

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108753.D
 Acq On : 4 Sep 2018 20:49
 Operator : JU/SJ
 Sample : J4748-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:47:46 PM

Quant Time: Sep 05 05:37:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	69241	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	260803	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	122738	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	258219	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	196550	20.00	ng	-0.01
86) Perylene-d12	15.74	264	141139	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	320635	80.44	ng	-0.02
7) Phenol-d6	6.62	99	492917	86.35	ng	-0.02
23) Nitrobenzene-d5	7.56	82	340575	66.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	149293	92.14	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	617046	67.60	ng	-0.02
78) Terphenyl-d14	13.11	244	767622	75.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	56485	30.494	ng	86
3) Pyridine	3.68	79	116988	27.335	ng	87
4) n-Nitrosodimethylamine	3.65	42	51411	24.082	ng	# 72
6) Aniline	6.68	93	174776	28.373	ng	# 83
8) 2-Chlorophenol	6.78	128	189068	38.796	ng	95
9) Benzaldehyde	6.64	77	81153m	23.000	ng	
10) Phenol	6.64	94	188140	28.262	ng	83
11) bis(2-Chloroethyl)ether	6.72	93	214419	36.579	ng	98
12) 1,3-Dichlorobenzene	6.93	146	194010	34.335	ng	97
13) 1,4-Dichlorobenzene	7.01	146	227431	36.873	ng	98
14) 1,2-Dichlorobenzene	7.16	146	222884	39.346	ng	97
15) Benzyl Alcohol	7.15	79	105028m	25.576	ng	
16) 2,2'-oxybis(1-Chloropropan	7.25	45	338867	37.683	ng	76
17) 2-Methylphenol	7.24	107	130770	34.513	ng	# 76
18) Hexachloroethane	7.50	117	64143	30.239	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	136368	35.671	ng	91
20) 3+4-Methylphenols	7.40	107	145710	30.693	ng	# 21
22) Acetophenone	7.40	105	269766	41.434	ng	# 88
24) Nitrobenzene	7.58	77	183045	35.134	ng	93
25) Isophorone	7.80	82	378585	44.355	ng	95
26) 2-Nitrophenol	7.90	139	69286	29.378	ng	87
27) 2,4-Dimethylphenol	7.92	122	161852	47.186	ng	97
28) bis(2-Chloroethoxy)methane	8.01	93	214559	39.793	ng	98
29) 2,4-Dichlorophenol	8.14	162	148730	36.549	ng	98
30) 1,2,4-Trichlorobenzene	8.21	180	171878	37.771	ng	95
31) Naphthalene	8.30	128	555566	44.723	ng	99
32) Benzoic acid	8.03	122	25024m	11.376	ng	
33) 4-Chloroaniline	8.36	127	181888	33.169	ng	97
34) Hexachlorobutadiene	8.40	225	114779	38.415	ng	97
35) Caprolactam	8.71	113	35996	33.197	ng	# 82
36) 4-Chloro-3-methylphenol	8.83	107	152745	34.973	ng	99
37) 2-Methylnaphthalene	8.99	142	340938	40.565	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	180738	41.478	ng	# 97
40) Hexachlorocyclopentadiene	9.13	237	9646	11.814	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	92273	35.760	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	111675	37.113	nq	94
45) 1,1'-Biphenyl	9.45	154	437539	40.948	nq	99
46) 2-Chloronaphthalene	9.48	162	335065	40.055	nq	97
47) 2-Nitroaniline	9.59	65	114935	41.081	nq	86
48) Acenaphthylene	9.90	152	522499	42.664	nq	100
49) Dimethylphthalate	9.74	163	544964	56.385	nq #	99
50) 2,6-Dinitrotoluene	9.82	165	75314	35.352	nq #	91
51) Acenaphthene	10.07	154	302650	41.332	nq	100
52) 3-Nitroaniline	10.01	138	99914	43.353	nq	91
54) Dibenzofuran	10.24	168	453620	39.590	nq	95
55) 4-Nitrophenol	10.19	139	57059	41.258	nq	84
56) 2,4-Dinitrotoluene	10.23	165	91715	32.513	nq #	89
57) Fluorene	10.58	166	373063	42.014	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.36	232	113808	42.219	nq #	78
59) Diethylphthalate	10.44	149	389365	39.986	nq	97
60) 4-Chlorophenyl-phenylether	10.57	204	191557	38.017	nq	93
61) 4-Nitroaniline	10.64	138	89400	40.087	nq	86
62) Azobenzene	10.73	77	374693	38.713	nq	93
65) n-Nitrosodiphenylamine	10.70	169	338922	39.506	nq	97
66) 4-Bromophenyl-phenylether	11.07	248	126646	39.906	nq #	86
67) Hexachlorobenzene	11.13	284	129411	37.850	nq #	89
68) Atrazine	11.21	200	107513	45.497	nq	97
69) Pentachlorophenol	11.34	266	97313	53.563	nq	99
70) Phenanthrene	11.55	178	523509	40.166	nq	99
71) Anthracene	11.61	178	640260	46.752	nq	99
72) Carbazole	11.77	167	541515	40.894	nq	100
73) Di-n-butylphthalate	12.07	149	624925	41.018	nq	99
74) Fluoranthene	12.75	202	661577	45.095	nq	94
76) Benzidine	12.88	184	487435	88.102	nq	98
77) Pyrene	12.98	202	639716	43.297	nq	100
79) Butylbenzylphthalate	13.58	149	276037	44.430	nq	96
80) Benzo(a)anthracene	14.18	228	472648	39.446	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	191931	44.169	nq #	96
82) Chrysene	14.21	228	490344	42.554	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	375708	47.047	nq	99
84) Di-n-octyl phthalate	14.75	149	552612	47.066	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	345116	43.074	nq #	88
87) Benzo(b)fluoranthene	15.27	252	348367	40.181	nq #	96
88) Benzo(k)fluoranthene	15.30	252	372973	43.426	nq #	95
89) Benzo(a)pyrene	15.68	252	329365	42.037	nq #	96
90) Dibenzo(a,h)anthracene	17.37	278	291221	46.538	nq #	92
91) Benzo(g,h,i)perylene	17.85	276	277876	45.688	nq #	88

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

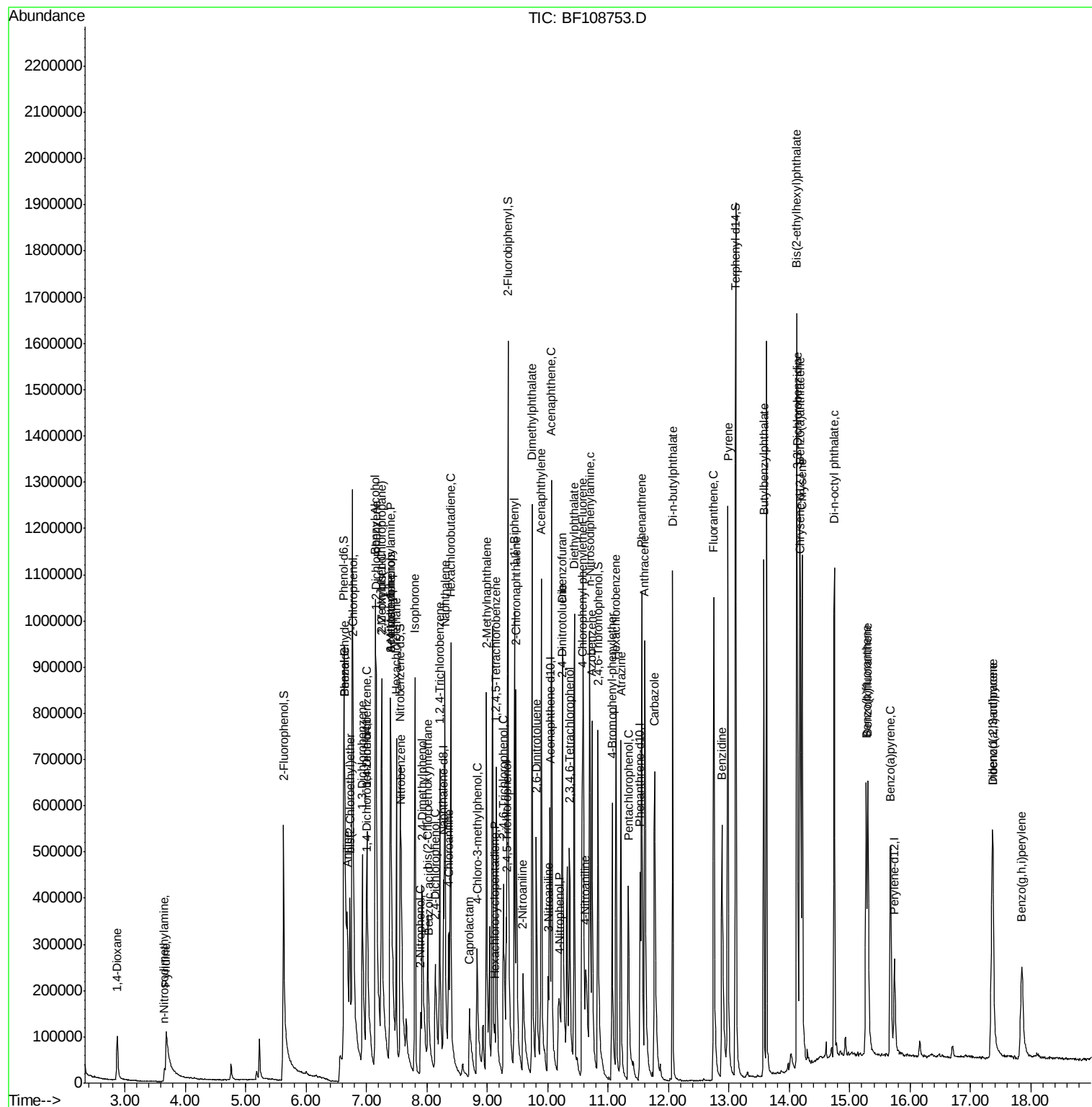
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
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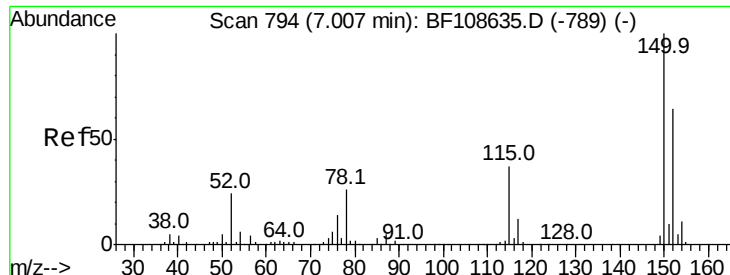
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#1

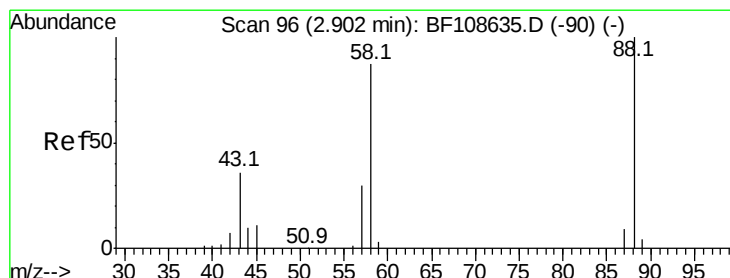
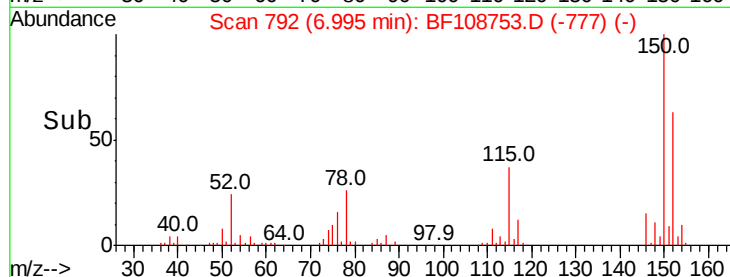
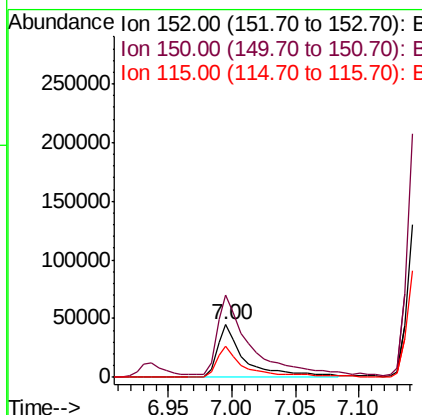
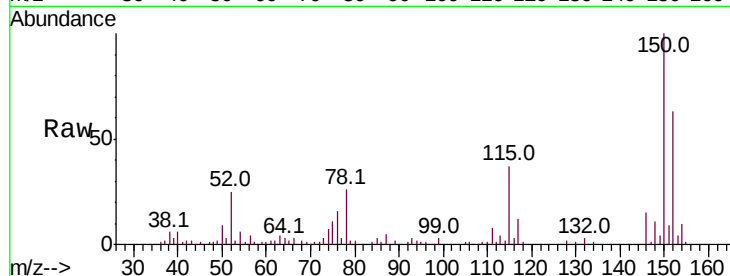
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	58.3	50.1	75.1

Manual Integrations
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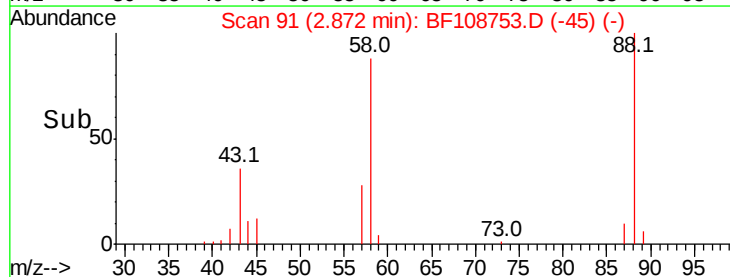
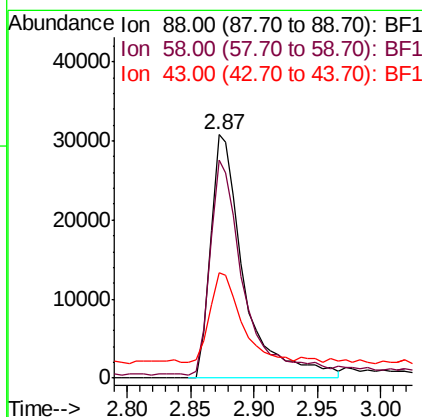
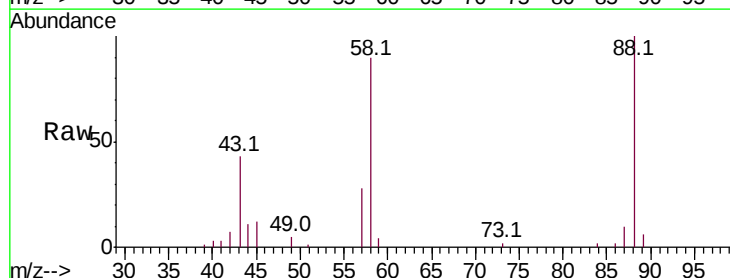
Sohil
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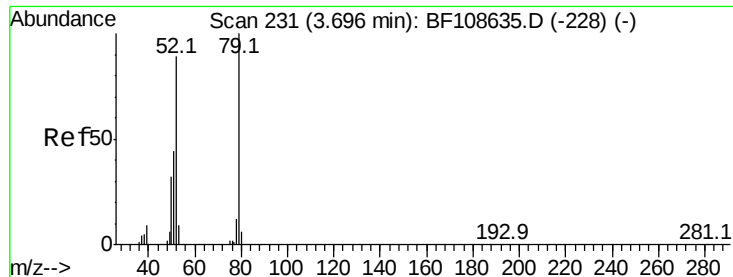


#2

1,4-Dioxane
Concen: 30.494 ng
RT: 2.87 min Scan# 91
Delta R.T. -0.03 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.0	62.6	93.8
43	34.9	24.6	37.0





#3

Pvridine

Concen: 27.335 ng

RT: 3.68 min Scan# 229

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

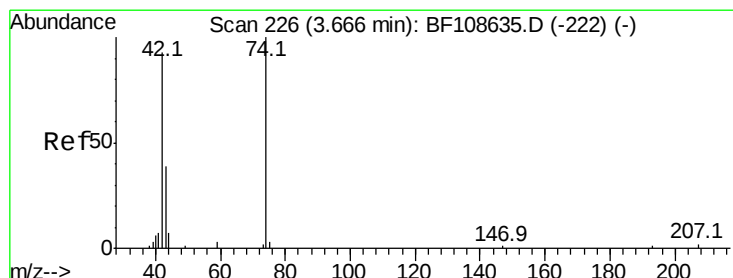
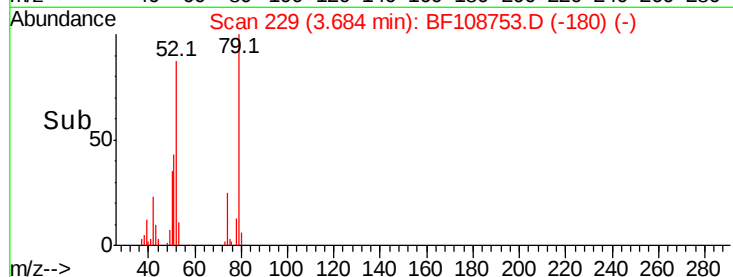
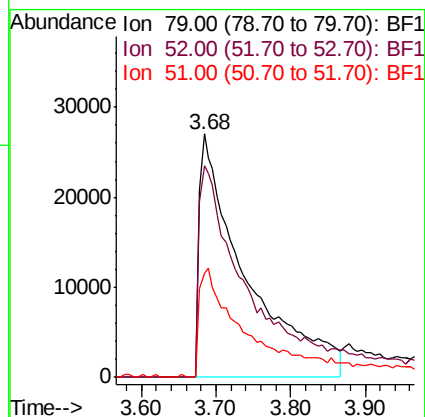
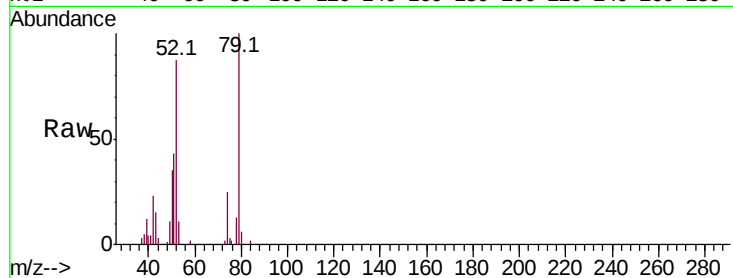
ClientSampleId :

SB-11MSD

Tot Ion:	79	Resp:	116988
Ion Ratio	Lower	Upper	
79	100		
52	87.1	59.8	89.6
51	42.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 24.082 ng

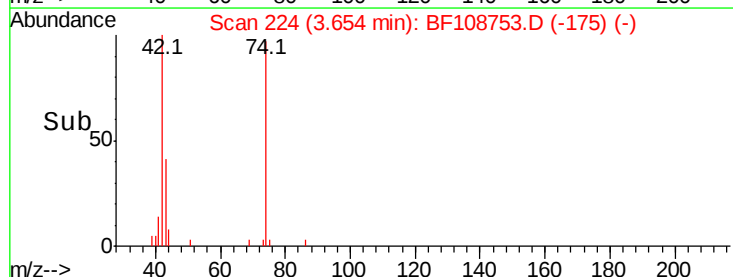
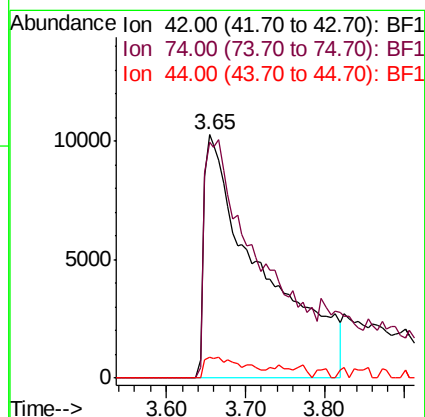
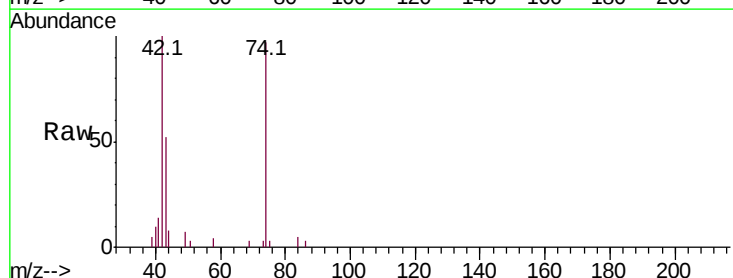
RT: 3.65 min Scan# 224

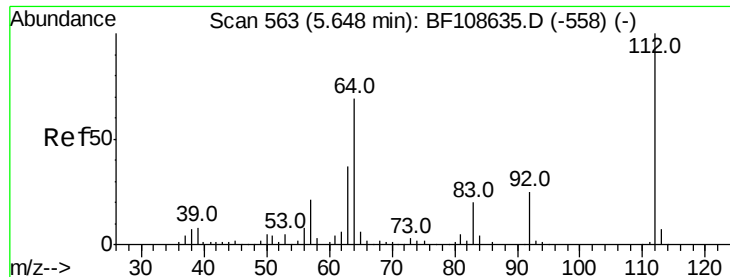
Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion:	42	Resp:	51411
Ion Ratio	Lower	Upper	
42	100		
74	96.8	104.9	157.3#
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 80.445 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

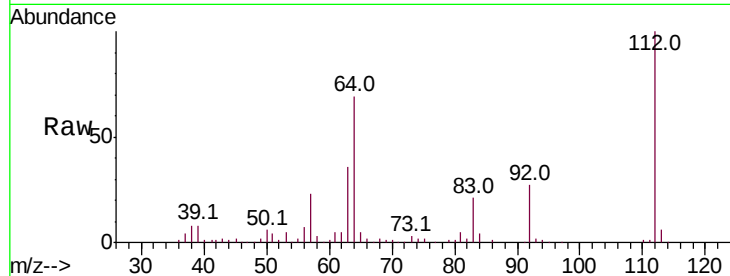
ClientSampled :

SB-11MSD

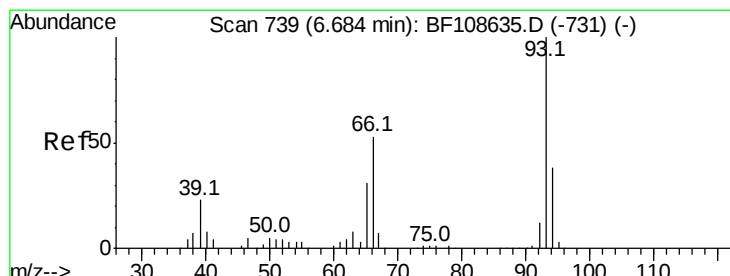
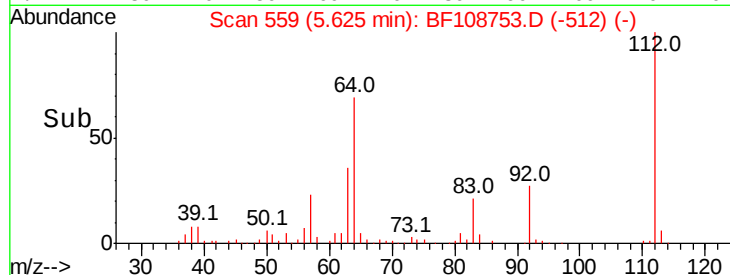
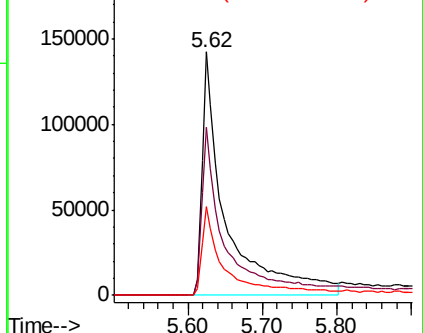
Tot Ion:	112	Resp:	320635
Ion Ratio	Lower	Upper	
112	100		
64	69.2	47.9	71.9
63	36.3	23.7	35.5#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.373 ng

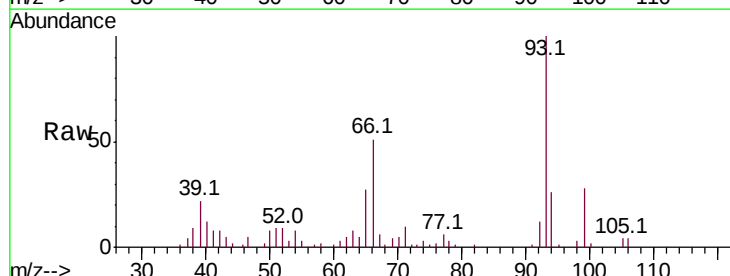
RT: 6.68 min Scan# 738

Delta R.T. -0.01 min

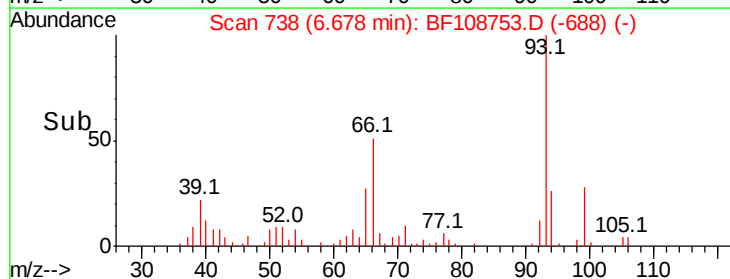
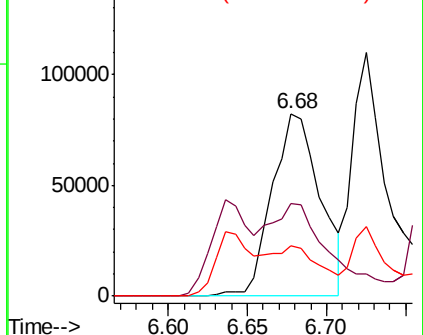
Lab File: BF108753.D

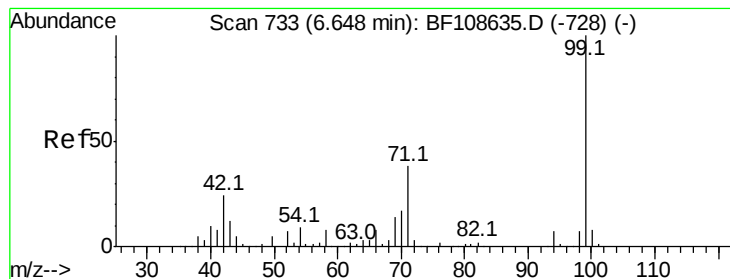
Acq: 4 Sep 2018 20:49

Tgt Ion:	93	Resp:	174776
Ion Ratio	Lower	Upper	
93	100		
66	51.0	32.2	48.2#
65	27.3	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.346 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

SB-11MSD

Tot Ion: 99 Resp: 492917

Ion Ratio Lower Upper

99 100

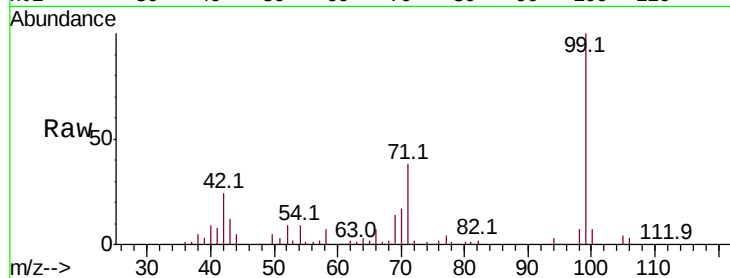
42 23.6 14.5 21.7#

71 38.0 25.4 38.0

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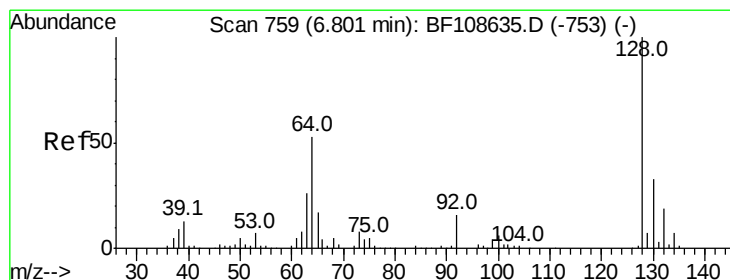
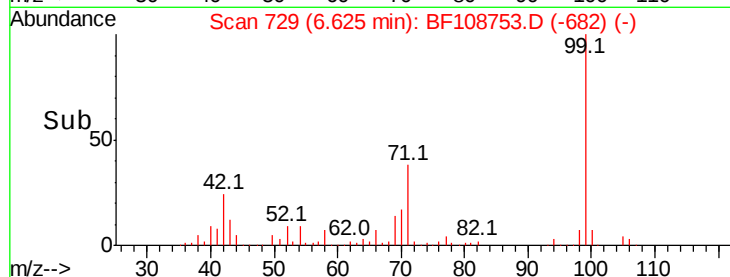
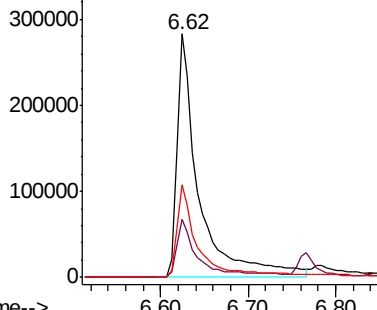
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.796 ng

RT: 6.78 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

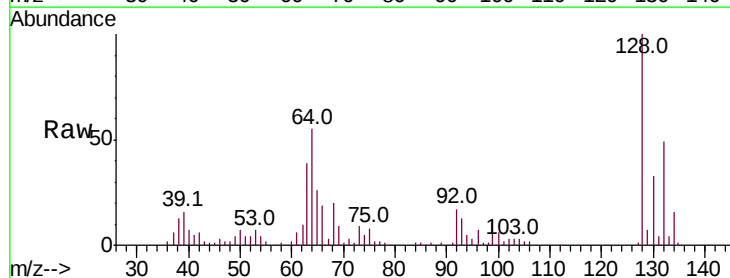
Tgt Ion:128 Resp: 189068

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

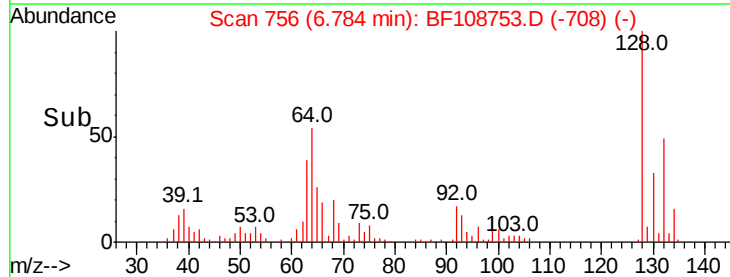
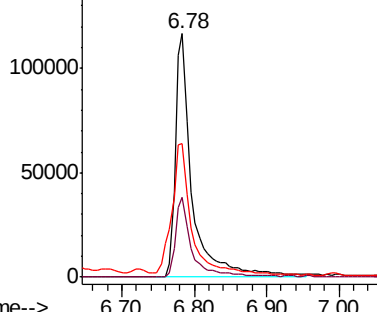
64 54.7 29.4 69.4

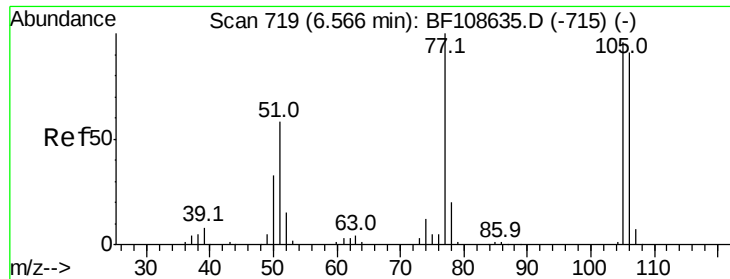


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





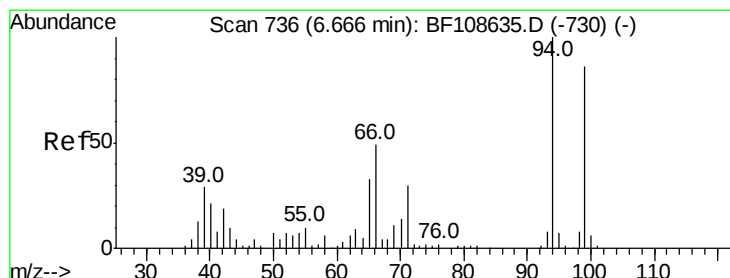
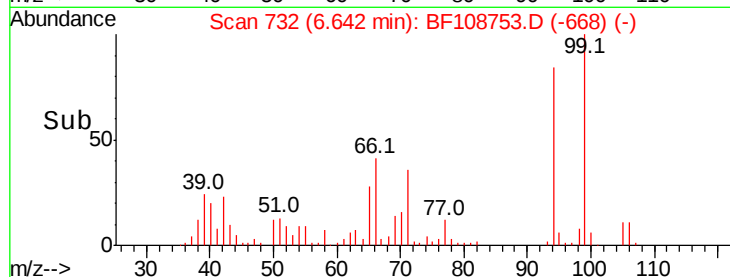
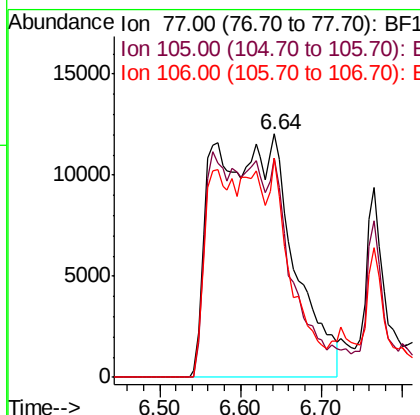
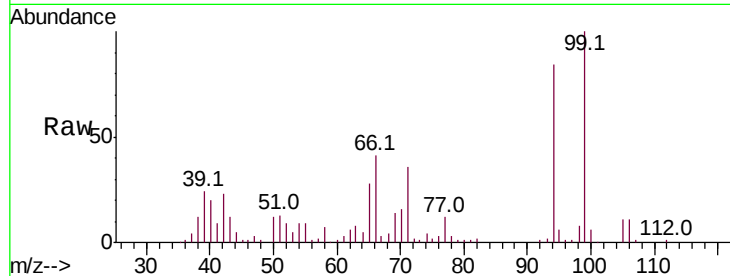
#9
Benzaldehyde
Concen: 23.000 ng/ml
RT: 6.64 min Scan# 732
Delta R.T. 0.08 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.3	81.1	121.1
106	89.9	74.5	114.5

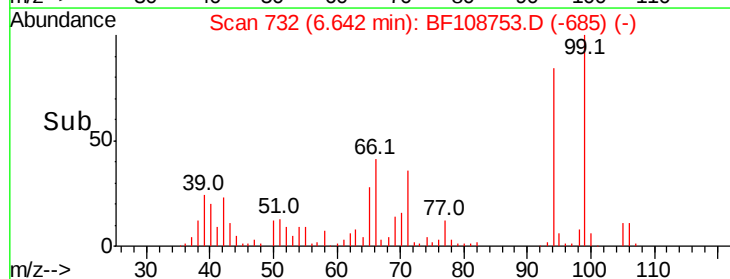
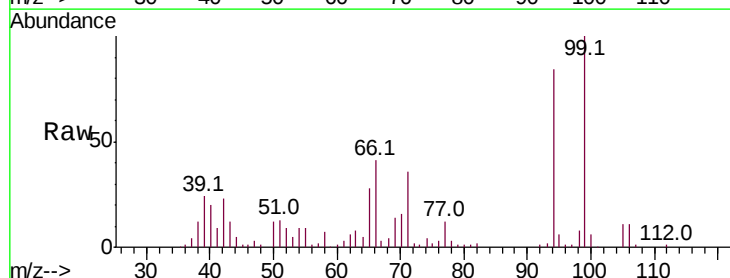
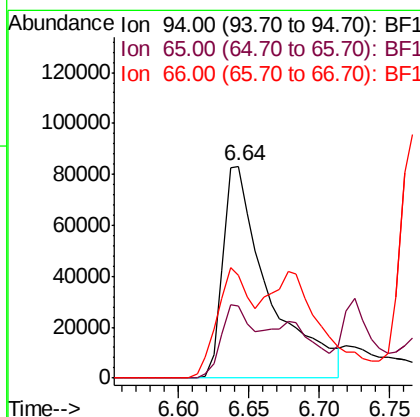
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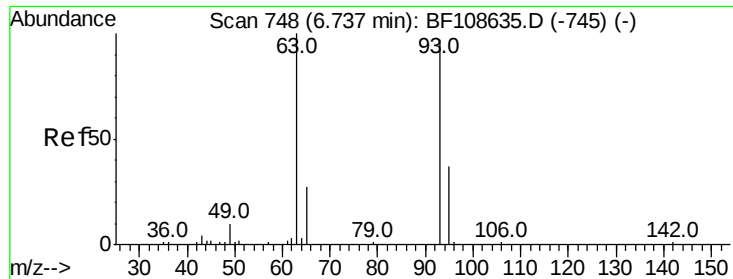
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#10
Phenol
Concen: 28.262 ng/ml
RT: 6.64 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	7.9	47.9
66	48.8	16.2	56.2





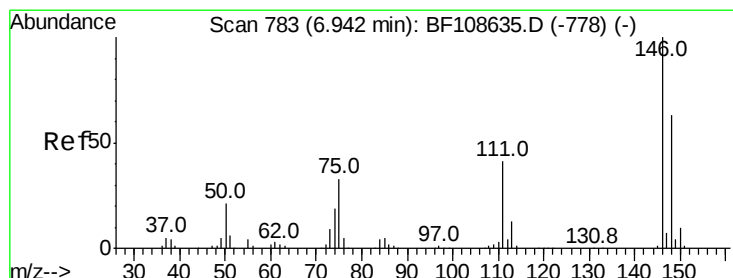
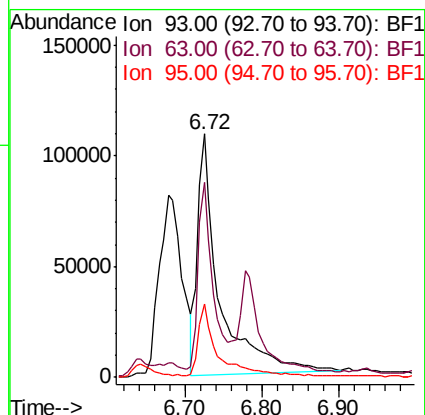
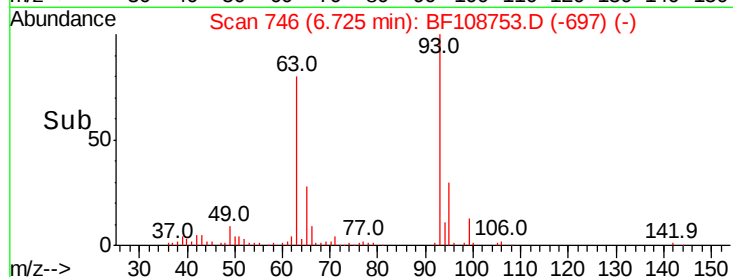
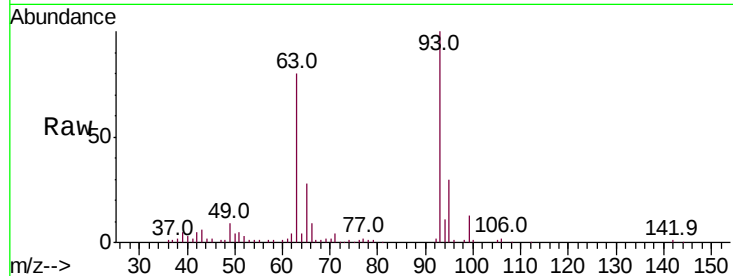
#11
bis(2-Chloroethyl)ether
Concen: 36.579 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion:	93	Resp:	214419
Ion	Ratio	Lower	Upper
93	100		
63	79.9	58.6	98.6
95	29.9	11.8	51.8

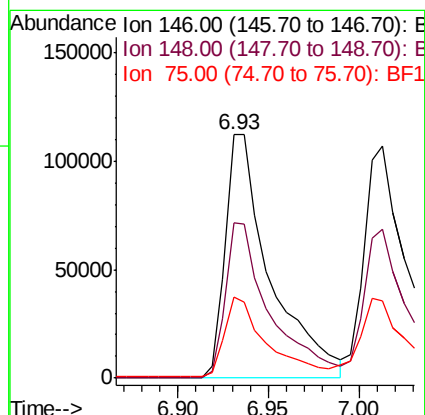
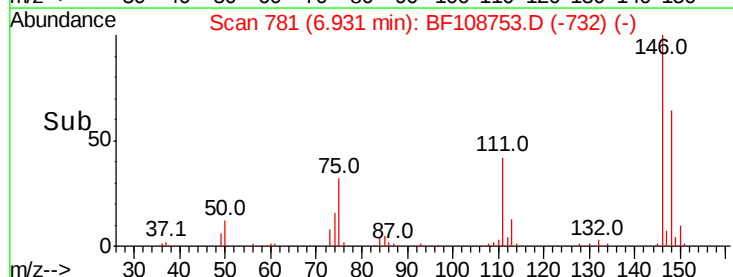
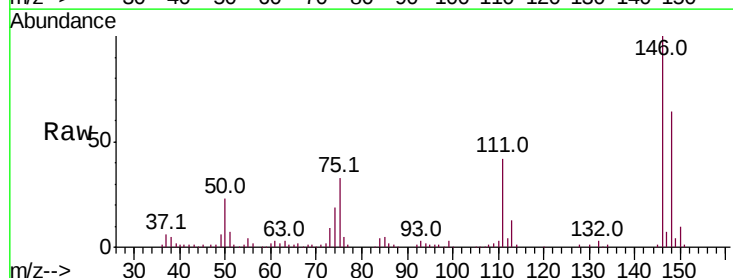
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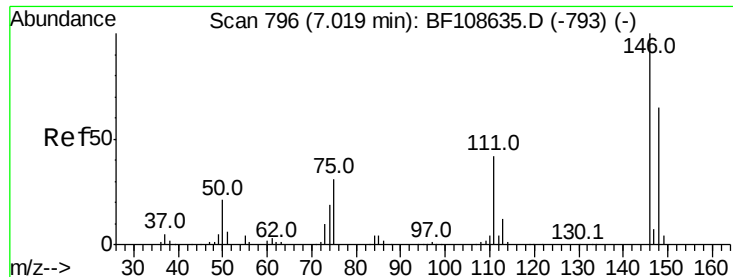
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#12
1,3-Dichlorobenzene
Concen: 34.335 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion:	146	Resp:	194010
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	33.2	24.2	36.4





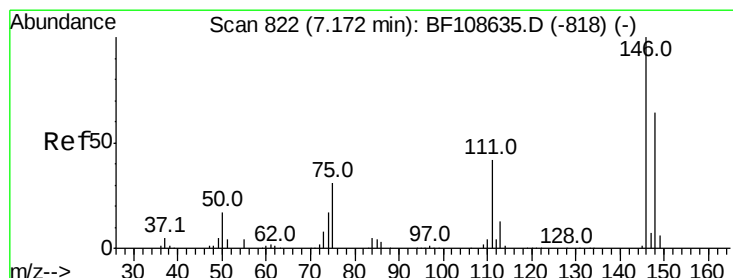
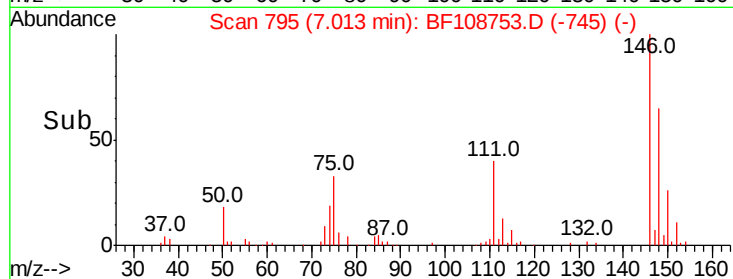
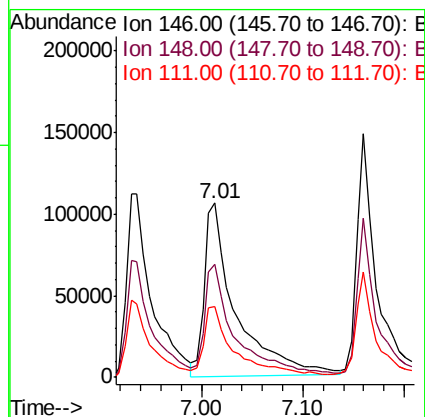
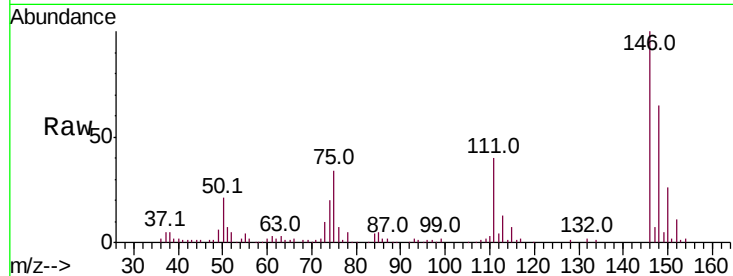
#13
 1,4-Dichlorobenzene
 Concen: 36.873 ng
 RT: 7.01 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampled :
 SB-11MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	40.4	34.2	51.2

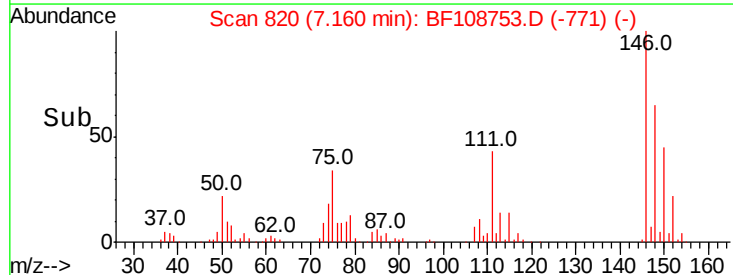
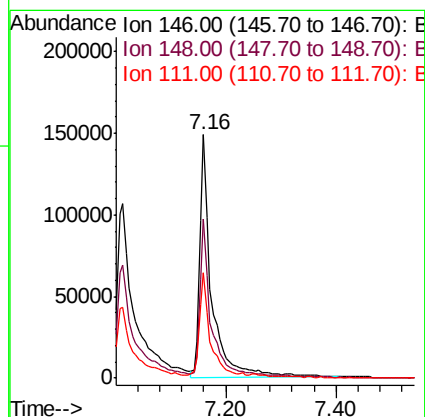
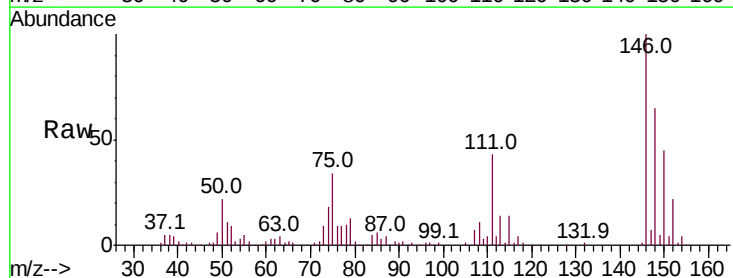
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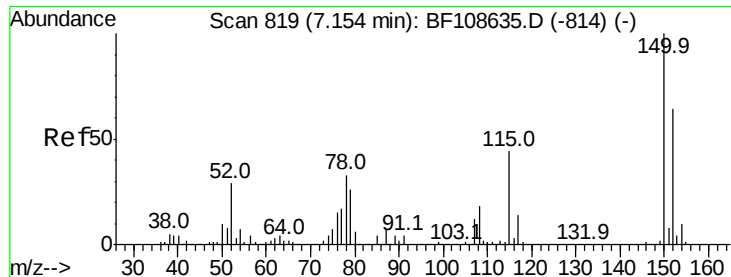
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#14
 1,2-Dichlorobenzene
 Concen: 39.346 ng
 RT: 7.16 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	75.8
111	43.3	36.0	54.0





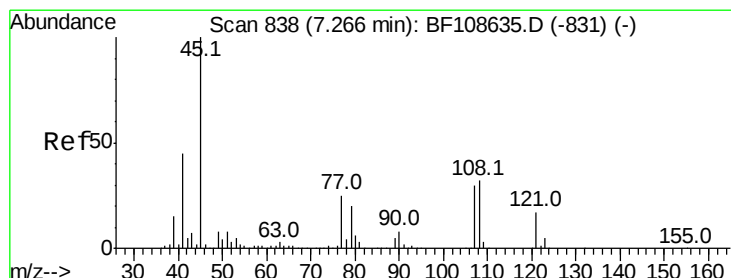
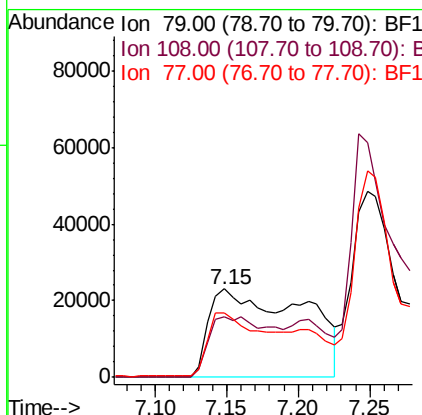
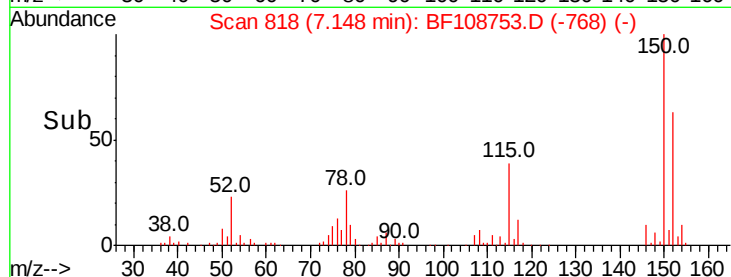
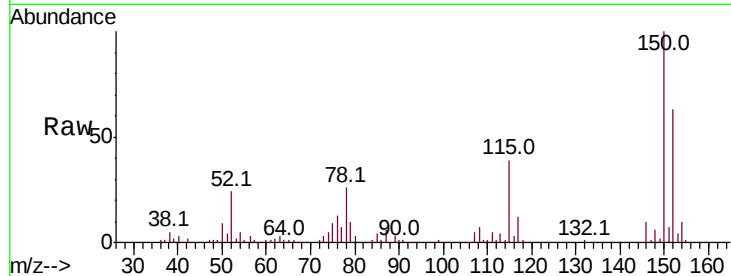
#15
Benzyl Alcohol
Concen: 25.576 ng m
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.8	65.1	97.7
77	72.6	50.6	75.8

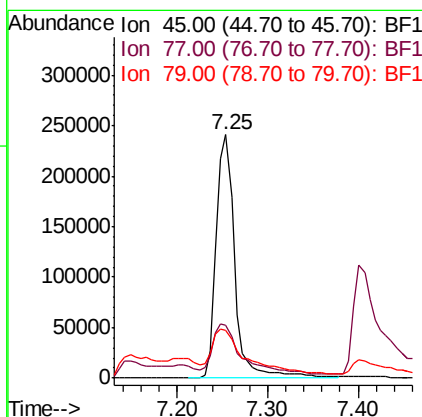
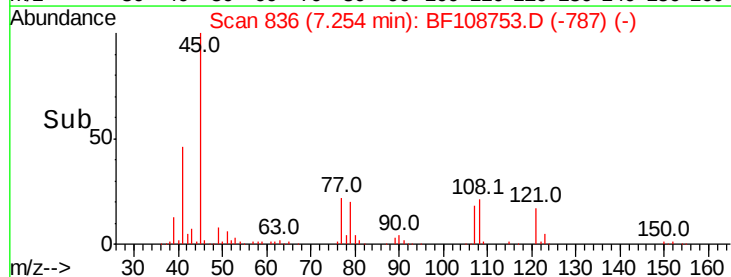
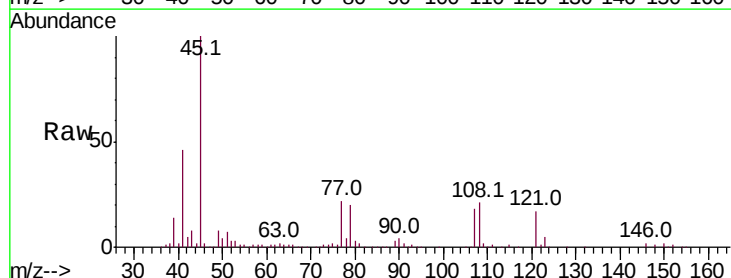
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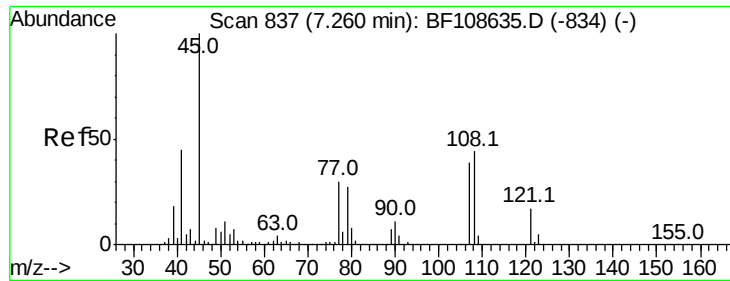
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.683 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.6	0.0	32.9
79	19.6	0.0	29.6





#17

2-Methylphenol

Concen: 34.513 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampled :

SB-11MSD

Tot Ion:107 Resp: 130770
Ion Ratio Lower Upper

107 100

108 114.0 91.7 137.5

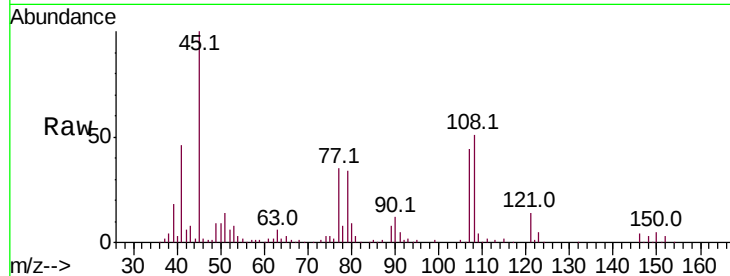
77 79.4 33.8 50.8#

79 77.4 33.8 50.8#

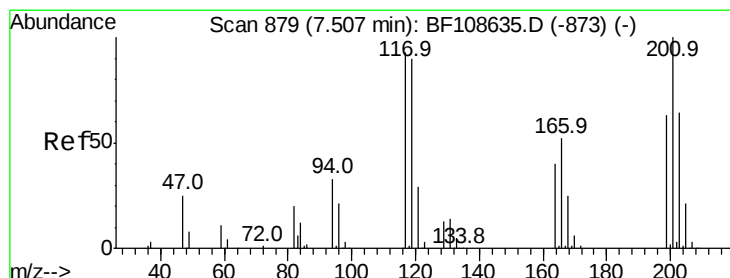
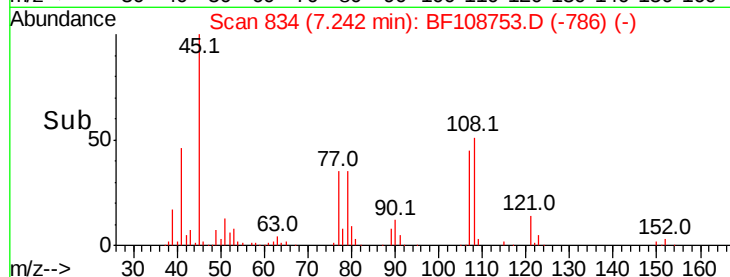
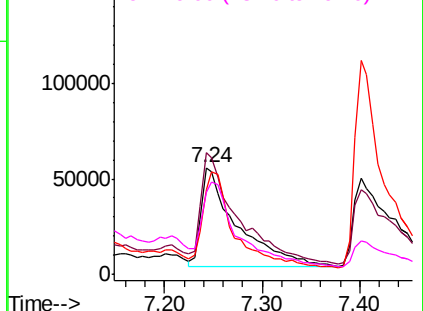
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.239 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF108753.D

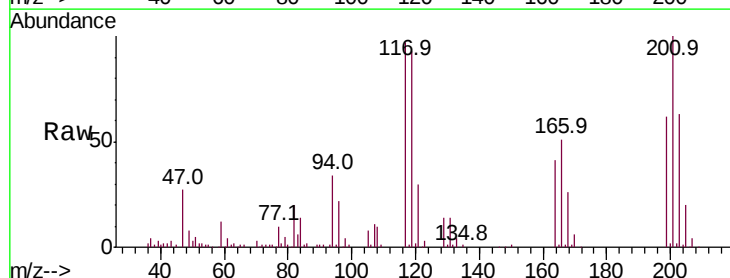
Acq: 4 Sep 2018 20:49

Tgt Ion:117 Resp: 64143
Ion Ratio Lower Upper

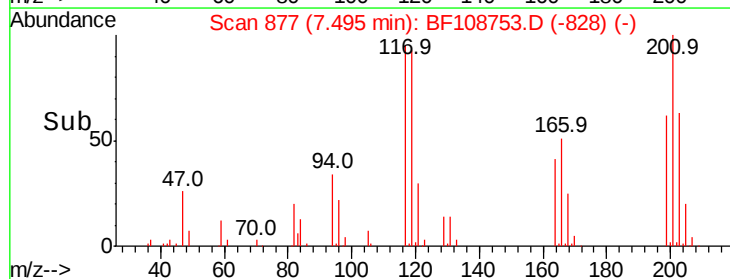
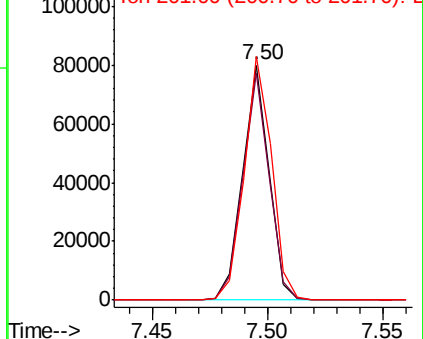
117 100

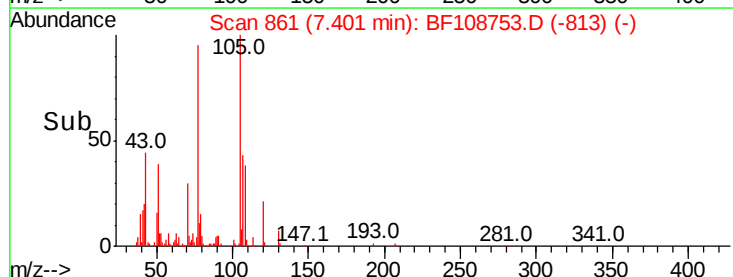
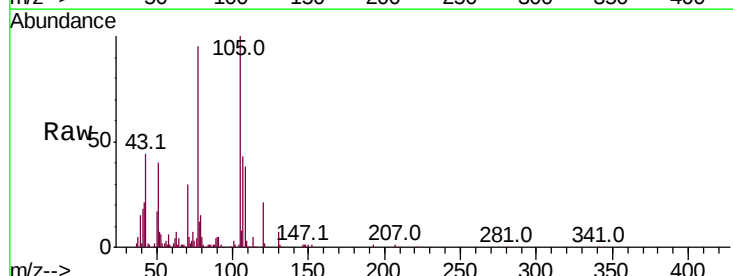
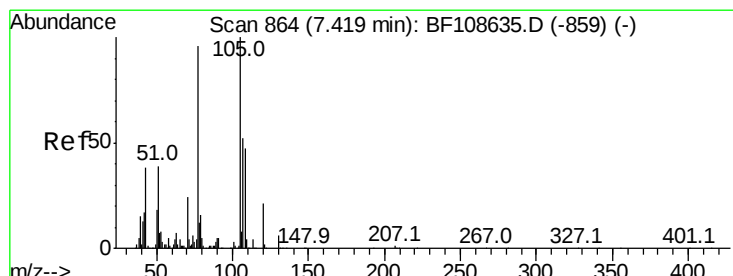
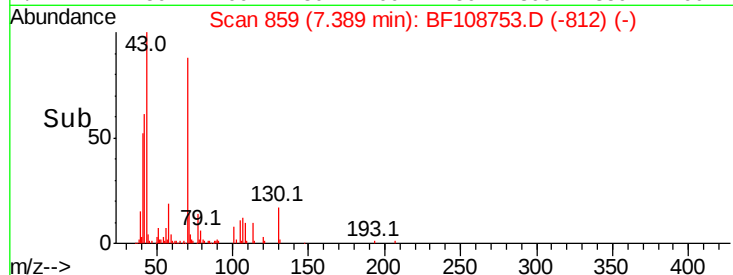
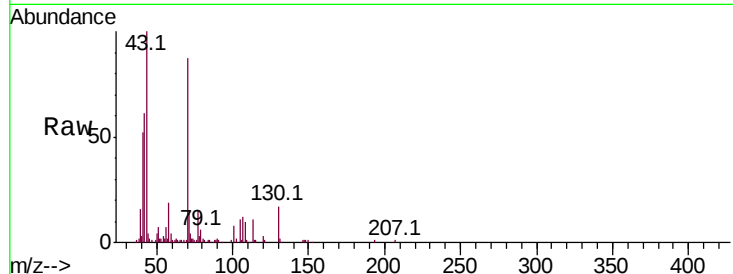
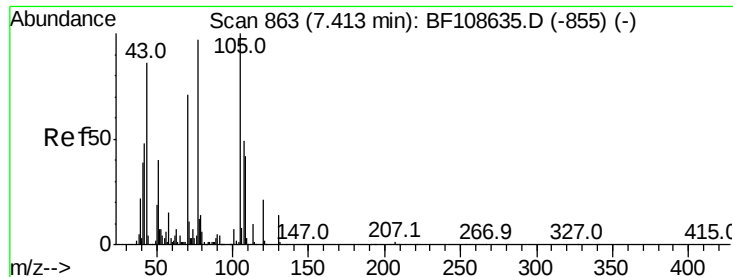
119 96.8 75.8 113.8

201 103.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.671 ng

RT: 7.39 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF108753.D

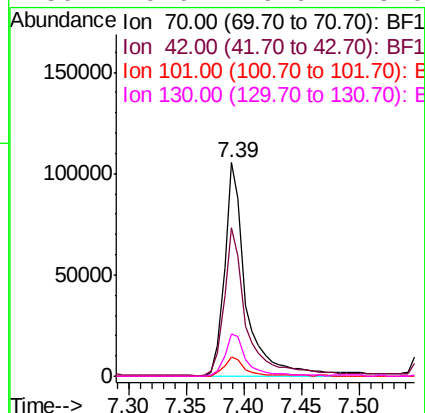
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.6	47.5	71.3
101	9.1	7.4	11.2
130	19.9	16.6	25.0

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#20

3+4-Methylphenols

Concen: 30.693 ng

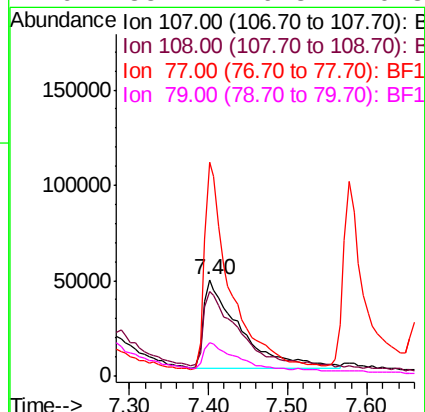
RT: 7.40 min Scan# 861

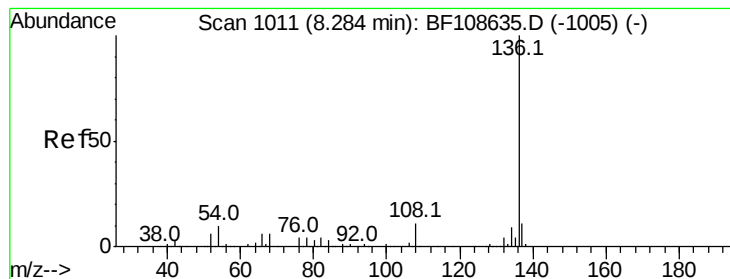
Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	221.6	26.7	66.7#
79	35.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

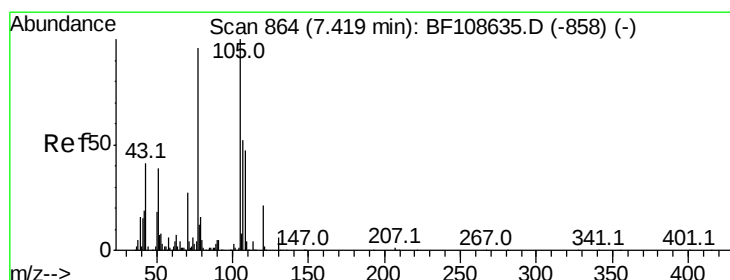
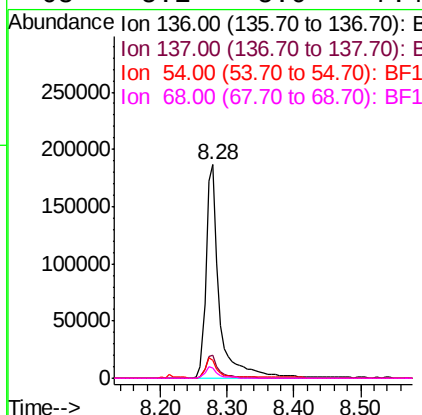
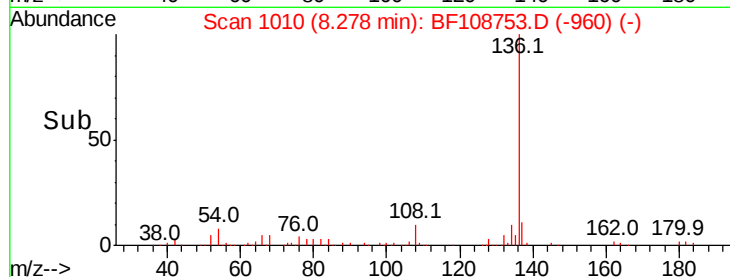
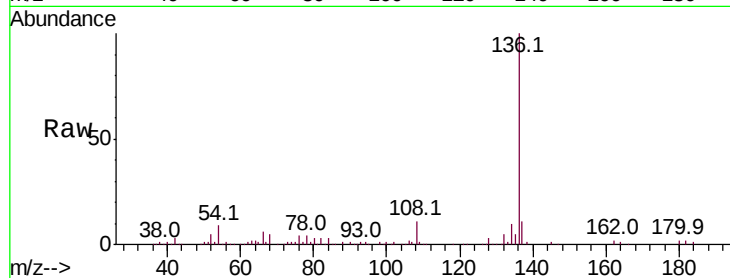
ClientSampled :

SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	260803		
137	10.9		8.9	13.3
54	8.7		6.6	9.8
68	5.1		5.0	7.4

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#22

Acetophenone

Concen: 41.434 ng

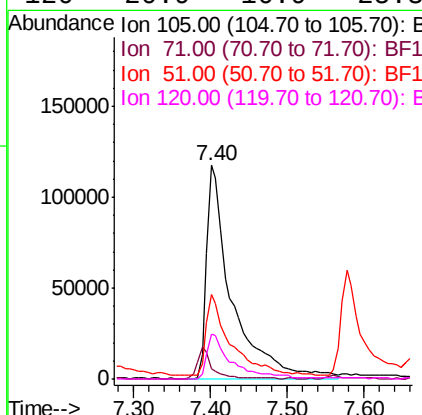
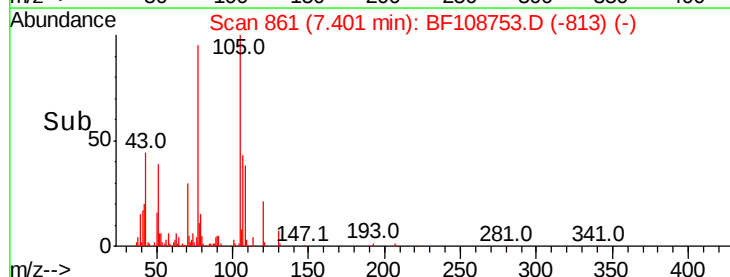
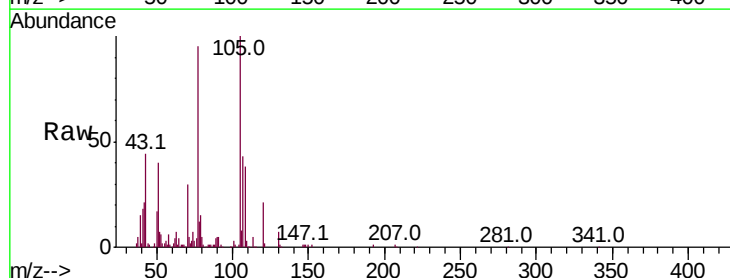
RT: 7.40 min Scan# 861

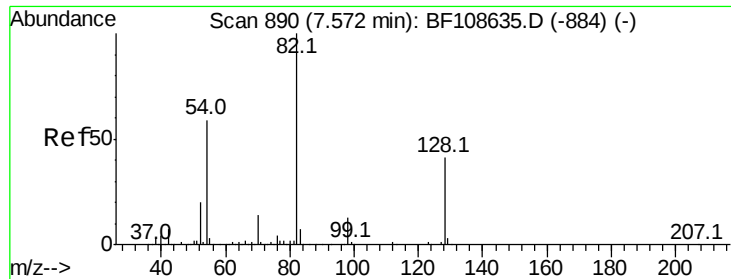
Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269766		
71	4.9		4.4	6.6
51	39.5		22.3	33.5#
120	20.9		16.9	25.3





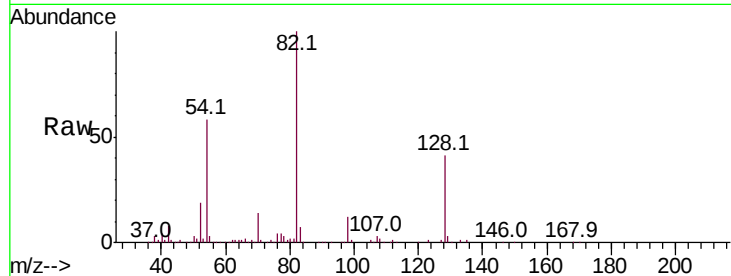
#23
Nitrobenzene-d5
Concen: 66.284 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampled :
SB-11MSD

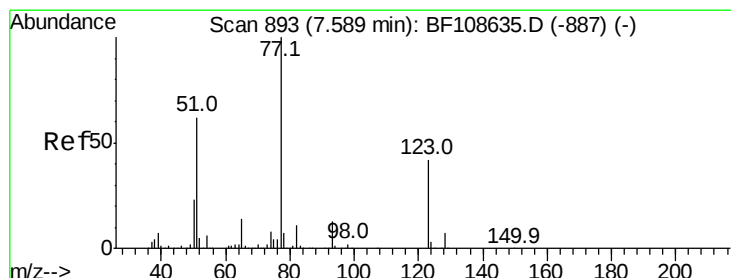
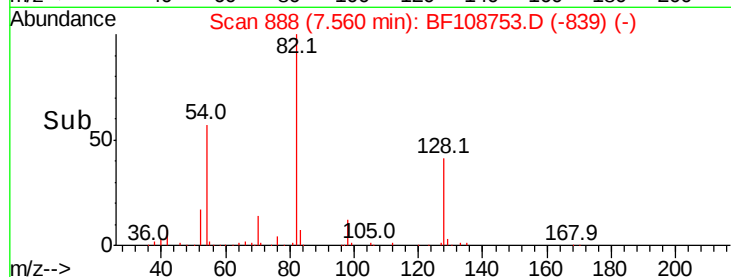
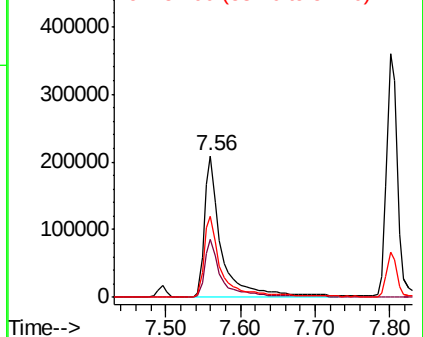
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	36.1	54.1	
54	57.5	41.4	62.2	

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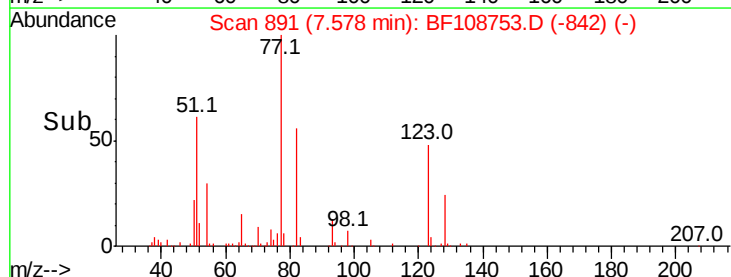
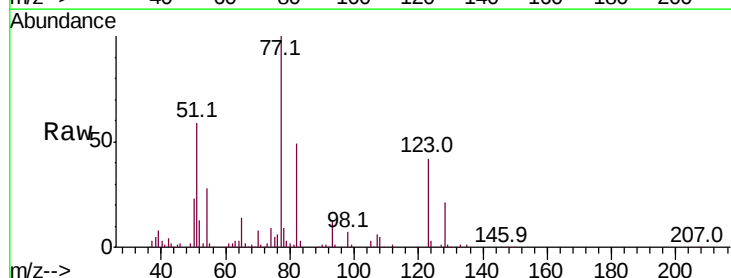
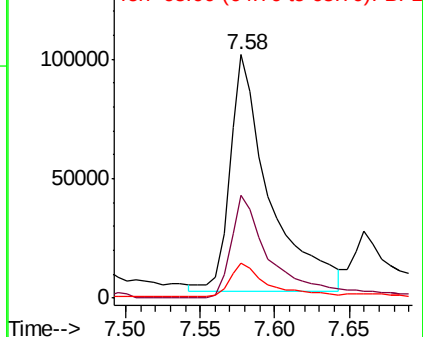
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

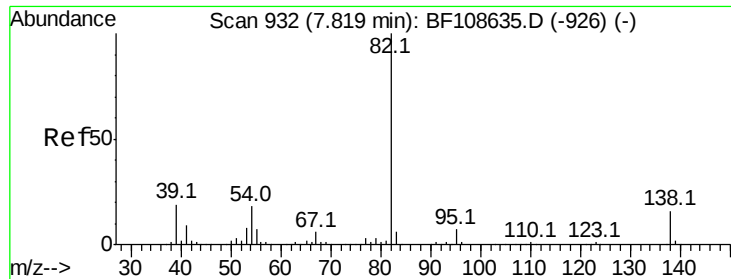


#24
Nitrobenzene
Concen: 35.134 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.1	37.9	56.9	
65	14.3	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: 44.355 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

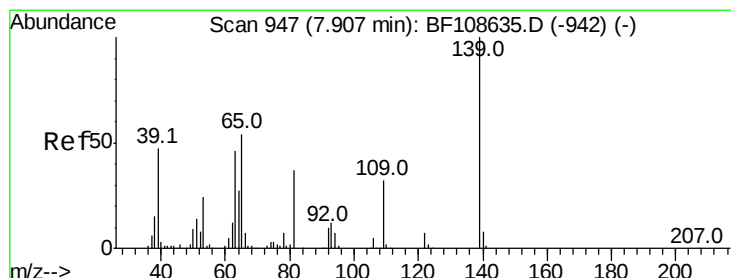
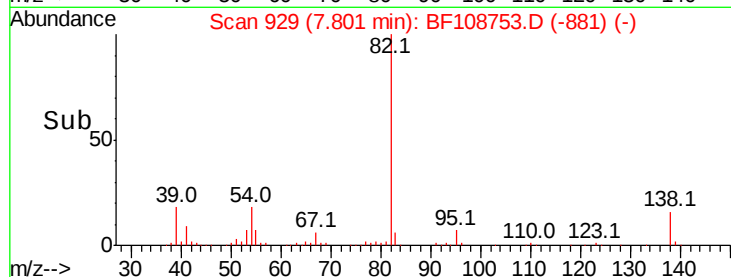
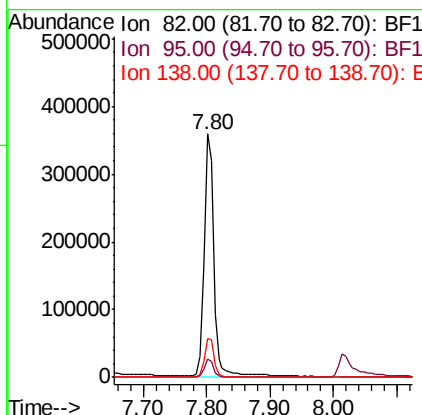
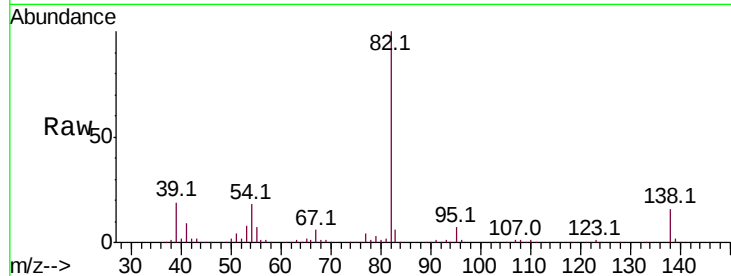
ClientSampleId :

SB-11MSD

Tot Ion:	82	Resp:	378585
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.2	7.8
138	16.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 29.378 ng

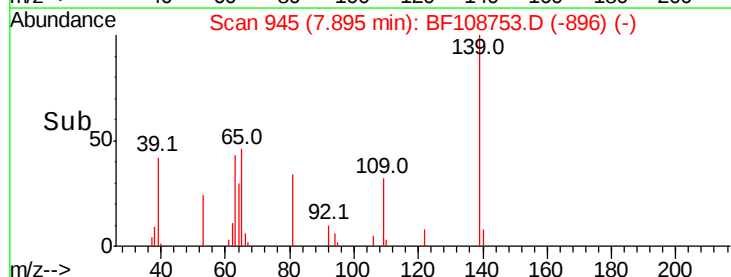
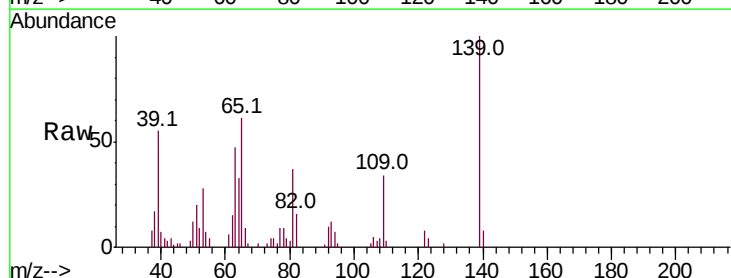
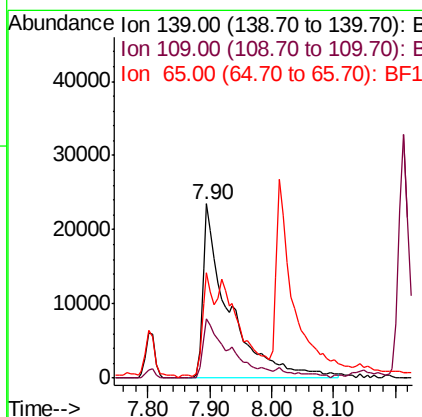
RT: 7.90 min Scan# 945

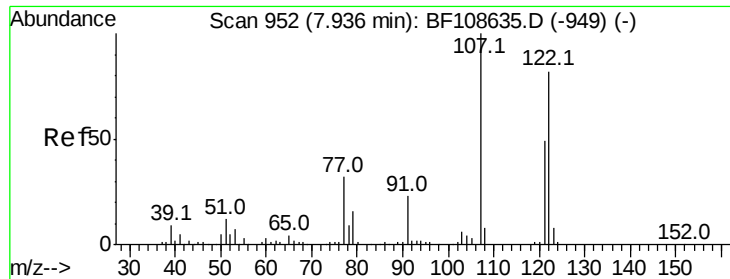
Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion:	139	Resp:	69286
Ion Ratio	Lower	Upper	
139	100		
109	33.7	22.7	34.1
65	60.6	40.5	60.7





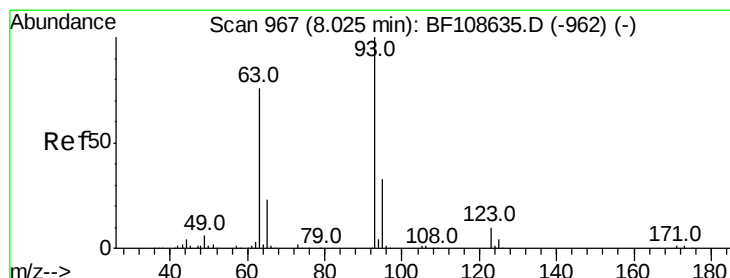
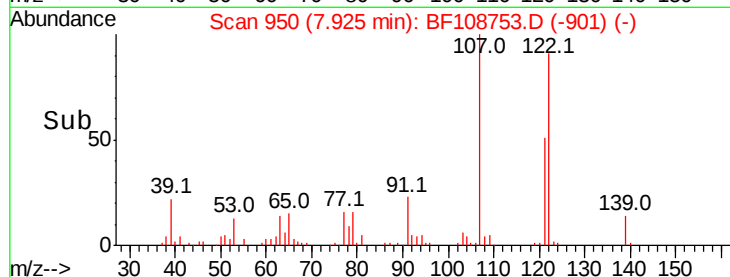
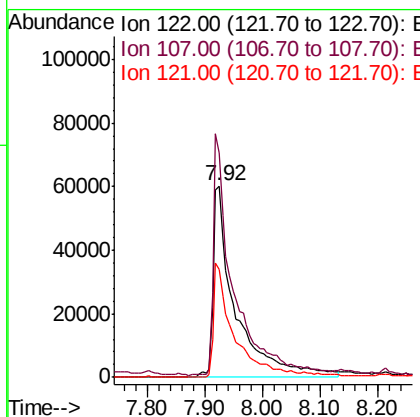
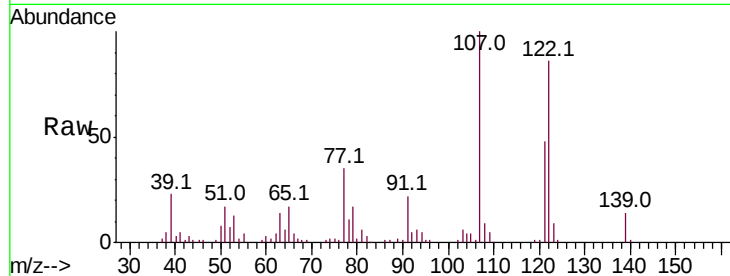
#27
2,4-Dimethylphenol
Concen: 47.186 ng
RT: 7.92 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampled :
SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	161852		
107	116.9	91.2	136.8	
121	56.4	47.2	70.8	

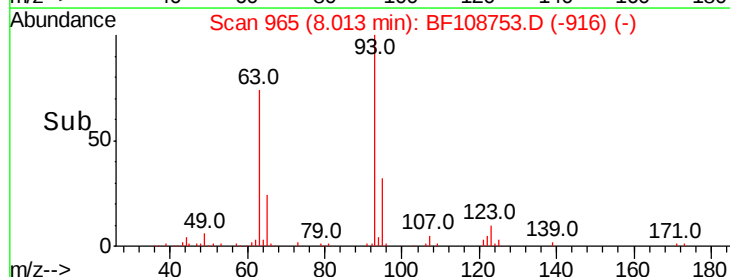
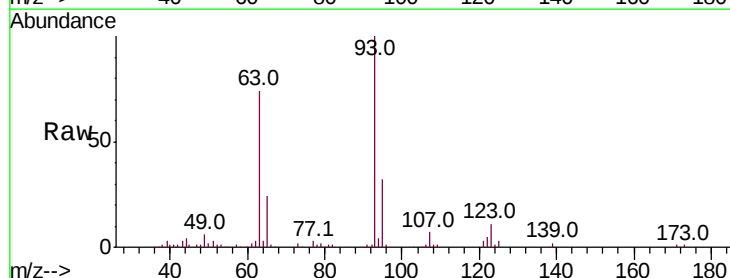
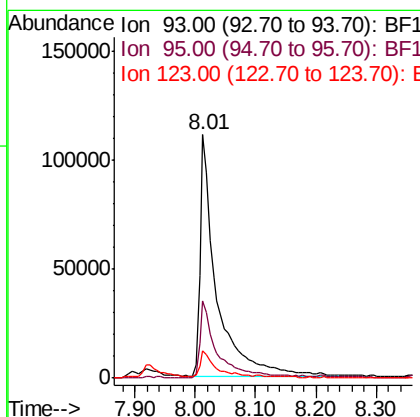
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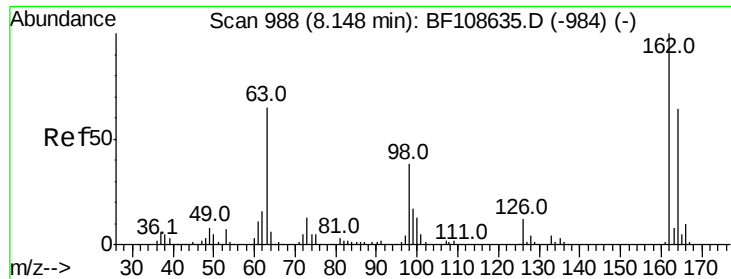
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#28
bis(2-Chloroethoxy)methane
Concen: 39.793 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	214559		
95	31.6	26.3	39.5	
123	11.1	9.8	14.6	





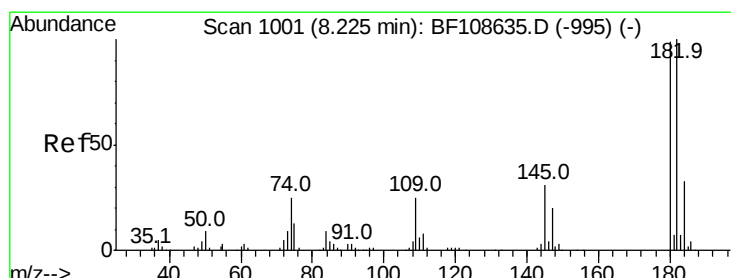
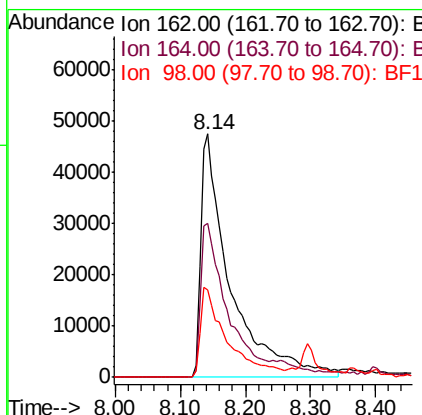
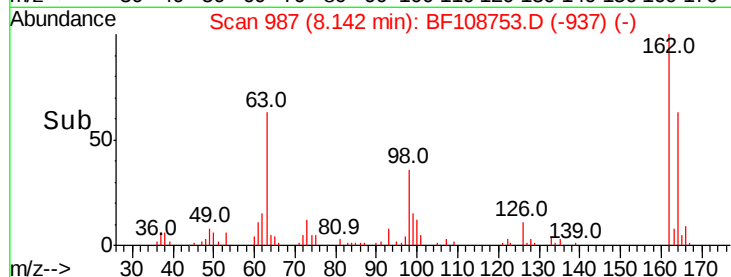
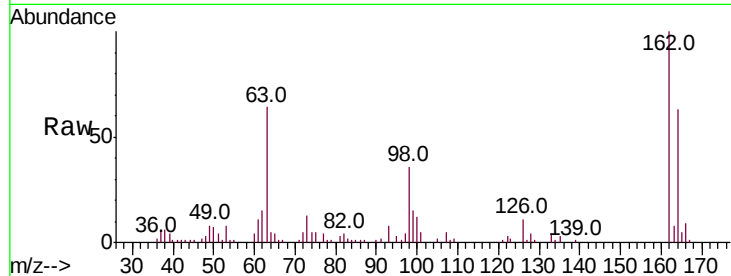
#29
 2,4-Dichlorophenol
 Concen: 36.549 ng
 RT: 8.14 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	148730		
164	63.3	42.7	82.7	
98	35.8	18.1	58.1	

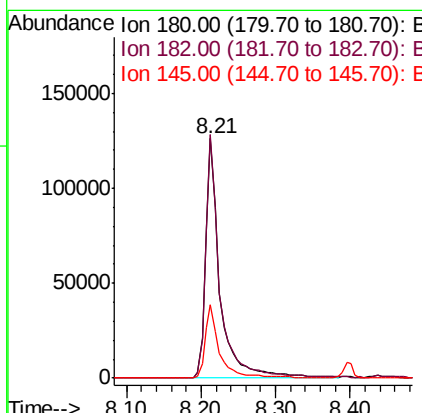
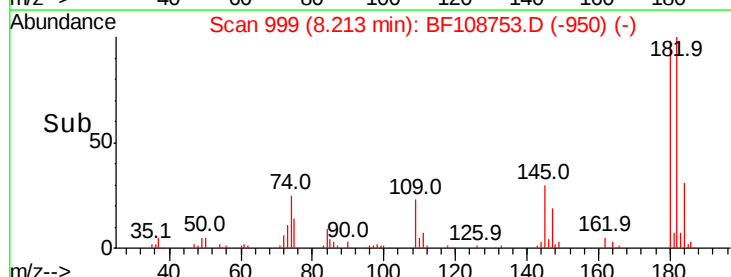
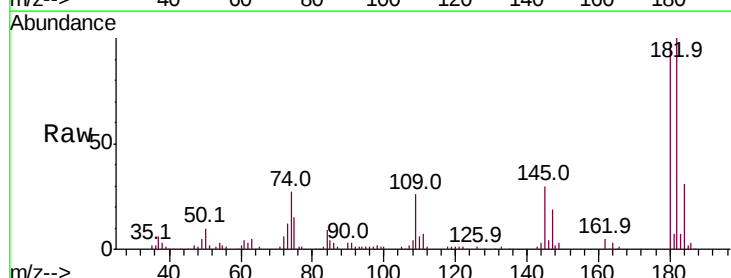
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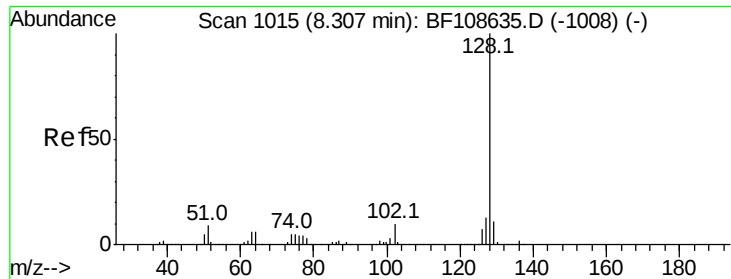
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.771 ng
 RT: 8.21 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	171878		
182	101.7	76.8	115.2	
145	30.8	26.5	39.7	





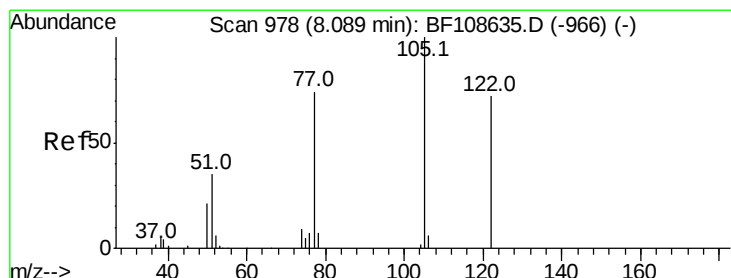
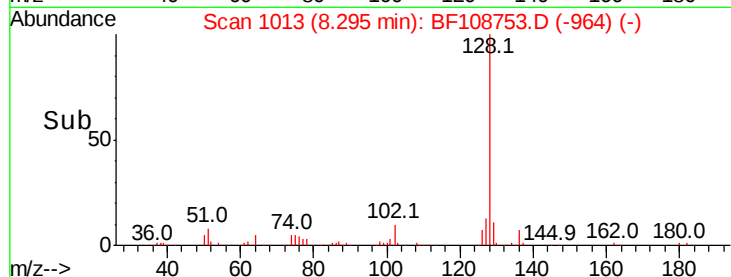
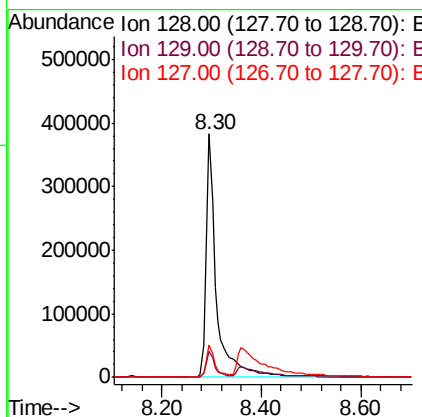
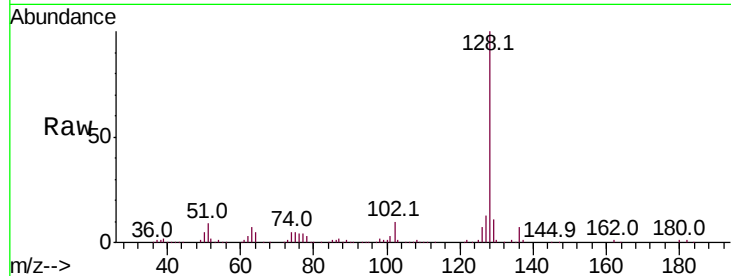
#31
Naphthalene
Concen: 44.723 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.8	13.2	
127	13.3	10.9	16.3	

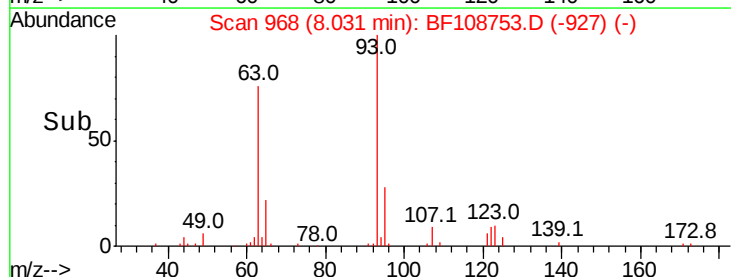
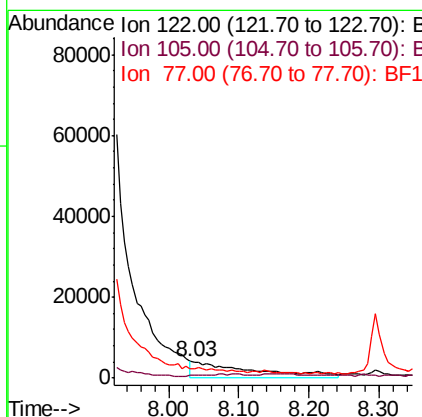
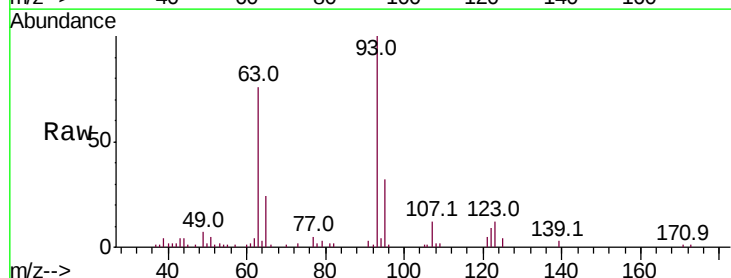
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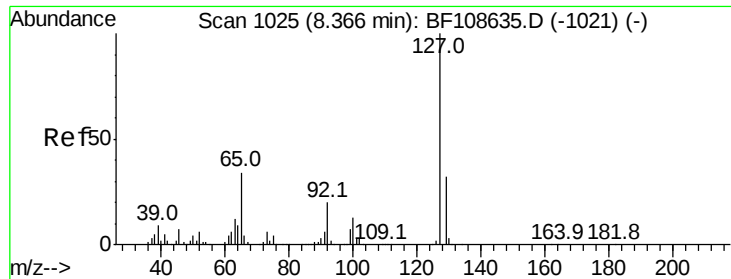
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#32
Benzoic acid
Concen: 11.376 ng m
RT: 8.03 min Scan# 968
Delta R.T. -0.06 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	14.8	101.1	141.1#	
77	57.9	70.7	110.7#	





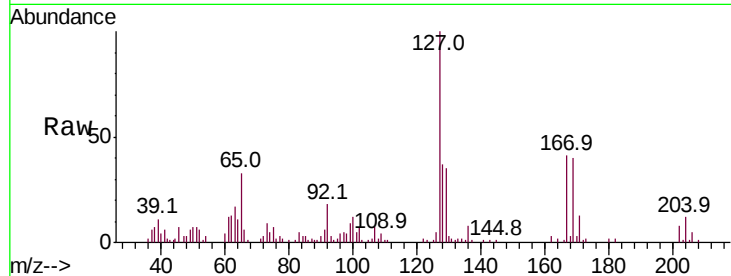
#33
4-Chloroaniline
Concen: 33.169 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.6	25.9	38.9	
65	33.3	25.0	37.4	
92	18.5	15.2	22.8	

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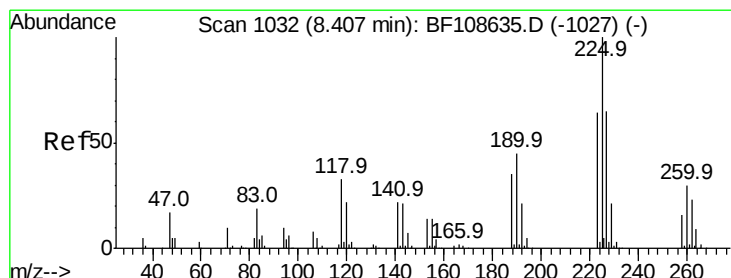
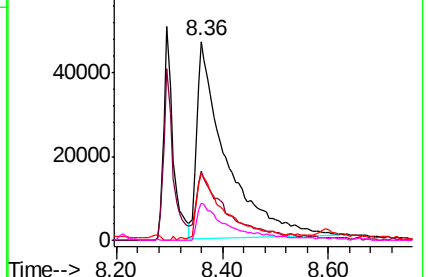
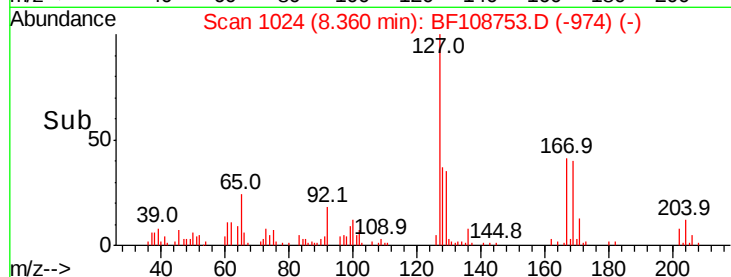
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

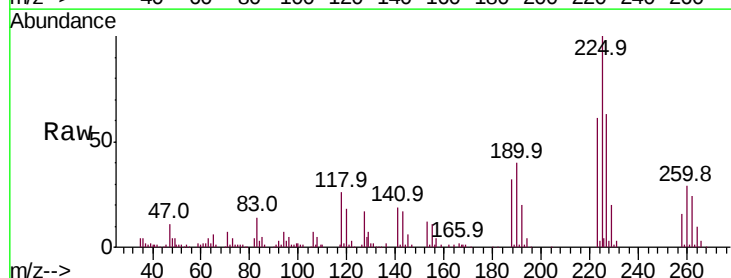
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.415 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	50.6	76.0	
227	62.8	51.9	77.9	

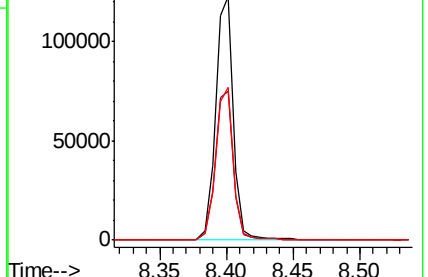
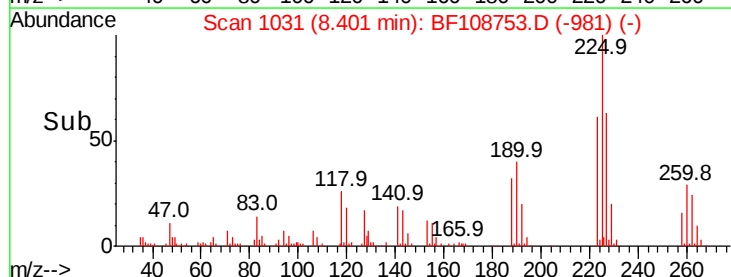


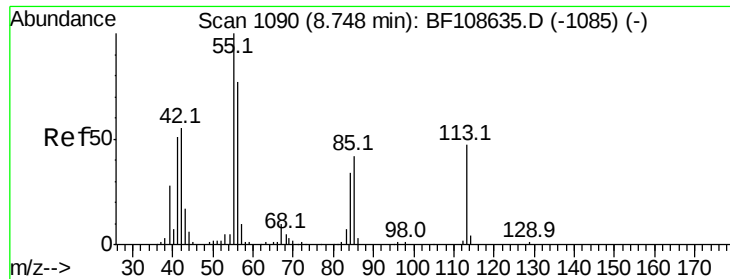
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





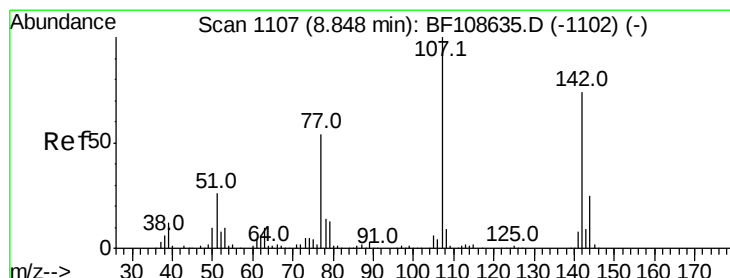
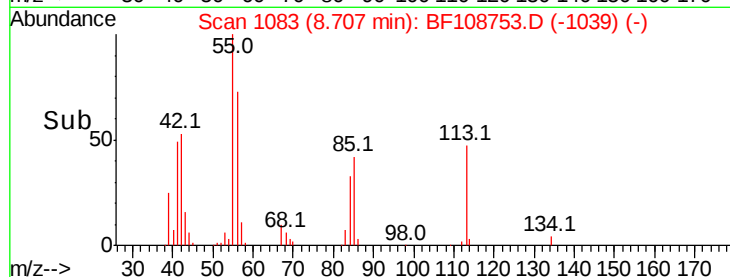
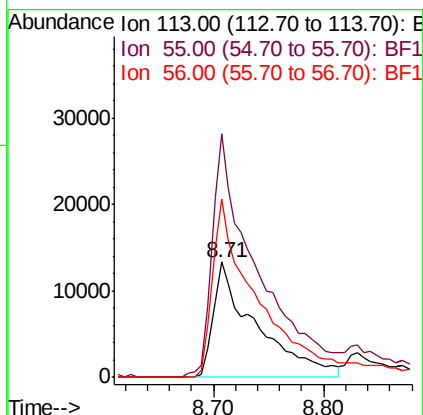
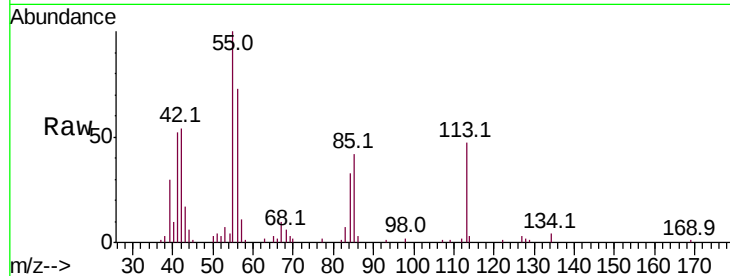
#35
Caprolactam
Concen: 33.197 ng
RT: 8.71 min Scan# 1083
Delta R.T. -0.04 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampled :
SB-11MSD

Tot Ion:113 Resp: 35996
Ion Ratio Lower Upper
113 100
55 211.1 163.3 203.3#
56 154.9 115.7 155.7

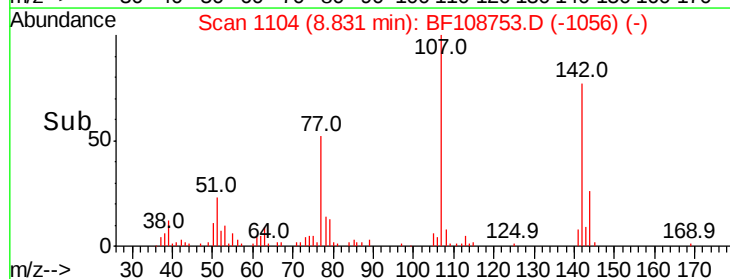
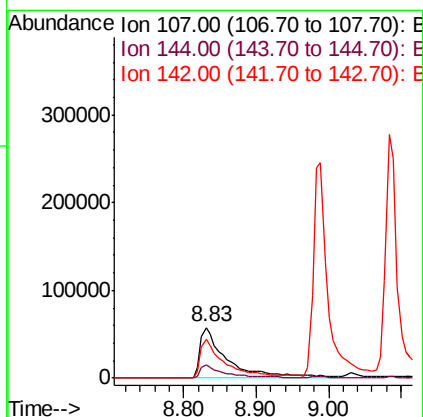
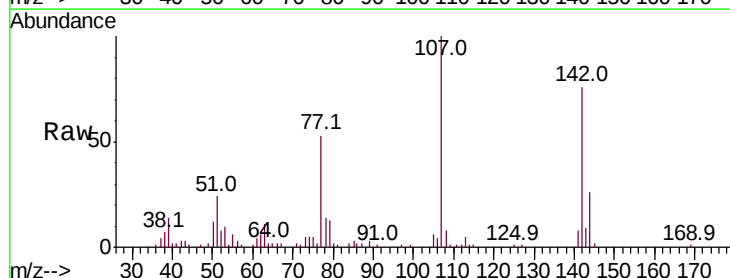
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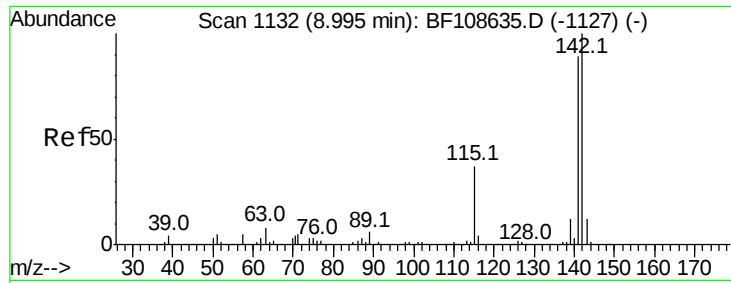
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#36
4-Chloro-3-methylphenol
Concen: 34.973 ng
RT: 8.83 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion:107 Resp: 152745
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 76.1 62.0 93.0





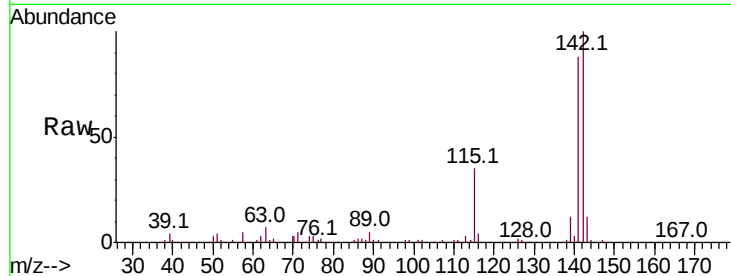
#37
2-Methylnaphthalene
Concen: 40.565 ng
RT: 8.99 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	35.2	26.1	39.1

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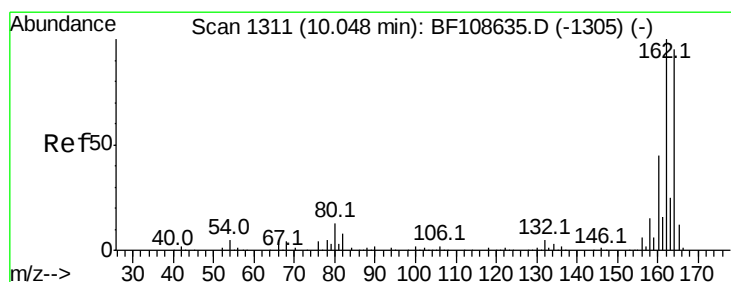
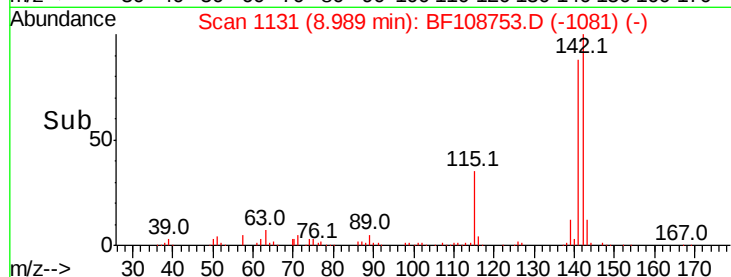
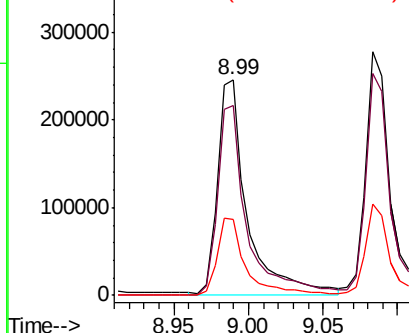


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

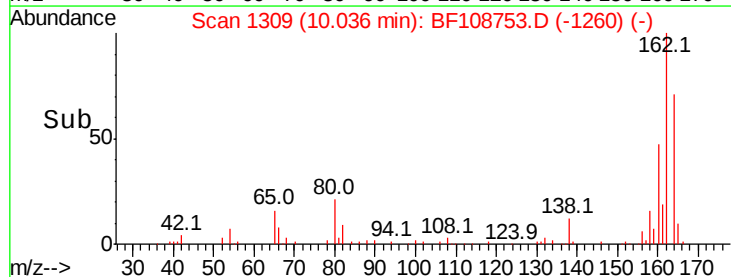
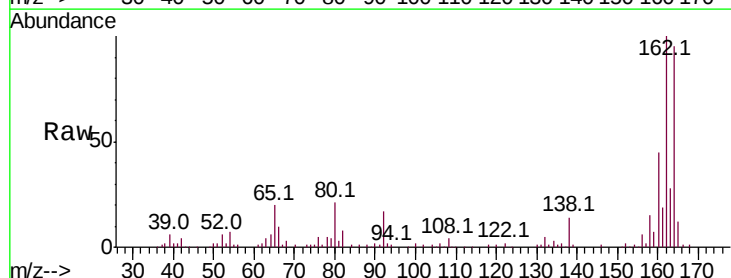
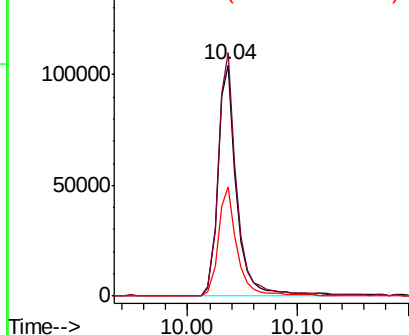
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.6	38.3	57.5

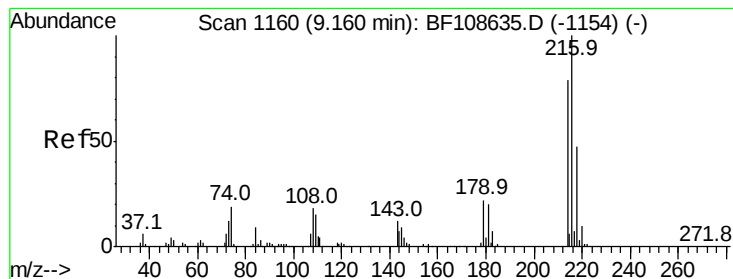
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.478 ng

RT: 9.15 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

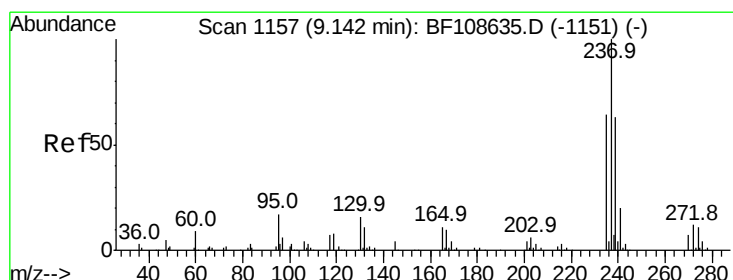
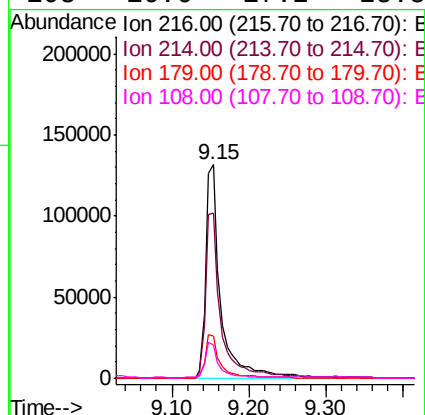
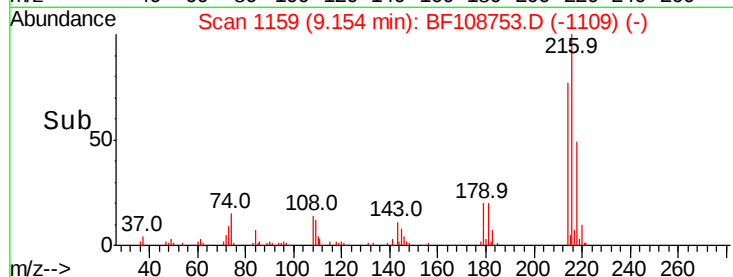
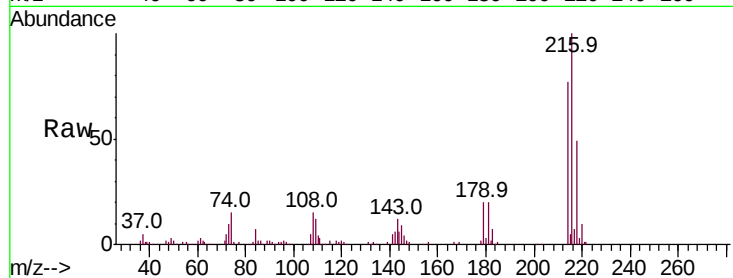
ClientSampleId :

SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	180738		
214	79.3	63.0	94.4	
179	20.8	18.1	27.1	
108	16.6	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 11.814 ng

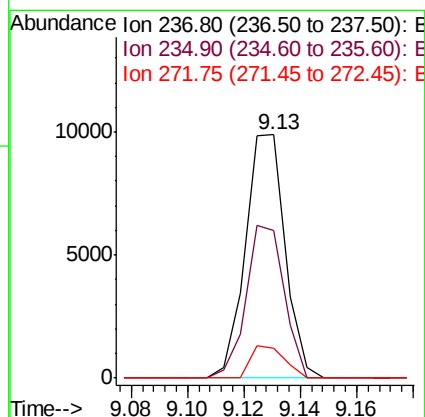
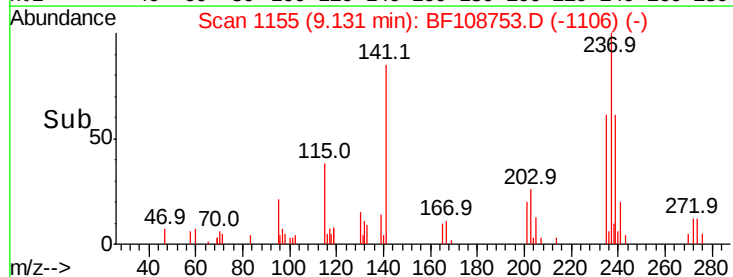
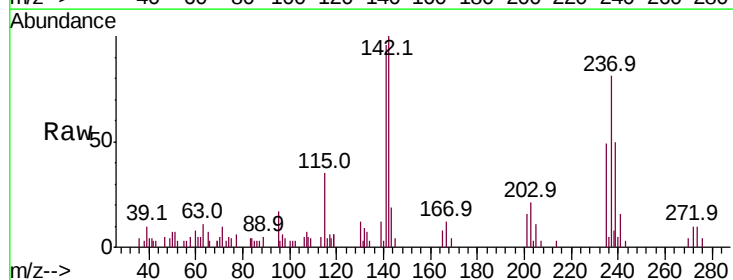
RT: 9.13 min Scan# 1155

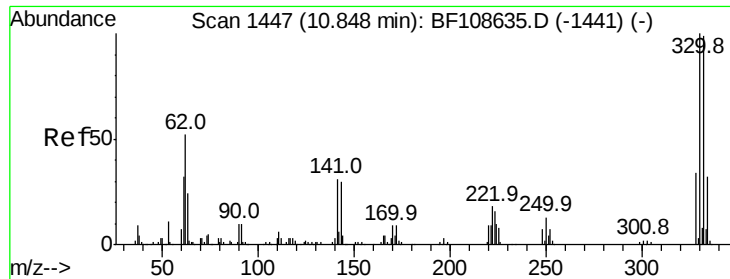
Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	9646		
235	60.6	44.8	84.8	
272	12.3	0.0	33.3	





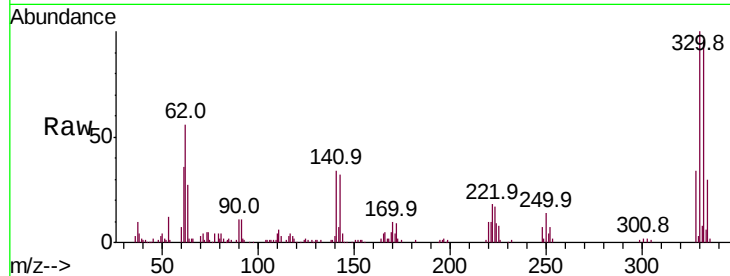
#41
 2,4,6-Tribromophenol
 Concen: 92.140 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampled :
 SB-11MSD

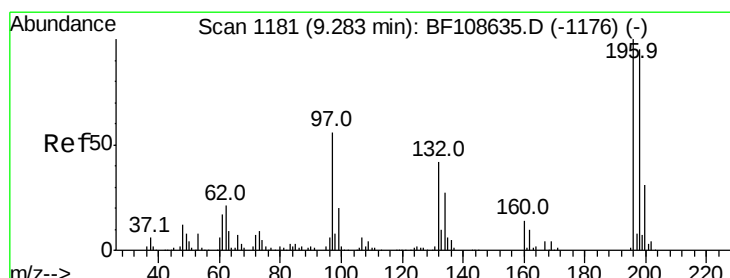
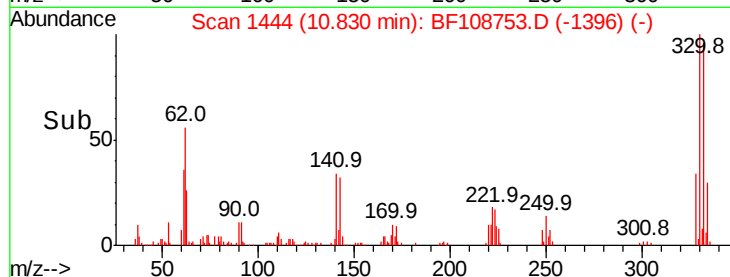
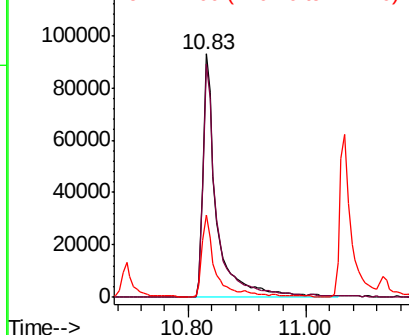
Tot Ion	Ratio	Resp	Lower	Upper
330	100	149293		
332	95.9	77.0	115.6	
141	30.2	29.9	44.9	

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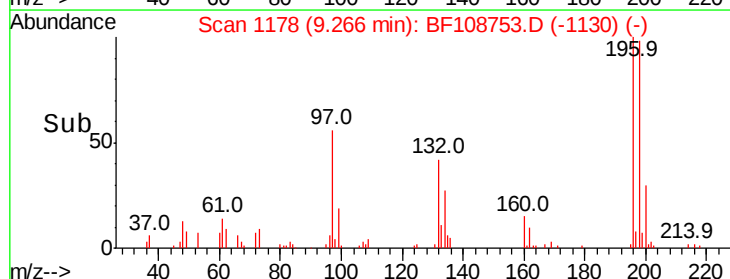
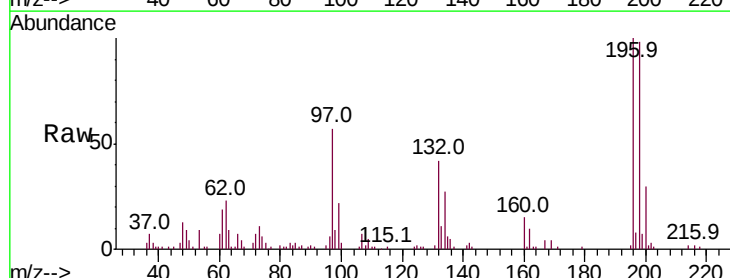
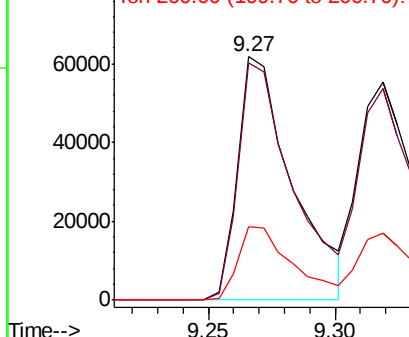
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

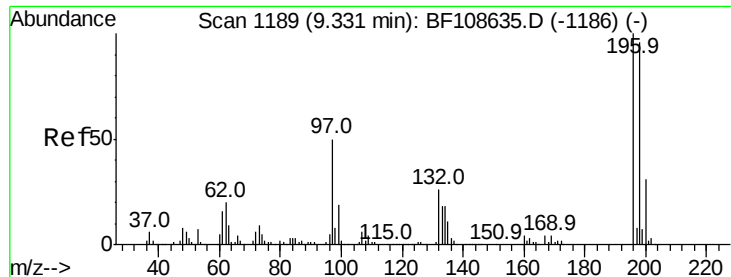


#42
 2,4,6-Trichlorophenol
 Concen: 35.760 ng
 RT: 9.27 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92273		
198	97.6	75.7	113.5	
200	30.2	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





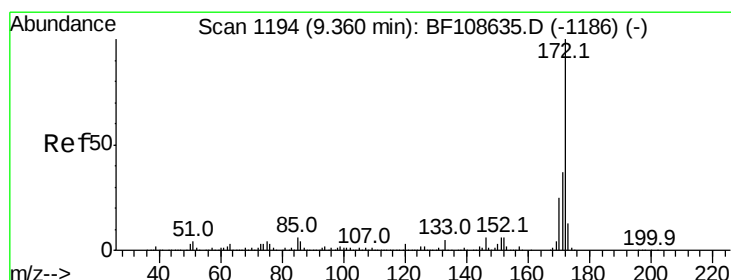
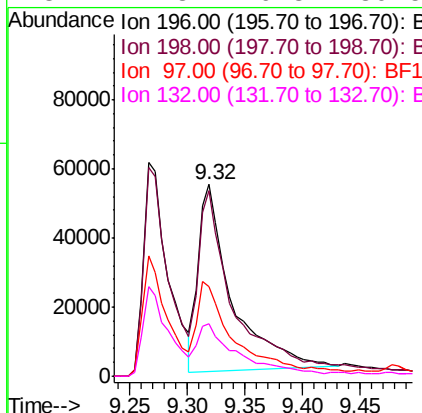
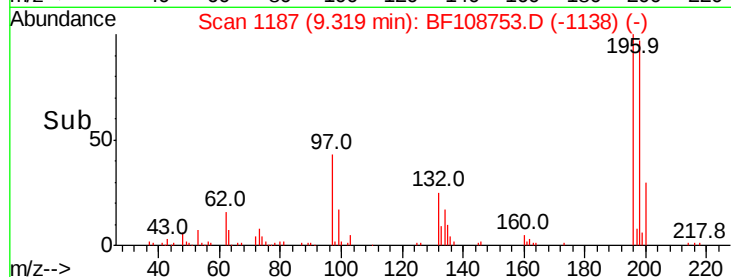
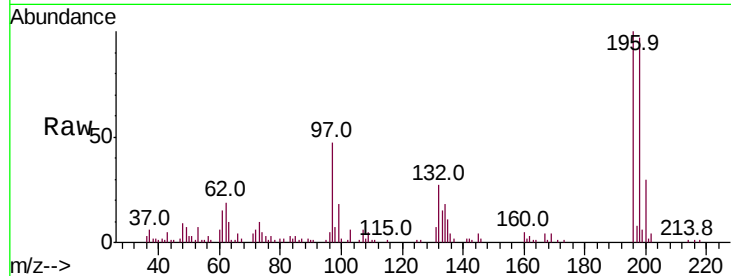
#43
2,4,5-Trichlorophenol
Concen: 37.113 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111675		
198	96.7	74.6	112.0	
97	47.1	42.9	64.3	
132	27.3	26.3	39.5	

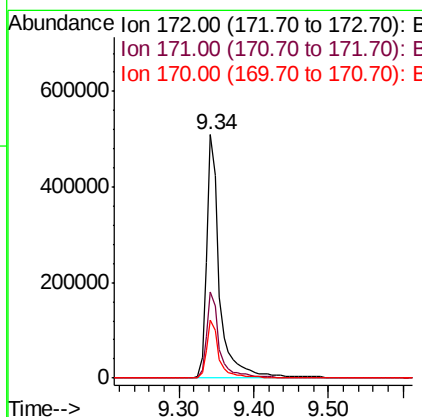
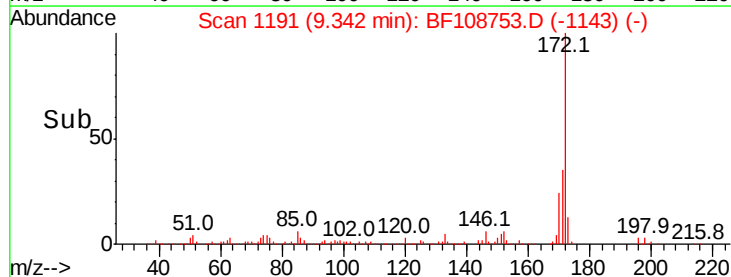
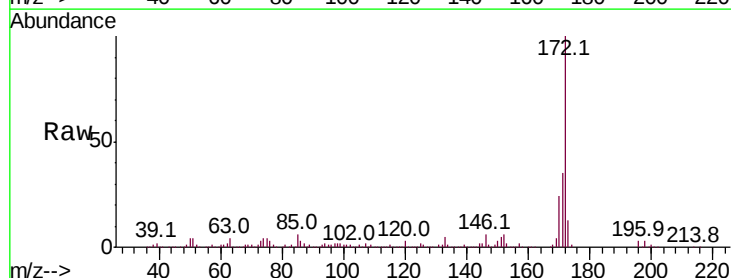
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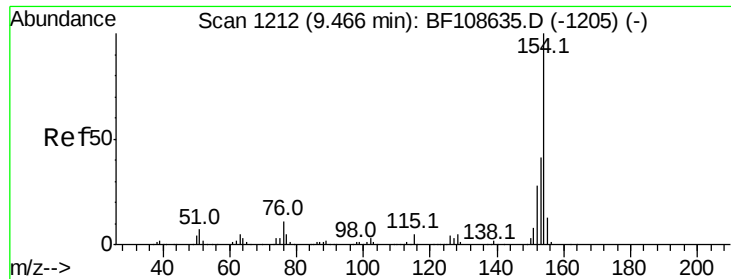
Sohil
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#44
2-Fluorobiphenyl
Concen: 67.596 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	617046		
171	35.5	29.7	44.5	
170	23.7	19.6	29.4	





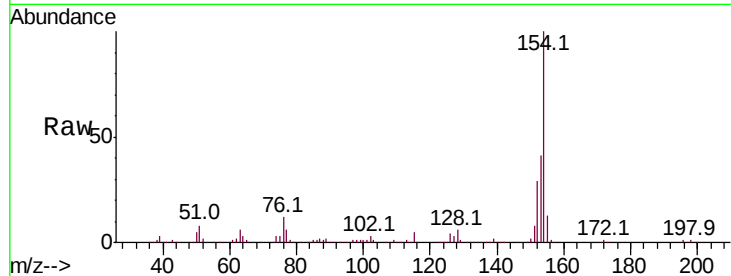
#45
 1,1'-Biphenyl
 Concen: 40.948 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	21.3	61.3	
76	12.1	0.0	34.0	

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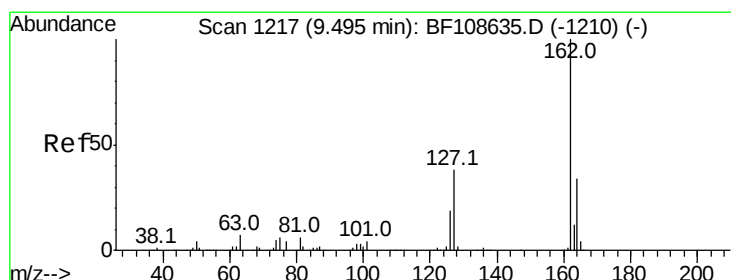
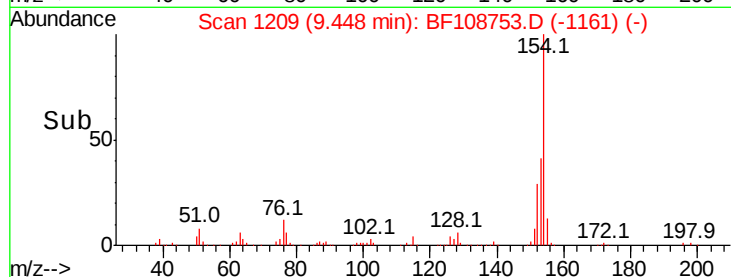
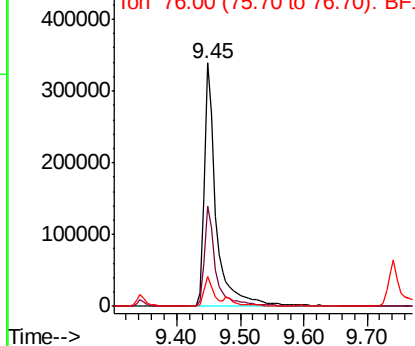


Abundance

Ion 154.00 (153.70 to 154.70): E

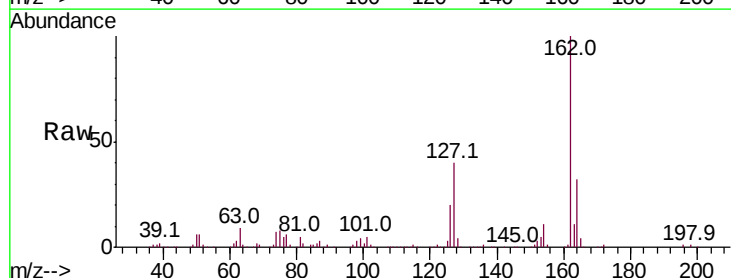
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 40.055 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.6	33.9	50.9	
164	32.5	26.5	39.7	

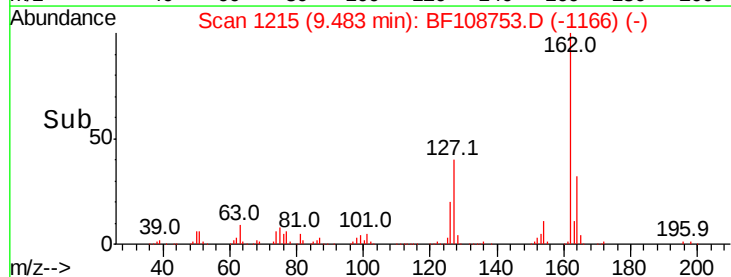
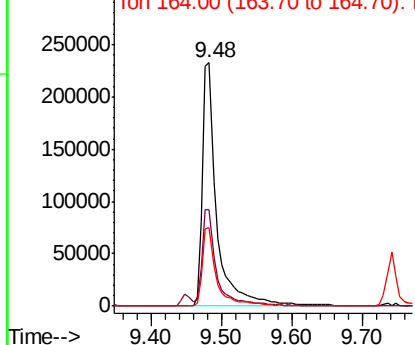


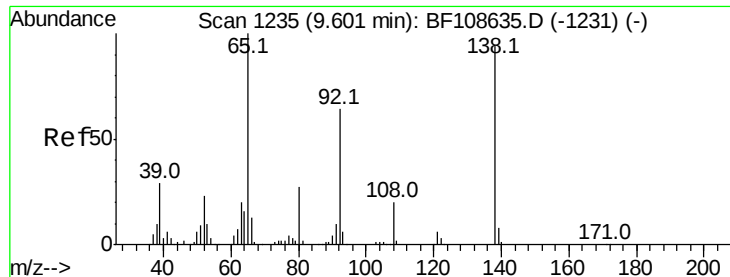
Abundance

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





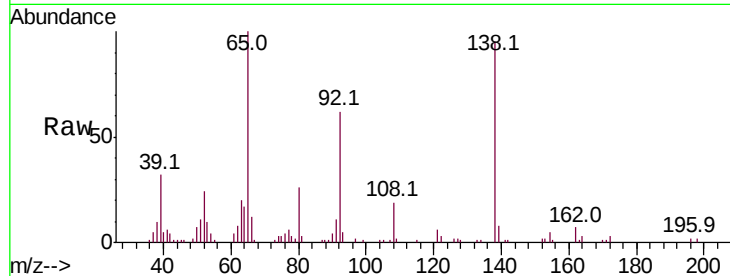
#47
2-Nitroaniline
Concen: 41.081 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

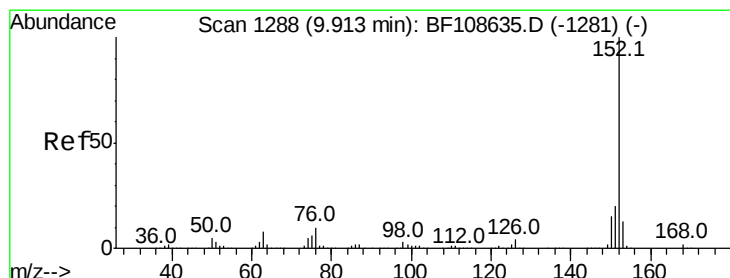
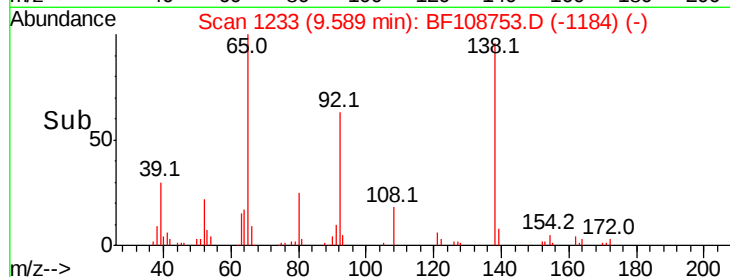
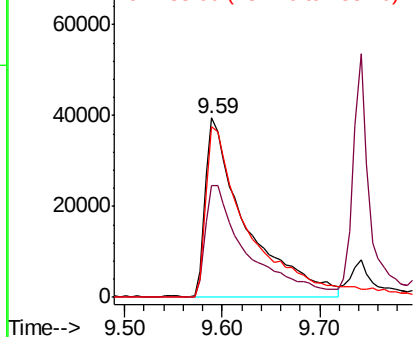
Tot Ion	Ratio	Lower	Upper
65	100		
92	62.4	55.8	83.6
138	95.2	91.2	136.8

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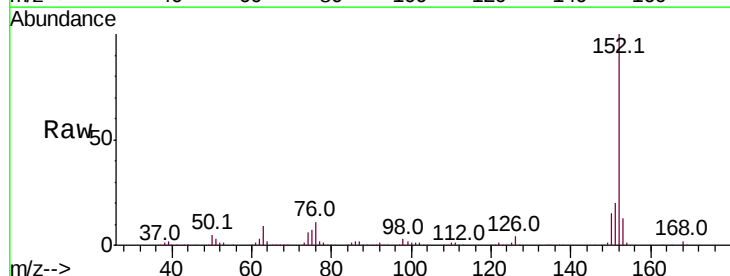


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

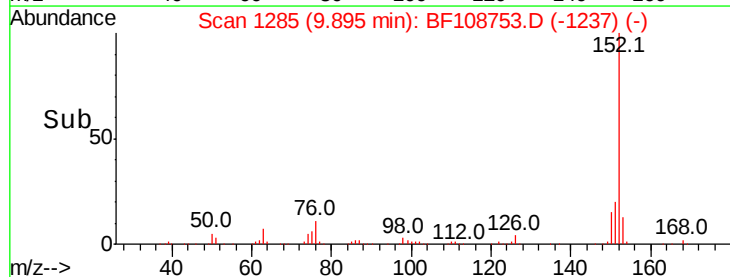
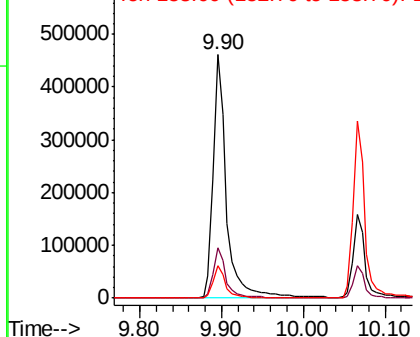


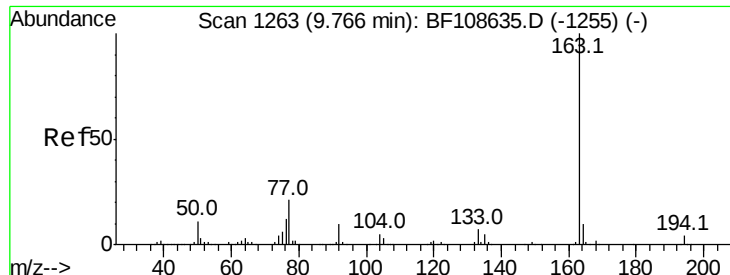
#48
Acenaphthylene
Concen: 42.664 ng
RT: 9.90 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





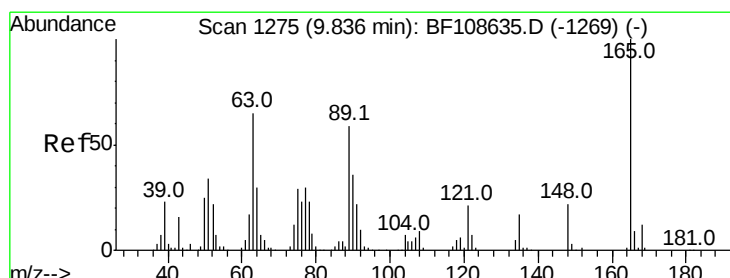
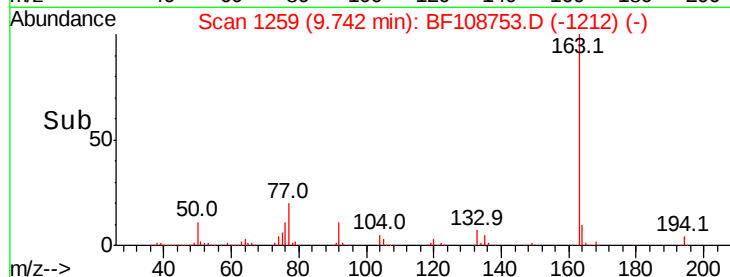
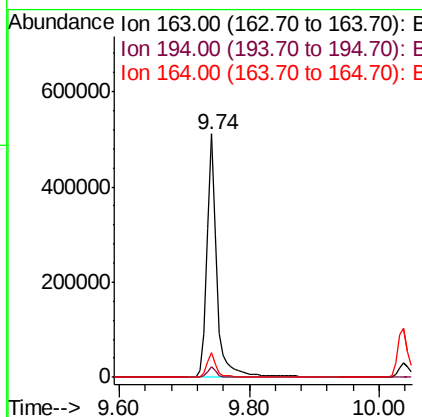
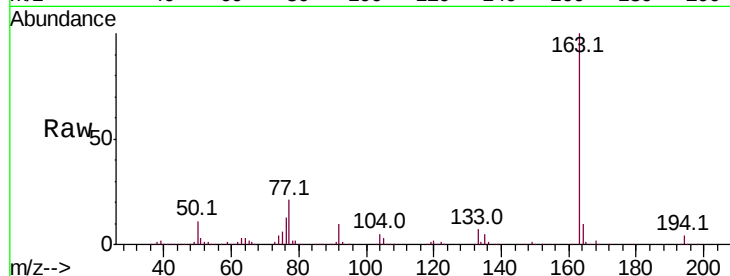
#49
 Dimethylphthalate
 Concen: 56.385 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.2	8.2	12.2	

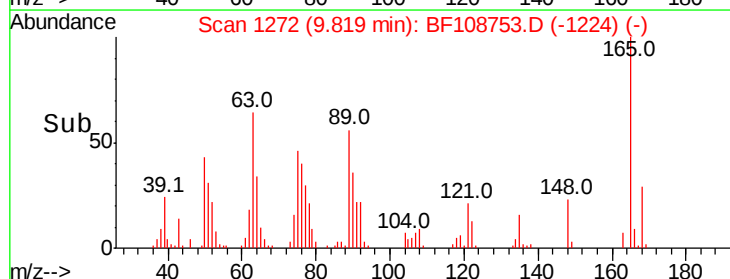
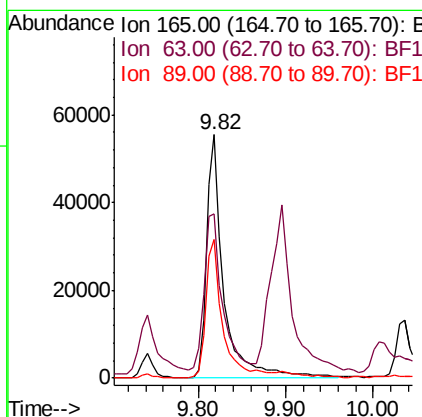
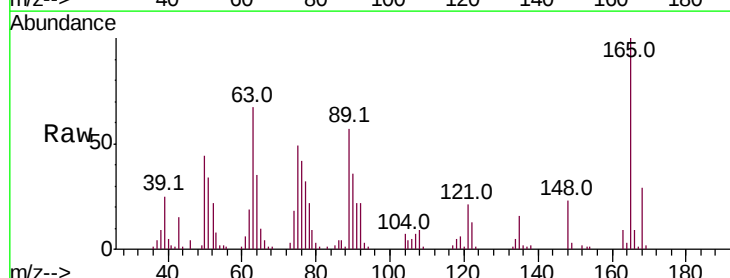
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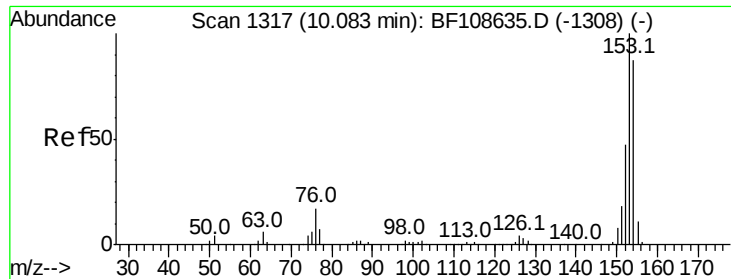
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#50
 2,6-Dinitrotoluene
 Concen: 35.352 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.4	44.7	67.1#	
89	57.0	44.0	66.0	





#51

Acenaphthene

Concen: 41.332 ng

RT: 10.07 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

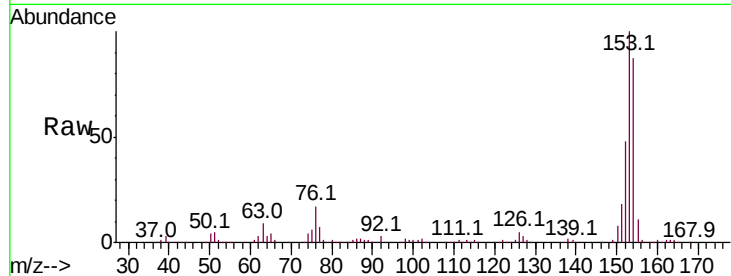
ClientSampleId :

SB-11MSD

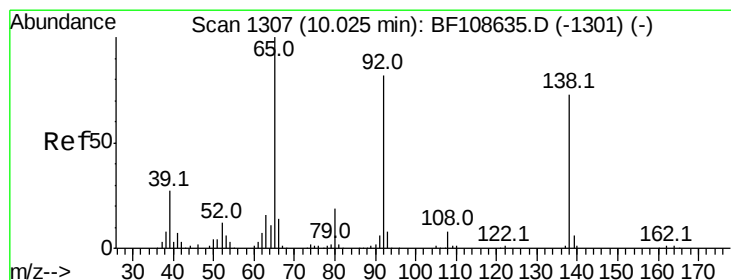
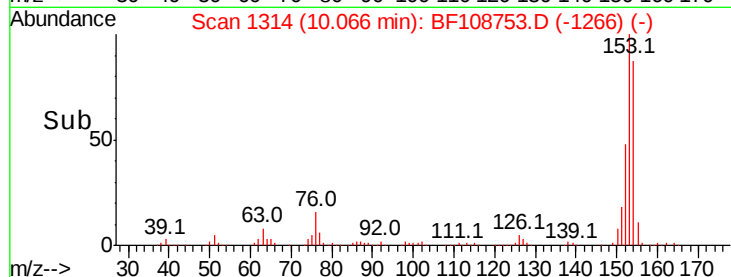
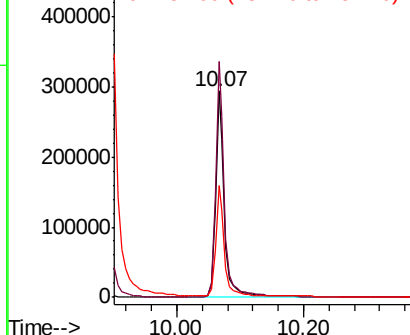
Tot Ion:	154	Resp:	302650
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	54.3	43.8	65.8

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



#52

3-Nitroaniline

Concen: 43.353 ng

RT: 10.01 min Scan# 1304

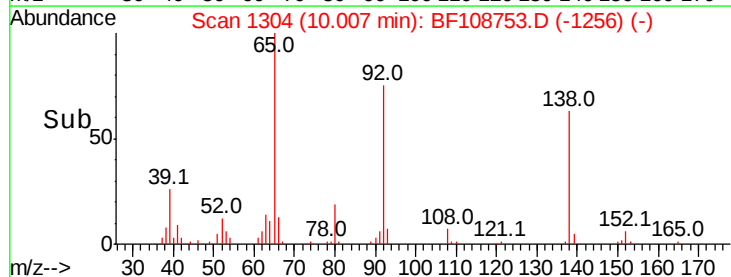
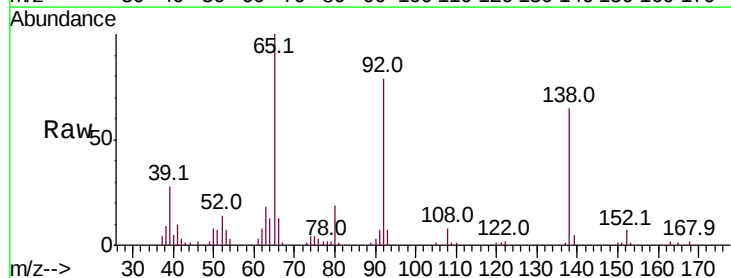
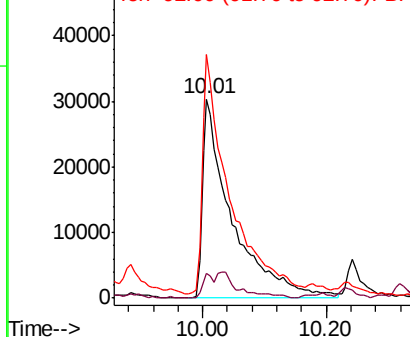
Delta R.T. -0.02 min

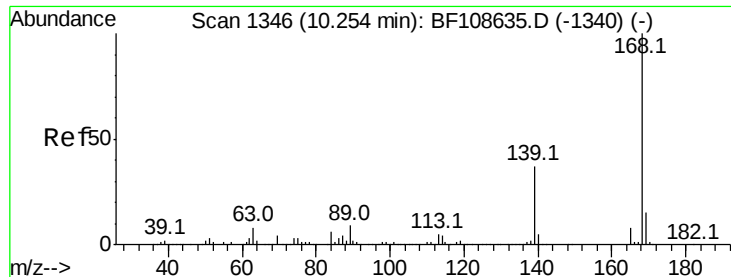
Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion:	138	Resp:	99914
Ion Ratio	Lower	Upper	
138	100		
108	12.3	9.4	14.0
92	122.3	89.4	134.2

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





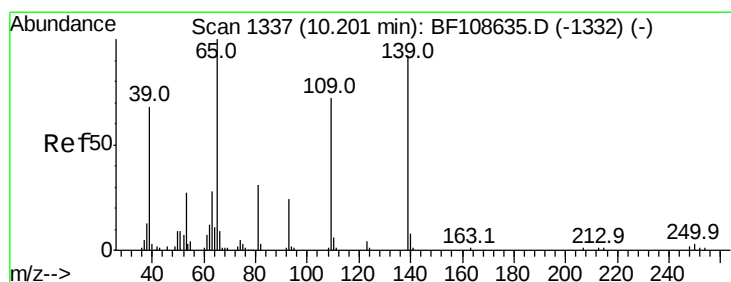
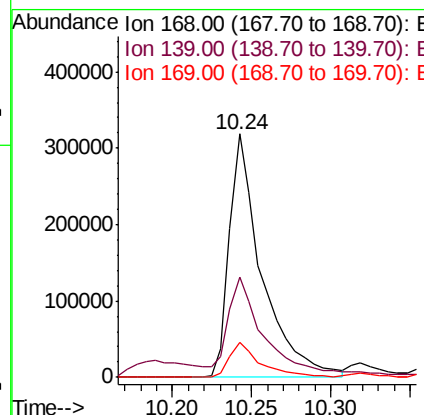
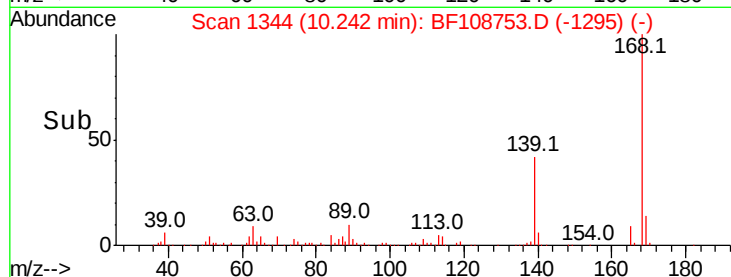
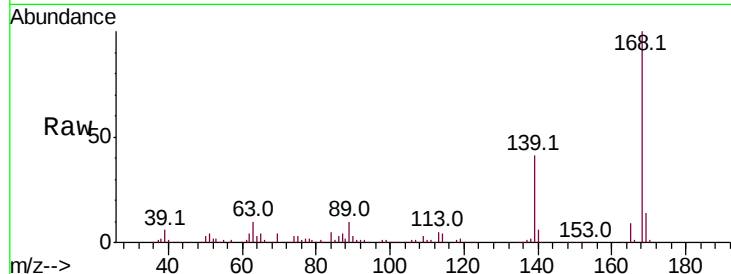
#54
Dibenzofuran
Concen: 39.590 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	30.1	45.1
169	14.2	10.9	16.3

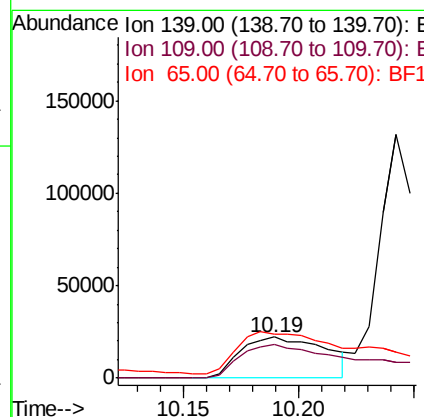
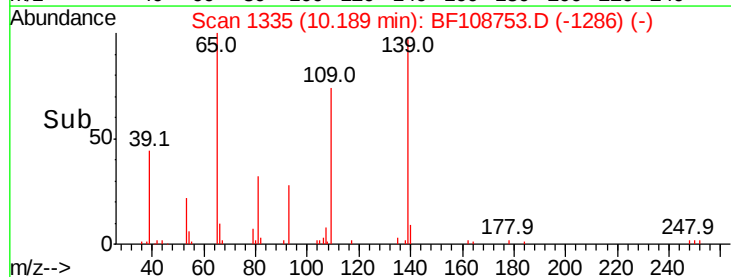
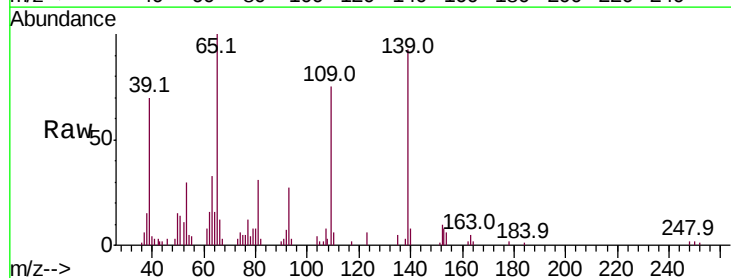
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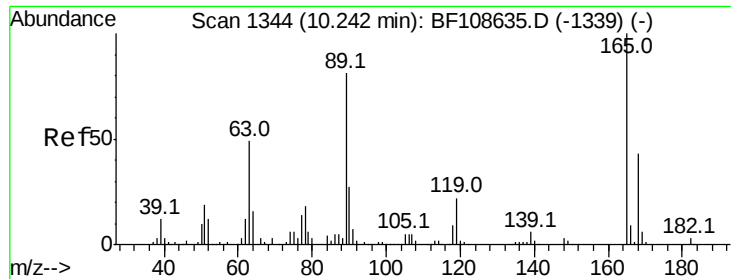
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#55
4-Nitrophenol
Concen: 41.258 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.9	48.4	88.4
65	107.7	72.6	112.6





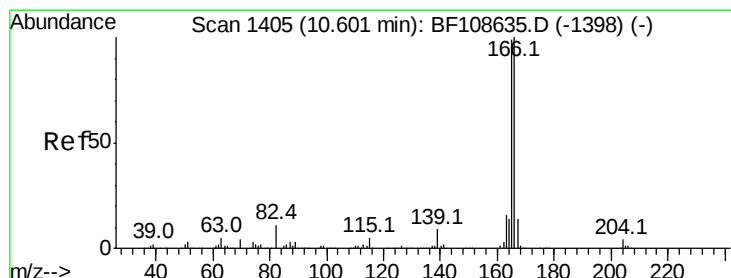
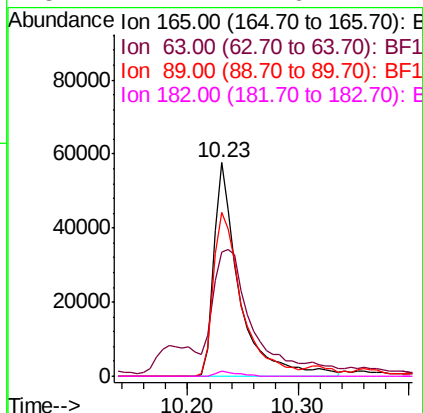
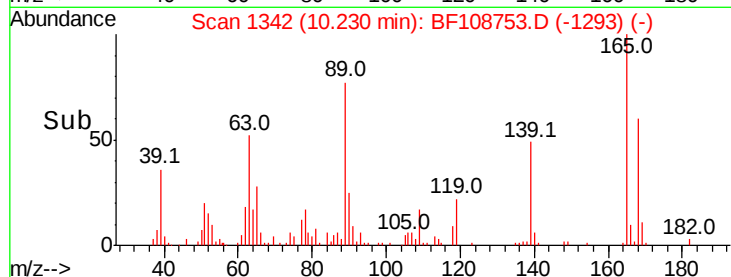
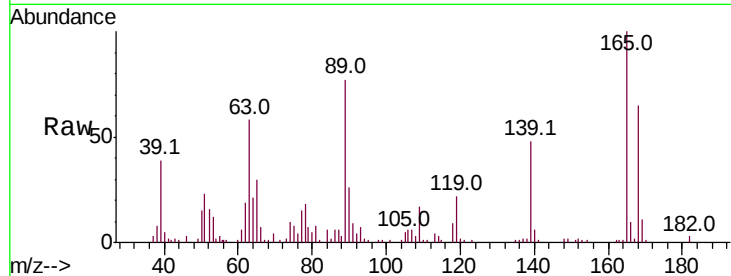
#56
 2,4-Dinitrotoluene
 Concen: 32.513 ng
 RT: 10.23 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion:	165	Resp:	91715
Ion Ratio	Lower	Upper	
165	100		
63	58.3	36.4	54.6#
89	77.0	57.8	86.6
182	2.7	1.6	2.4#

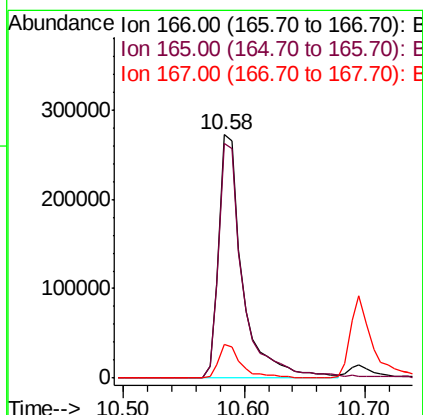
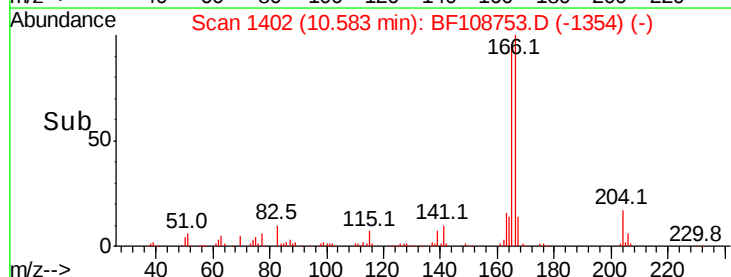
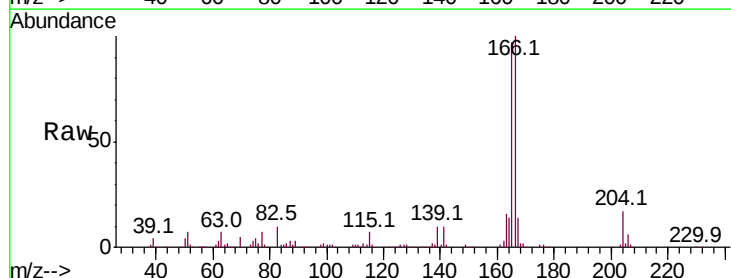
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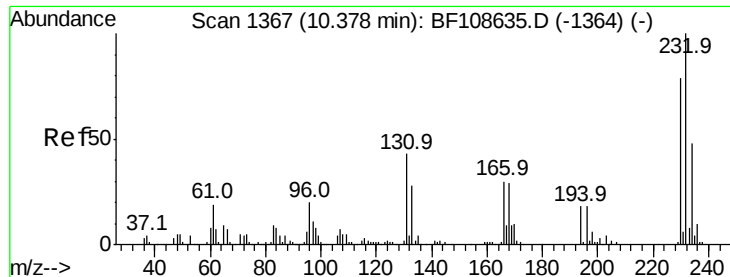
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#57
 Fluorene
 Concen: 42.014 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion:	166	Resp:	373063
Ion Ratio	Lower	Upper	
166	100		
165	96.5	79.8	119.8
167	13.8	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 42.219 ng

RT: 10.36 min Scan# 1364

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

SB-11MSD

Tot Ion:232 Resp: 113808
Ion Ratio Lower Upper

232 100

131 33.5 43.8 65.8#

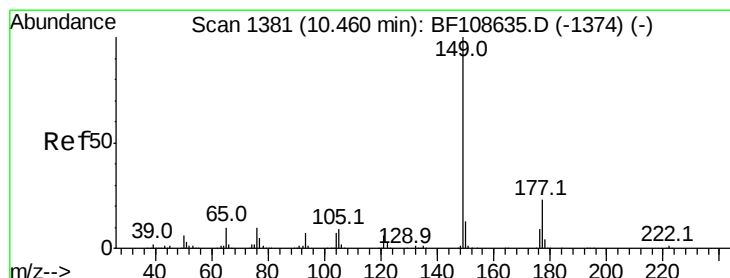
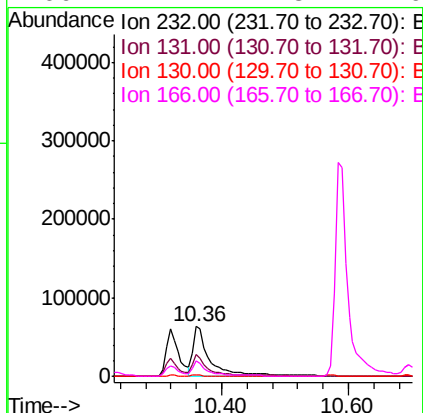
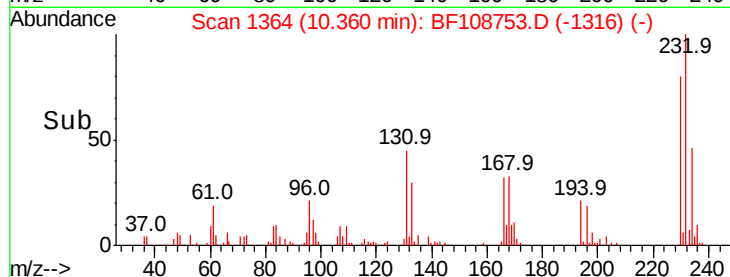
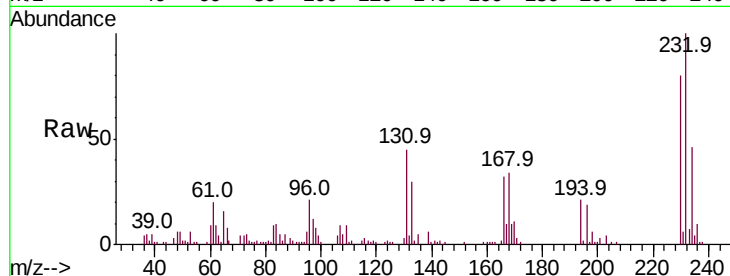
130 1.9 2.1 3.1#

166 27.4 27.8 41.6#

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#59

Diethylphthalate

Concen: 39.986 ng

RT: 10.44 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BF108753.D

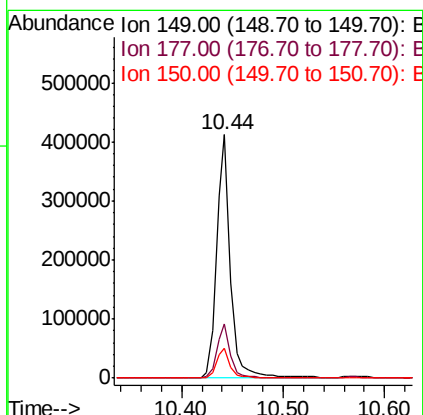
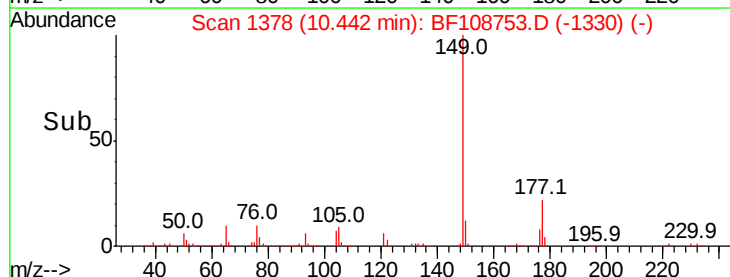
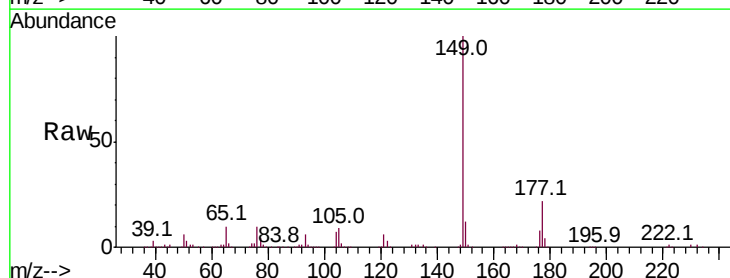
Acq: 4 Sep 2018 20:49

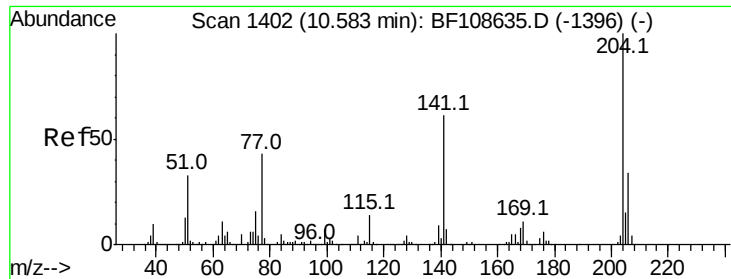
Tgt Ion:149 Resp: 389365
Ion Ratio Lower Upper

149 100

177 22.3 16.1 24.1

150 12.1 10.1 15.1





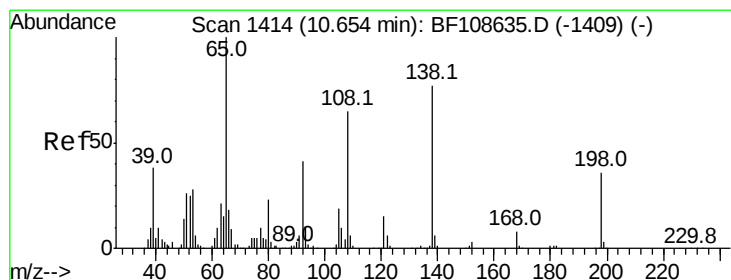
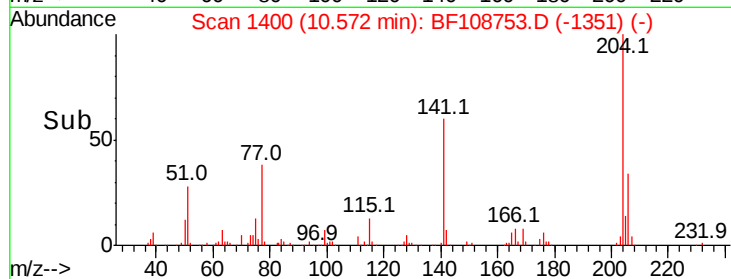
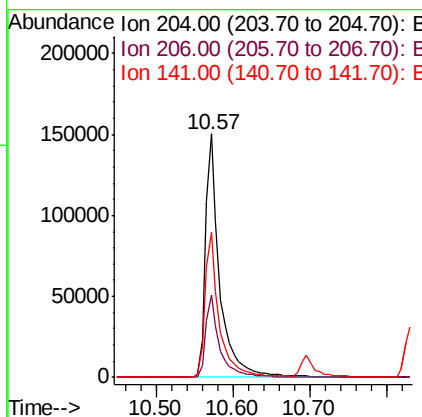
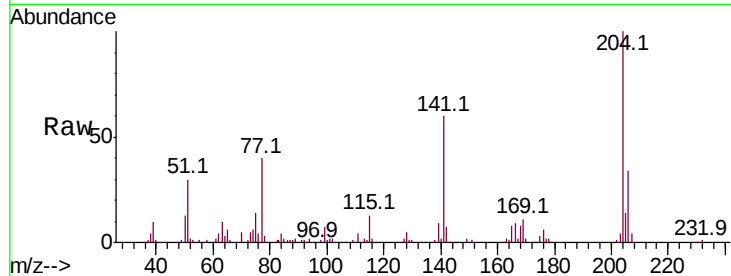
#60
4-Chlorophenyl-phenylether
Concen: 38.017 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampled :
SB-11MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	59.7	54.6	81.8

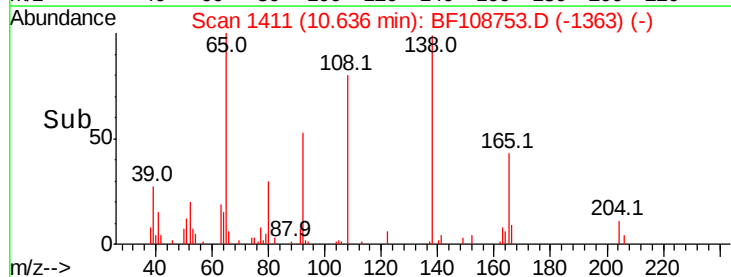
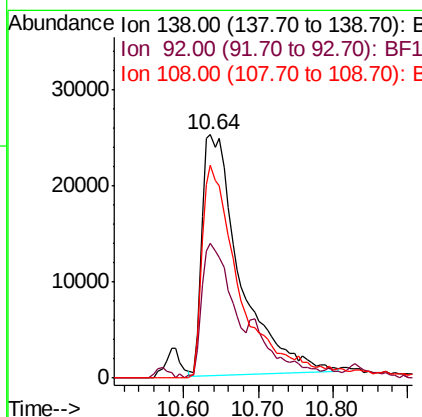
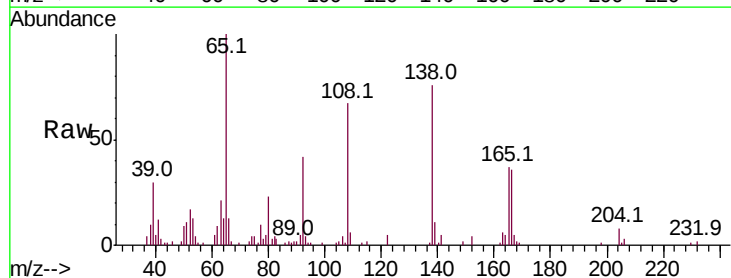
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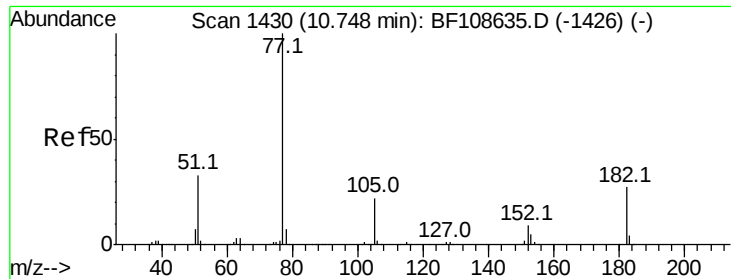
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#61
4-Nitroaniline
Concen: 40.087 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	30.2	70.2
108	87.6	52.5	92.5





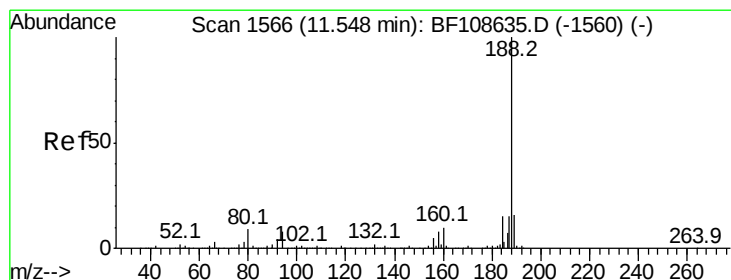
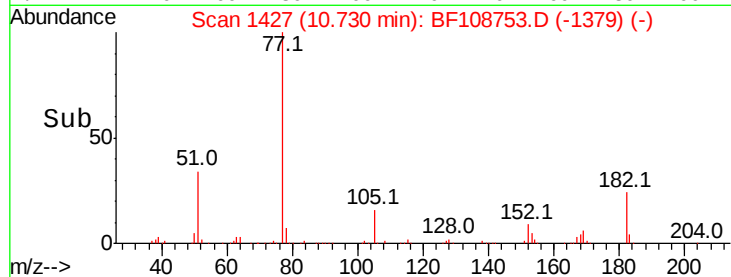
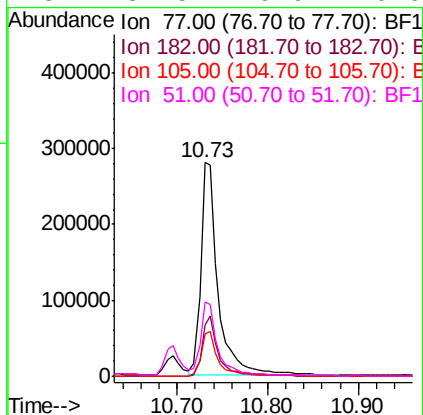
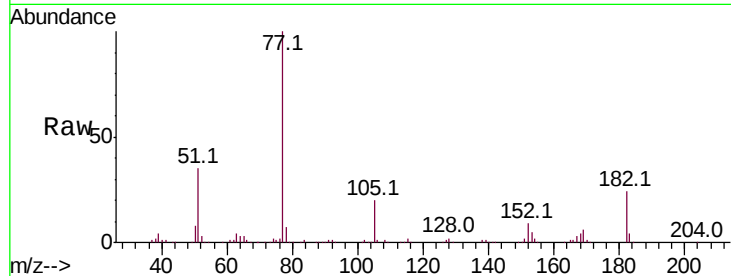
#62
Azobenzene
Concen: 38.713 ng
RT: 10.73 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		374693		
182	23.8	1.7	41.7		
105	20.0	3.0	43.0		
51	34.5	9.9	49.9		

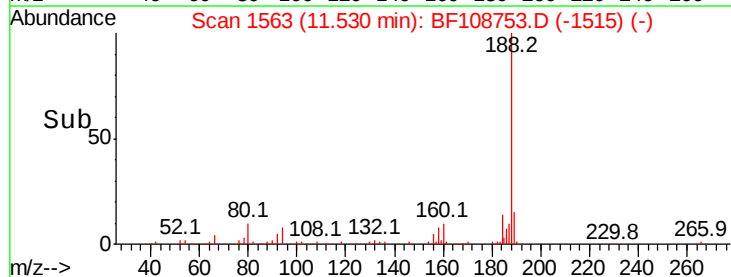
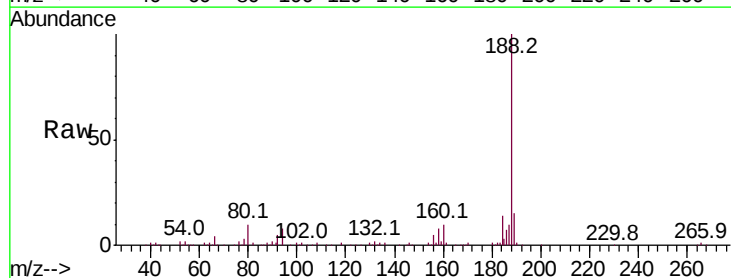
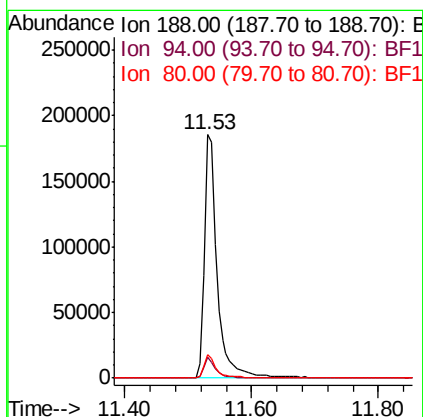
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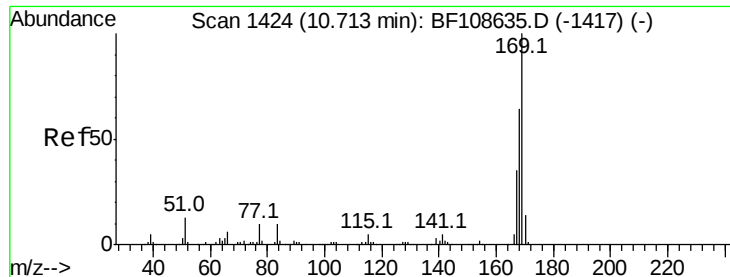
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		258219		
94	8.5	8.5	12.7		
80	9.5	9.2	13.8		





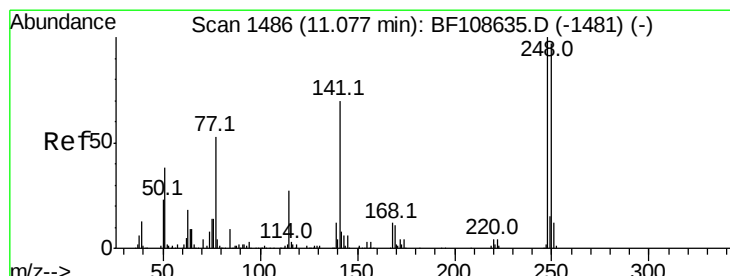
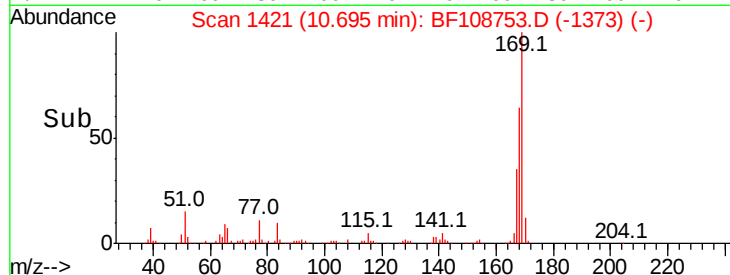
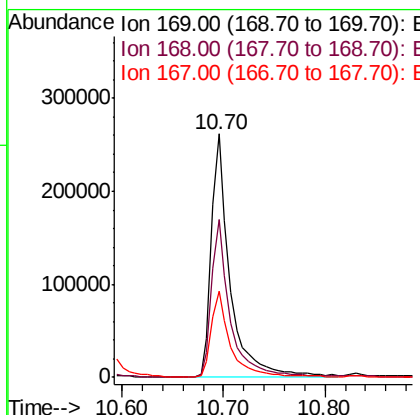
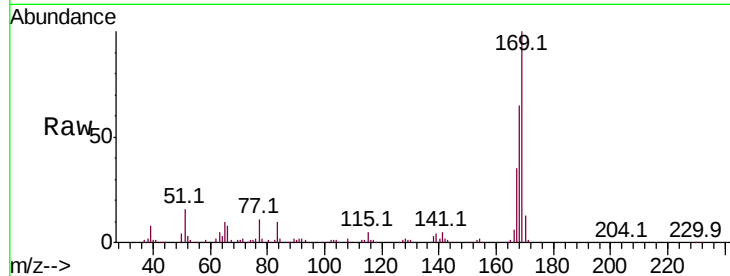
#65
n-Nitrosodiphenylamine
Concen: 39.506 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	338922		
168	65.1		54.4	81.6
167	35.4		29.8	44.6

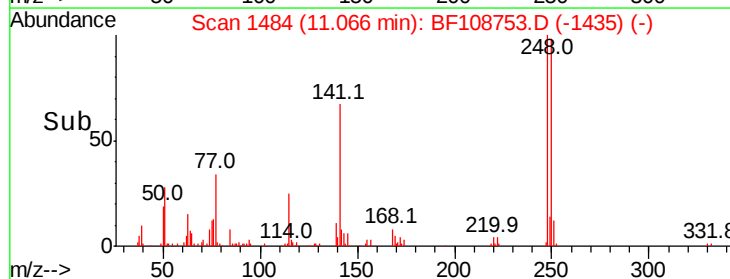
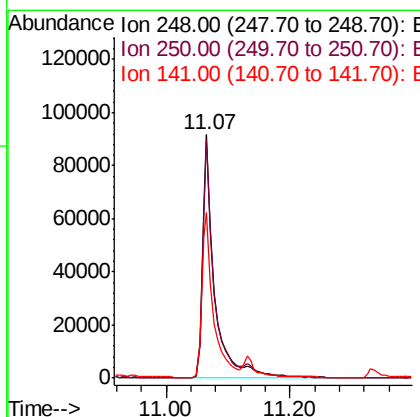
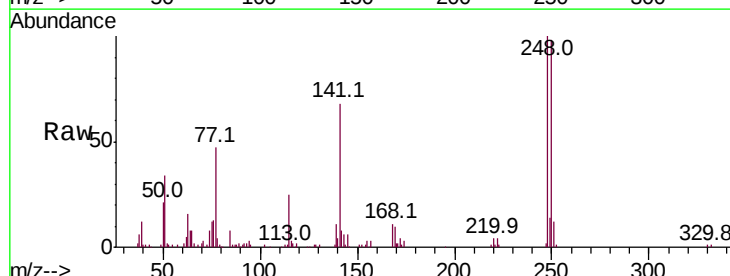
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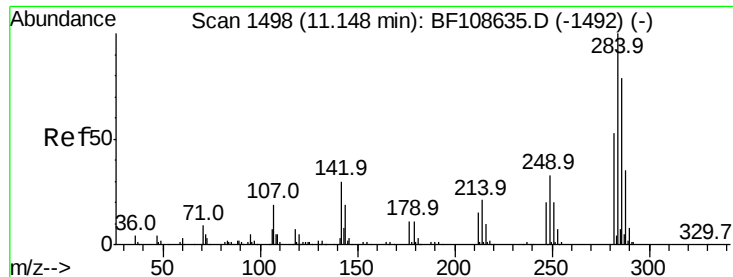
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#66
4-Bromophenyl-phenylether
Concen: 39.906 ng
RT: 11.07 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	126646		
250	97.9		76.9	115.3
141	68.0		74.4	111.6#





#67

Hexachlorobenzene

Concen: 37.850 ng

RT: 11.13 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

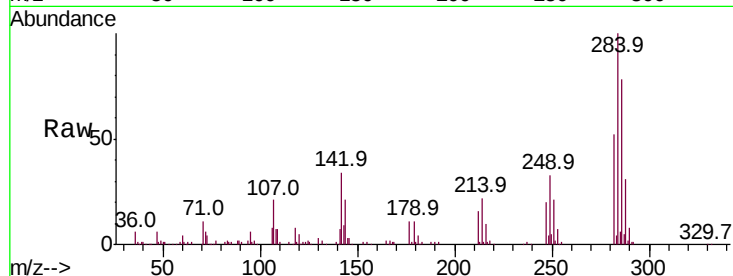
ClientSampleId :

SB-11MSD

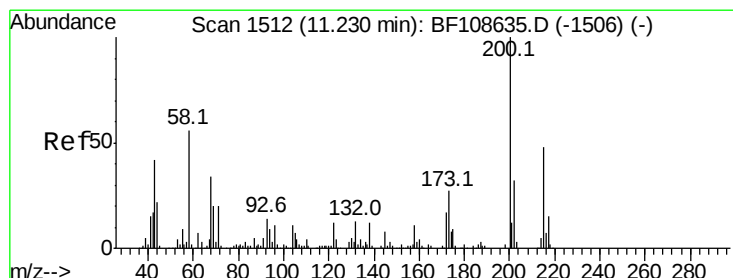
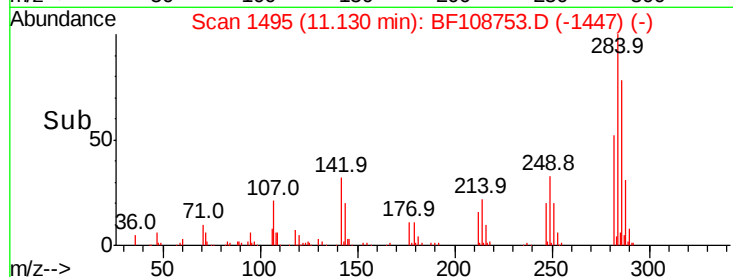
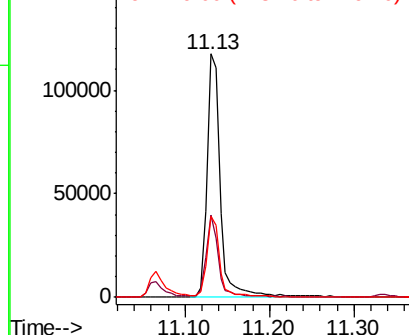
Tot Ion:	284	Resp:	129411
Ion Ratio	Lower	Upper	
284	100		
142	33.6	34.6	52.0#
249	33.3	24.8	37.2

Manual Integrations
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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: 45.497 ng

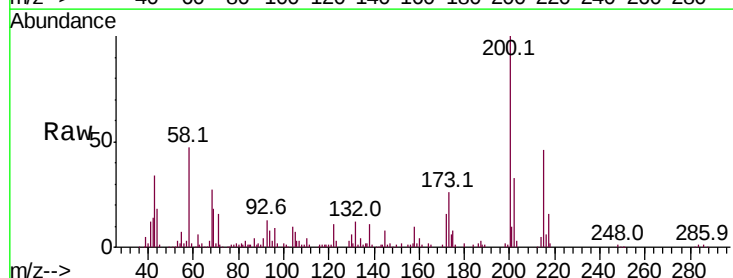
RT: 11.21 min Scan# 1509

Delta R.T. -0.02 min

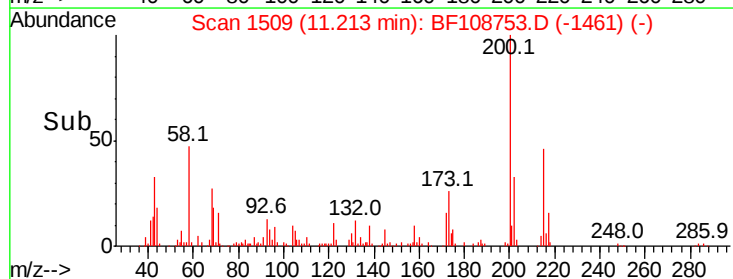
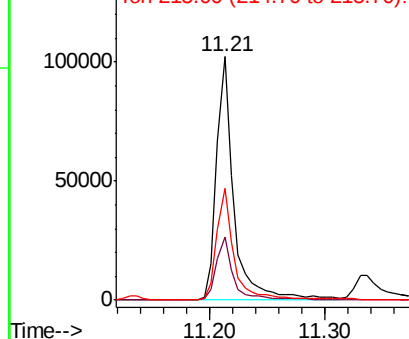
Lab File: BF108753.D

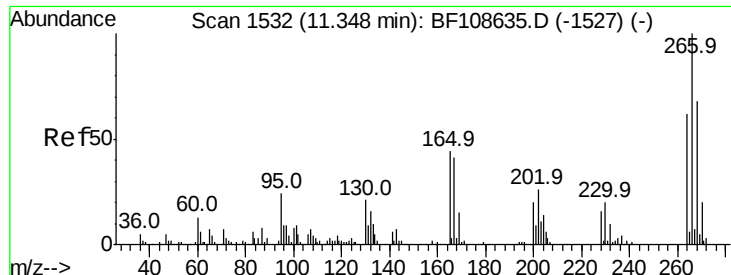
Acq: 4 Sep 2018 20:49

Tgt Ion:	200	Resp:	107513
Ion Ratio	Lower	Upper	
200	100		
173	25.7	8.6	48.6
215	45.7	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





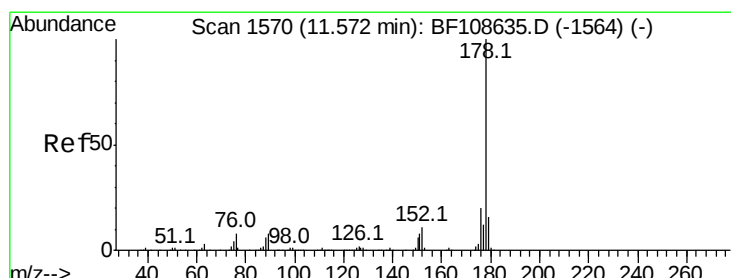
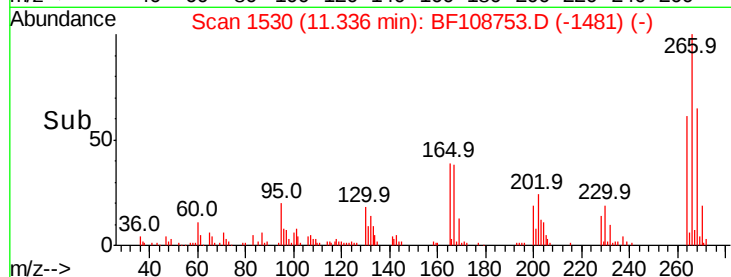
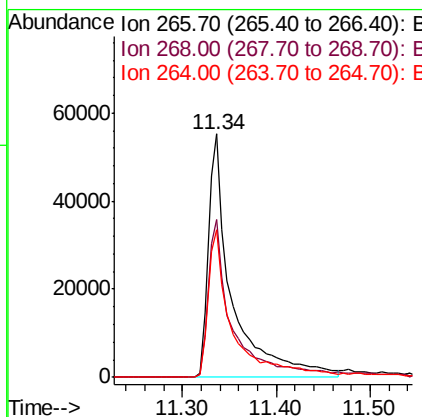
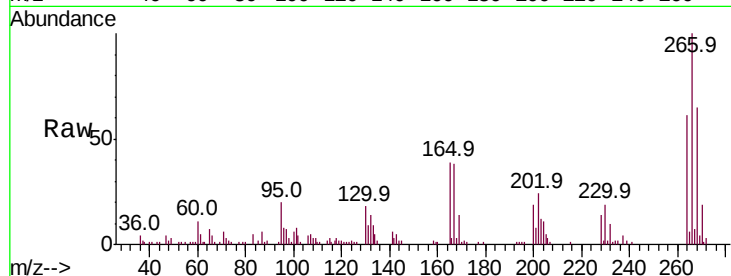
#69
 Pentachlorophenol
 Concen: 53.563 ng
 RT: 11.34 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	97313		
268	64.8		51.1	76.7
264	60.8		49.5	74.3

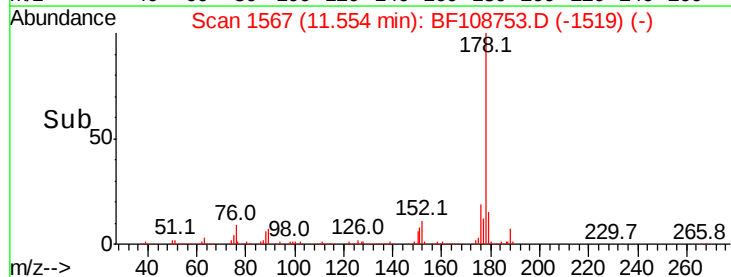
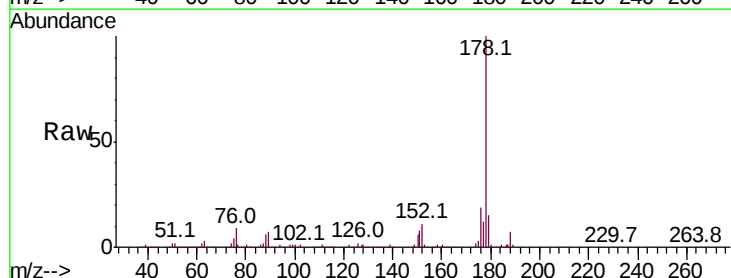
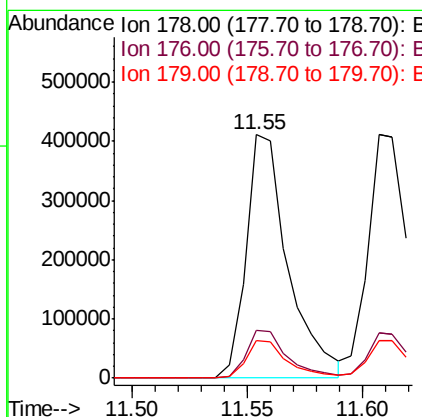
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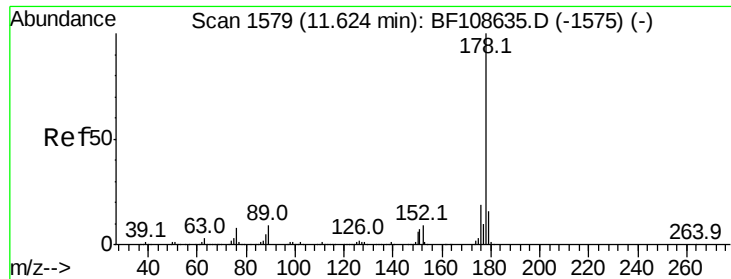
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#70
 Phenanthrene
 Concen: 40.166 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	523509		
176	19.5		15.8	23.8
179	15.4		13.0	19.6





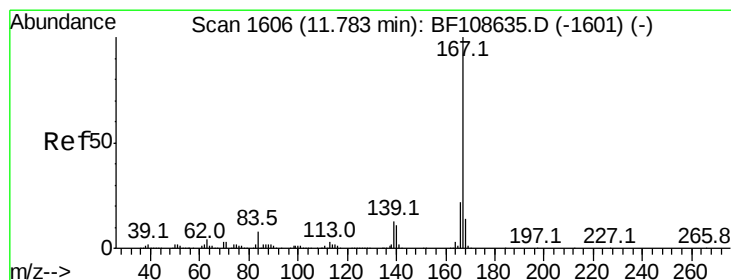
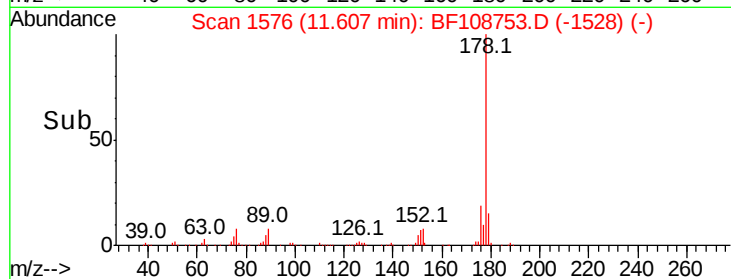
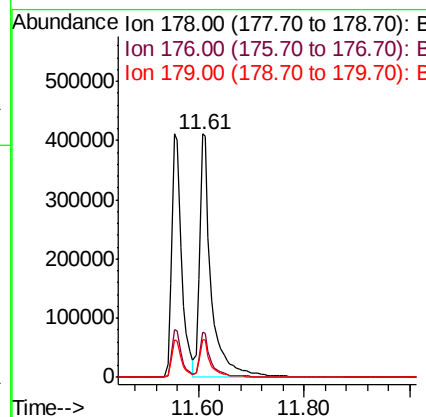
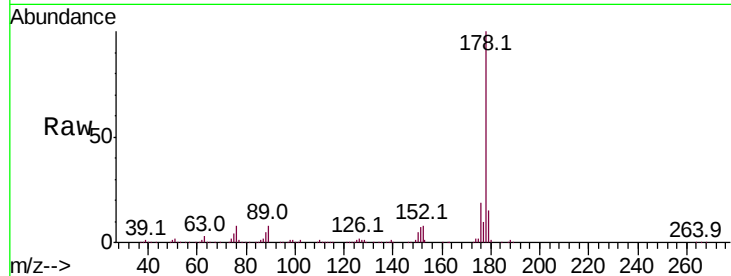
#71
 Anthracene
 Concen: 46.752 ng
 RT: 11.61 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampled :
 SB-11MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	19.0

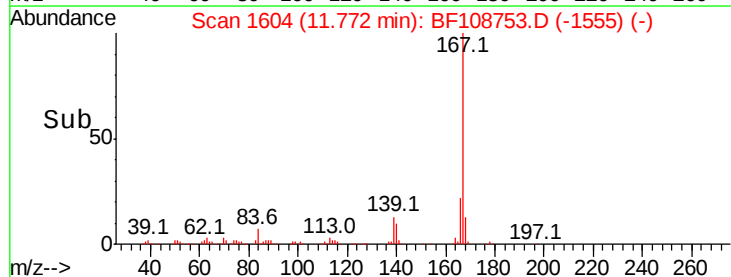
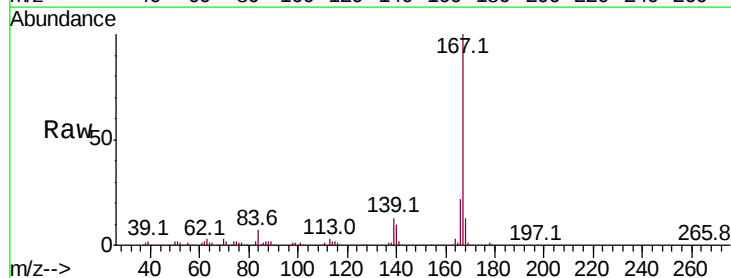
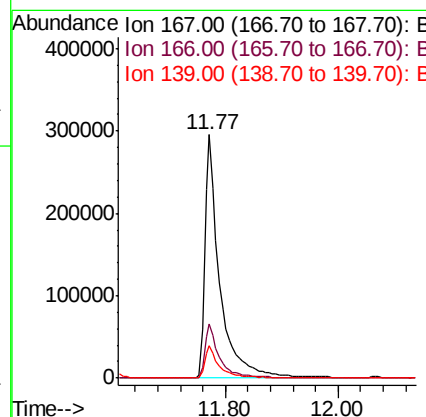
Manual Integrations
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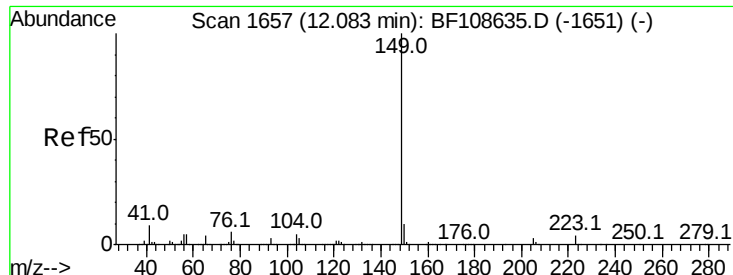
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#72
 Carbazole
 Concen: 40.894 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.5	10.9	16.3





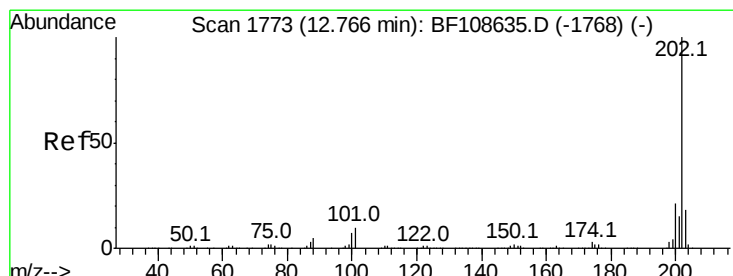
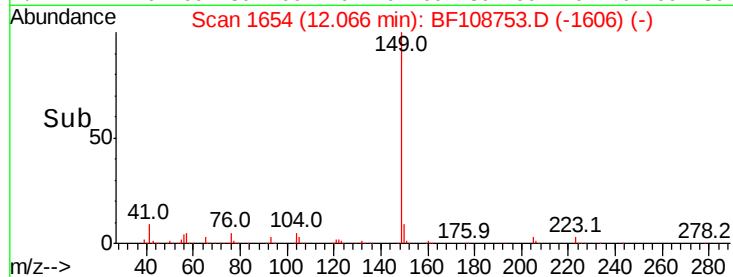
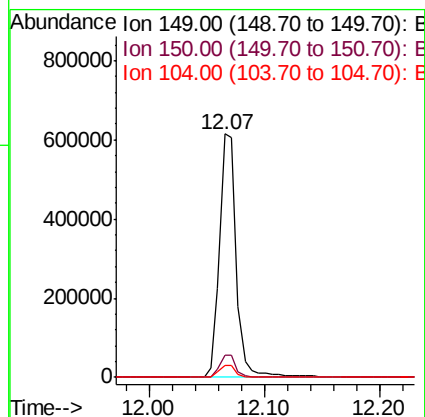
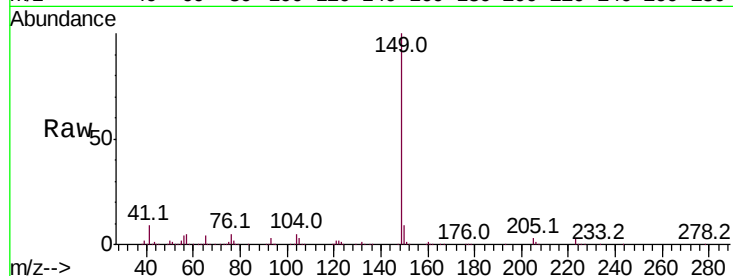
#73
Di-n-butylphthalate
Concen: 41.018 ng
RT: 12.07 min Scan# 1654
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.8	11.6	
104	5.0	3.8	5.8	

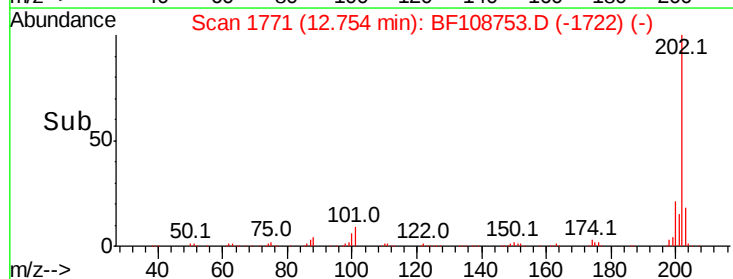
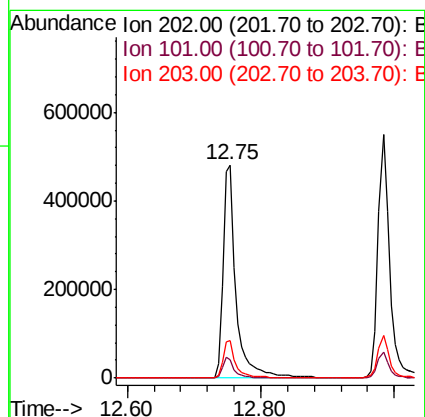
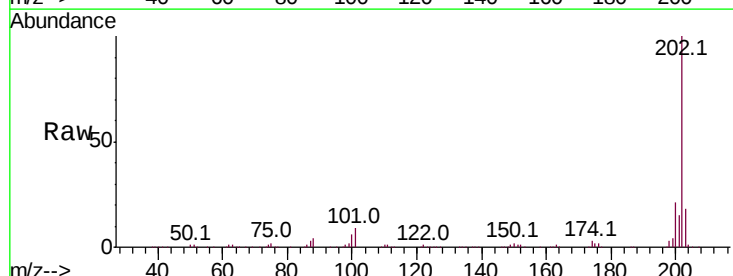
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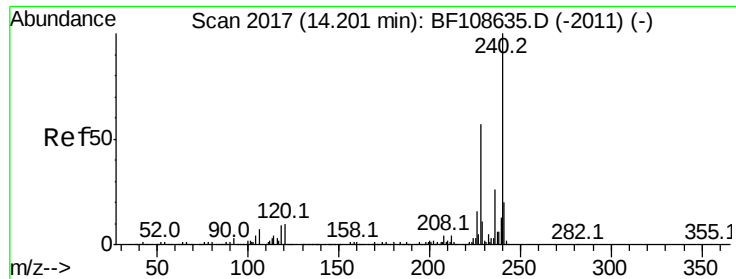
Sohil
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#74
Fluoranthene
Concen: 45.095 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.6	0.0	34.1	
203	17.7	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

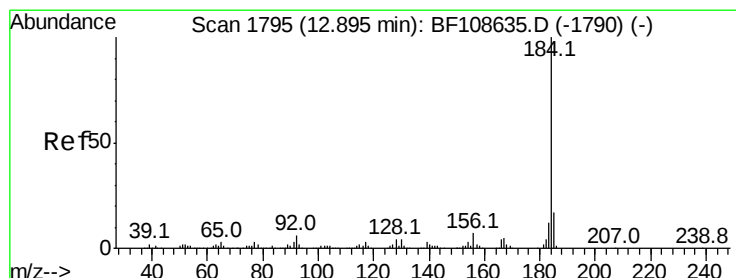
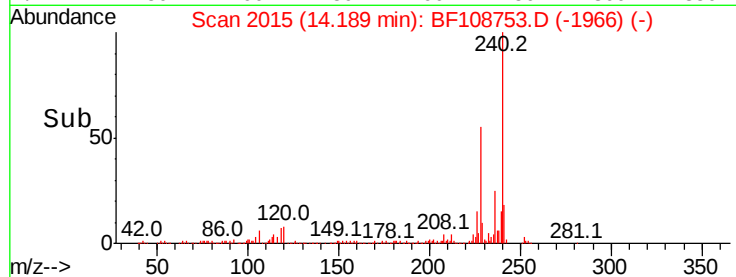
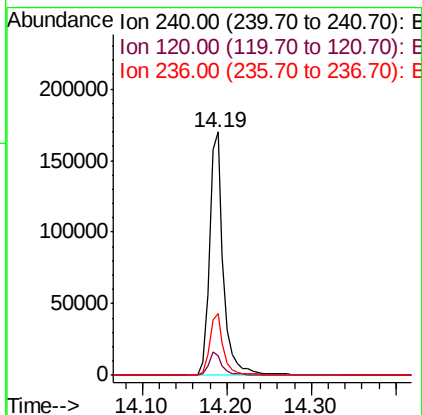
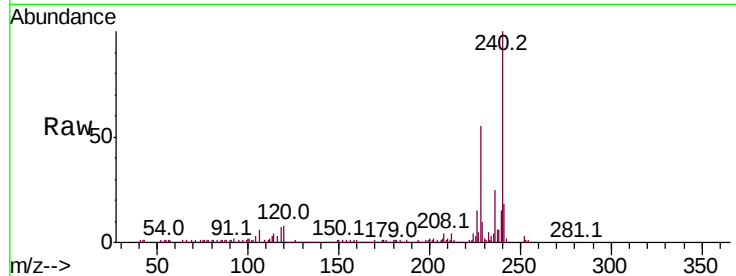
ClientSampleId :

SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	196550		
120	8.1	9.5	14.3#	
236	25.4	20.7	31.1	

Manual Integrations
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#76

Benzidine

Concen: 88.102 ng

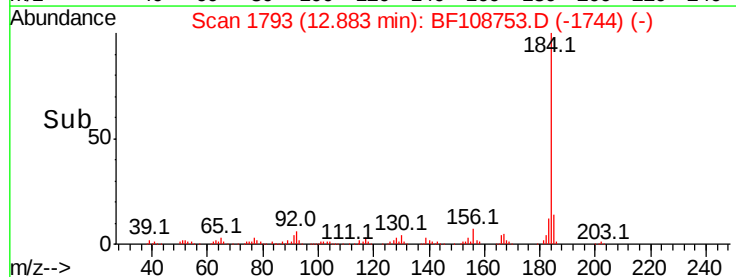
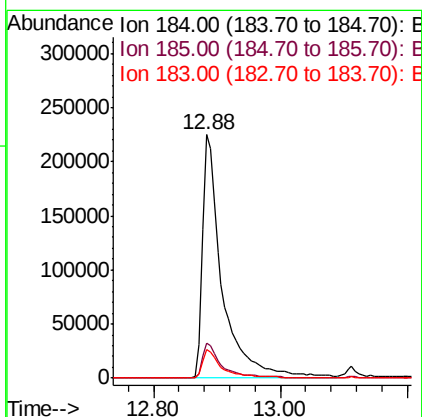
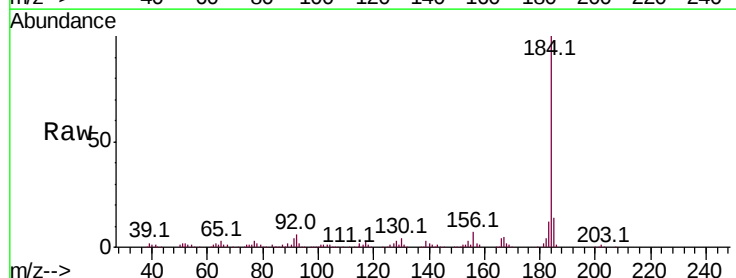
RT: 12.88 min Scan# 1793

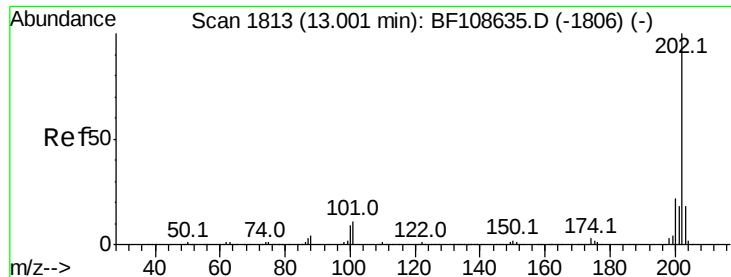
Delta R.T. -0.01 min

Lab File: BF108753.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	487435		
185	14.3	12.6	18.8	
183	12.0	9.3	13.9	





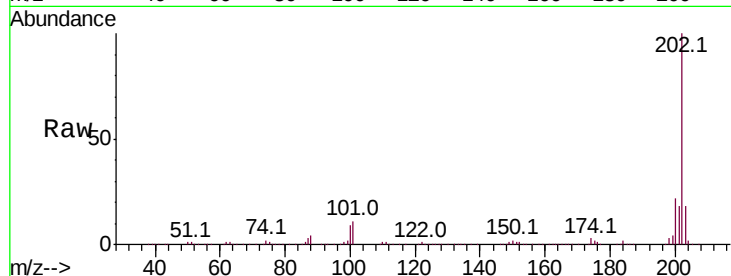
#77
Pvrene
Concen: 43.297 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

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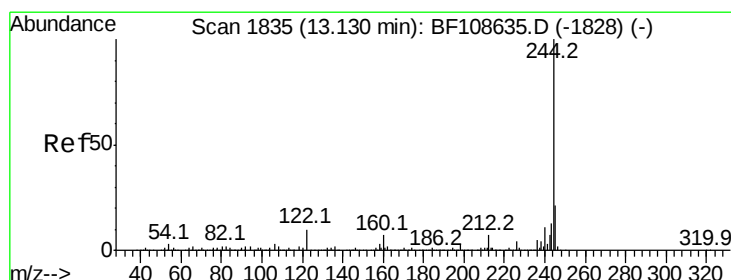
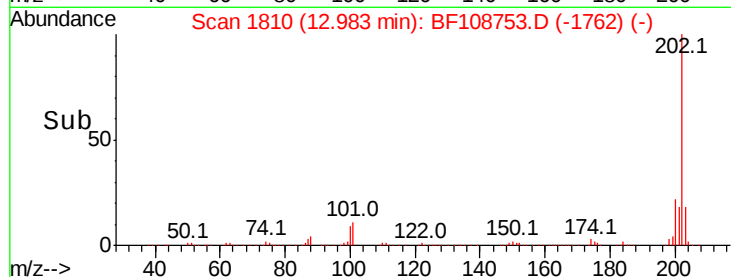
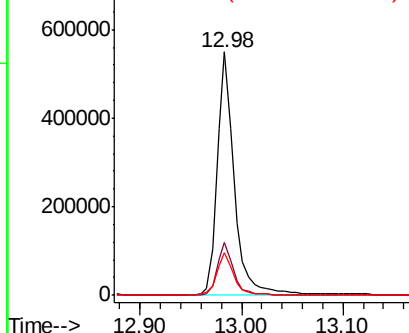


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 75.882 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

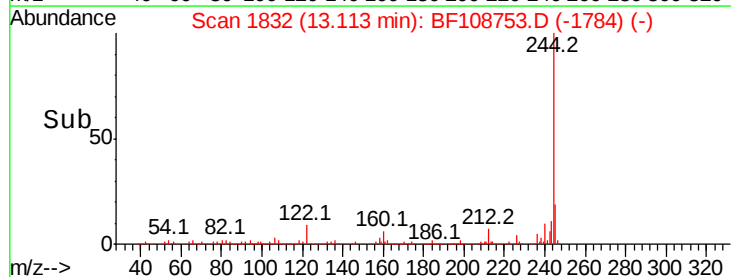
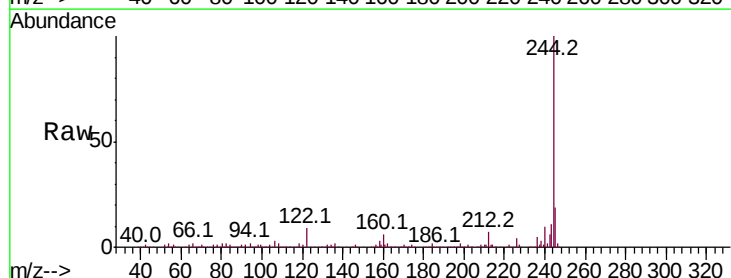
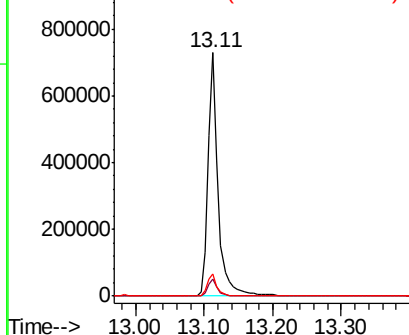
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.9	11.0	16.4#

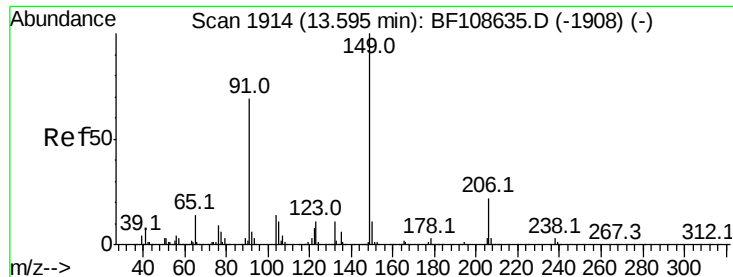
Abundance

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





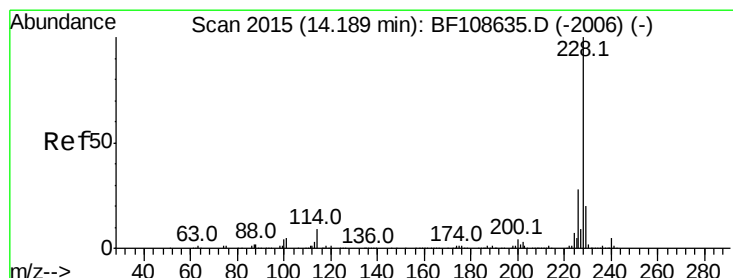
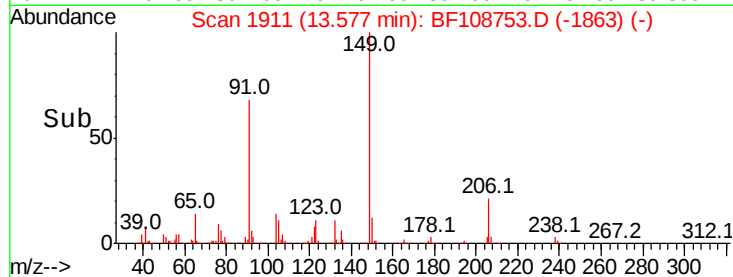
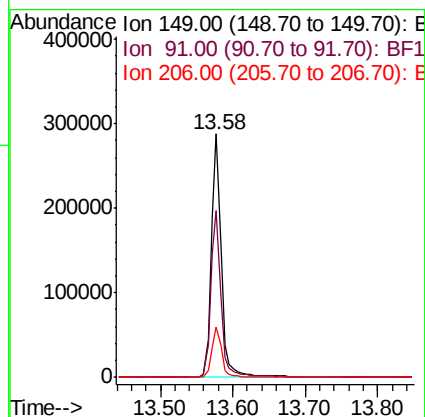
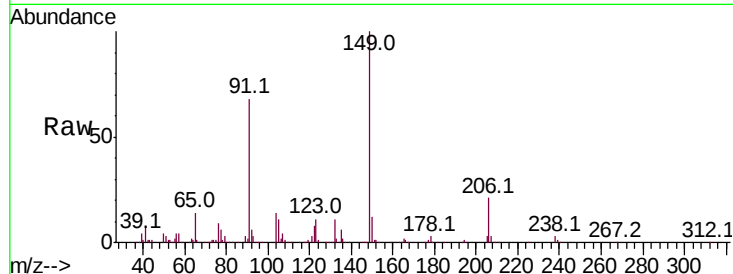
#79
Butylbenzylphthalate
Concen: 44.430 ng
RT: 13.58 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	276037		
91	68.4	56.8	85.2	
206	20.8	14.1	21.1	

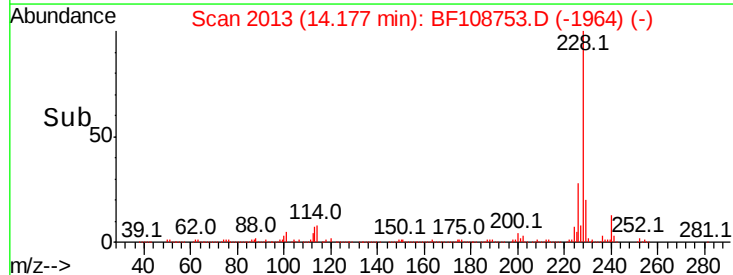
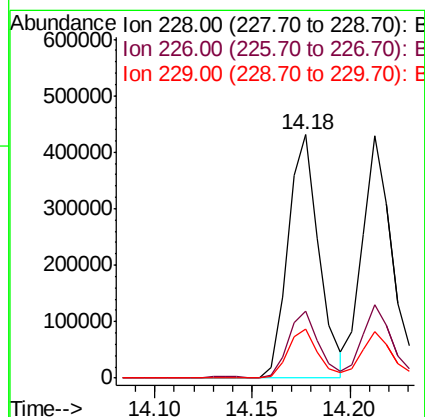
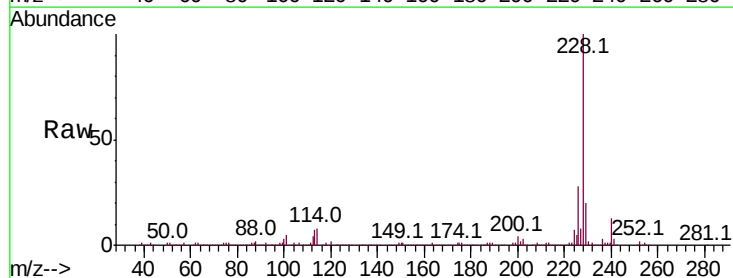
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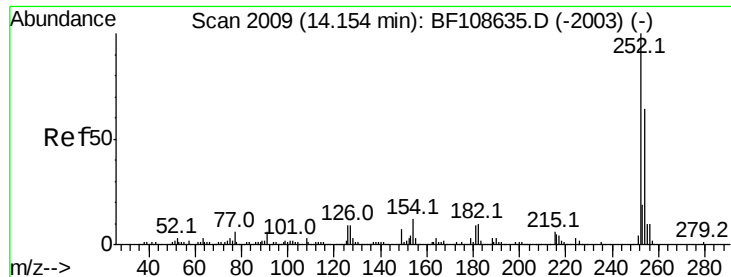
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#80
Benzo(a)anthracene
Concen: 39.446 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	472648		
226	27.7	22.6	33.8	
229	20.0	15.8	23.6	





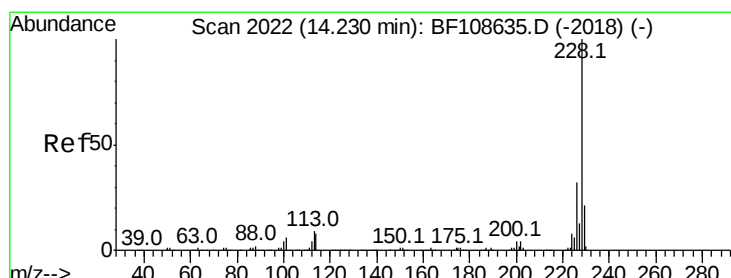
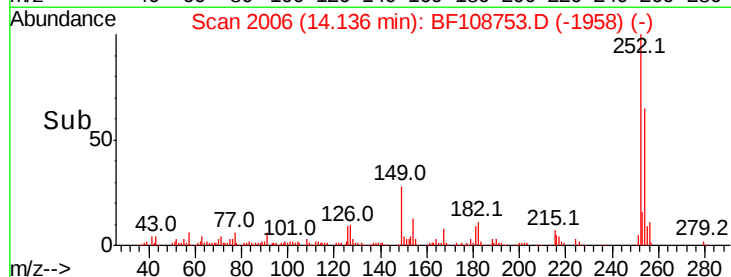
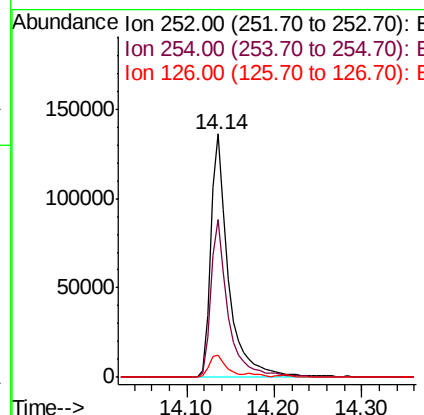
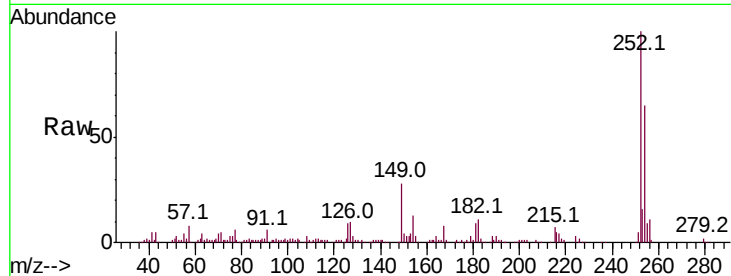
#81
 3,3'-Dichlorobenzidine
 Concen: 44.169 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	50.4	75.6
126	9.2	11.3	16.9#

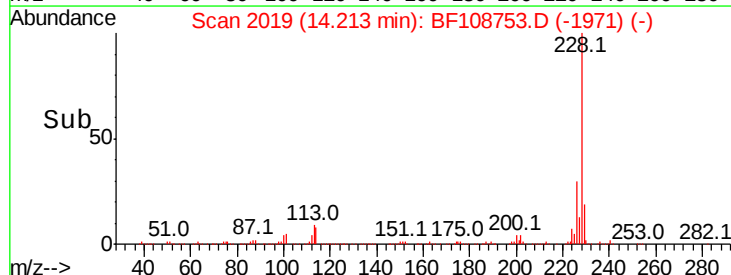
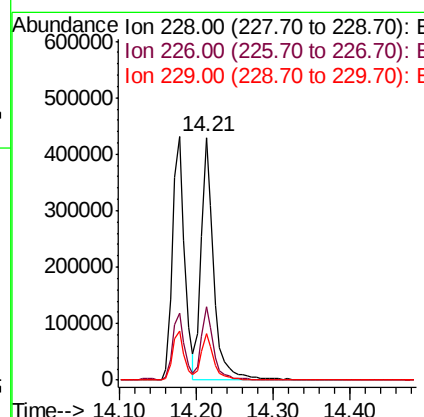
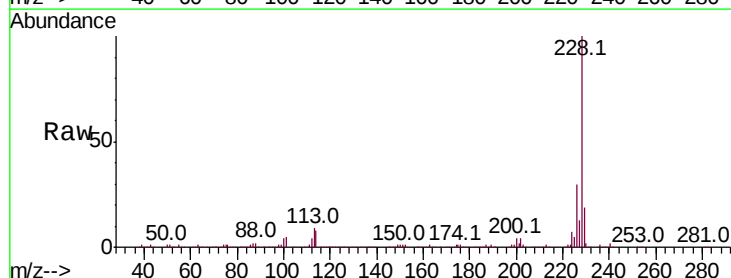
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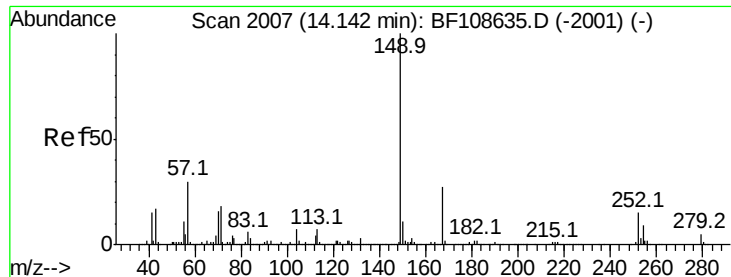
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#82
 Chrysene
 Concen: 42.554 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.3	16.2	24.4





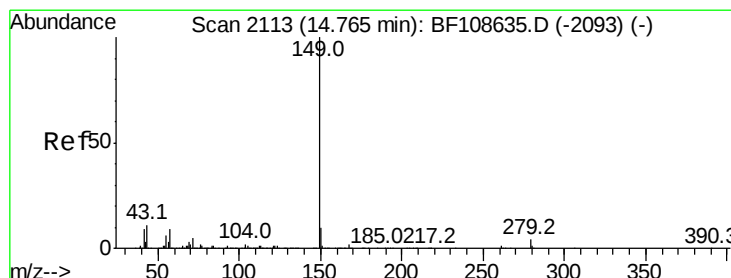
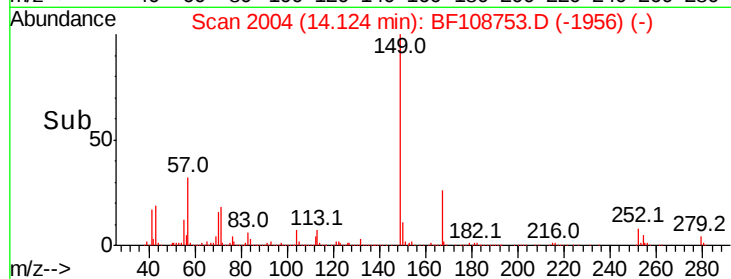
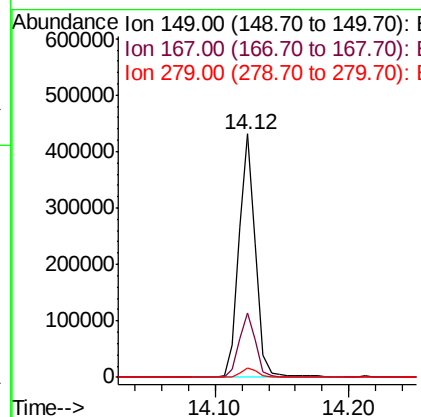
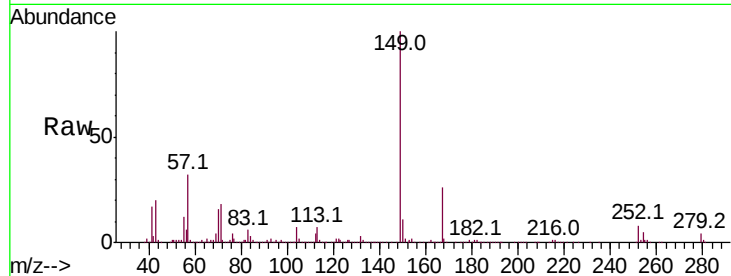
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.047 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	375708		
167	26.2	21.3	31.9	
279	3.9	3.0	4.4	

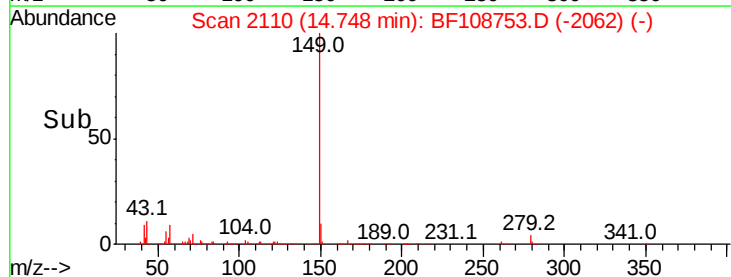
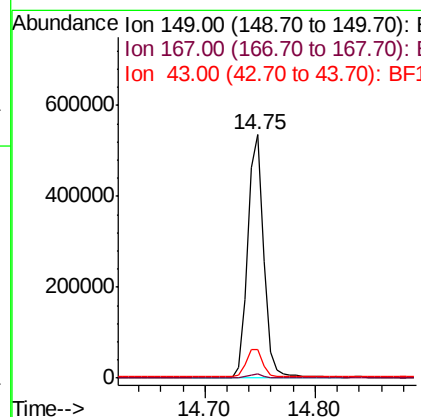
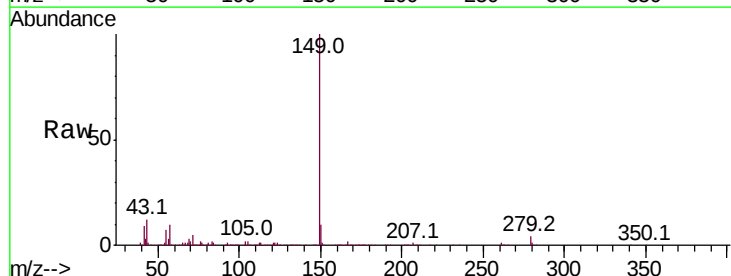
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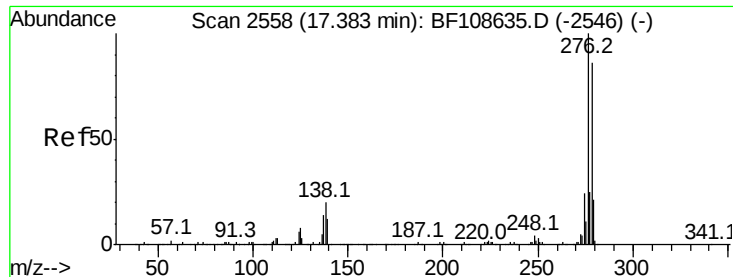
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#84
 Di-n-octyl phthalate
 Concen: 47.066 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	552612		
167	1.7	1.2	1.8	
43	12.0	8.4	12.6	





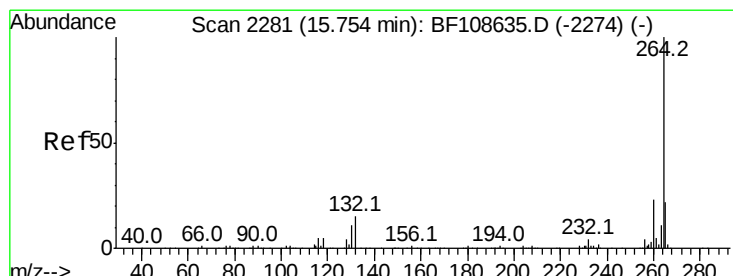
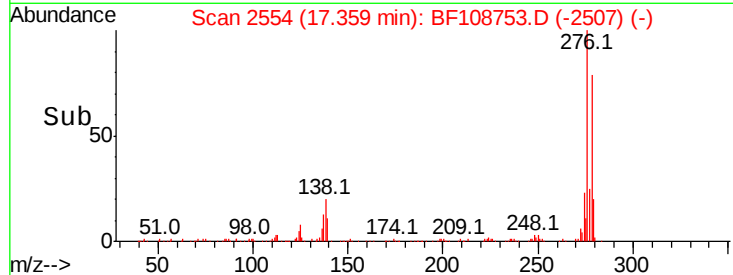
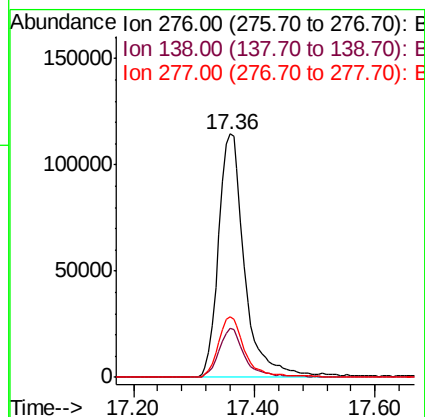
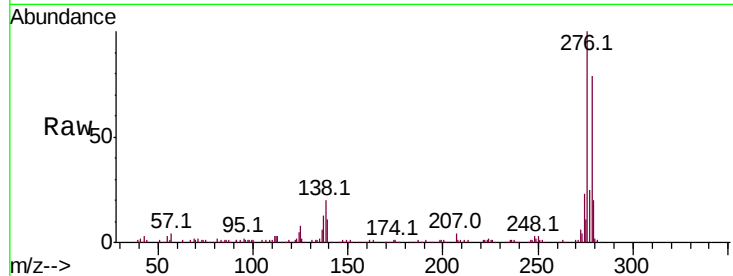
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.074 ng
 RT: 17.36 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	25.3	20.1	30.1

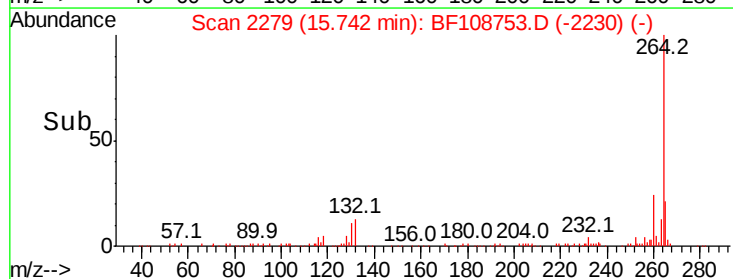
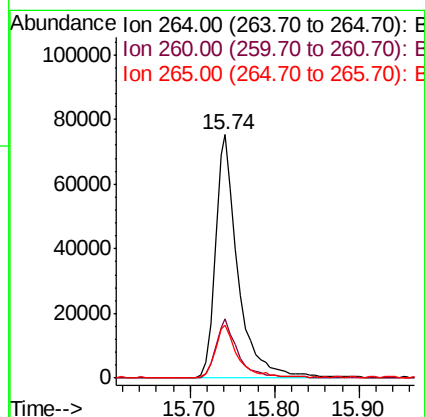
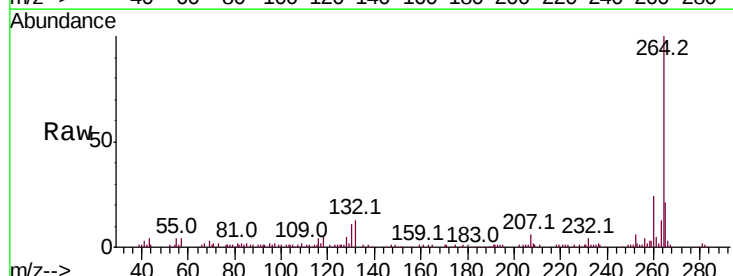
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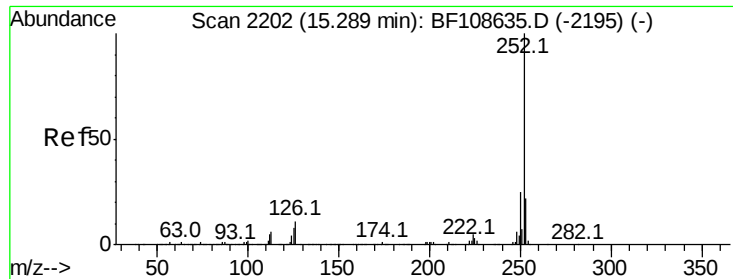
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3





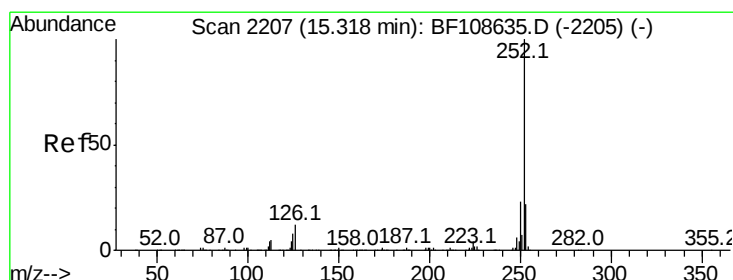
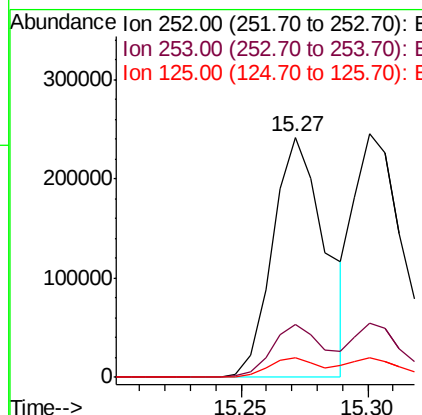
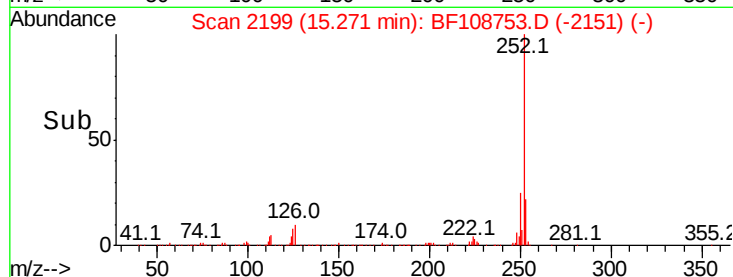
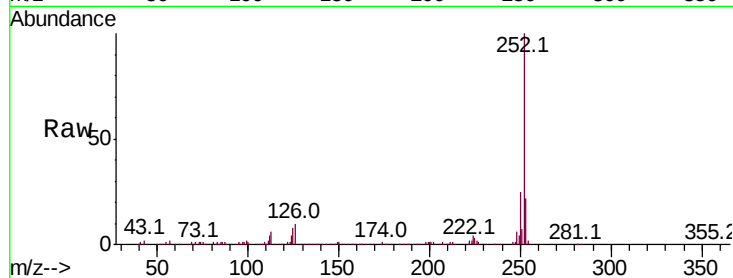
#87
Benzo(b)fluoranthene
Concen: 40.181 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.1	9.0	13.6#

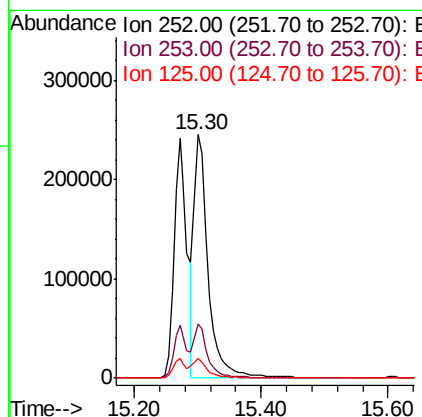
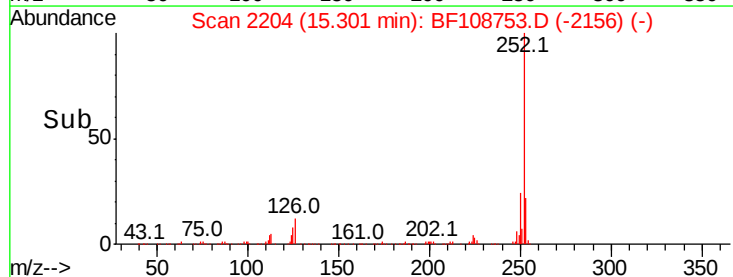
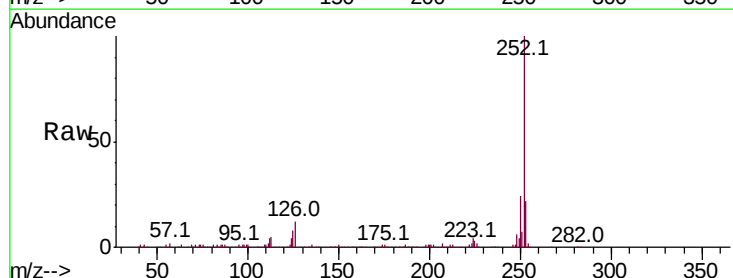
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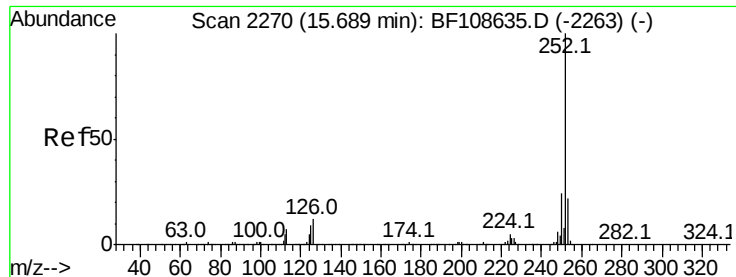
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#88
Benzo(k)fluoranthene
Concen: 43.426 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.1	10.2	15.2#





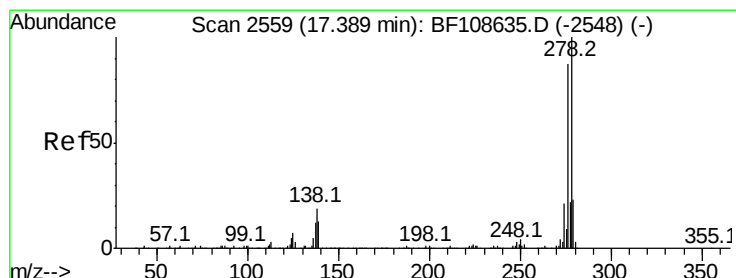
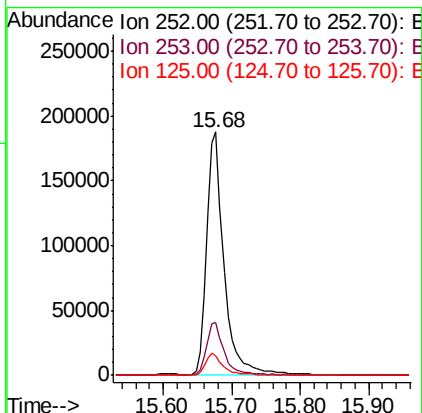
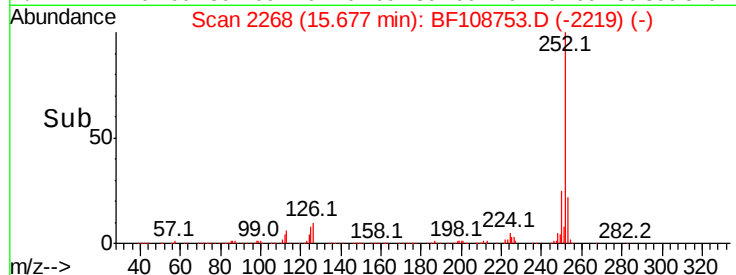
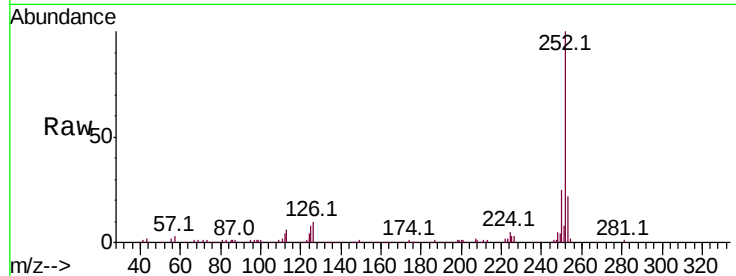
#89
Benzo(a)pyrene
Concen: 42.037 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SB-11MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.9	9.8	14.6

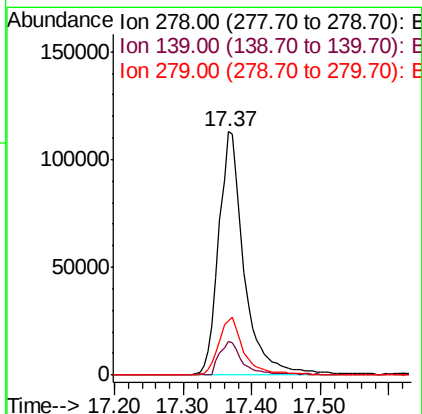
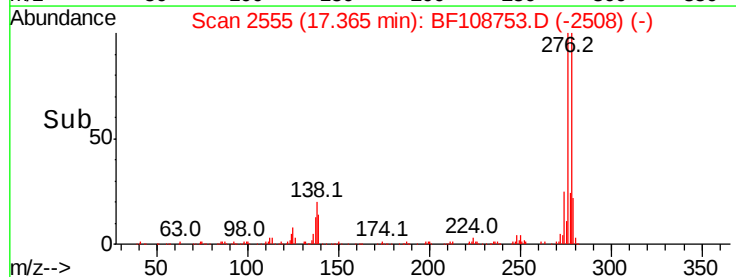
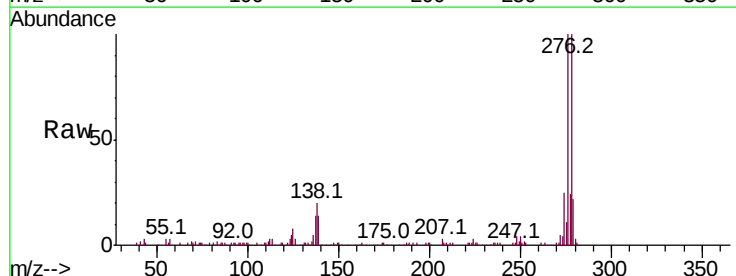
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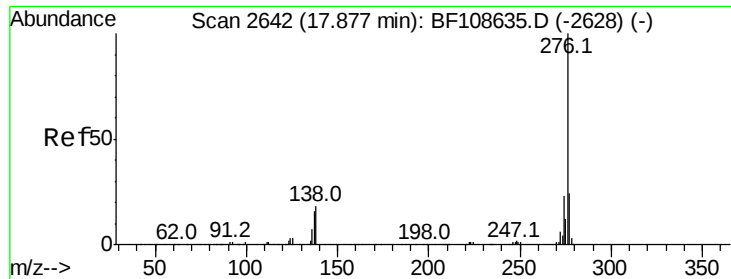
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#90
Dibenzo(a,h)anthracene
Concen: 46.538 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.8	15.9	23.9
279	22.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.688 ng
 RT: 17.85 min Scan# 2637
 Delta R.T. -0.03 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-11MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	17.8	21.8	32.8

Manual Integrations
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