion Ratio	Lower	Upper	
79	100		
52	64.8	59.8	89.6
51	33.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 36.638 ng

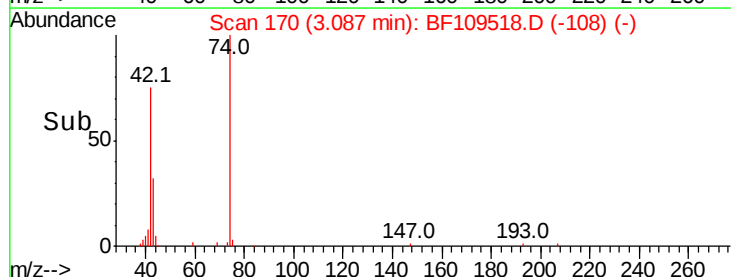
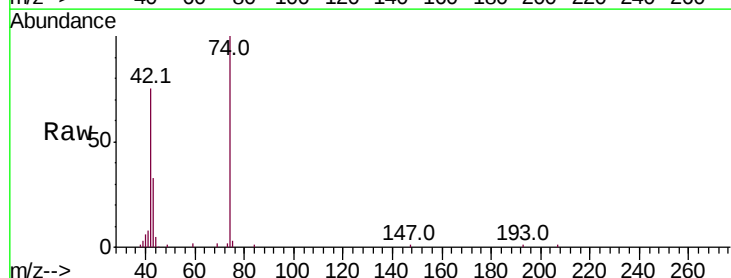
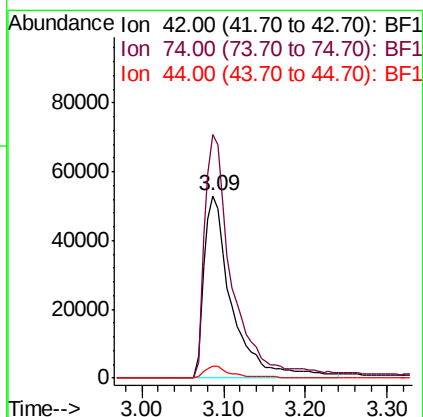
RT: 3.09 min Scan# 170

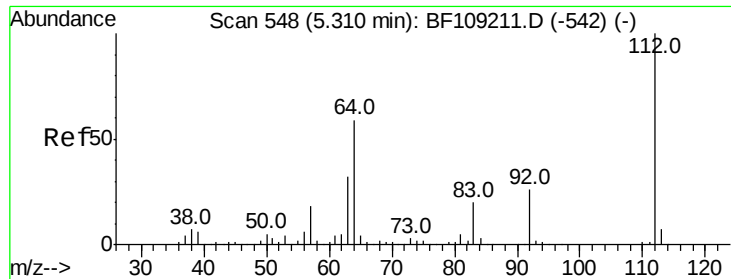
Delta R.T. 0.06 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	42	Resp:	126529
Ion Ratio	Lower	Upper	
42	100		
74	133.2	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 83.017 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

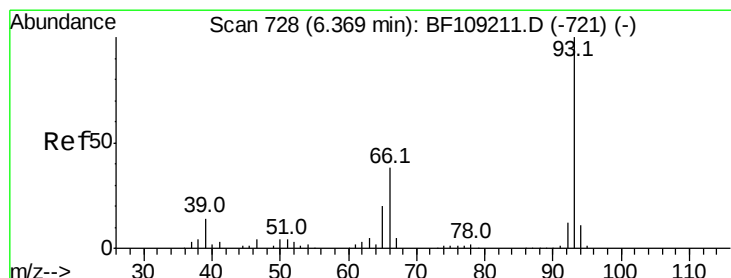
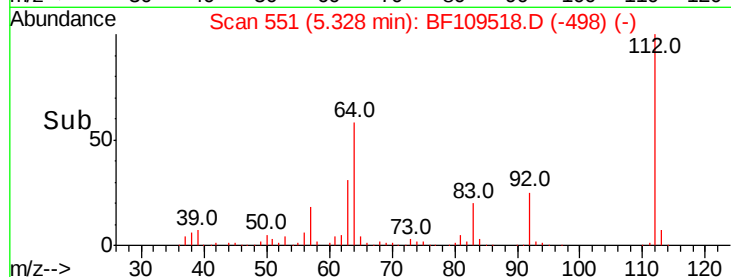
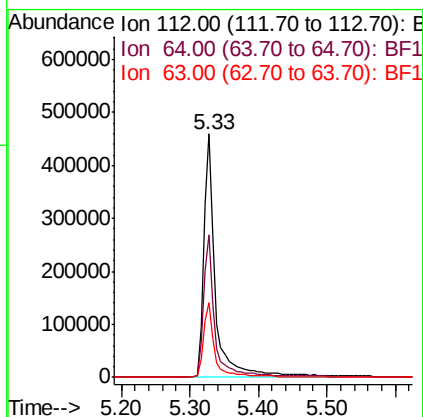
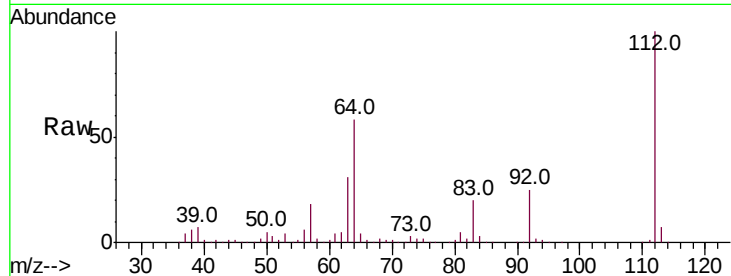
ClientSampleId :

PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	568339		
64	58.4	47.9	71.9	
63	30.8	23.7	35.5	

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#6

Aniline

Concen: 21.826 ng

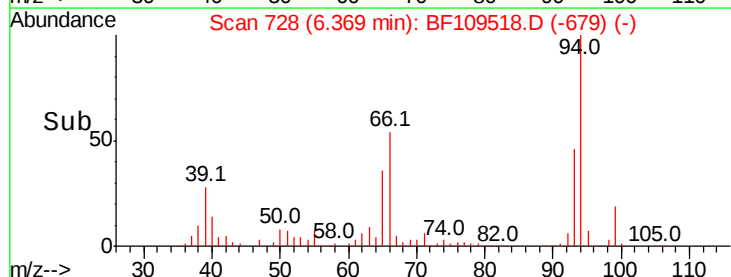
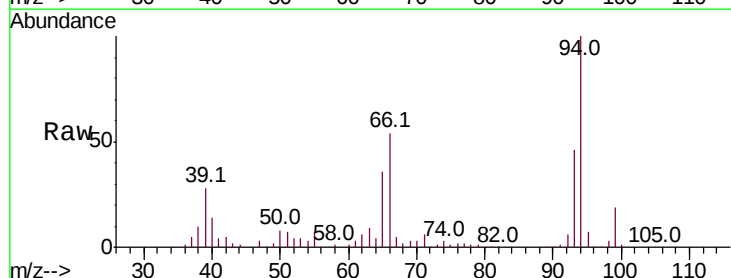
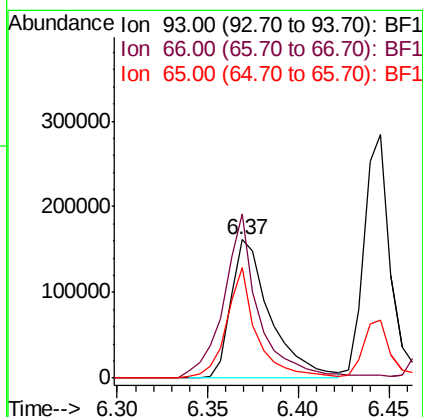
RT: 6.37 min Scan# 728

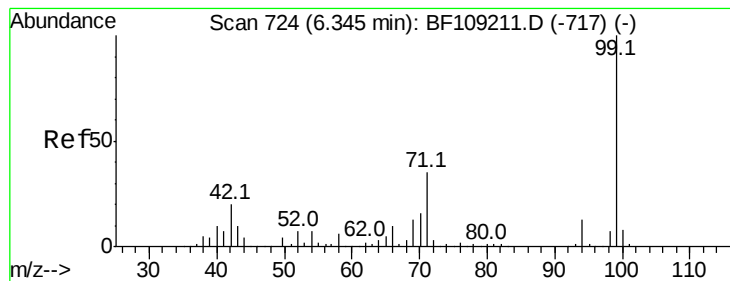
Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	243939		
66	118.9	32.2	48.2#	
65	79.5	16.4	24.6#	





#7

Phenol-d6

Concen: 82.390 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

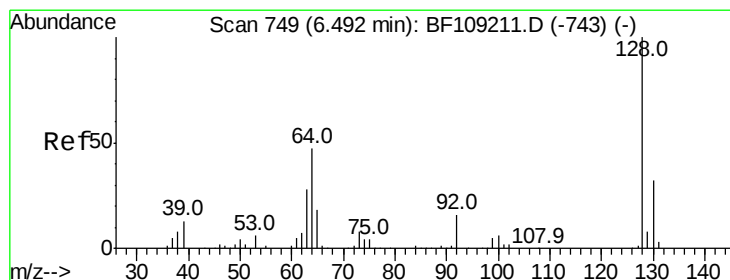
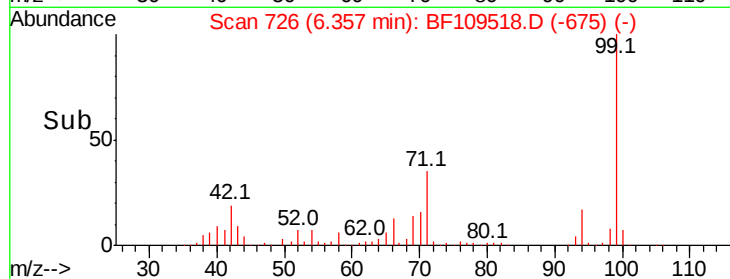
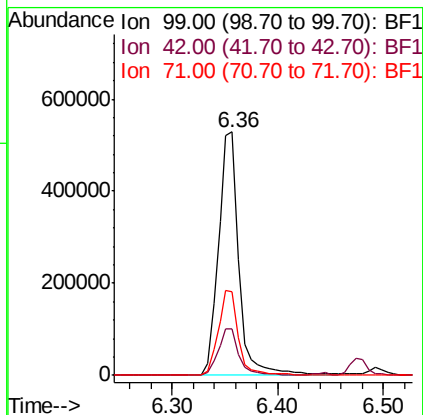
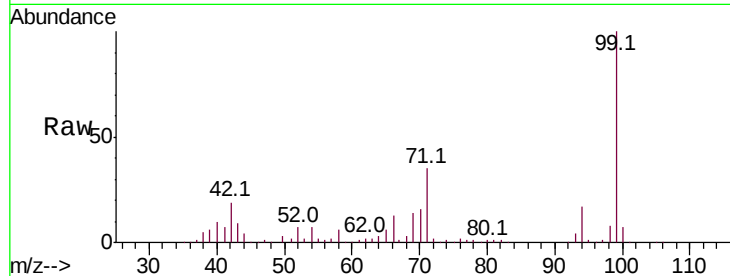
ClientSampleId :

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Tot Ion:	99	Resp:	719745
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	34.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.223 ng

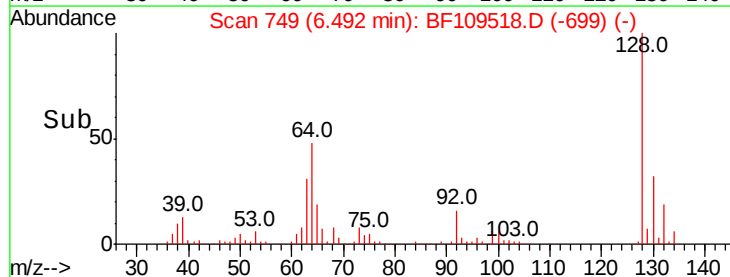
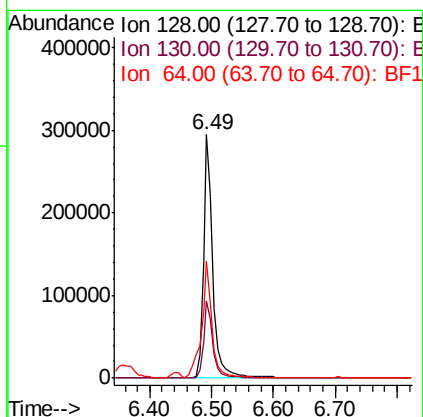
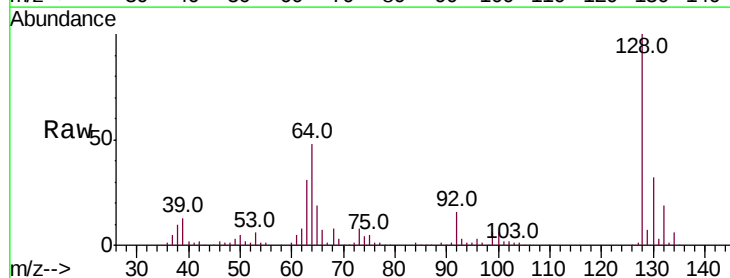
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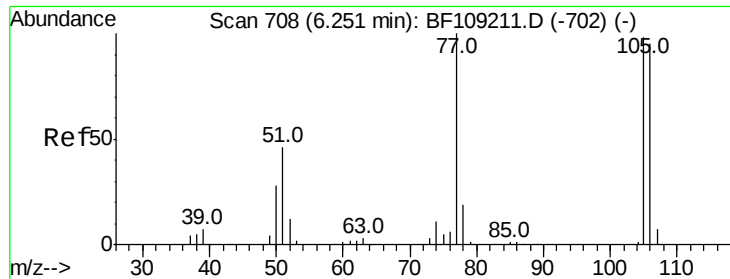
Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	128	Resp:	313834
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	47.8	29.4	69.4





#9

Benzaldehyde

Concen: 24.396 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

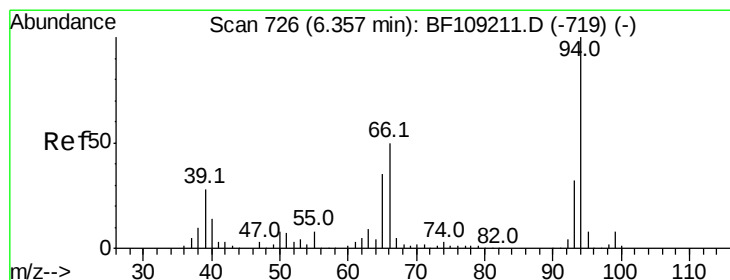
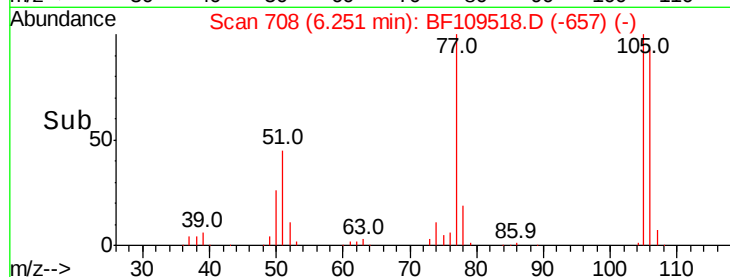
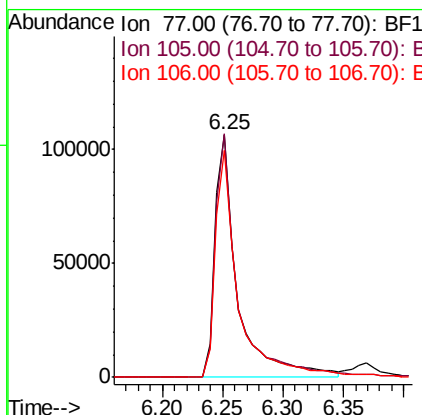
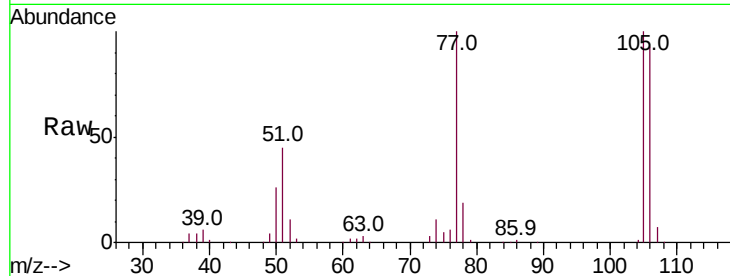
ClientSampleId :

PB113418BSD

Tot Ion:	77	Resp:	136908
Ion Ratio	Lower	Upper	
77	100		
105	100.4	81.1	121.1
106	93.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.208 ng

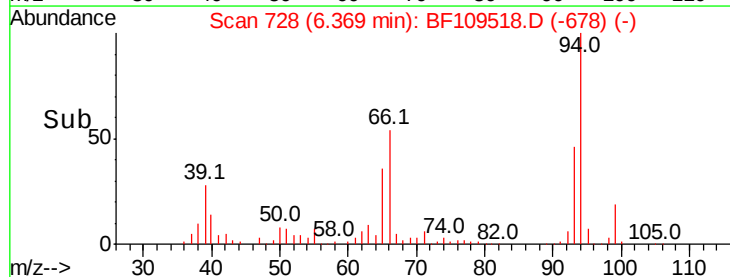
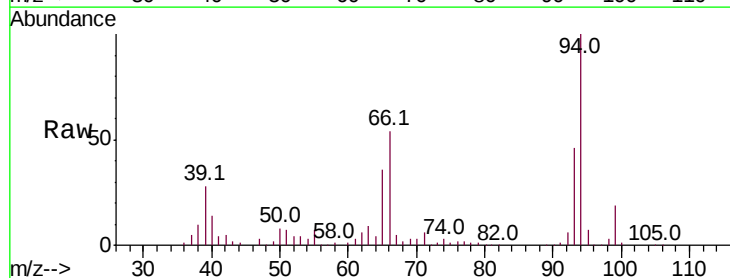
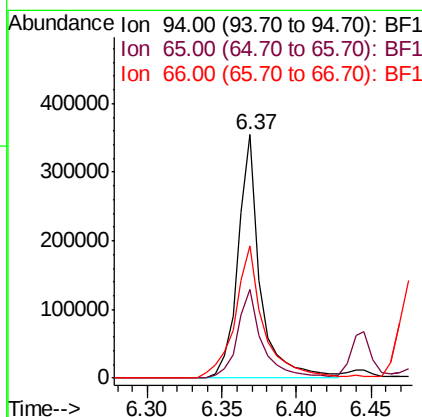
RT: 6.37 min Scan# 728

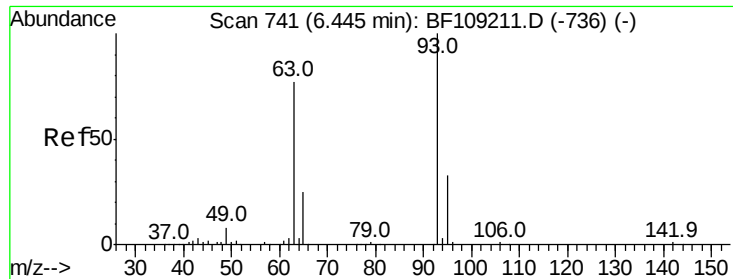
Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	94	Resp:	368097
Ion Ratio	Lower	Upper	
94	100		
65	36.2	7.9	47.9
66	54.2	16.2	56.2





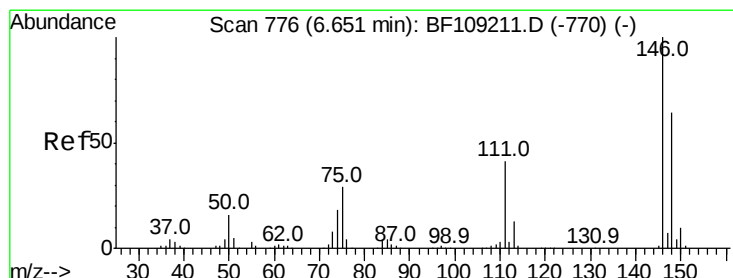
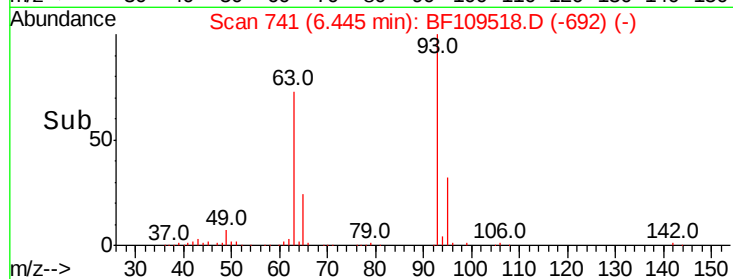
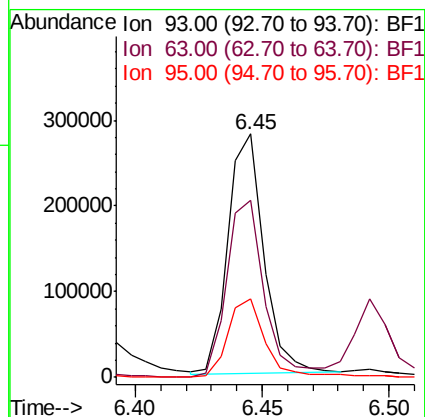
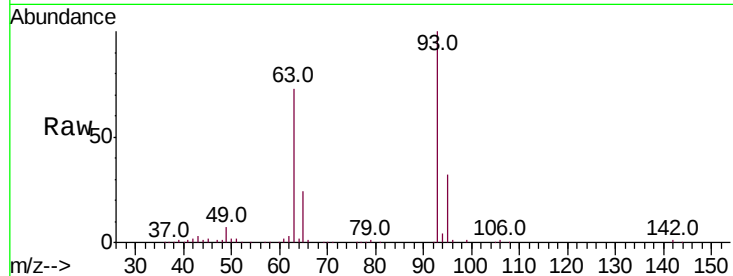
#11
bis(2-Chloroethyl)ether
Concen: 35.391 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	93	Resp	273971
Ion Ratio	100	Lower	Upper
93	100		
63	72.5	58.6	98.6
95	32.4	11.8	51.8

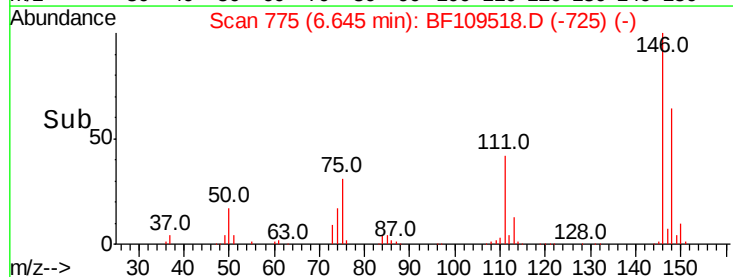
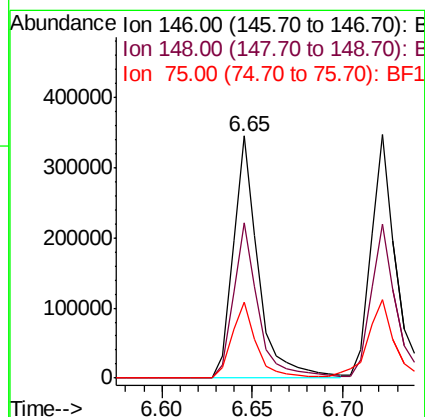
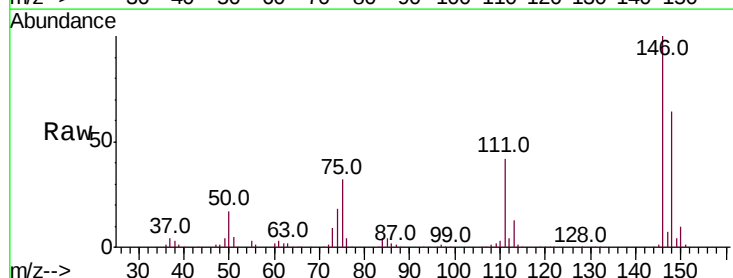
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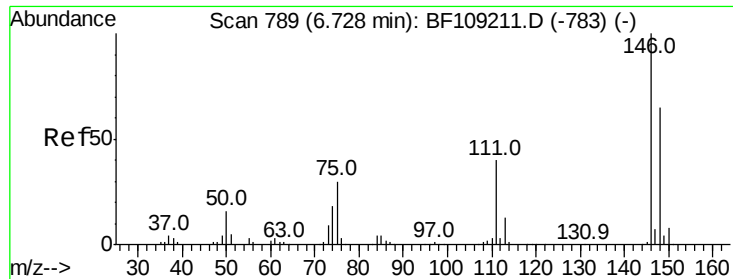
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#12
1,3-Dichlorobenzene
Concen: 37.963 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	146	Resp	332764
Ion Ratio	100	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	31.5	24.2	36.4





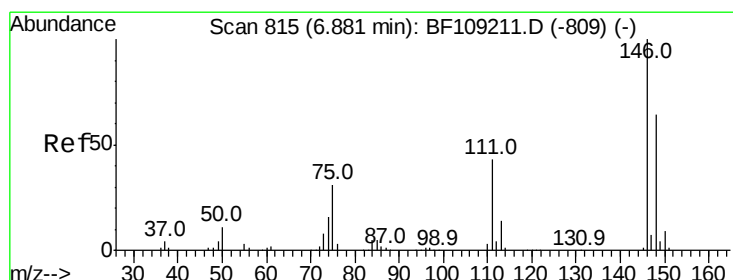
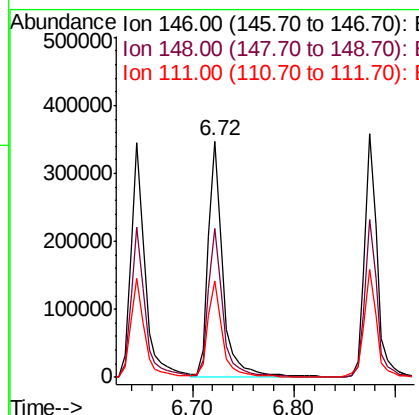
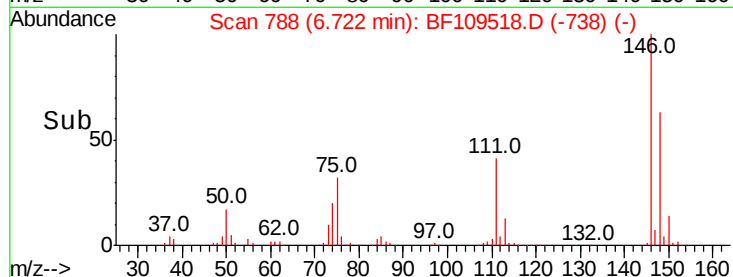
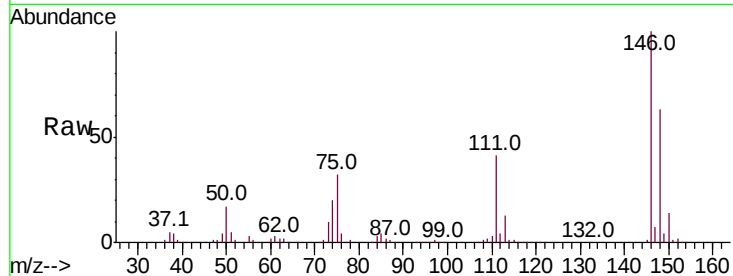
#13
 1,4-Dichlorobenzene
 Concen: 39.377 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleID :
 PB113418BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	40.9	34.2	51.2

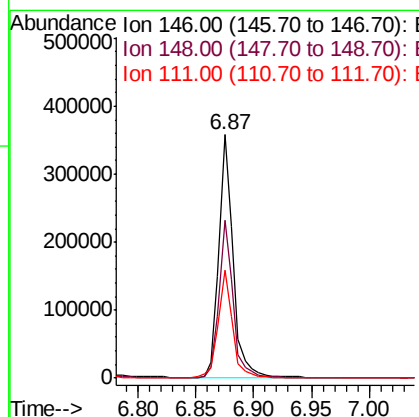
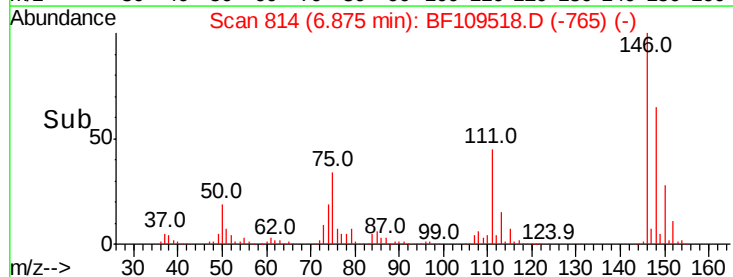
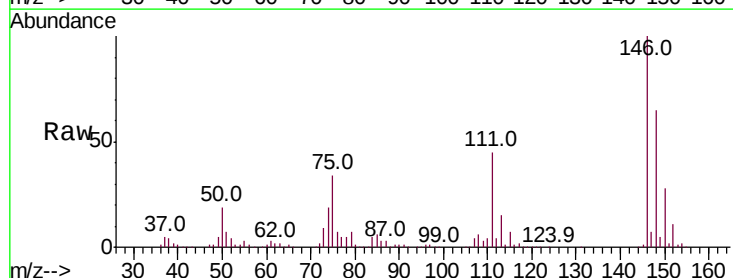
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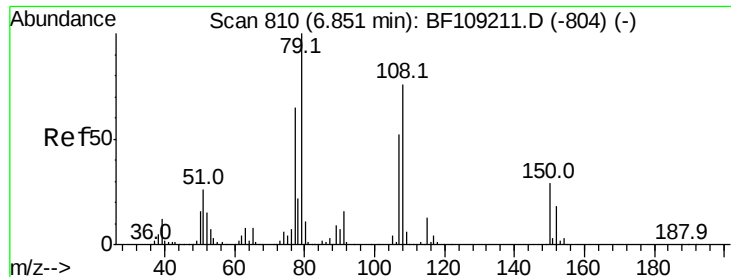
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#14
 1,2-Dichlorobenzene
 Concen: 37.659 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.308 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

ClientSampleId :

PB113418BSD

Tot Ion: 79 Resp: 256161

Ion Ratio Lower Upper

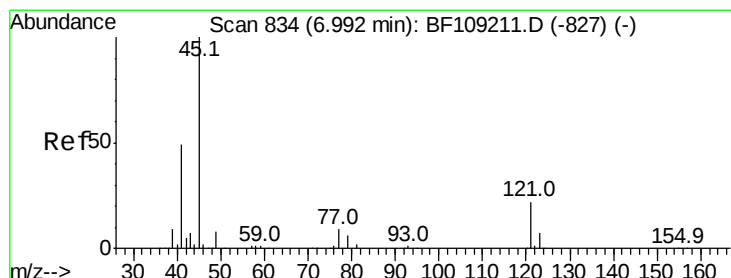
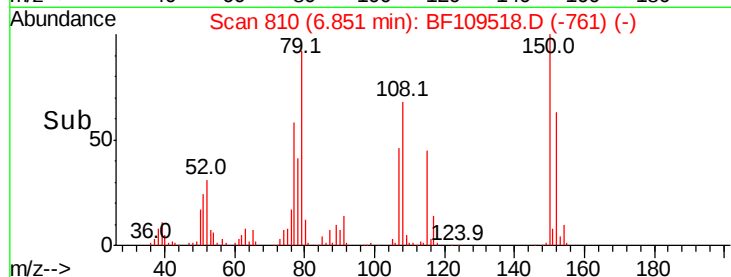
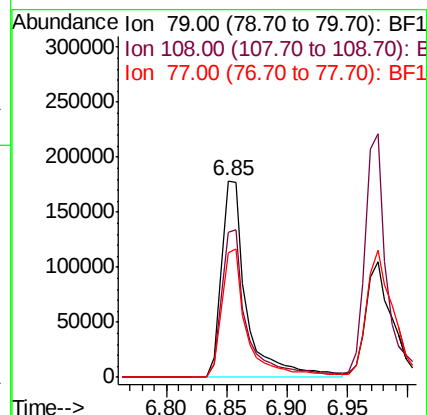
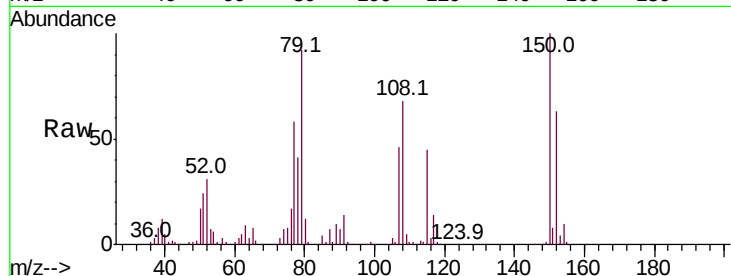
79 100

108 73.5 65.1 97.7

77 63.3 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.866 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

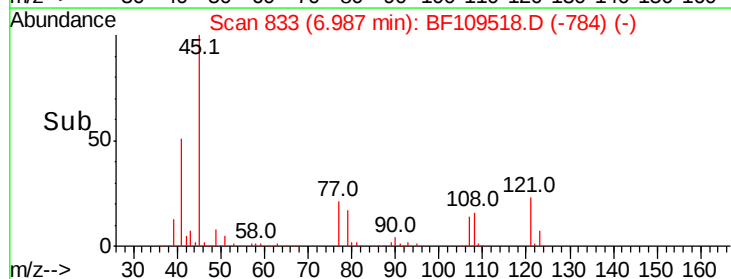
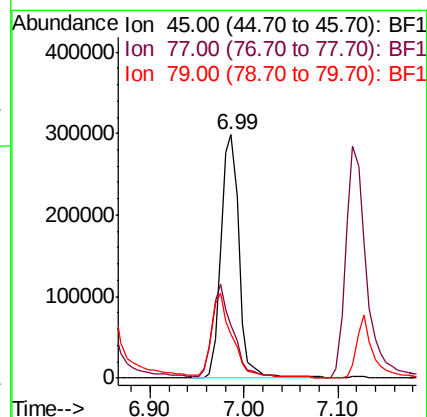
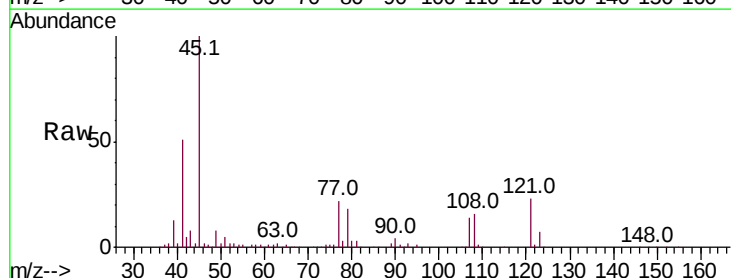
Tgt Ion: 45 Resp: 404803

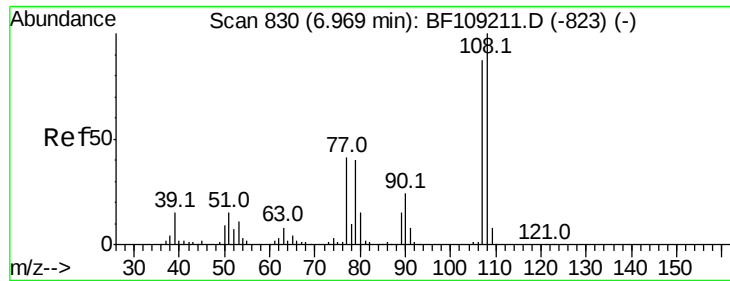
Ion Ratio Lower Upper

45 100

77 22.0 0.0 32.9

79 17.9 0.0 29.6





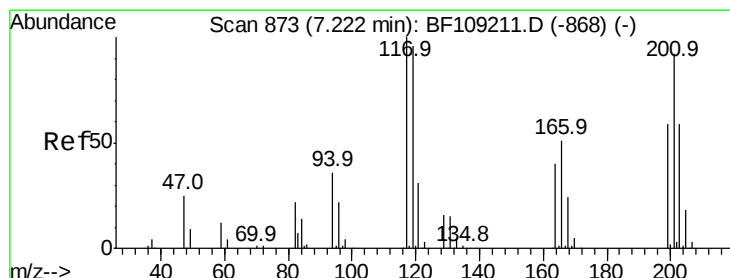
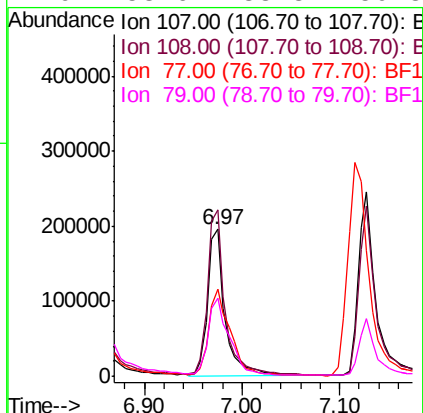
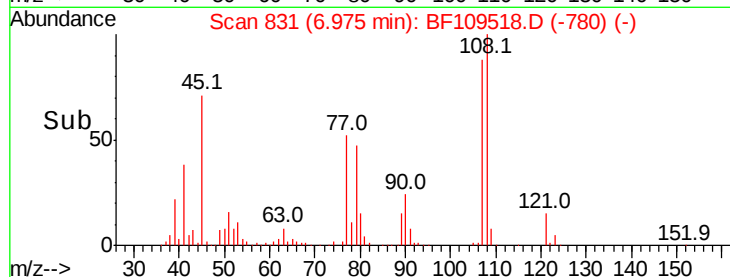
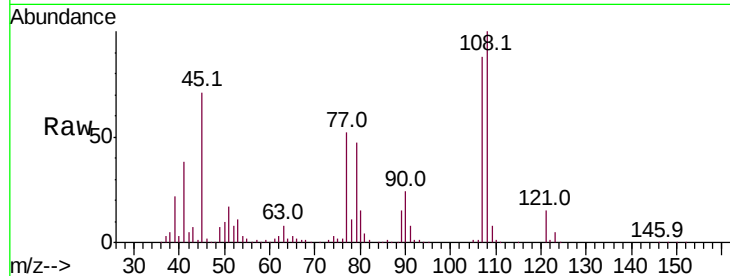
#17
2-Methylphenol
Concen: 39.890 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	91.7	137.5	
77	59.2	33.8	50.8#	
79	53.6	33.8	50.8#	

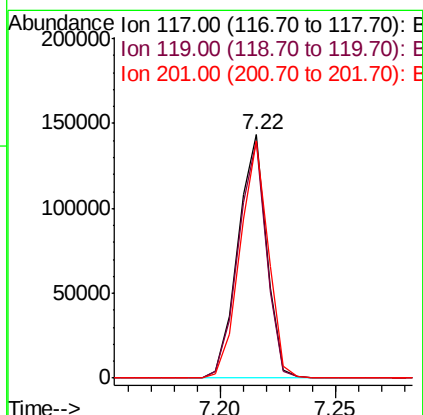
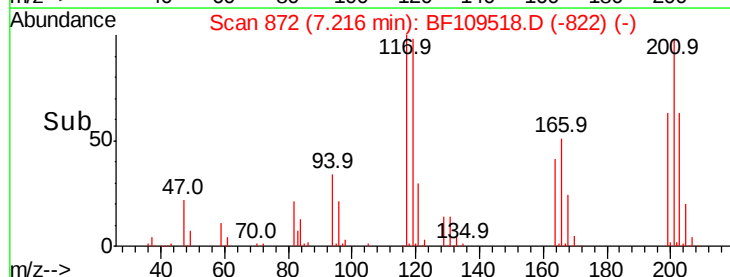
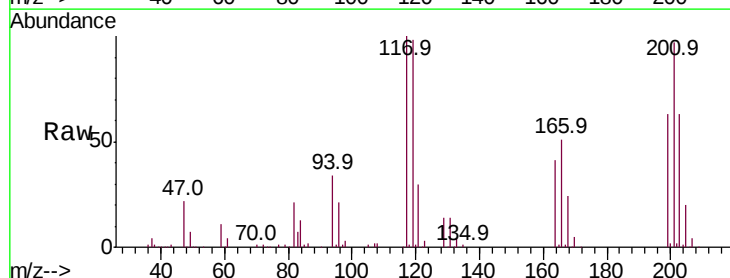
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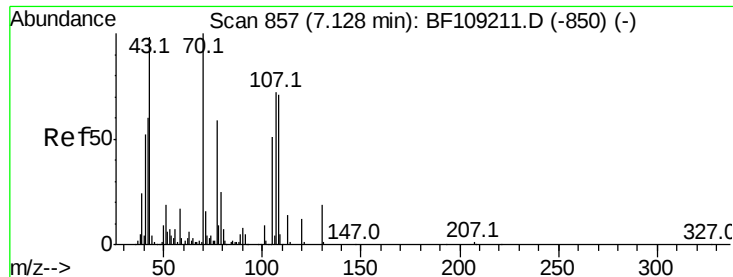
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#18
Hexachloroethane
Concen: 39.832 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.8	113.8	
201	97.5	75.7	113.5	





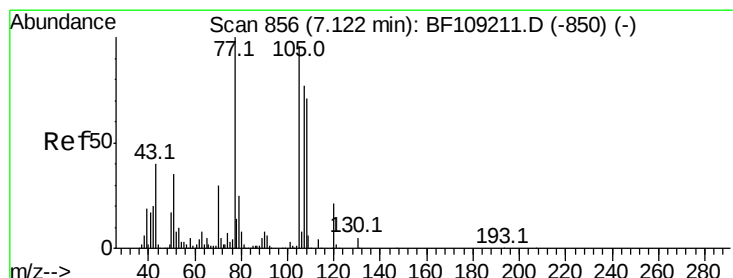
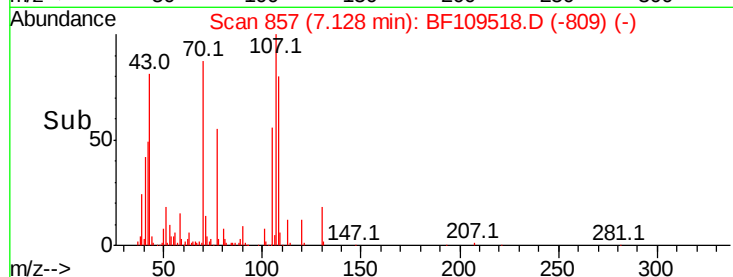
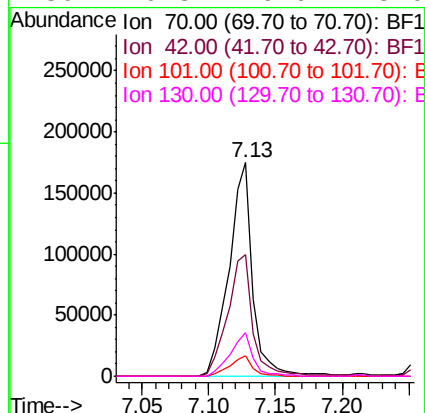
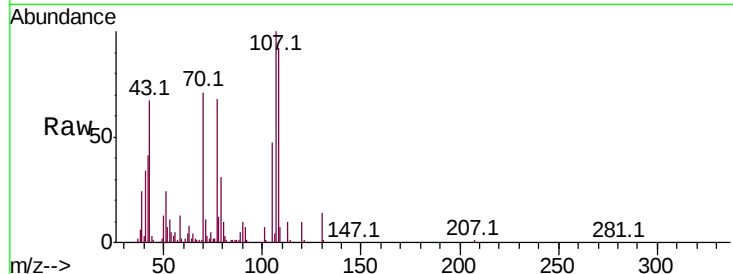
#19
n-Nitroso-di-n-propylamine
Concen: 38.235 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.5	71.3
101	9.6	7.4	11.2
130	20.3	16.6	25.0

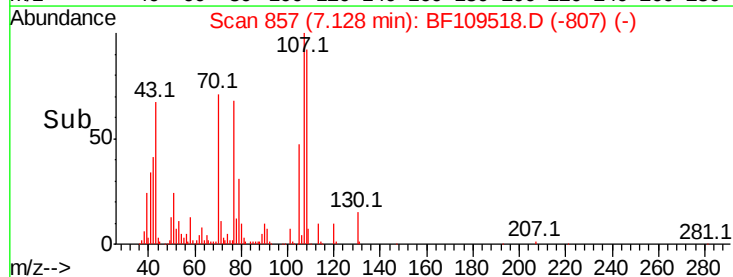
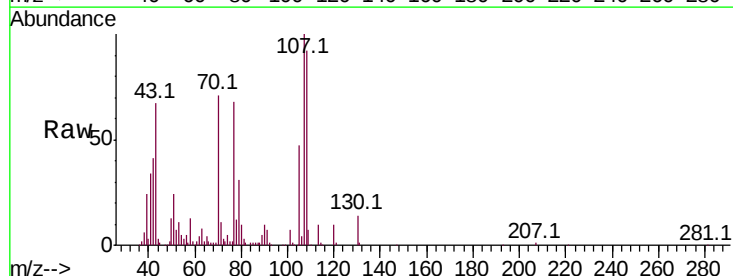
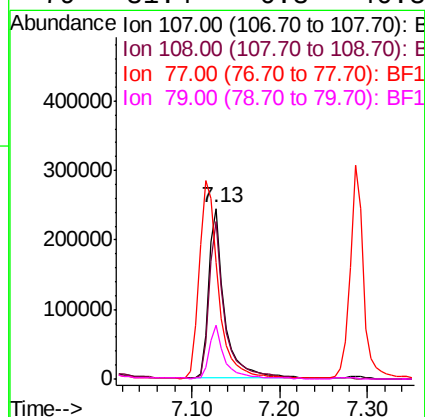
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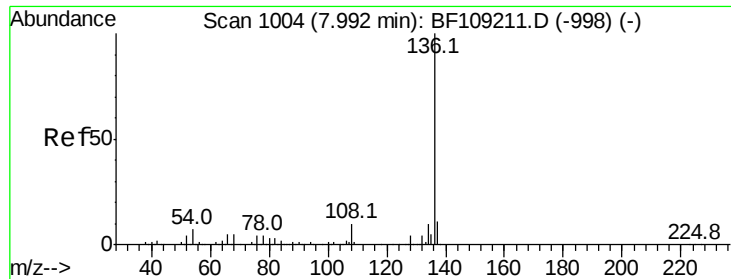
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#20
3+4-Methylphenols
Concen: 41.231 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	68.3	26.7	66.7#
79	31.4	6.3	46.3





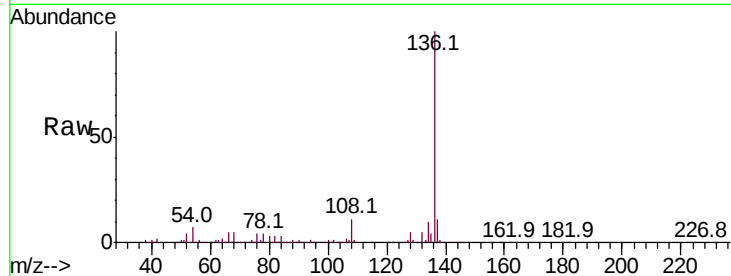
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

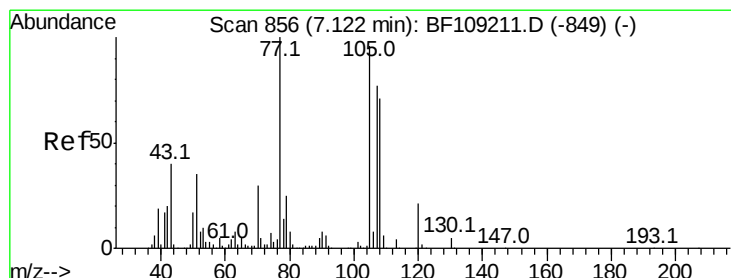
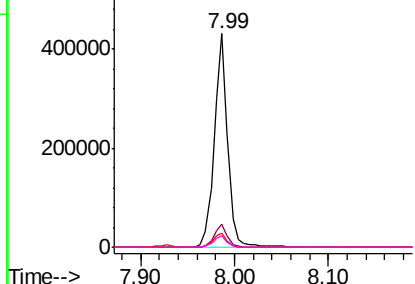
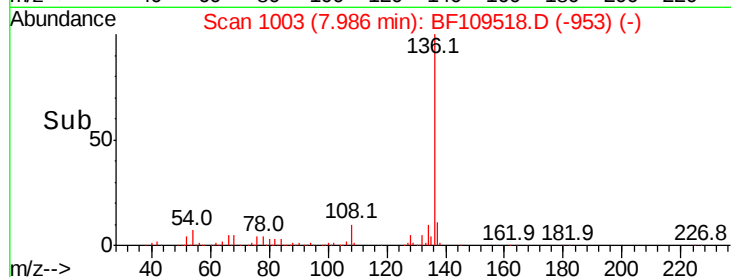
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.8	6.6	9.8	
68	5.1	5.0	7.4	

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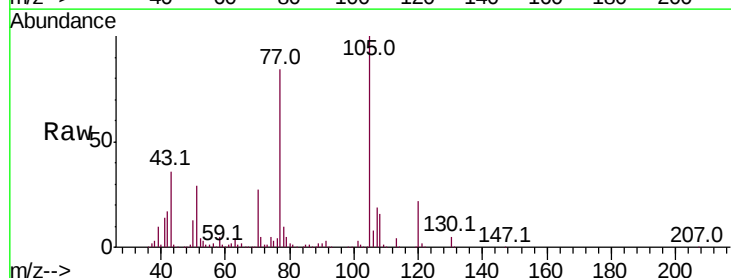


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

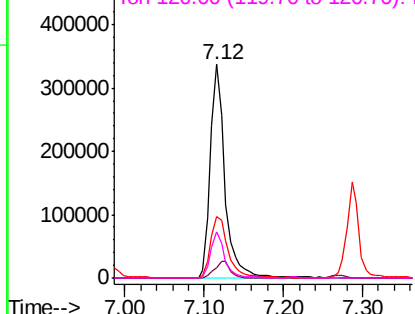
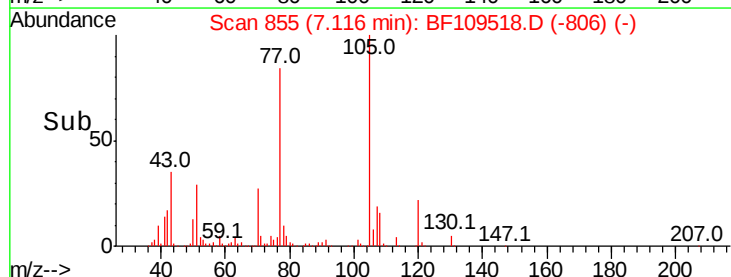


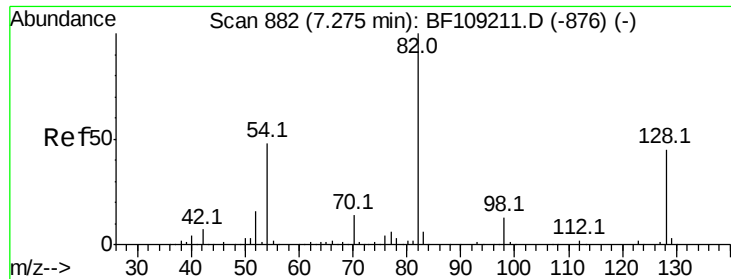
#22
Acetophenone
Concen: 43.405 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.4	6.6	
51	28.7	22.3	33.5	
120	21.8	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





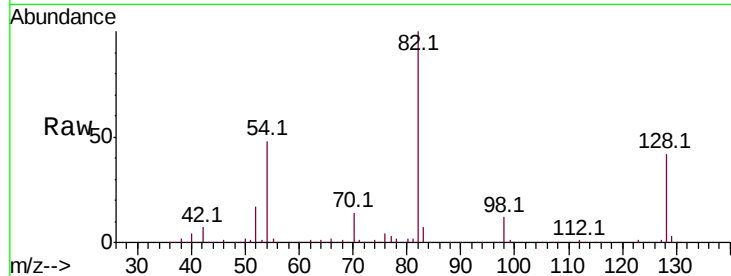
#23
Nitrobenzene-d5
Concen: 91.789 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

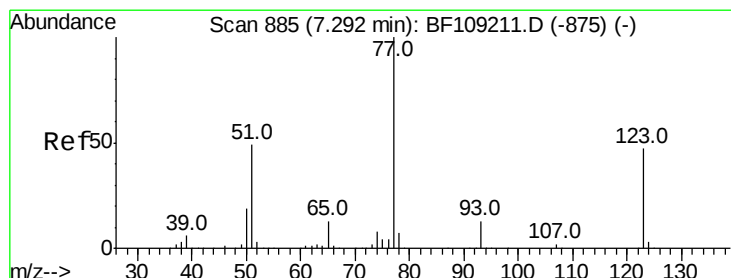
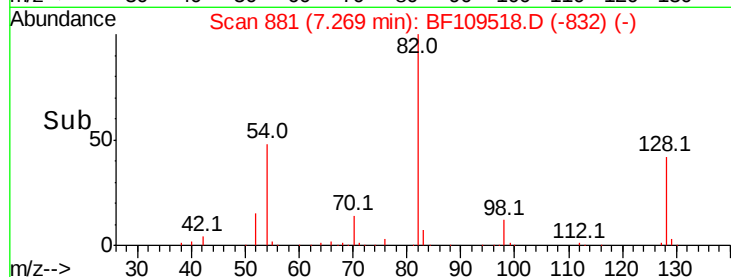
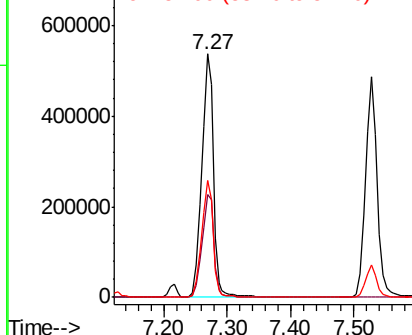
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	48.1	41.4	62.2

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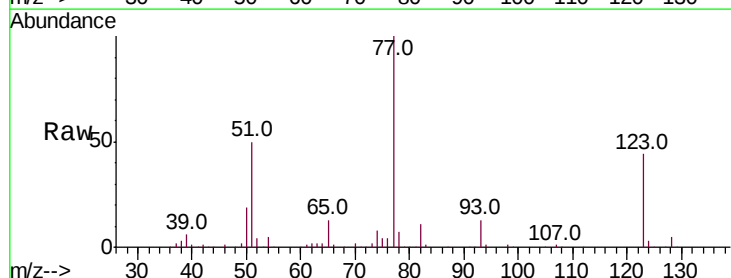


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

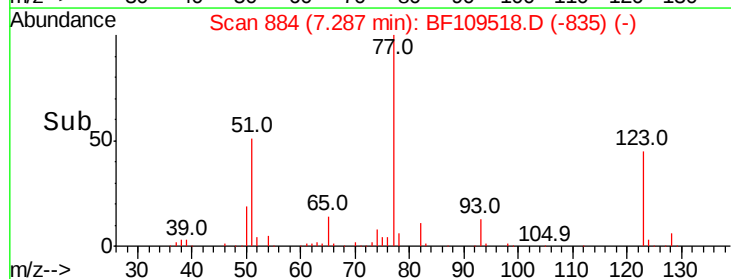
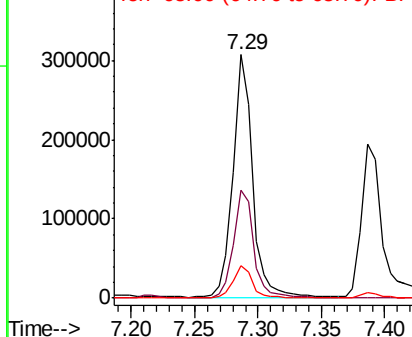


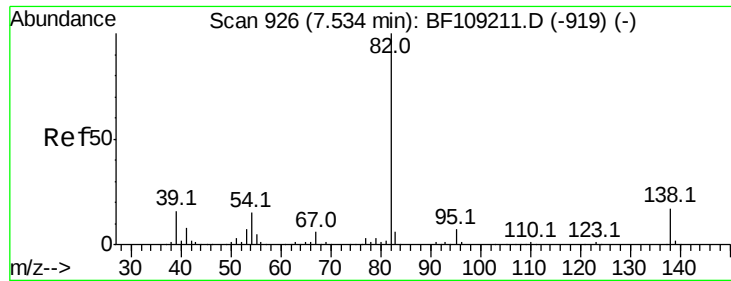
#24
Nitrobenzene
Concen: 41.907 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	37.9	56.9
65	13.2	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.518 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

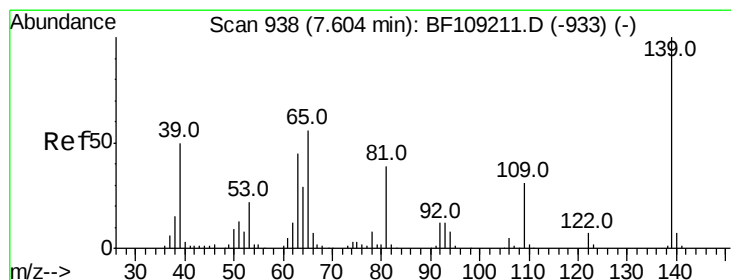
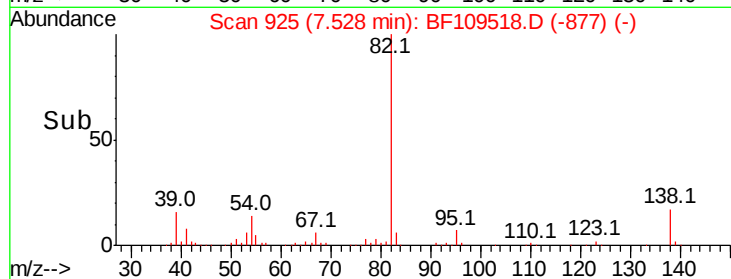
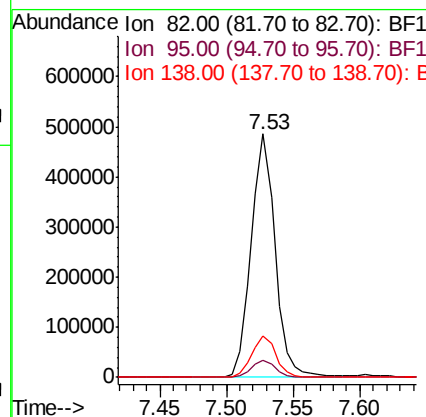
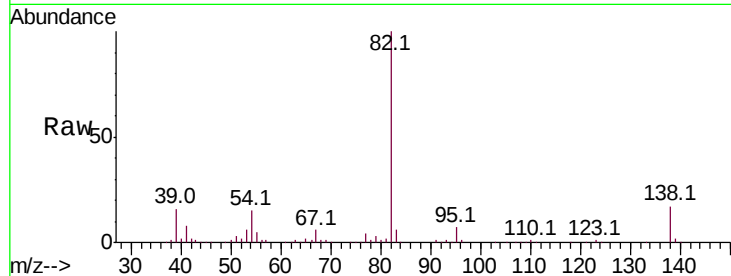
ClientSampleId :

PB113418BSD

Tot Ion:	82	Resp:	600936
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 51.550 ng

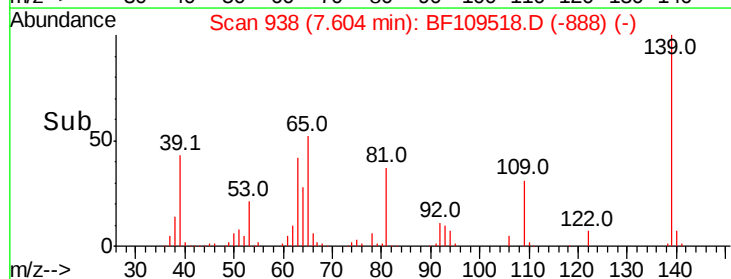
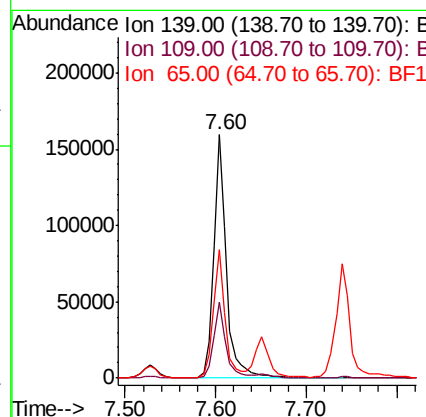
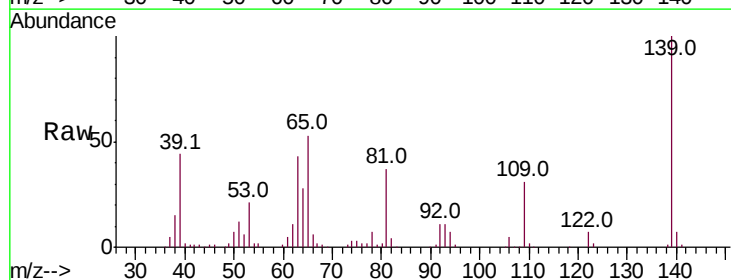
RT: 7.60 min Scan# 938

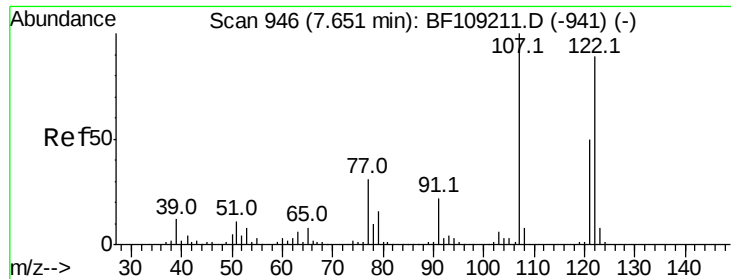
Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	139	Resp:	158918
Ion Ratio	Lower	Upper	
139	100		
109	31.0	22.7	34.1
65	52.9	40.5	60.7





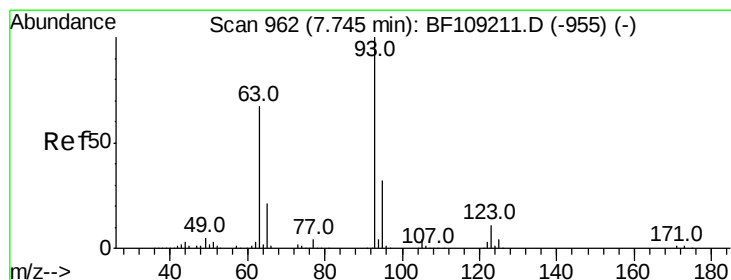
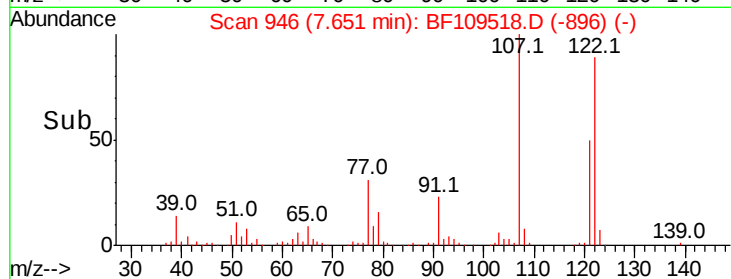
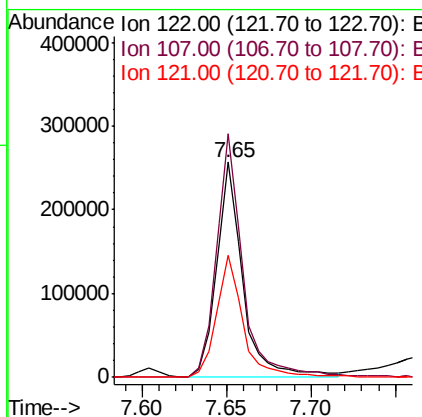
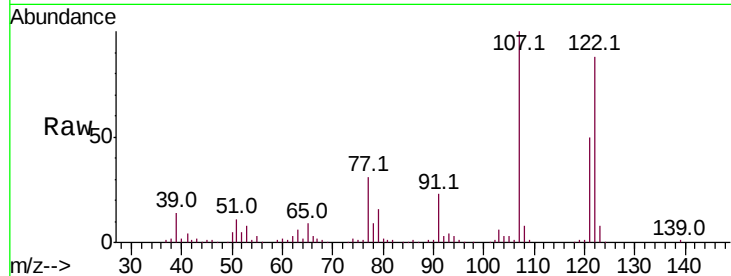
#27
2,4-Dimethylphenol
Concen: 48.386 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	278341		
107	113.2	91.2	136.8	
121	56.7	47.2	70.8	

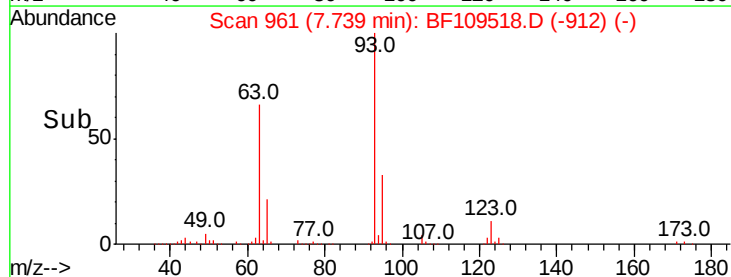
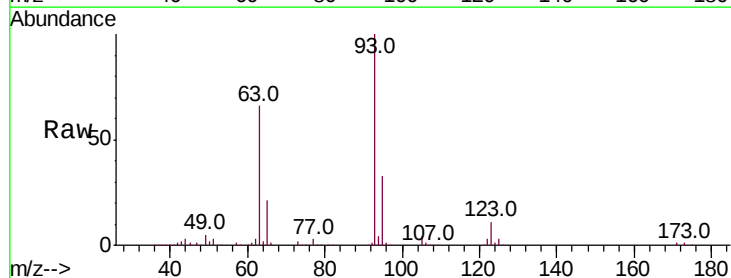
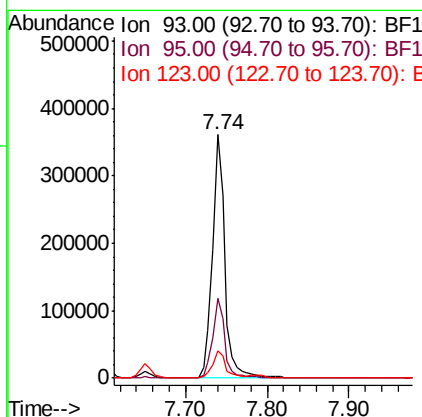
Manual Integrations
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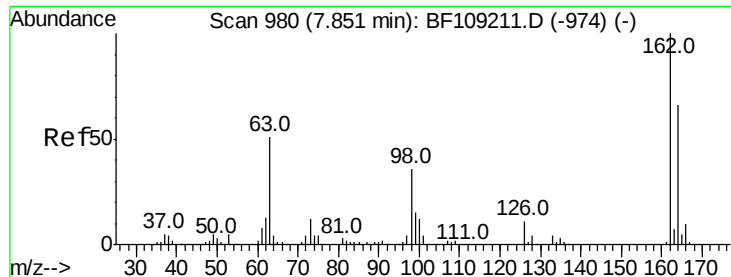
Sohil
10/3/2018 9:31:08 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.561 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	380692		
95	33.0	26.3	39.5	
123	11.3	9.8	14.6	





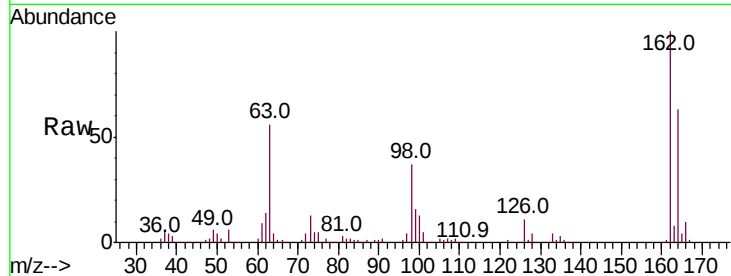
#29
2,4-Dichlorophenol
Concen: 43.863 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

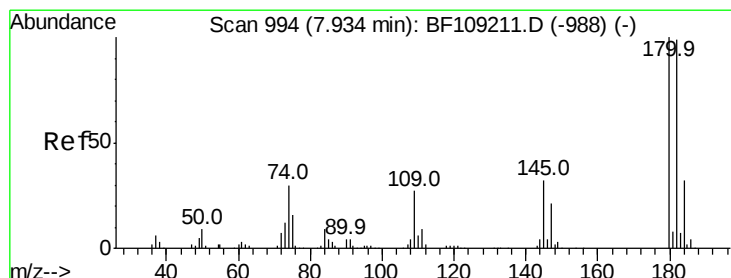
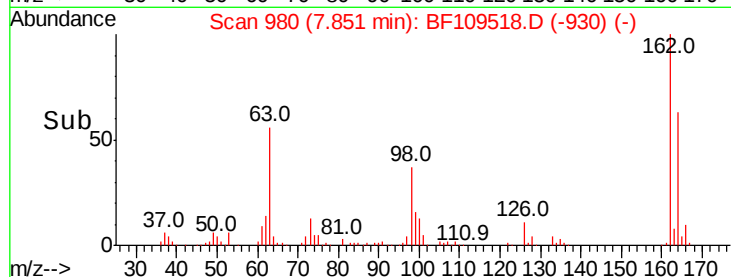
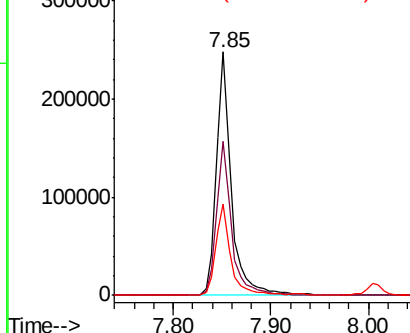
Tot Ion	Ratio	Resp	Lower	Upper
162	100	265106		
164	63.5	42.7	82.7	
98	37.2	18.1	58.1	

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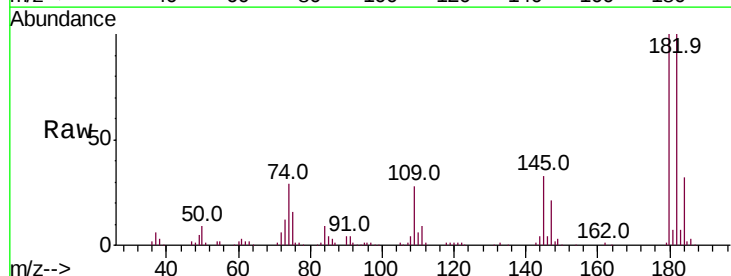


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

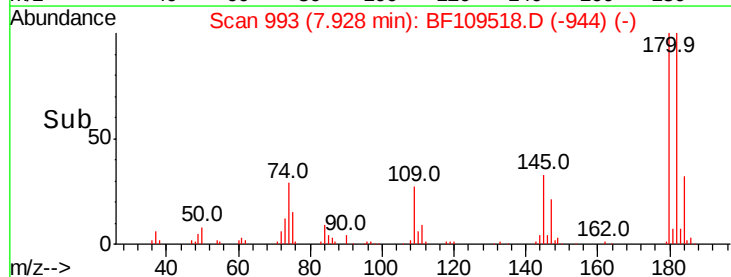
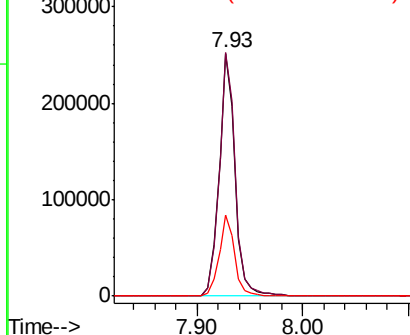


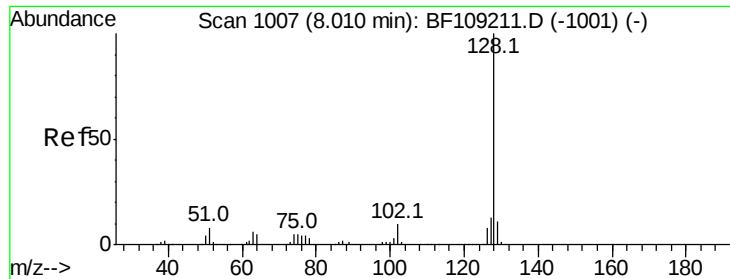
#30
1,2,4-Trichlorobenzene
Concen: 39.677 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267964		
182	100.3	76.8	115.2	
145	33.4	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





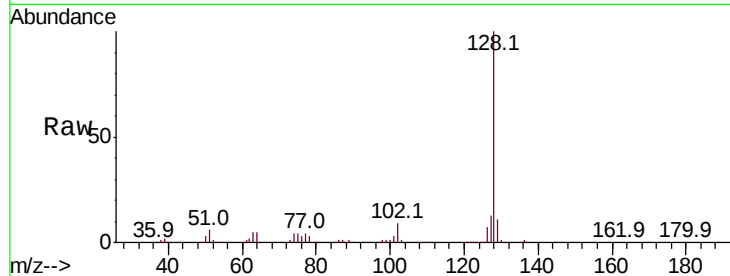
#31
Naphthalene
Concen: 44.198 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.8	13.2	
127	13.5	10.9	16.3	

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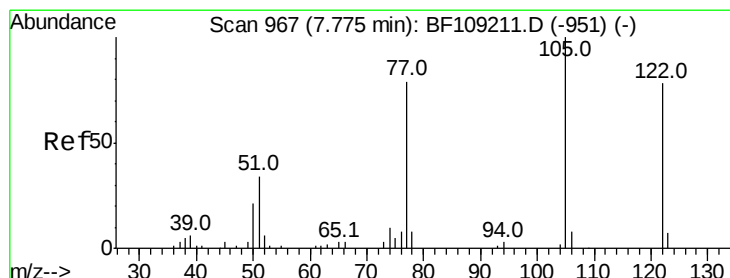
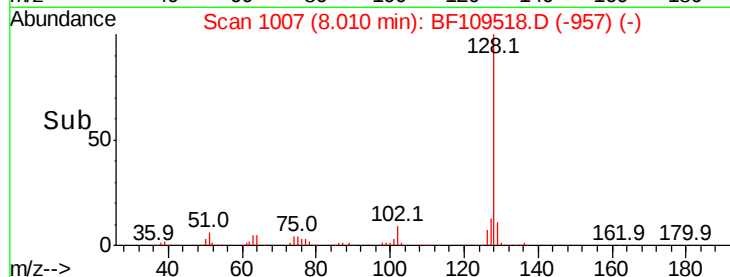
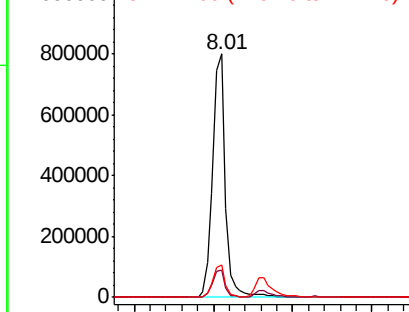


Abundance

Ion 128.00 (127.70 to 128.70): E

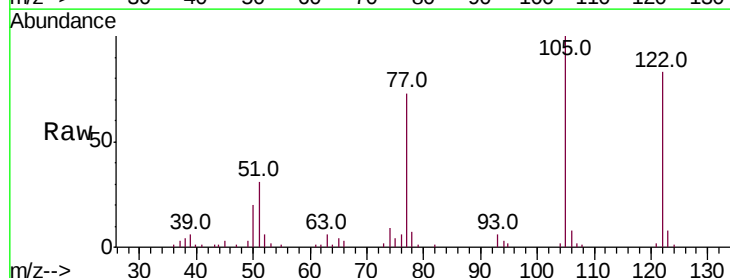
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.218 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.2	101.1	141.1	
77	89.1	70.7	110.7	

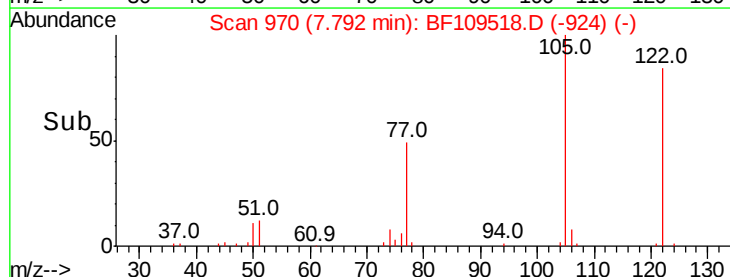
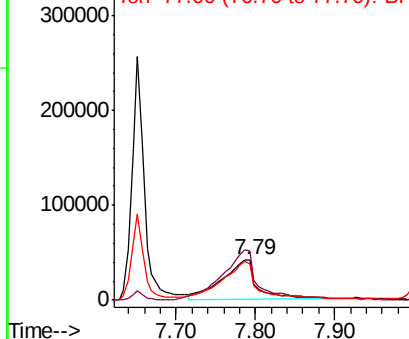


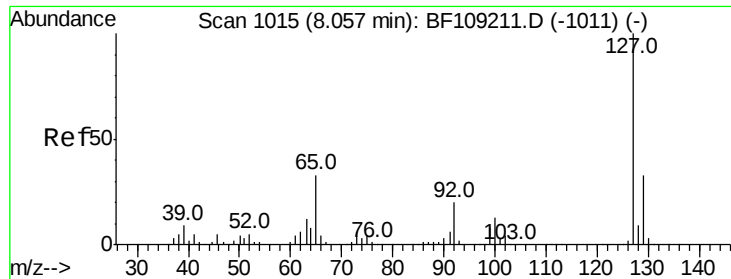
Abundance

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





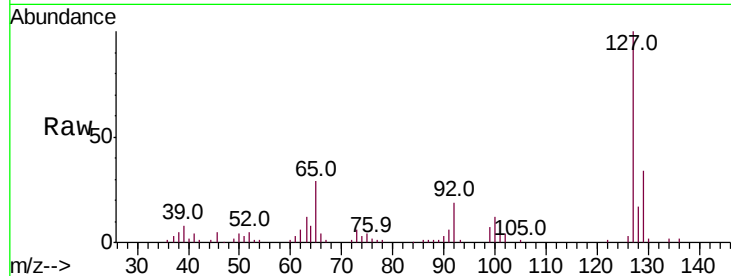
#33
4-Chloroaniline
Concen: 11.595 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	28.6	25.0	37.4
92	18.8	15.2	22.8

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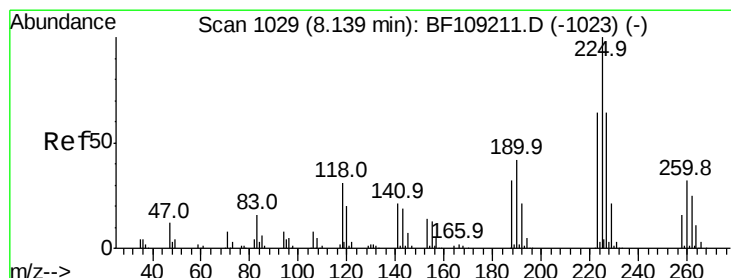
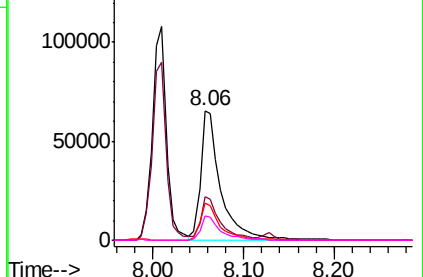
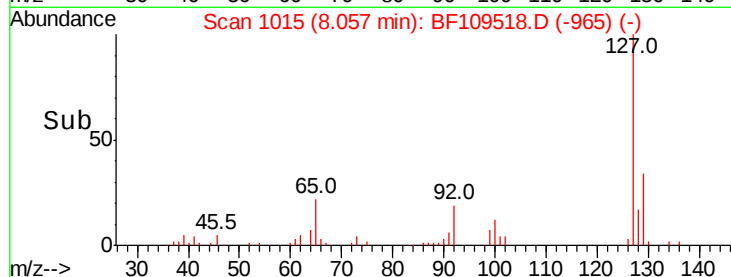
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

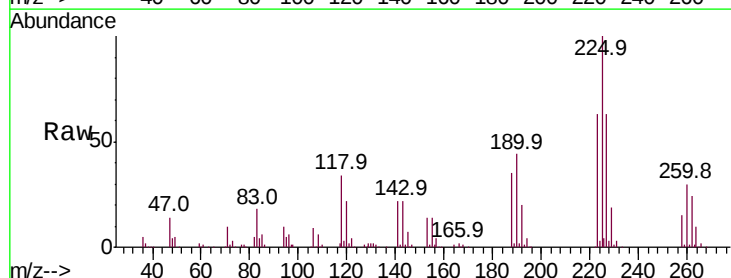
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.873 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.2	51.9	77.9

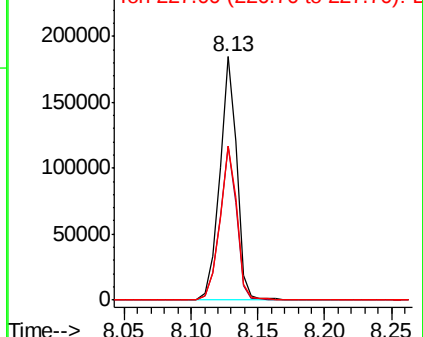
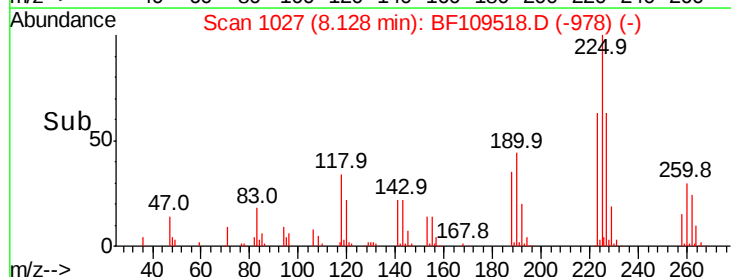


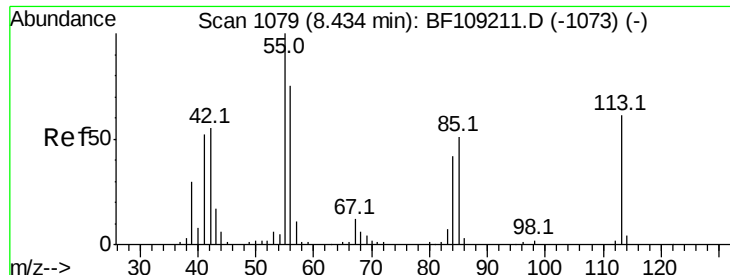
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





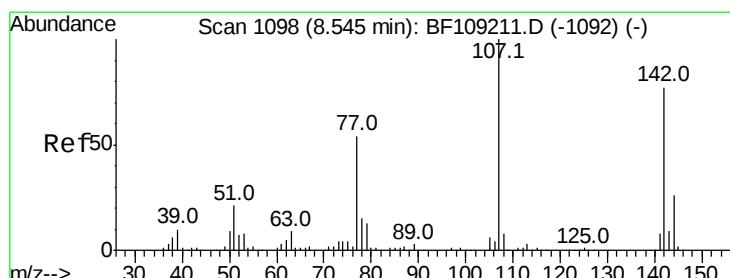
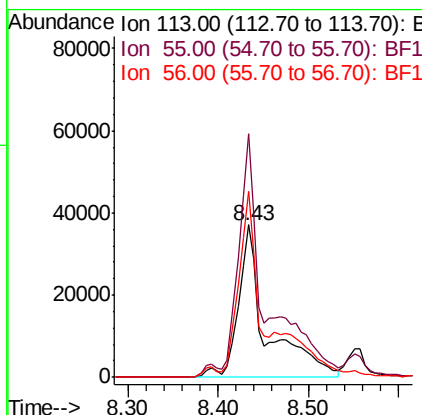
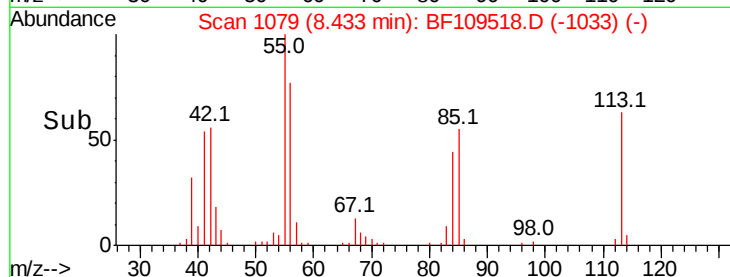
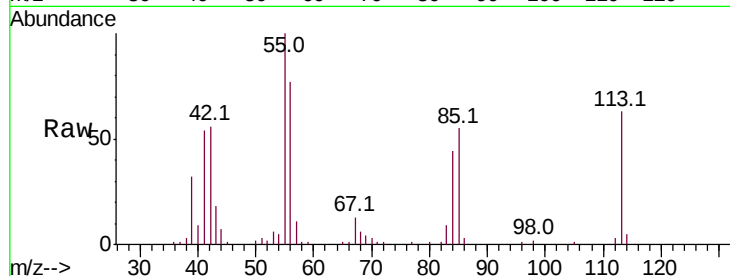
#35
 Caprolactam
 Concen: 42.069 ng/ml
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.7	163.3	203.3#
56	122.2	115.7	155.7

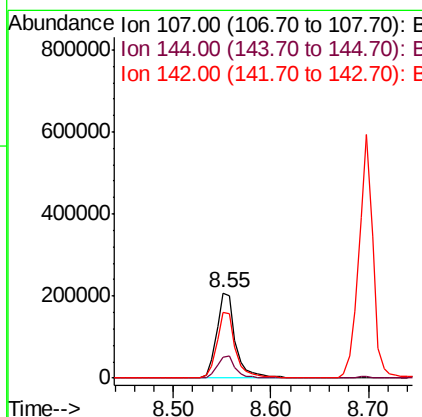
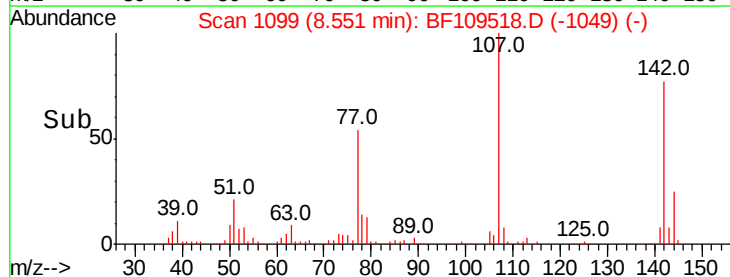
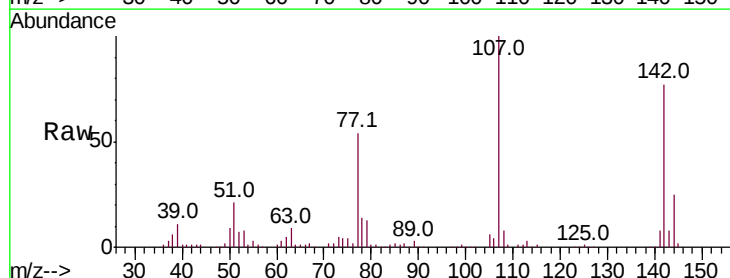
Manual Integrations
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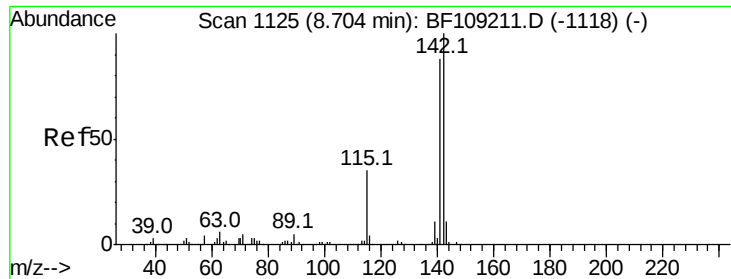
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#36
 4-Chloro-3-methylphenol
 Concen: 44.117 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	77.1	62.0	93.0





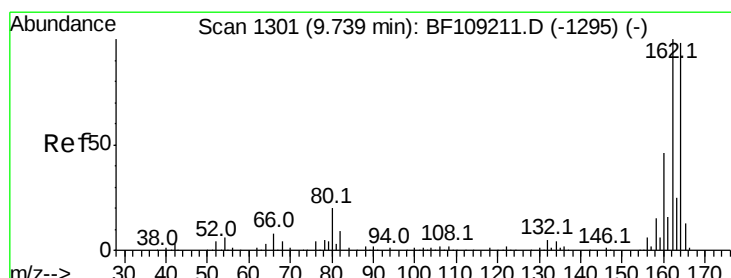
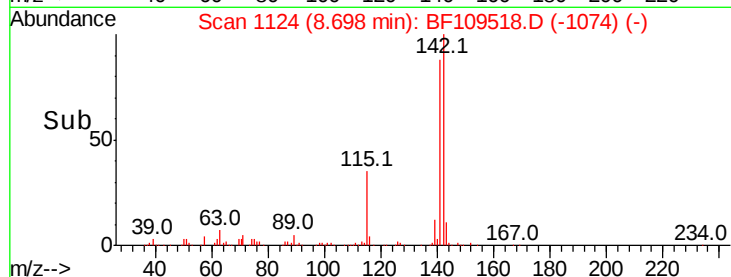
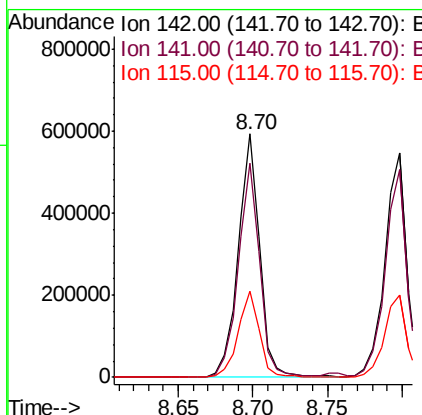
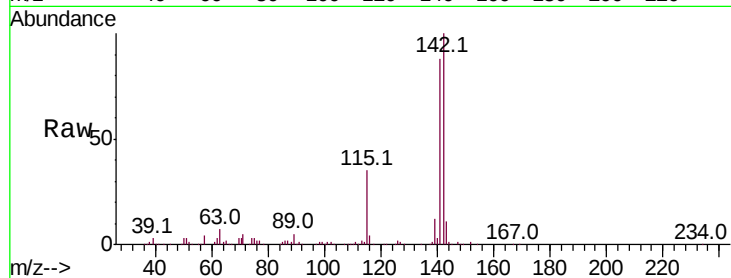
#37
2-Methylnaphthalene
Concen: 45.687 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	595642		
141	88.0		70.8	106.2
115	35.4		26.1	39.1

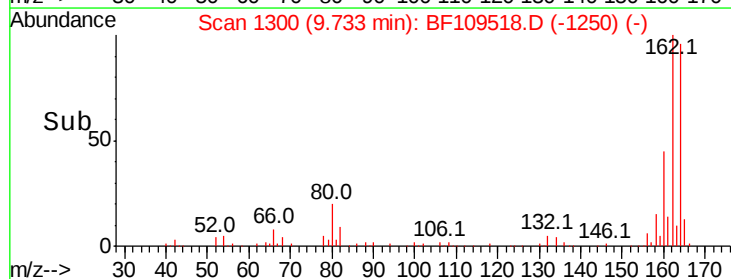
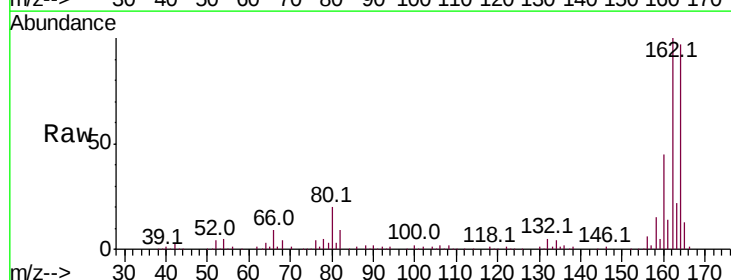
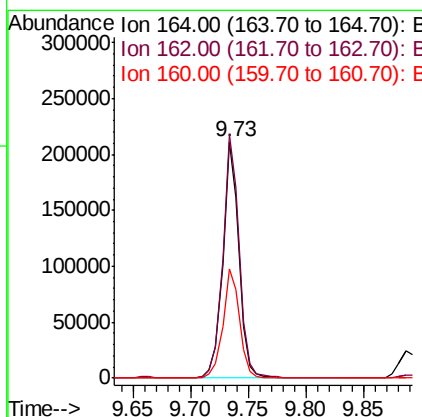
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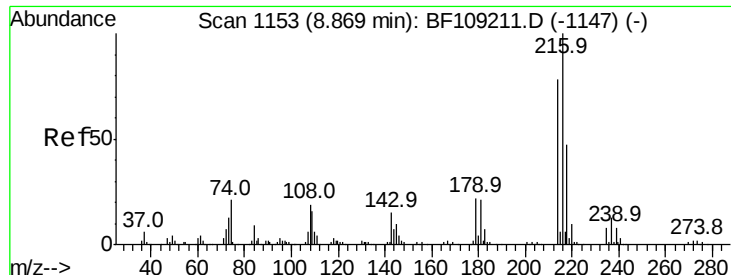
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204083		
162	103.2		86.1	129.1
160	46.2		38.3	57.5





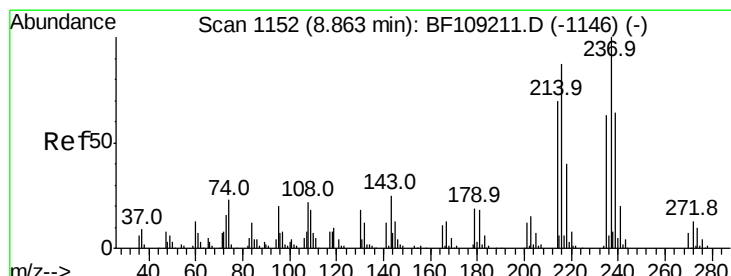
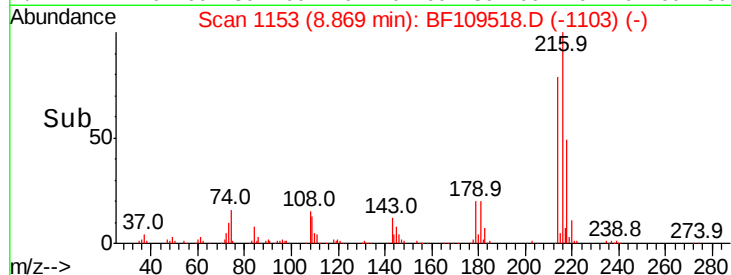
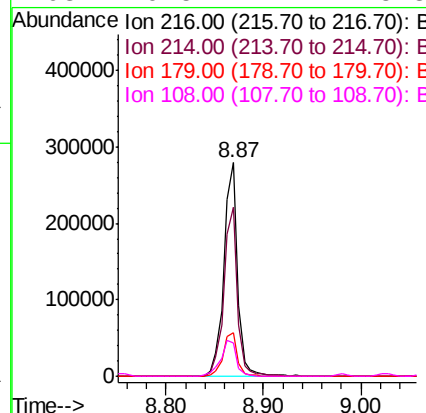
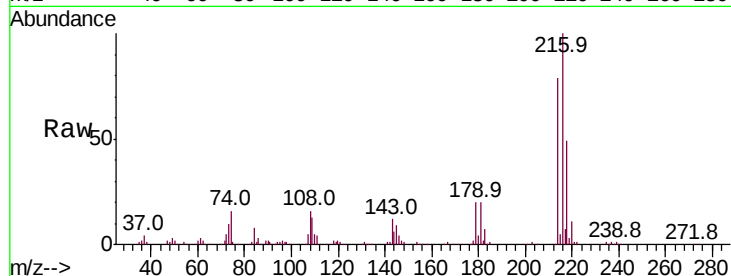
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.055 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	273147		
214	78.8	63.0	94.4	
179	21.0	18.1	27.1	
108	19.5	17.2	25.8	

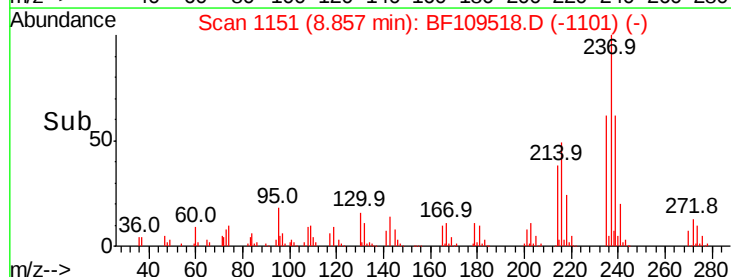
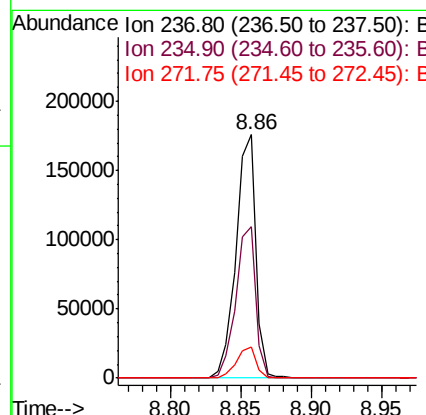
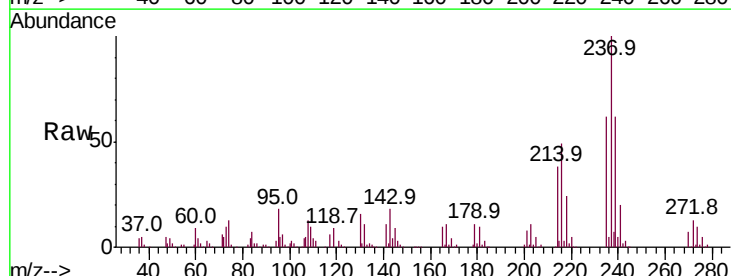
Manual Integrations
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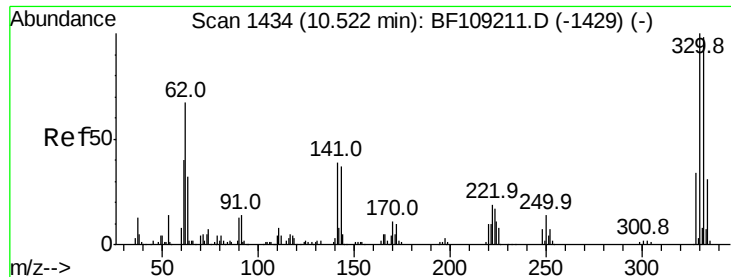
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#40
 Hexachlorocyclopentadiene
 Concen: 60.685 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	171917		
235	62.2	44.8	84.8	
272	12.8	0.0	33.3	





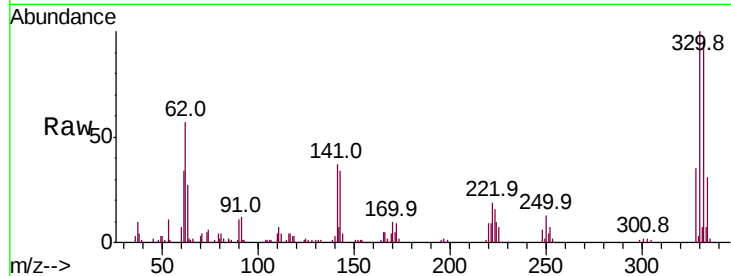
#41
 2,4,6-Tribromophenol
 Concen: 92.563 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	186221		
332	95.5	77.0	115.6	
141	33.7	29.9	44.9	

Manual Integrations
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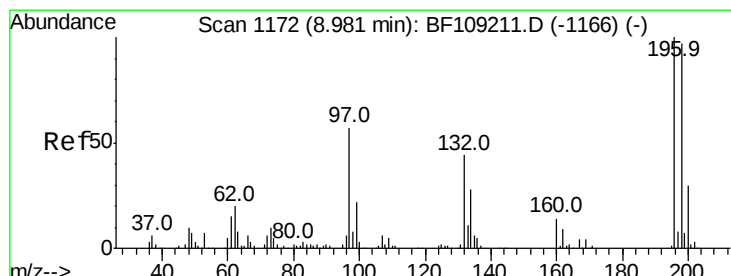
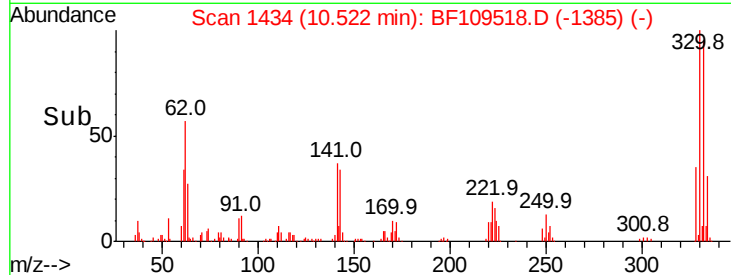
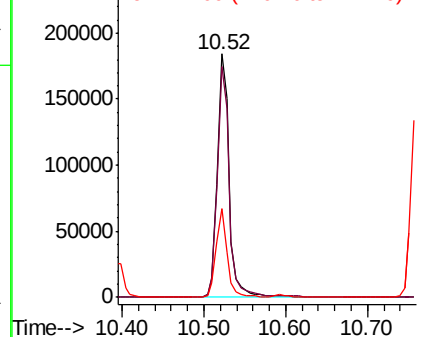


Abundance

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: 43.348 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

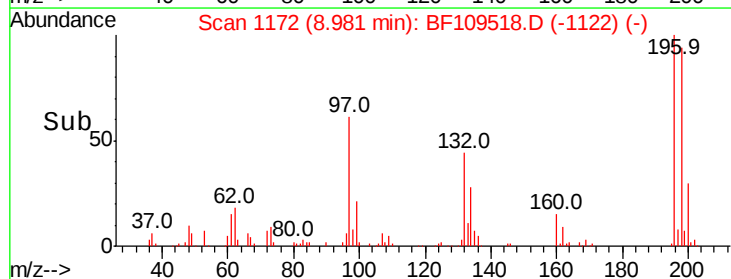
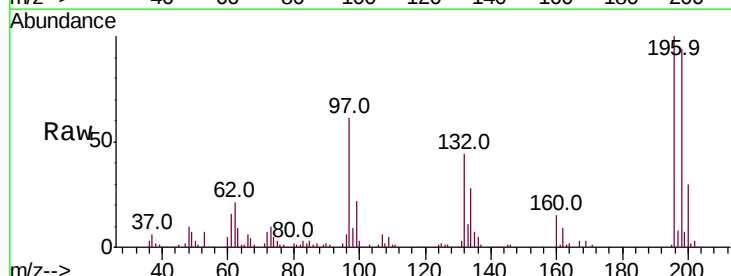
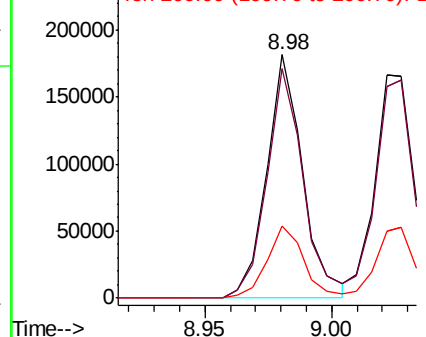
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180698		
198	94.2	75.7	113.5	
200	29.8	24.5	36.7	

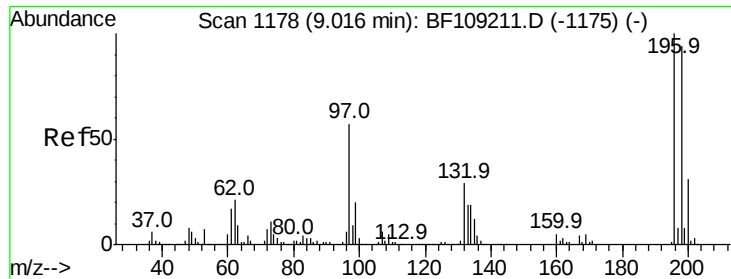
Abundance

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





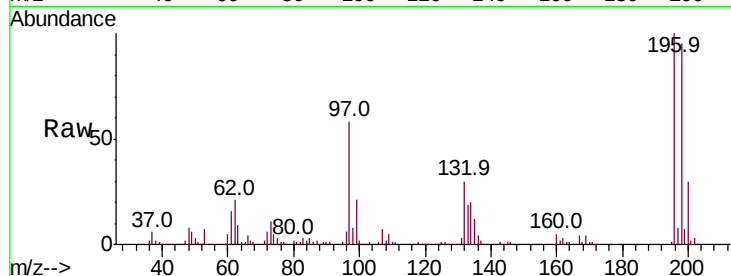
#43
 2,4,5-Trichlorophenol
 Concen: 44.923 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BSD

Tot Ion:	196	Resp:	197776
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.6	112.0
97	57.6	42.9	64.3
132	29.8	26.3	39.5

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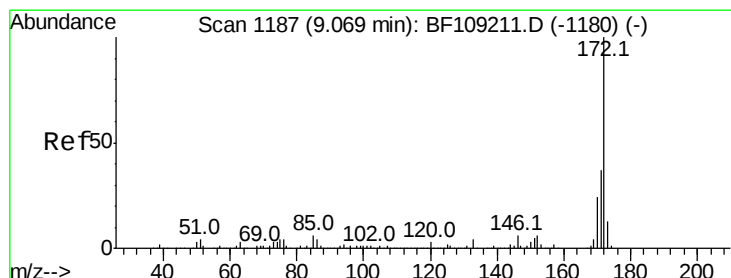
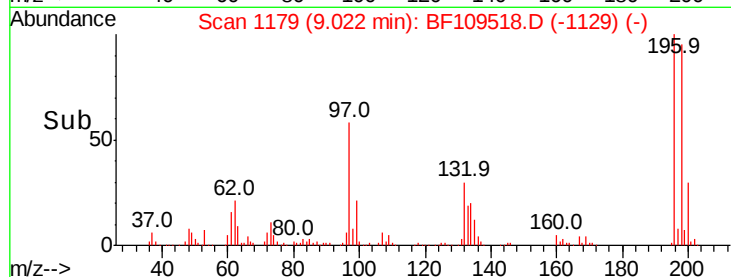
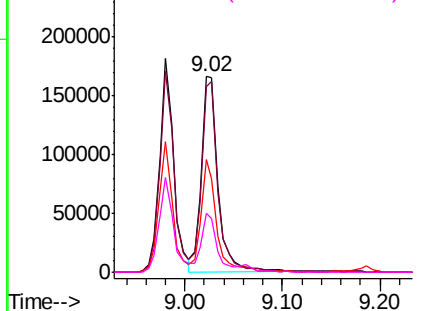
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.847 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

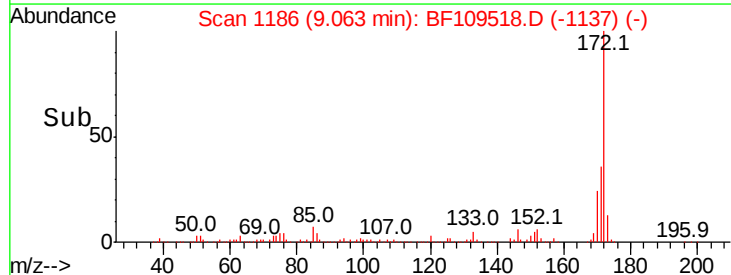
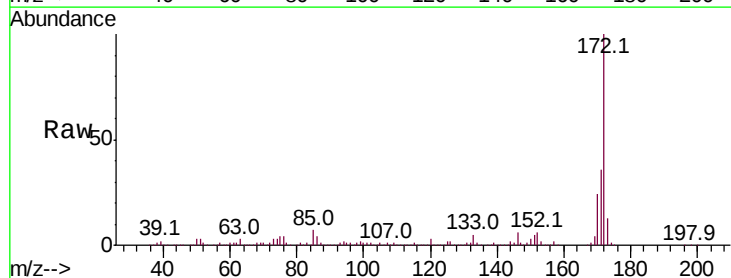
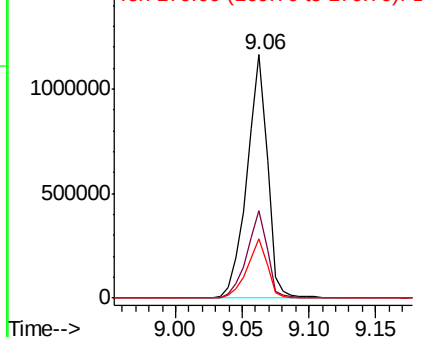
Tgt Ion:	172	Resp:	1229311
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

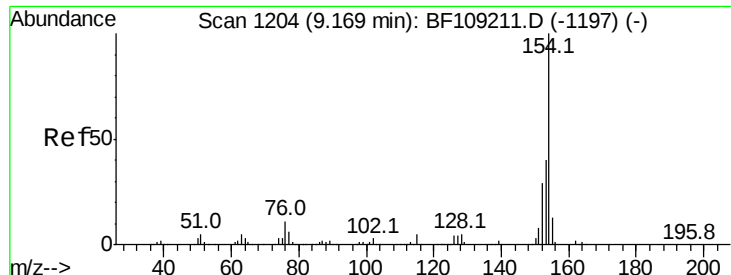
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





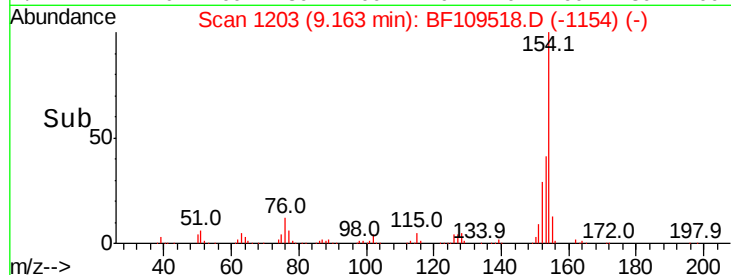
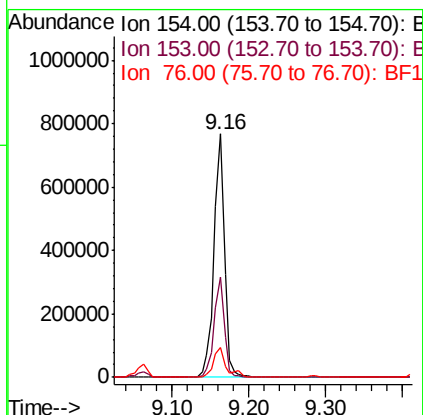
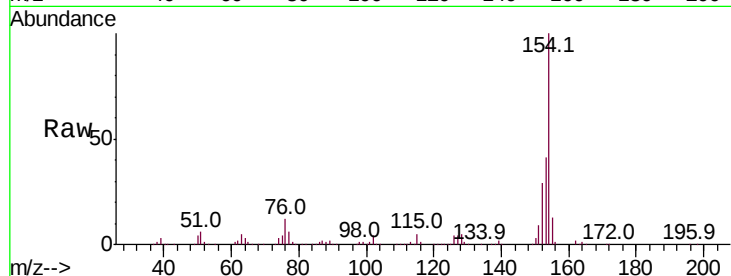
#45
 1,1'-Biphenyl
 Concen: 42.824 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleID :
 PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	21.3	61.3	
76	12.2	0.0	34.0	

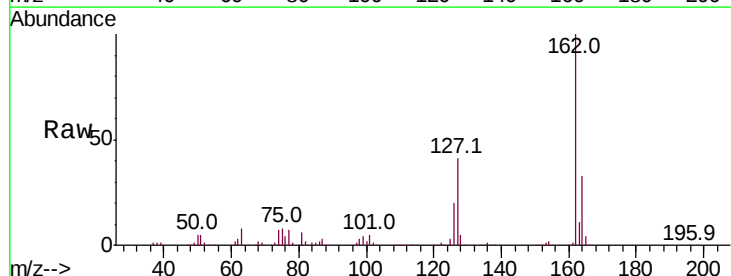
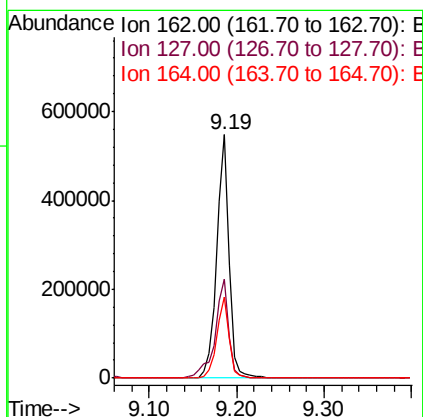
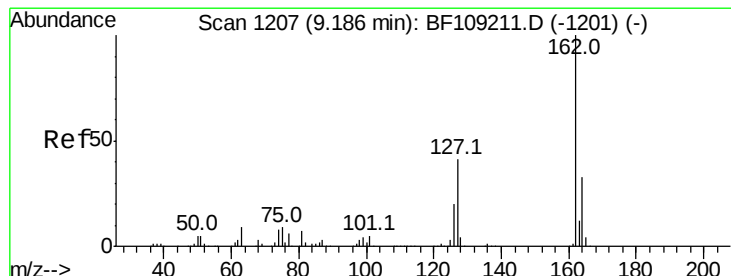
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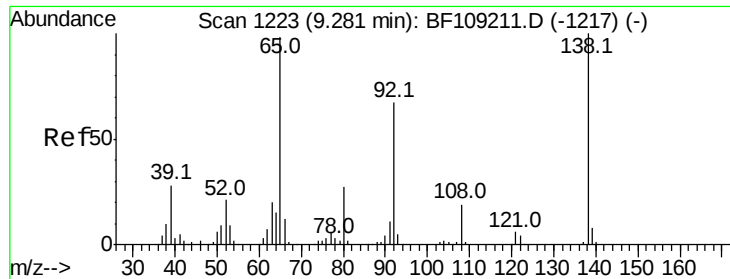
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#46
 2-Chloronaphthalene
 Concen: 40.647 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	33.9	50.9	
164	33.4	26.5	39.7	





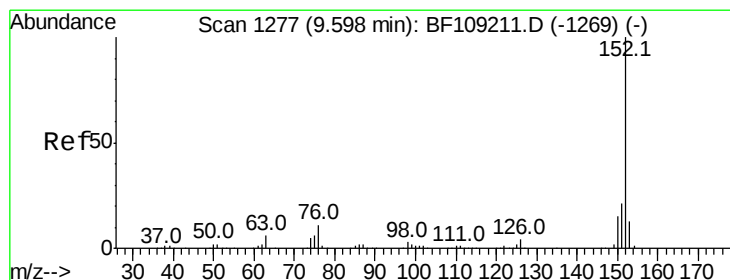
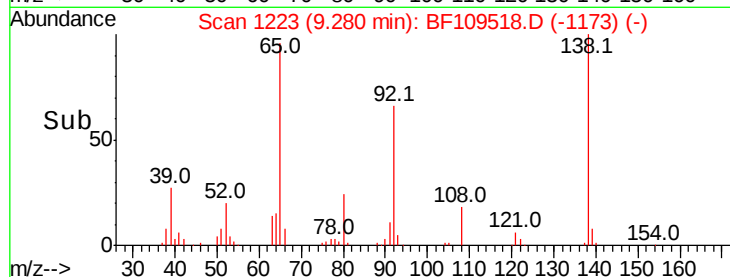
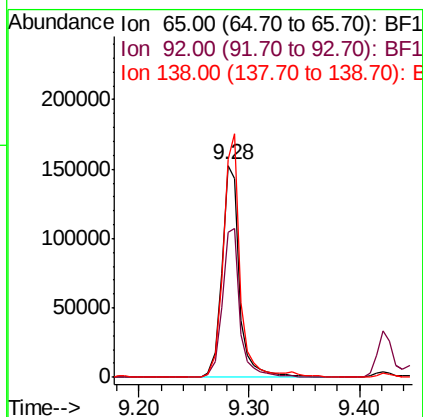
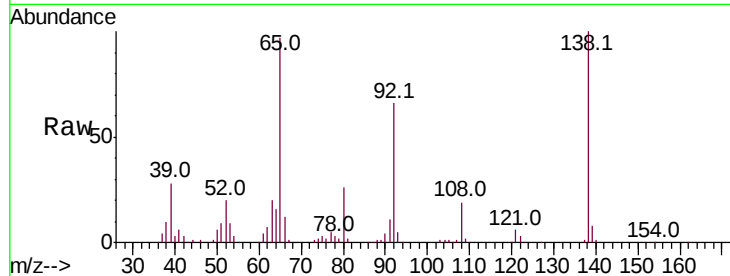
#47
2-Nitroaniline
Concen: 44.959 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	55.8	83.6
138	102.8	91.2	136.8

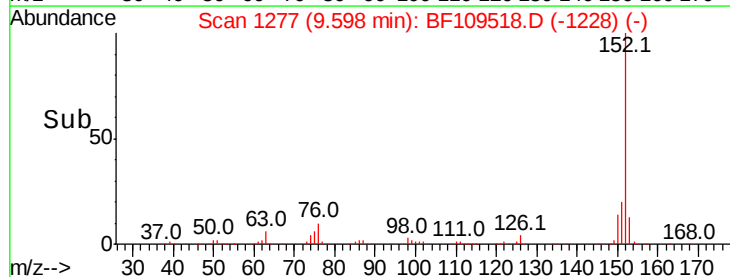
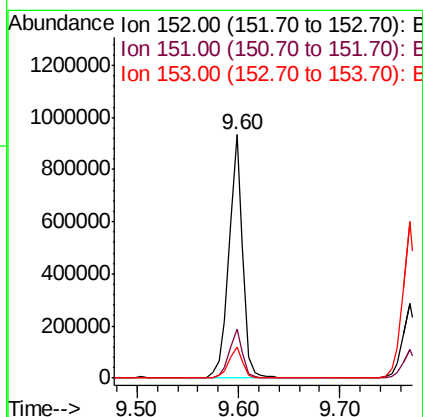
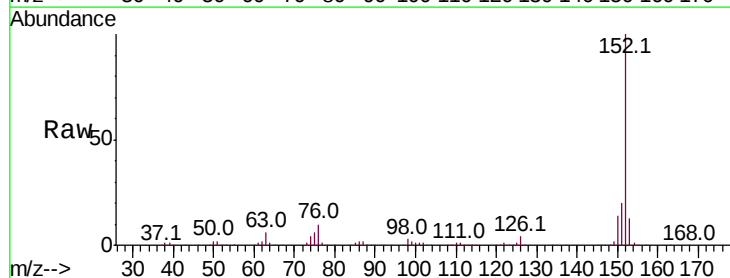
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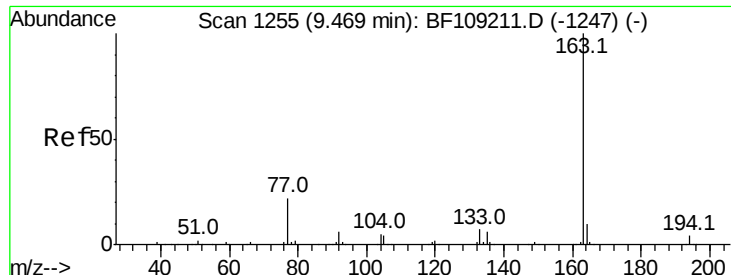
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#48
Acenaphthylene
Concen: 43.752 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.0	10.7	16.1





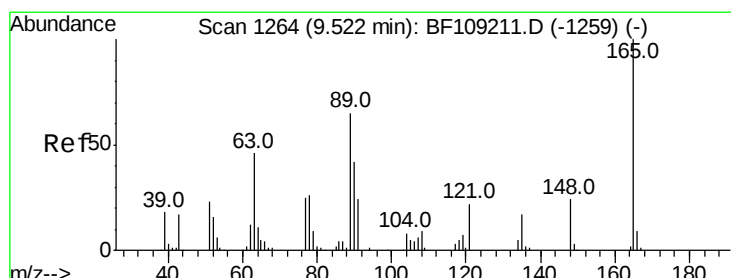
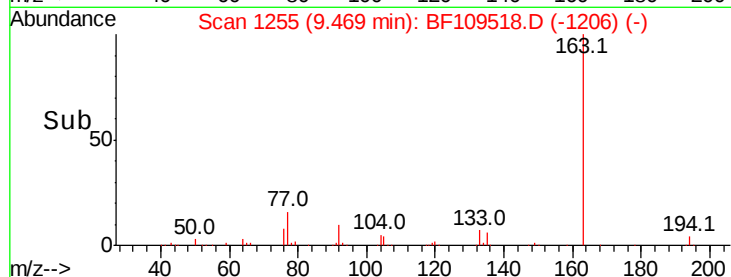
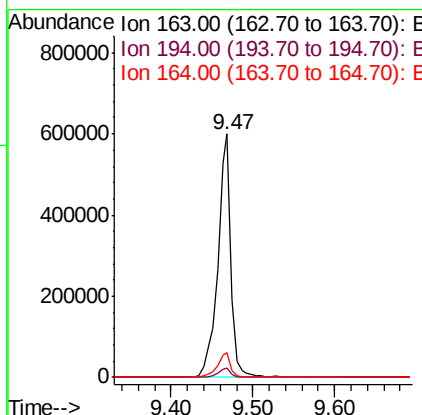
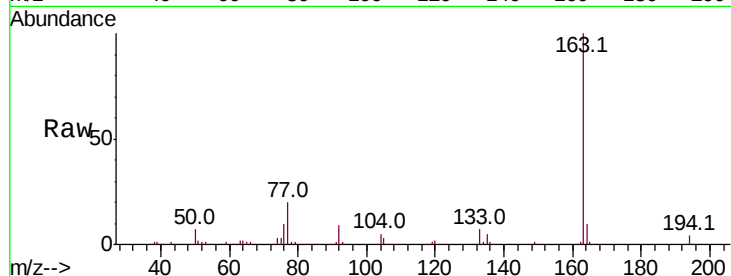
#49
Dimethylphthalate
Concen: 45.200 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	670939		
194	4.0		2.7	4.1
164	9.9		8.2	12.2

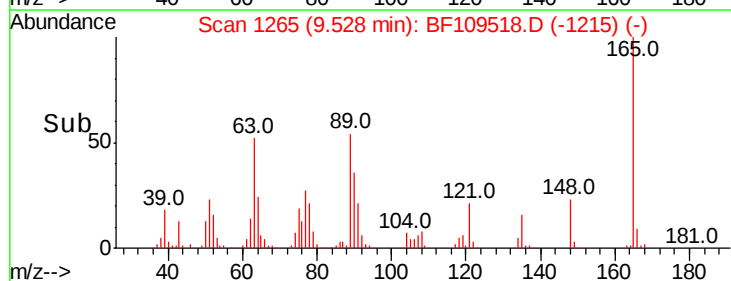
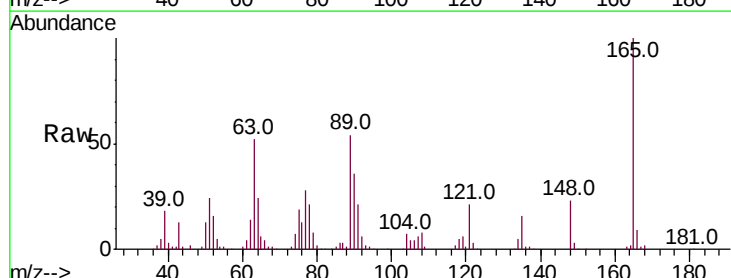
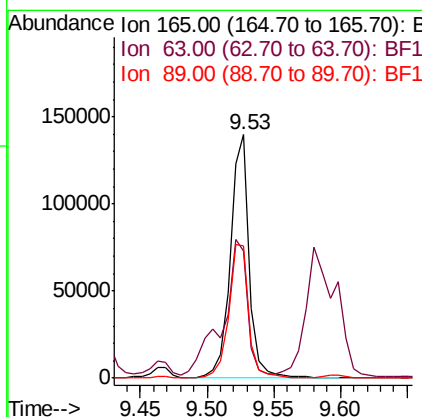
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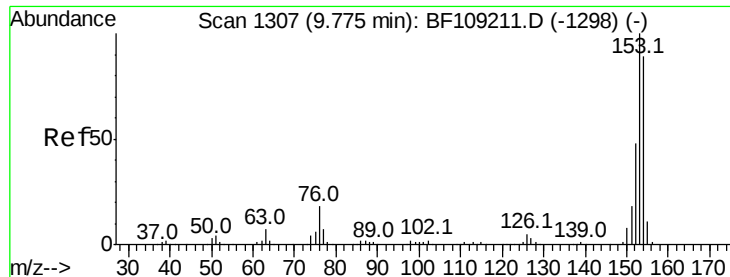
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#50
2,6-Dinitrotoluene
Concen: 47.367 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139250		
63	52.2		44.7	67.1
89	54.2		44.0	66.0





#51

Acenaphthene

Concen: 40.839 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

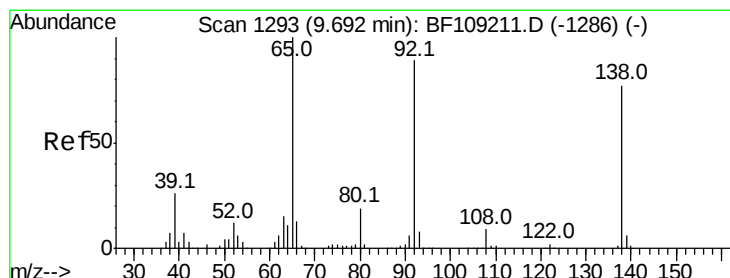
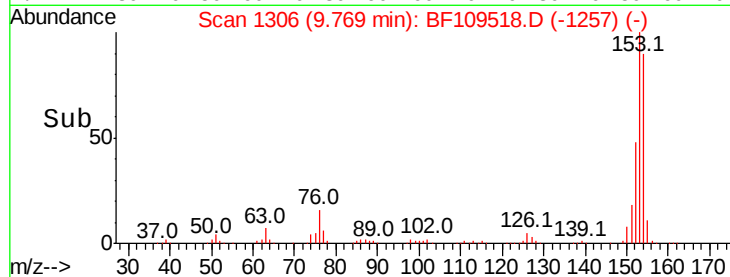
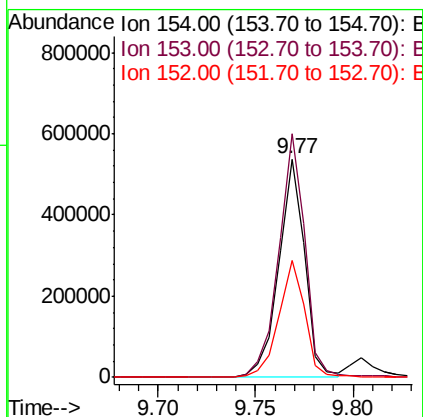
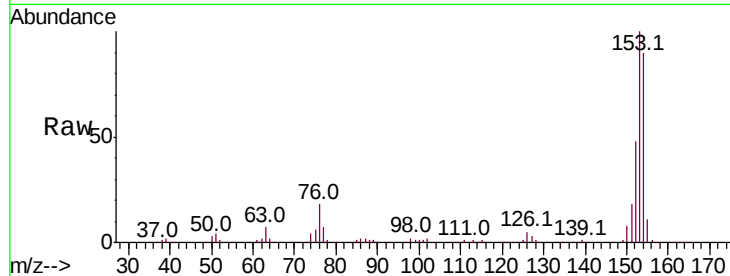
ClientSampleId :

PB113418BSD

Tot Ion:	154	Resp:	494802
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.2	136.8
152	53.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 20.878 ng

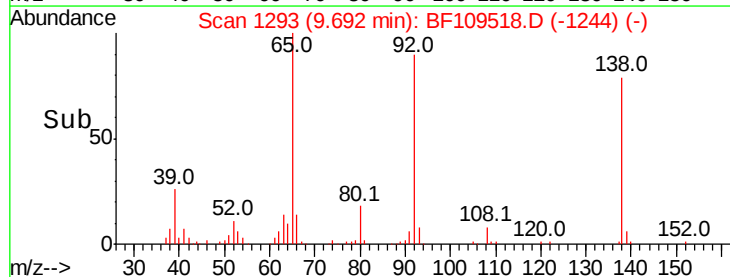
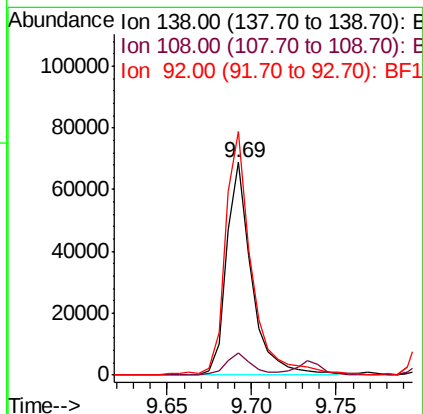
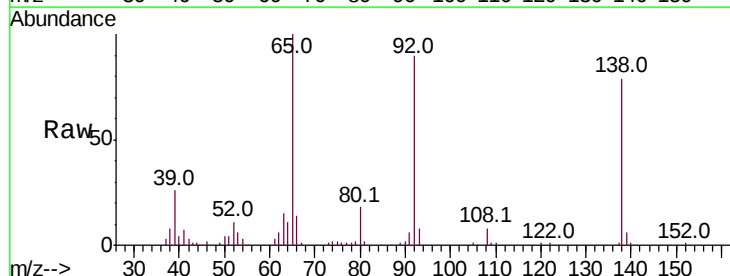
RT: 9.69 min Scan# 1293

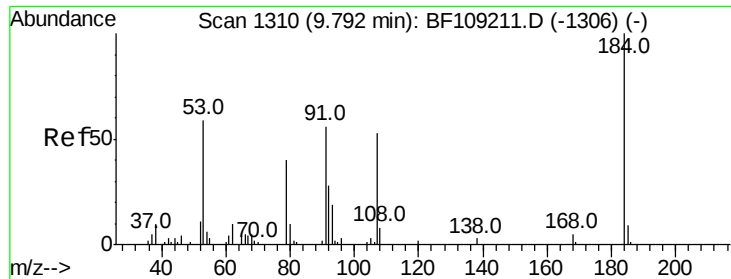
Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	138	Resp:	71080
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	114.5	89.4	134.2





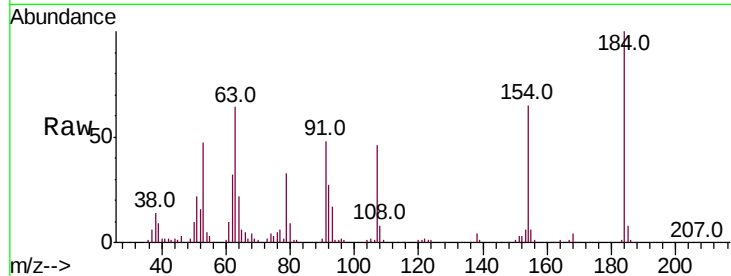
#53
2,4-Dinitrophenol
Concen: 69.571 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

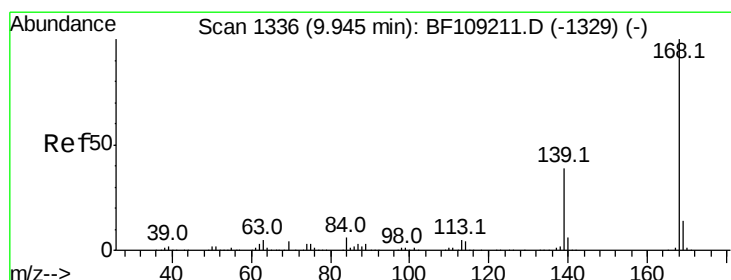
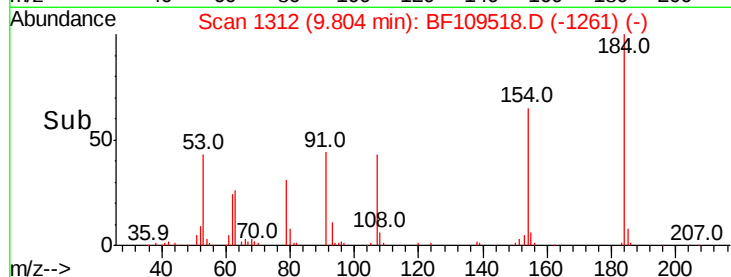
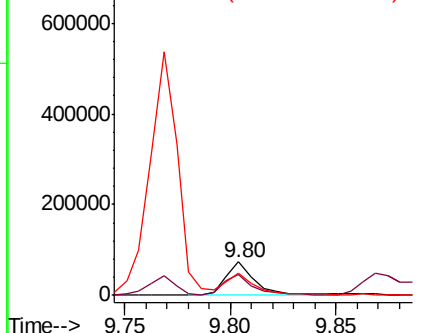
Tot Ion	Ratio	Lower	Upper
184	100		
63	64.2	54.2	81.2
154	65.1	184.0	276.0#

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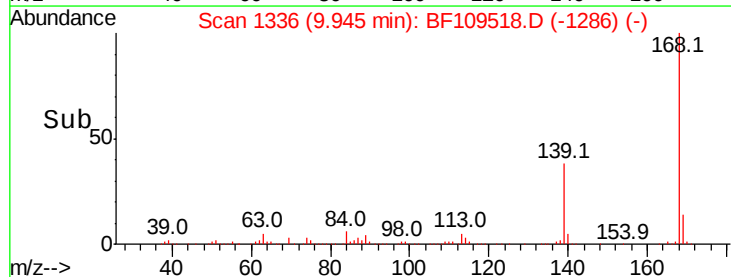
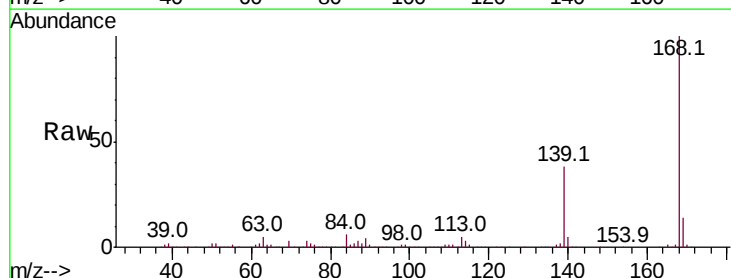
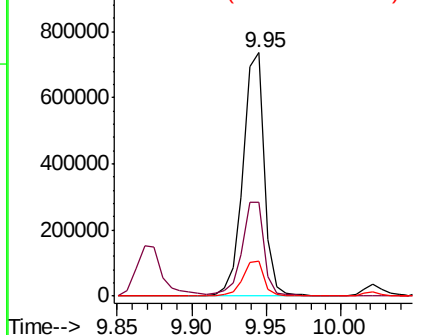
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

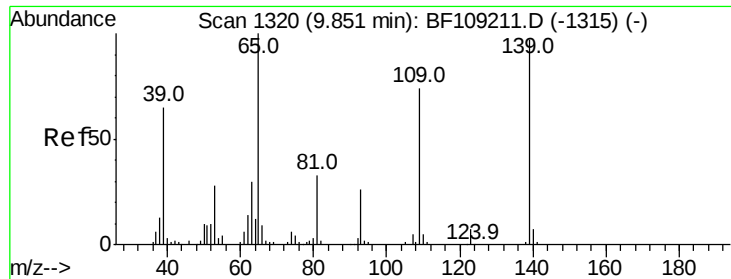


#54
Dibenzofuran
Concen: 40.718 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.1	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





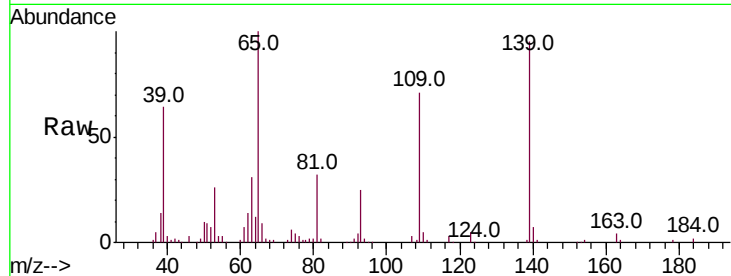
#55
4-Nitrophenol
Concen: 71.928 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.2	48.4	88.4
65	105.4	72.6	112.6

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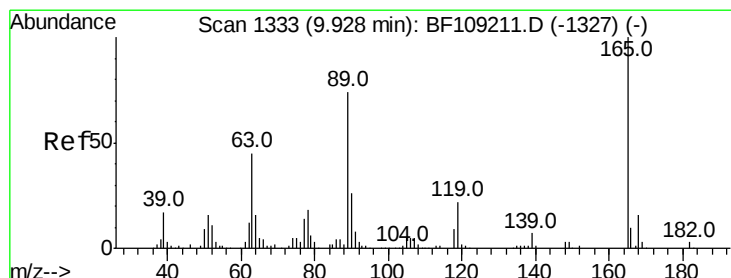
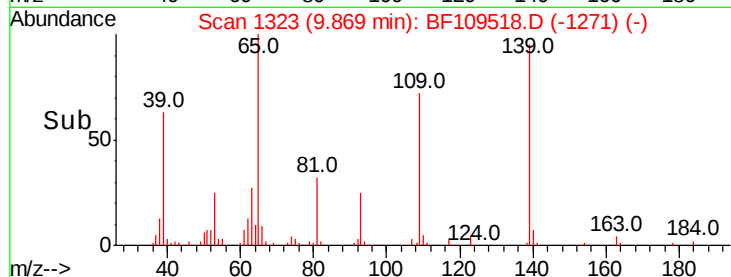
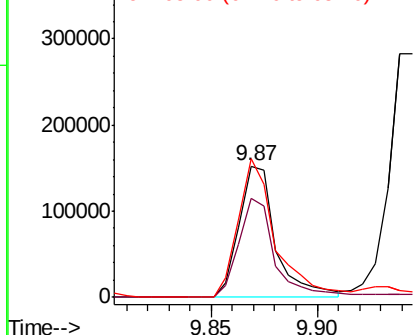


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 46.446 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.3	36.4	54.6
89	83.5	57.8	86.6
182	2.6	1.6	2.4#

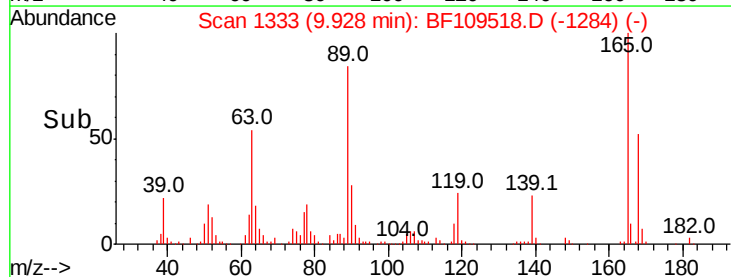
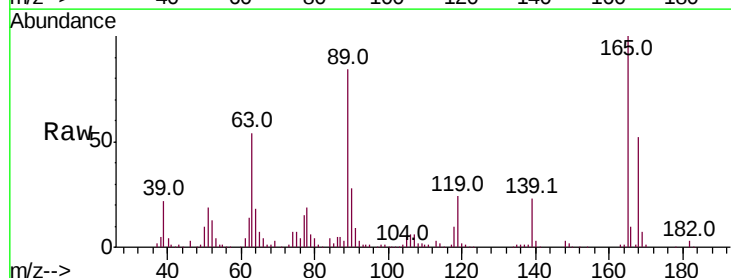
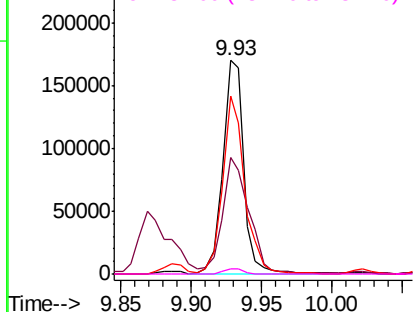
Abundance

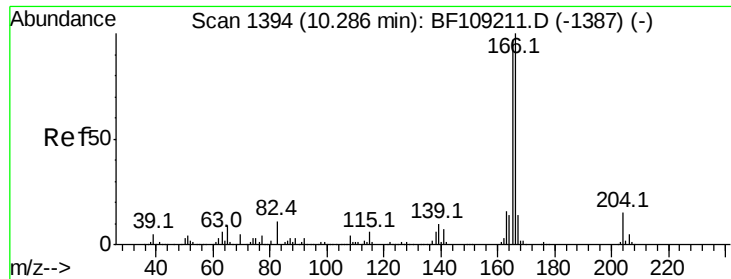
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.842 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

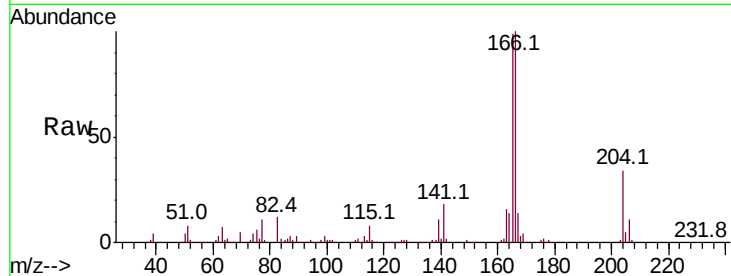
ClientSampleId :

PB113418BSD

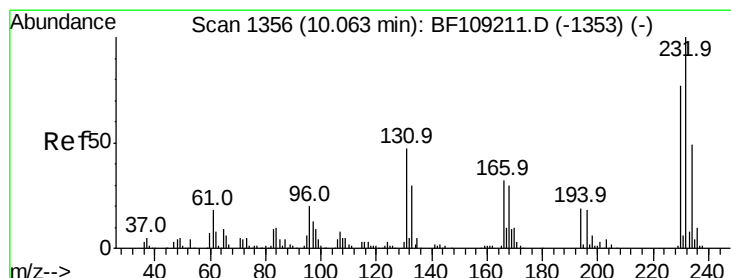
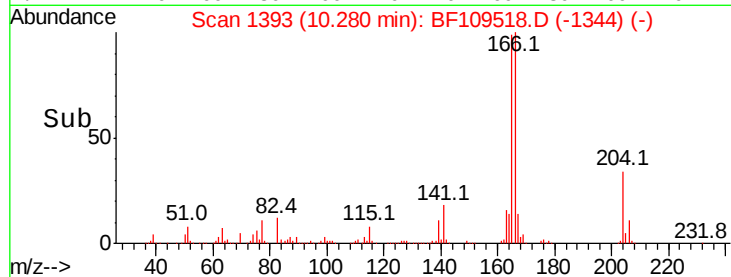
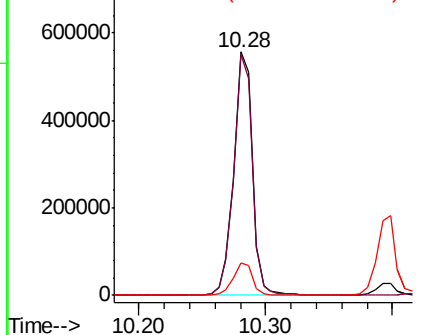
Tot Ion:	166	Resp:	563642
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.5	10.6	16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.579 ng

RT: 10.06 min Scan# 1356

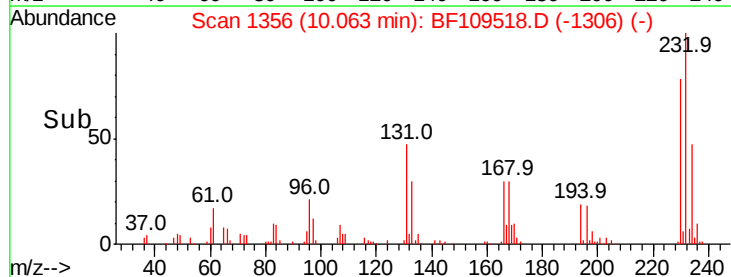
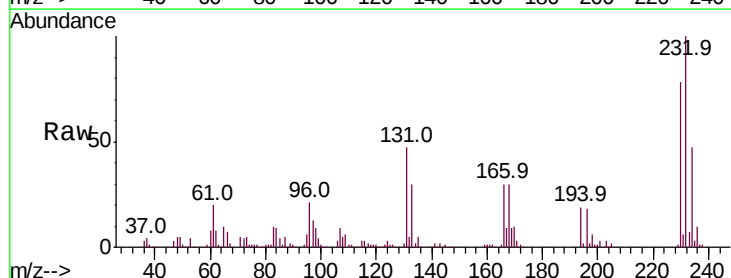
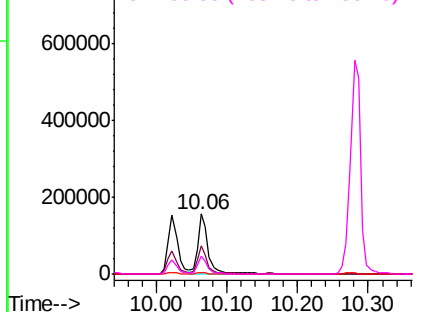
Delta R.T. -0.01 min

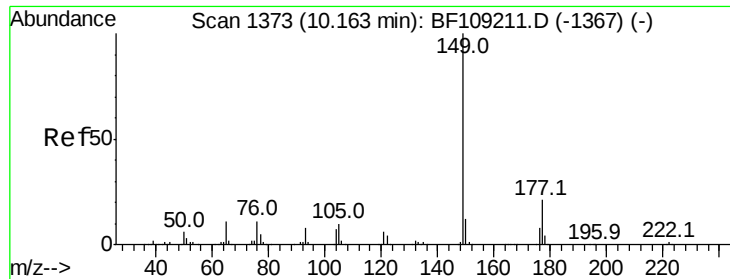
Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	232	Resp:	165855
Ion Ratio	Lower	Upper	
232	100		
131	42.6	43.8	65.8#
130	2.1	2.1	3.1
166	27.8	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





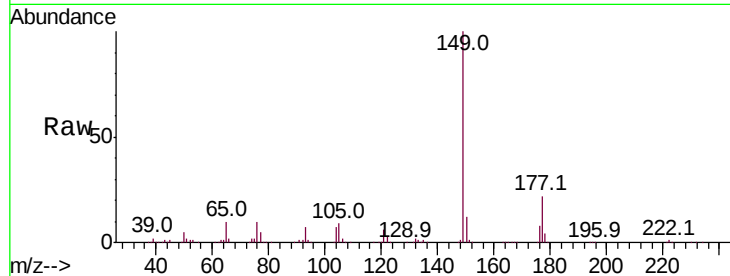
#59
Diethylphthalate
Concen: 43.677 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

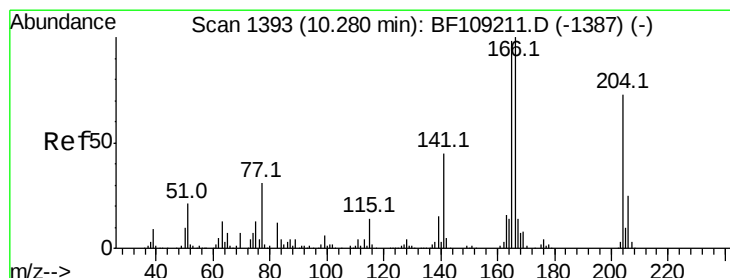
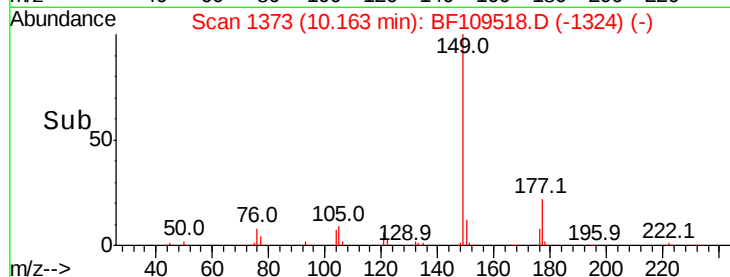
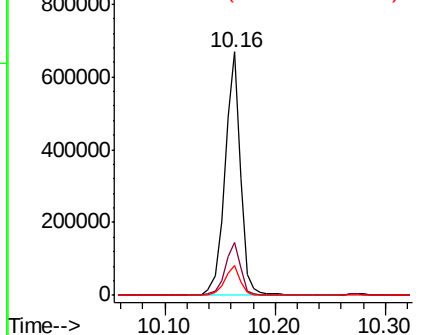
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.5	10.1	15.1

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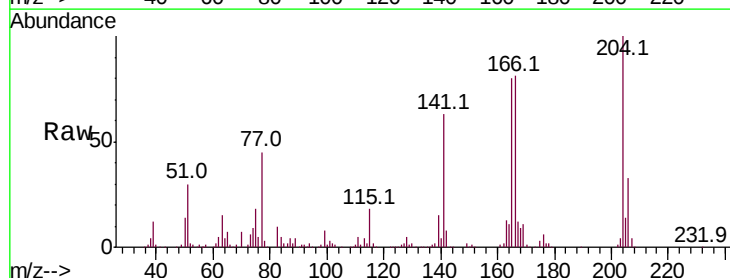


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

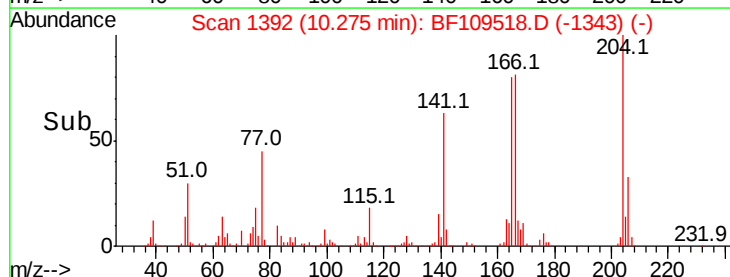
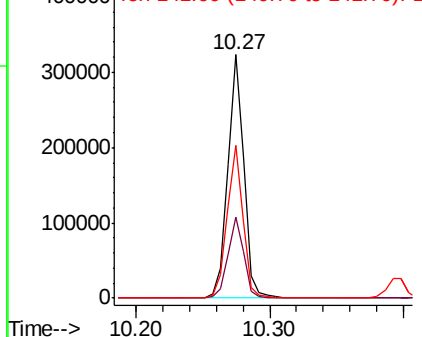


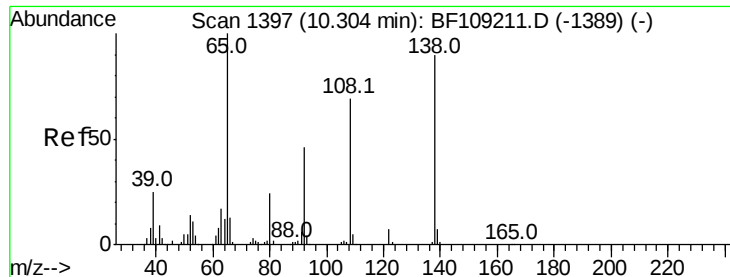
#60
4-Chlorophenyl-phenylether
Concen: 41.076 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.6	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





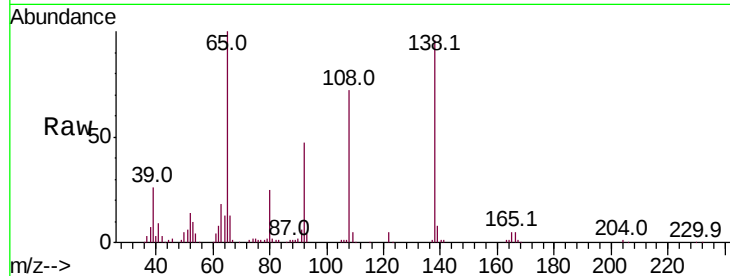
#61
4-Nitroaniline
Concen: 40.258 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.2	70.2
108	74.9	52.5	92.5

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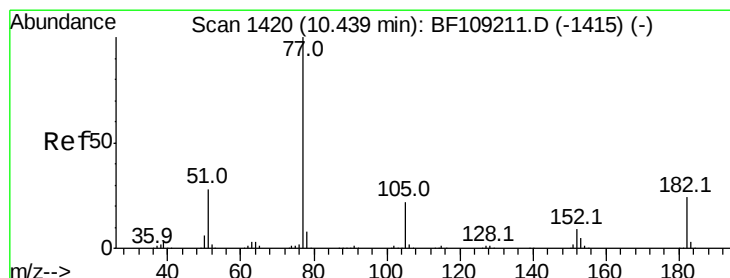
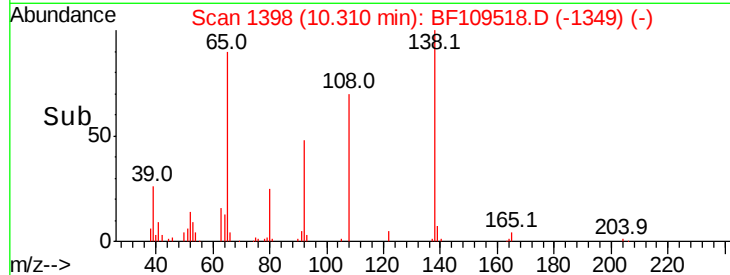
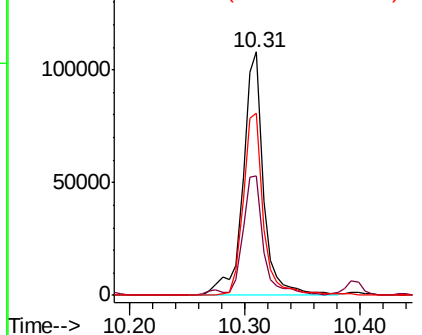


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 40.509 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.7	41.7
105	21.2	3.0	43.0
51	28.7	9.9	49.9

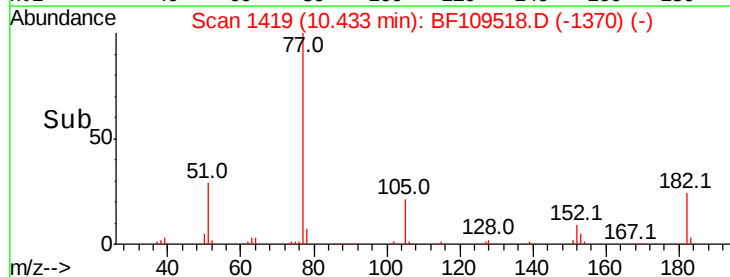
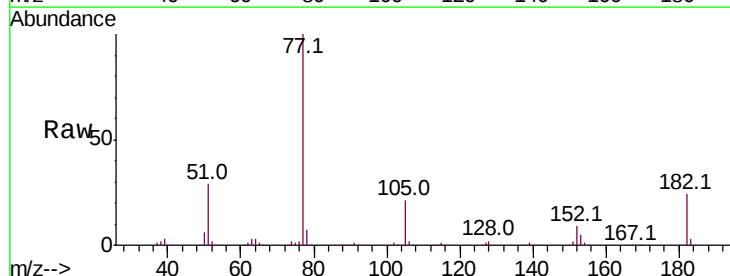
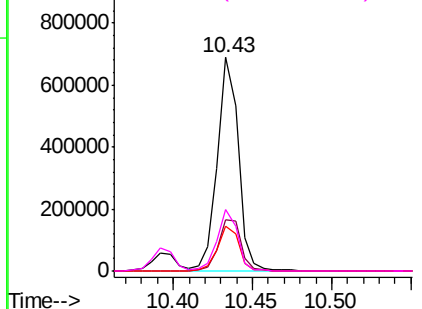
Abundance

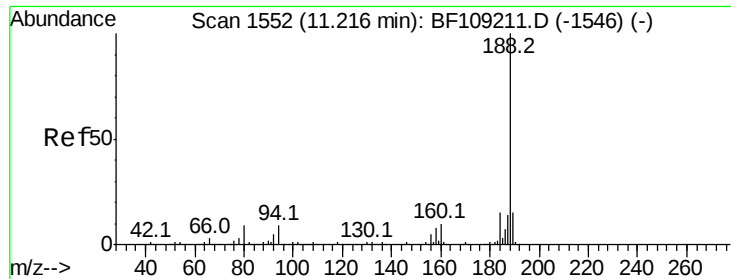
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

ClientSampleId :

PB113418BSD

Tot Ion:188 Resp: 367018

Ion Ratio Lower Upper

188 100

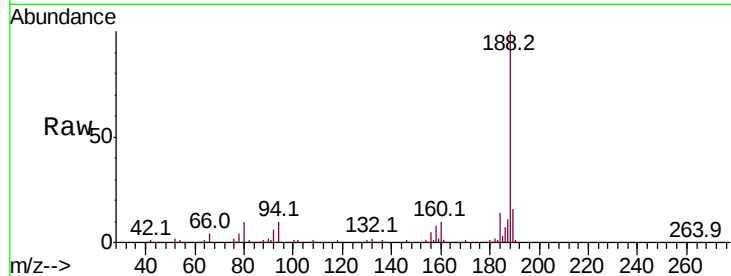
94 9.6 8.5 12.7

80 10.3 9.2 13.8

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

500000

400000

300000

200000

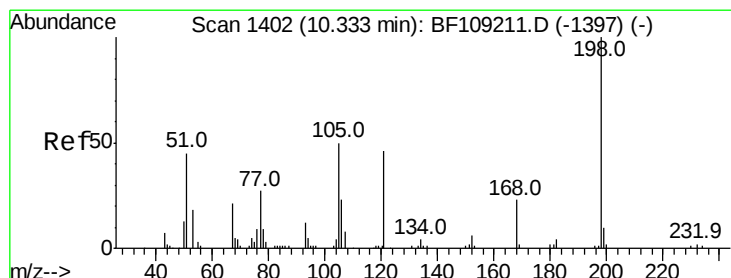
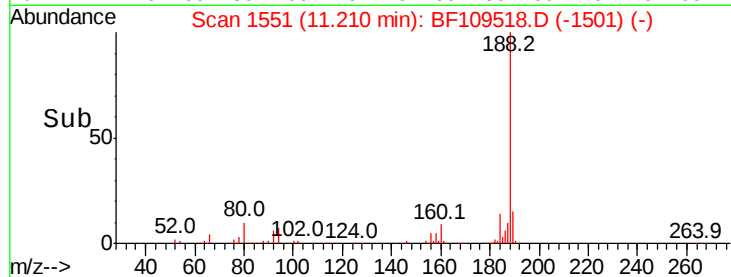
100000

0

11.21

11.30

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.674 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

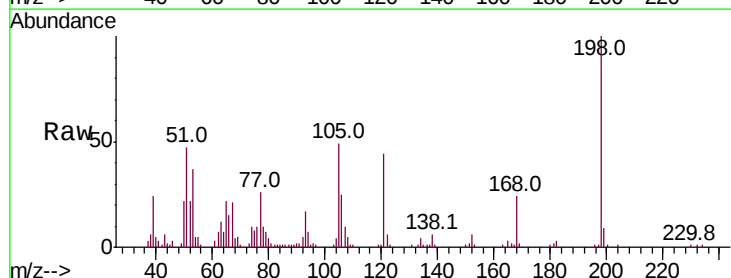
Tgt Ion:198 Resp: 56357

Ion Ratio Lower Upper

198 100

51 47.3 37.7 77.7

105 48.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

250000

200000

150000

100000

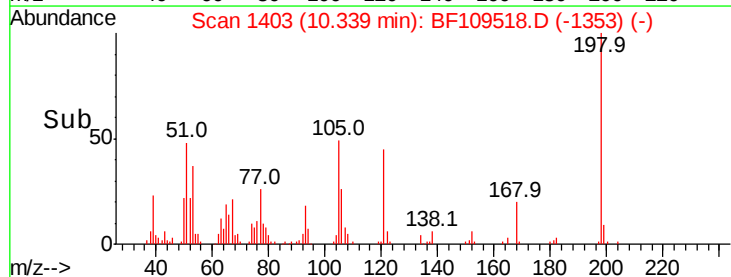
50000

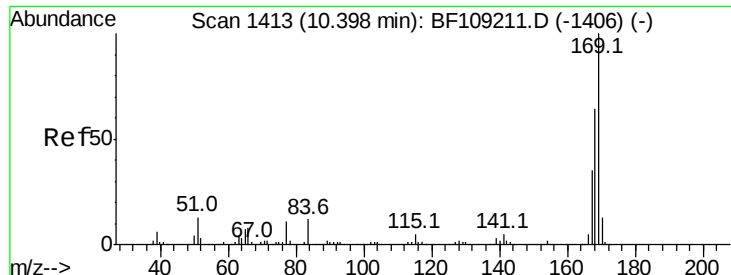
0

10.34

10.40

Time-->





#65

n-Nitrosodiphenylamine

Concen: 44.903 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

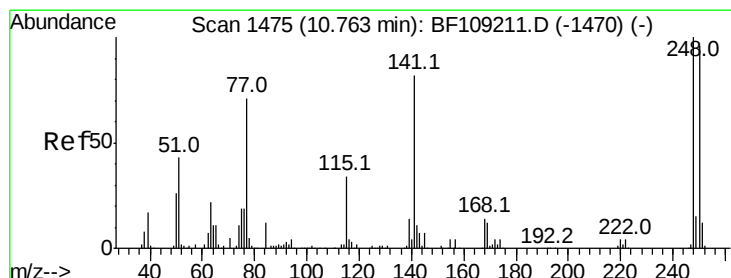
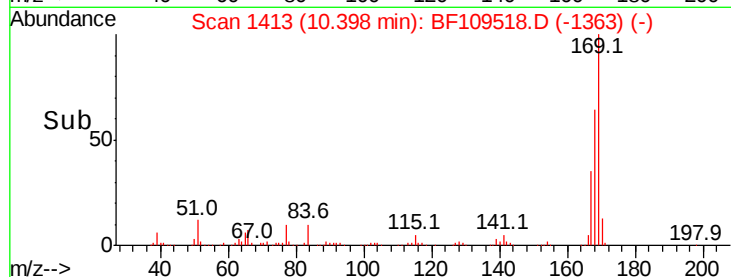
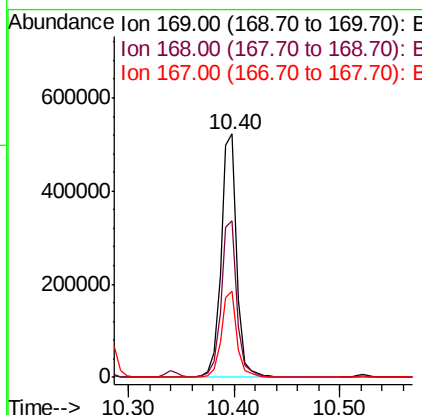
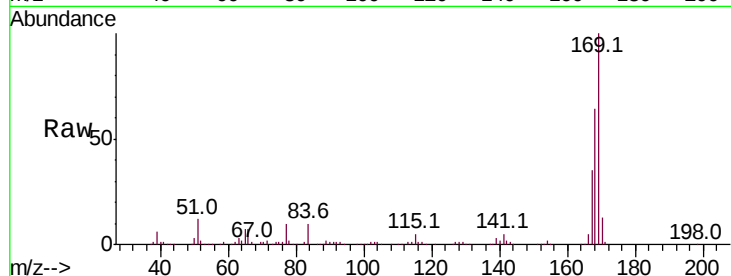
ClientSampleId :

PB113418BSD

Tot Ion:	169	Resp:	544499
Ion Ratio	Lower	Upper	
169	100		
168	64.2	54.4	81.6
167	35.2	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 44.497 ng

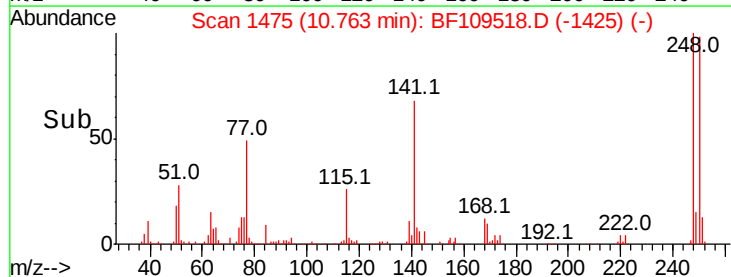
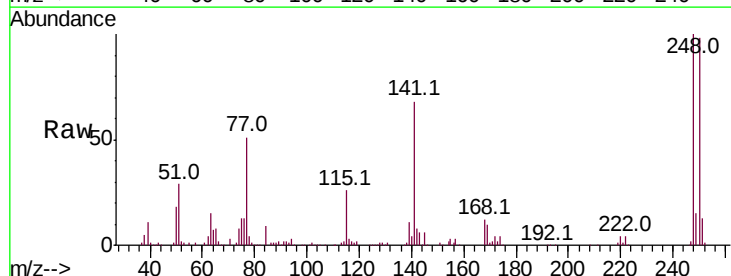
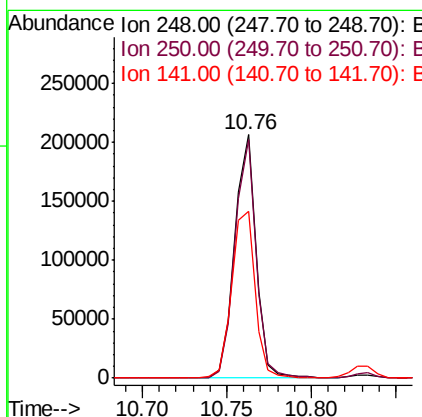
RT: 10.76 min Scan# 1475

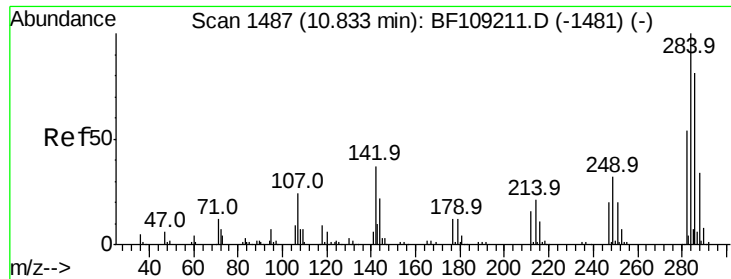
Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	248	Resp:	181353
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.9	115.3
141	68.3	74.4	111.6#





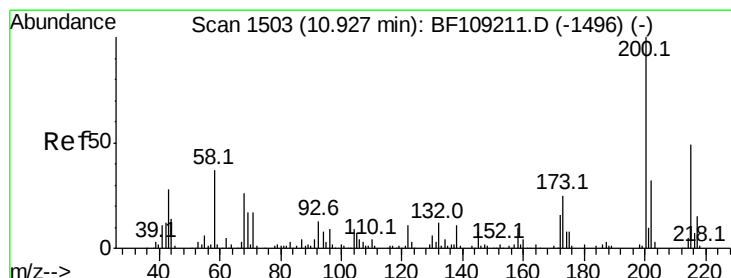
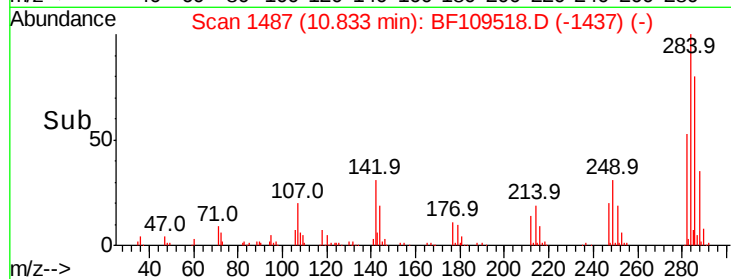
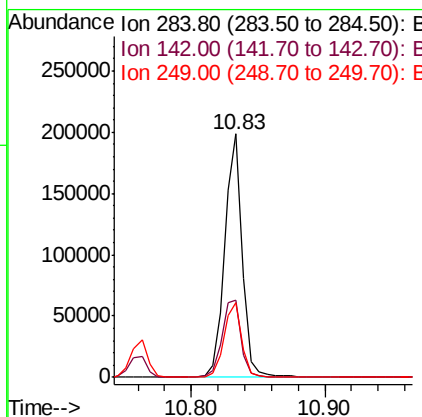
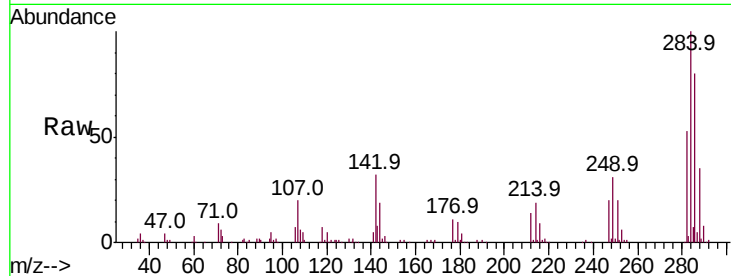
#67
Hexachlorobenzene
Concen: 42.420 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.8	34.6	52.0	
249	30.7	24.8	37.2	

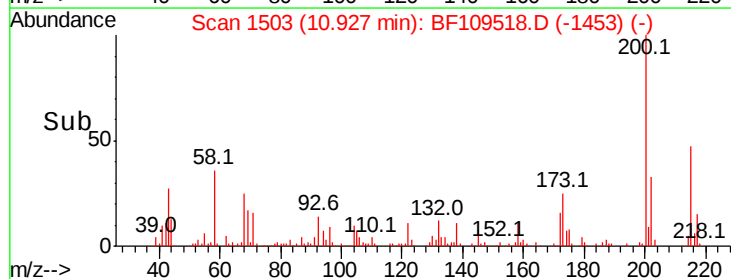
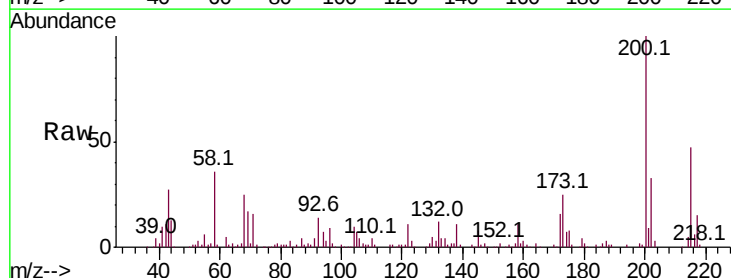
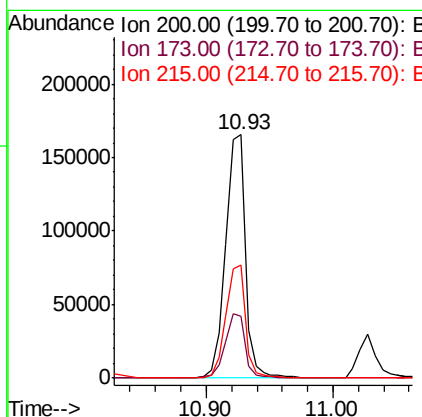
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#68
Atrazine
Concen: 48.362 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.5	8.6	48.6	
215	46.6	25.1	65.1	





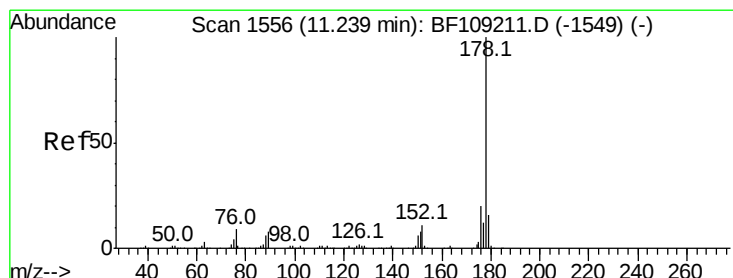
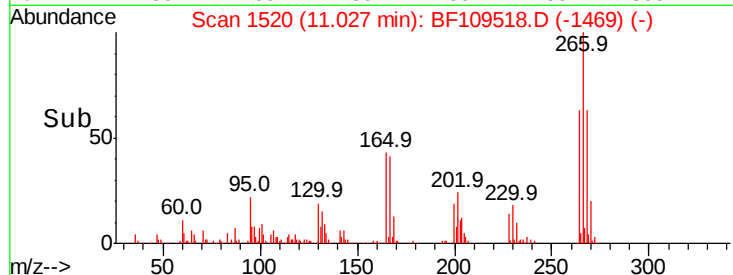
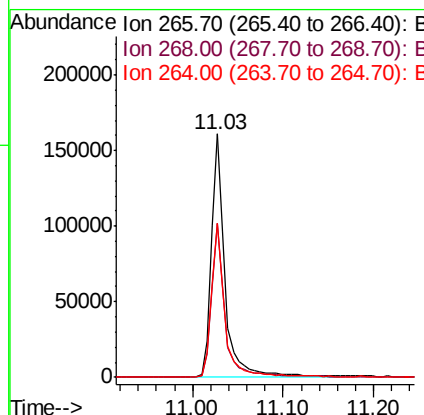
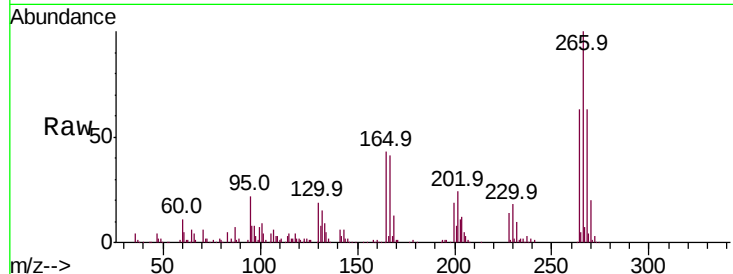
#69
 Pentachlorophenol
 Concen: 66.569 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	172459		
268	63.3	51.1	76.7	
264	63.0	49.5	74.3	

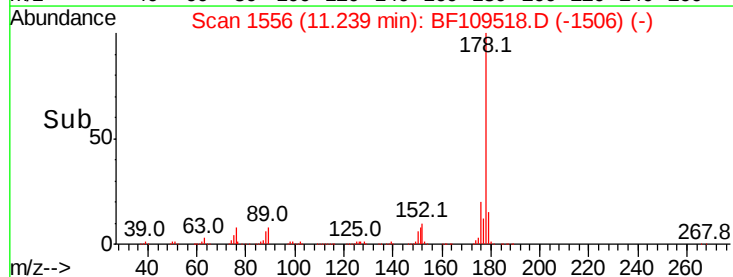
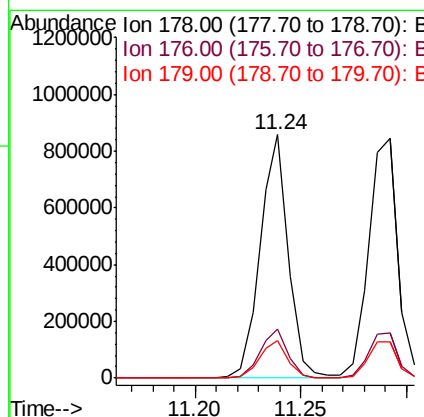
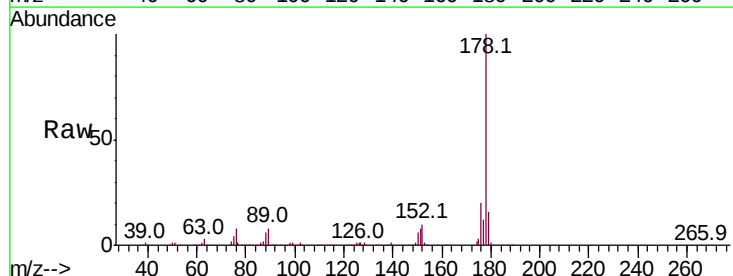
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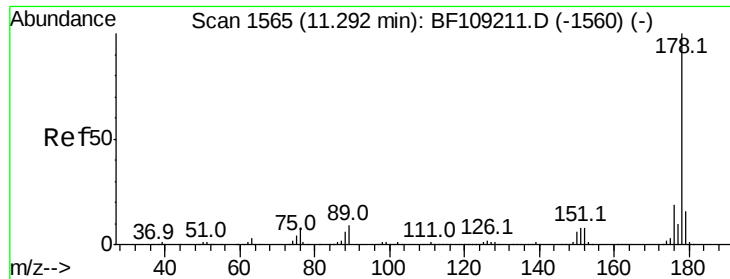
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#70
 Phenanthrene
 Concen: 43.355 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	794491		
176	20.0	15.8	23.8	
179	15.6	13.0	19.6	





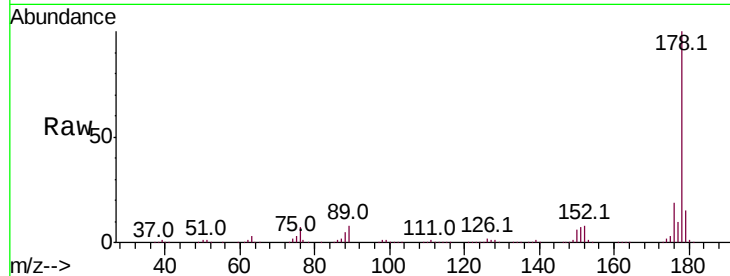
#71
 Anthracene
 Concen: 44.082 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	19.0

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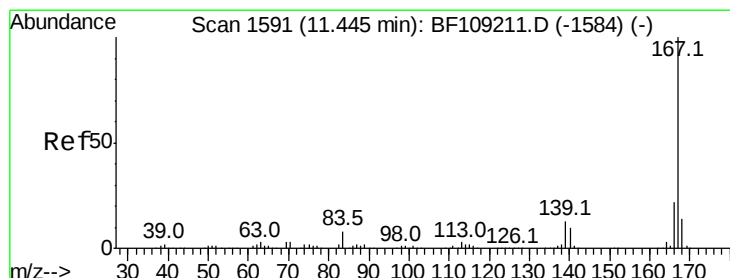
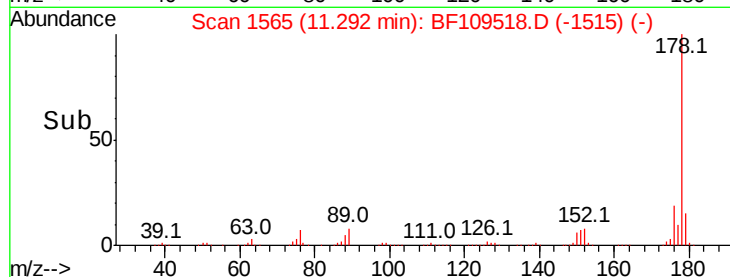
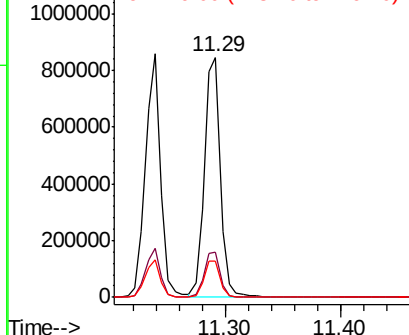


Abundance

Ion 178.00 (177.70 to 178.70): E

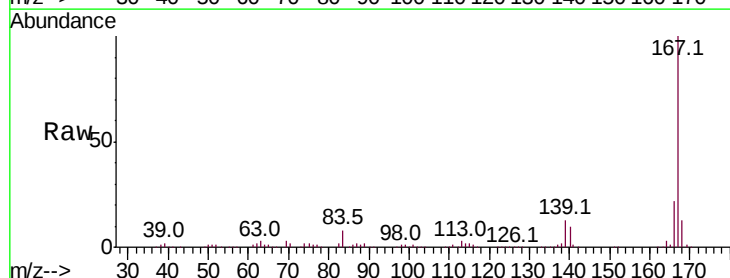
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 38.492 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.2	10.9	16.3

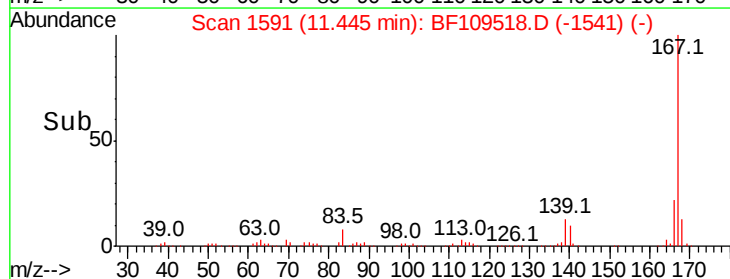
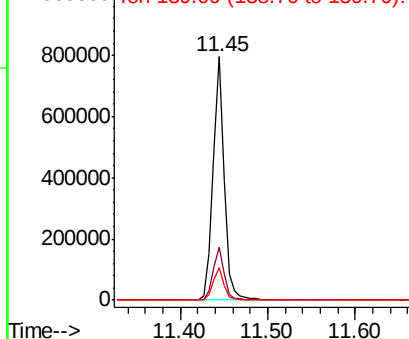


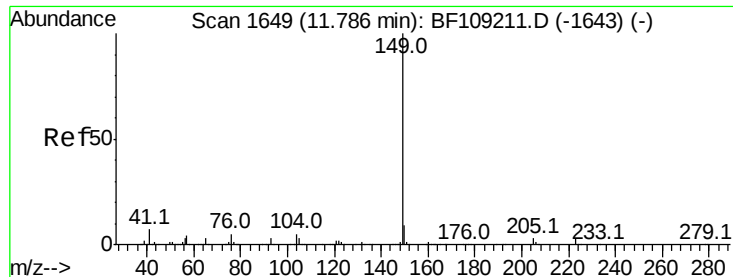
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





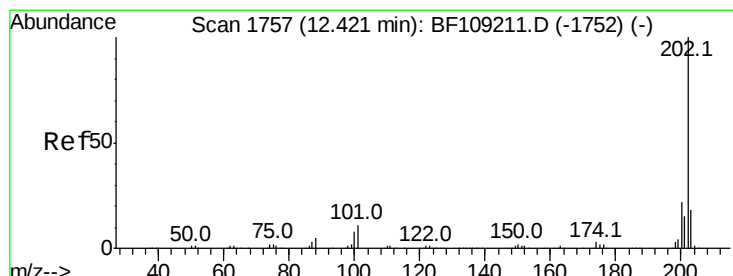
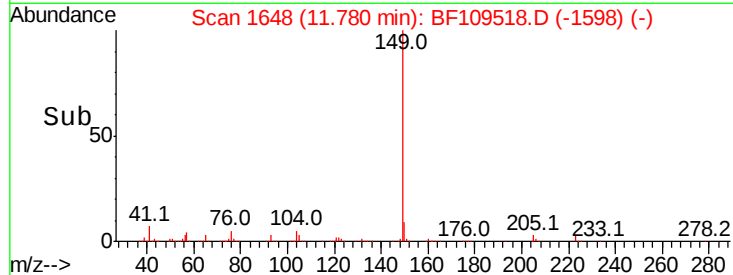
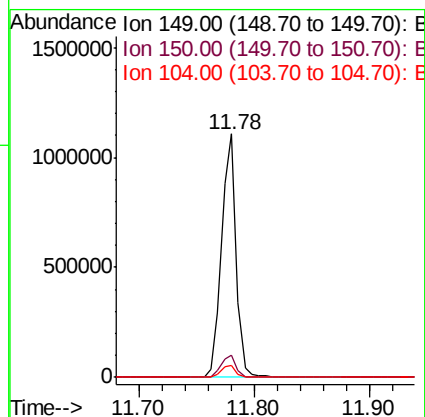
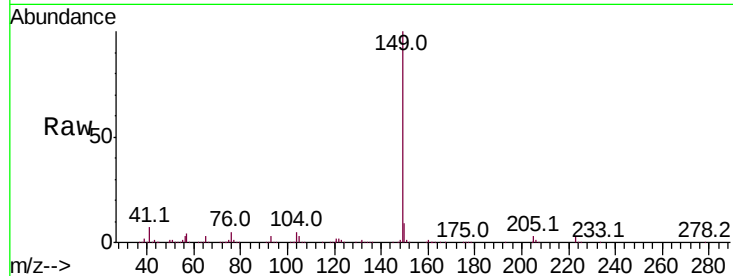
#73
Di-n-butylphthalate
Concen: 45.604 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion:	149	Resp:	970854
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.9	3.8	5.8

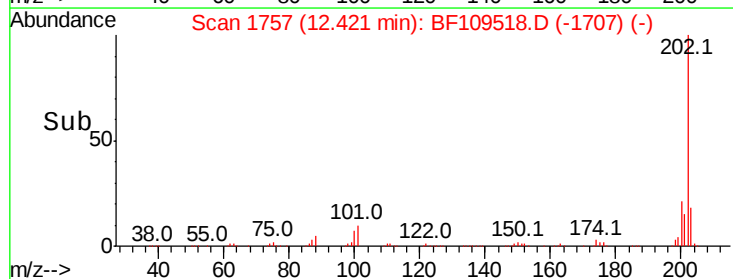
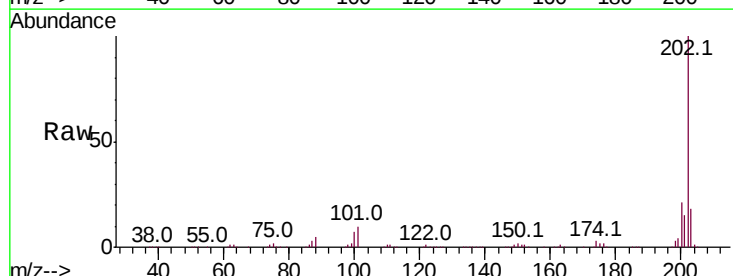
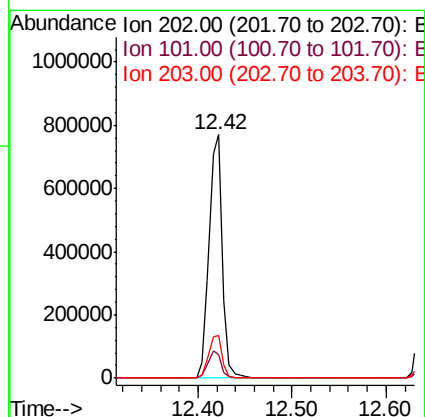
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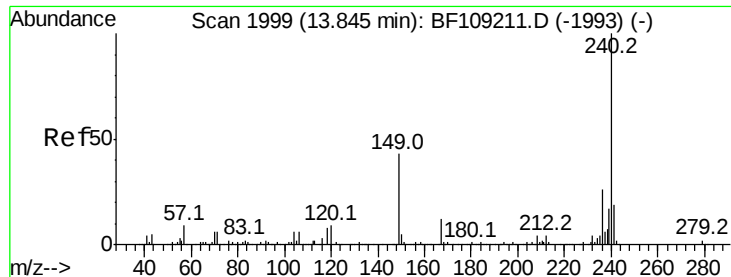
Sohil
10/3/2018 9:31:08 AM



#74
Fluoranthene
Concen: 39.110 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion:	202	Resp:	765907
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

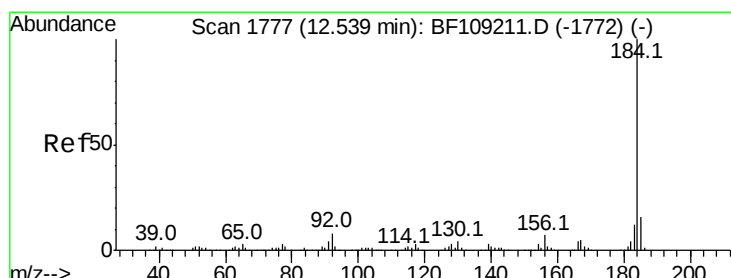
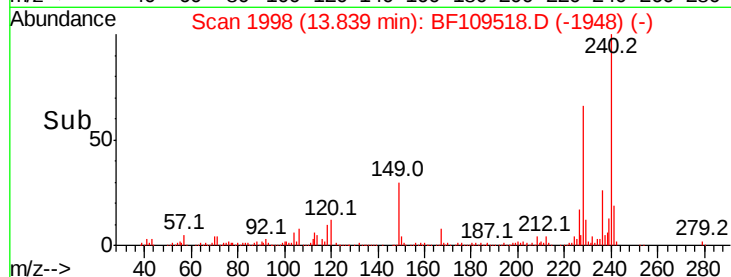
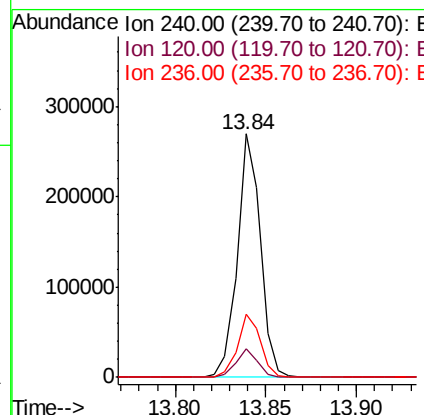
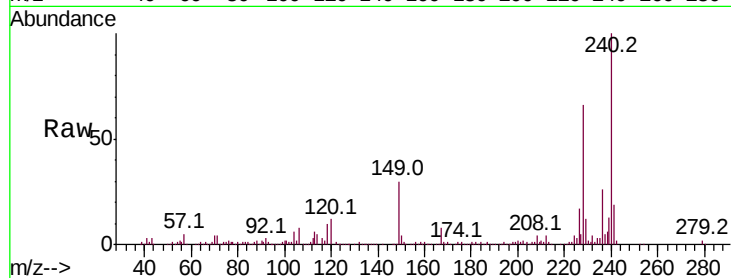
ClientSampleId :

PB113418BSD

Tot Ion:	240	Resp:	238369
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 36.023 ng

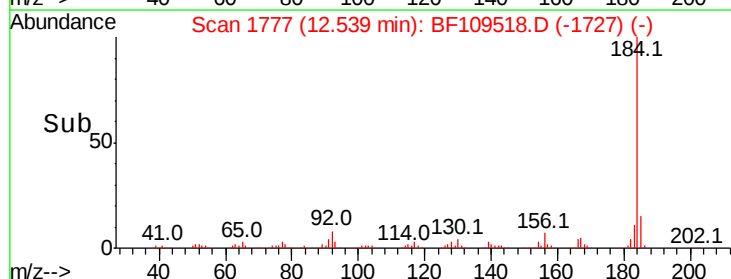
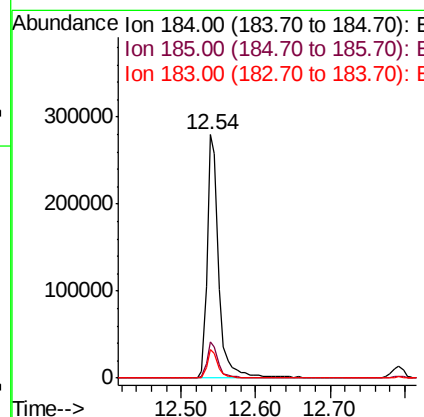
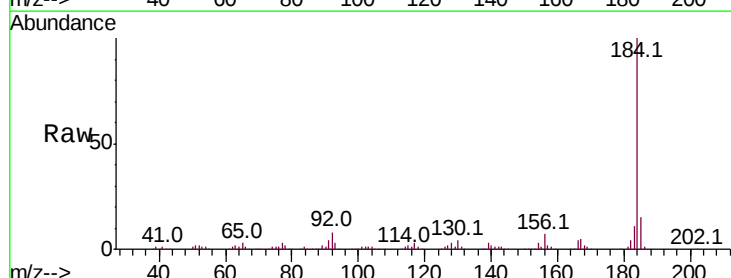
RT: 12.54 min Scan# 1777

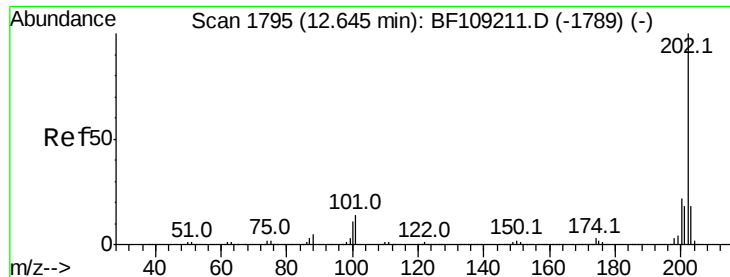
Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	184	Resp:	309598
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	11.5	9.3	13.9





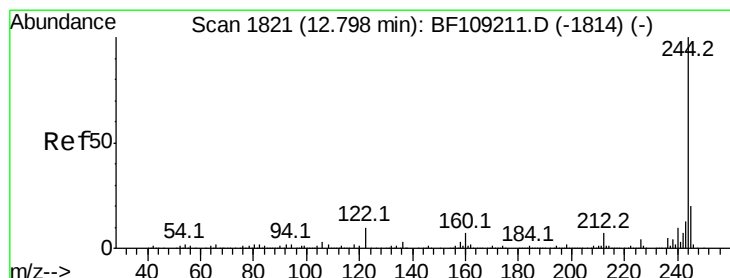
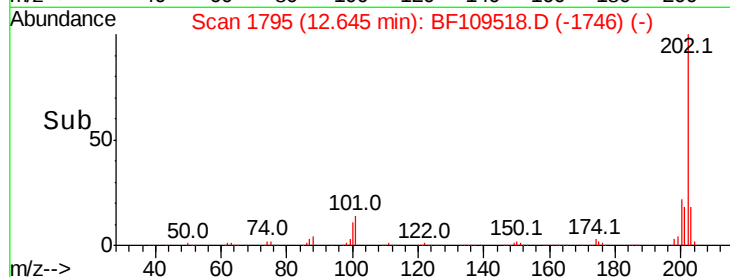
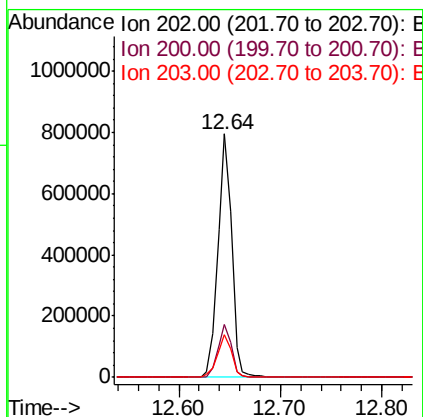
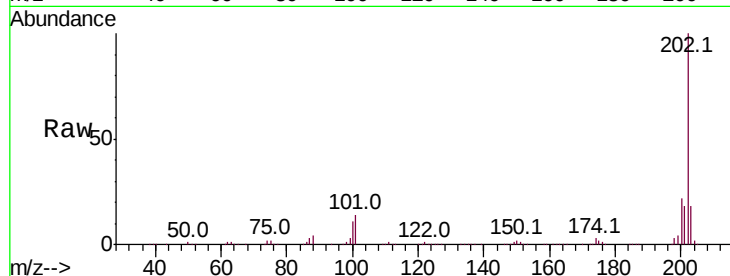
#77
Pvrene
Concen: 43.943 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.6	14.3	21.5

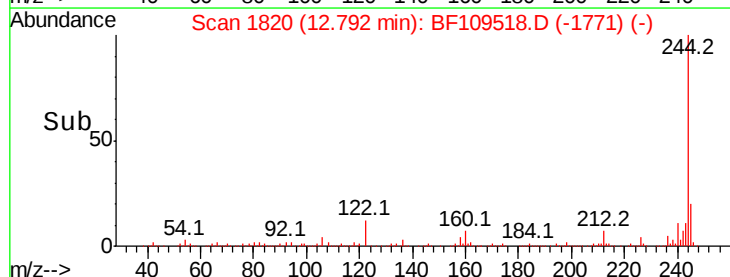
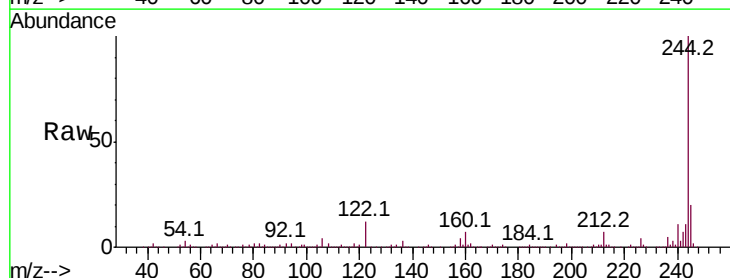
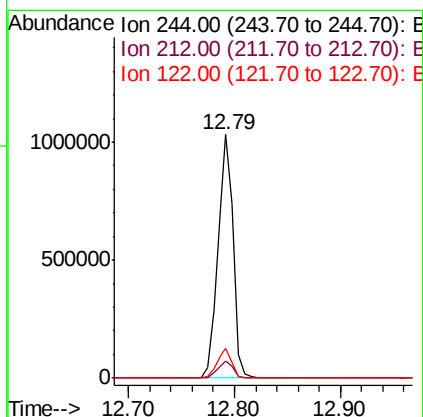
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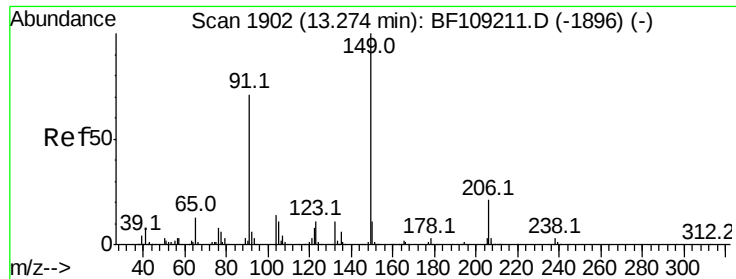
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#78
Terphenyl-d14
Concen: 107.836 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.1	11.0	16.4





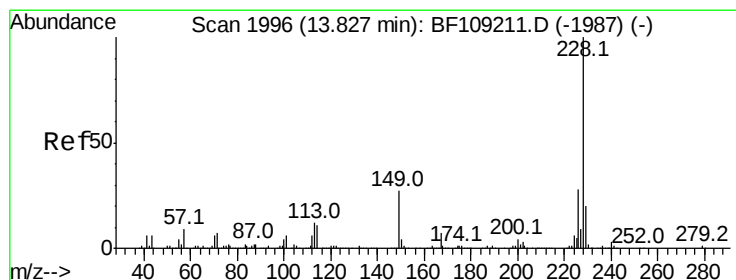
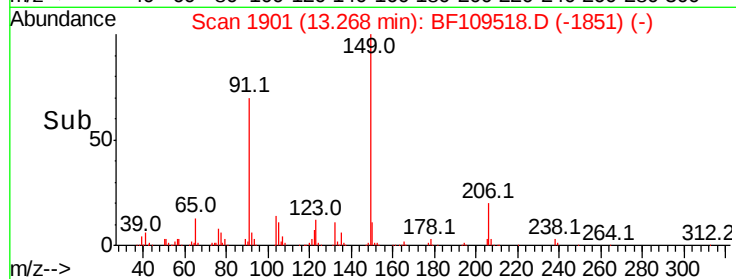
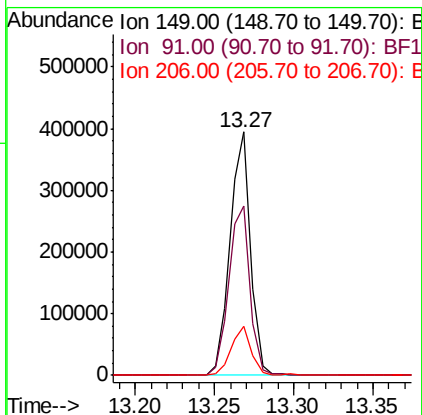
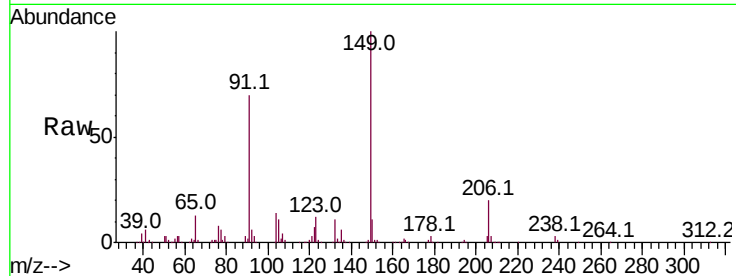
#79
Butylbenzylphthalate
Concen: 48.679 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	353804		
91	69.6	56.8	85.2	
206	20.1	14.1	21.1	

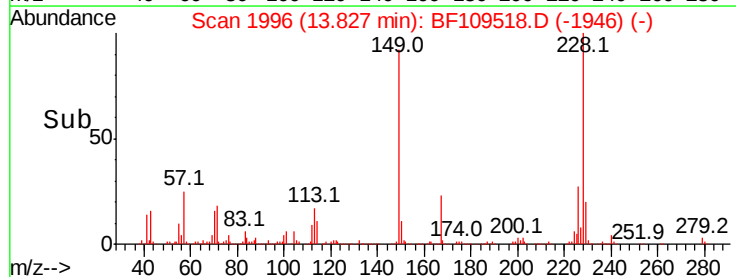
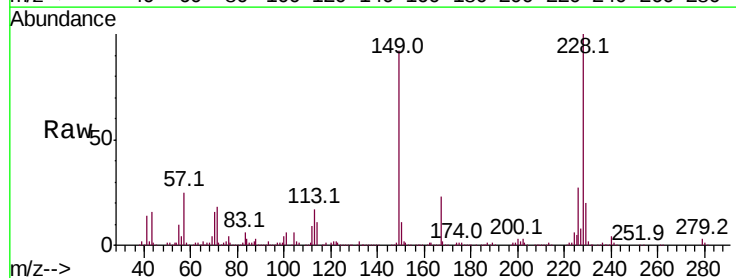
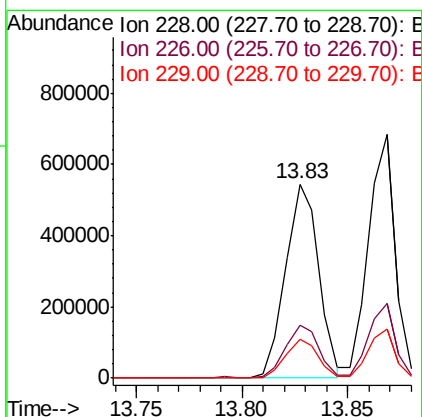
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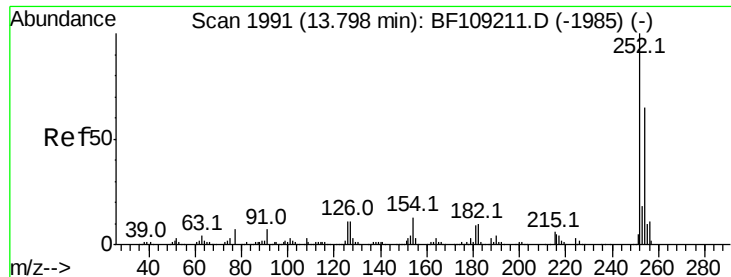
Sohil
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#80
Benzo(a)anthracene
Concen: 41.588 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	597105		
226	27.3	22.6	33.8	
229	19.8	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 28.654 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

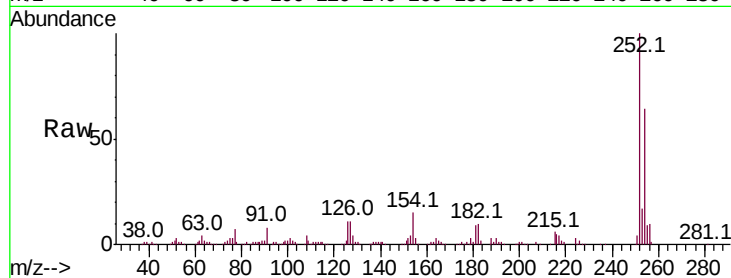
ClientSampleId :

PB113418BSD

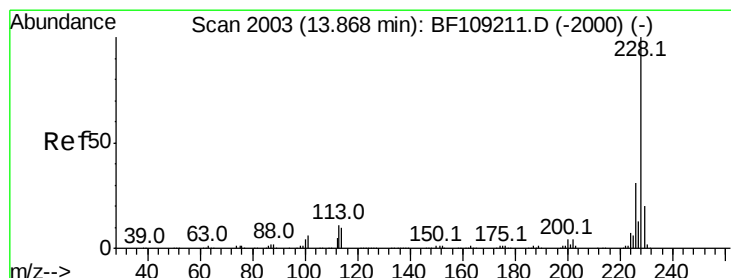
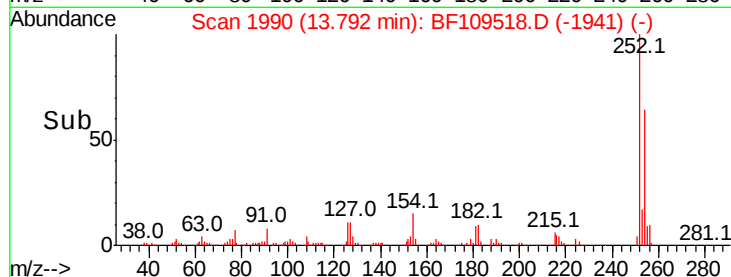
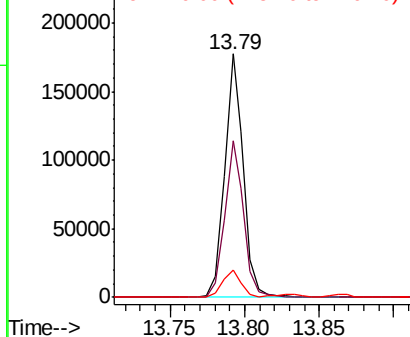
Tot Ion:	252	Resp:	156350
Ion Ratio		Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.3	11.3	16.9

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



#82

Chrysene

Concen: 42.828 ng

RT: 13.87 min Scan# 2003

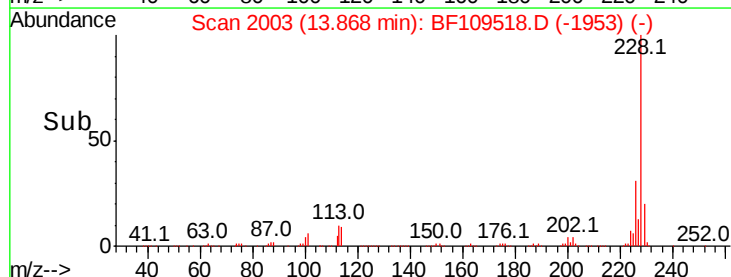
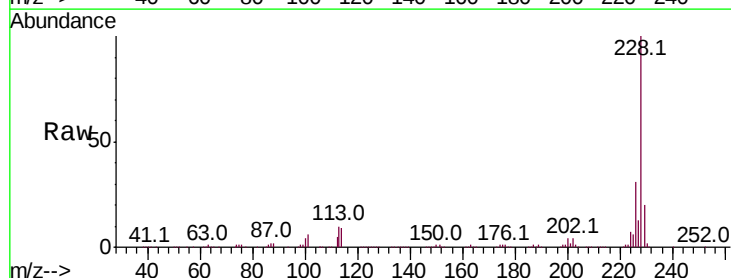
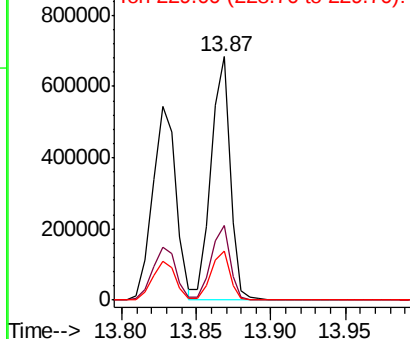
Delta R.T. -0.01 min

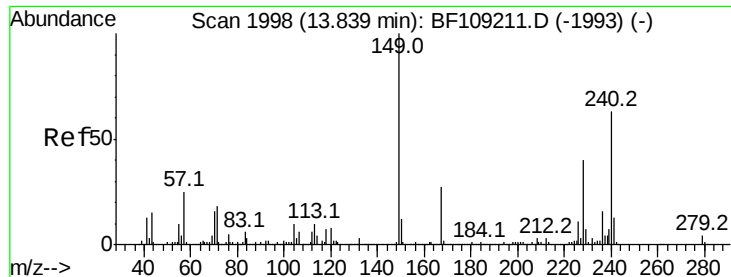
Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	228	Resp:	609464
Ion Ratio		Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.0	16.2	24.4

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.152 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Instrument :

BNA_F

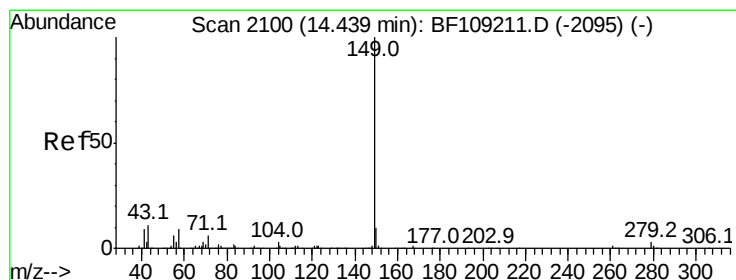
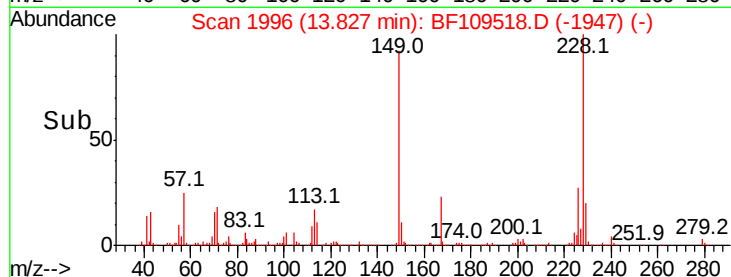
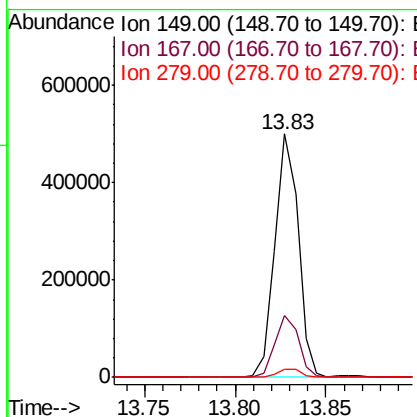
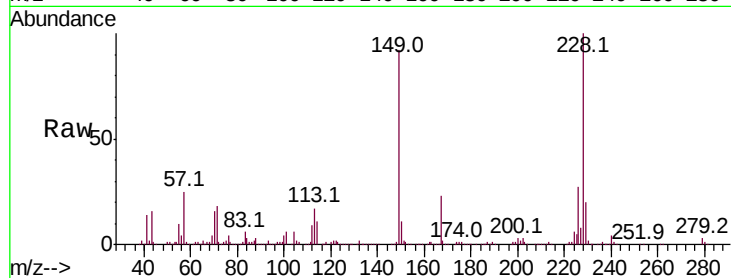
ClientSampleId :

PB113418BSD

Tot Ion:	149	Resp:	450540
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.3	31.9
279	3.5	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 51.190 ng

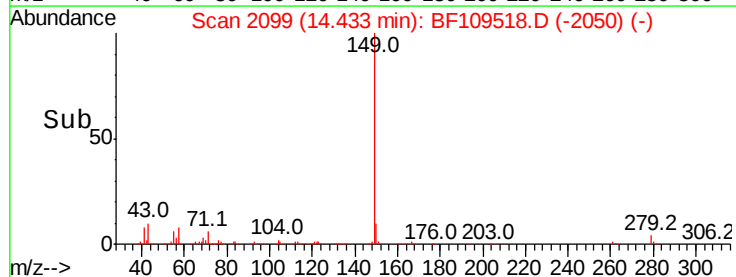
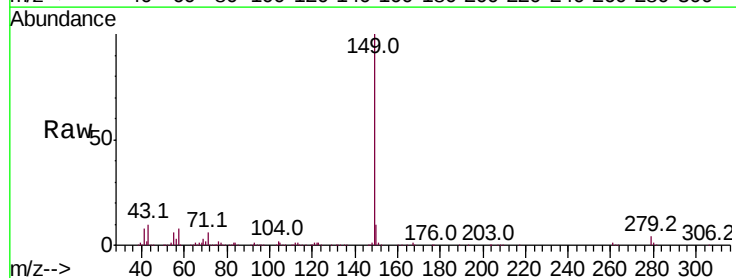
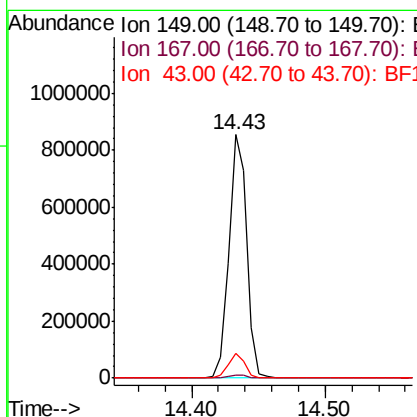
RT: 14.43 min Scan# 2099

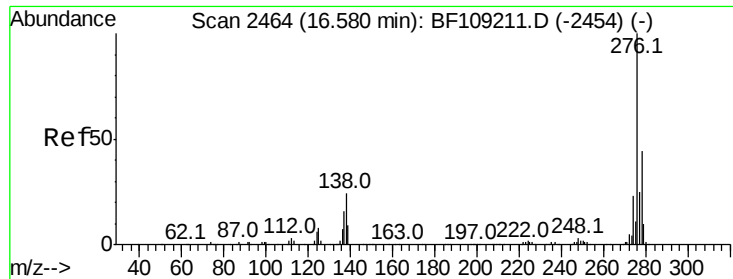
Delta R.T. -0.01 min

Lab File: BF109518.D

Acq: 2 Oct 2018 22:37

Tgt Ion:	149	Resp:	802273
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6





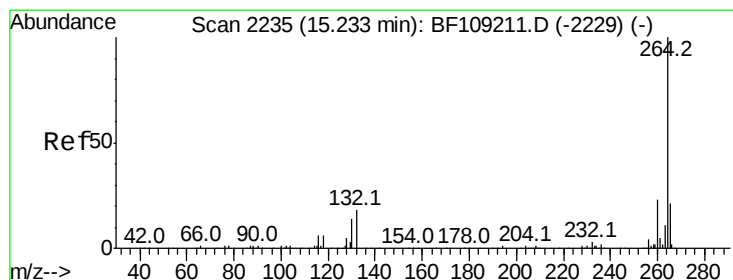
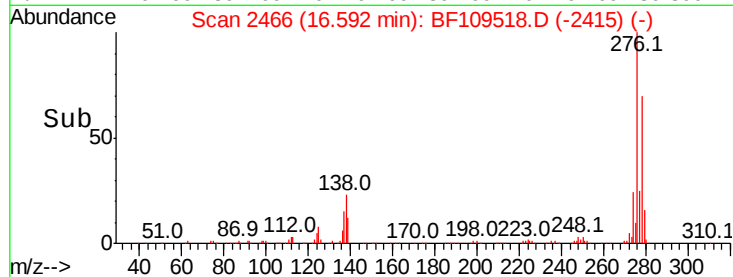
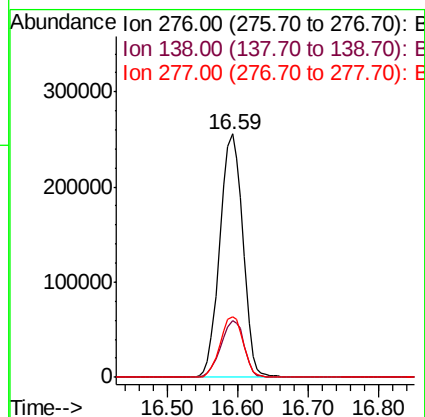
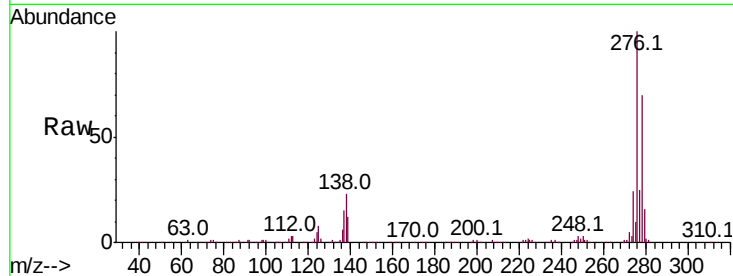
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.453 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.0	37.6#
277	25.1	20.1	30.1

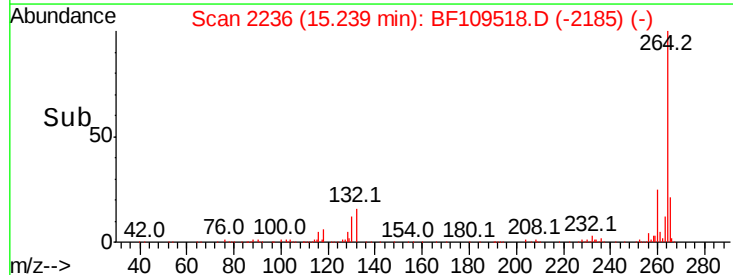
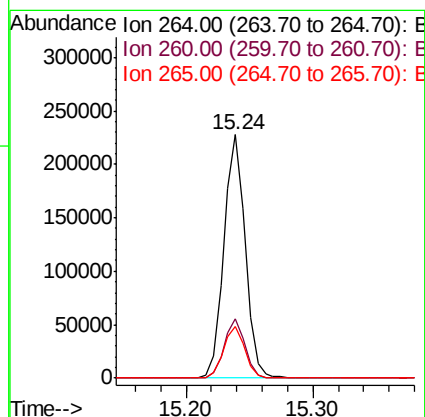
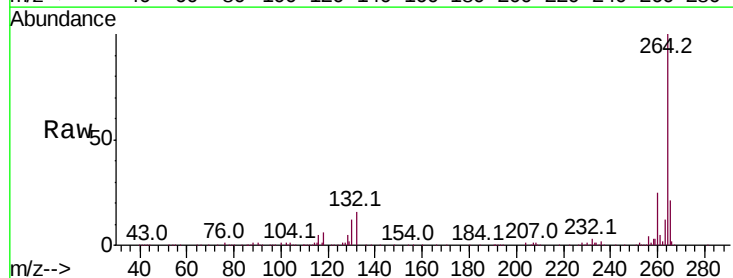
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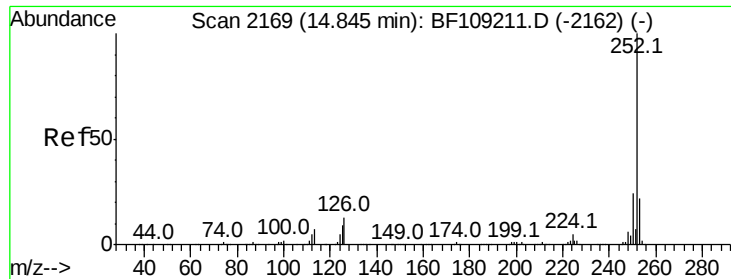
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3





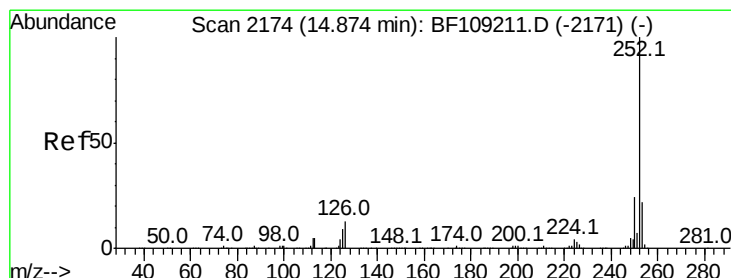
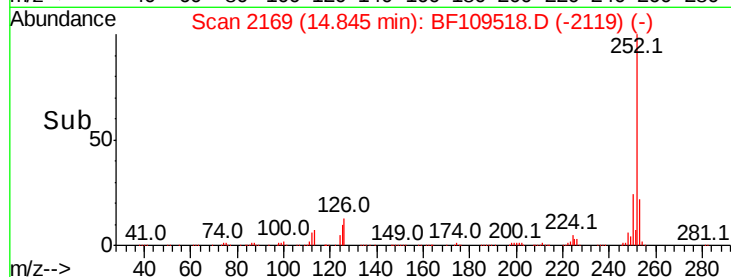
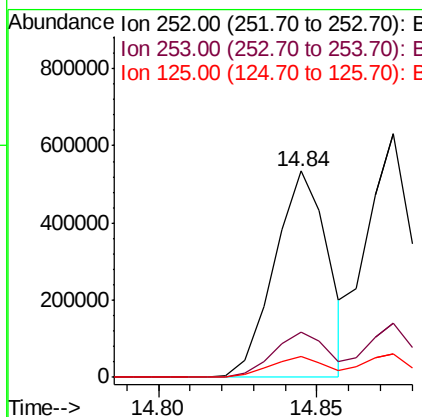
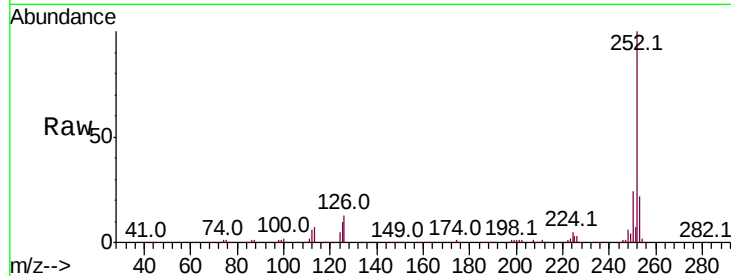
#87
Benzo(b)fluoranthene
Concen: 42.924 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.3	9.0	13.6

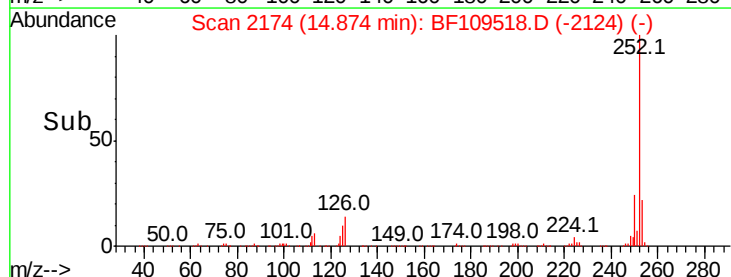
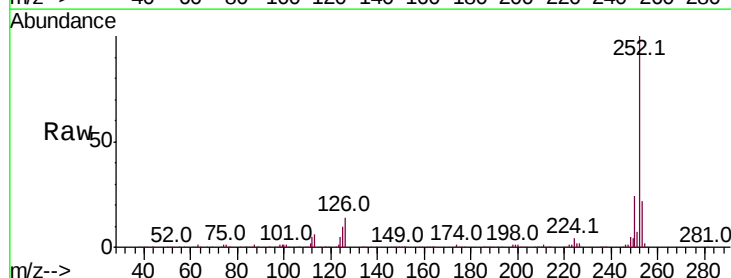
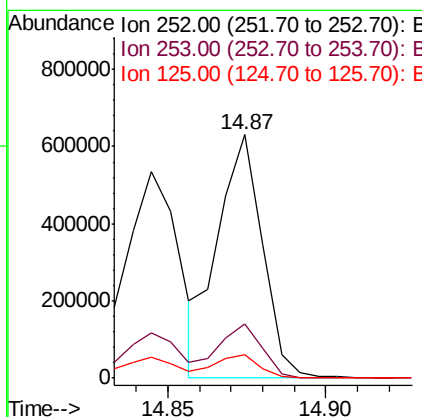
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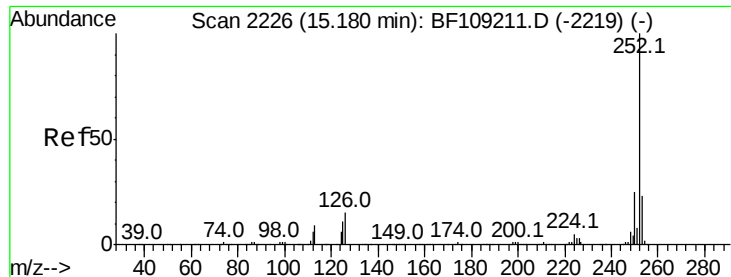
Sohil
10/3/2018 9:31:08 AM



#88
Benzo(k)fluoranthene
Concen: 44.744 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.5	10.2	15.2#





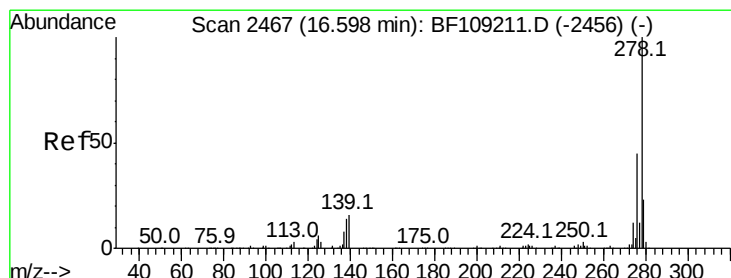
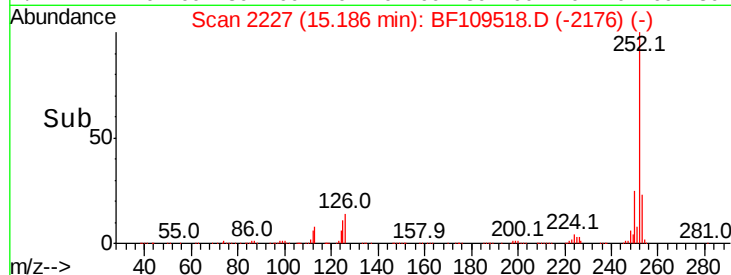
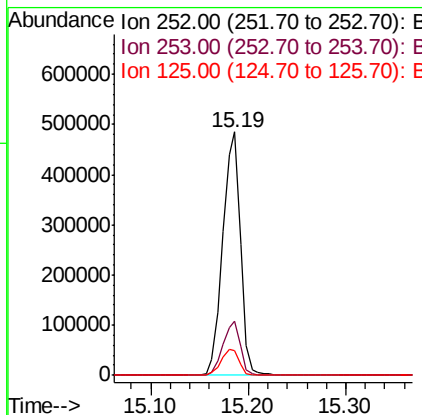
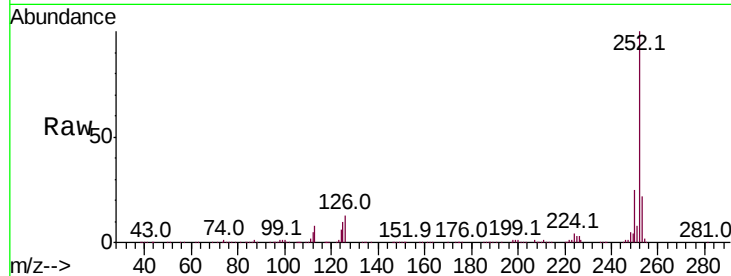
#89
Benzo(a)pyrene
Concen: 46.181 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Instrument :
BNA_F
ClientSampleId :
PB113418BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.4	9.8	14.6

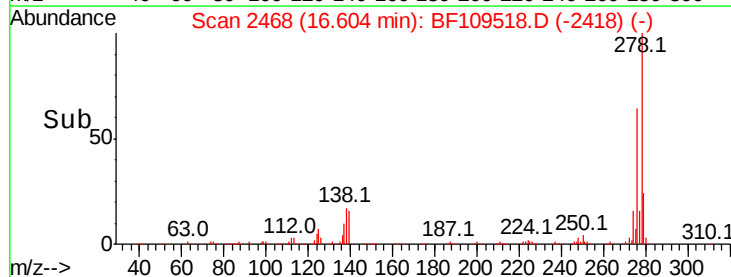
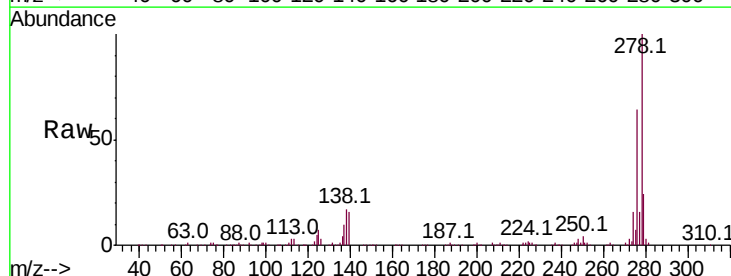
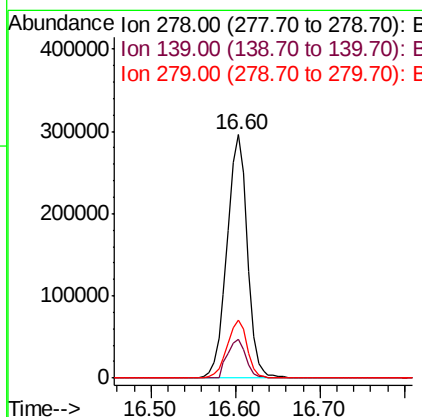
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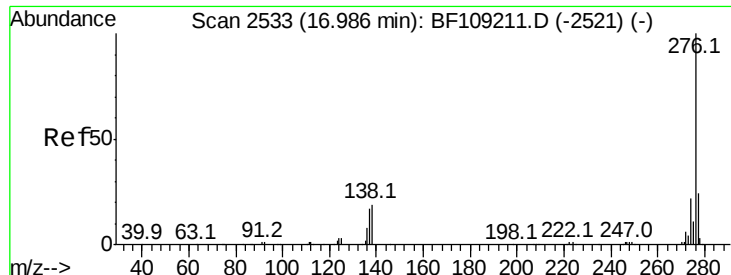
Sohil
10/3/2018 9:31:08 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.240 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF109518.D
Acq: 2 Oct 2018 22:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.698 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BF109518.D
 Acq: 2 Oct 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BSD

Tot Ion:	276	Resp:	454742
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.9	26.9
138	20.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/3/2018 9:31:08 AM

