

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109517.D
 Acq On : 2 Oct 2018 22:11
 Operator : JU/SJ
 Sample : PB113418BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Manual Integrations
 APPROVED

Sohil
 10/3/2018 9:31:06 AM

Quant Time: Oct 03 04:49:27 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	102587	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	390998	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	184678	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	325542	20.00	ng	0.00
75) Chrysene-d12	13.84	240	222459	20.00	ng	0.00
86) Perylene-d12	15.24	264	248702	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	550534	88.39	ng	0.01
7) Phenol-d6	6.35	99	683413	85.99	ng	0.00
23) Nitrobenzene-d5	7.27	82	639626	96.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	176805	97.12	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1170436	95.58	ng	-0.01
78) Terphenyl-d14	12.79	244	981431	108.27	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	95805	33.399	ng	93
3) Pyridine	3.15	79	236092	31.978	ng	89
4) n-Nitrosodimethylamine	3.09	42	121867	38.787	ng	# 99
6) Aniline	6.37	93	245656	24.159	ng	# 1
8) 2-Chlorophenol	6.49	128	293798	42.418	ng	97
9) Benzaldehyde	6.25	77	128860	25.239	ng	98
10) Phenol	6.37	94	354890	39.430	ng	75
11) bis(2-Chloroethyl)ether	6.45	93	261387	37.114	ng	93
12) 1,3-Dichlorobenzene	6.65	146	320449	40.184	ng	98
13) 1,4-Dichlorobenzene	6.72	146	333082	41.459	ng	99
14) 1,2-Dichlorobenzene	6.87	146	298562	40.285	ng	98
15) Benzyl Alcohol	6.85	79	246984	40.599	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	384409	38.480	ng	78
17) 2-Methylphenol	6.97	107	235872	42.088	ng	# 90
18) Hexachloroethane	7.22	117	115865	40.935	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	208624	40.060	ng	98
20) 3+4-Methylphenols	7.13	107	294203	43.481	ng	89
22) Acetophenone	7.12	105	414905	45.898	ng	98
24) Nitrobenzene	7.29	77	305960	43.444	ng	99
25) Isophorone	7.53	82	572745	48.020	ng	98
26) 2-Nitrophenol	7.60	139	149213	53.575	ng	99
27) 2,4-Dimethylphenol	7.65	122	260917	50.205	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	362115	45.864	ng	99
29) 2,4-Dichlorophenol	7.85	162	254261	46.565	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	259994	42.612	ng	98
31) Naphthalene	8.01	128	830952	45.479	ng	99
32) Benzoic acid	7.79	122	123129	36.725	ng	96
33) 4-Chloroaniline	8.06	127	111642	13.987	ng	99
34) Hexachlorobutadiene	8.13	225	155666	42.321	ng	99
35) Caprolactam	8.43	113	76020m	43.607	ng	
36) 4-Chloro-3-methylphenol	8.55	107	264743	46.076	ng	98
37) 2-Methylnaphthalene	8.70	142	559376	47.491	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	261053	44.416	ng	99
40) Hexachlorocyclopentadiene	8.86	237	146969	57.330	ng	96

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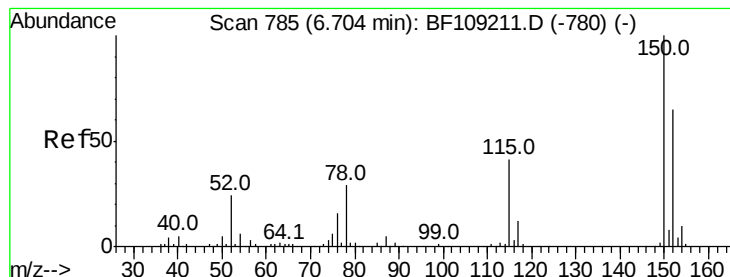
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	171863	45.561	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	186607	46.840	nq	97
45) 1,1'-Biphenyl	9.16	154	678276	45.078	nq	97
46) 2-Chloronaphthalene	9.19	162	516228	42.945	nq	98
47) 2-Nitroaniline	9.28	65	159988	46.944	nq	93
48) Acenaphthylene	9.60	152	826450	45.574	nq	100
49) Dimethylphthalate	9.47	163	630900	46.969	nq	99
50) 2,6-Dinitrotoluene	9.53	165	130839	49.182	nq	95
51) Acenaphthene	9.77	154	467206	42.614	nq	99
52) 3-Nitroaniline	9.69	138	74414	24.154	nq	96
53) 2,4-Dinitrophenol	9.80	184	63268	68.442	nq	# 21
54) Dibenzofuran	9.94	168	696482	42.715	nq	96
55) 4-Nitrophenol	9.87	139	171629	73.952	nq	88
56) 2,4-Dinitrotoluene	9.93	165	162267	48.207	nq	91
57) Fluorene	10.28	166	536670	46.131	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	149472	47.385	nq	88
59) Diethylphthalate	10.16	149	612928	45.061	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	260246	42.829	nq	94
61) 4-Nitroaniline	10.30	138	124540	41.451	nq	91
62) Azobenzene	10.43	77	593809	42.018	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	50537	40.038	nq	86
65) n-Nitrosodiphenylamine	10.39	169	510611	47.473	nq	95
66) 4-Bromophenyl-phenylether	10.76	248	170799	47.247	nq	# 87
67) Hexachlorobenzene	10.83	284	172861	45.023	nq	# 89
68) Atrazine	10.92	200	168242	50.860	nq	97
69) Pentachlorophenol	11.03	266	160242	69.734	nq	98
70) Phenanthrene	11.24	178	748567	46.054	nq	99
71) Anthracene	11.29	178	788157	47.807	nq	99
72) Carbazole	11.45	167	670162	40.856	nq	100
73) Di-n-butylphthalate	11.78	149	911655	48.279	nq	99
74) Fluoranthene	12.42	202	727723	41.894	nq	95
76) Benzidine	12.54	184	301867	37.636	nq	98
77) Pyrene	12.65	202	717405	44.997	nq	100
79) Butylbenzylphthalate	13.27	149	333335	49.143	nq	98
80) Benzo(a)anthracene	13.83	228	580372	43.313	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	163188	32.046	nq	99
82) Chrysene	13.87	228	593241	44.669	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	430410	50.315	nq	98
84) Di-n-octyl phthalate	14.43	149	764136	52.244	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	565644	52.545	nq	# 93
87) Benzo(b)fluoranthene	14.84	252	619761	45.351	nq	98
88) Benzo(k)fluoranthene	14.87	252	613734m	47.327	nq	
89) Benzo(a)pyrene	15.19	252	592972	48.153	nq	97
90) Dibenzo(a,h)anthracene	16.60	278	484230	47.932	nq	# 94
91) Benzo(g,h,i)perylene	17.00	276	449488	45.271	nq	# 91

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



#1

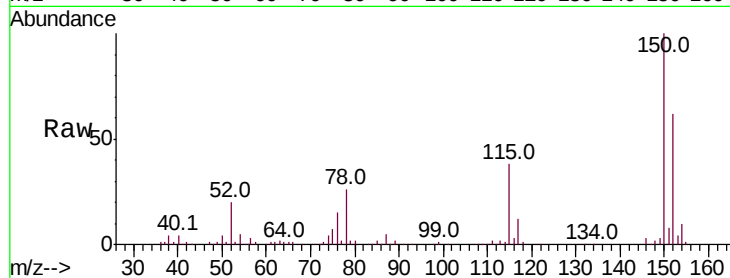
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	61.4	50.1	75.1

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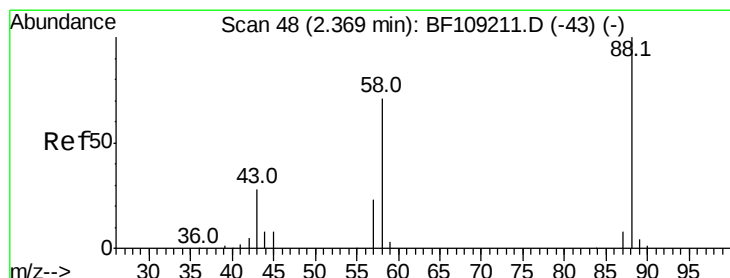
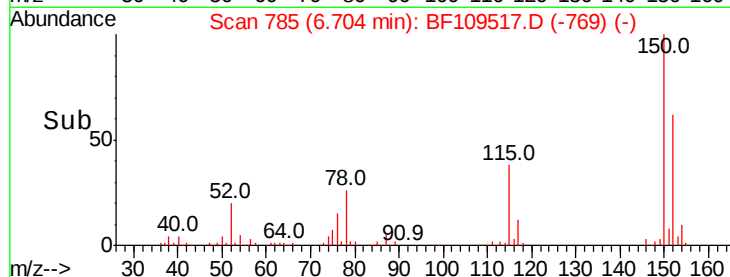
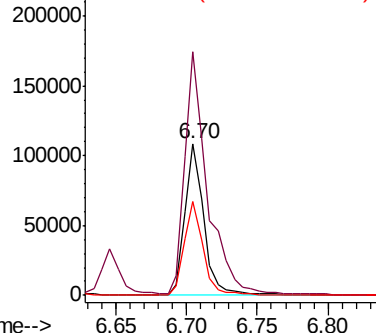


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

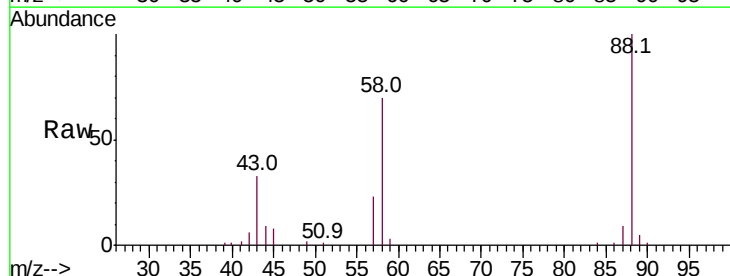
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.399 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.07 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	62.6	93.8
43	31.4	24.6	37.0

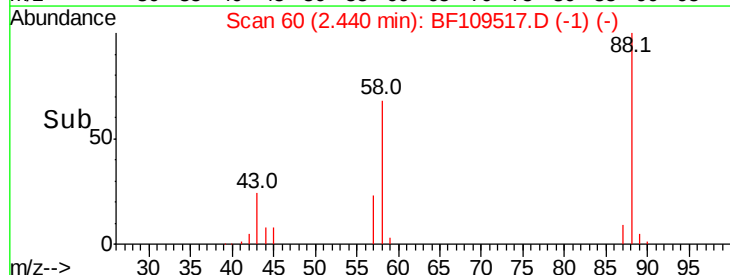
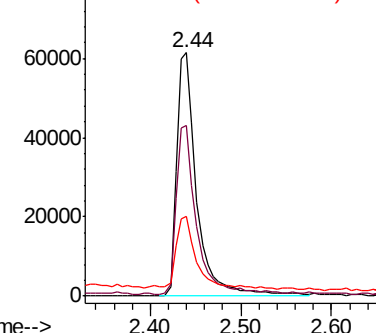


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.978 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

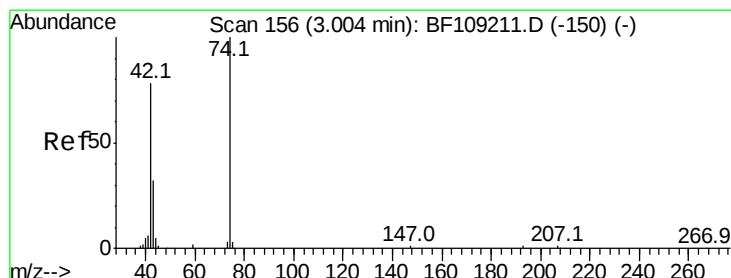
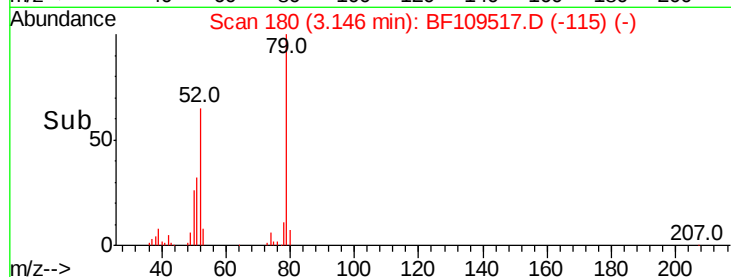
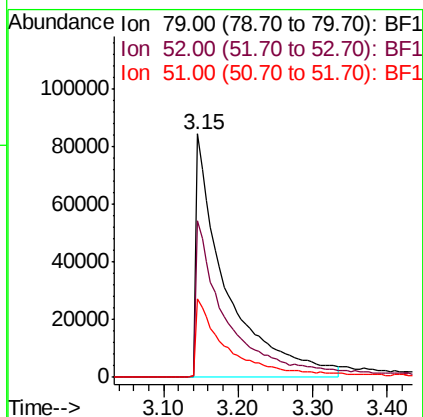
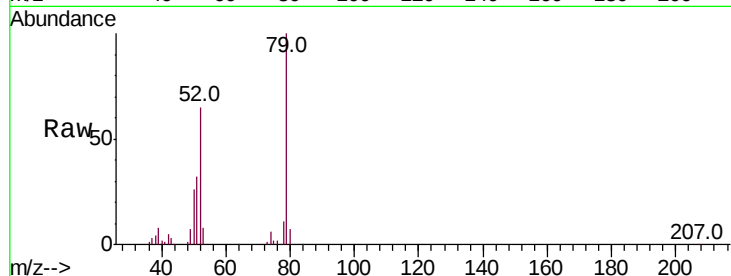
ClientSampleId :

PB113418BS

Tot Ion	79	Resp	236092
Ion Ratio	Lower	Upper	
79	100		
52	64.5	59.8	89.6
51	32.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 38.787 ng

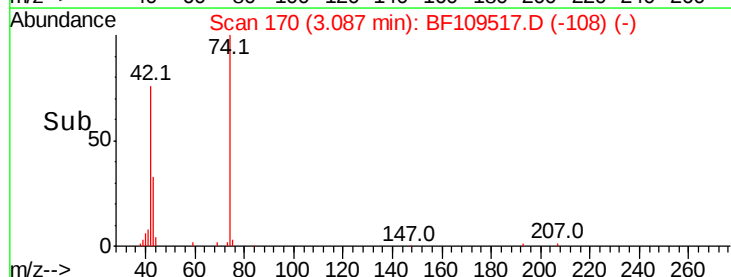
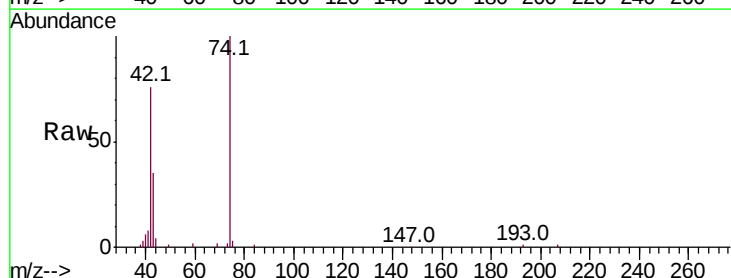
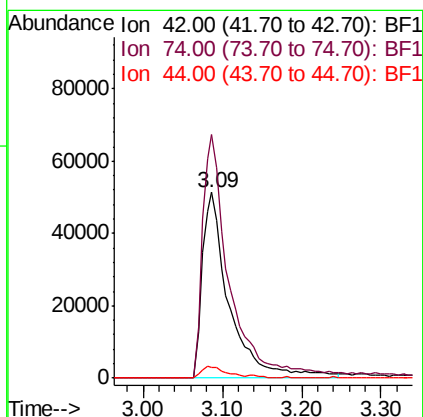
RT: 3.09 min Scan# 170

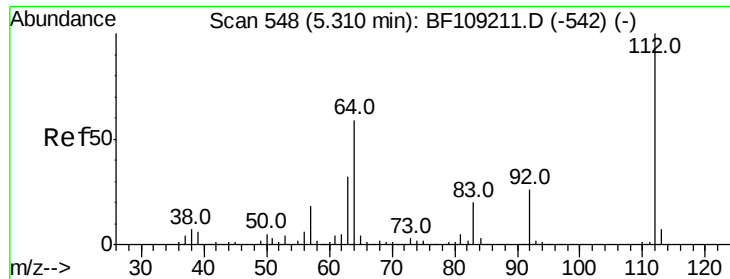
Delta R.T. 0.06 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion	42	Resp	121867
Ion Ratio	Lower	Upper	
42	100		
74	131.0	104.9	157.3
44	5.9	6.9	10.3#





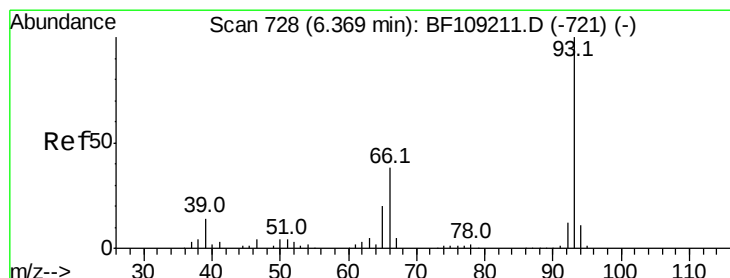
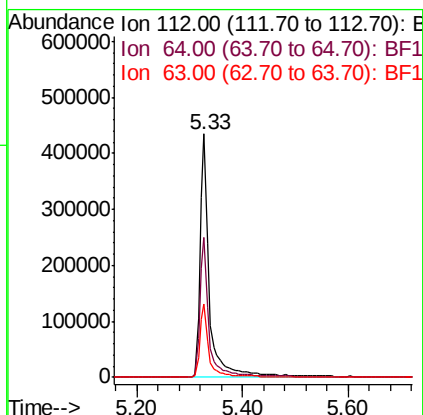
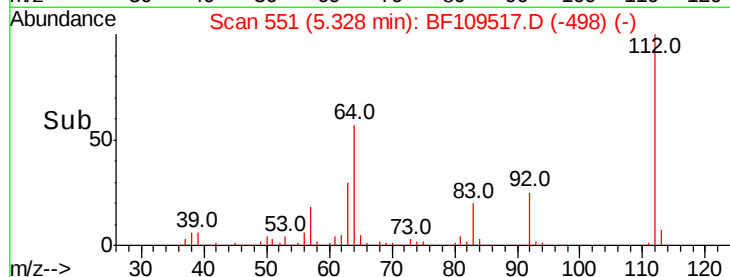
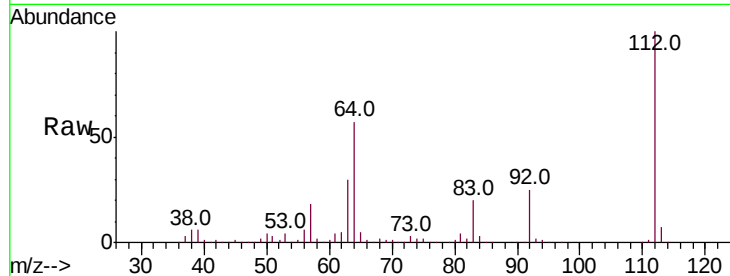
#5
2-Fluorophenol
Concen: 88.391 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion:	112	Resp:	550534
Ion Ratio	Lower	Upper	
112	100		
64	57.2	47.9	71.9
63	30.3	23.7	35.5

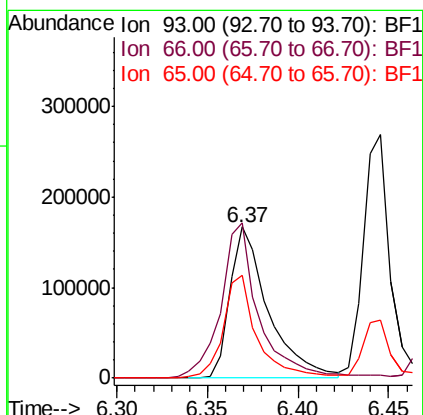
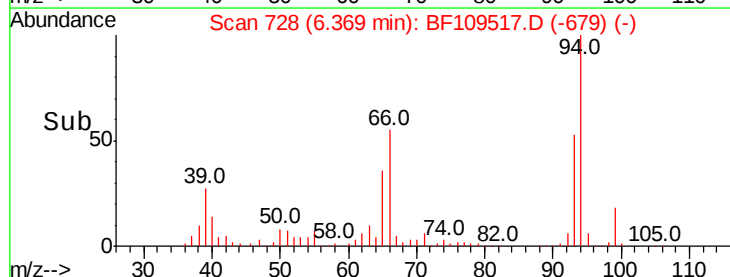
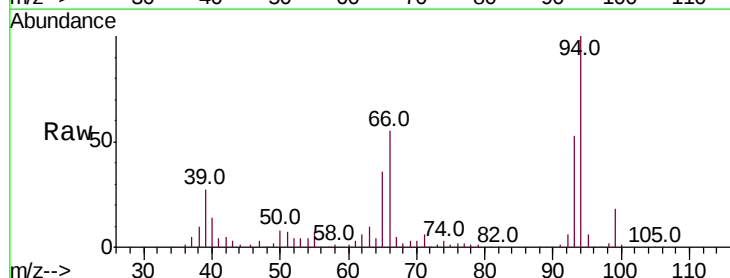
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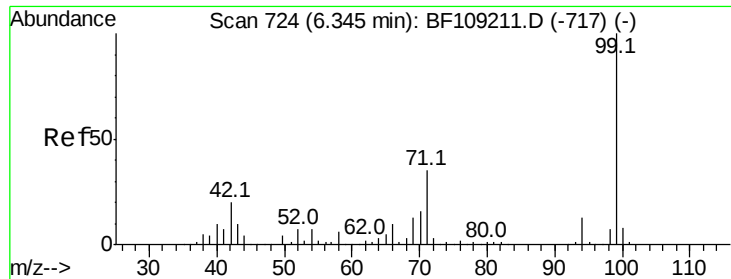
Sohil
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#6
Aniline
Concen: 24.159 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion:	93	Resp:	245656
Ion Ratio	Lower	Upper	
93	100		
66	103.0	32.2	48.2#
65	68.5	16.4	24.6#





#7

Phenol-d6

Concen: 85.989 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

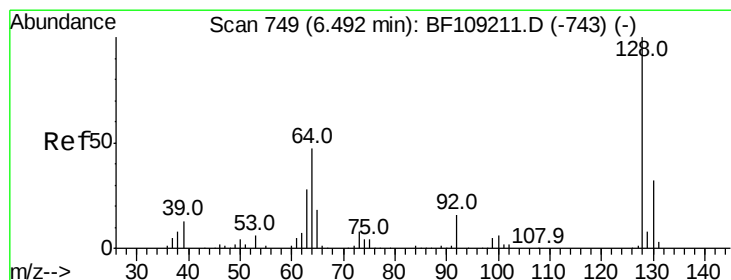
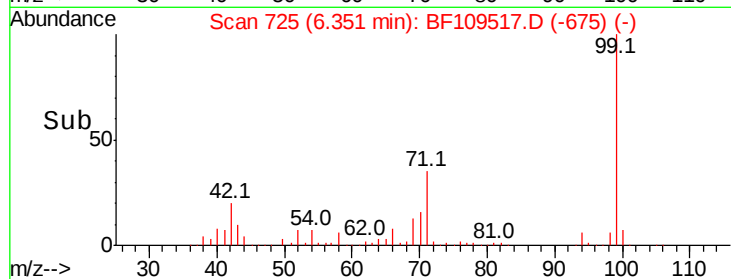
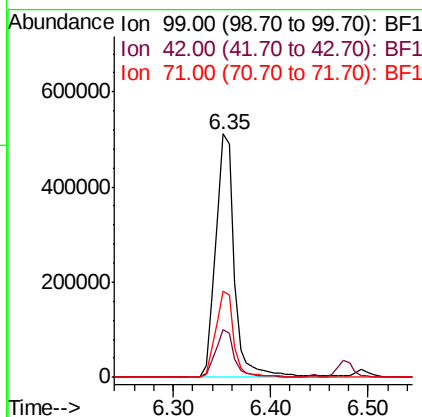
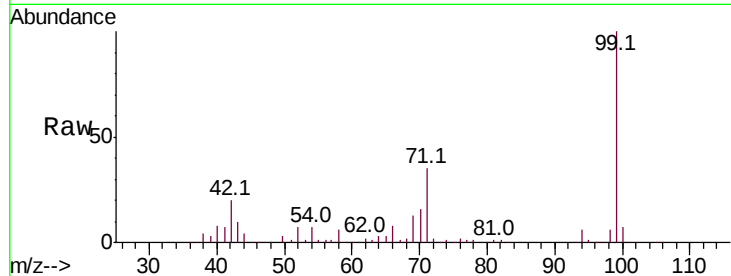
ClientSampleId :

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Tot Ion:	99	Resp:	683413
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	35.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 42.418 ng

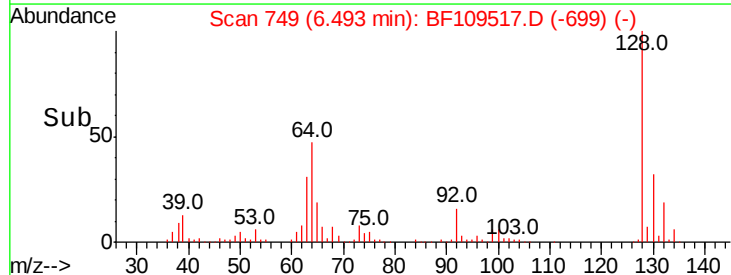
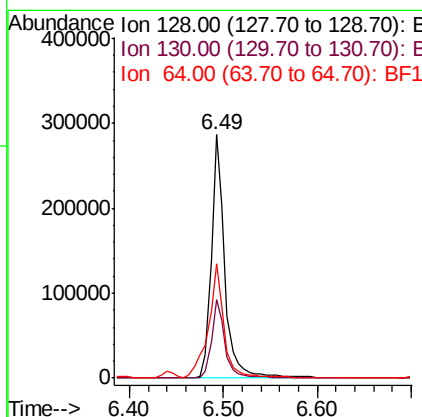
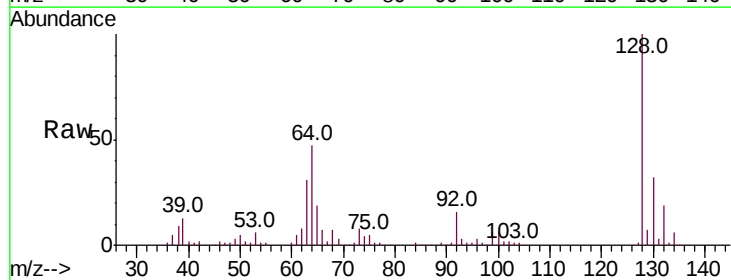
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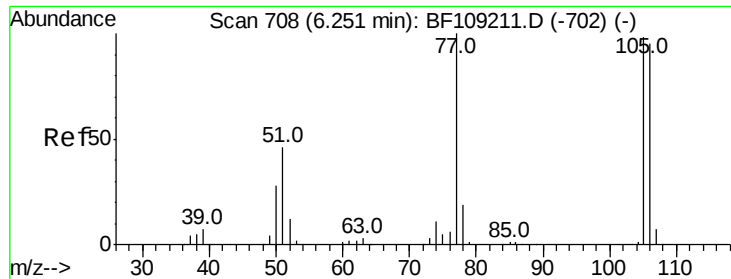
Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion:	128	Resp:	293798
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	47.0	29.4	69.4





#9

Benzaldehyde

Concen: 25.239 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

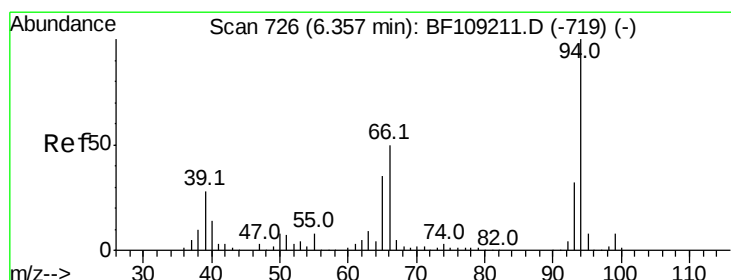
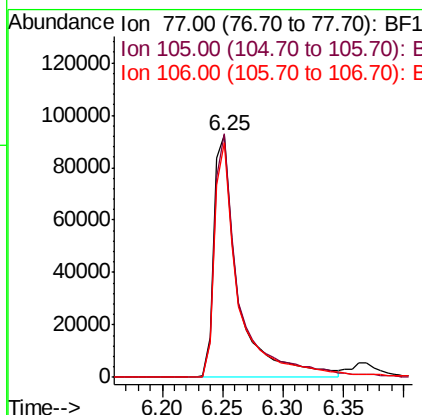
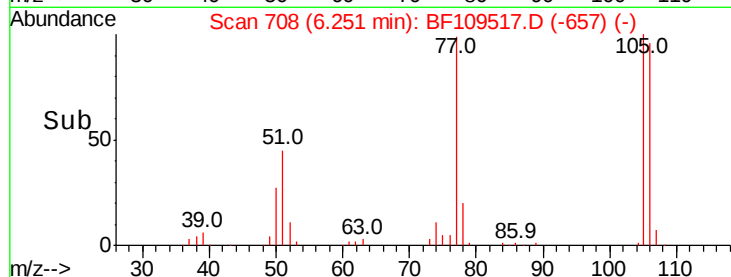
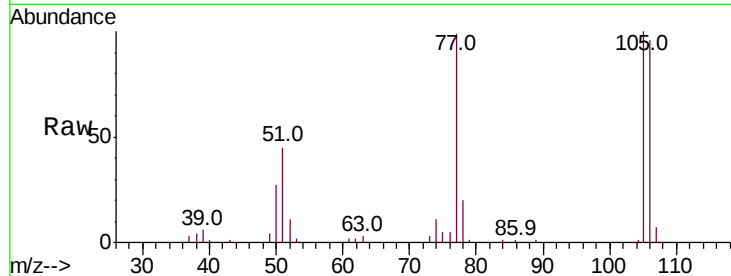
ClientSampleId :

PB113418BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.7	81.1	121.1		
106	97.1	74.5	114.5		

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#10

Phenol

Concen: 39.430 ng

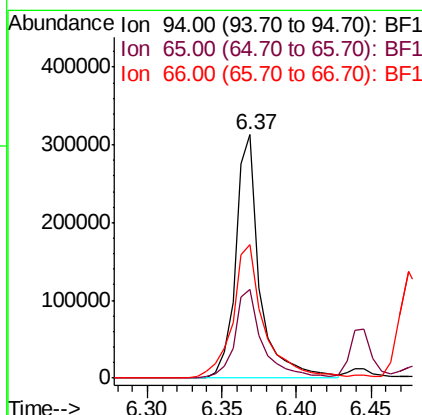
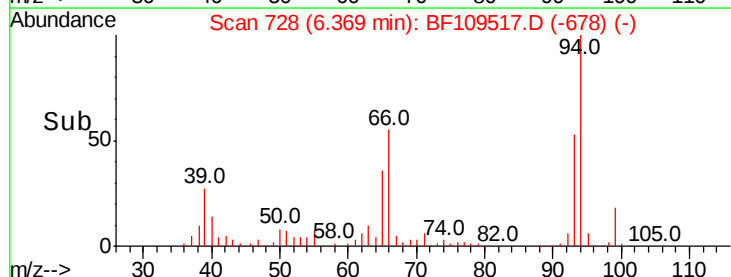
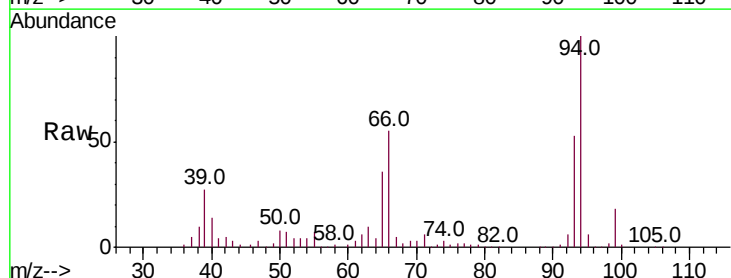
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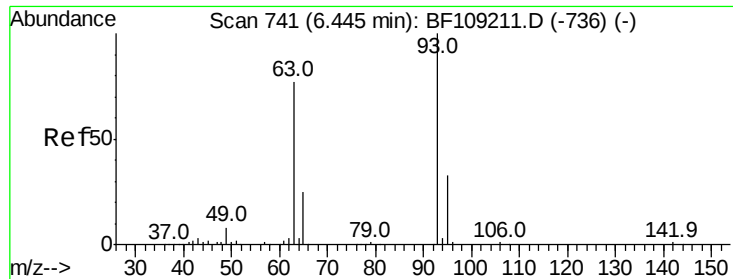
Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	36.5	7.9	47.9		
66	54.8	16.2	56.2		





#11

bis(2-Chloroethyl)ether

Concen: 37.114 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

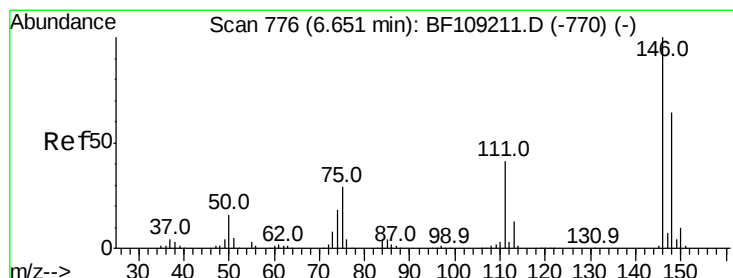
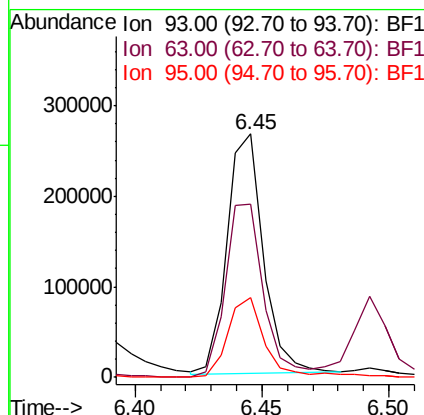
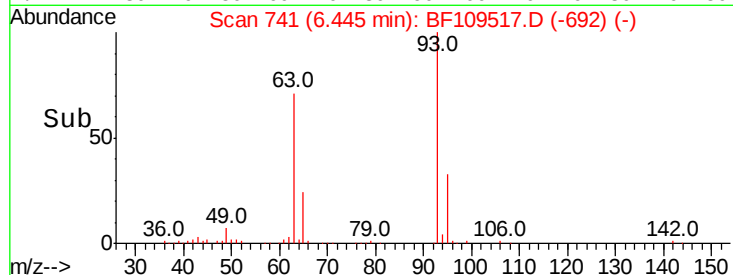
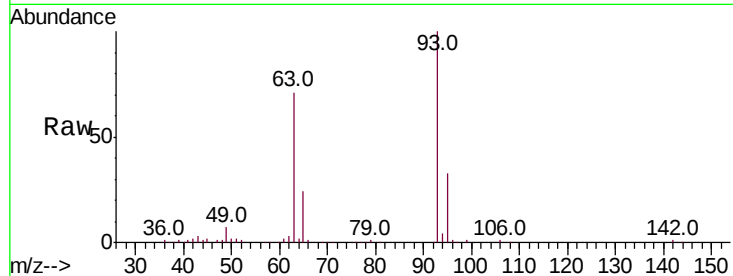
ClientSampleId :

PB113418BS

Tot Ion:	93	Resp:	261387
Ion Ratio	Lower	Upper	
93	100		
63	71.3	58.6	98.6
95	32.9	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.184 ng

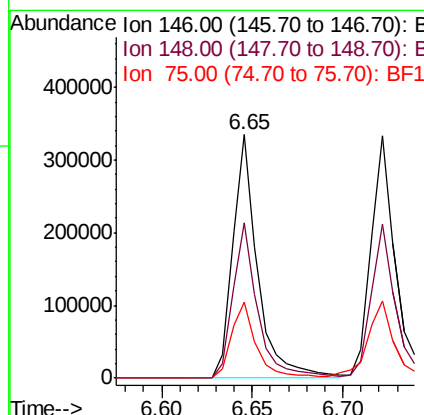
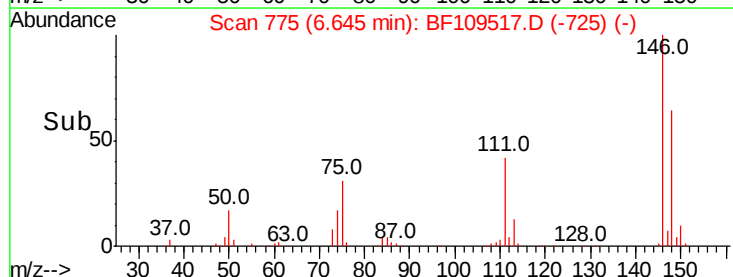
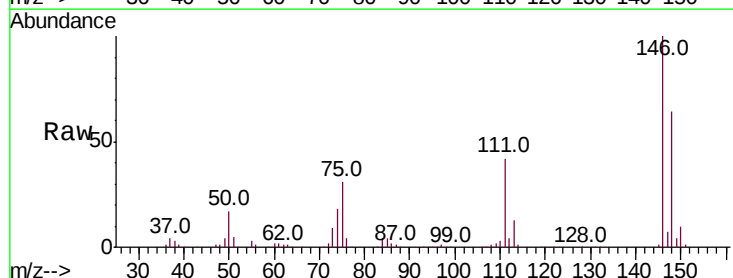
RT: 6.65 min Scan# 775

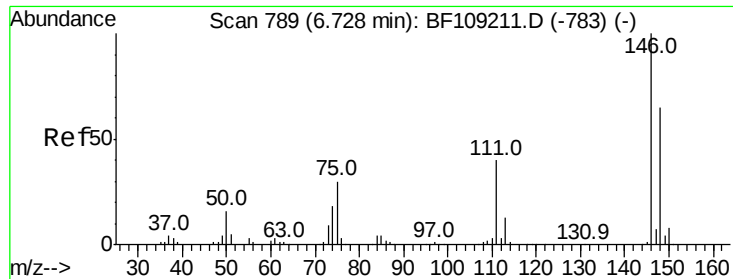
Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion:	146	Resp:	320449
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	31.4	24.2	36.4





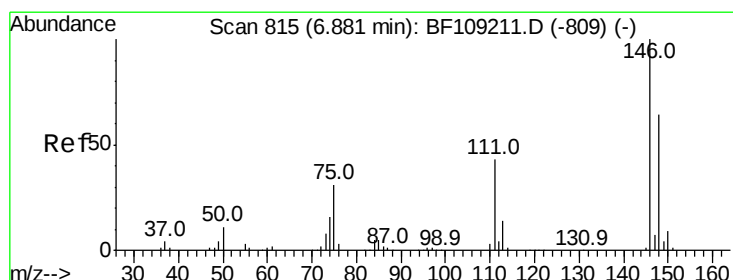
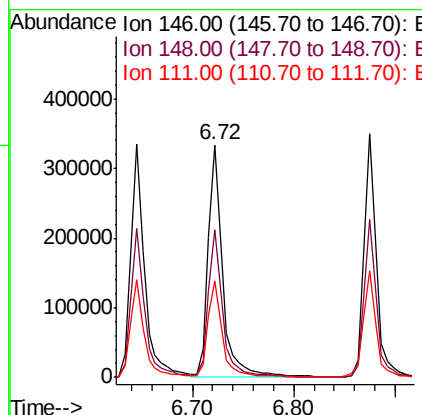
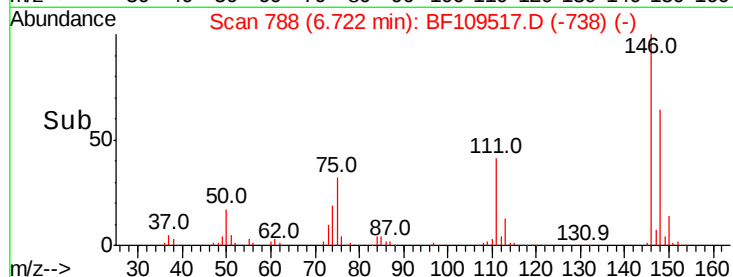
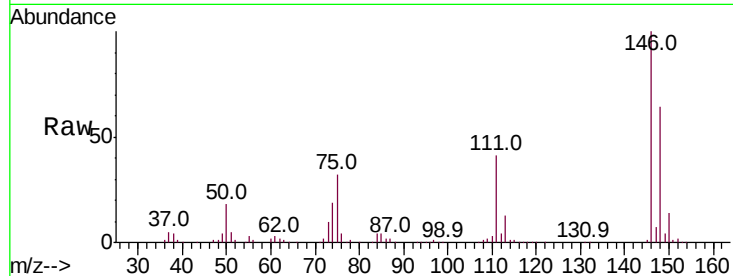
#13
 1,4-Dichlorobenzene
 Concen: 41.459 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	41.3	34.2	51.2

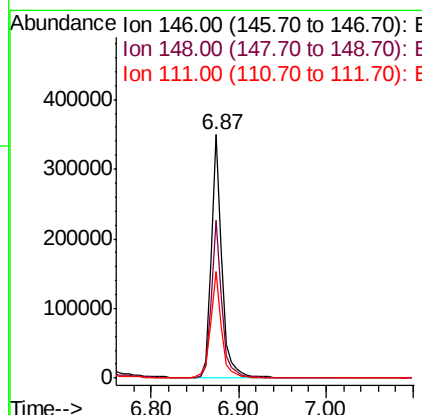
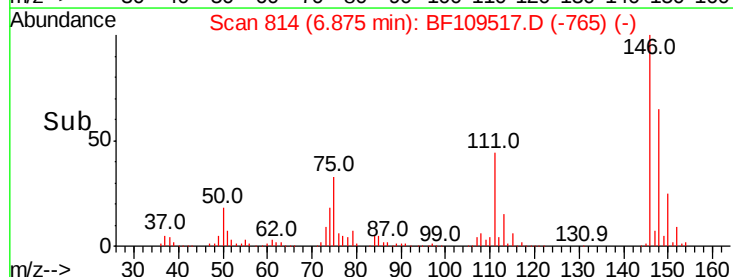
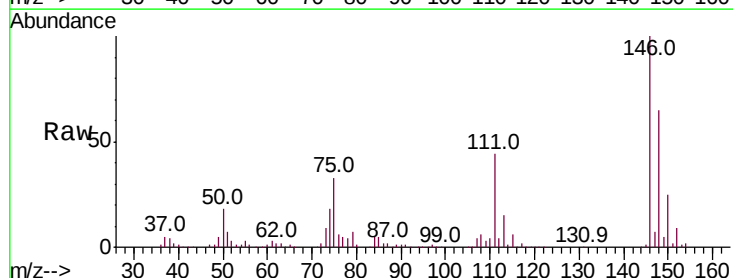
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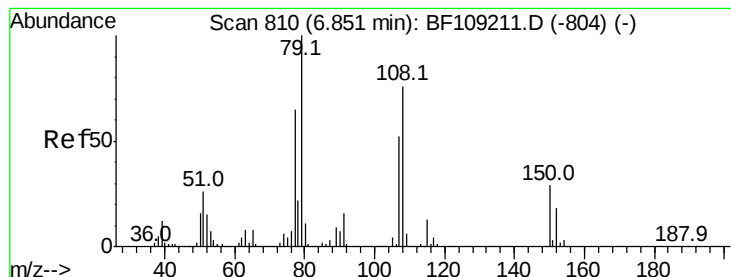
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#14
 1,2-Dichlorobenzene
 Concen: 40.285 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	43.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.599 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

ClientSampled :

PB113418BS

Tot Ion: 79 Resp: 246984

Ion Ratio Lower Upper

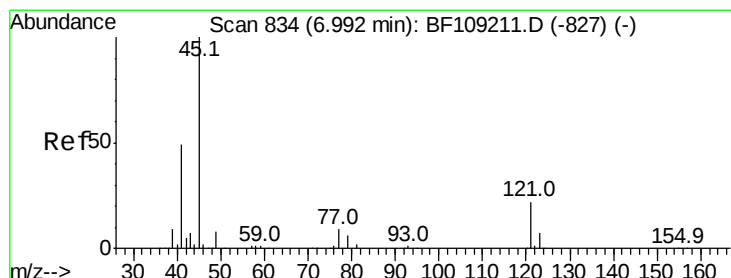
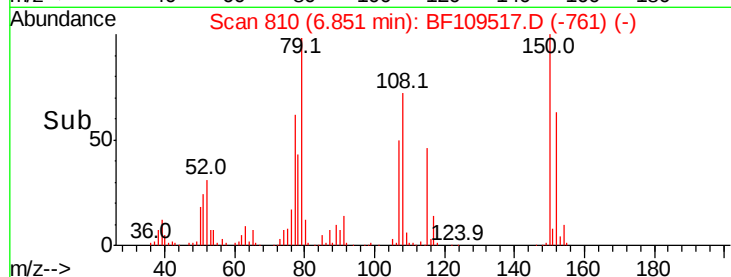
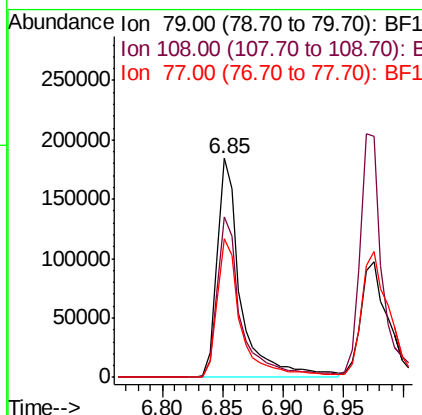
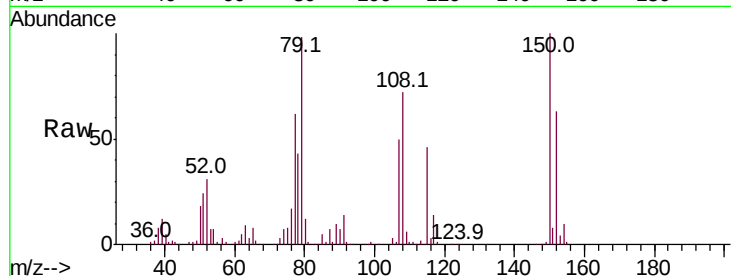
79 100

108 73.1 65.1 97.7

77 63.5 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.480 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

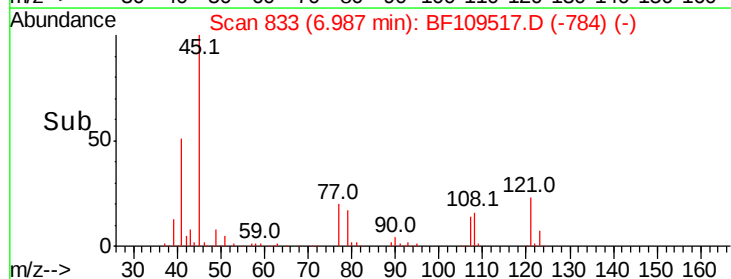
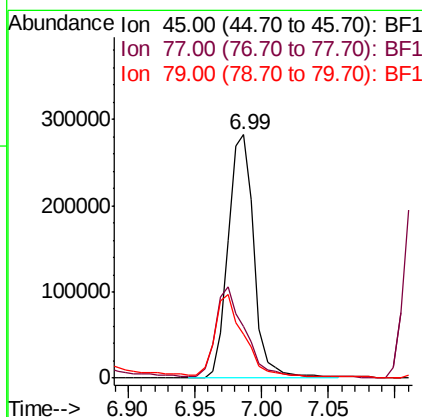
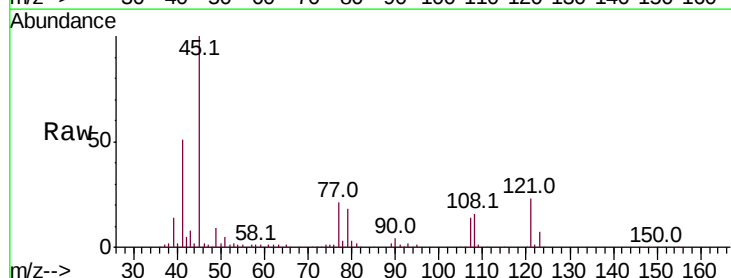
Tgt Ion: 45 Resp: 384409

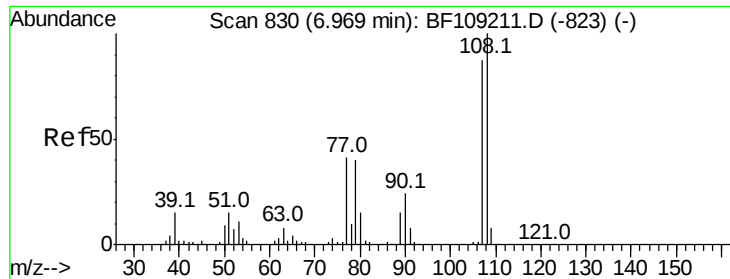
Ion Ratio Lower Upper

45 100

77 21.3 0.0 32.9

79 17.9 0.0 29.6





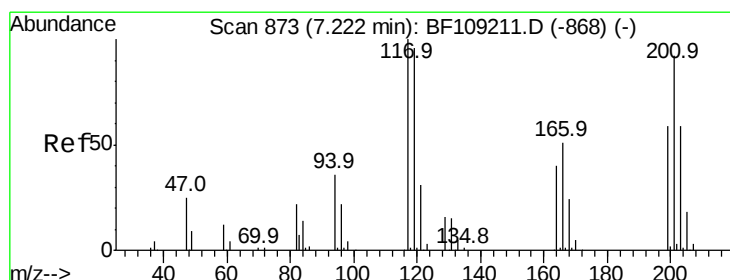
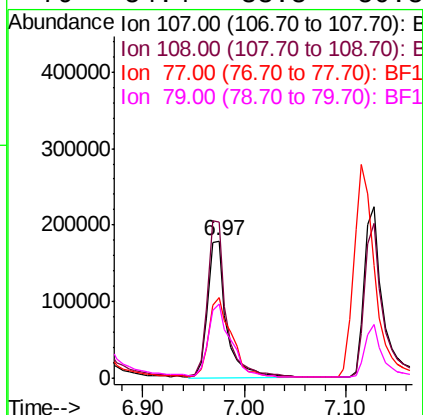
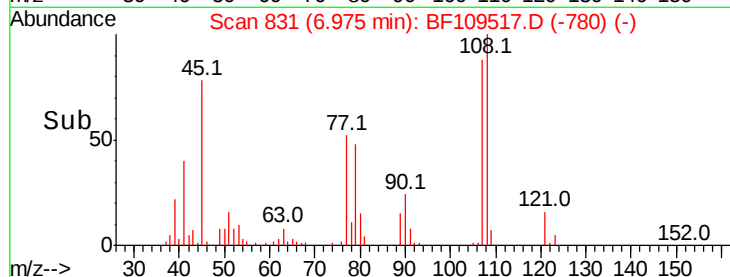
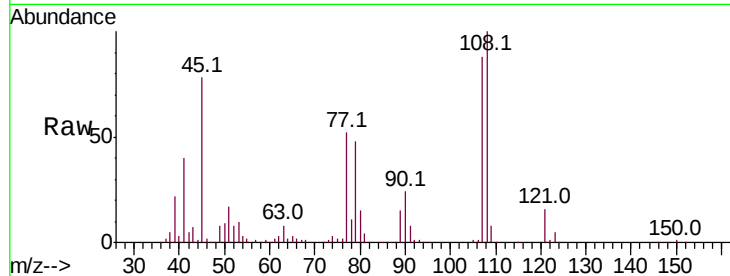
#17
2-Methylphenol
Concen: 42.088 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.7	137.5	
77	58.8	33.8	50.8#	
79	54.4	33.8	50.8#	

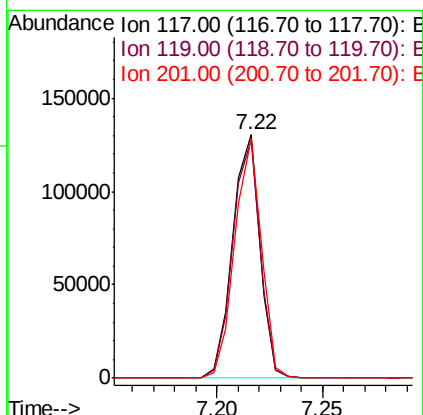
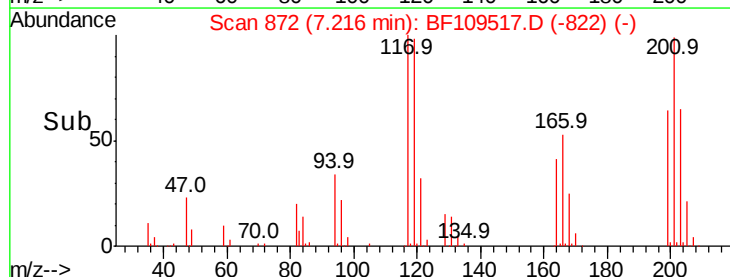
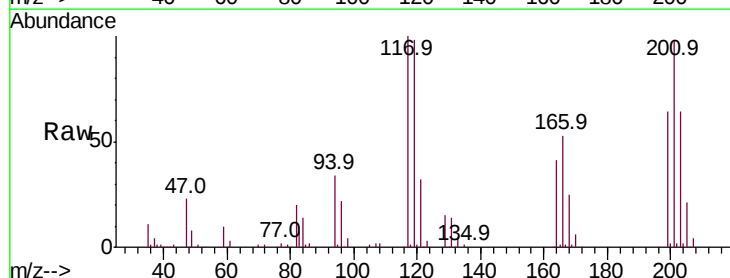
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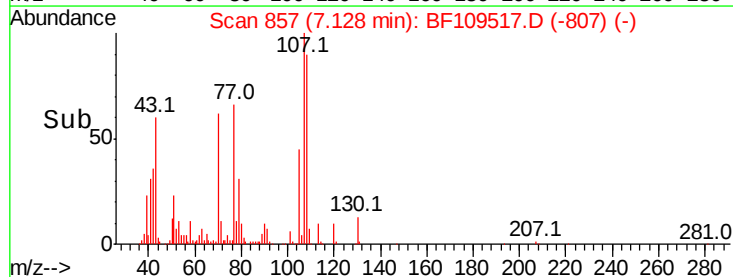
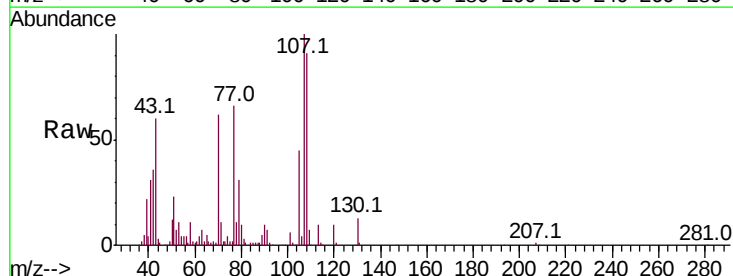
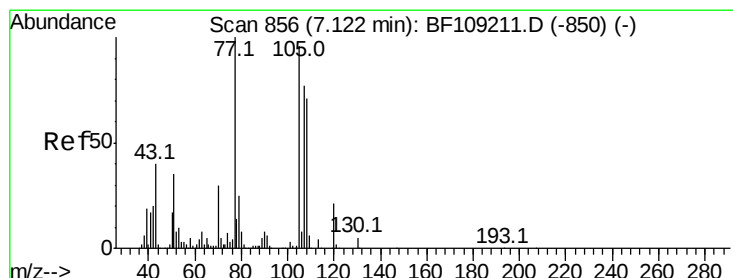
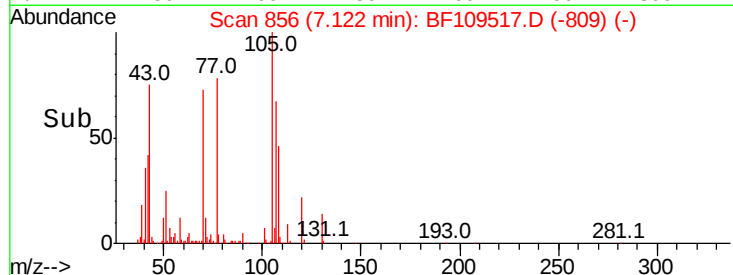
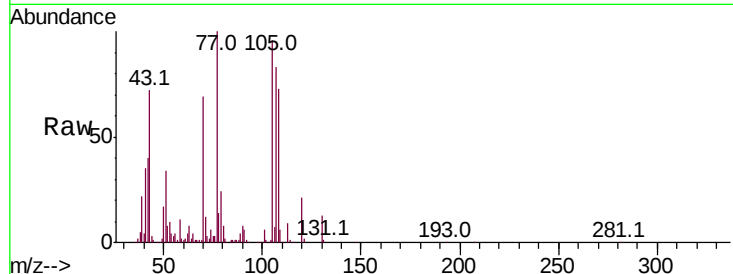
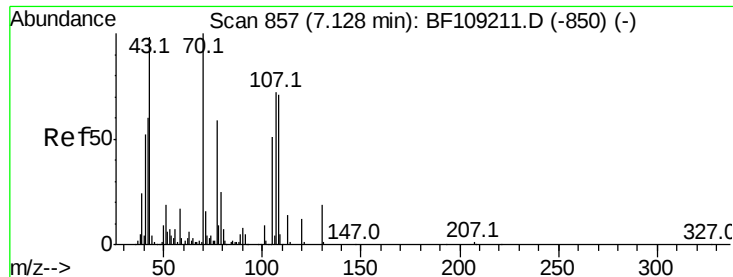
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#18
Hexachloroethane
Concen: 40.935 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	75.8	113.8	
201	98.4	75.7	113.5	





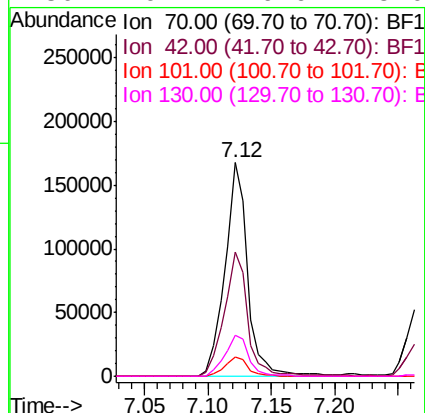
#19
n-Nitroso-di-n-propylamine
Concen: 40.060 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampled :
PB113418BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.0	47.5	71.3	
101	9.2	7.4	11.2	
130	19.1	16.6	25.0	

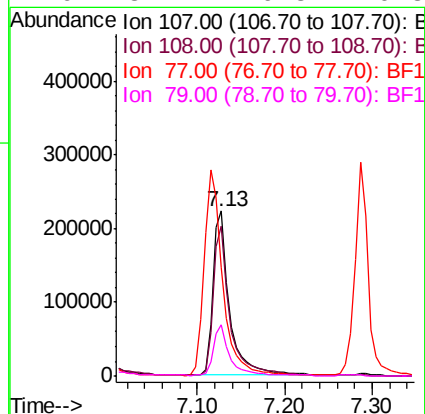
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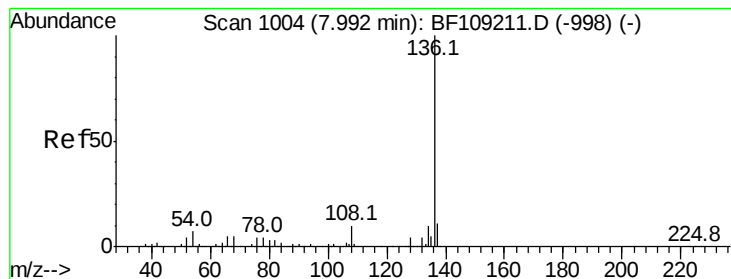
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#20
3+4-Methylphenols
Concen: 43.481 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	68.2	108.2	
77	66.1	26.7	66.7	
79	31.2	6.3	46.3	





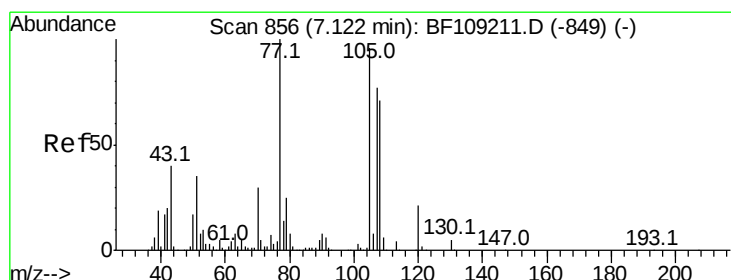
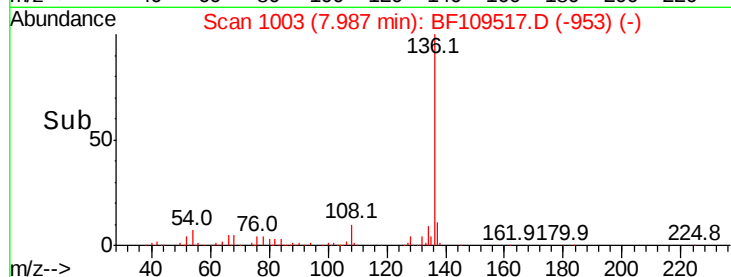
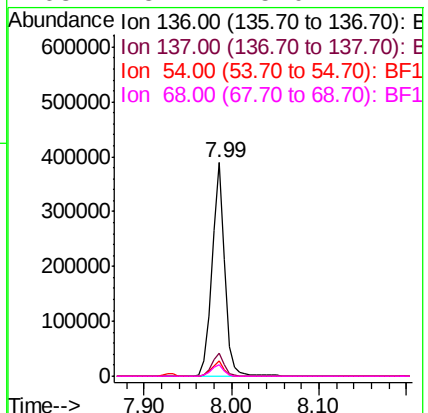
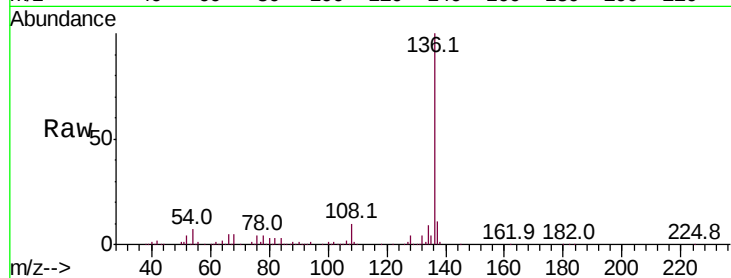
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.9	6.6	9.8	
68	5.2	5.0	7.4	

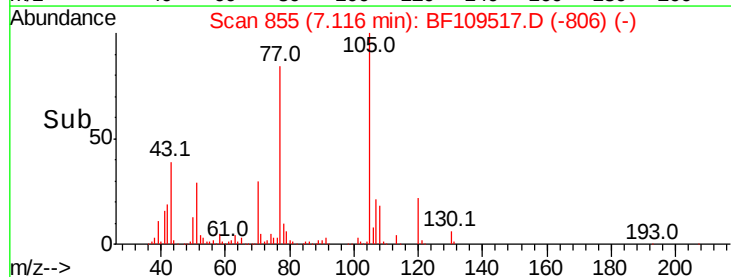
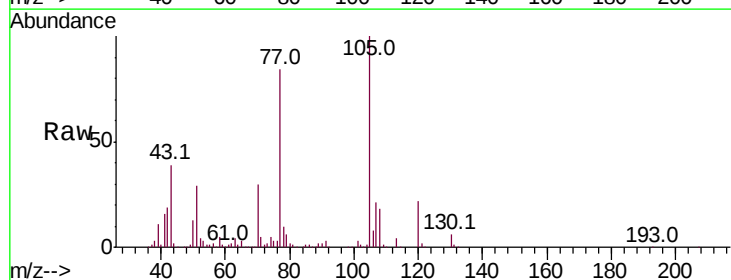
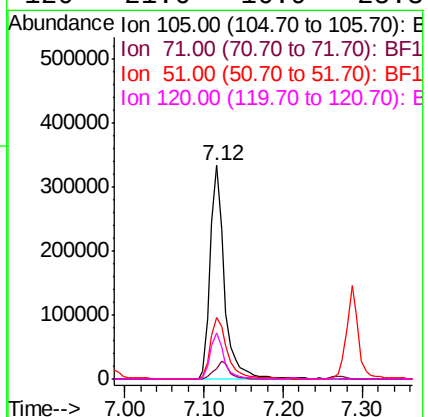
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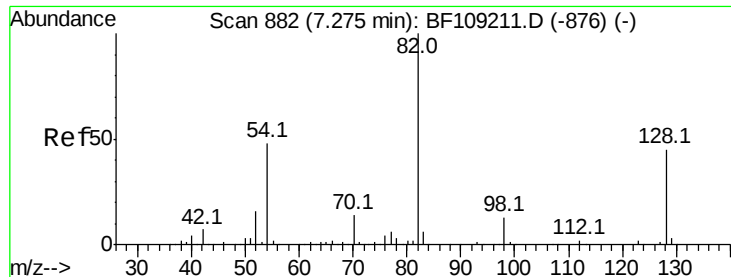
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#22
Acetophenone
Concen: 45.898 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.9	4.4	6.6	
51	29.0	22.3	33.5	
120	21.6	16.9	25.3	





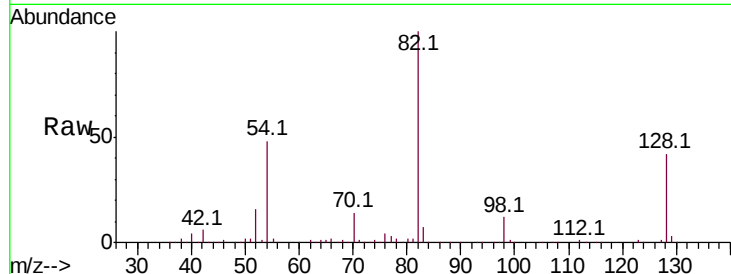
#23
Nitrobenzene-d5
Concen: 96.569 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

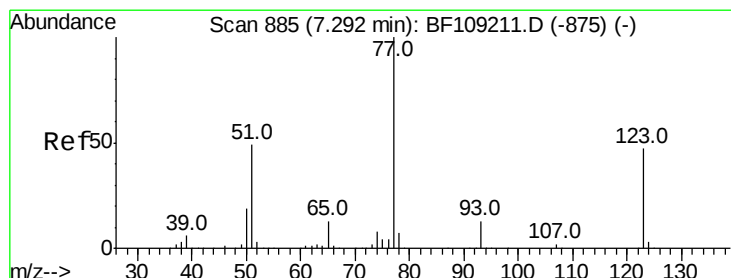
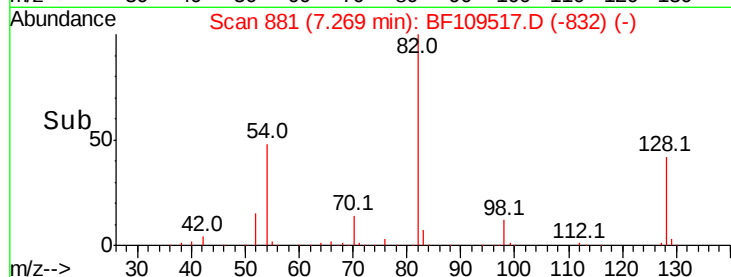
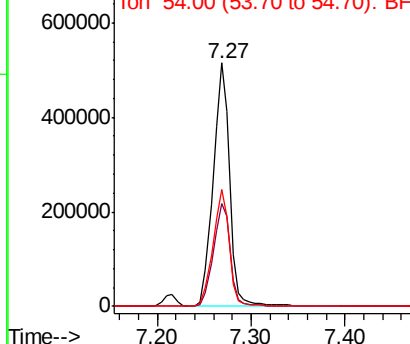
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.3	36.1	54.1	
54	48.2	41.4	62.2	

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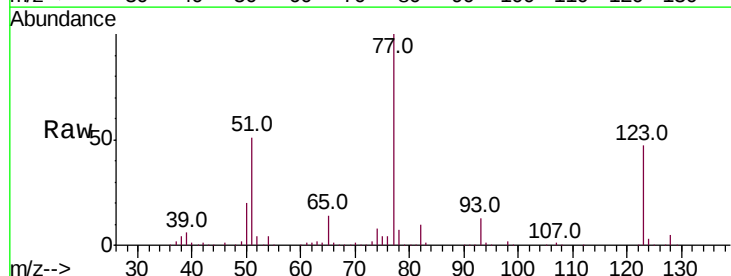


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

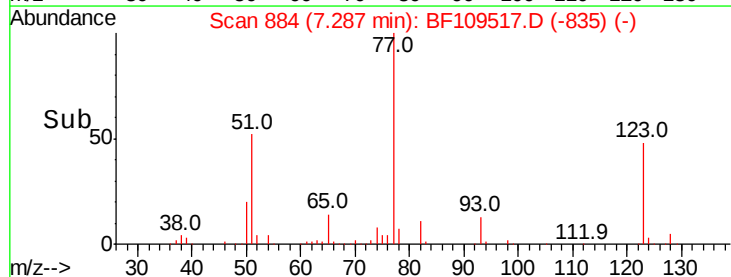
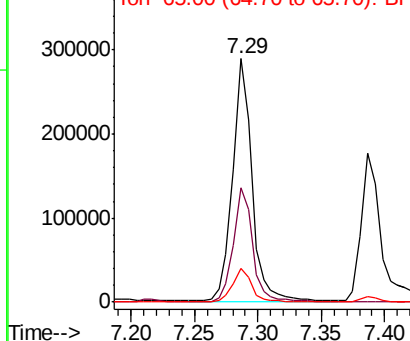


#24
Nitrobenzene
Concen: 43.444 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.8	37.9	56.9	
65	13.9	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: 48.020 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

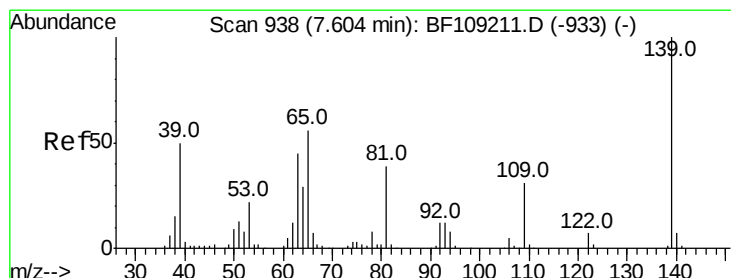
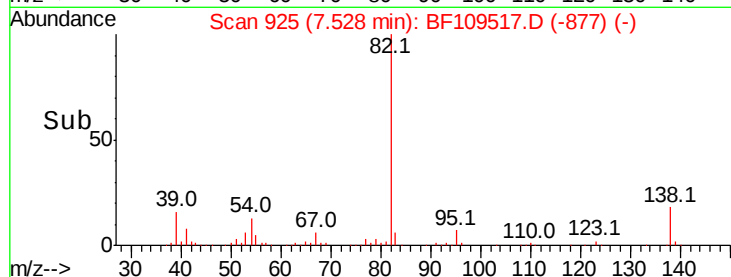
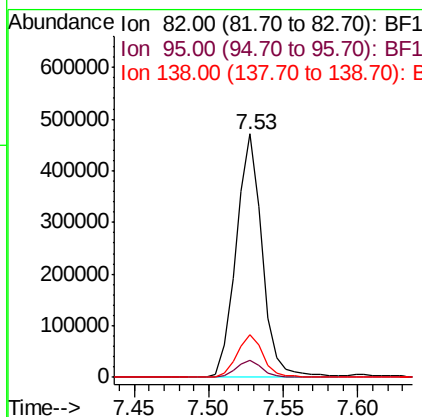
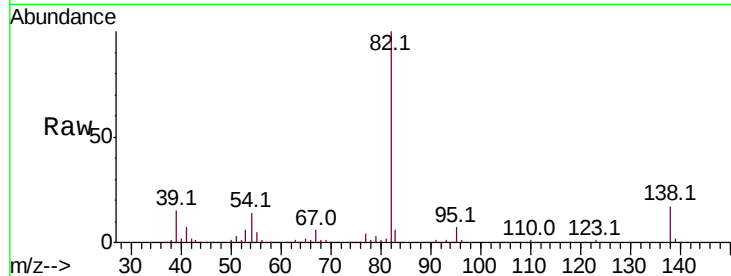
ClientSampleId :

PB113418BS

Tot Ion:	82	Resp:	572745
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 53.575 ng

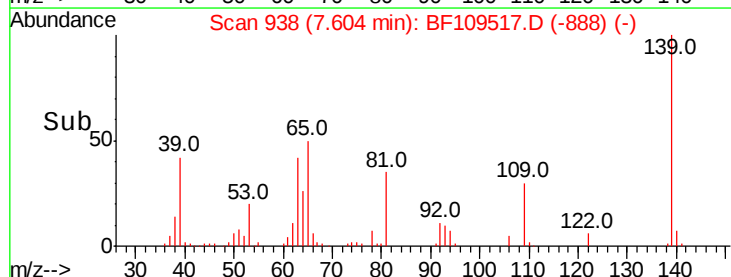
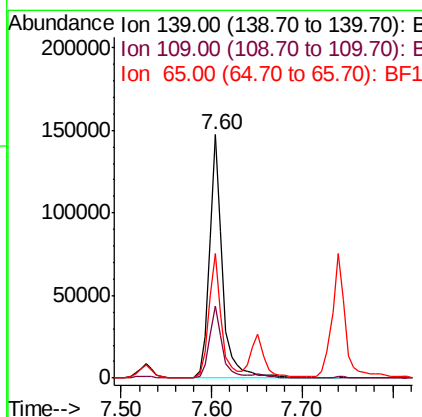
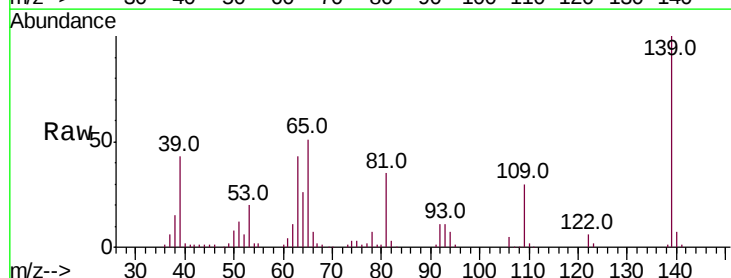
RT: 7.60 min Scan# 938

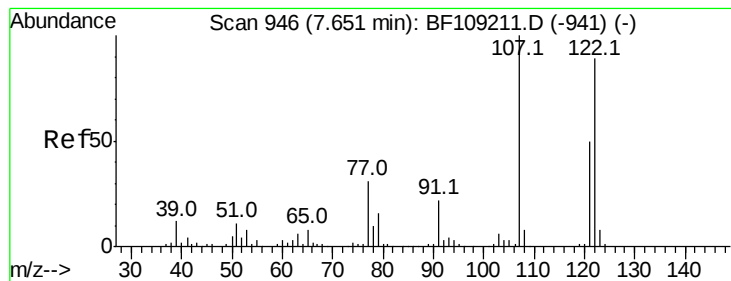
Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion:	139	Resp:	149213
Ion Ratio	Lower	Upper	
139	100		
109	29.8	22.7	34.1
65	50.9	40.5	60.7





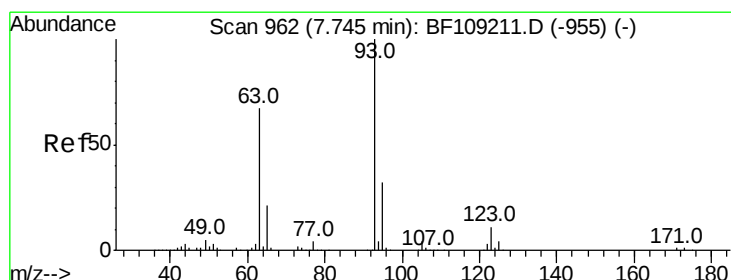
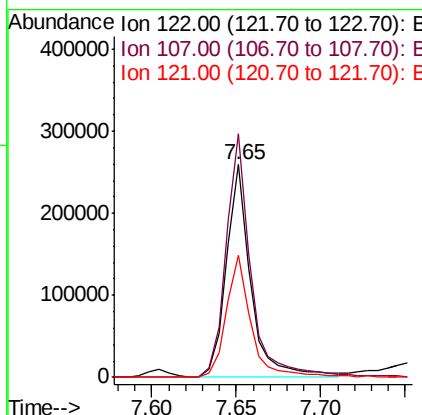
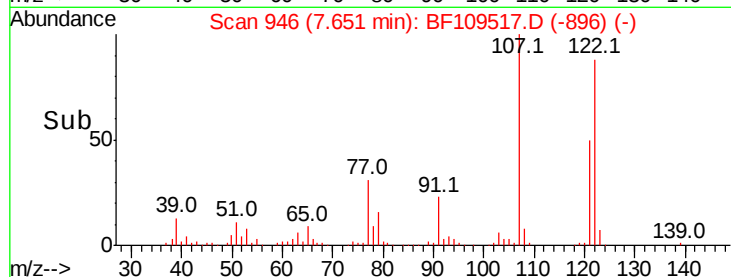
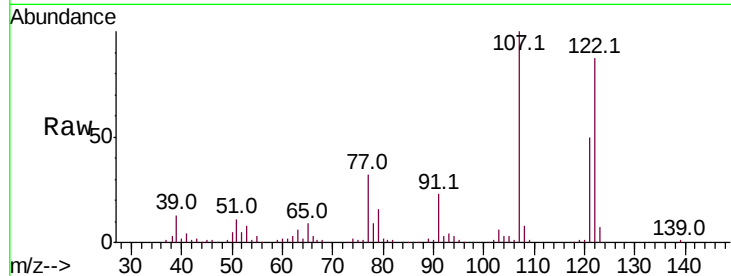
#27
2,4-Dimethylphenol
Concen: 50.205 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	260917		
107	114.4	91.2	136.8	
121	57.6	47.2	70.8	

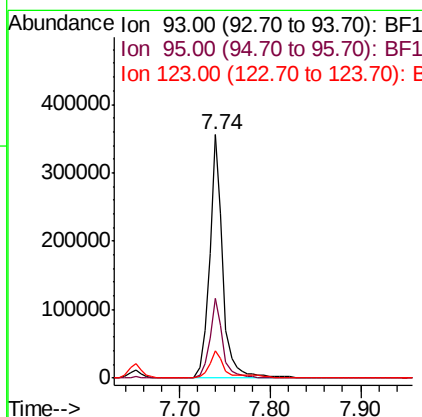
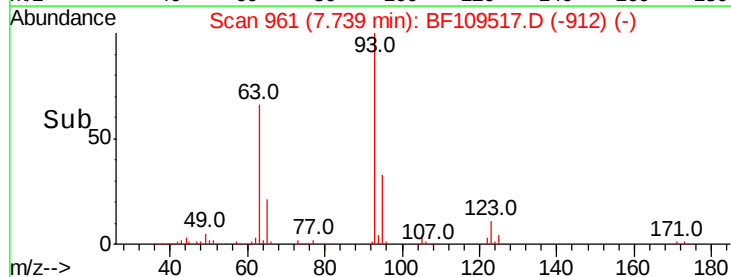
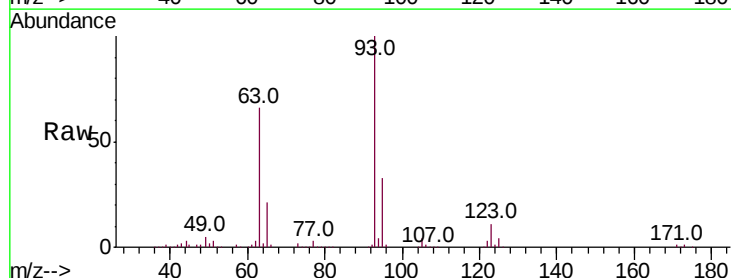
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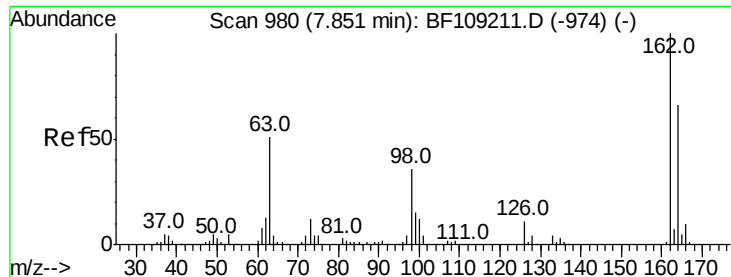
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.864 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	362115		
95	33.0	26.3	39.5	
123	11.0	9.8	14.6	





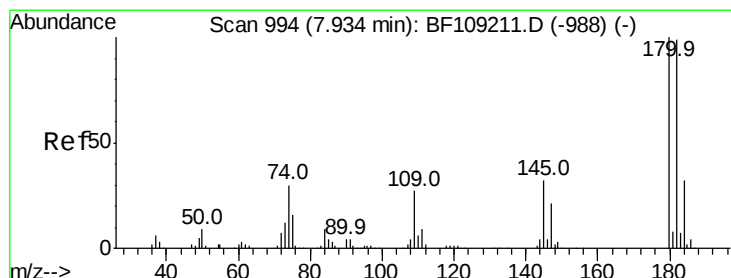
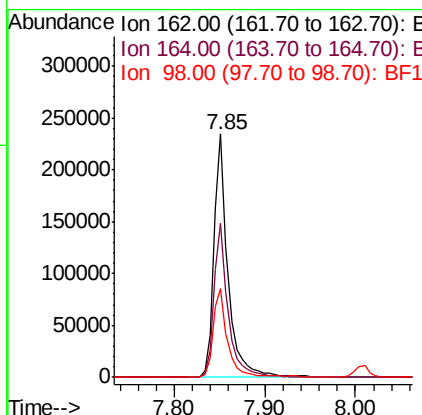
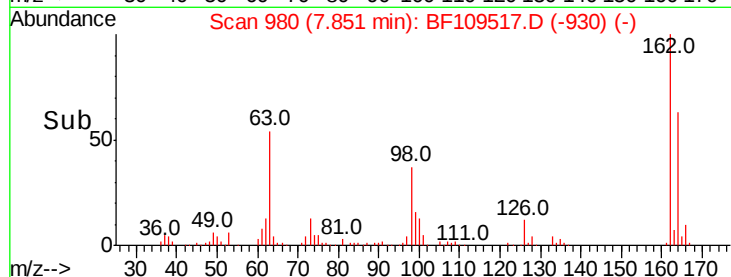
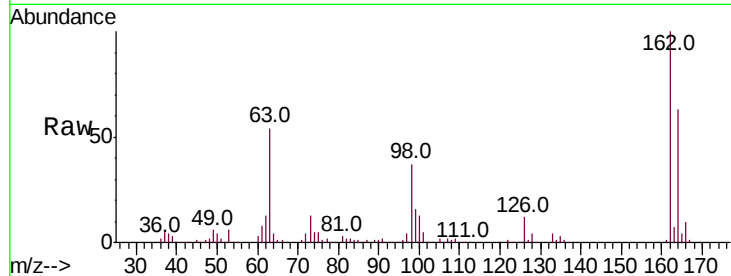
#29
2,4-Dichlorophenol
Concen: 46.565 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	254261		
164	63.4	42.7	82.7	
98	36.6	18.1	58.1	

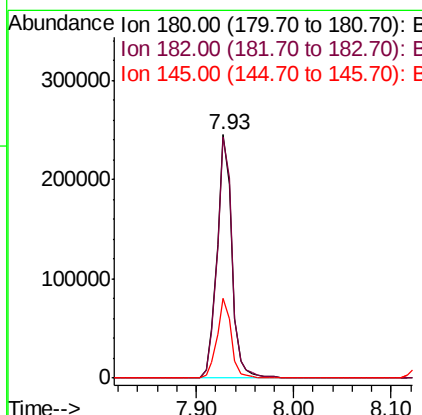
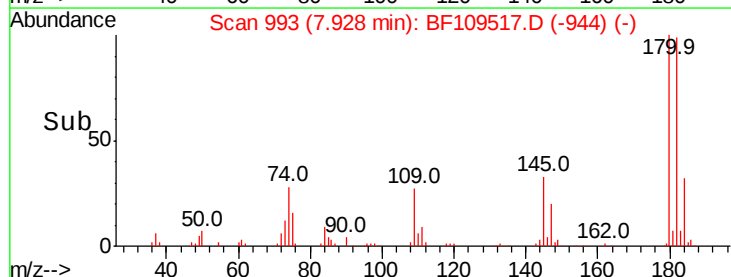
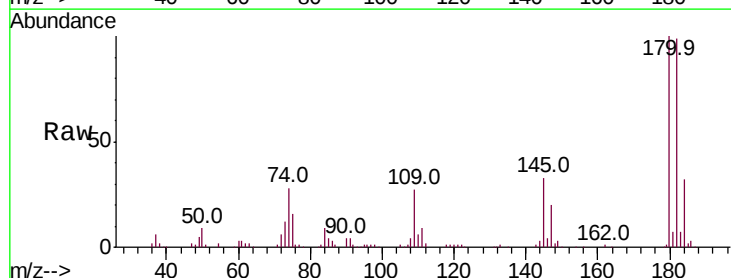
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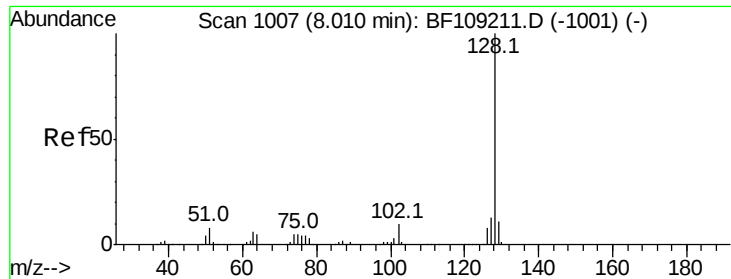
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.612 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	259994		
182	98.9	76.8	115.2	
145	32.8	26.5	39.7	





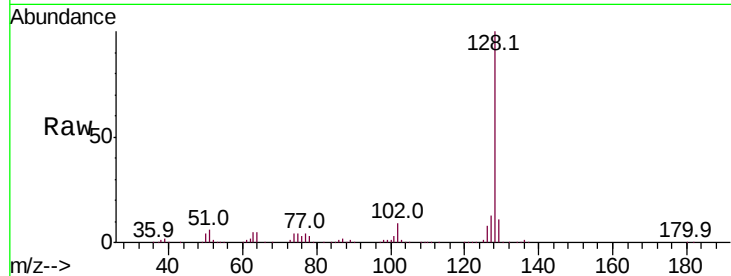
#31
Naphthalene
Concen: 45.479 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	13.2	10.9	16.3	

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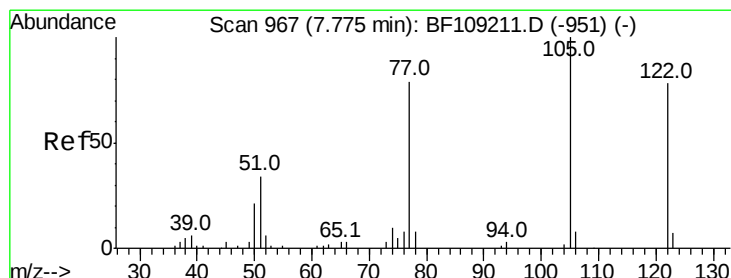
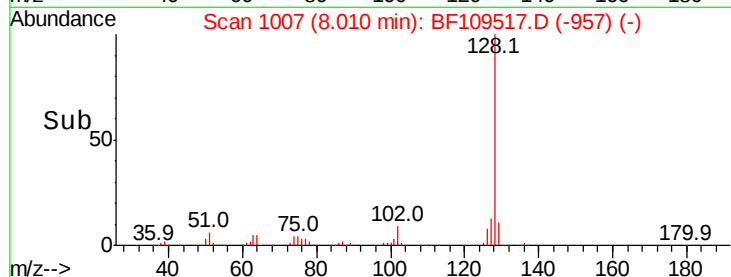
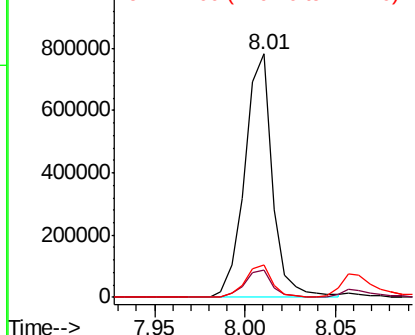


Abundance

Ion 128.00 (127.70 to 128.70): E

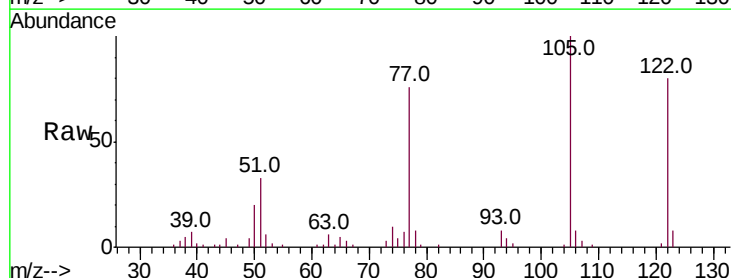
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.725 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.3	101.1	141.1	
77	95.8	70.7	110.7	

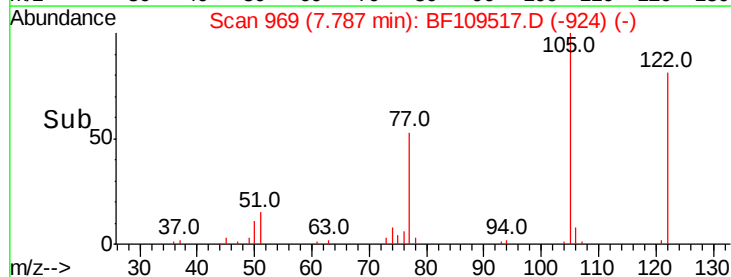
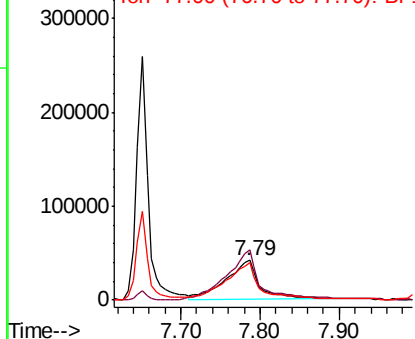


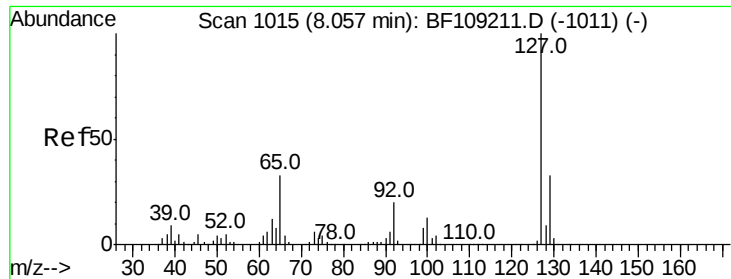
Abundance

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





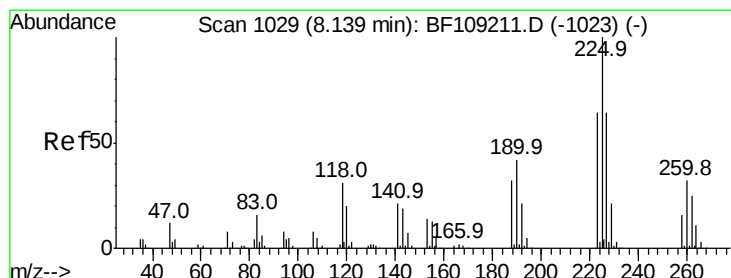
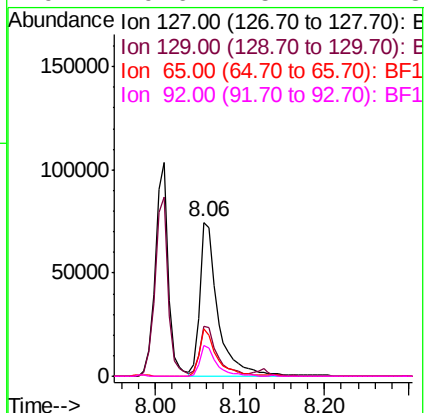
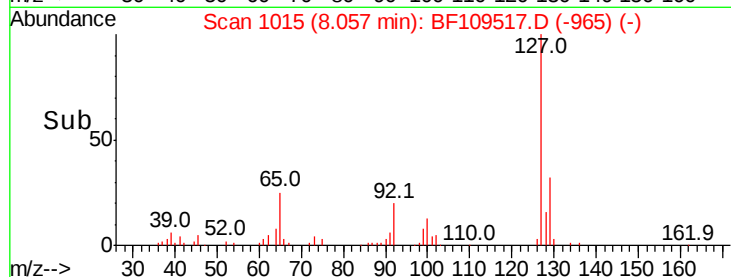
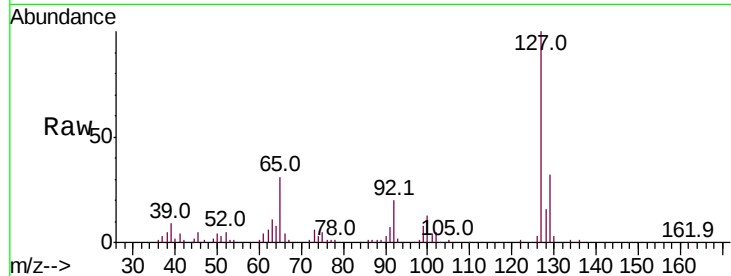
#33
4-Chloroaniline
Concen: 13.987 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	30.7	25.0	37.4	
92	19.6	15.2	22.8	

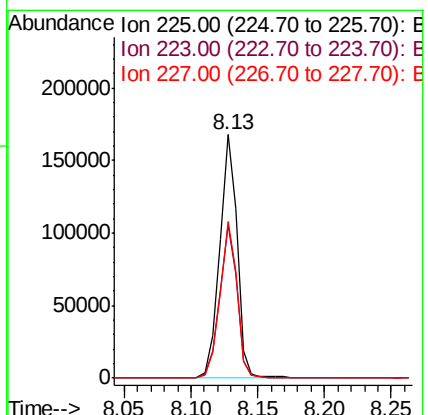
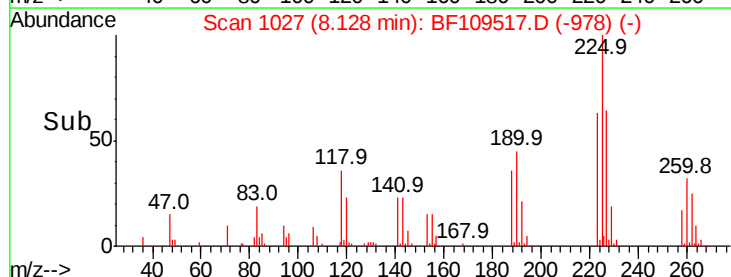
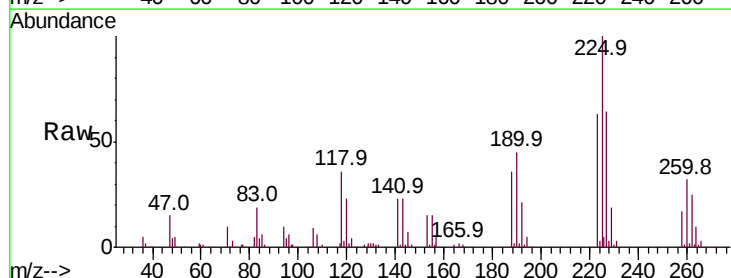
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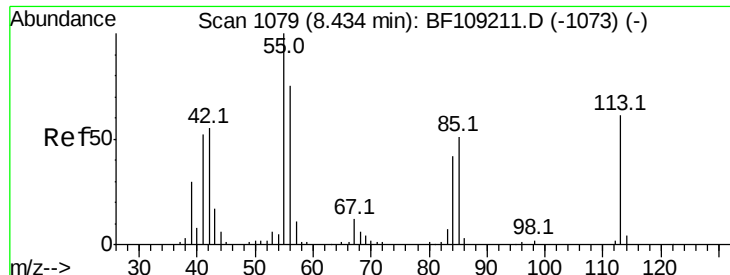
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#34
Hexachlorobutadiene
Concen: 42.321 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.6	76.0	
227	64.5	51.9	77.9	





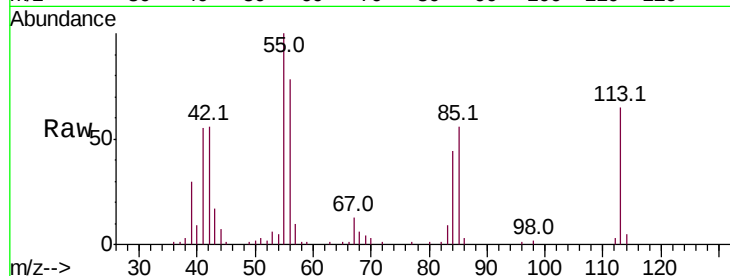
#35
 Caprolactam
 Concen: 43.607 ng/ml
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleID :
 PB113418BS

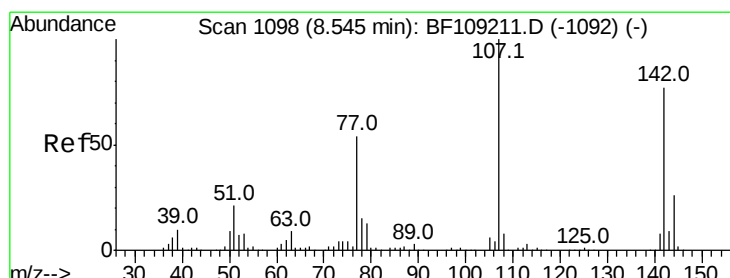
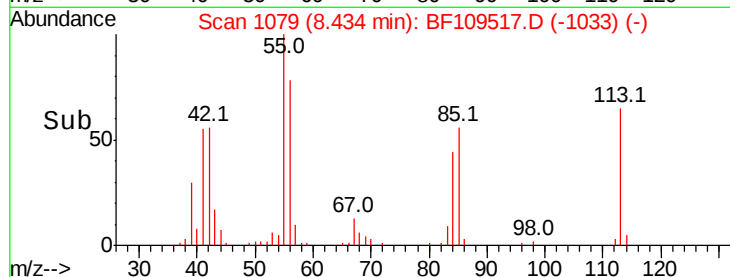
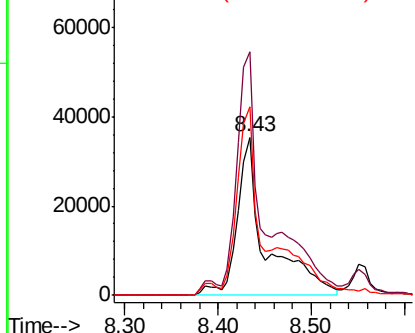
Tot Ion	Ratio	Lower	Upper
113	100		
55	154.2	163.3	203.3#
56	119.6	115.7	155.7

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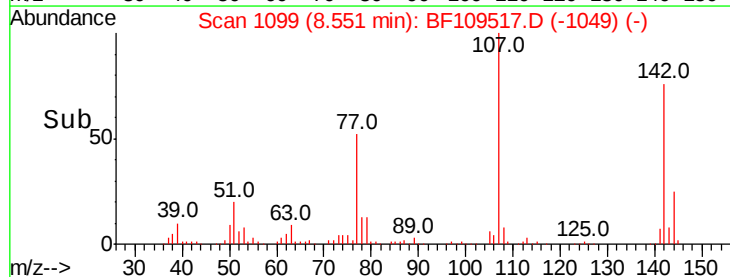
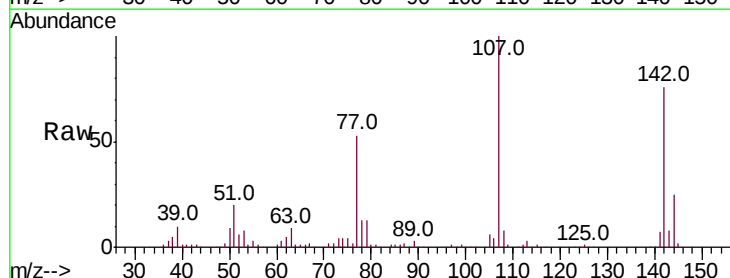
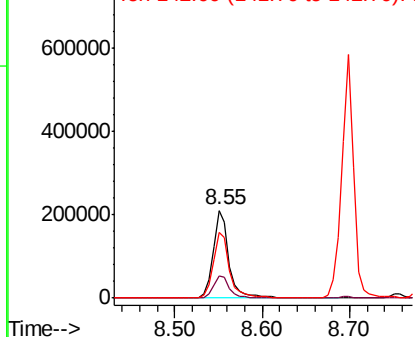
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

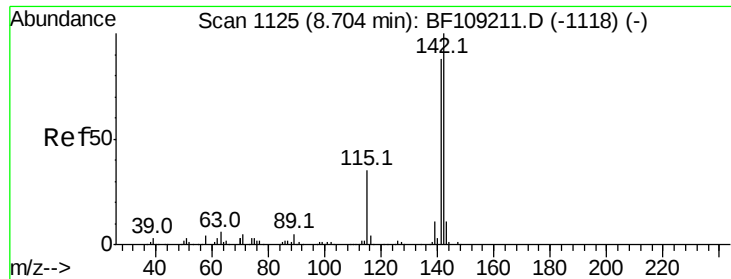


#36
 4-Chloro-3-methylphenol
 Concen: 46.076 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	75.6	62.0	93.0

Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.491 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109517.D

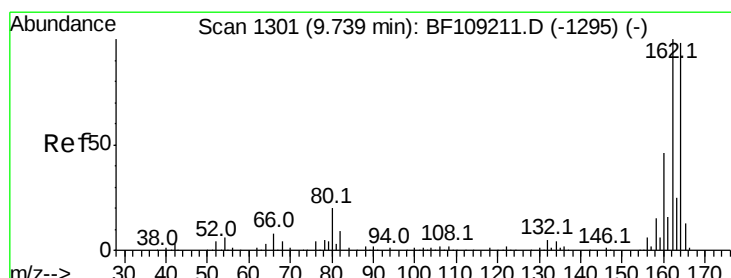
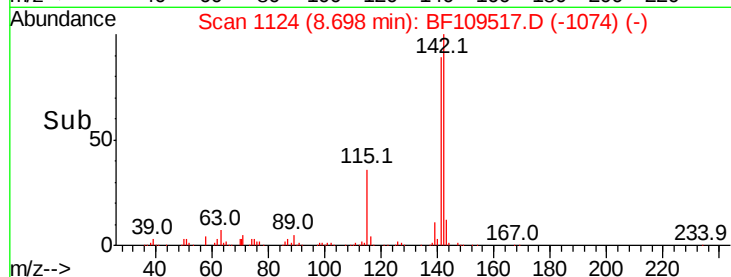
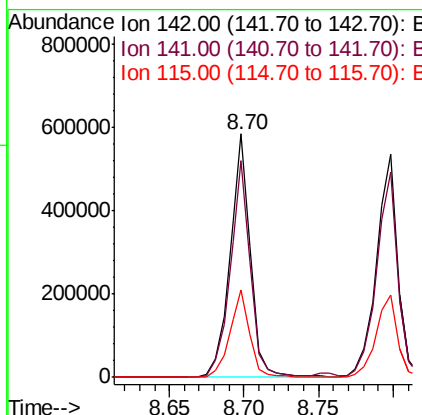
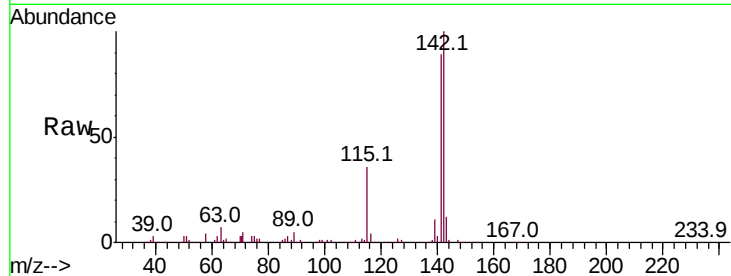
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	559376		
141	89.1	70.8	106.2	
115	35.9	26.1	39.1	

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#38

Acenaphthene-d10

Concen: 20.000 ng

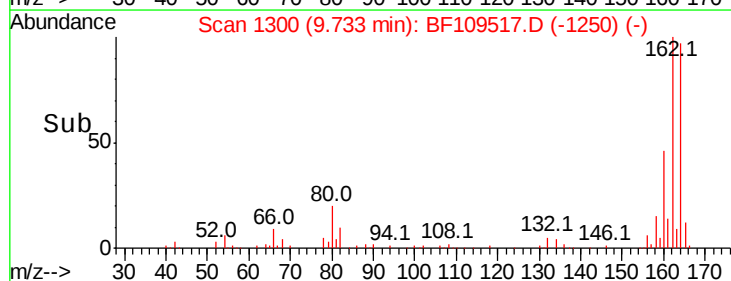
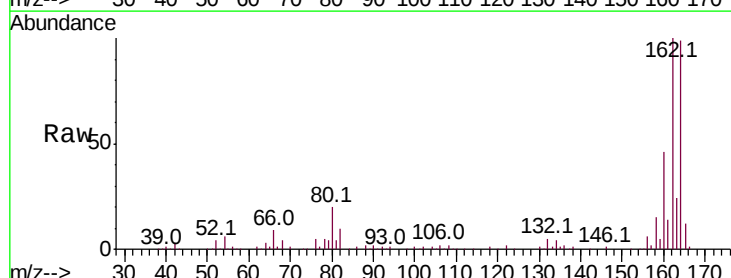
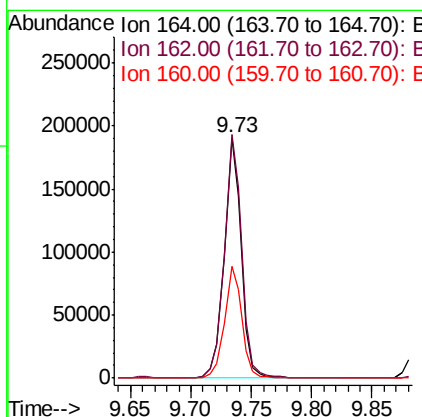
RT: 9.73 min Scan# 1300

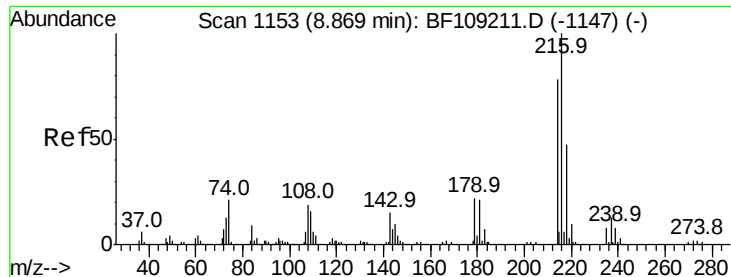
Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	184678		
162	101.4	86.1	129.1	
160	46.5	38.3	57.5	





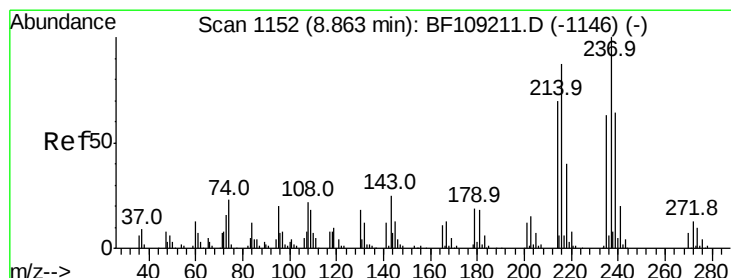
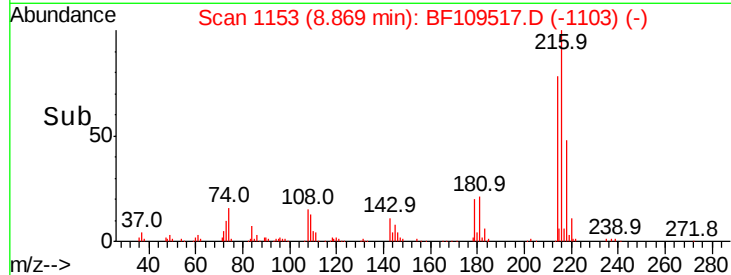
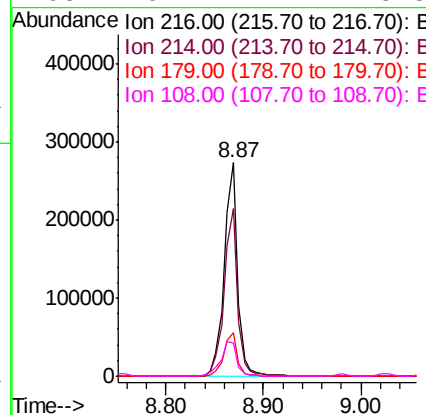
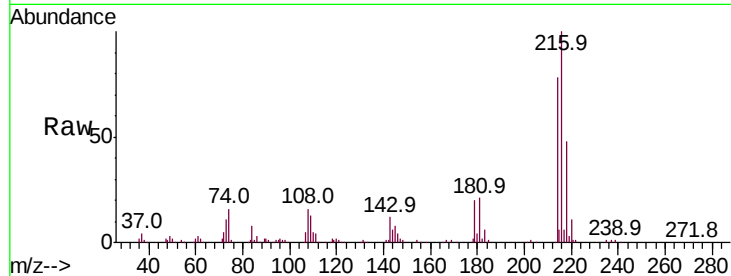
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.416 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	261053		
214	78.7	63.0	94.4	
179	20.7	18.1	27.1	
108	19.7	17.2	25.8	

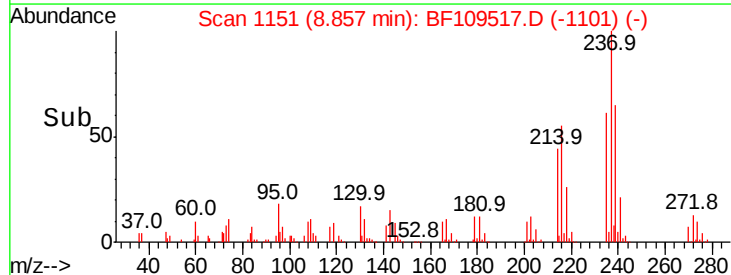
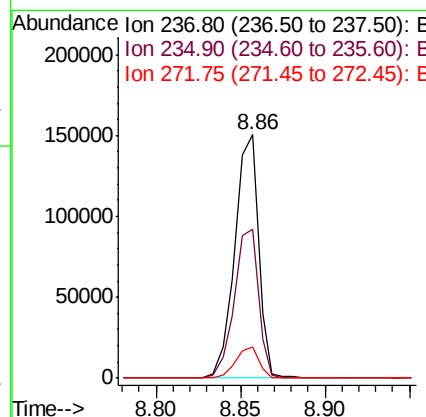
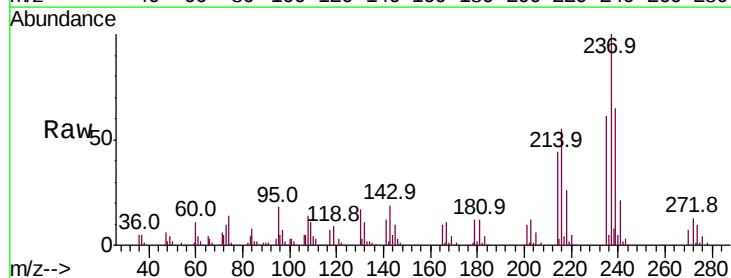
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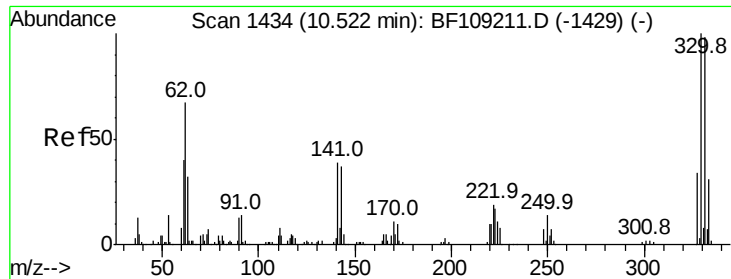
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#40
 Hexachlorocyclopentadiene
 Concen: 57.330 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	146969		
235	61.0	44.8	84.8	
272	12.8	0.0	33.3	





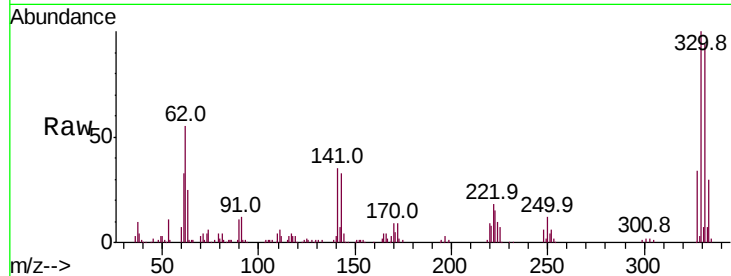
#41
 2,4,6-Tribromophenol
 Concen: 97.117 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	176805		
332	94.0	77.0	115.6	
141	33.0	29.9	44.9	

Manual Integrations
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 10/3/2018 9:31:06 AM

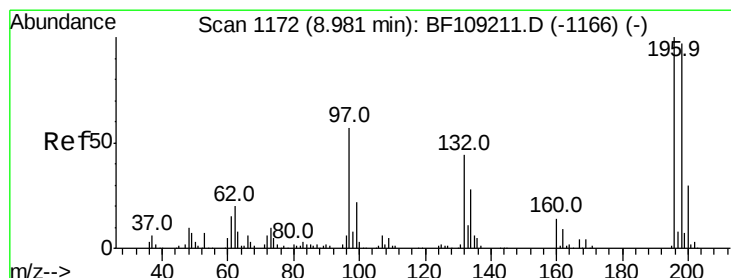
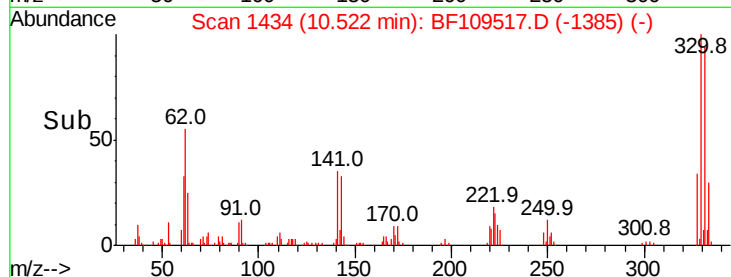
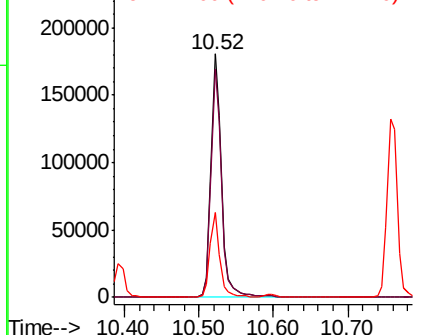


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.561 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

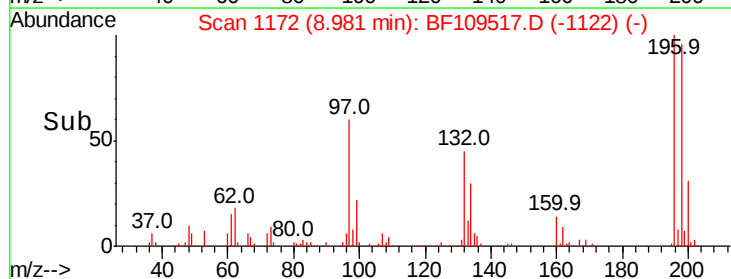
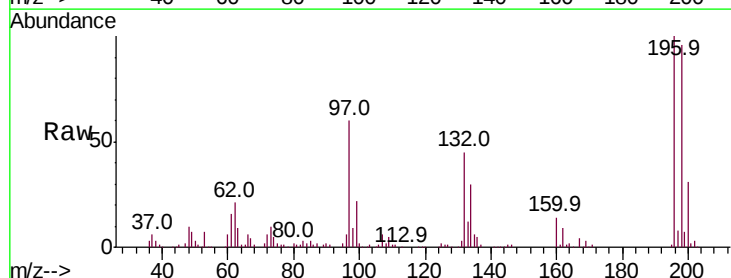
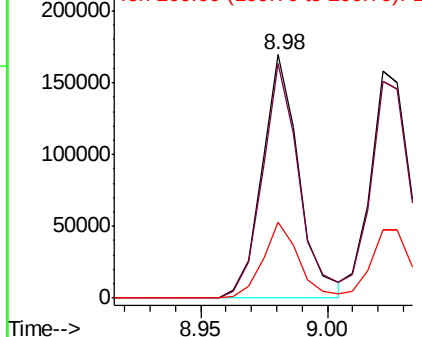
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171863		
198	96.2	75.7	113.5	
200	31.1	24.5	36.7	

Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





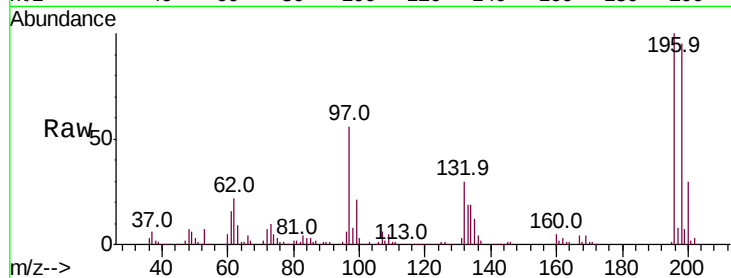
#43
 2,4,5-Trichlorophenol
 Concen: 46.840 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion:	196	Resp:	186607
Ion Ratio	Lower	Upper	
196	100		
198	95.2	74.6	112.0
97	55.8	42.9	64.3
132	30.1	26.3	39.5

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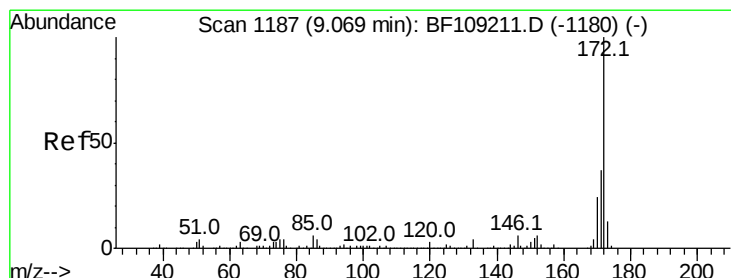
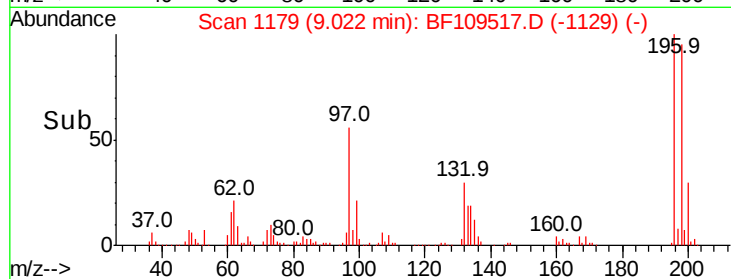
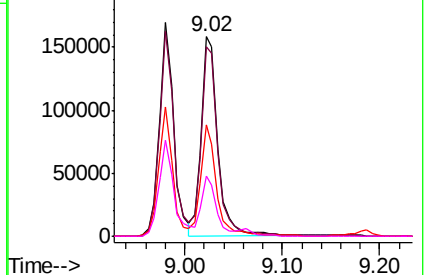
Abundance

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: 95.585 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

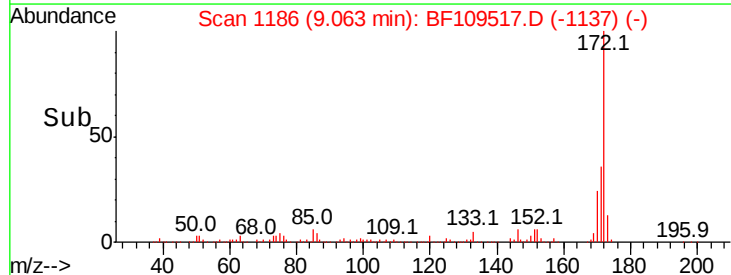
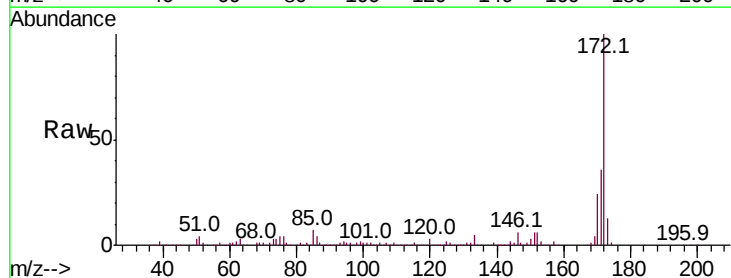
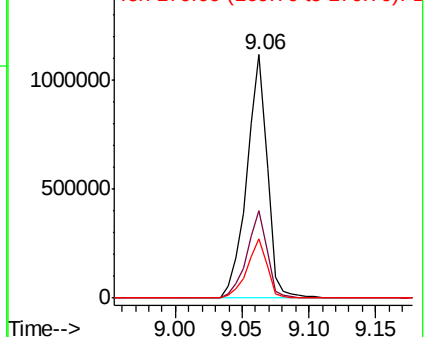
Tgt Ion:	172	Resp:	1170436
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

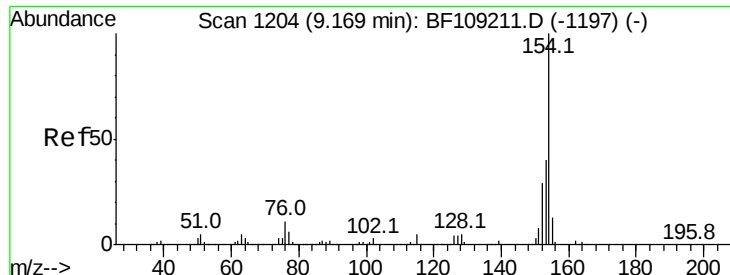
Abundance

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





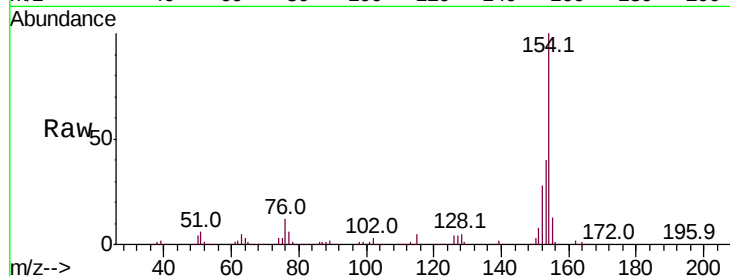
#45
1,1'-Biphenyl
Concen: 45.078 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.1	21.3	61.3	
76	12.0	0.0	34.0	

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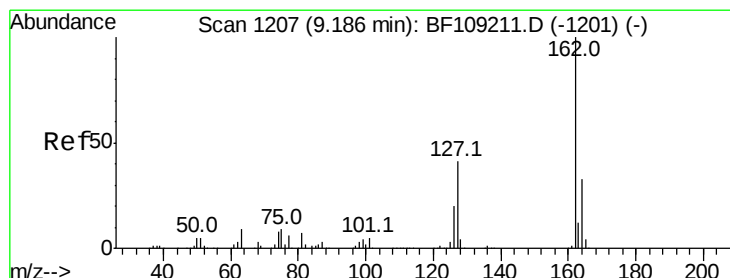
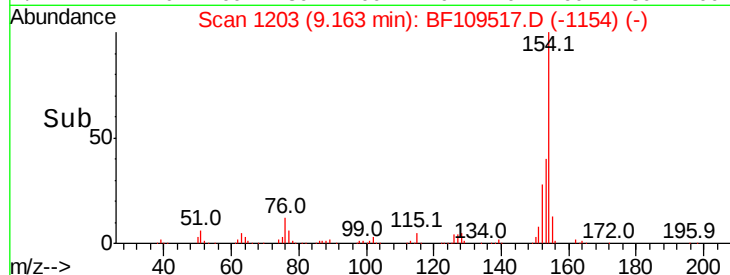
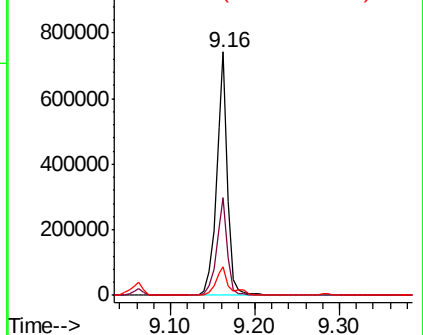


Abundance

Ion 154.00 (153.70 to 154.70): E

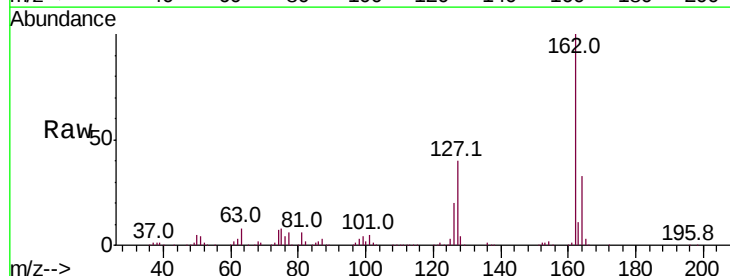
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 42.945 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.1	33.9	50.9	
164	32.9	26.5	39.7	

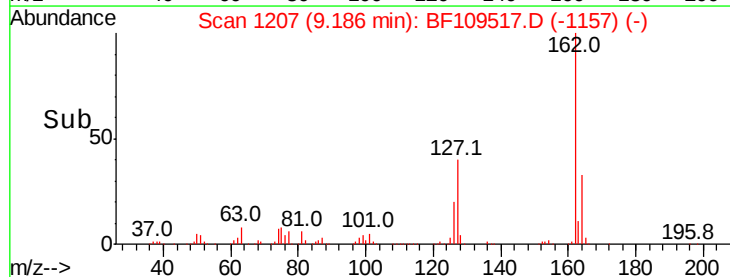
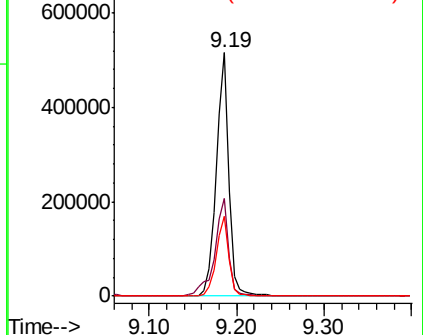


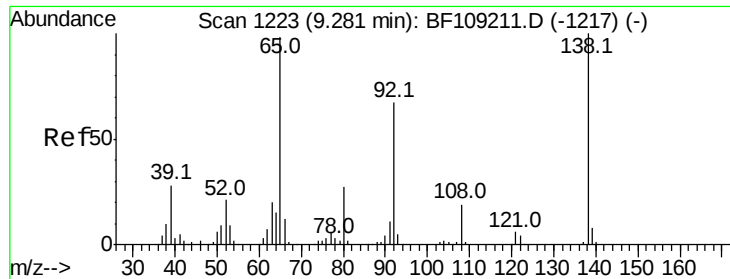
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





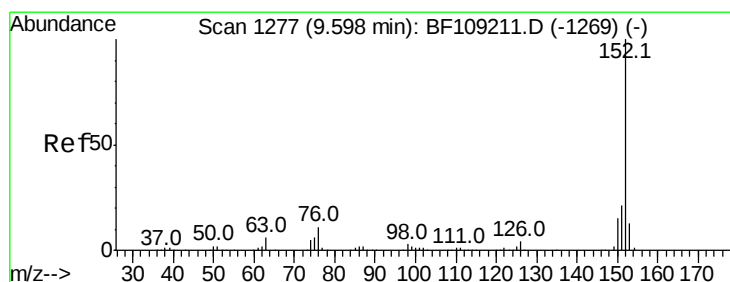
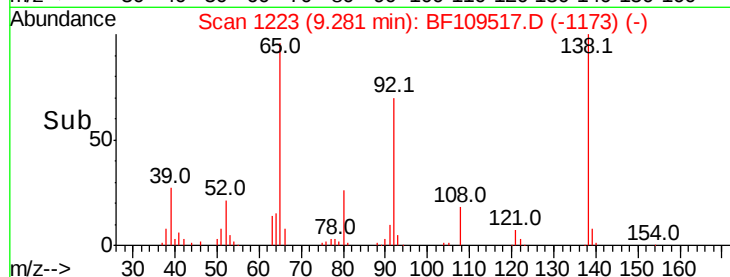
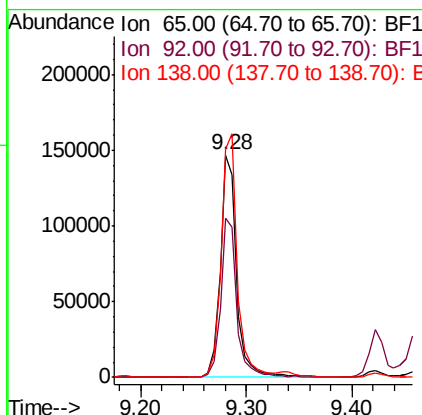
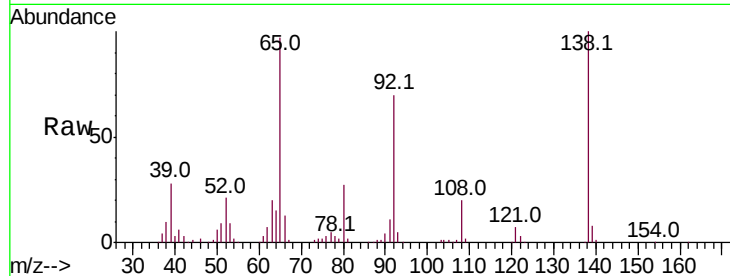
#47
2-Nitroaniline
Concen: 46.944 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.8	83.6
138	102.8	91.2	136.8

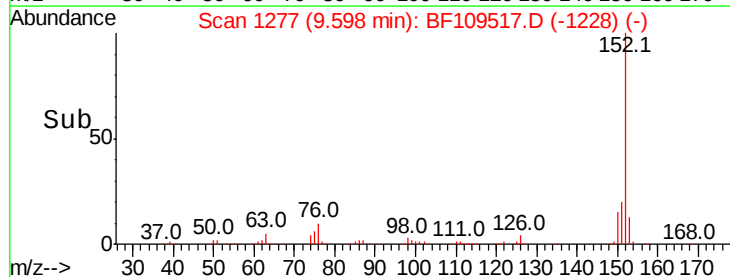
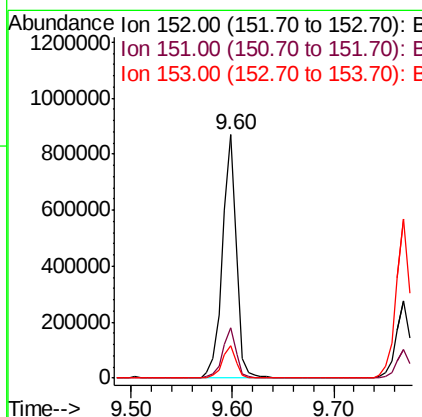
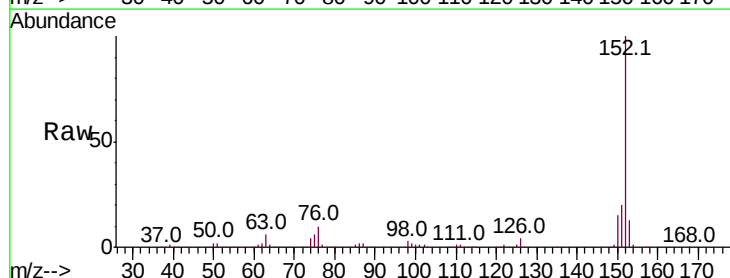
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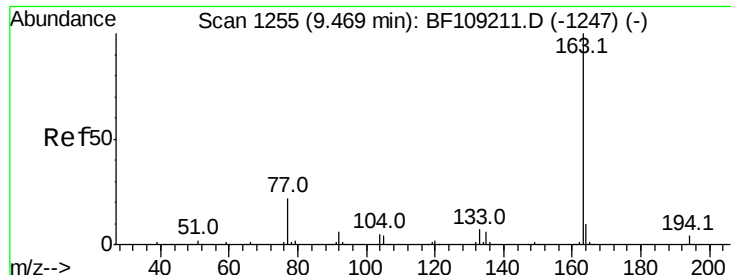
Sohil
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#48
Acenaphthylene
Concen: 45.574 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1





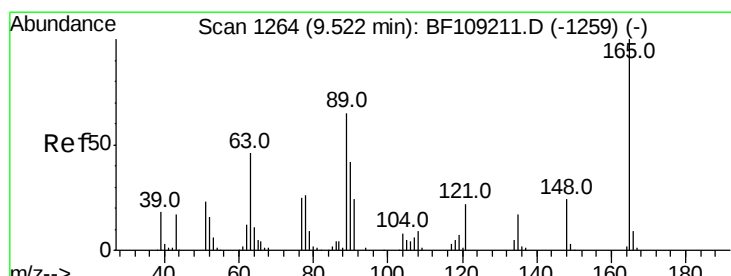
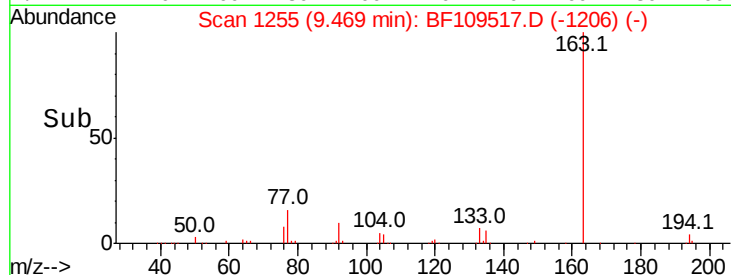
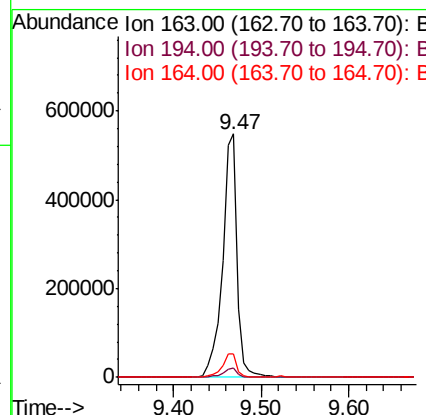
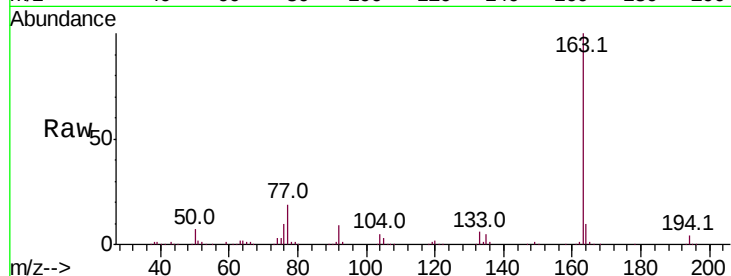
#49
Dimethylphthalate
Concen: 46.969 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	630900		
194	4.0		2.7	4.1
164	9.8		8.2	12.2

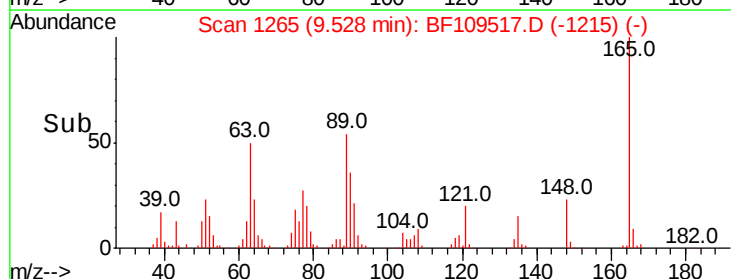
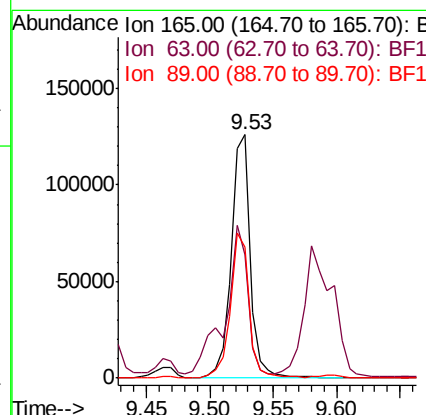
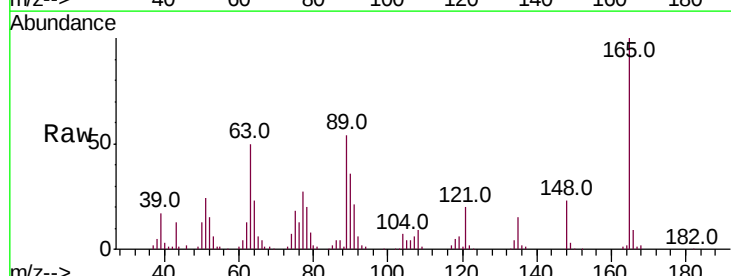
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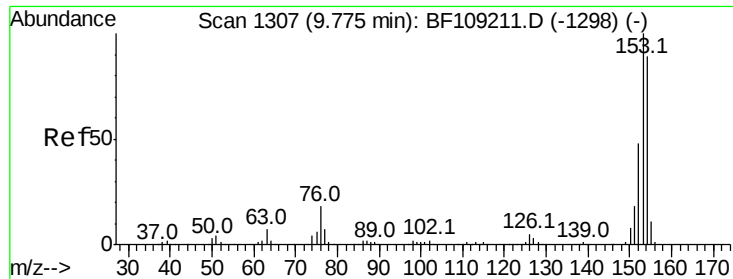
Sohil
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#50
2,6-Dinitrotoluene
Concen: 49.182 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130839		
63	50.5		44.7	67.1
89	53.6		44.0	66.0





#51

Acenaphthene

Concen: 42.614 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

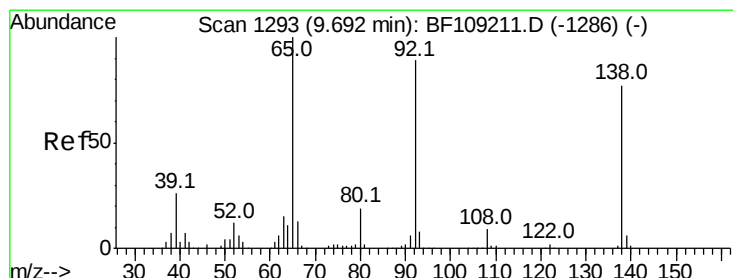
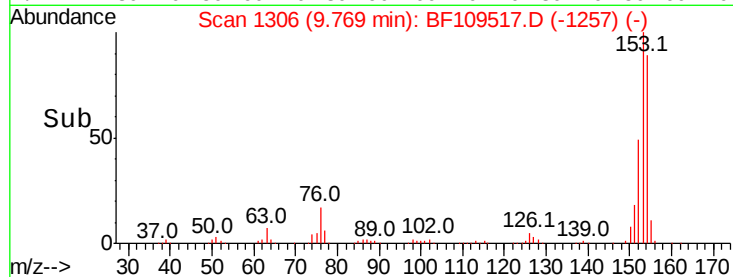
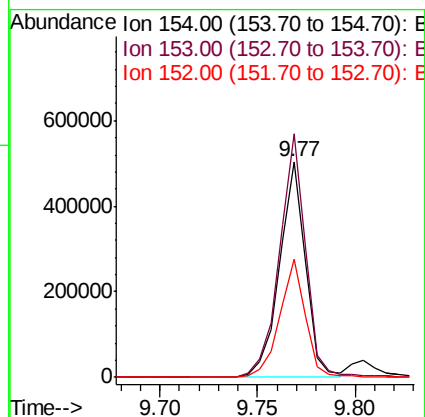
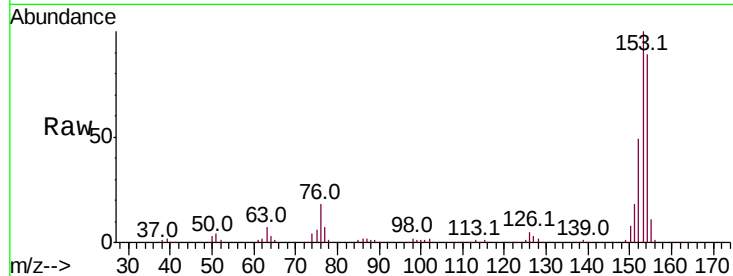
ClientSampleId :

PB113418BS

Tot Ion:	154	Resp:	467206
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.2	136.8
152	54.7	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.154 ng

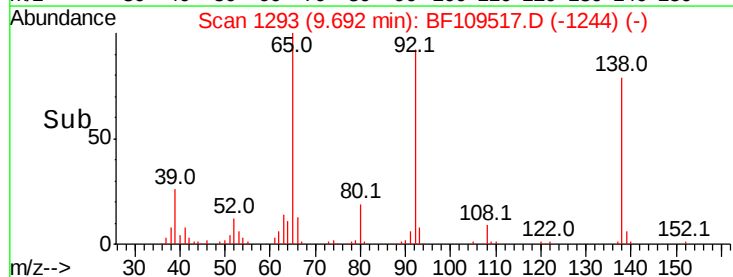
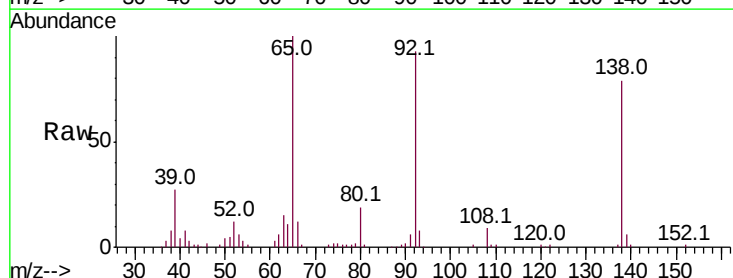
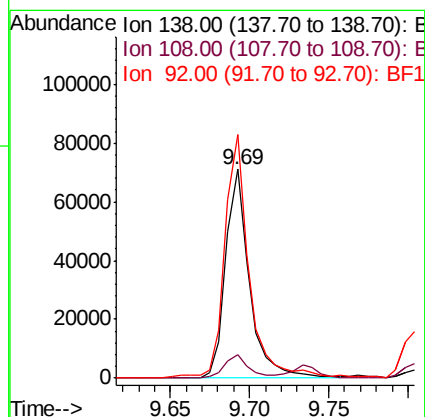
RT: 9.69 min Scan# 1293

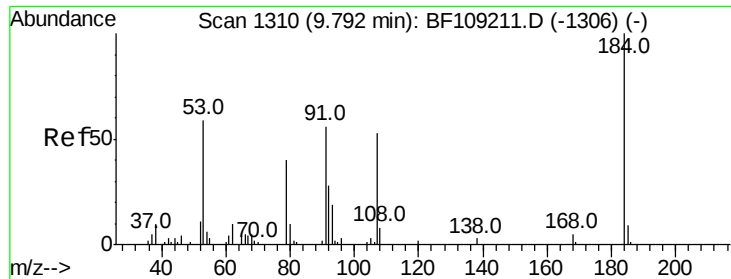
Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion:	138	Resp:	74414
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.4	14.0
92	116.7	89.4	134.2





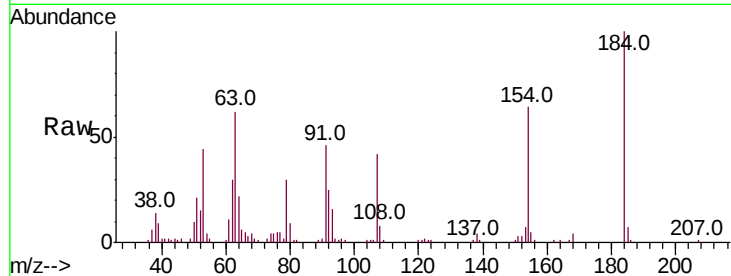
#53
2,4-Dinitrophenol
Concen: 68.442 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.7	54.2	81.2
154	64.4	184.0	276.0#

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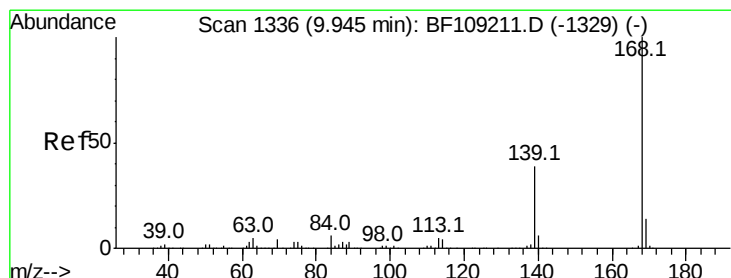
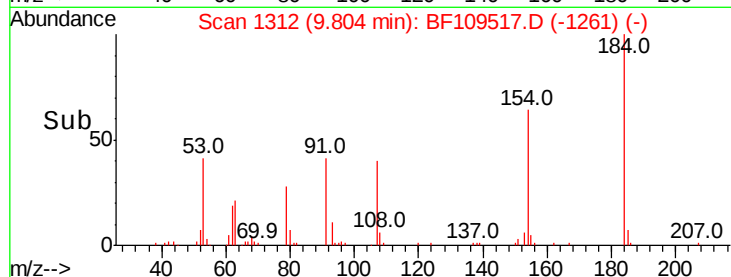
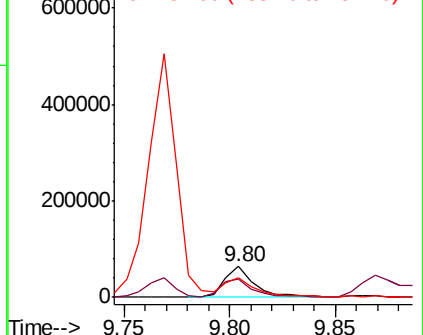


Abundance

Ion 184.00 (183.70 to 184.70): E

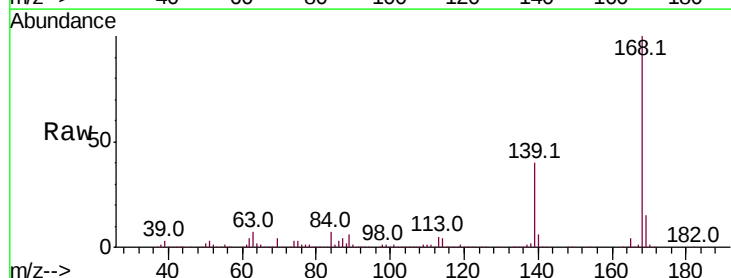
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 42.715 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	14.7	10.9	16.3

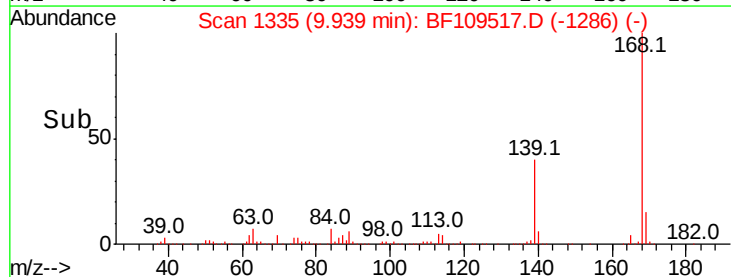
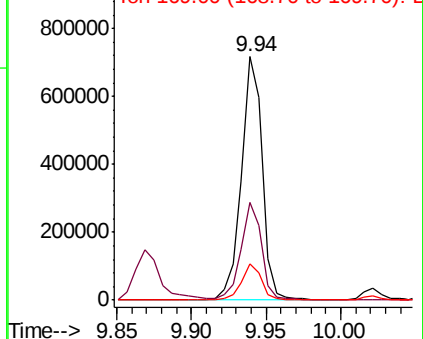


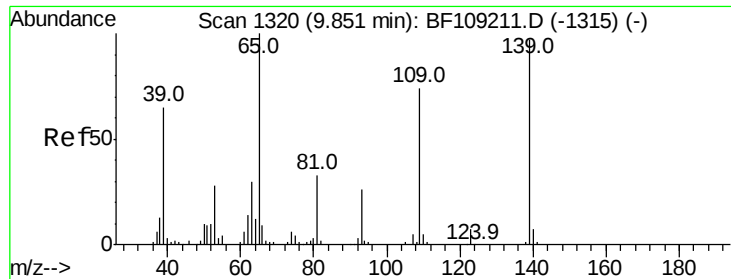
Abundance

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





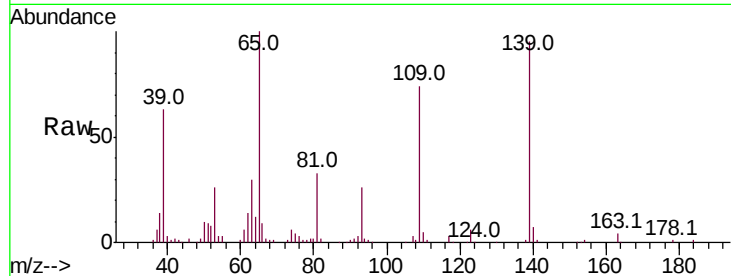
#55
4-Nitrophenol
Concen: 73.952 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.2	48.4	88.4	
65	104.9	72.6	112.6	

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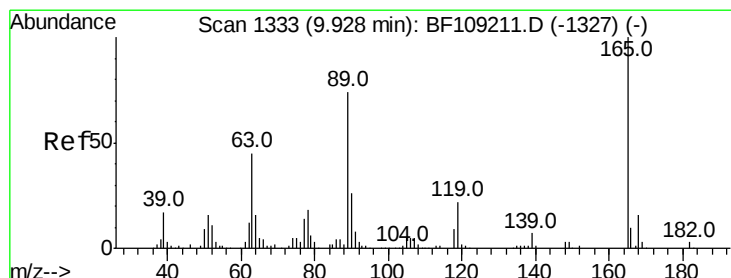
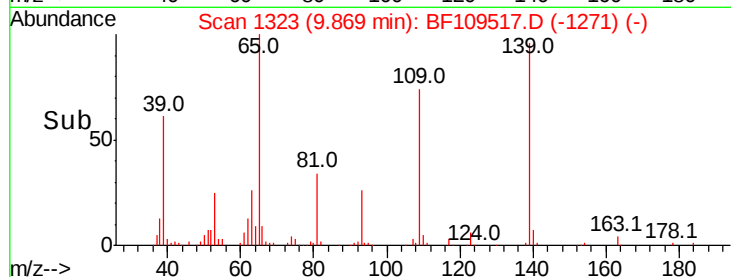
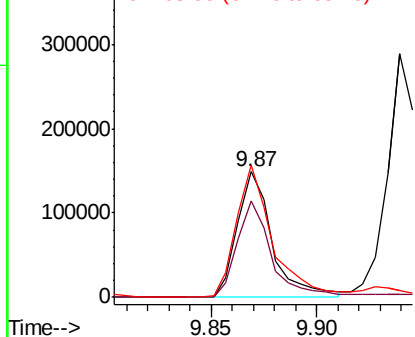


Abundance

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: 48.207 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.8	36.4	54.6	
89	79.3	57.8	86.6	
182	2.4	1.6	2.4	

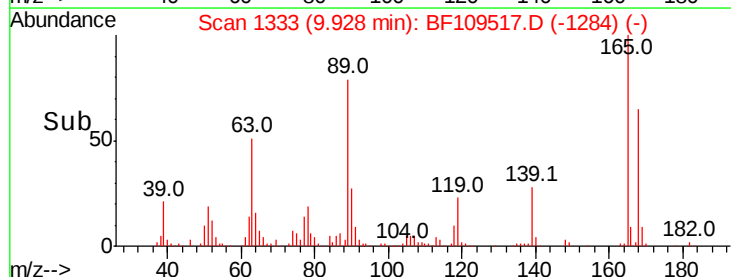
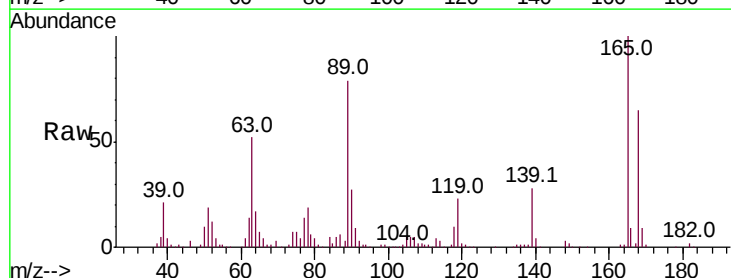
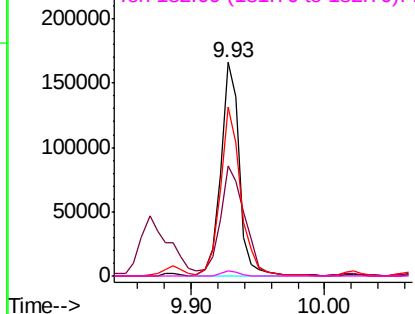
Abundance

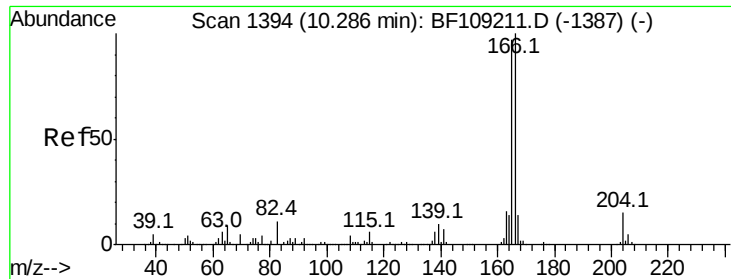
Ion 165.00 (164.70 to 165.70): E

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: 46.131 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

ClientSampleId :

PB113418BS

Tot Ion:166 Resp: 536670

Ion Ratio Lower Upper

166 100

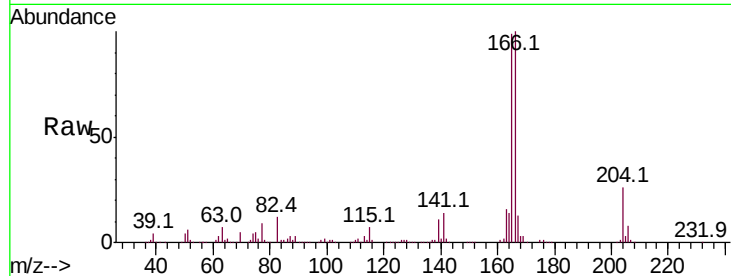
165 99.2 79.8 119.8

167 13.4 10.6 16.0

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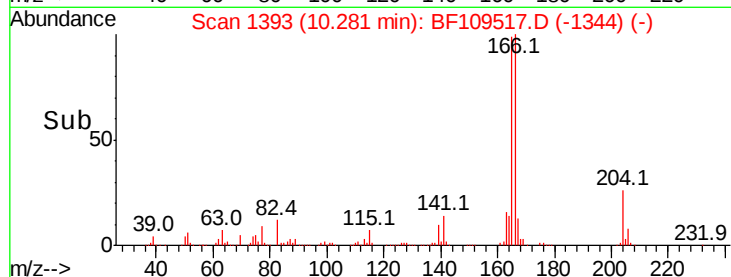
Abundance

Ion 166.00 (165.70 to 166.70): E

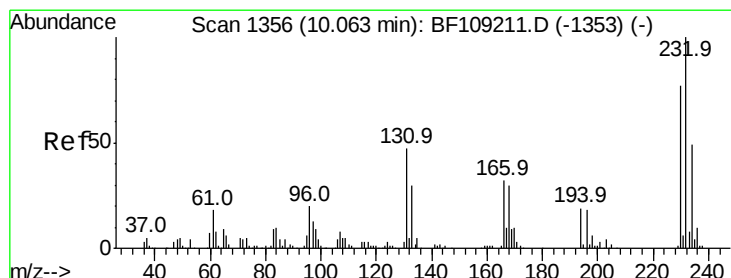
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.28



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.385 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion:232 Resp: 149472

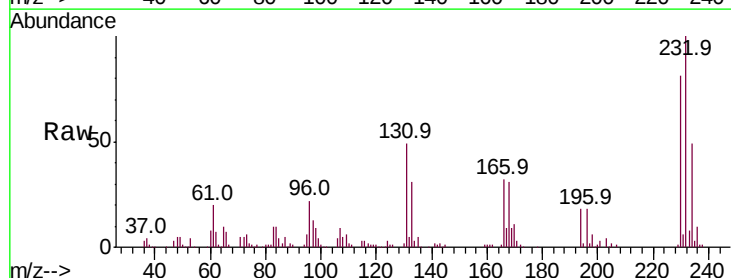
Ion Ratio Lower Upper

232 100

131 44.9 43.8 65.8

130 2.1 2.1 3.1

166 29.4 27.8 41.6



Abundance

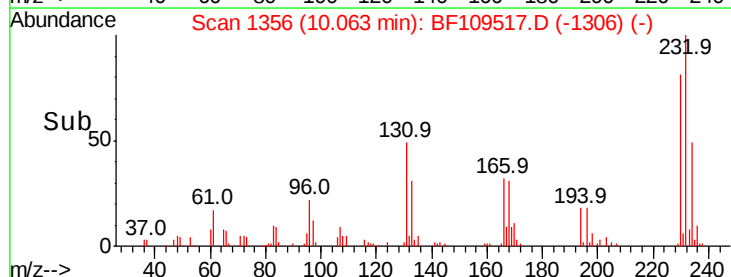
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

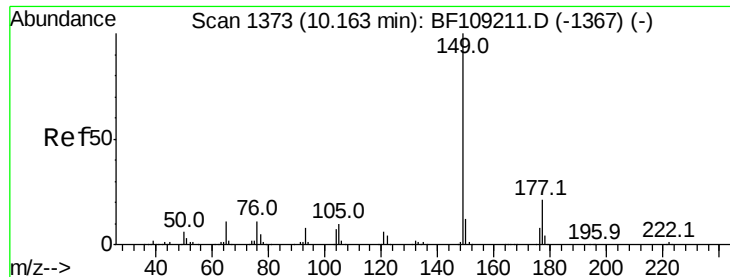
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.06



Time-->



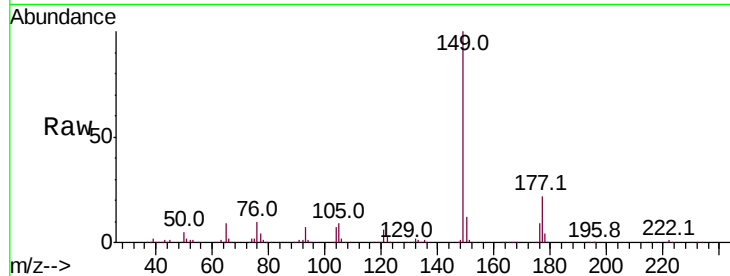
#59
Diethylphthalate
Concen: 45.061 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

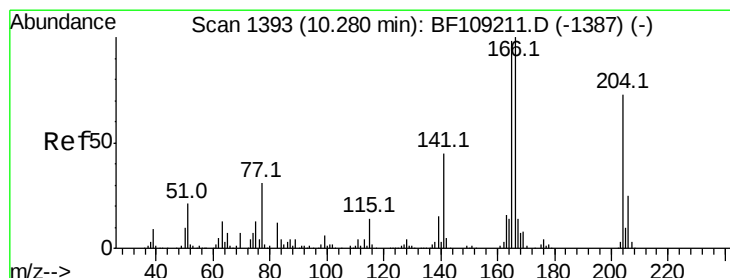
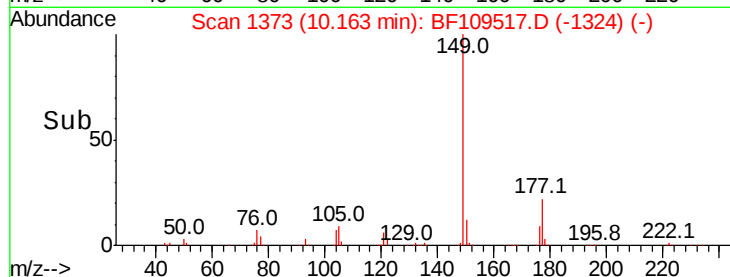
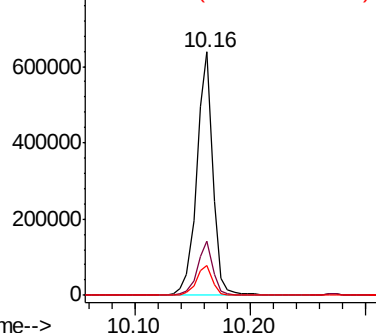
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.1	24.1
150	12.4	10.1	15.1

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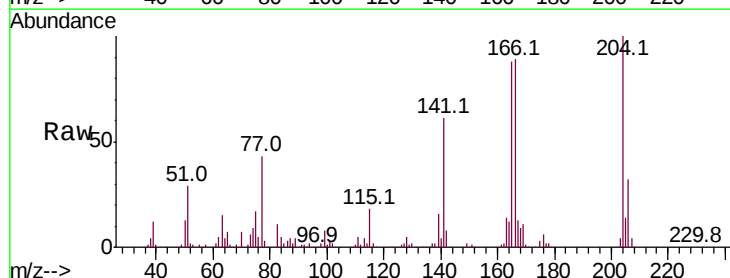


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

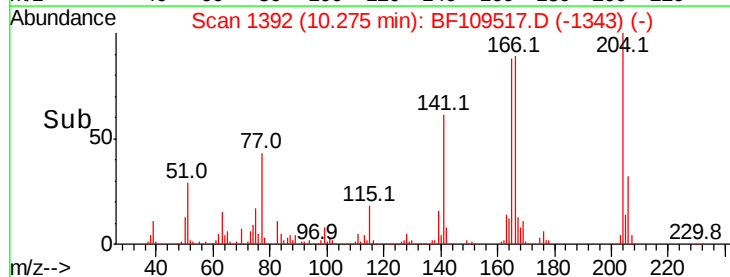
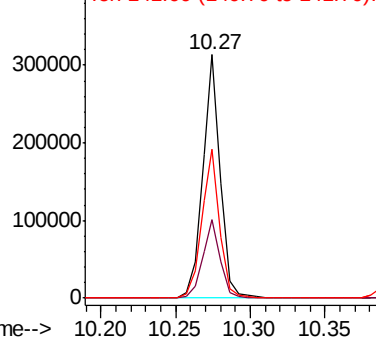


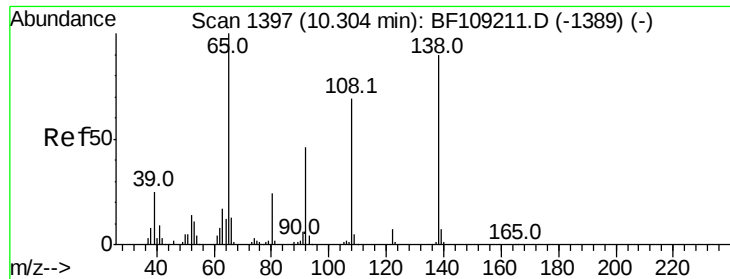
#60
4-Chlorophenyl-phenylether
Concen: 42.829 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	61.4	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





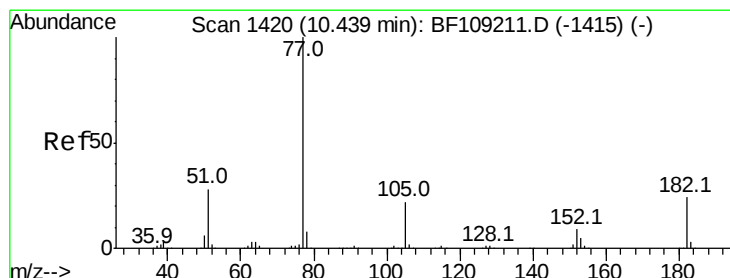
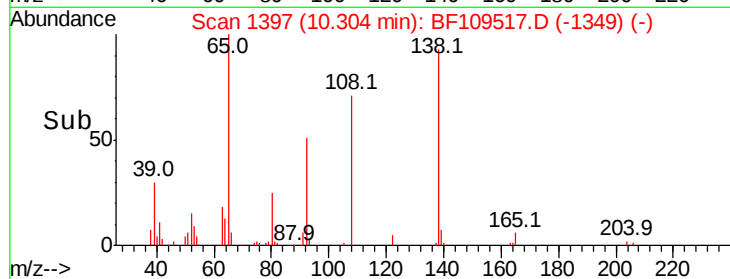
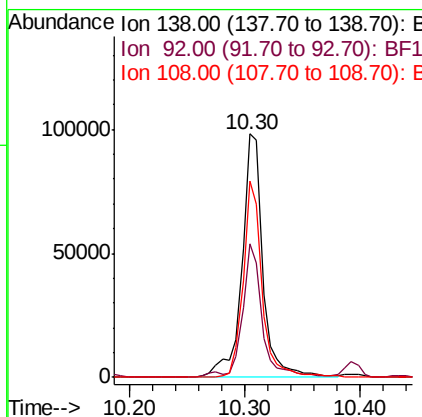
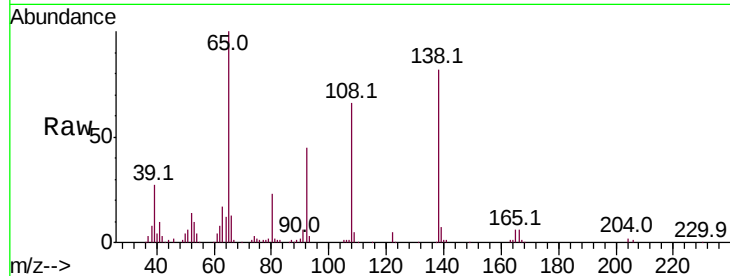
#61
4-Nitroaniline
Concen: 41.451 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampled :
PB113418BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.0	30.2	70.2
108	80.7	52.5	92.5

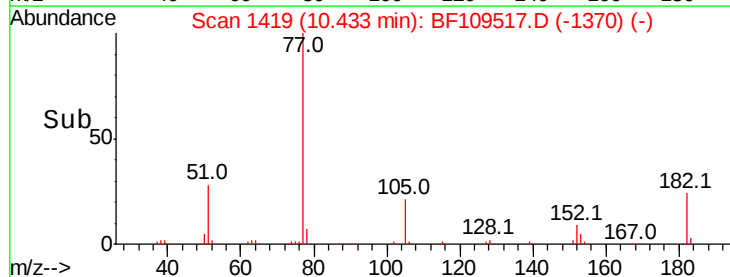
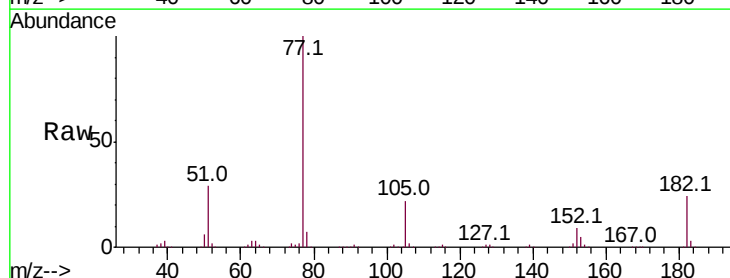
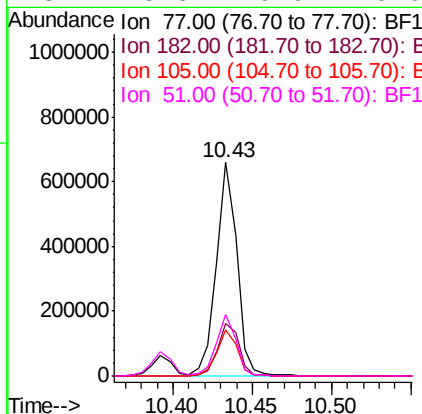
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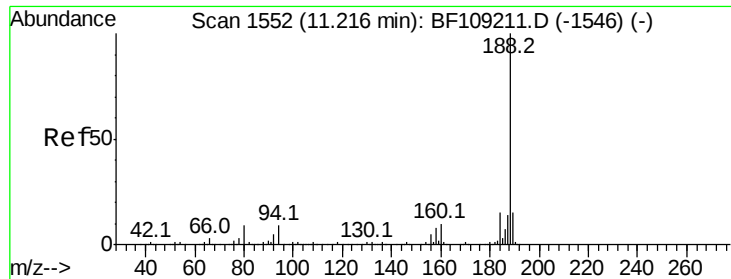
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#62
Azobenzene
Concen: 42.018 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.7	41.7
105	21.5	3.0	43.0
51	28.6	9.9	49.9





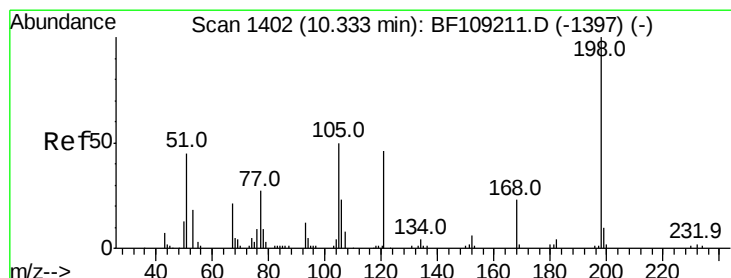
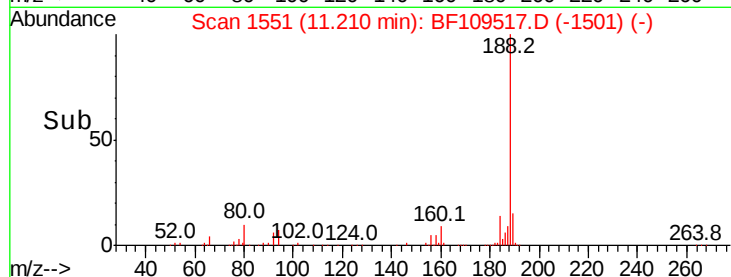
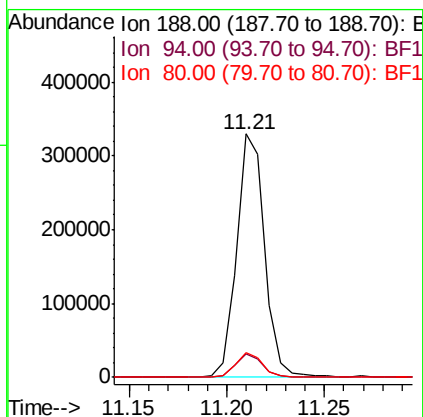
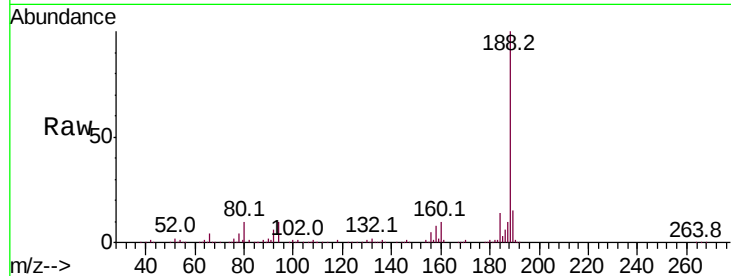
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8

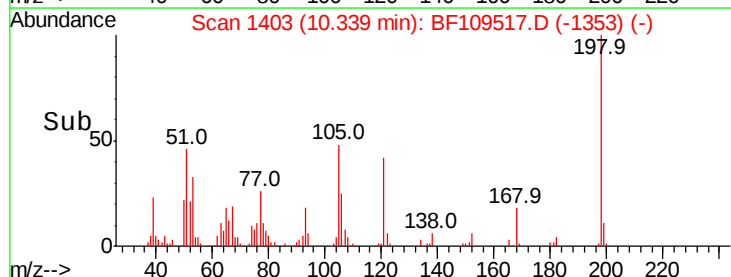
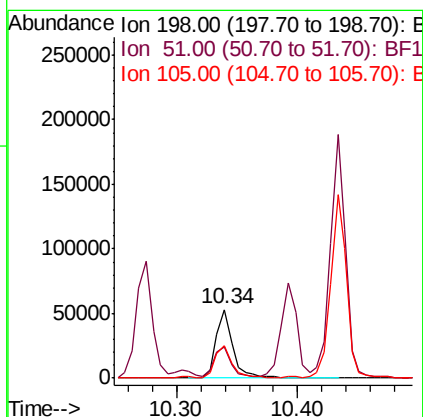
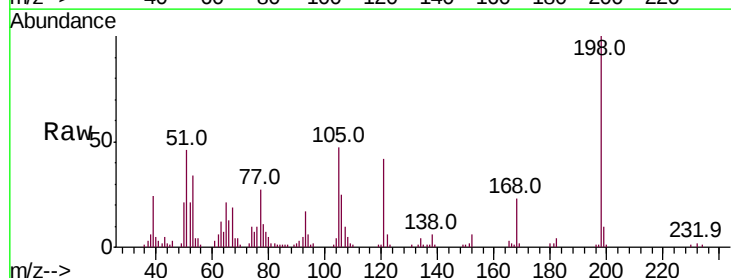
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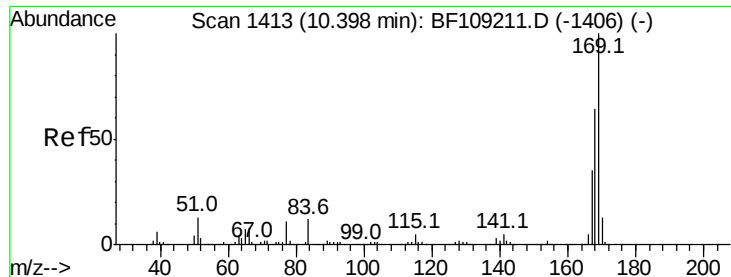
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.038 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.8	37.7	77.7
105	47.1	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 47.473 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Instrument :

BNA_F

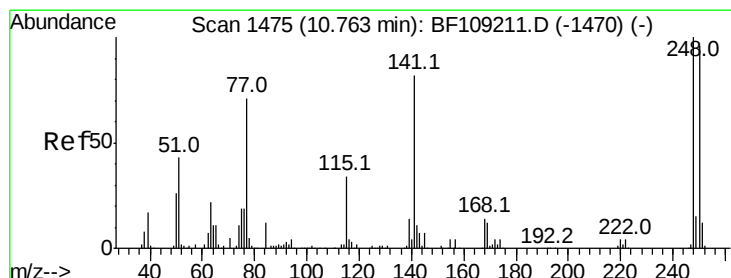
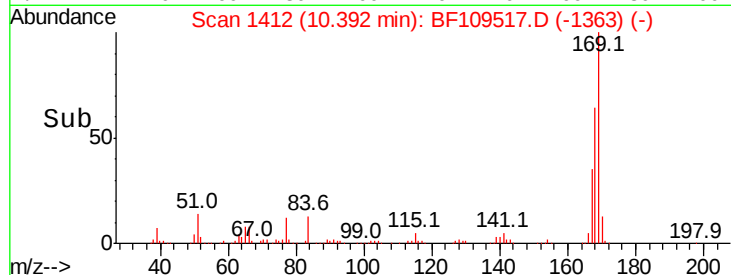
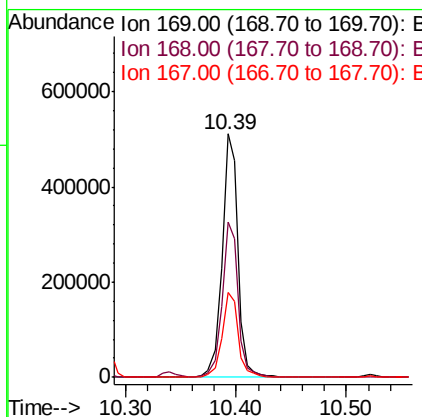
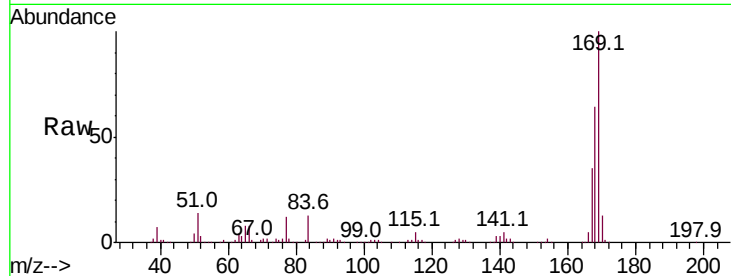
ClientSampleId :

PB113418BS

Tot Ion:	169	Resp:	510611
Ion Ratio	Lower	Upper	
169	100		
168	63.8	54.4	81.6
167	35.0	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 47.247 ng

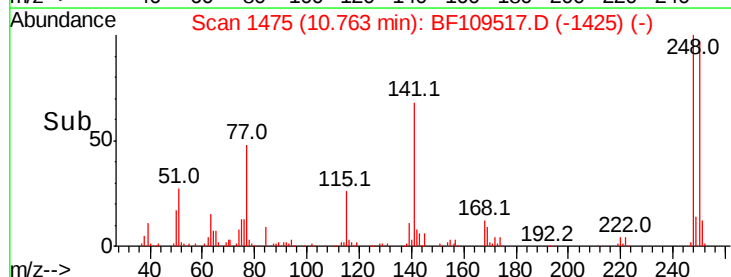
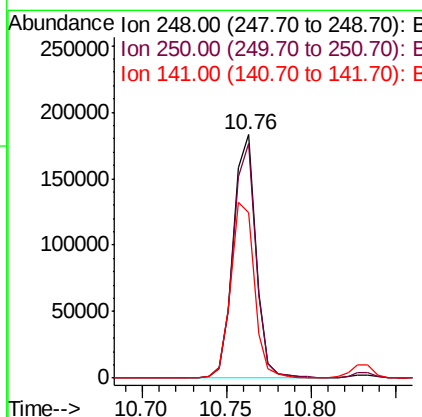
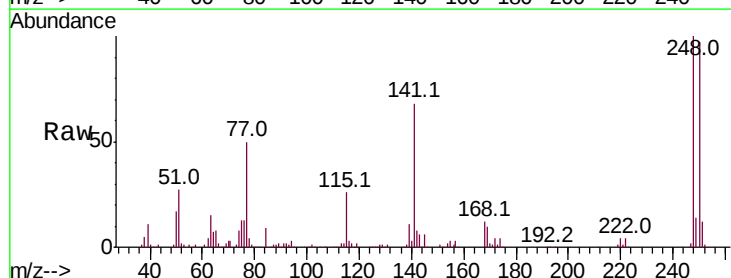
RT: 10.76 min Scan# 1475

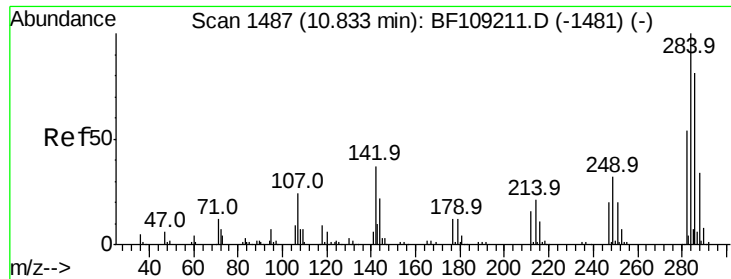
Delta R.T. -0.01 min

Lab File: BF109517.D

Acq: 2 Oct 2018 22:11

Tgt Ion:	248	Resp:	170799
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.9	115.3
141	68.3	74.4	111.6#





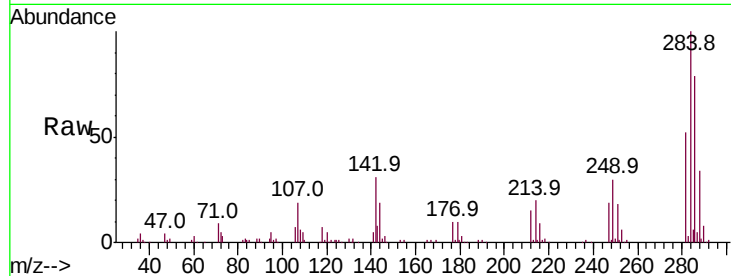
#67
Hexachlorobenzene
Concen: 45.023 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

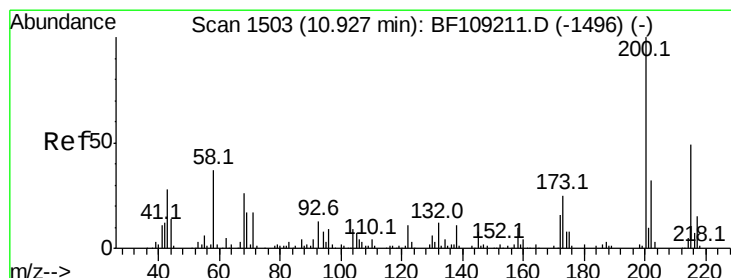
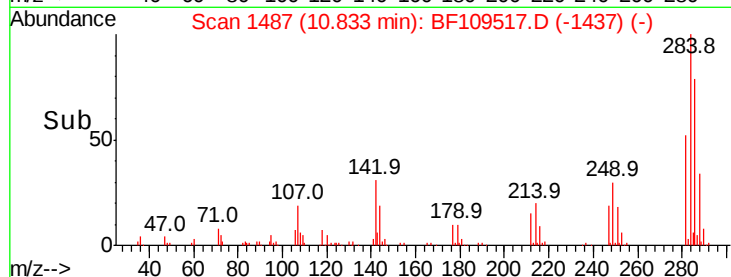
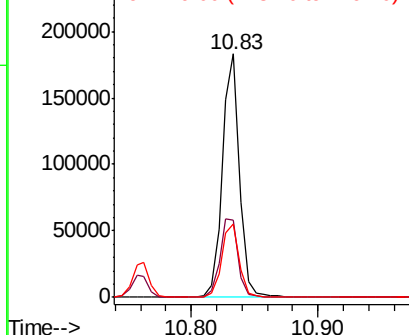
Tot Ion	Ratio	Resp	Lower	Upper
284	100	172861		
142	31.5	34.6	52.0	
249	30.2	24.8	37.2	

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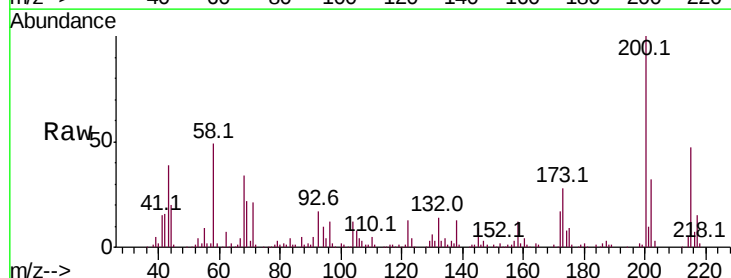


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

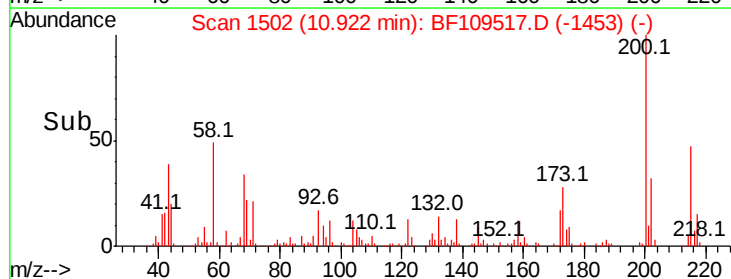
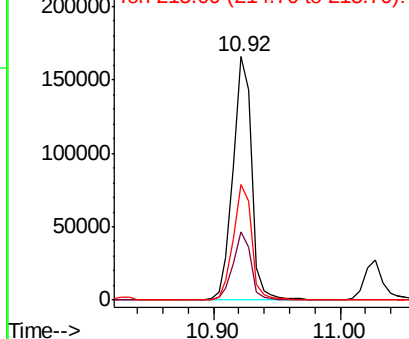


#68
Atrazine
Concen: 50.860 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	168242		
173	28.1	8.6	48.6	
215	47.5	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





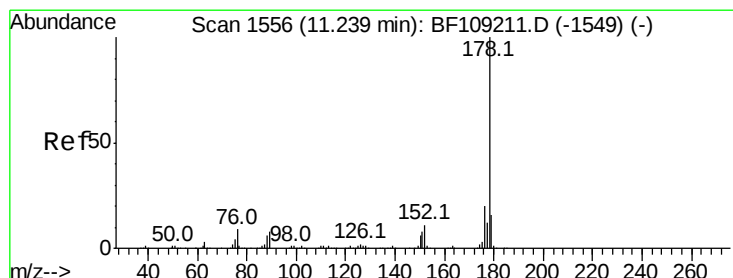
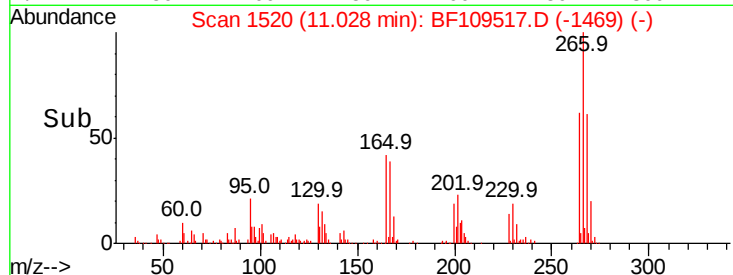
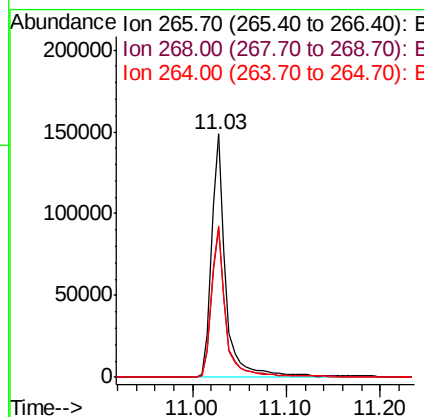
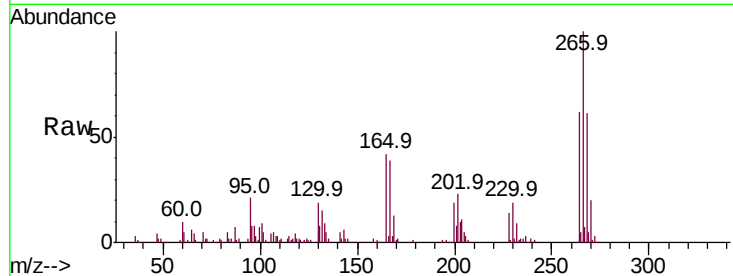
#69
 Pentachlorophenol
 Concen: 69.734 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	160242		
268	61.3	51.1	76.7	
264	62.4	49.5	74.3	

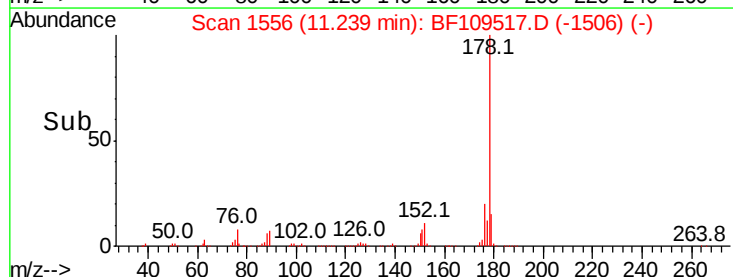
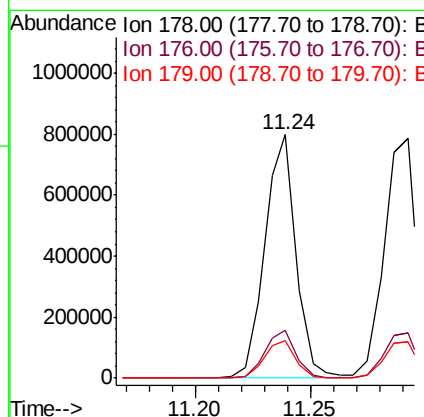
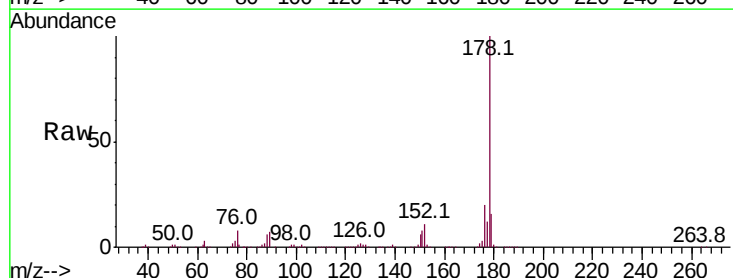
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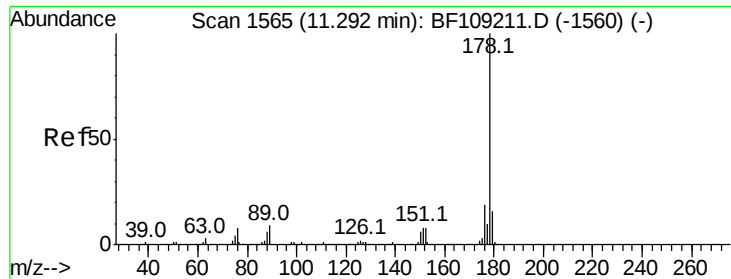
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#70
 Phenanthrene
 Concen: 46.054 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	748567		
176	19.7	15.8	23.8	
179	15.6	13.0	19.6	





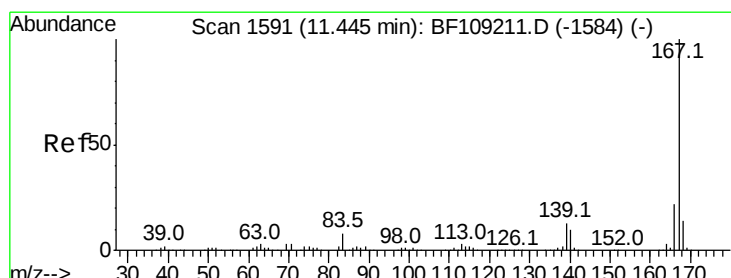
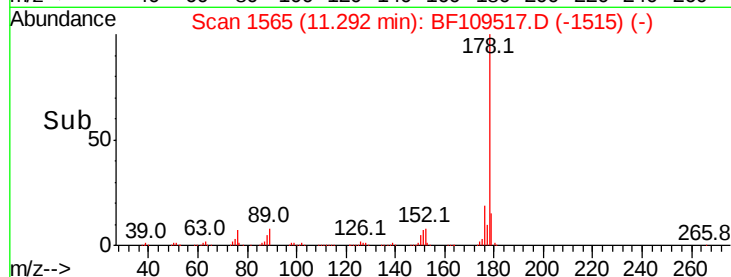
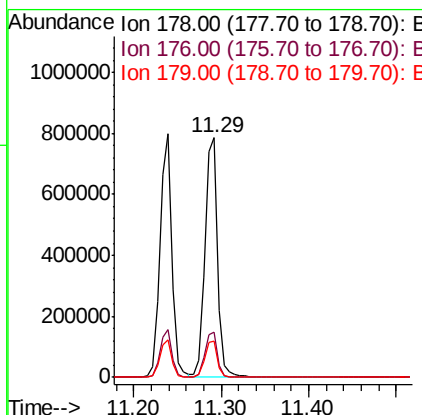
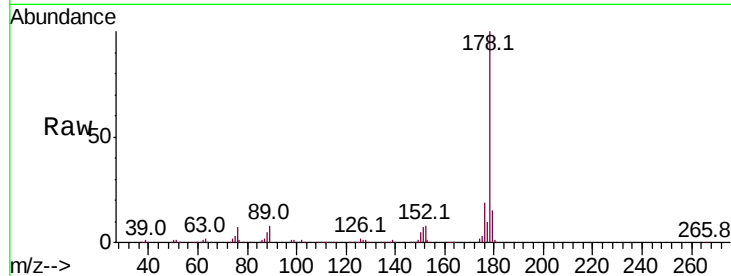
#71
 Anthracene
 Concen: 47.807 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.1	12.6	19.0

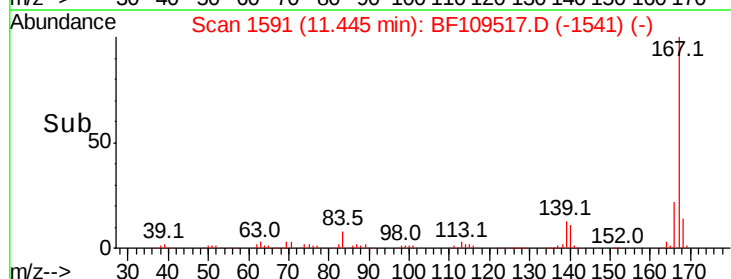
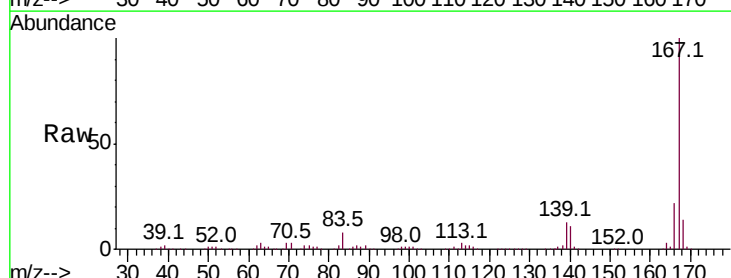
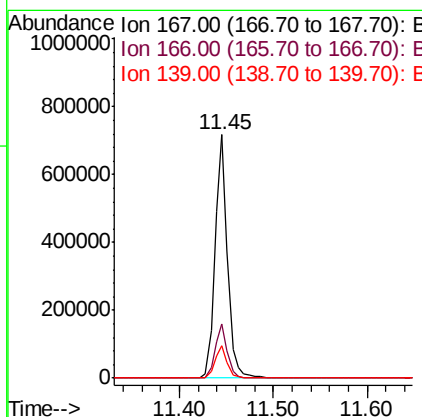
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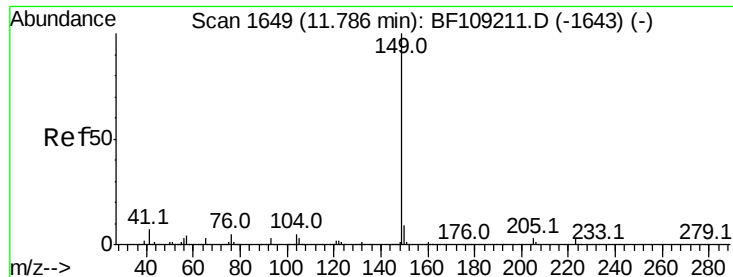
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#72
 Carbazole
 Concen: 40.856 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.3	10.9	16.3





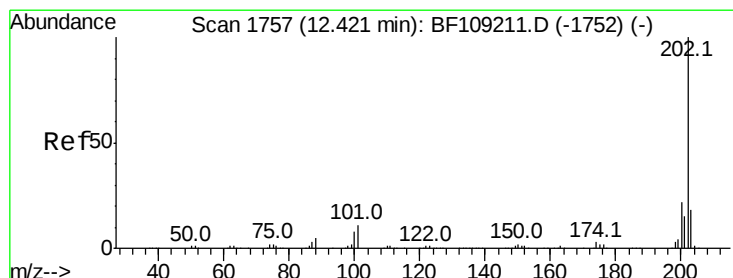
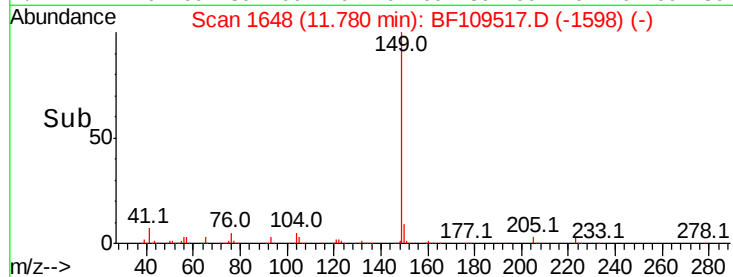
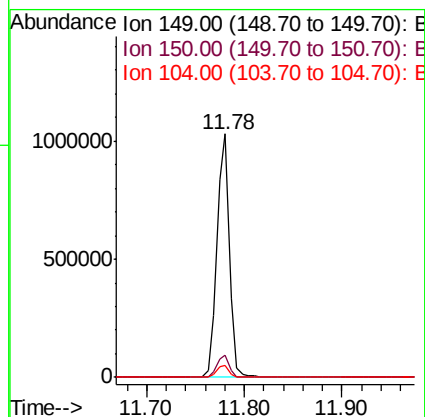
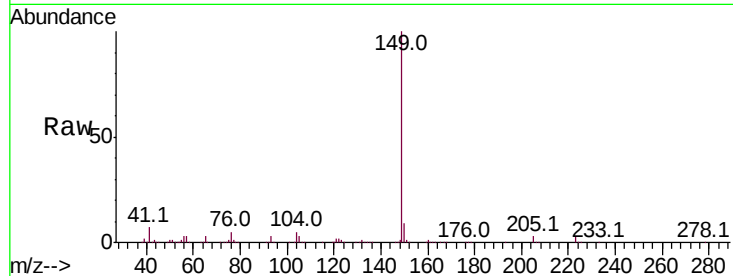
#73
Di-n-butylphthalate
Concen: 48.279 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion:	149	Resp:	911655
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.8	3.8	5.8

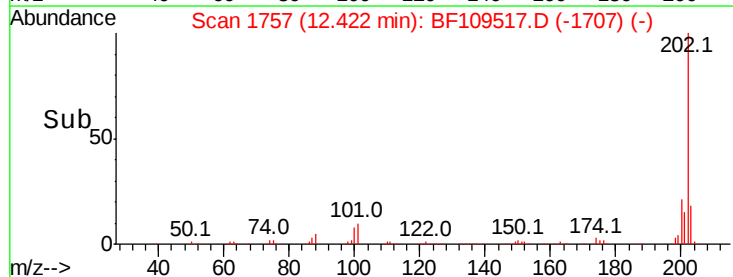
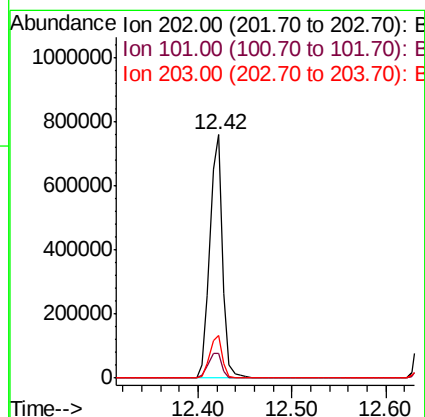
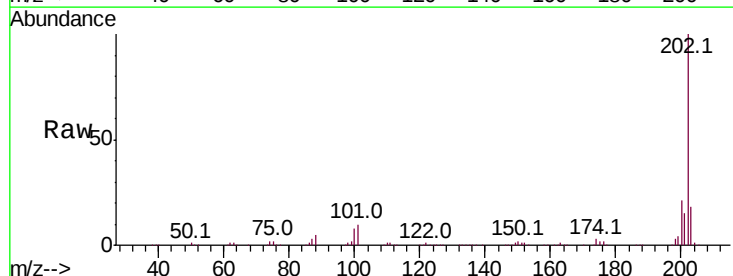
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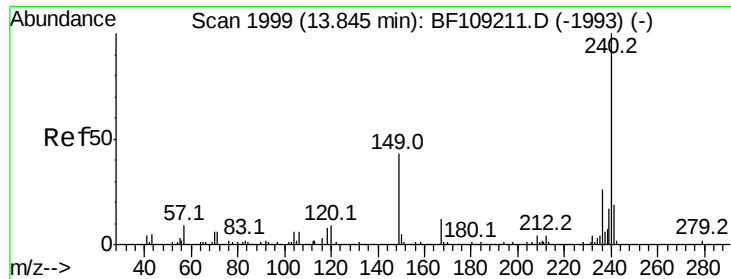
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#74
Fluoranthene
Concen: 41.894 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion:	202	Resp:	727723
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	34.1
203	17.7	0.0	38.1





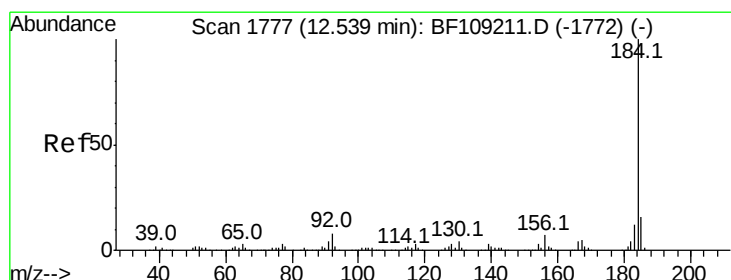
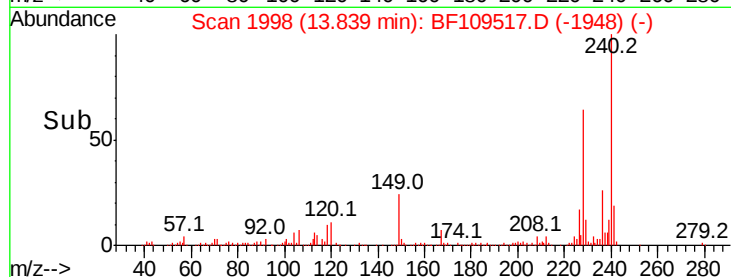
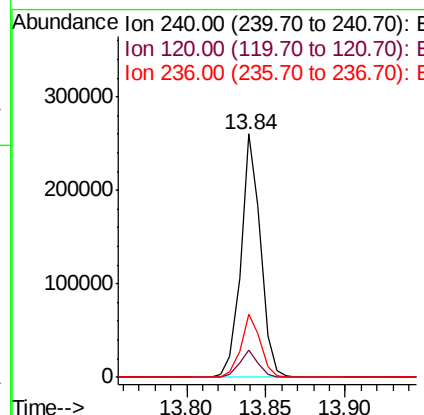
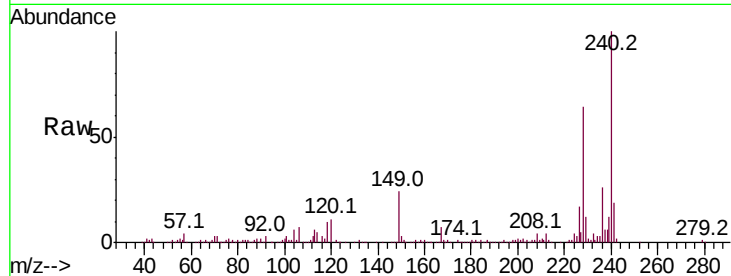
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	222459		
120	11.1	9.5	14.3	
236	26.2	20.7	31.1	

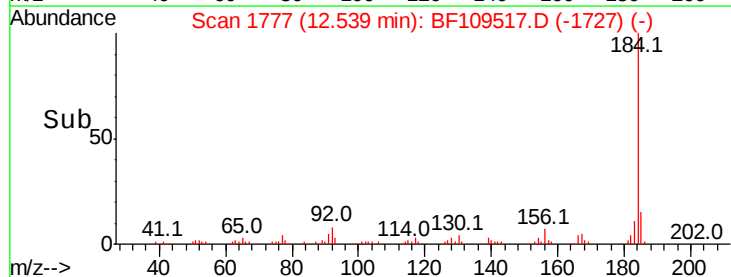
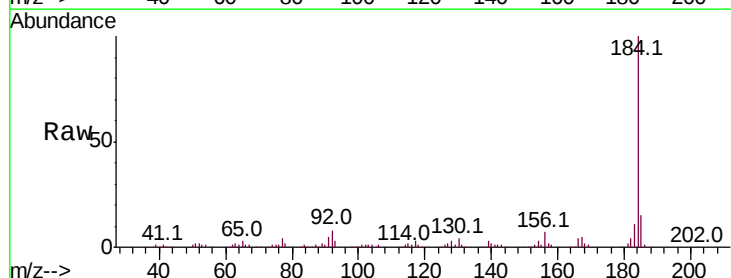
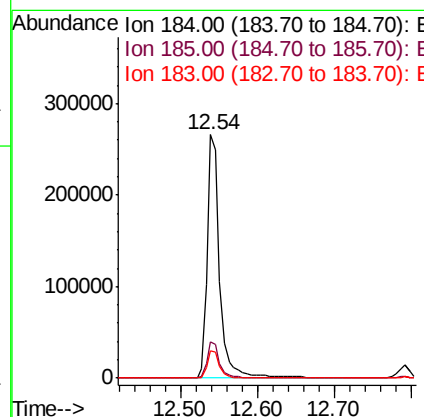
Manual Integrations
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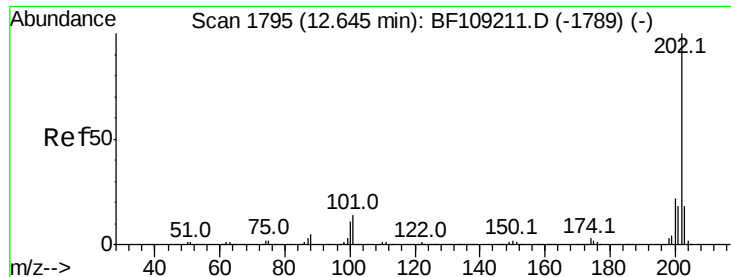
Sohil
10/3/2018 9:31:06 AM



#76
Benzidine
Concen: 37.636 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	301867		
185	14.8	12.6	18.8	
183	11.3	9.3	13.9	





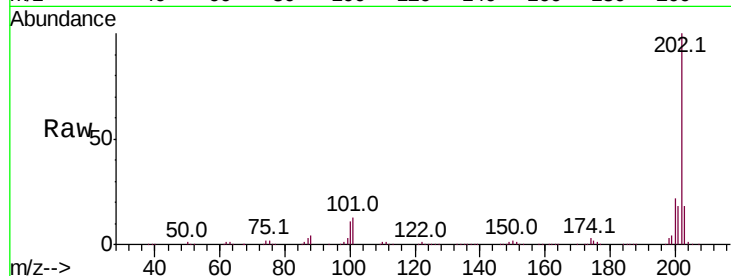
#77
Pvrene
Concen: 44.997 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.2	14.3	21.5

Manual Integrations
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Sohil
10/3/2018 9:31:06 AM

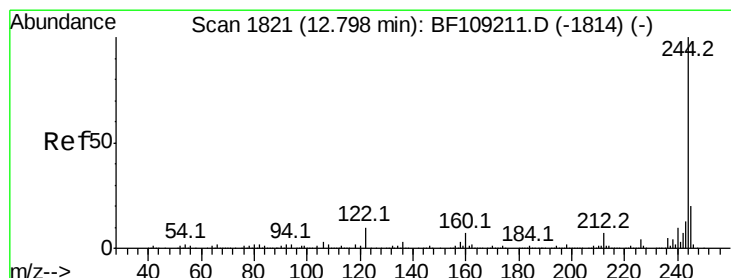
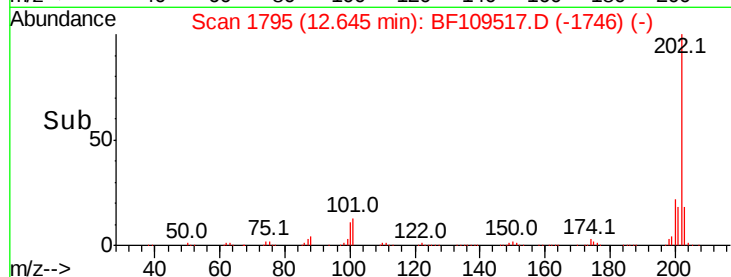
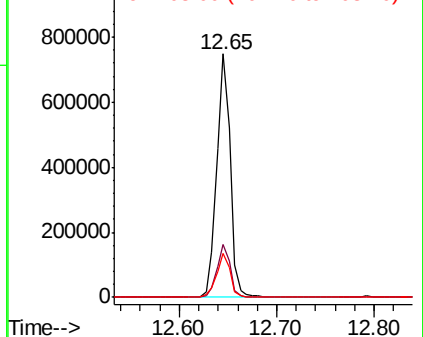


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 108.271 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

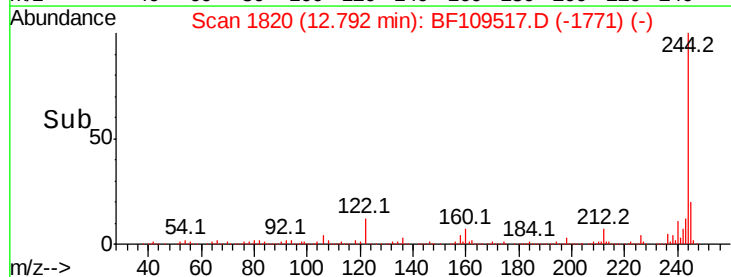
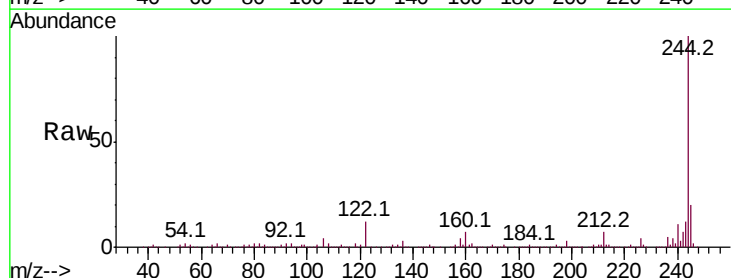
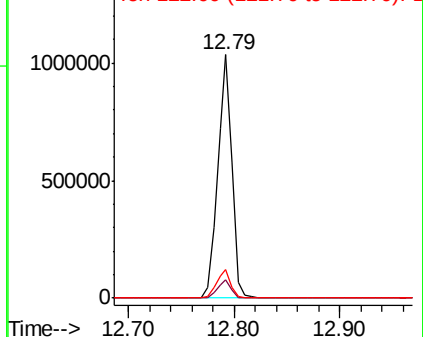
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.7	11.0	16.4

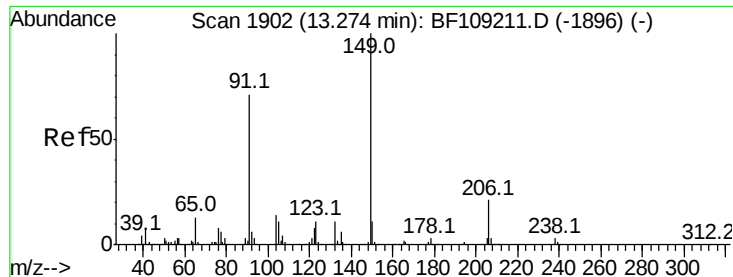
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





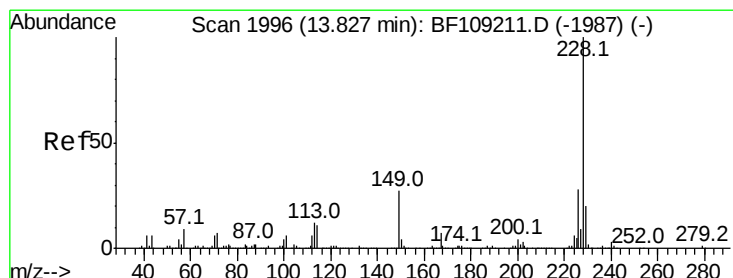
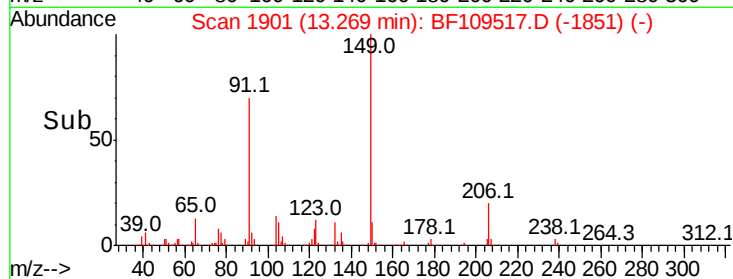
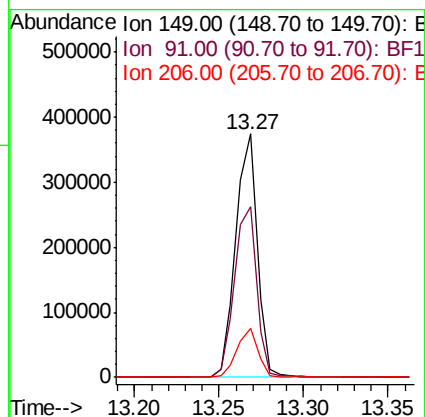
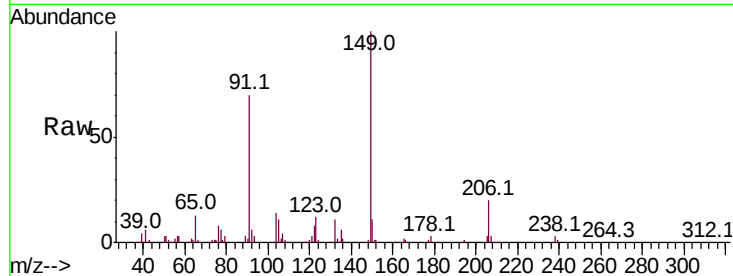
#79
Butylbenzylphthalate
Concen: 49.143 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.1	56.8	85.2	
206	20.3	14.1	21.1	

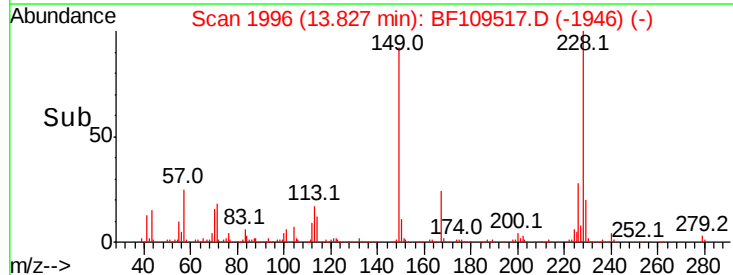
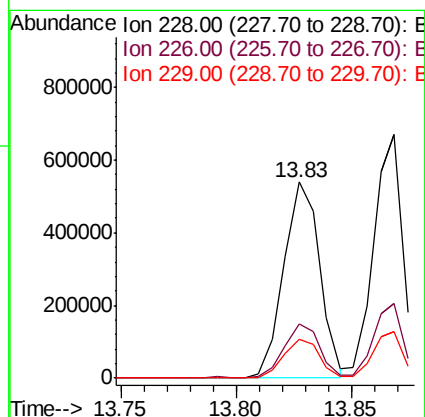
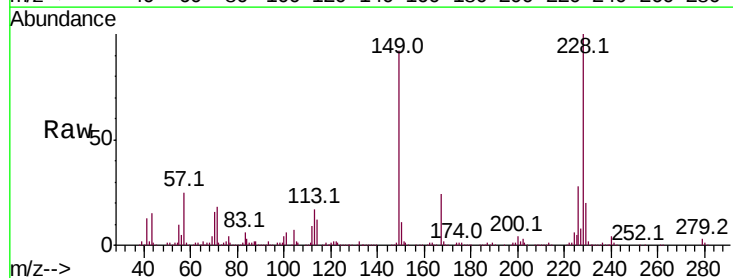
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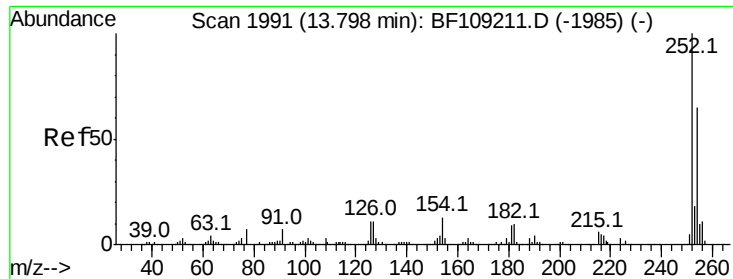
Sohil
10/3/2018 9:31:06 AM



#80
Benzo(a)anthracene
Concen: 43.313 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.0	22.6	33.8	
229	19.8	15.8	23.6	





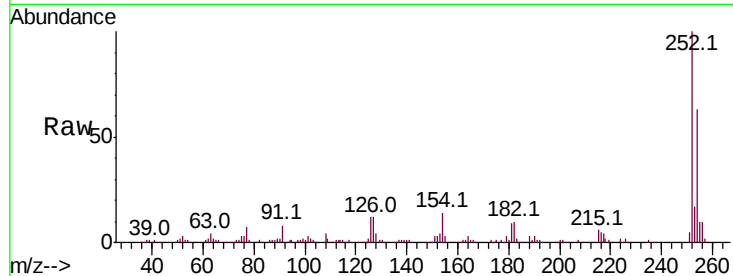
#81
 3,3'-Dichlorobenzidine
 Concen: 32.046 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	163188		
254	62.9	50.4	75.6	
126	11.6	11.3	16.9	

Manual Integrations
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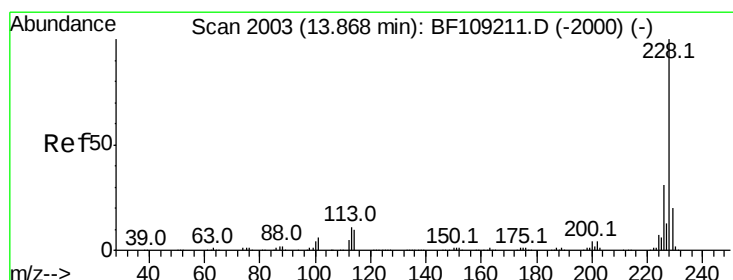
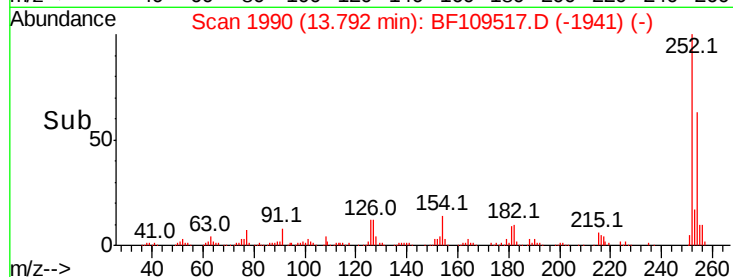
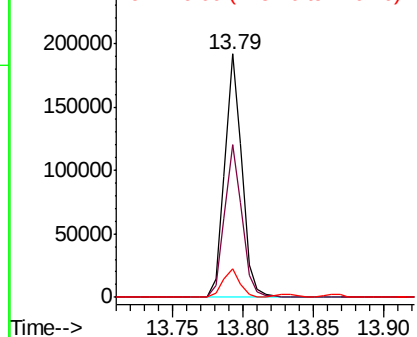


Abundance

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: 44.669 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

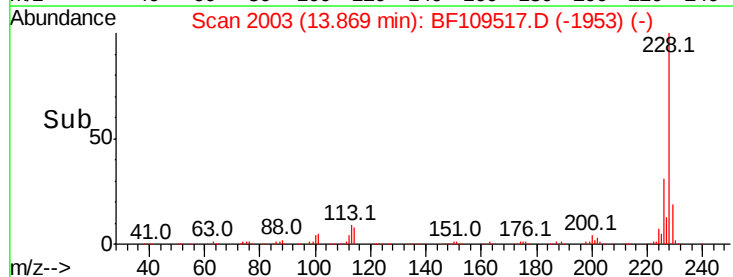
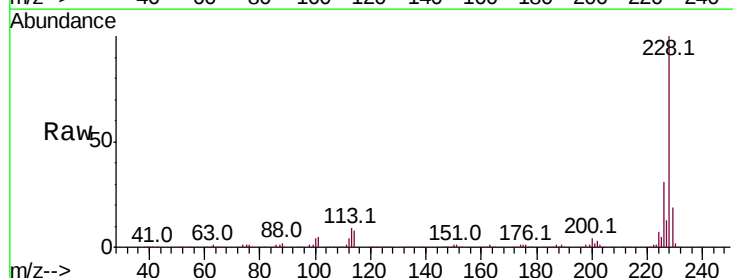
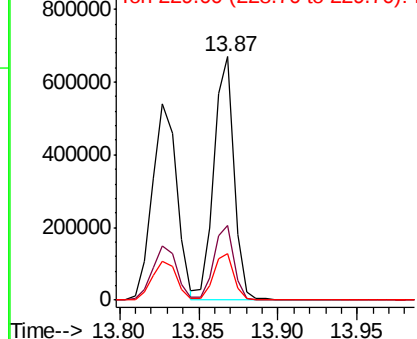
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	593241		
226	30.8	25.0	37.6	
229	19.3	16.2	24.4	

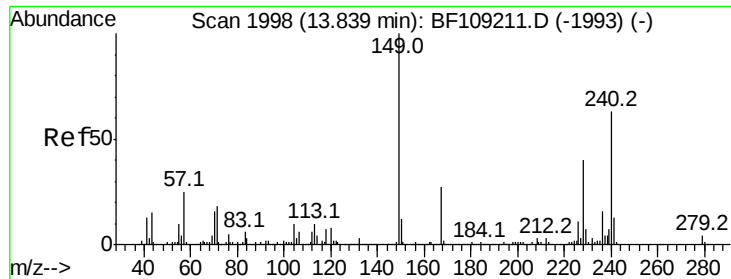
Abundance

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





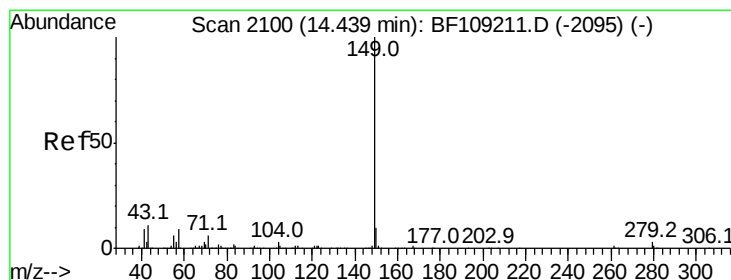
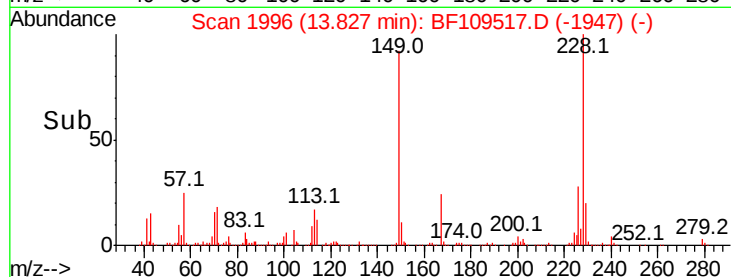
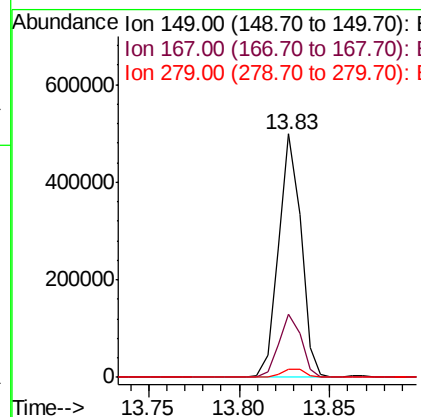
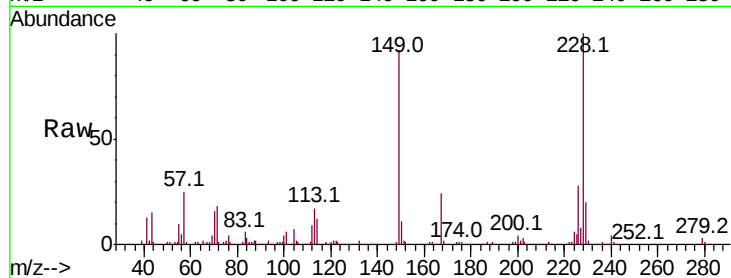
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.315 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion:	149	Resp:	430410
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.3	31.9
279	3.5	3.0	4.4

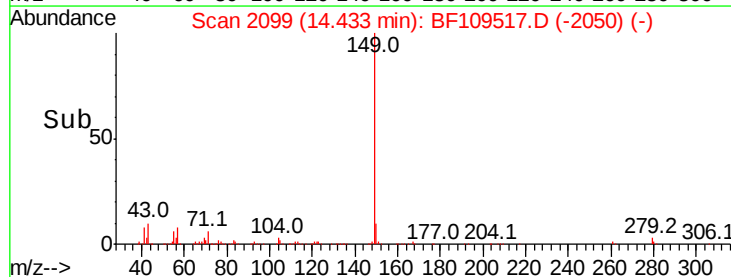
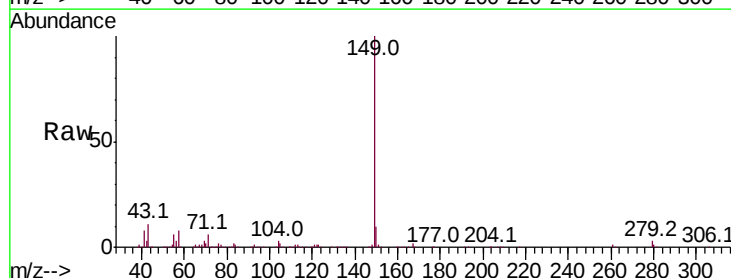
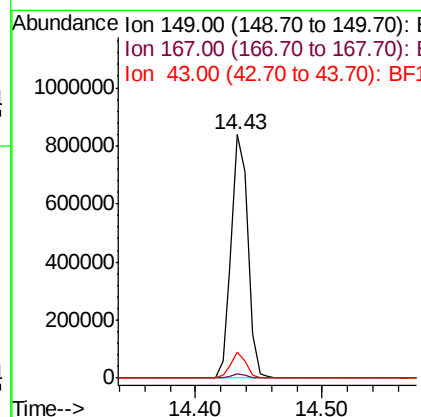
Manual Integrations
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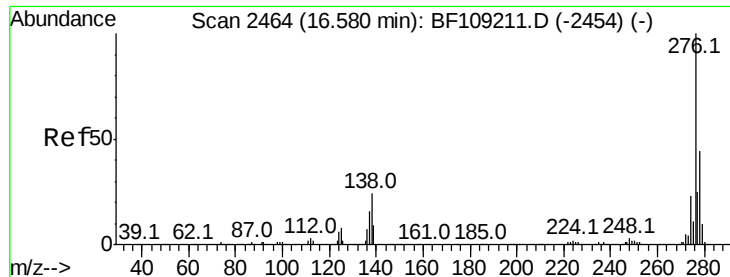
Sohil
 10/3/2018 9:31:06 AM



#84
 Di-n-octyl phthalate
 Concen: 52.244 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Tgt Ion:	149	Resp:	764136
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.6	8.4	12.6





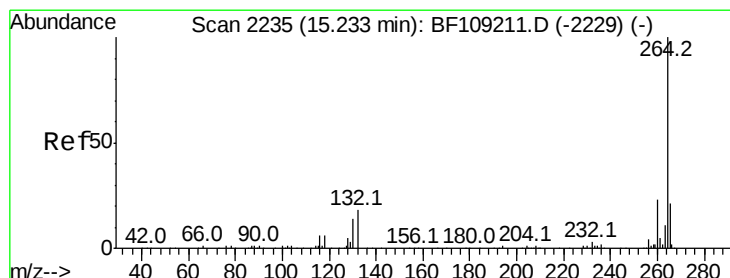
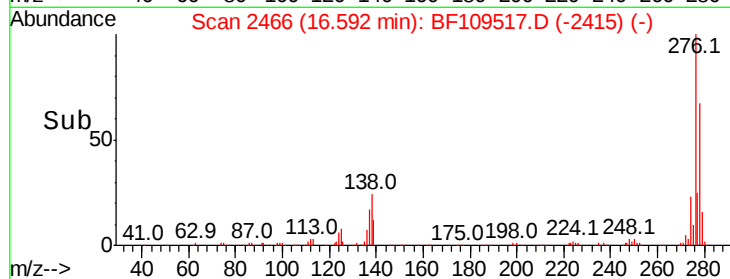
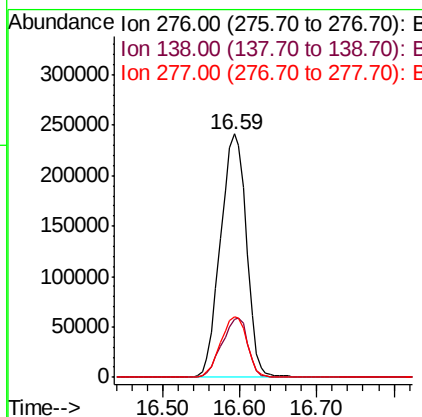
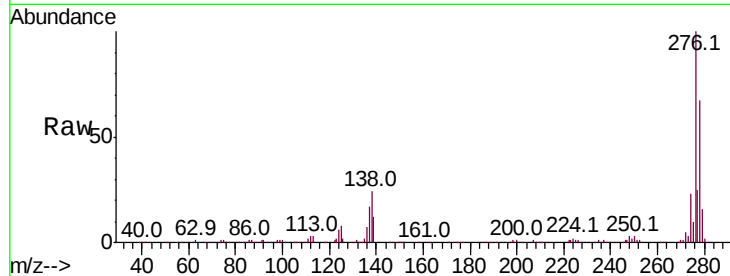
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.545 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.4	20.1	30.1

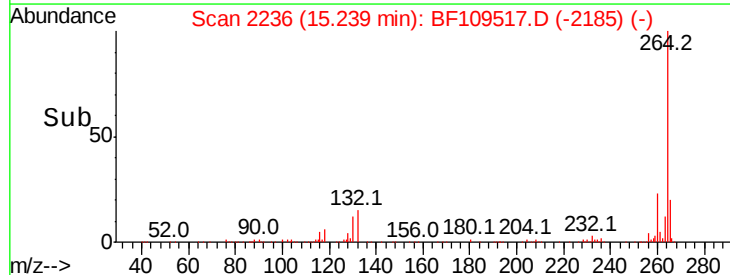
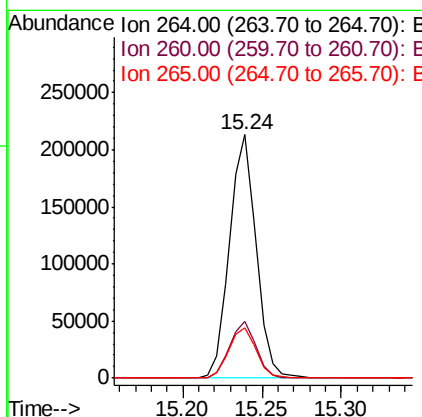
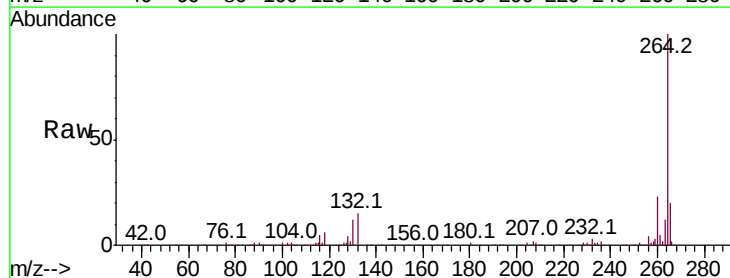
Manual Integrations
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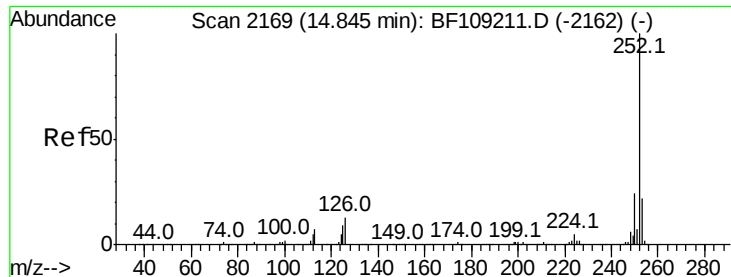
Sohil
 10/3/2018 9:31:06 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.5	17.5	26.3





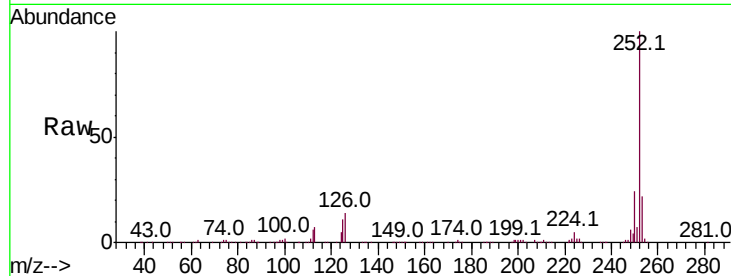
#87
Benzo(b)fluoranthene
Concen: 45.351 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.5	9.0	13.6

Manual Integrations
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10/3/2018 9:31:06 AM

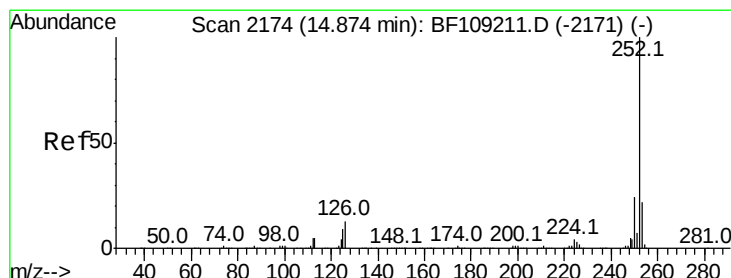
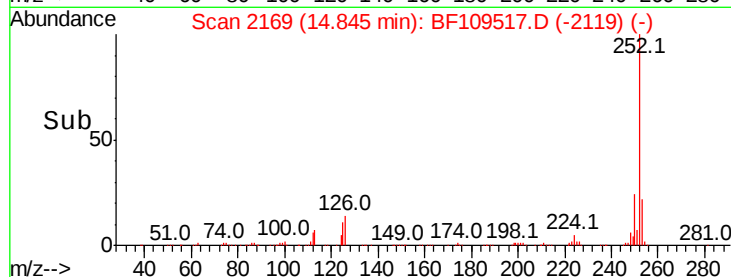
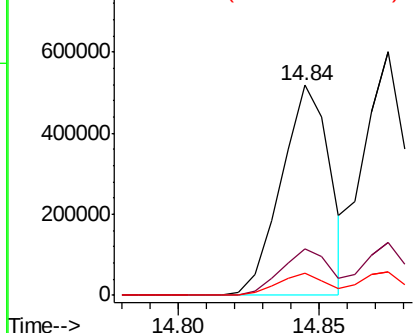


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 47.327 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

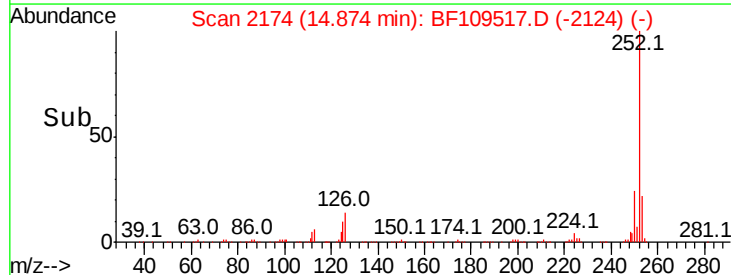
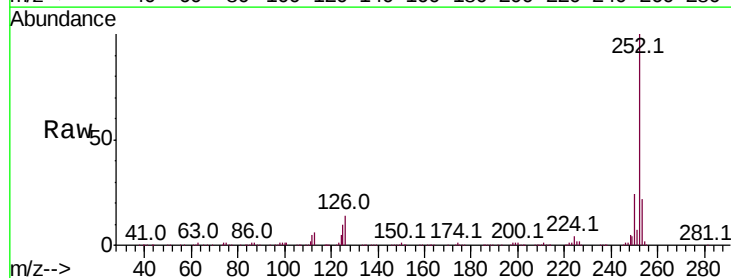
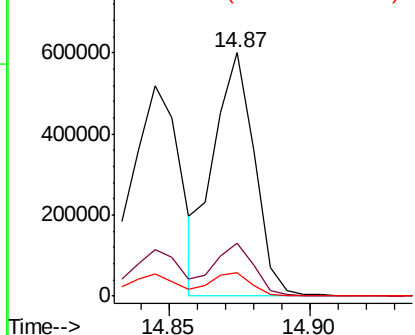
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.7	10.2	15.2#

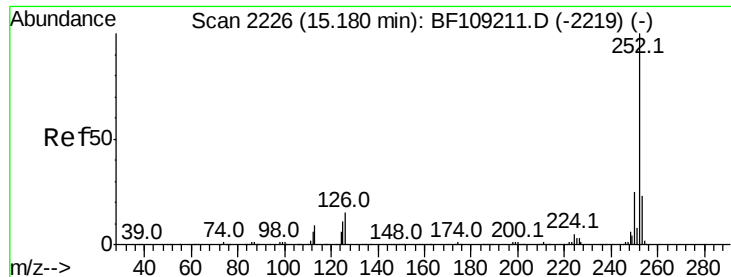
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





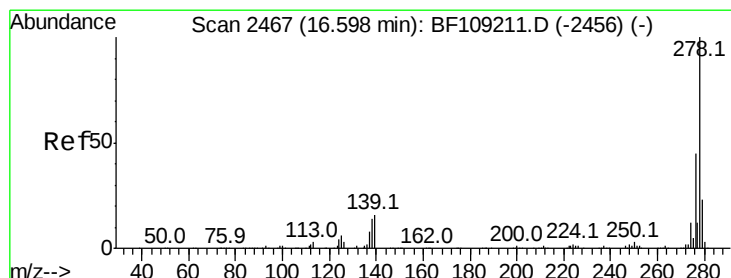
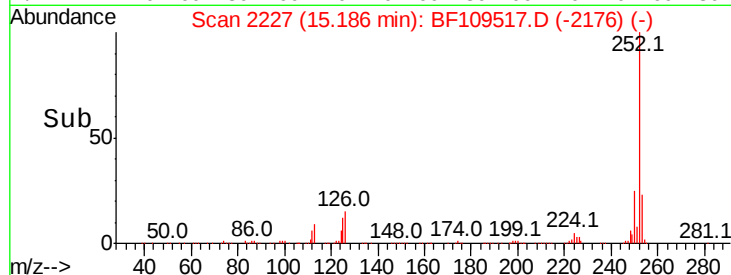
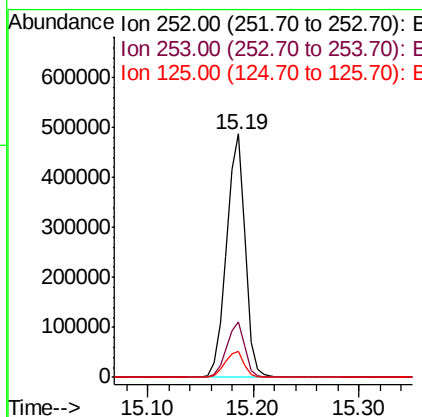
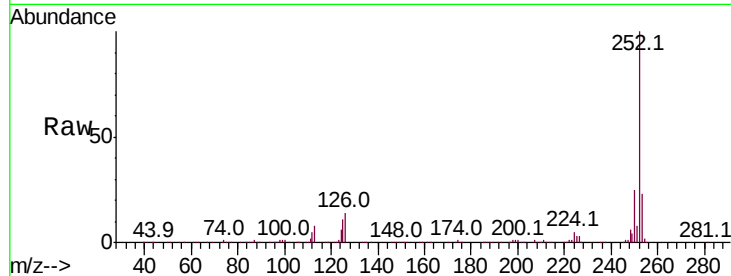
#89
Benzo(a)pyrene
Concen: 48.153 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Instrument :
BNA_F
ClientSampleId :
PB113418BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.8	9.8	14.6

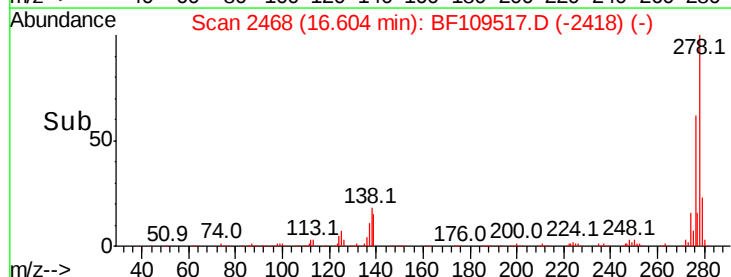
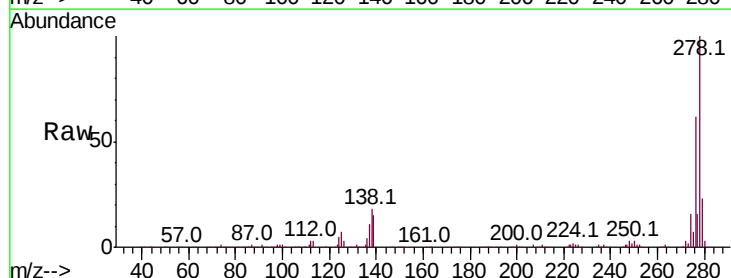
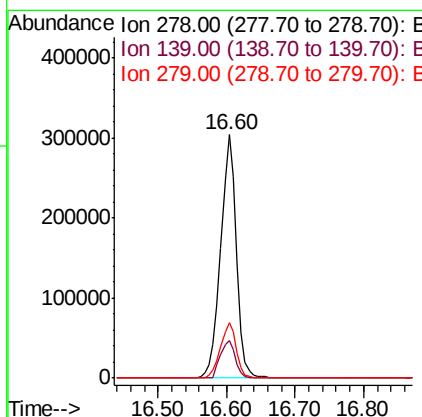
Manual Integrations
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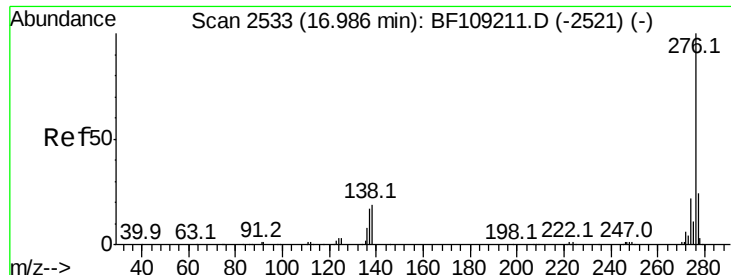
Sohil
10/3/2018 9:31:06 AM



#90
Dibenzo(a,h)anthracene
Concen: 47.932 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF109517.D
Acq: 2 Oct 2018 22:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9#
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.271 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BF109517.D
 Acq: 2 Oct 2018 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BS

Tot Ion:	276	Resp:	449488
Ion Ratio	Lower	Upper	
276	100		
277	23.8	17.9	26.9
138	20.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/3/2018 9:31:06 AM

