

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102451.D
 Acq On : 26 Jan 2018 3:45
 Operator : SJ/JU
 Sample : J1289-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:57 AM

Quant Time: Jan 26 05:55:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128507	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	514276	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	214361	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	315648	20.00	ng	0.00
75) Chrysene-d12	13.88	240	240247	20.00	ng	0.00
86) Perylene-d12	15.31	264	204337	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1091514	128.79	ng	0.02
7) Phenol-d6	6.37	99	1307105	127.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	810821	90.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	210799	99.25	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1327405	91.05	ng	0.00
78) Terphenyl-d14	12.83	244	973834	91.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	157018	38.993	ng	97
3) Pyridine	3.13	79	434365	41.276	ng	93
4) n-Nitrosodimethylamine	3.09	42	218189	52.887	ng	96
6) Aniline	6.39	93	204479	15.130	ng	# 1
8) 2-Chlorophenol	6.51	128	417403	46.982	ng	97
9) Benzaldehyde	6.27	77	219363	38.043	ng	94
10) Phenol	6.39	94	515730	46.233	ng	89
11) bis(2-Chloroethyl)ether	6.46	93	397035	46.798	ng	99
12) 1,3-Dichlorobenzene	6.66	146	448947	42.489	ng	98
13) 1,4-Dichlorobenzene	6.74	146	456203	43.102	ng	97
14) 1,2-Dichlorobenzene	6.89	146	423512	43.745	ng	97
15) Benzyl Alcohol	6.87	79	317689	44.067	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	616384	43.318	ng	79
17) 2-Methylphenol	6.99	107	338950	43.929	ng	# 93
18) Hexachloroethane	7.23	117	136056	36.889	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	277339	44.353	ng	96
20) 3+4-Methylphenols	7.14	107	434387	47.868	ng	# 73
22) Acetophenone	7.13	105	564226	46.024	ng	96
24) Nitrobenzene	7.31	77	422892	46.176	ng	96
25) Isophorone	7.55	82	756835	47.439	ng	99
26) 2-Nitrophenol	7.62	139	178411	37.014	ng	96
27) 2,4-Dimethylphenol	7.67	122	364857	52.130	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	492891	50.013	ng	99
29) 2,4-Dichlorophenol	7.87	162	337892	47.394	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	331707	43.404	ng	99
31) Naphthalene	8.03	128	1151013	44.827	ng	100
32) Benzoic acid	7.77	122	50660	8.639	ng	98
33) 4-Chloroaniline	8.08	127	119764	11.092	ng	95
34) Hexachlorobutadiene	8.13	225	170281	41.718	ng	97
35) Caprolactam	8.46	113	111984m	47.560	ng	
36) 4-Chloro-3-methylphenol	8.57	107	343134	45.661	ng	99
37) 2-Methylnaphthalene	8.72	142	757361	44.290	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	295672	45.846	ng	99
40) Hexachlorocyclopentadiene	8.86	237	28624	9.918	ng	96

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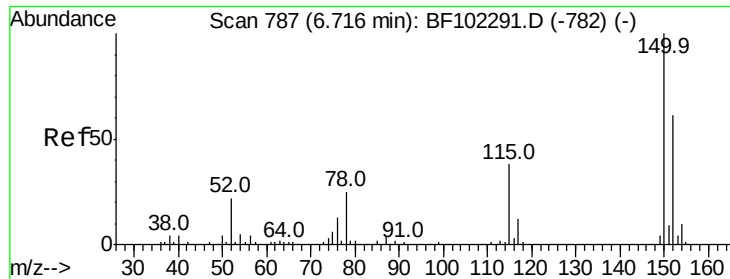
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	195513	45.286	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	206590	42.500	nq	99
45) 1,1'-Biphenyl	9.18	154	861571	44.950	nq	99
46) 2-Chloronaphthalene	9.20	162	662961	44.498	nq	100
47) 2-Nitroaniline	9.31	65	221751	47.741	nq	98
48) Acenaphthylene	9.62	152	984504	42.415	nq	100
49) Dimethylphthalate	9.48	163	900730	50.836	nq	100
50) 2,6-Dinitrotoluene	9.55	165	158713	41.547	nq	96
51) Acenaphthene	9.79	154	575337	42.442	nq	99
52) 3-Nitroaniline	9.72	138	144912	32.067	nq	93
53) 2,4-Dinitrophenol	9.83	184	6627	7.383	nq	# 25
54) Dibenzofuran	9.96	168	838237	45.690	nq	98
55) 4-Nitrophenol	9.90	139	216747	72.660	nq	96
56) 2,4-Dinitrotoluene	9.96	165	176152	37.498	nq	# 91
57) Fluorene	10.30	166	633325	43.565	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	143448	41.331	nq	96
59) Diethylphthalate	10.18	149	736042	42.749	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	279209	44.299	nq	98
61) 4-Nitroaniline	10.33	138	190063	42.148	nq	92
62) Azobenzene	10.46	77	662224	42.009	nq	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	8589	4.079	nq	83
65) n-Nitrosodiphenylamine	10.42	169	578364	49.921	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	166406	48.973	nq	93
67) Hexachlorobenzene	10.85	284	159894	42.075	nq	98
68) Atrazine	10.95	200	164374	48.038	nq	99
69) Pentachlorophenol	11.05	266	134253	67.251	nq	98
70) Phenanthrene	11.27	178	843312	45.848	nq	99
71) Anthracene	11.32	178	862566	45.945	nq	100
72) Carbazole	11.48	167	827669	45.189	nq	99
73) Di-n-butylphthalate	11.80	149	1046660	45.717	nq	98
74) Fluoranthene	12.46	202	830320	44.267	nq	96
76) Benzidine	12.58	184	450285	55.792	nq	98
77) Pyrene	12.69	202	835174	44.962	nq	99
79) Butylbenzylphthalate	13.30	149	424062	45.875	nq	98
80) Benzo(a)anthracene	13.87	228	702757	47.512	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	248992	45.889	nq	97
82) Chrysene	13.91	228	672768	44.790	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	581326	46.795	nq	100
84) Di-n-octyl phthalate	14.47	149	988143	48.912	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	512118	41.284	nq	97
87) Benzo(b)fluoranthene	14.90	252	608233	45.925	nq	97
88) Benzo(k)fluoranthene	14.93	252	574081	45.880	nq	99
89) Benzo(a)pyrene	15.25	252	543620	45.511	nq	# 97
90) Dibenzo(a,h)anthracene	16.72	278	428285	44.263	nq	98
91) Benzo(g,h,i)perylene	17.13	276	421306	44.098	nq	98

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



#1

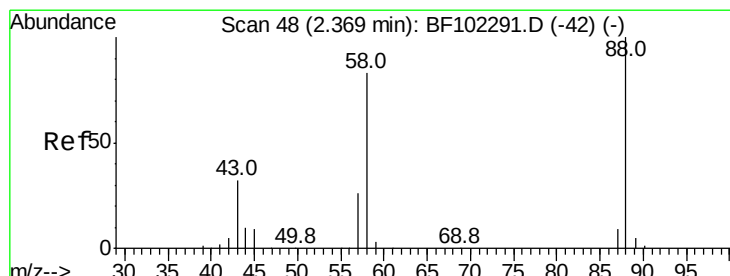
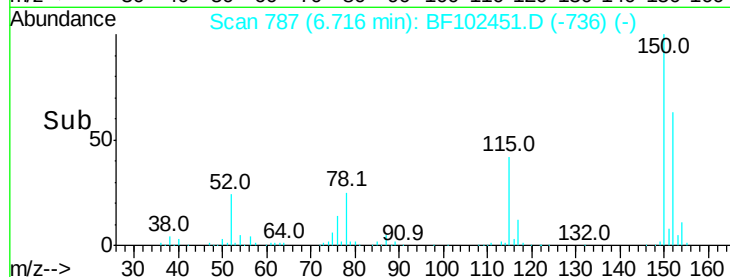
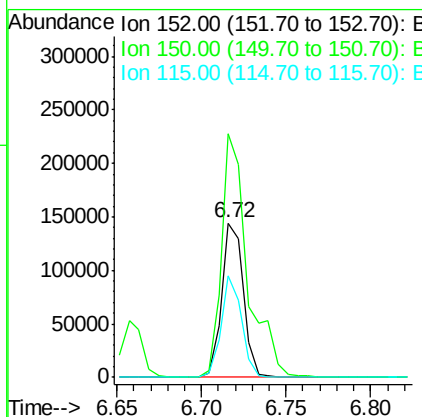
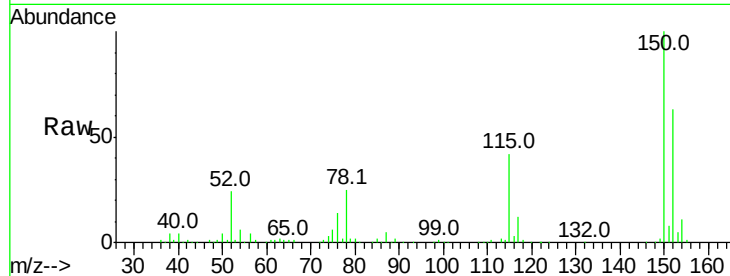
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	65.7	50.1	75.1

Manual Integrations
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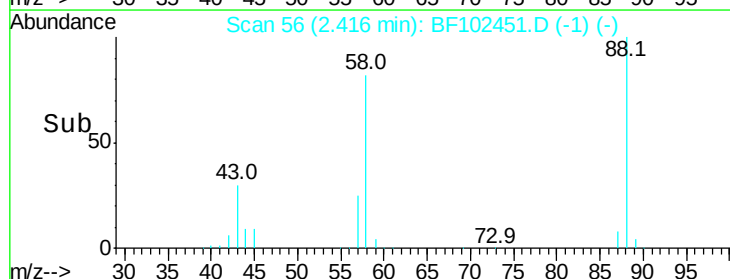
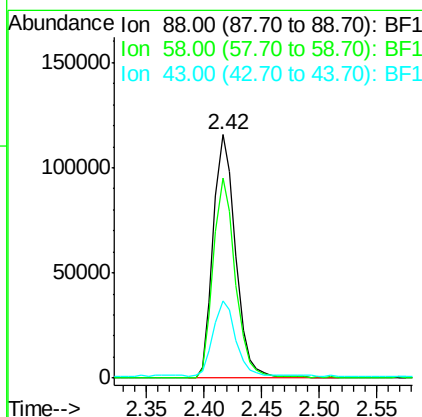
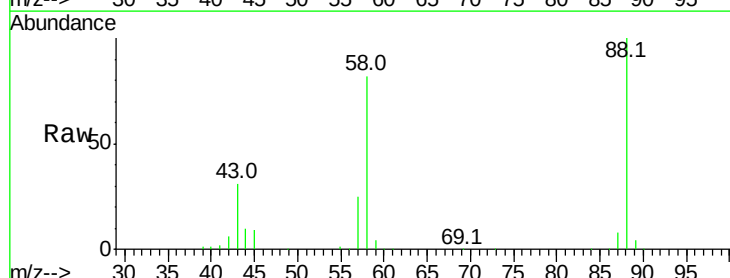
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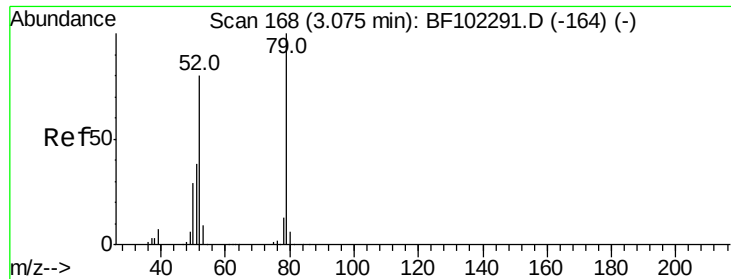


#2

1,4-Dioxane
Concen: 38.993 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	62.6	93.8
43	30.1	24.6	37.0





#3

Pvridine

Concen: 41.276 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

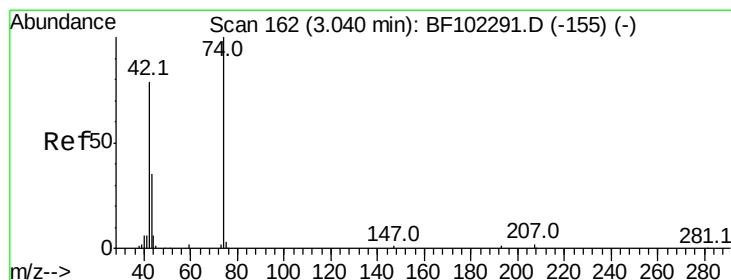
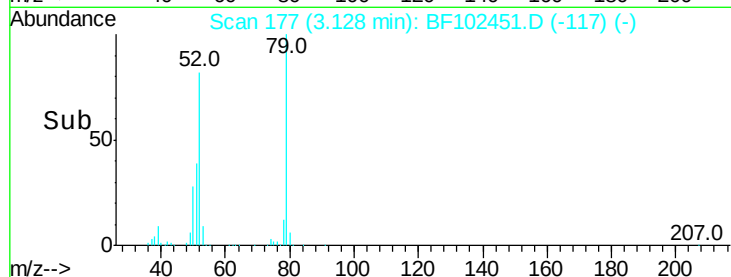
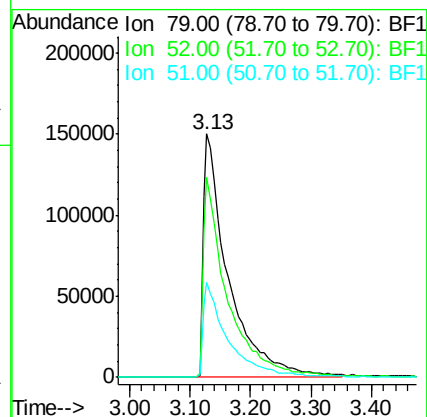
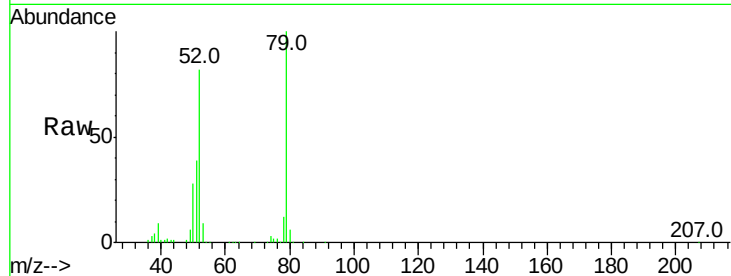
ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion:	79	Resp:	434365
Ion Ratio	Lower	Upper	
79	100		
52	82.4	59.8	89.6
51	39.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 52.887 ng

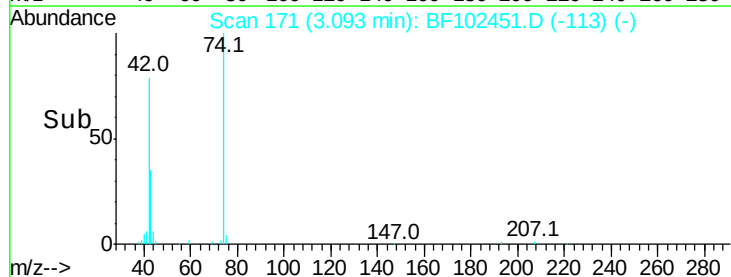
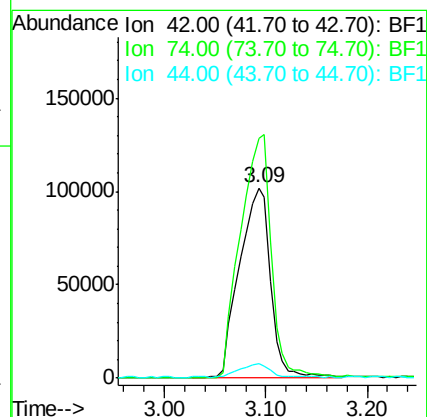
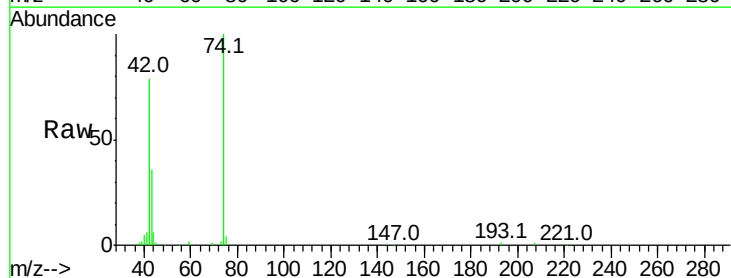
RT: 3.09 min Scan# 171

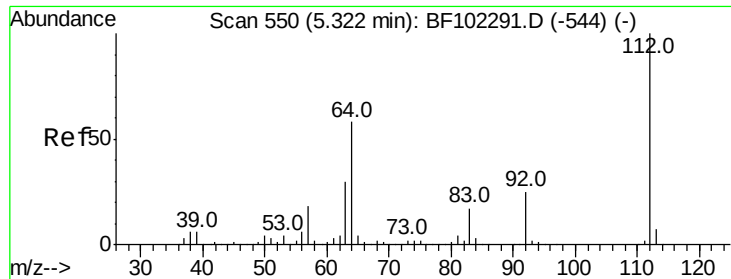
Delta R.T. 0.04 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion:	42	Resp:	218189
Ion Ratio	Lower	Upper	
42	100		
74	126.4	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 128.788 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion:112 Resp: 1091514

Ion Ratio Lower Upper

112 100

64 58.5 47.9 71.9

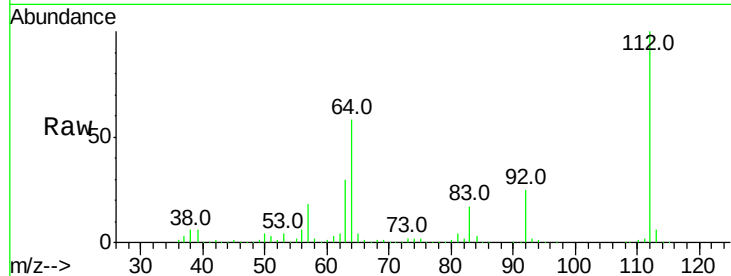
63 30.1 23.7 35.5

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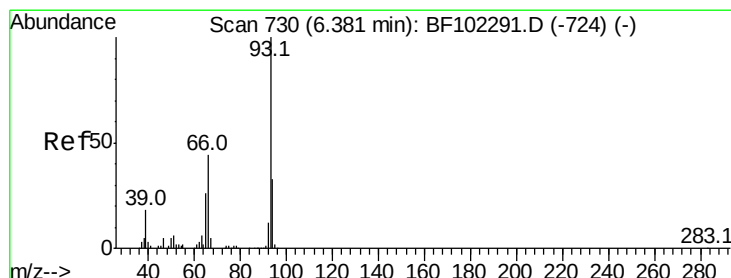
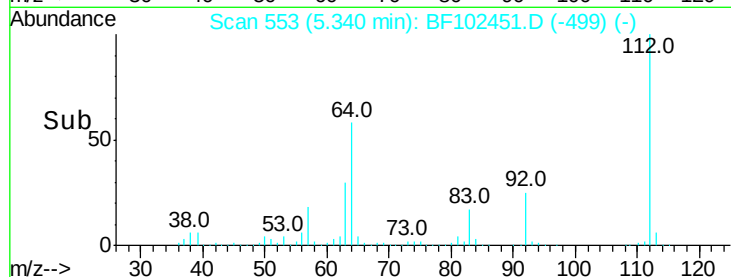
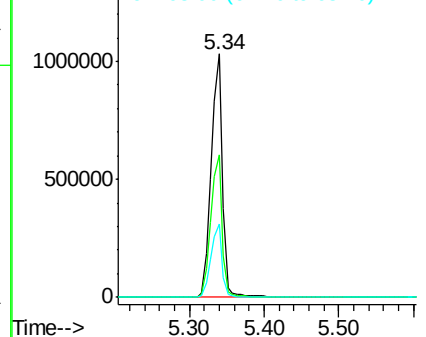
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.130 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

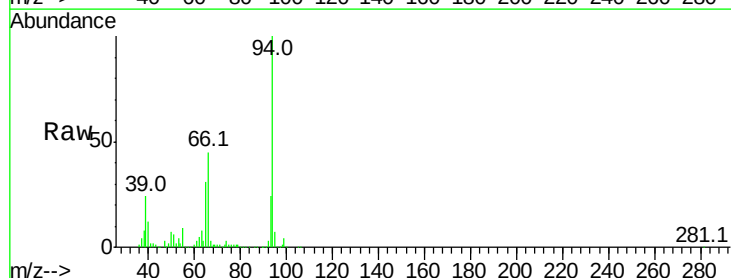
Tgt Ion: 93 Resp: 204479

Ion Ratio Lower Upper

93 100

66 186.0 32.2 48.2#

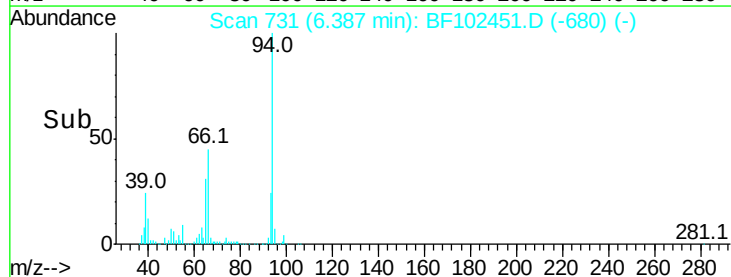
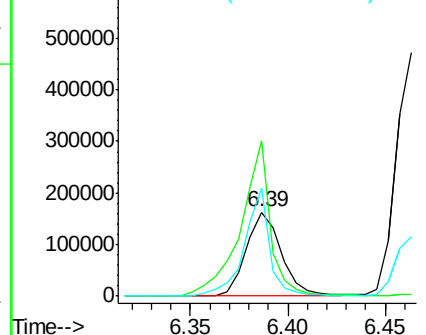
65 128.4 16.4 24.6#

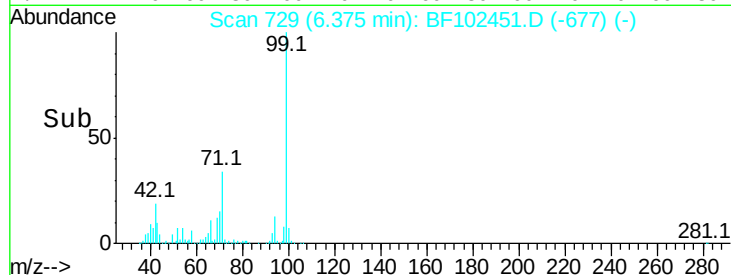
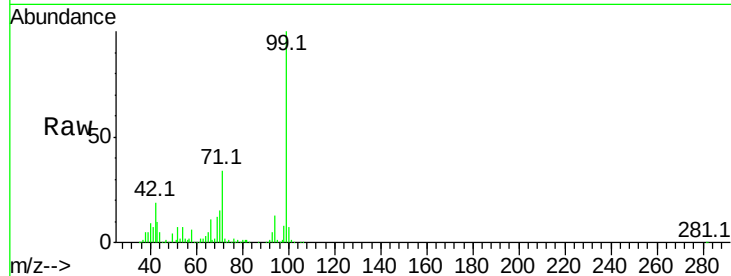
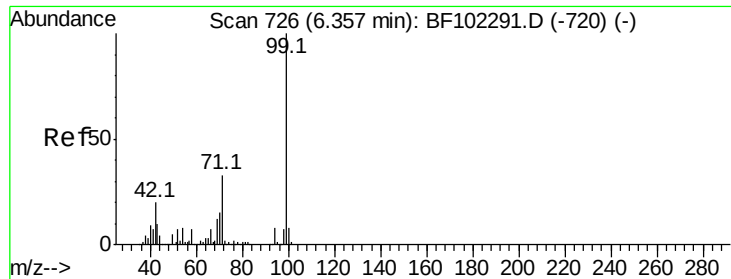


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.926 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tot Ion: 99 Resp: 1307105

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 34.0 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

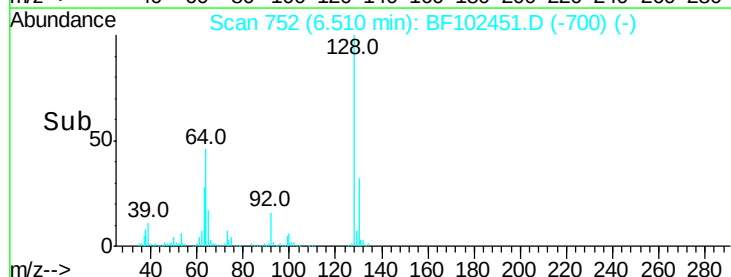
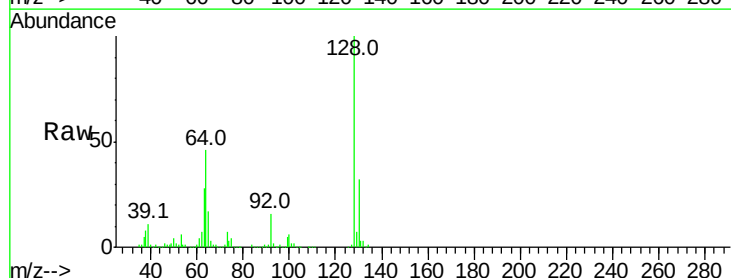
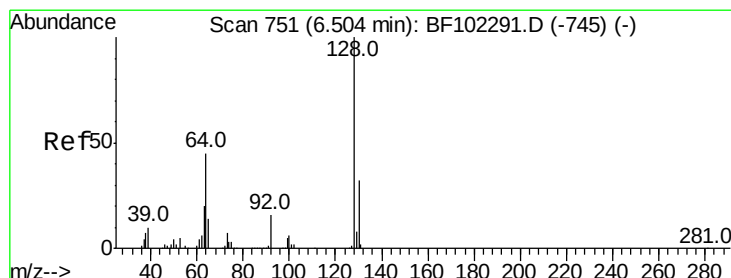
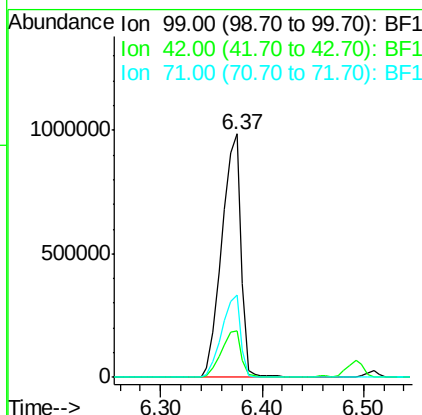
SB-08-9.5-10.0MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.982 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

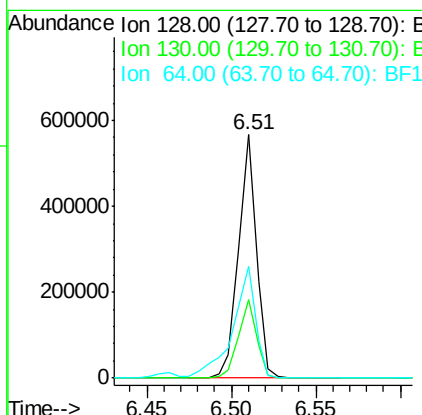
Tgt Ion: 128 Resp: 417403

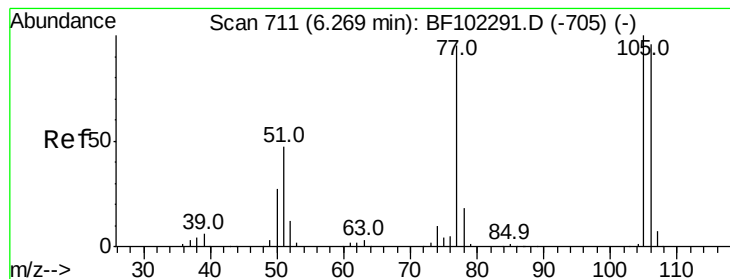
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 46.0 29.4 69.4





#9

Benzaldehyde

Concen: 38.043 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

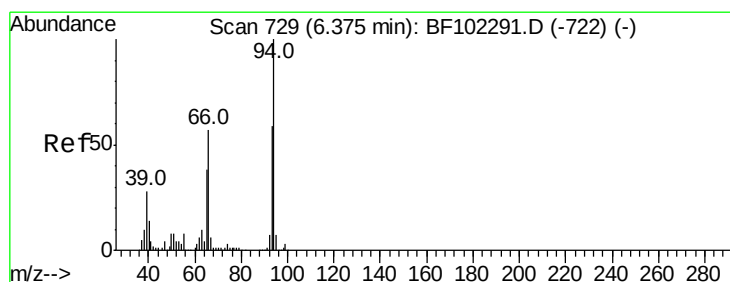
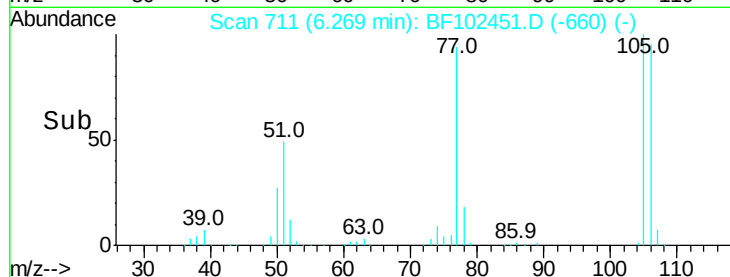
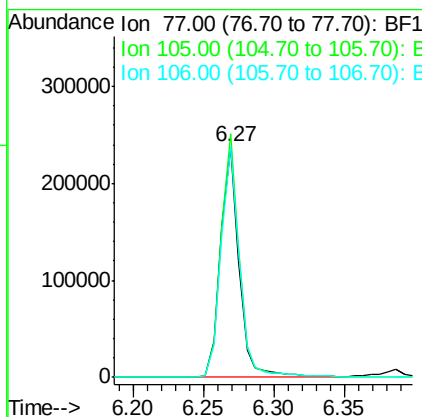
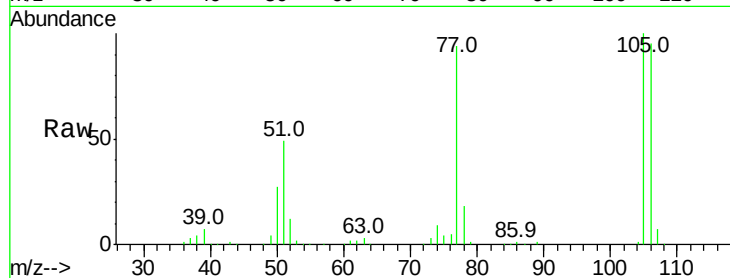
ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion:	77	Resp:	219363
Ion	Ratio	Lower	Upper
77	100		
105	105.9	81.1	121.1
106	100.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 46.233 ng

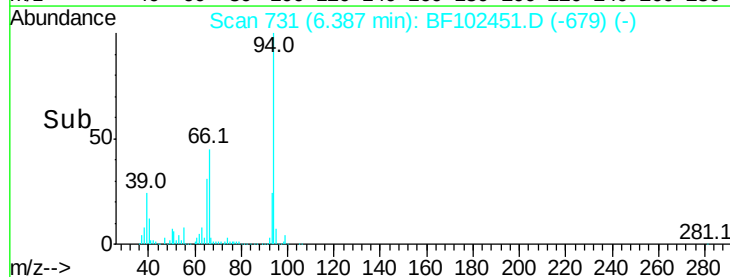
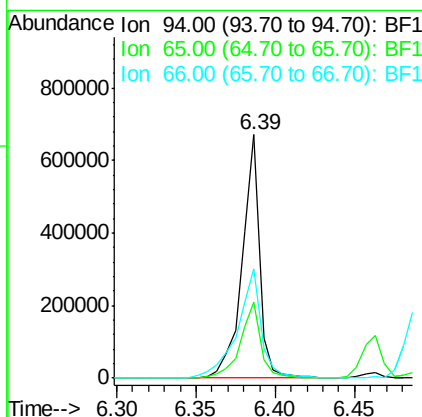
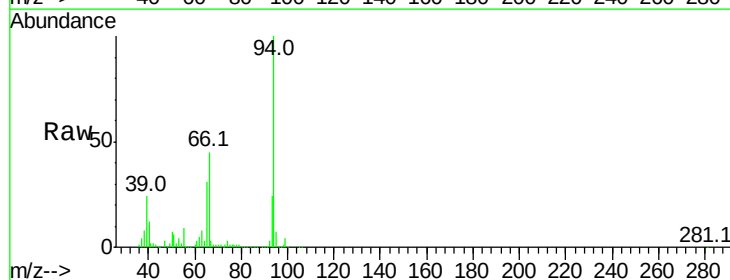
RT: 6.39 min Scan# 731

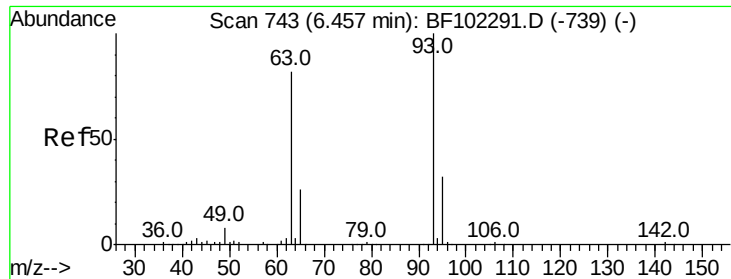
Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion:	94	Resp:	515730
Ion	Ratio	Lower	Upper
94	100		
65	31.0	7.9	47.9
66	45.0	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 46.798 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

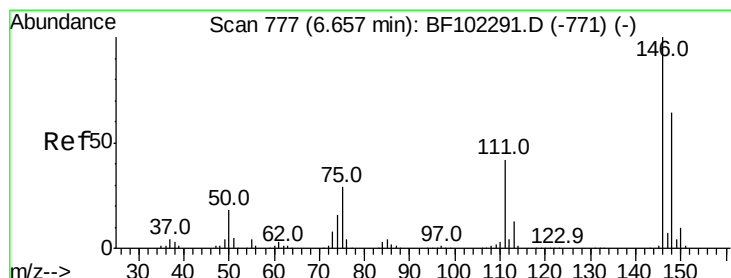
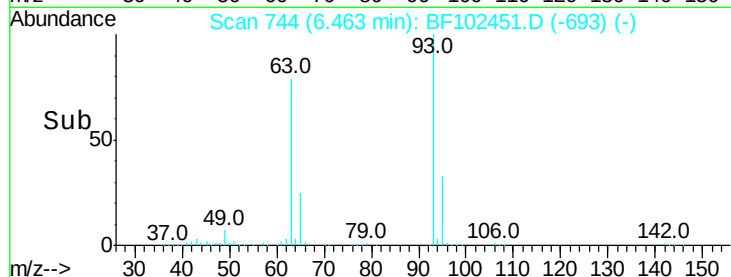
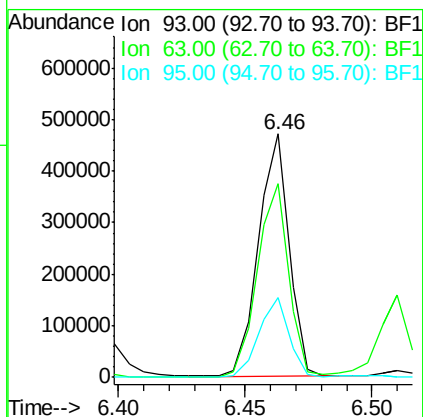
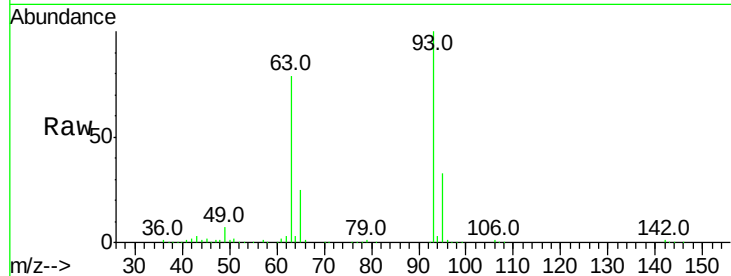
SB-08-9.5-10.0MSD

Tot Ion: 93 Resp: 397035

Ion	Ratio	Lower	Upper
93	100		
63	79.4	58.6	98.6
95	32.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 42.489 ng

RT: 6.66 min Scan# 777

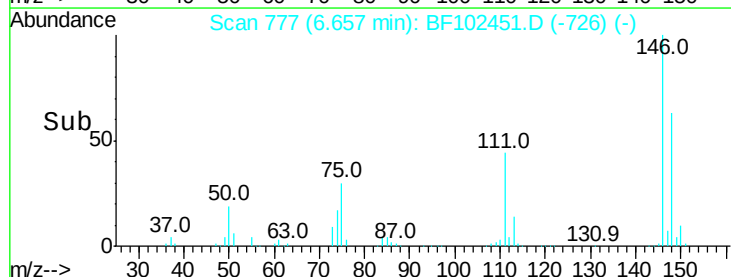
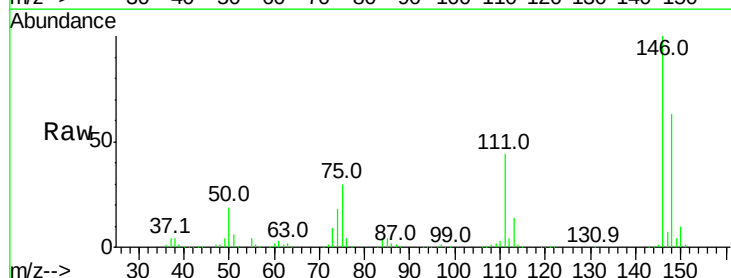
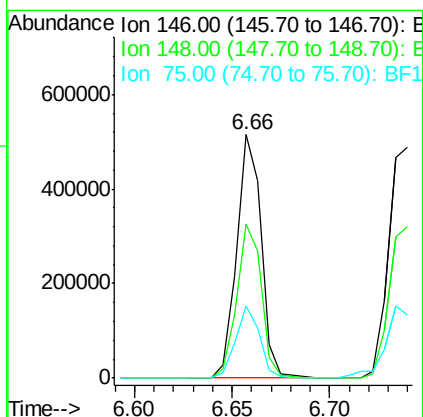
Delta R.T. 0.00 min

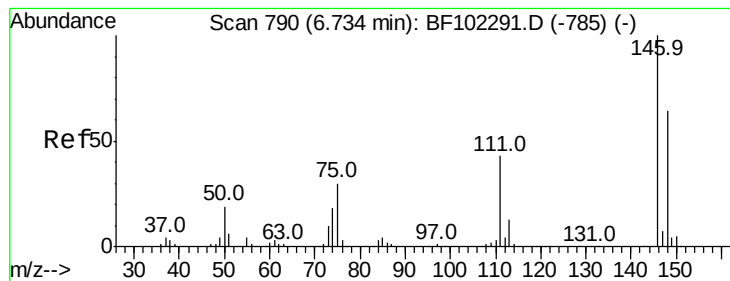
Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion: 146 Resp: 448947

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.102 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

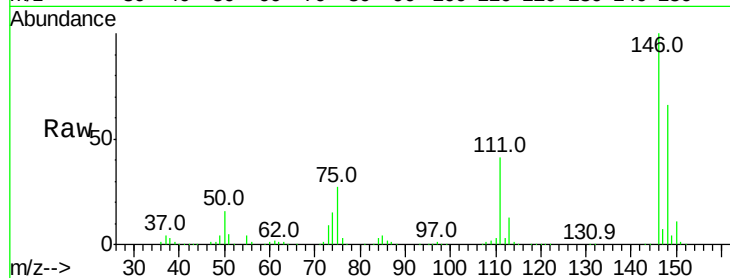
ClientSampleId :

SB-08-9.5-10.0MSD

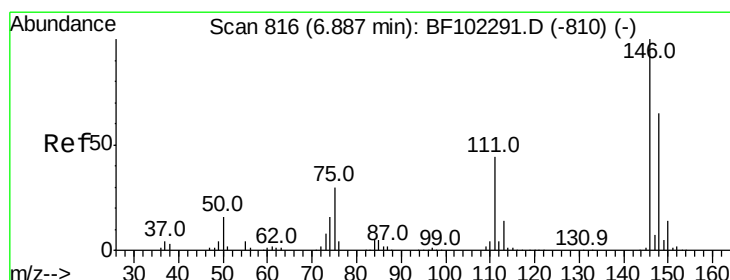
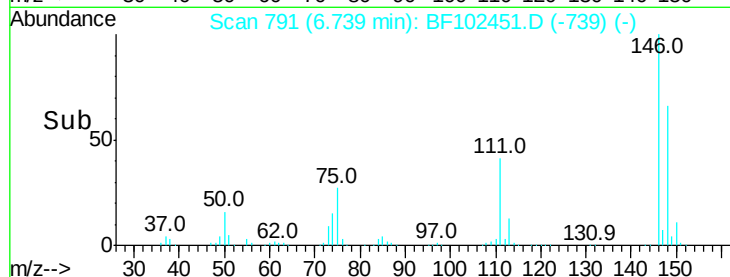
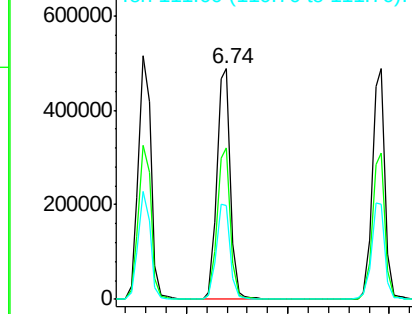
Tot Ion:	146	Resp:	456203
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.8	76.2
111	40.5	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.745 ng

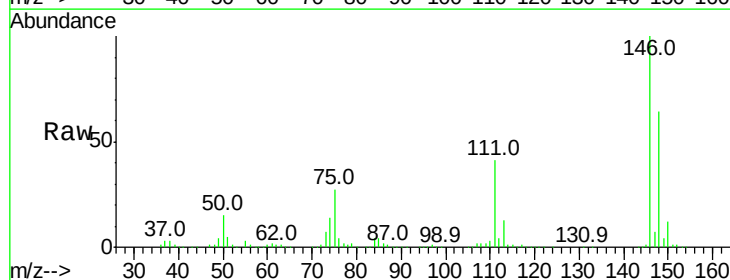
RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

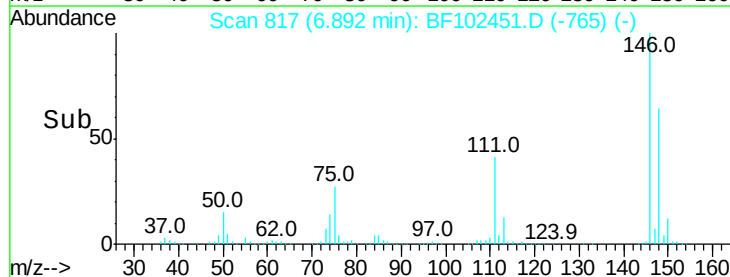
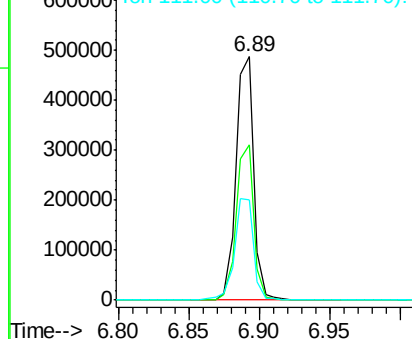
Lab File: BF102451.D

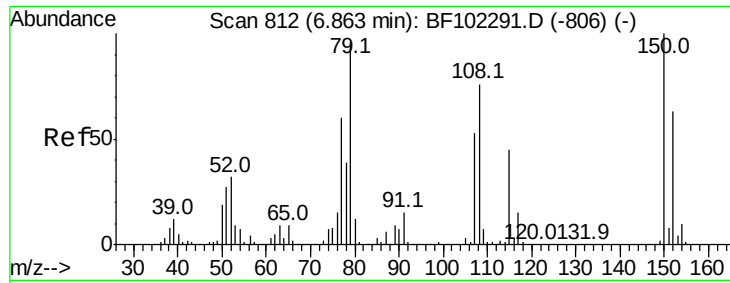
Acq: 26 Jan 2018 3:45

Tgt Ion:	146	Resp:	423512
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	75.8
111	41.2	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





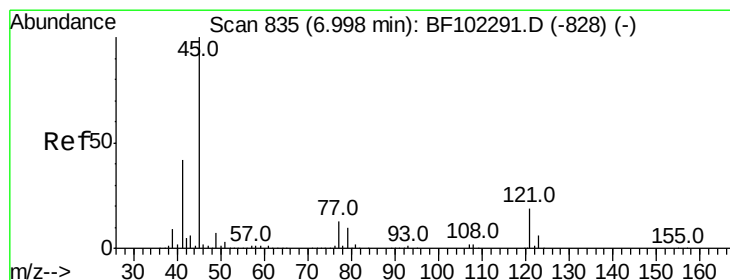
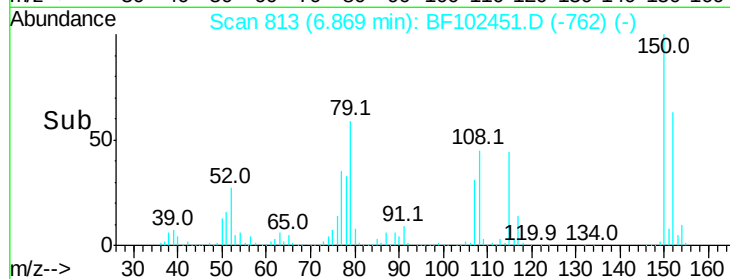
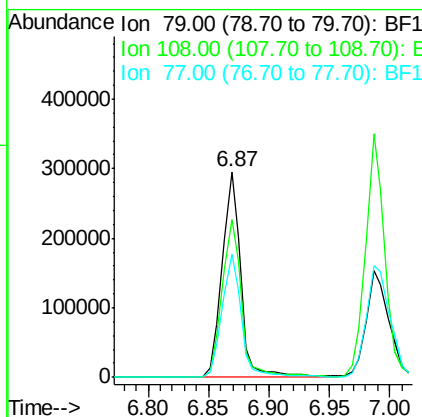
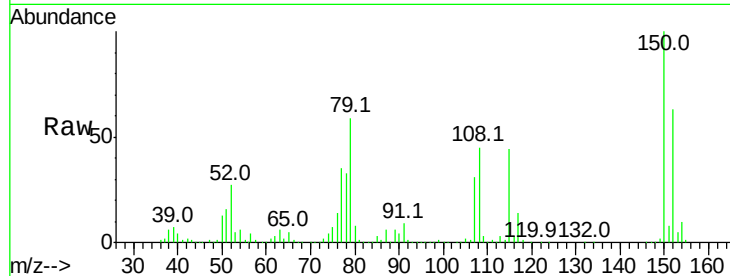
#15
Benzyl Alcohol
Concen: 44.067 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	65.1	97.7
77	60.1	50.6	75.8

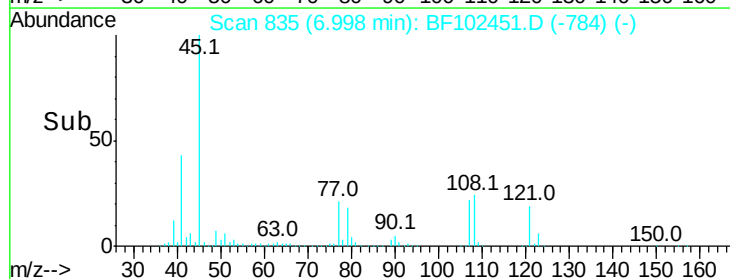
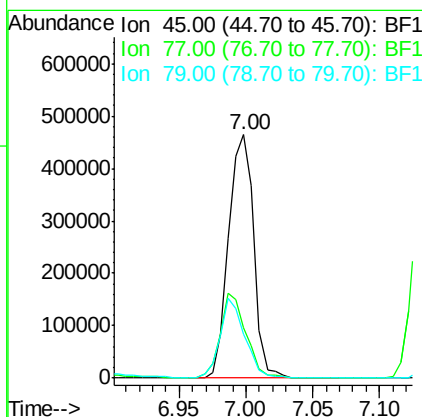
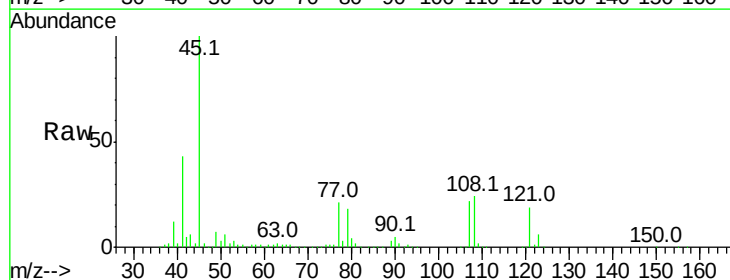
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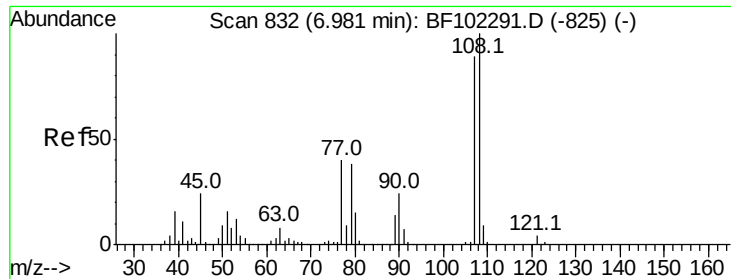
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.318 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.6	0.0	32.9
79	18.2	0.0	29.6





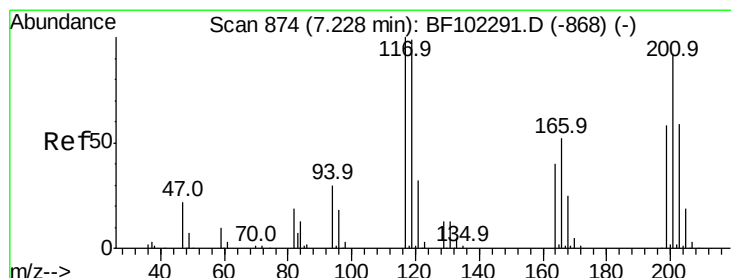
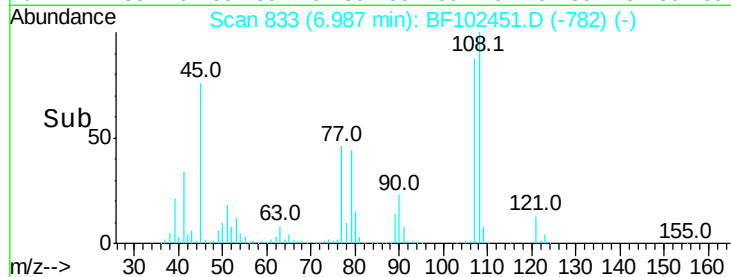
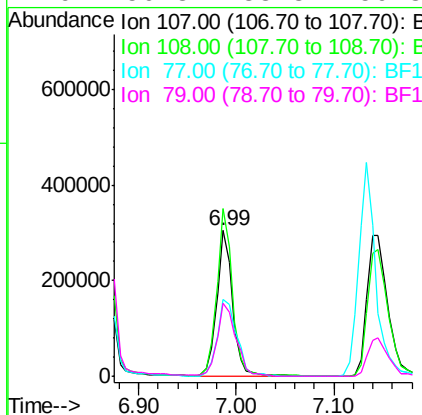
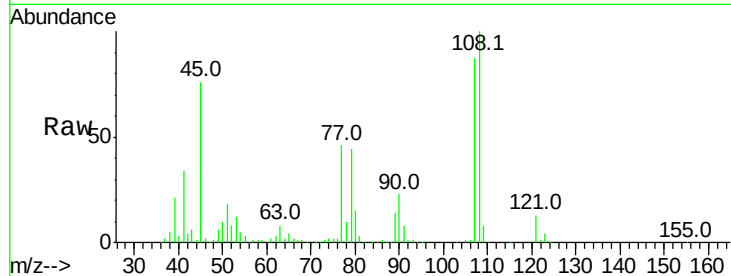
#17
2-Methylphenol
Concen: 43.929 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	91.7	137.5	
77	53.0	33.8	50.8#	
79	50.3	33.8	50.8	

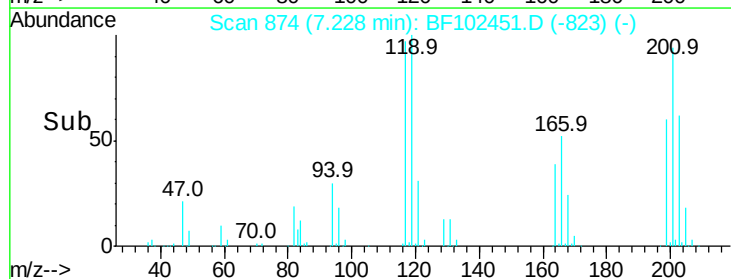
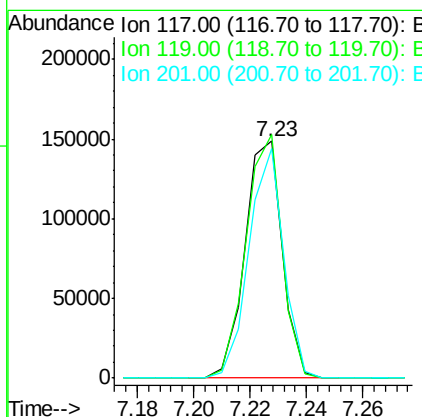
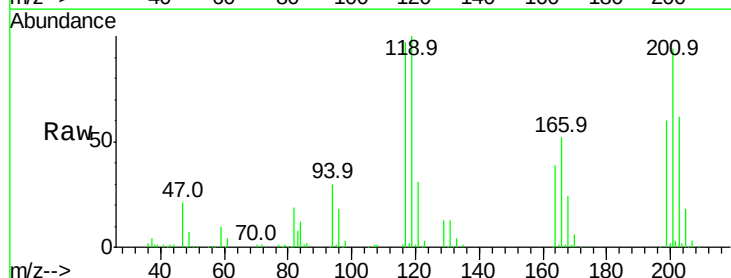
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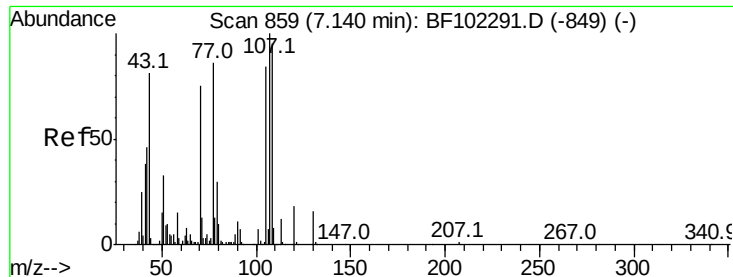
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#18
Hexachloroethane
Concen: 36.889 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.7	75.8	113.8	
201	96.7	75.7	113.5	





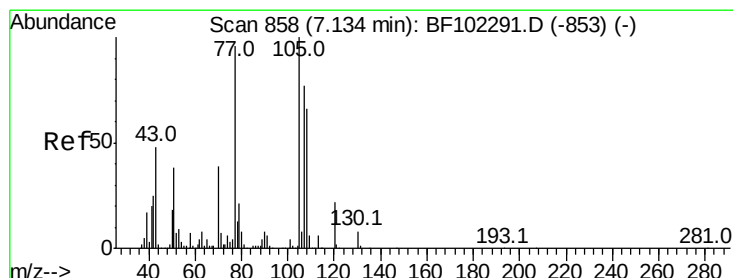
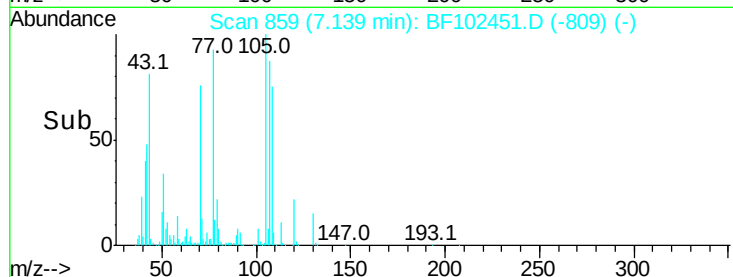
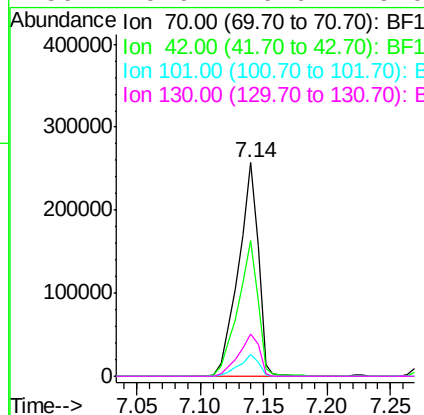
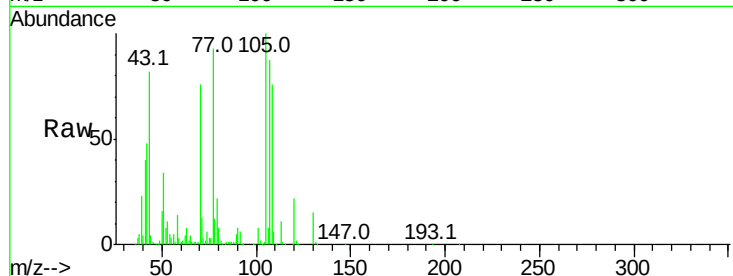
#19
n-Nitroso-di-n-propylamine
Concen: 44.353 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.5	71.3
101	10.0	7.4	11.2
130	19.9	16.6	25.0

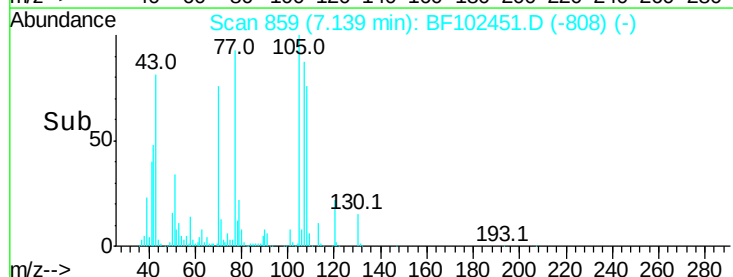
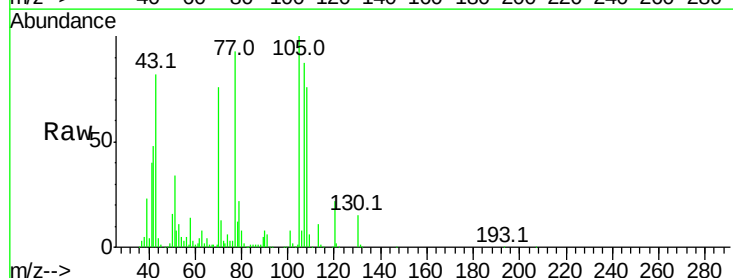
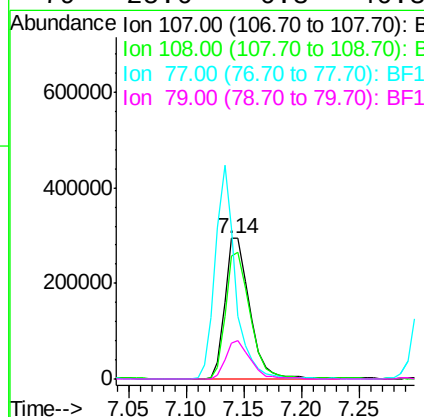
Manual Integrations
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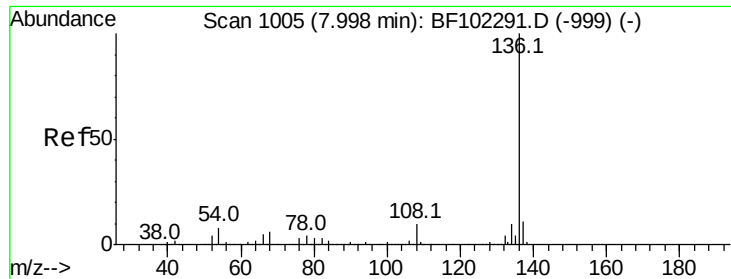
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#20
3+4-Methylphenols
Concen: 47.868 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	107.8	26.7	66.7#
79	25.6	6.3	46.3





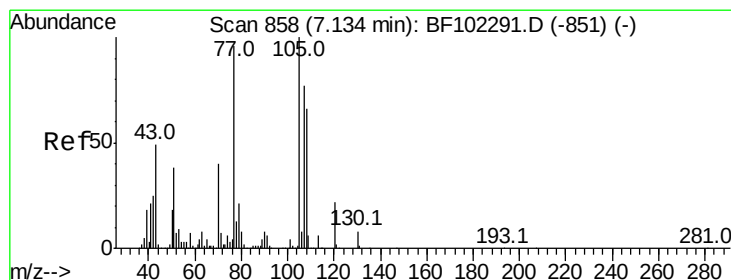
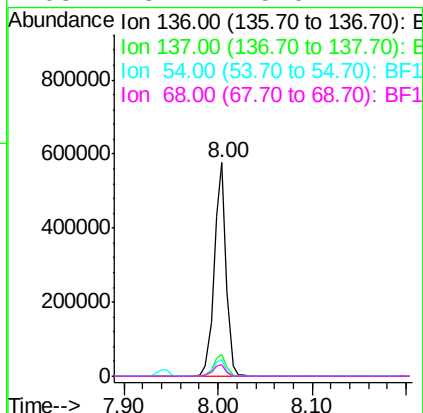
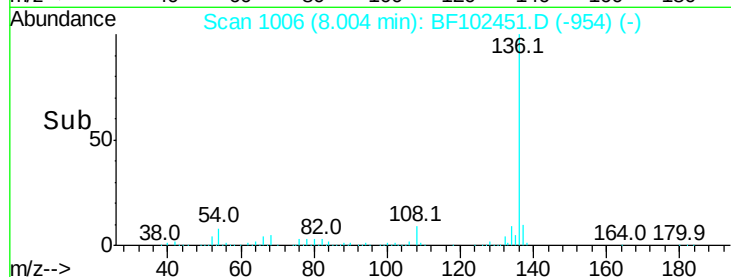
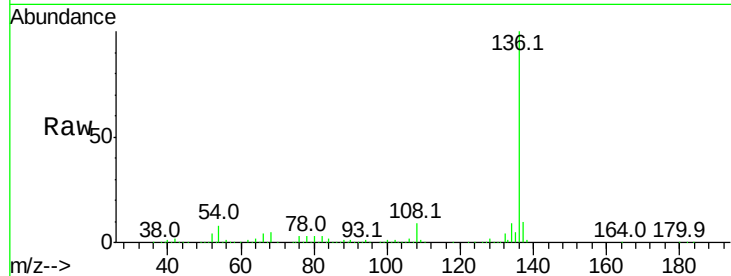
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.9	13.3	
54	7.9	6.6	9.8	
68	5.1	5.0	7.4	

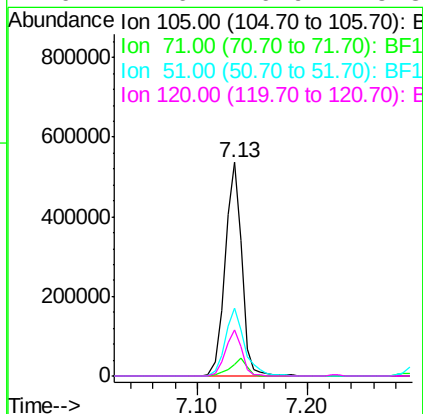
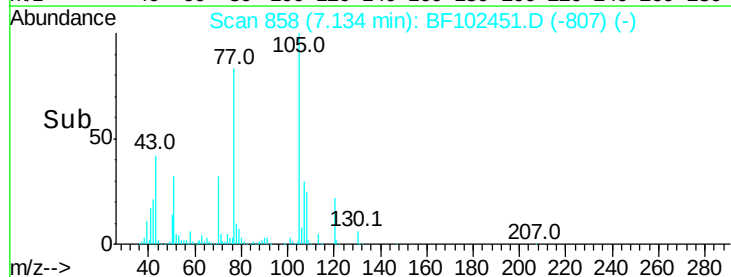
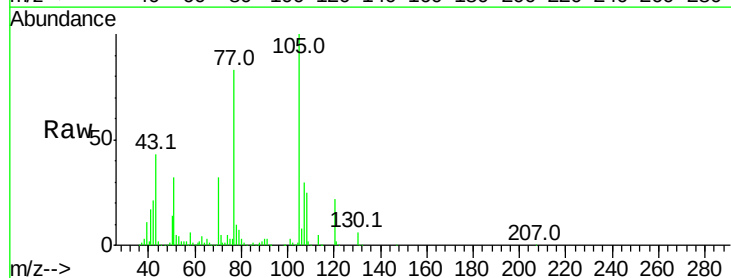
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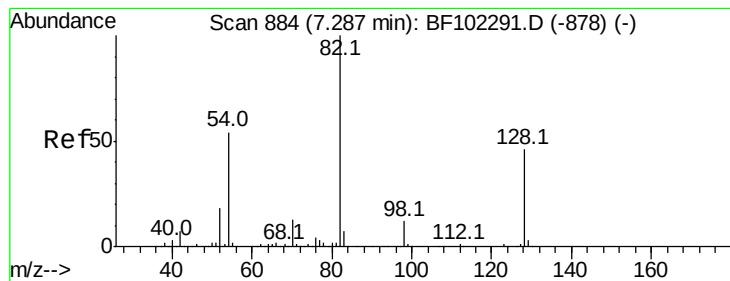
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#22
Acetophenone
Concen: 46.024 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	4.4	6.6	
51	31.8	22.3	33.5	
120	21.6	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 90.604 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

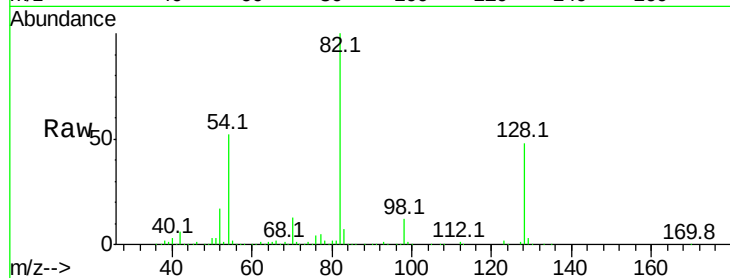
ClientSampleId :

SB-08-9.5-10.0MSD

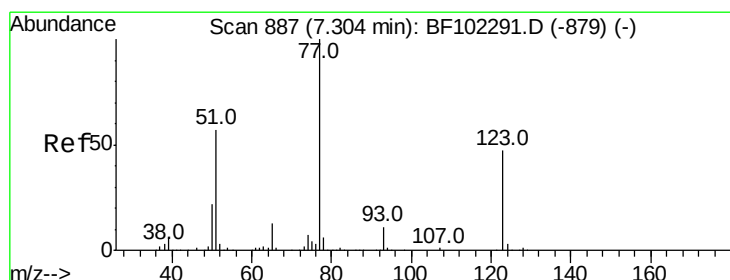
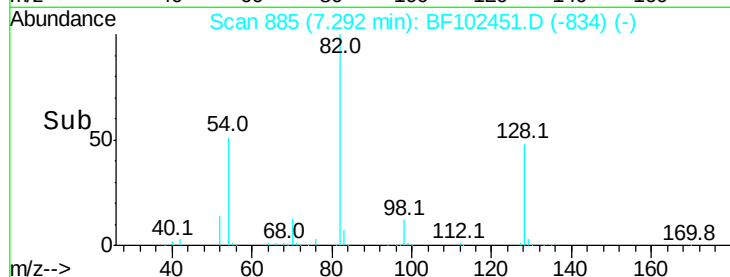
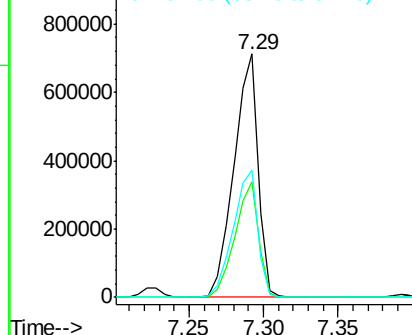
Tot Ion:	82	Resp:	810821
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.1	54.1
54	52.0	41.4	62.2

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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: 46.176 ng

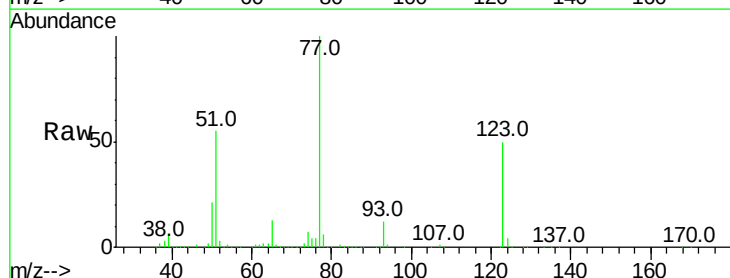
RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

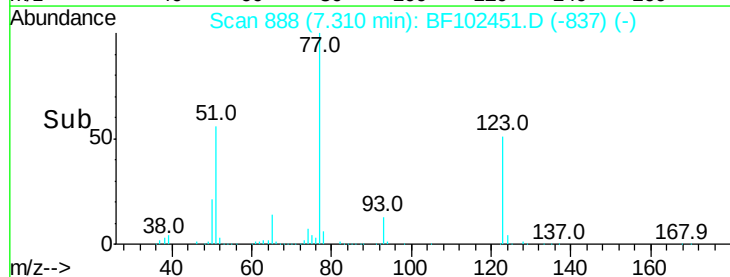
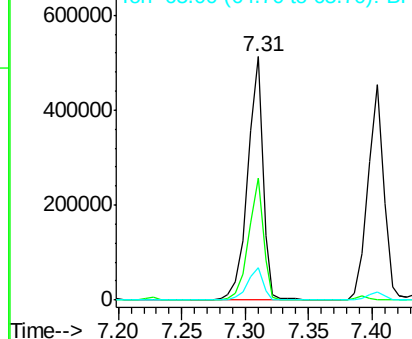
Lab File: BF102451.D

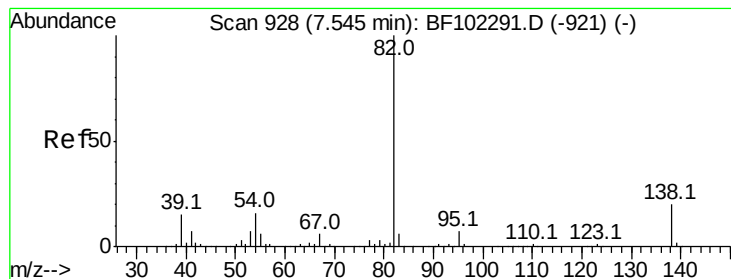
Acq: 26 Jan 2018 3:45

Tgt Ion:	77	Resp:	422892
Ion Ratio	Lower	Upper	
77	100		
123	50.3	37.9	56.9
65	13.5	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: 47.439 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

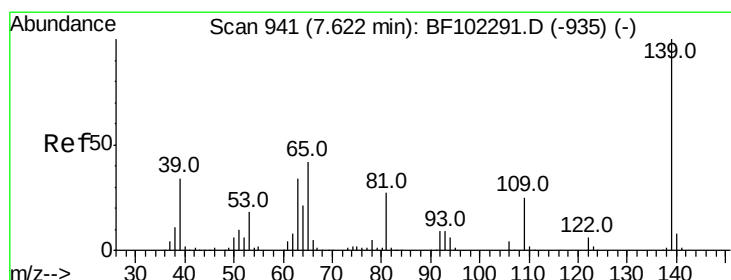
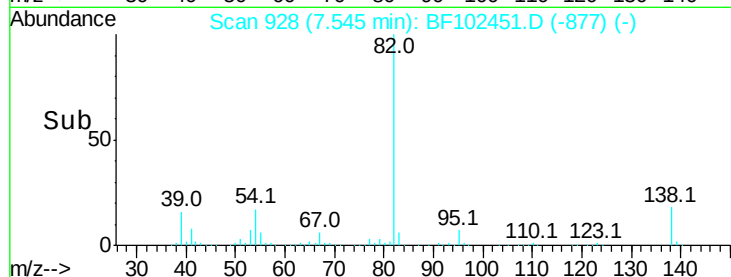
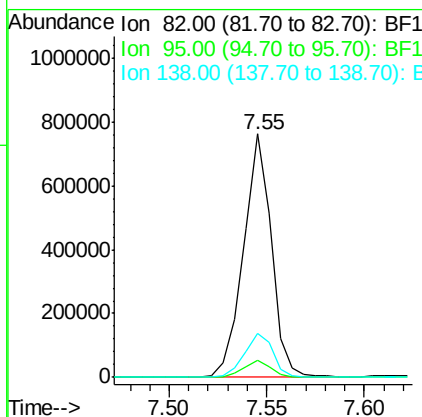
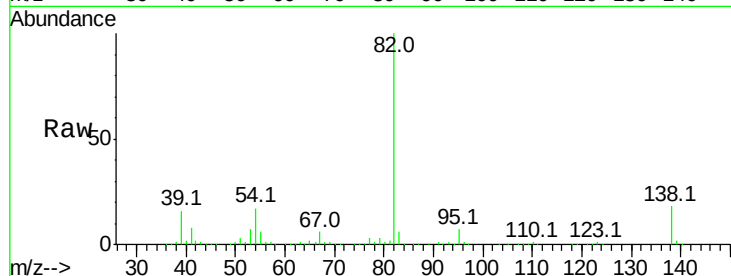
ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion	82	Resp	756835
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 37.014 ng

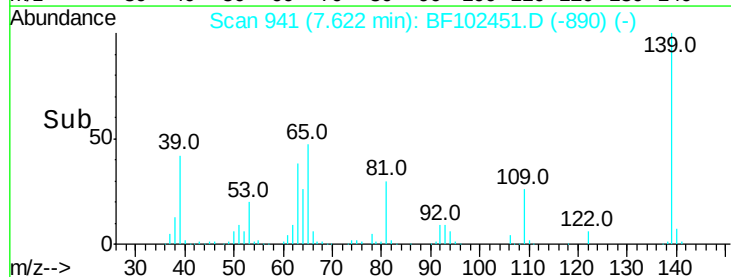
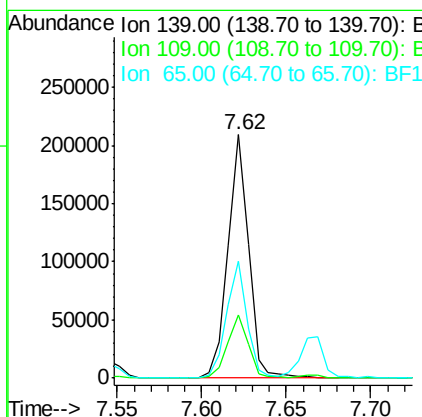
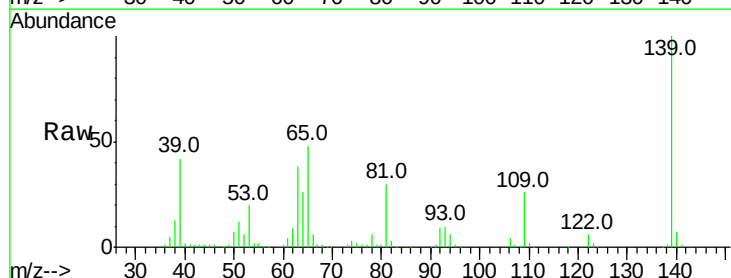
RT: 7.62 min Scan# 941

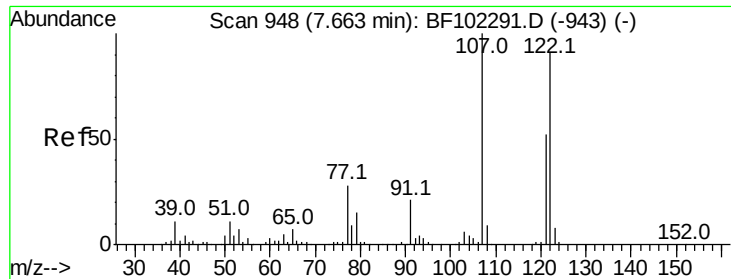
Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion	139	Resp	178411
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.7	34.1
65	48.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 52.130 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

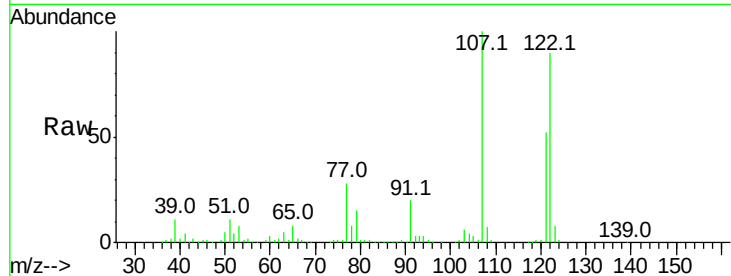
ClientSampleId :

SB-08-9.5-10.0MSD

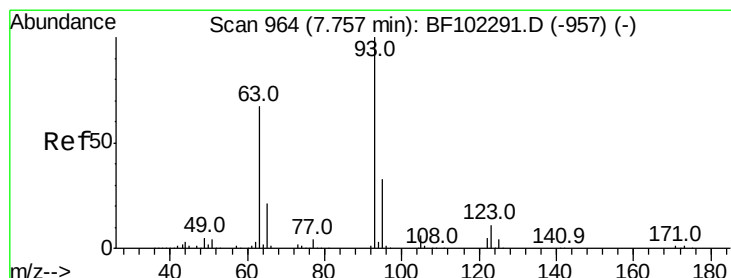
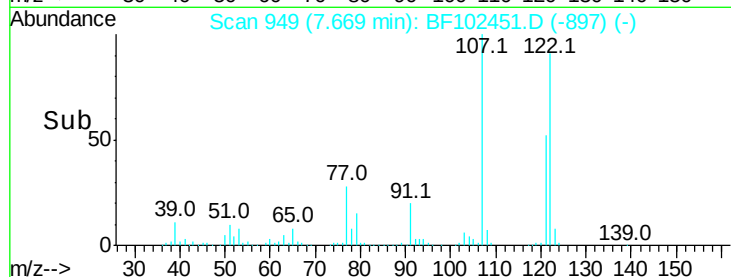
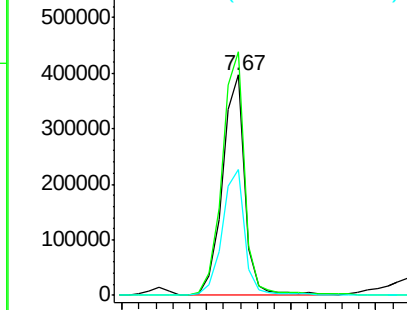
Tot Ion:	122	Resp:	364857
Ion Ratio	Lower	Upper	
122	100		
107	110.6	91.2	136.8
121	57.1	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.013 ng

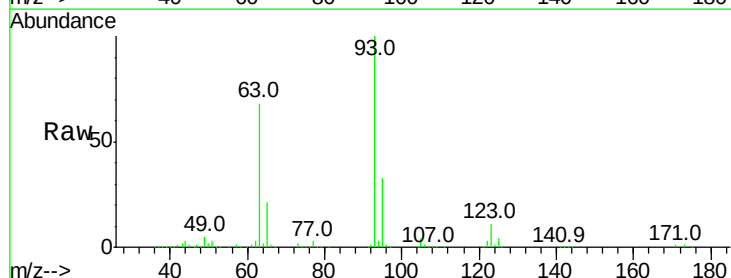
RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

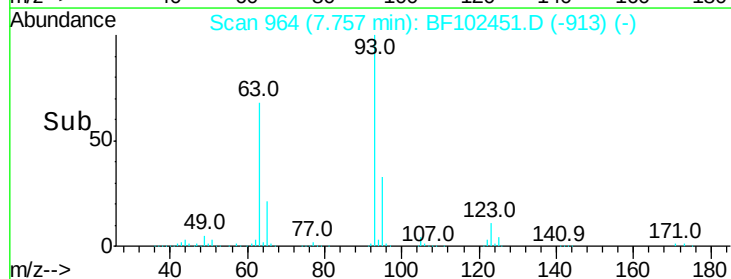
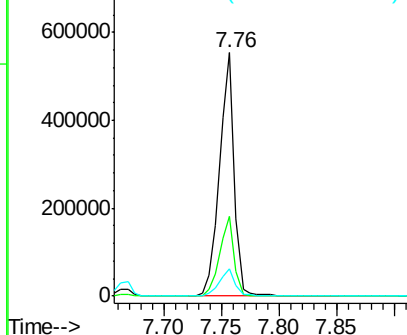
Lab File: BF102451.D

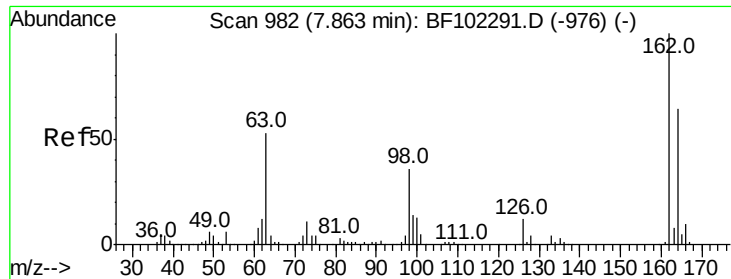
Acq: 26 Jan 2018 3:45

Tgt Ion:	93	Resp:	492891
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.1	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





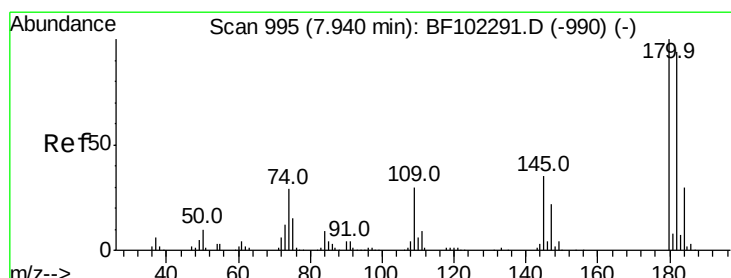
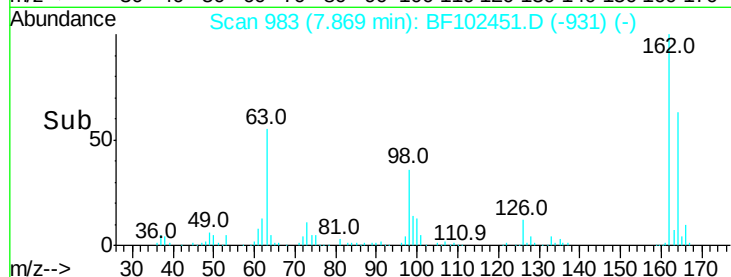
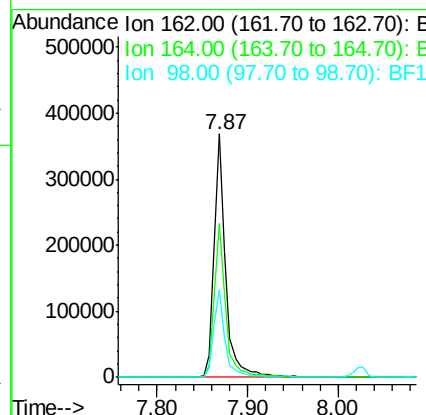
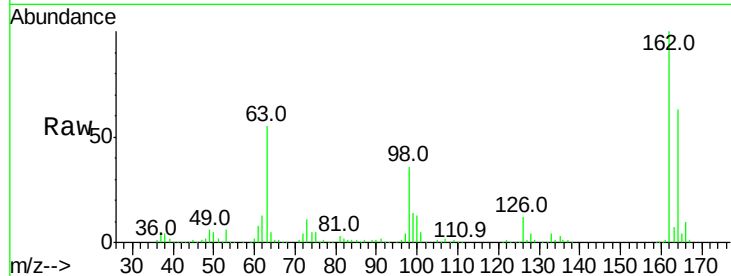
#29
 2,4-Dichlorophenol
 Concen: 47.394 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	42.7	82.7
98	35.8	18.1	58.1

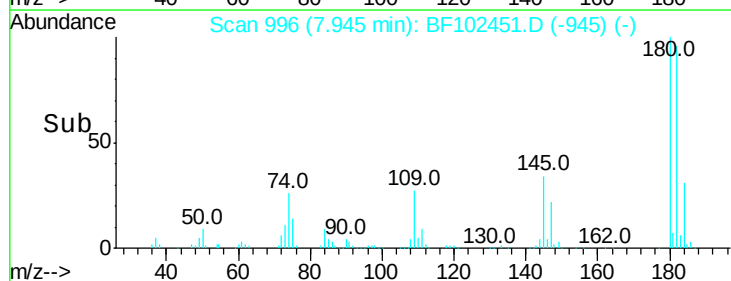
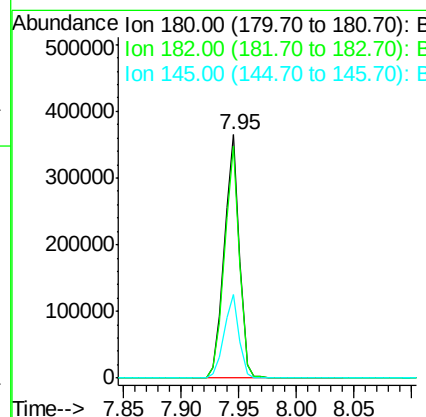
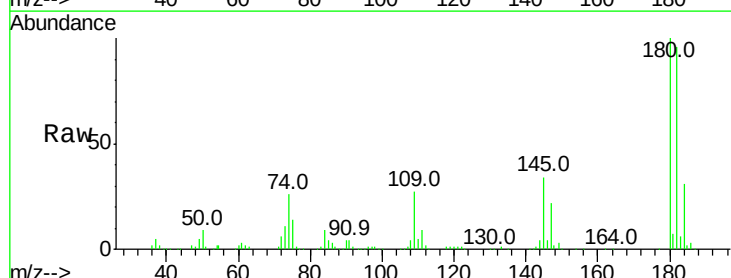
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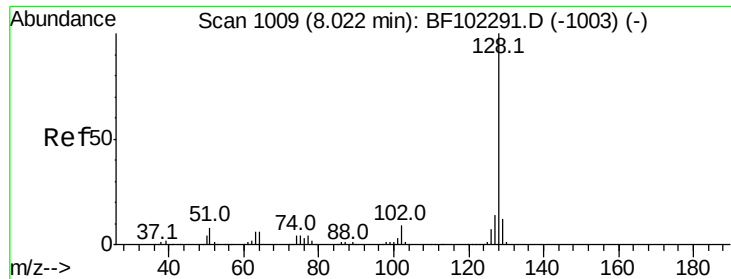
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.404 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	76.8	115.2
145	34.1	26.5	39.7





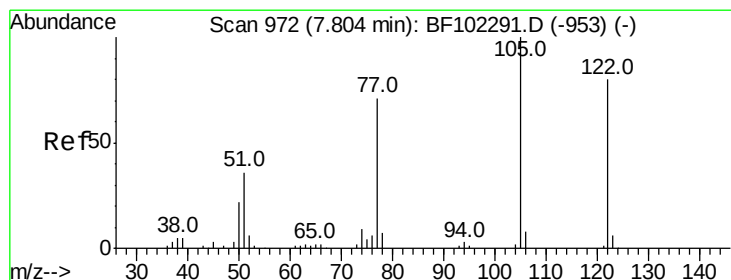
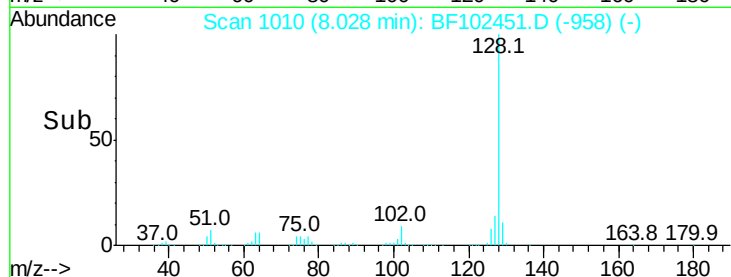
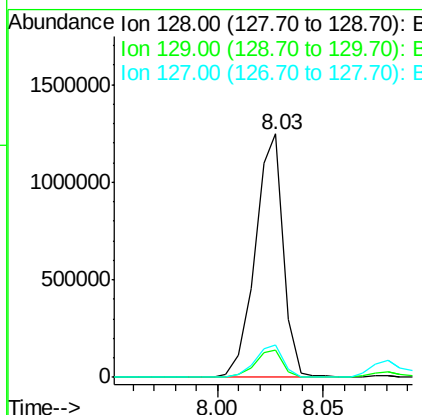
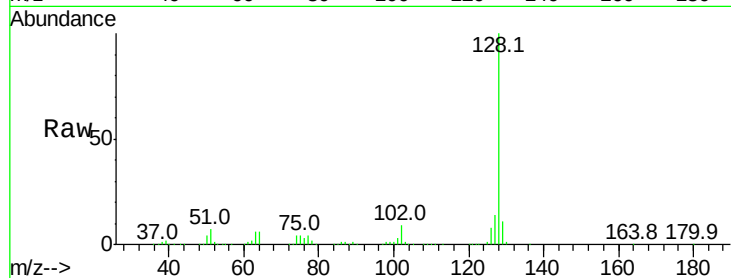
#31
Naphthalene
Concen: 44.827 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion:128 Resp: 1151013
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3

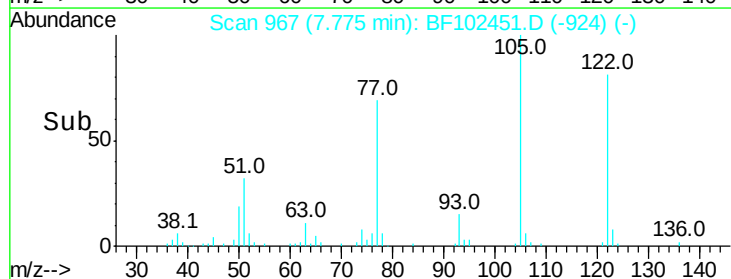
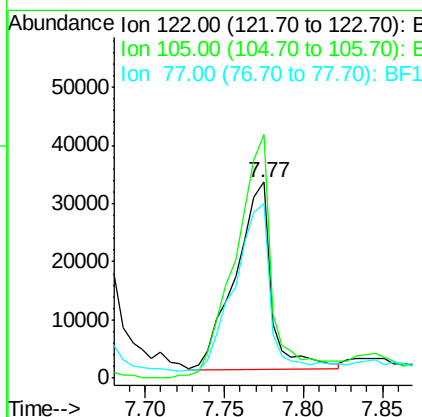
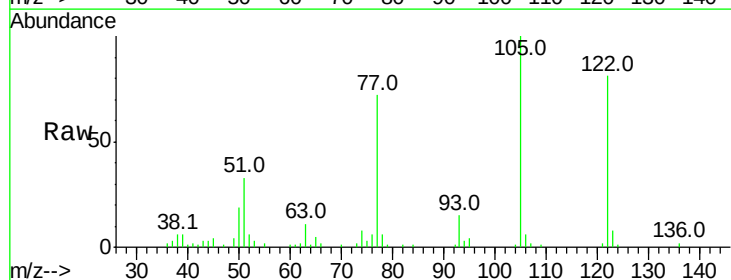
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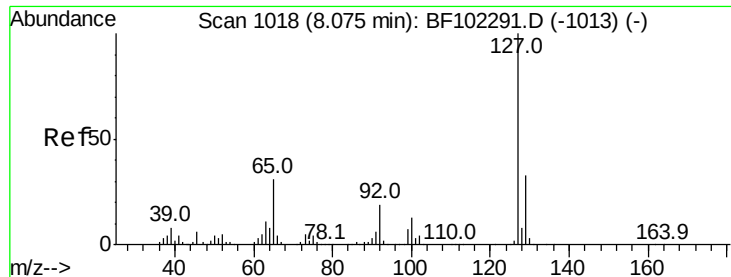
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#32
Benzoic acid
Concen: 8.639 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:122 Resp: 50660
Ion Ratio Lower Upper
122 100
105 124.1 101.1 141.1
77 89.0 70.7 110.7





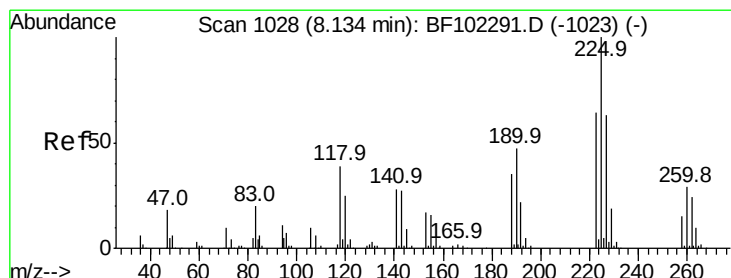
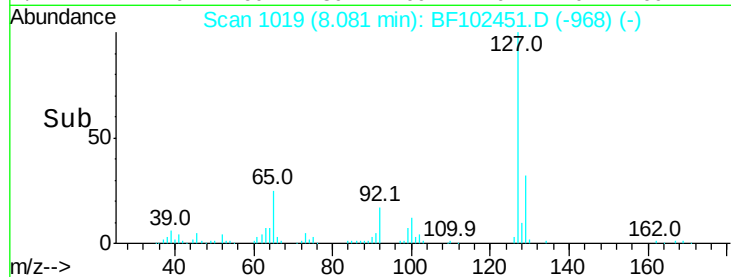
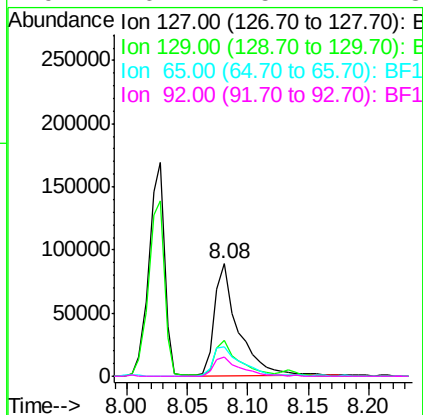
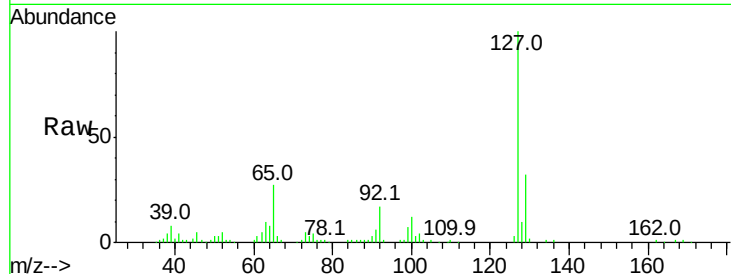
#33
4-Chloroaniline
Concen: 11.092 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.9	38.9		
65	26.6	25.0	37.4		
92	16.7	15.2	22.8		

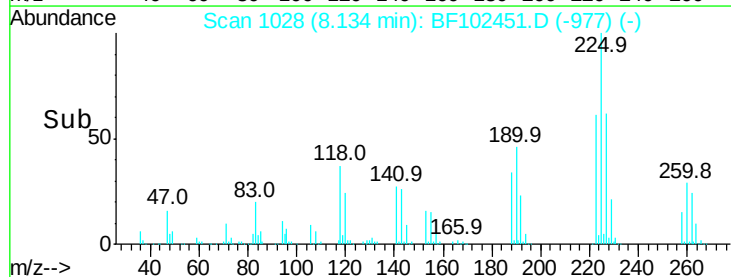
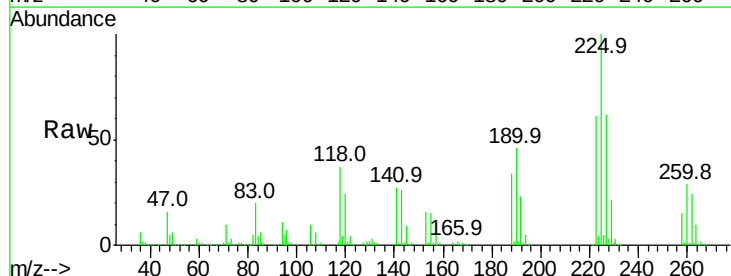
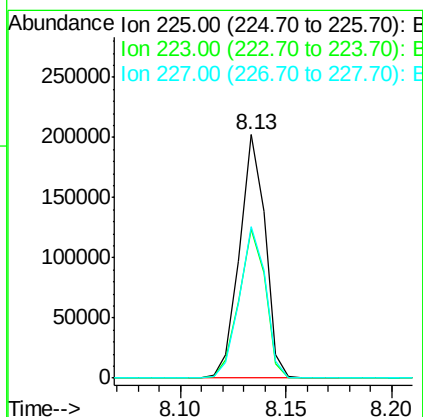
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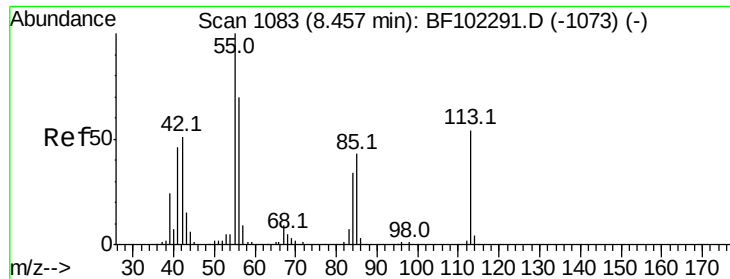
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#34
Hexachlorobutadiene
Concen: 41.718 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.6	76.0		
227	62.2	51.9	77.9		





#35

Caprolactam

Concen: 47.560 ng/mL

RT: 8.46 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

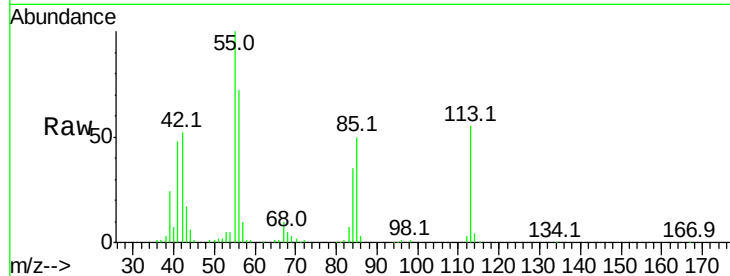
ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion:	113	Resp:	111984
Ion Ratio	Lower	Upper	
113	100		
55	181.1	163.3	203.3
56	130.9	115.7	155.7

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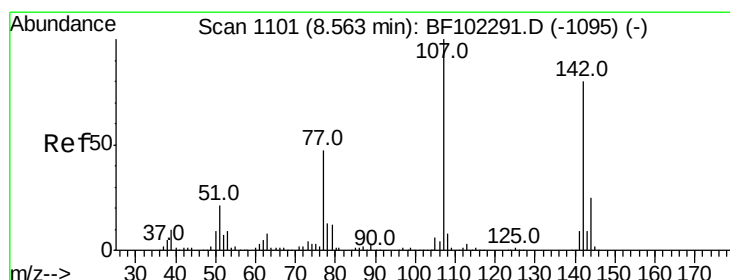
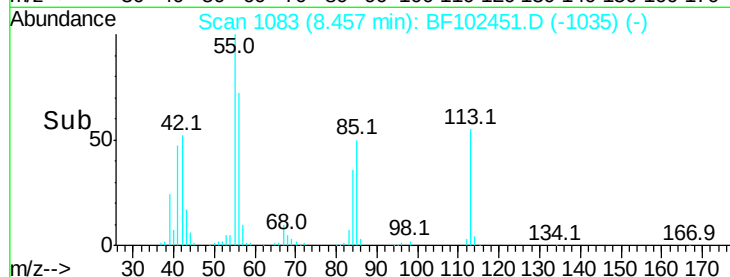
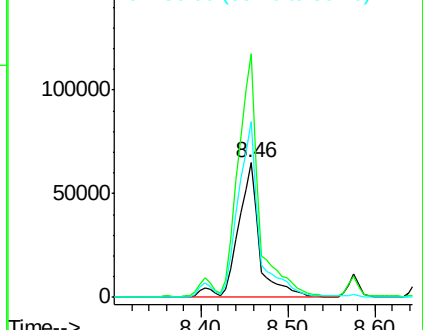
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.661 ng/mL

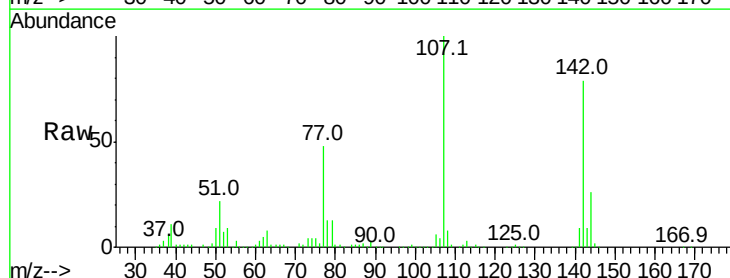
RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

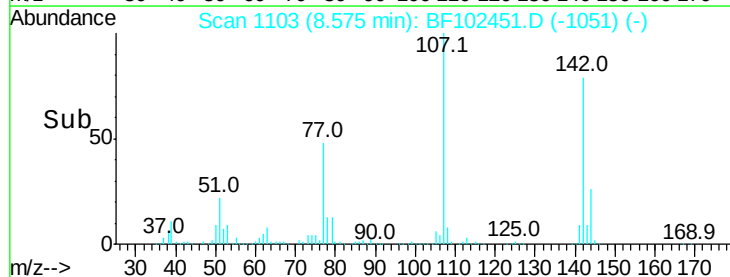
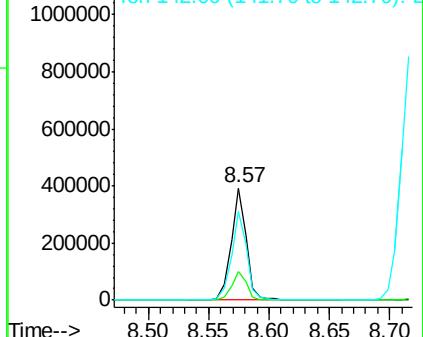
Tgt Ion:	107	Resp:	343134
Ion Ratio	Lower	Upper	
107	100		
144	25.7	20.5	30.7
142	78.9	62.0	93.0

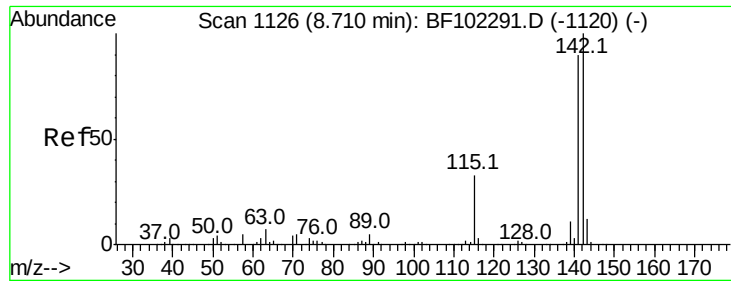


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





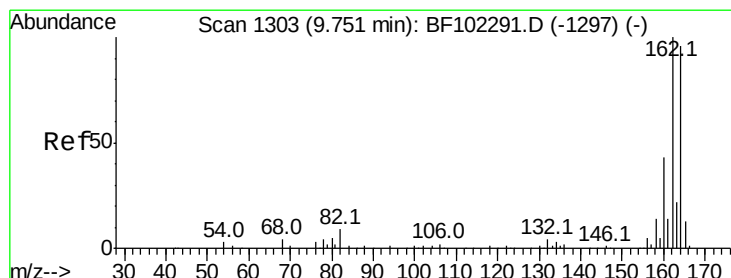
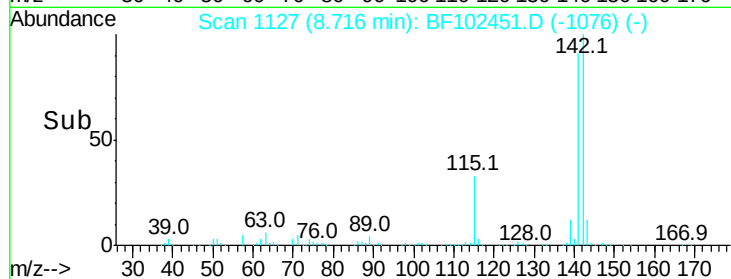
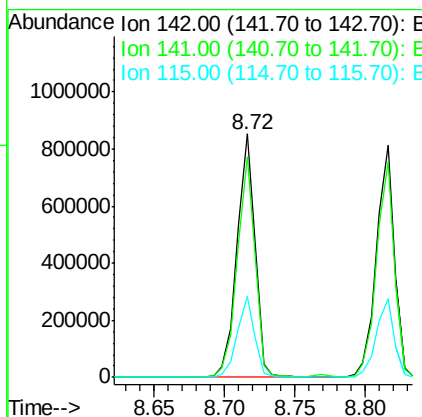
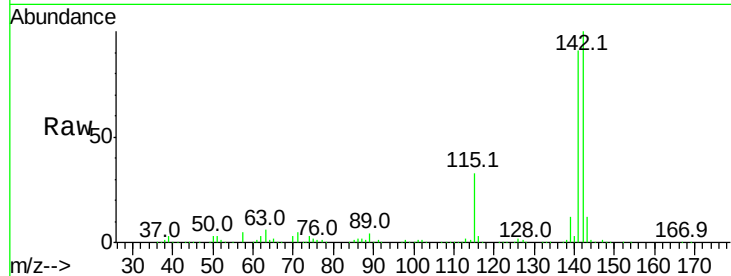
#37
2-Methylnaphthalene
Concen: 44.290 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	33.1	26.1	39.1

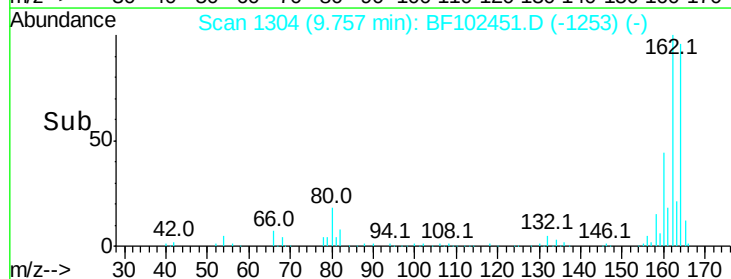
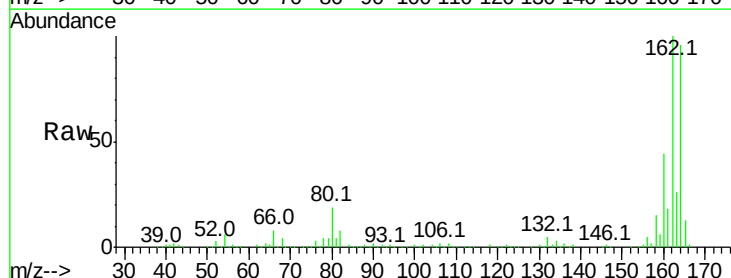
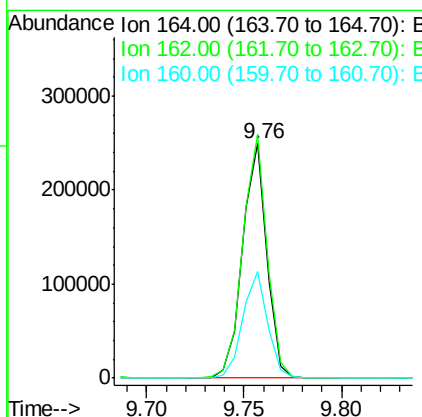
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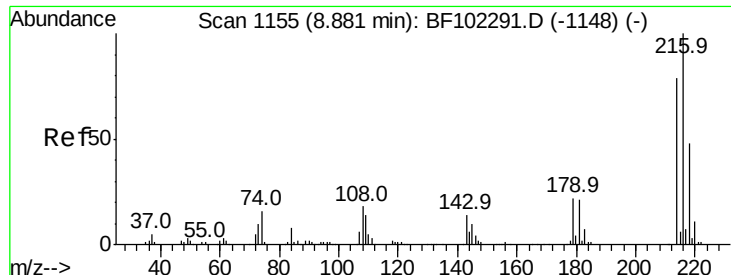
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.6	38.3	57.5





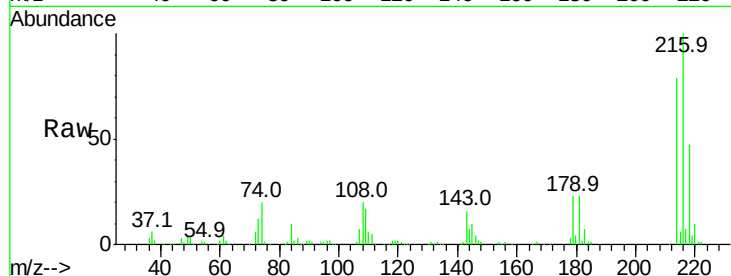
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.846 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

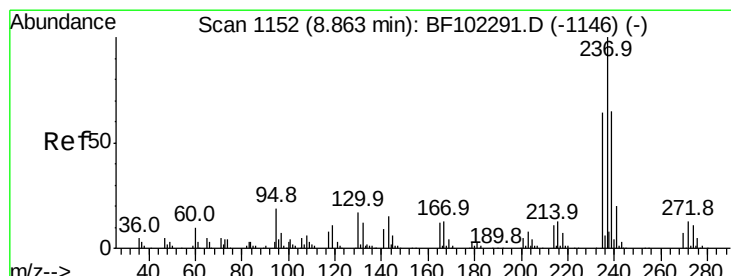
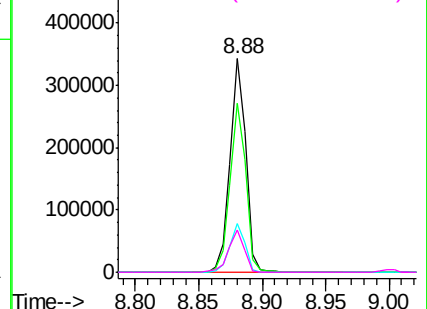
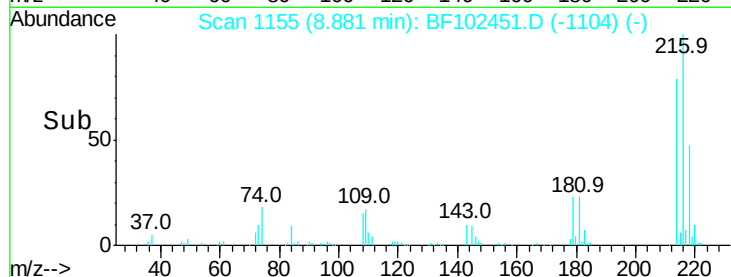
Tot Ion	Ratio	Resp	Lower	Upper
216	100	295672		
214	79.5	63.0	94.4	
179	22.4	18.1	27.1	
108	19.8	17.2	25.8	

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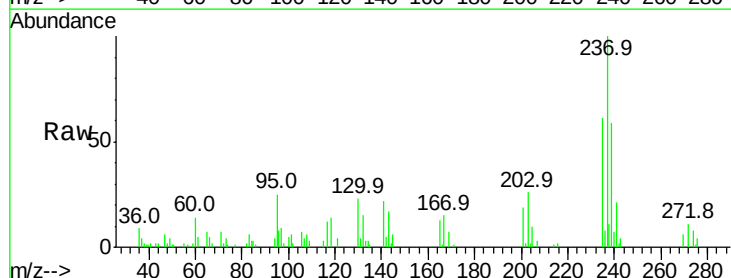


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

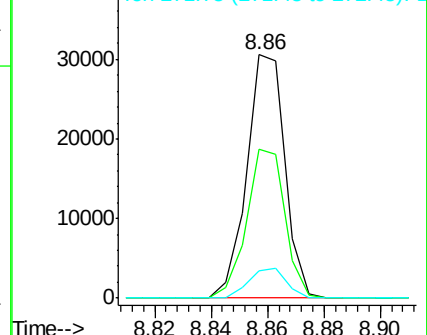
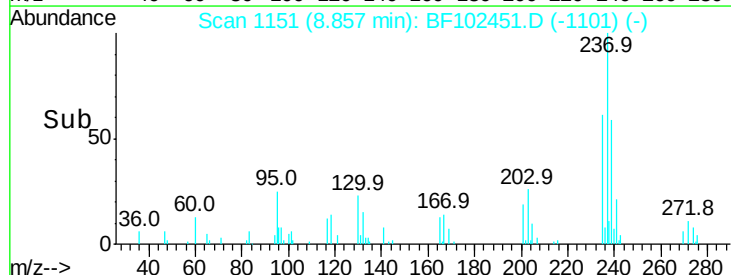


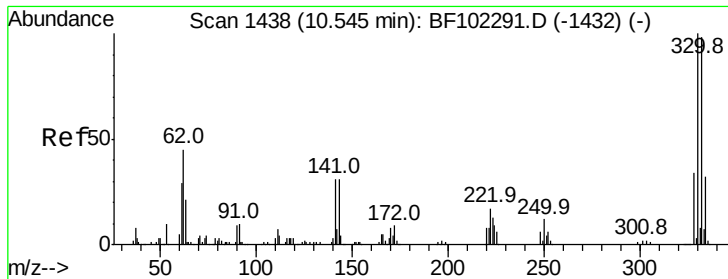
#40
 Hexachlorocyclopentadiene
 Concen: 9.918 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	28624		
235	61.3	44.8	84.8	
272	11.4	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





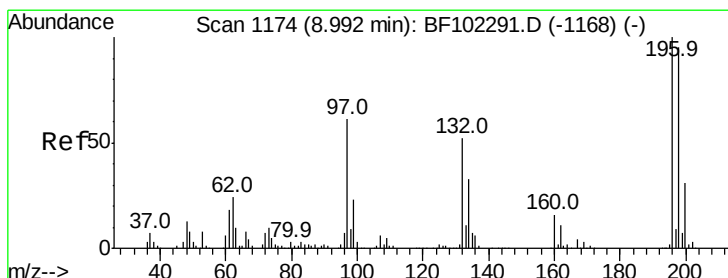
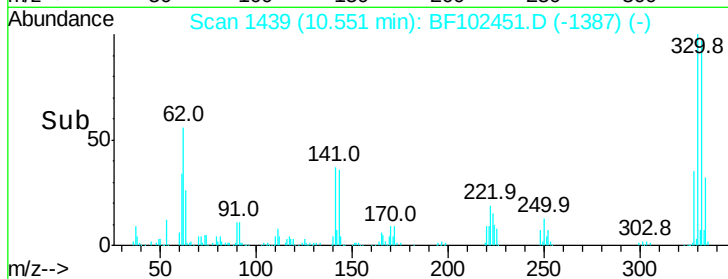
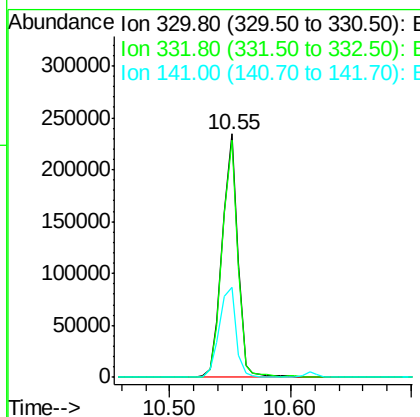
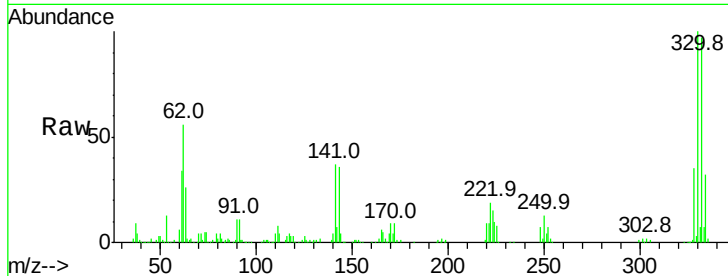
#41
 2,4,6-Tribromophenol
 Concen: 99.246 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	210799		
332	96.7	77.0	115.6	
141	39.8	29.9	44.9	

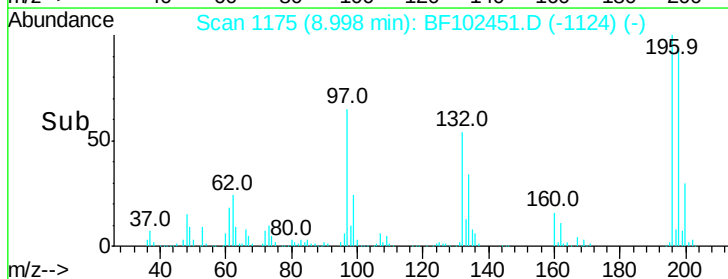
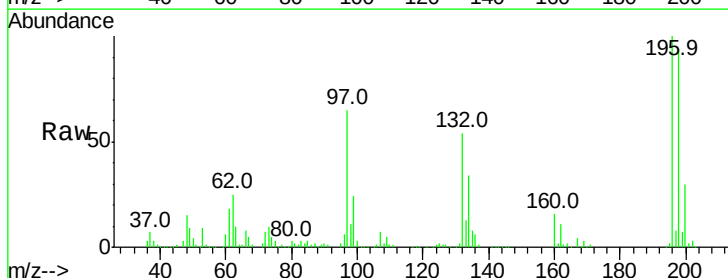
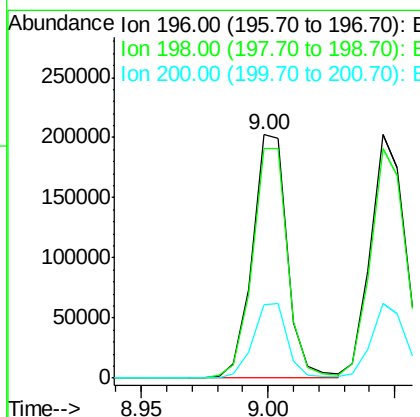
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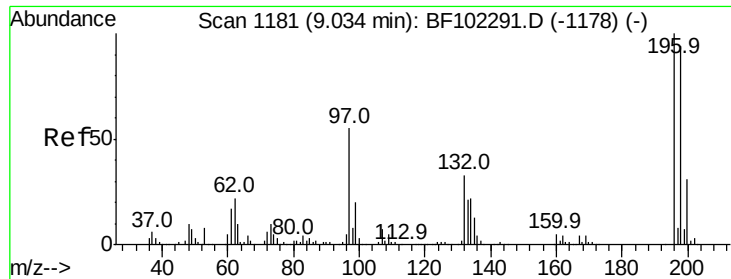
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#42
 2,4,6-Trichlorophenol
 Concen: 45.286 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195513		
198	94.2	75.7	113.5	
200	29.9	24.5	36.7	





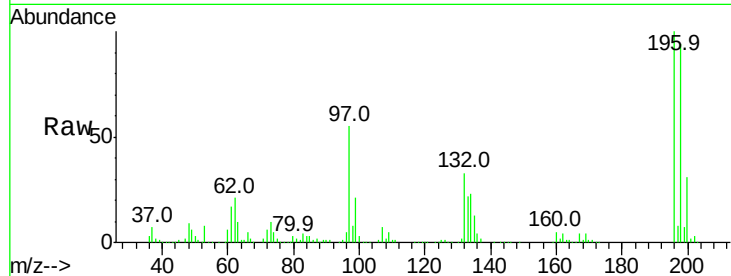
#43
2,4,5-Trichlorophenol
Concen: 42.500 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206590		
198	94.2		74.6	112.0
97	55.1		42.9	64.3
132	33.5		26.3	39.5

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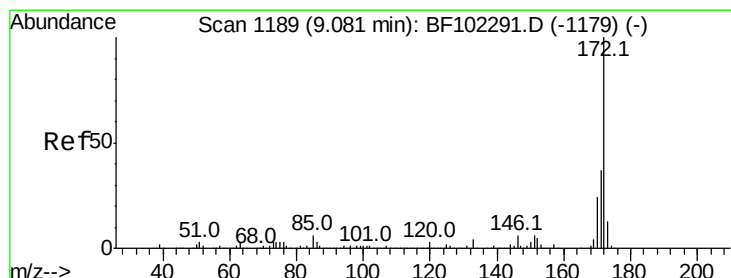
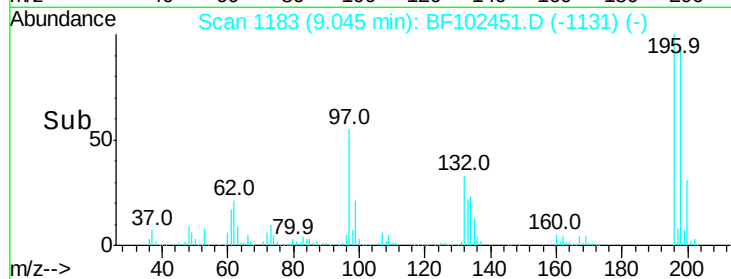
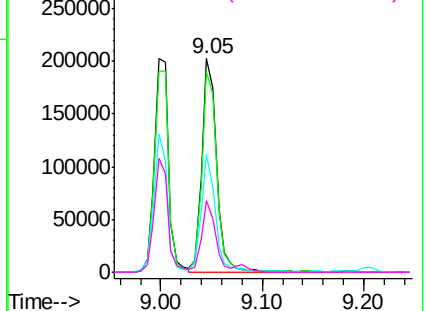
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 91.050 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

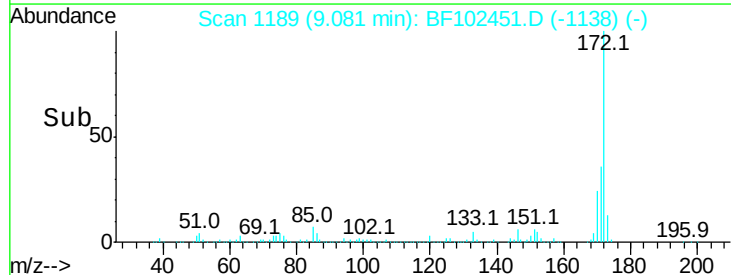
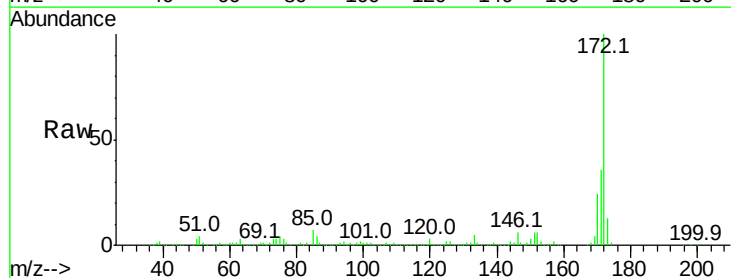
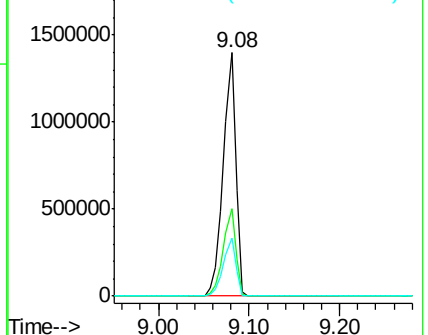
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1327405		
171	36.1		29.7	44.5
170	24.1		19.6	29.4

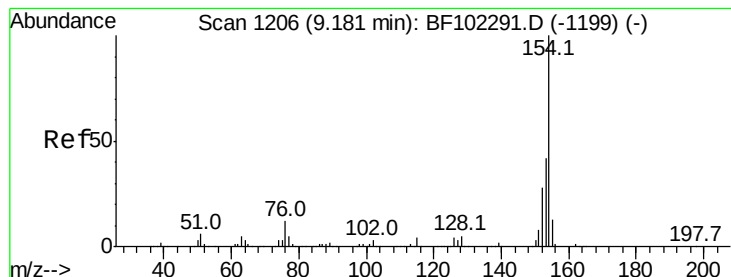
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.950 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

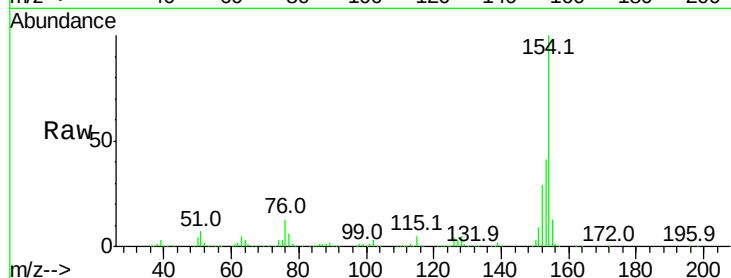
ClientSampleId :

SB-08-9.5-10.0MSD

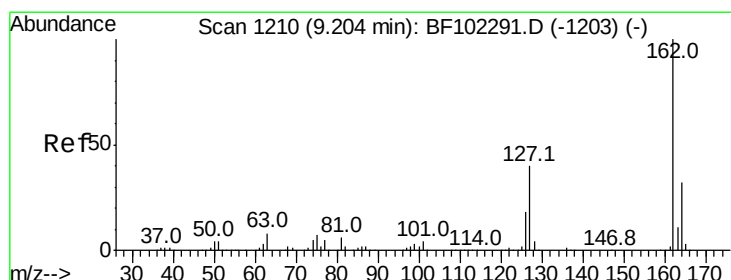
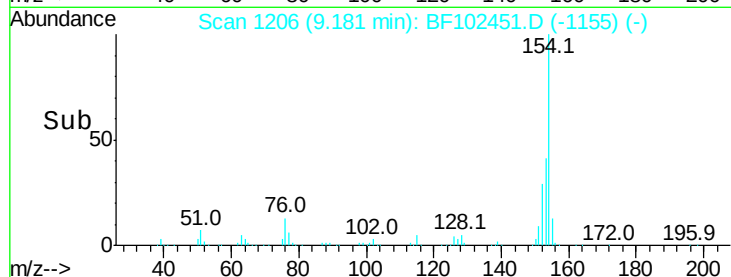
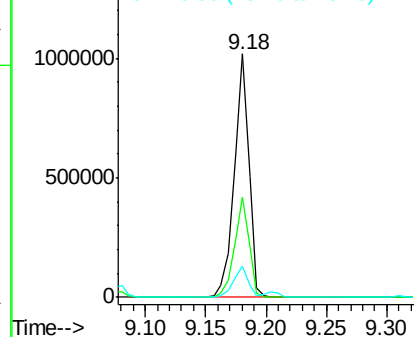
Tot Ion:	154	Resp:	861571
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	12.8	0.0	34.0

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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: 44.498 ng

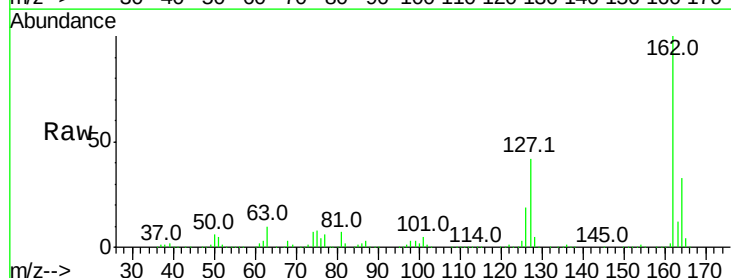
RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

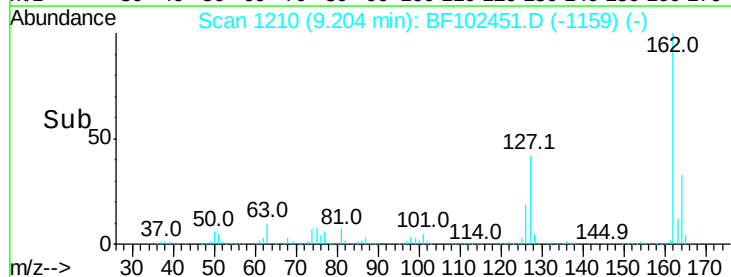
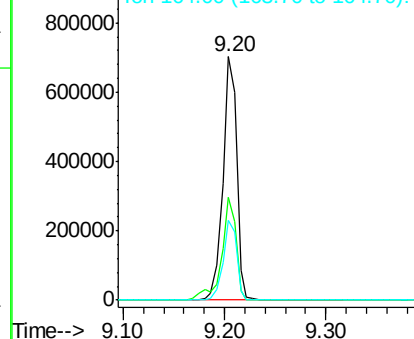
Lab File: BF102451.D

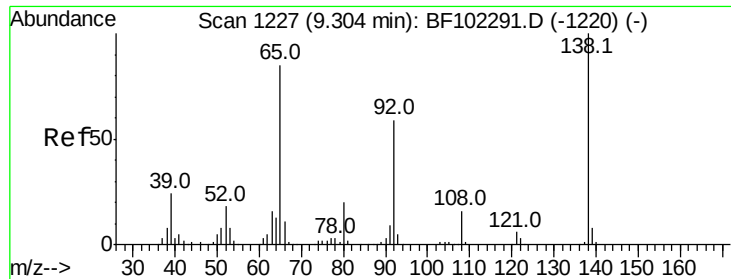
Acq: 26 Jan 2018 3:45

Tgt Ion:	162	Resp:	662961
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	33.0	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





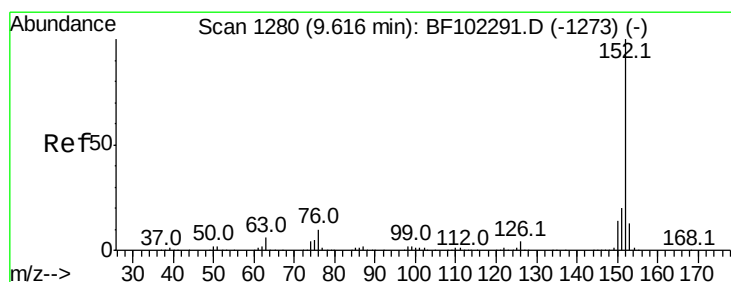
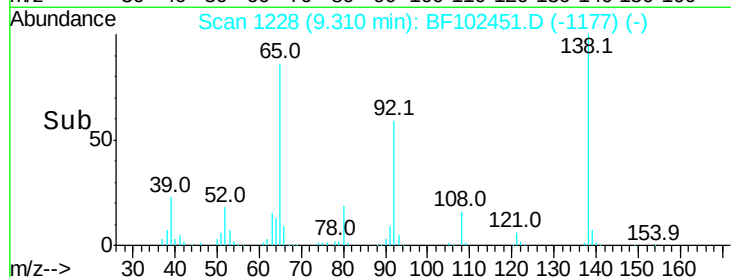
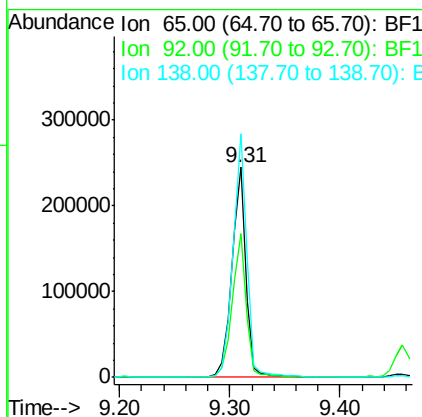
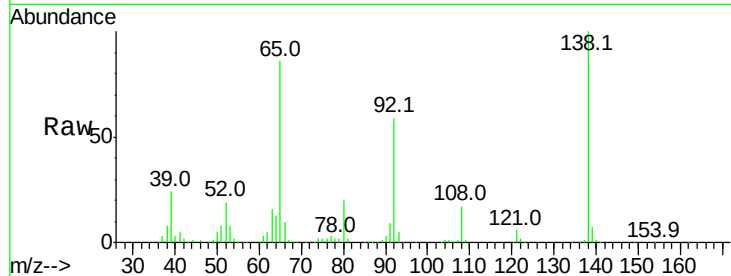
#47
2-Nitroaniline
Concen: 47.741 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.5	55.8	83.6
138	115.9	91.2	136.8

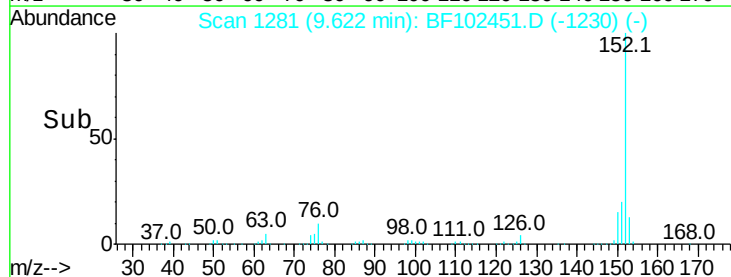
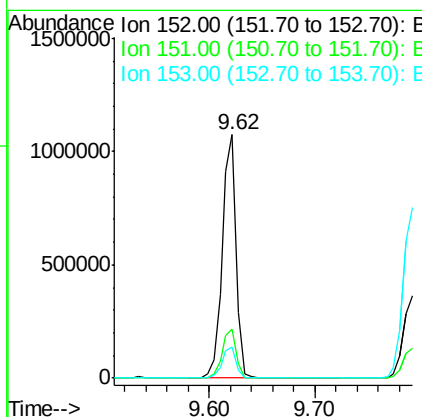
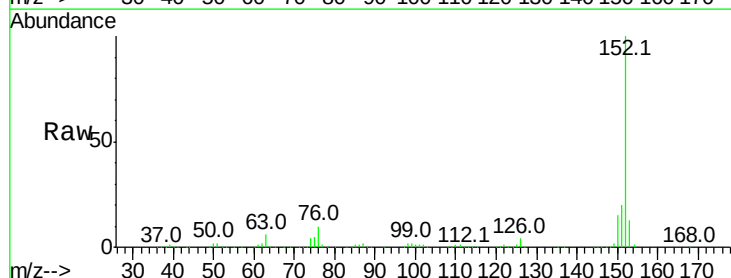
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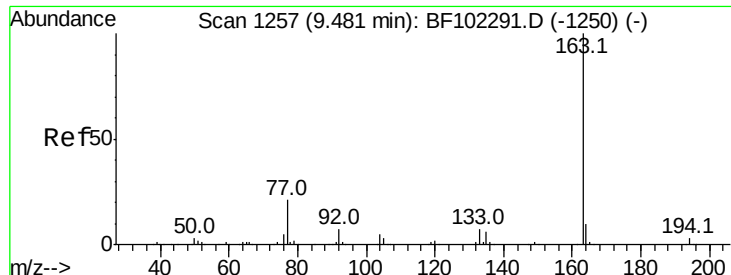
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#48
Acenaphthylene
Concen: 42.415 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.7	16.1





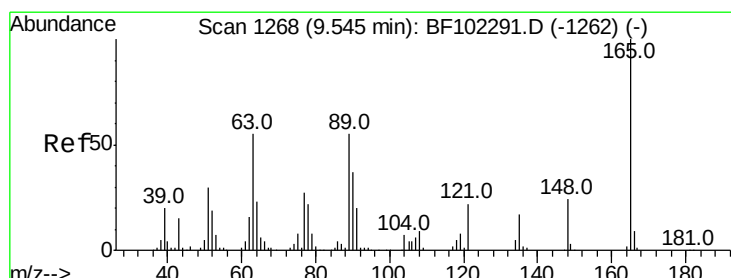
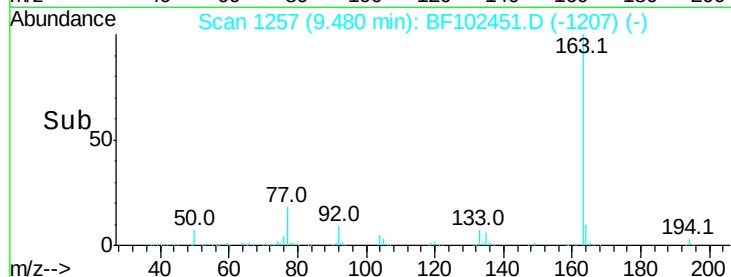
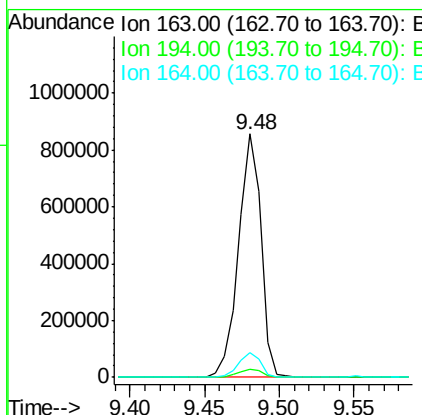
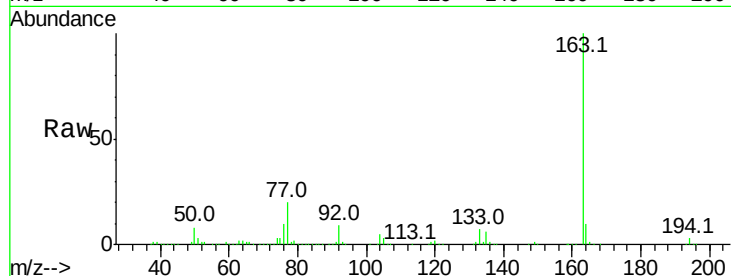
#49
Dimethylphthalate
Concen: 50.836 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.2	8.2	12.2	

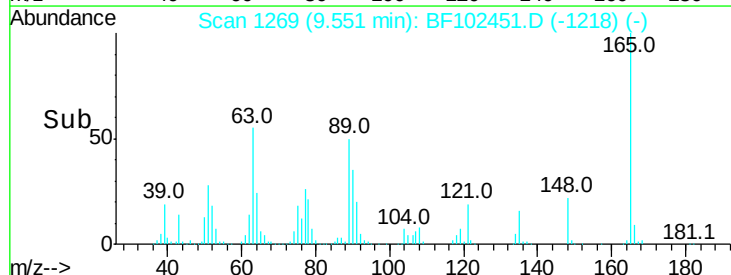
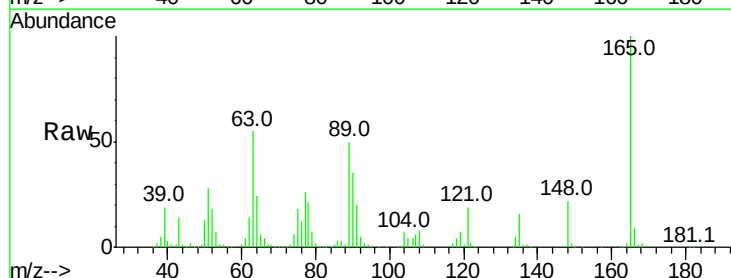
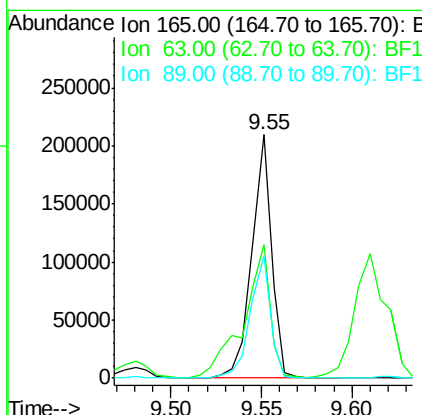
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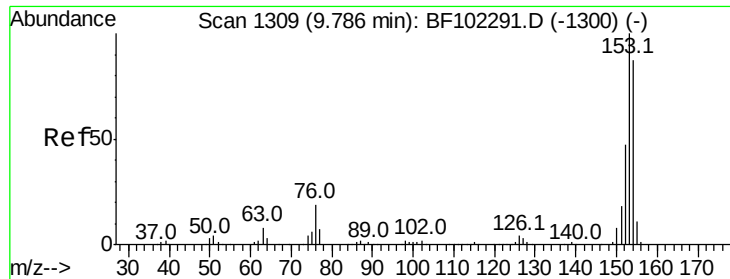
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#50
2,6-Dinitrotoluene
Concen: 41.547 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.8	44.7	67.1	
89	50.0	44.0	66.0	





#51

Acenaphthene

Concen: 42.442 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

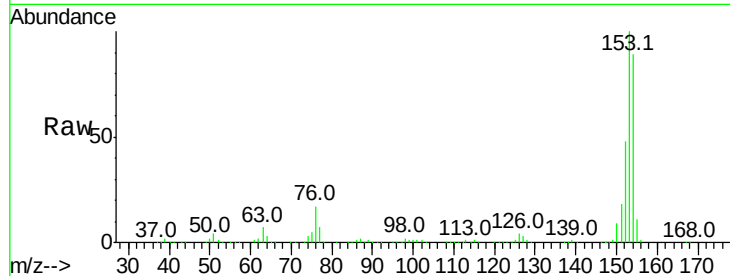
ClientSampleId :

SB-08-9.5-10.0MSD

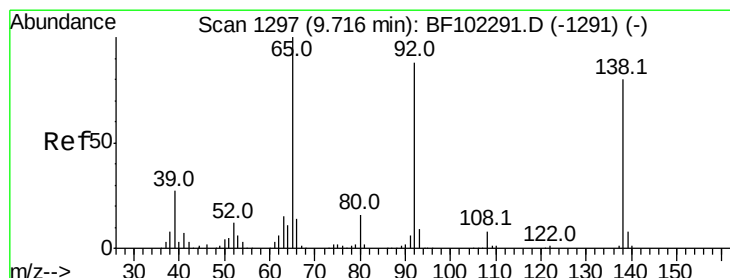
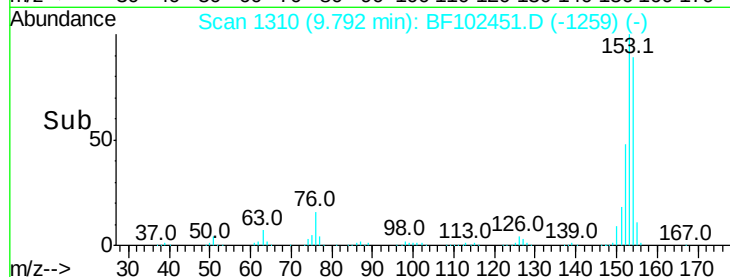
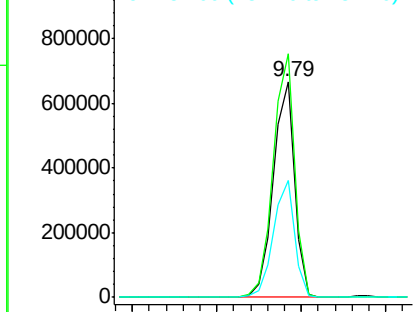
Tot Ion:	154	Resp:	575337
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	54.3	43.8	65.8

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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: 32.067 ng

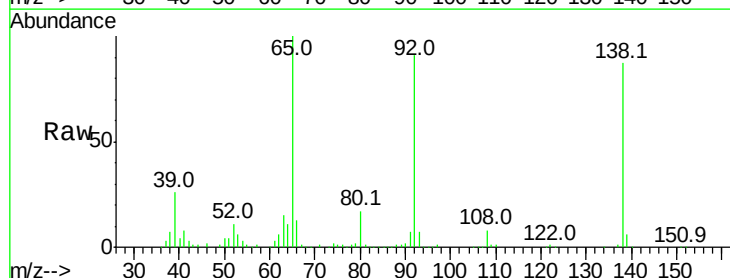
RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

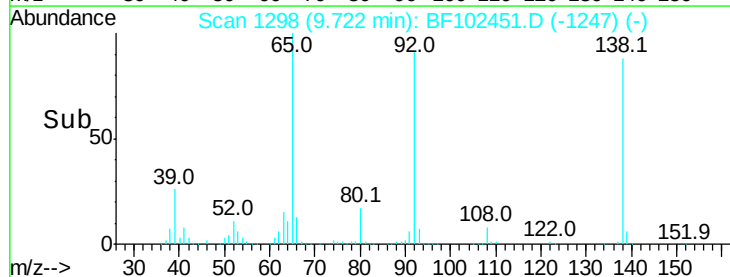
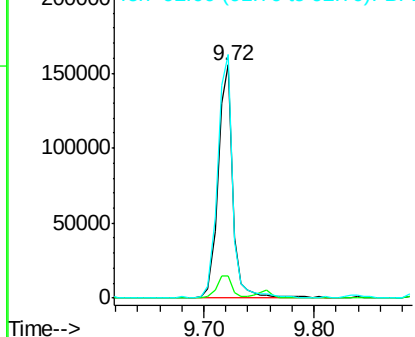
Lab File: BF102451.D

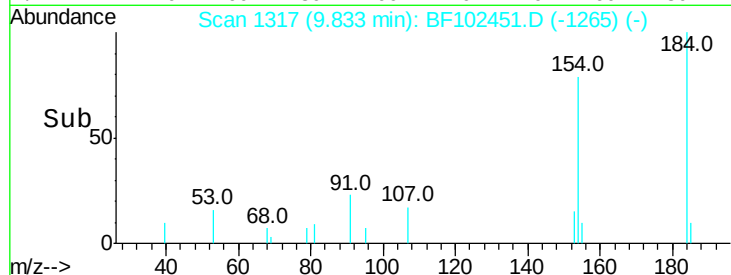
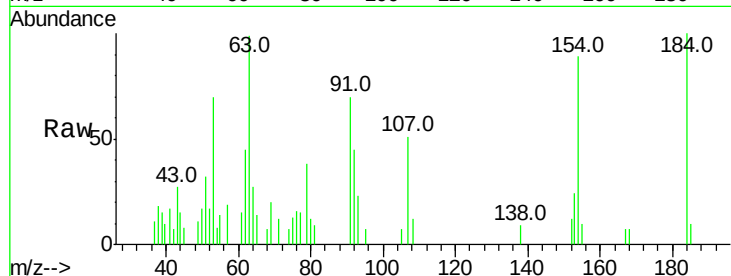
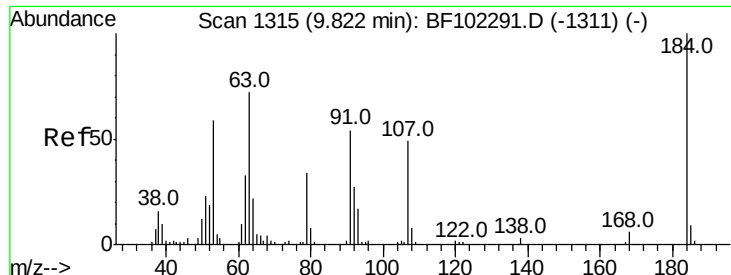
Acq: 26 Jan 2018 3:45

Tgt Ion:	138	Resp:	144912
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.4	14.0
92	104.4	89.4	134.2



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





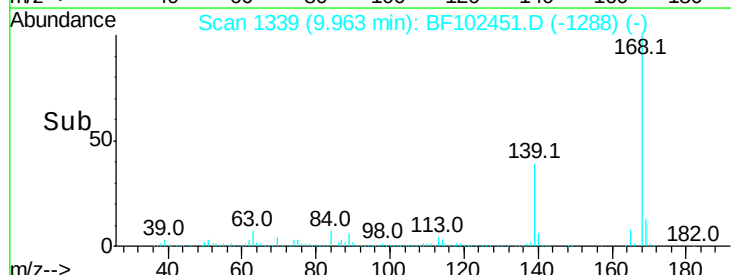
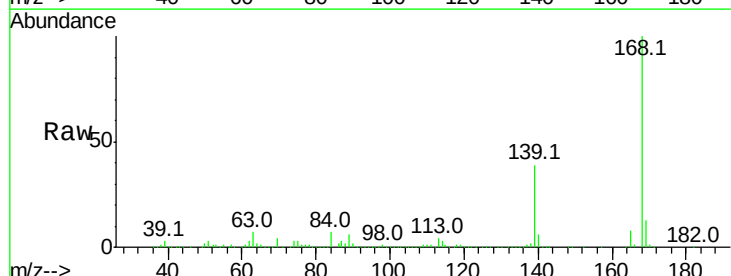
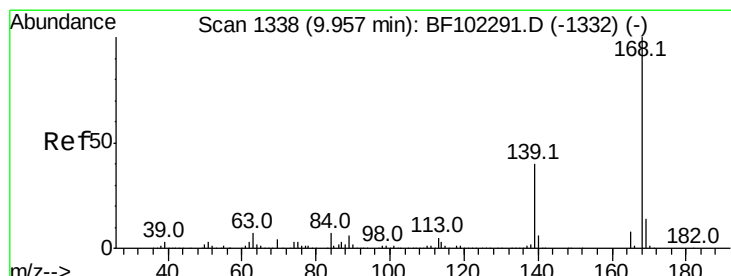
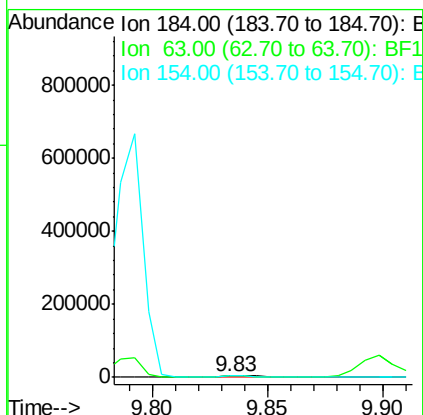
#53
2,4-Dinitrophenol
Concen: 7.383 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tot Ion:184 Resp: 6627
Ion Ratio Lower Upper
184 100
63 99.3 54.2 81.2#
154 89.1 184.0 276.0#

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

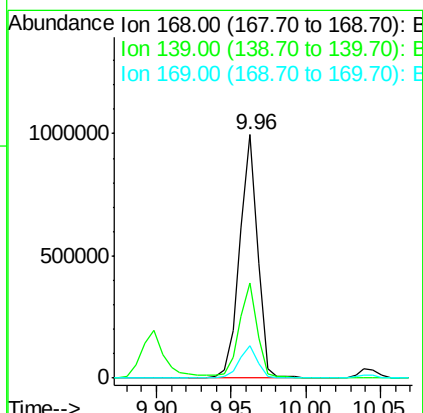
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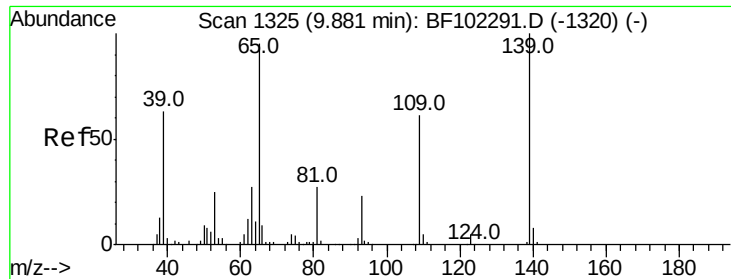
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#54
Dibenzofuran
Concen: 45.690 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:168 Resp: 838237
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 72.660 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

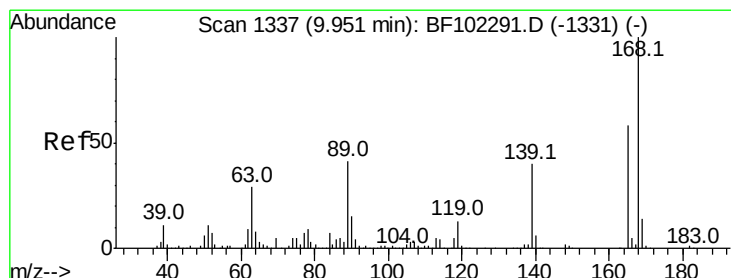
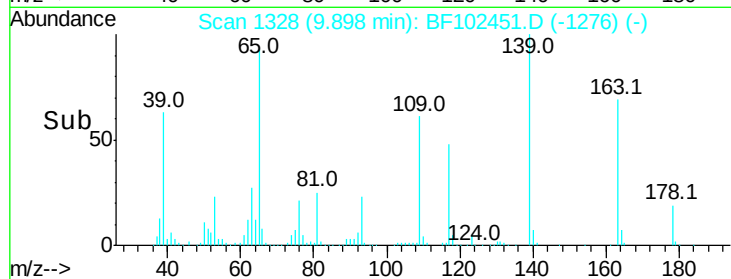
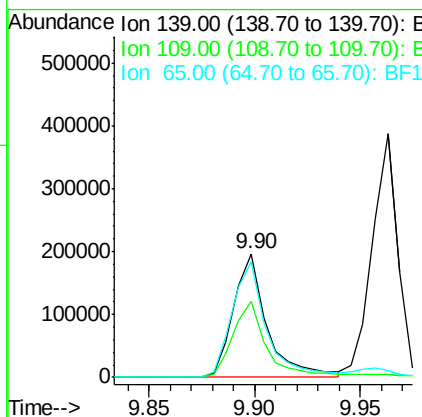
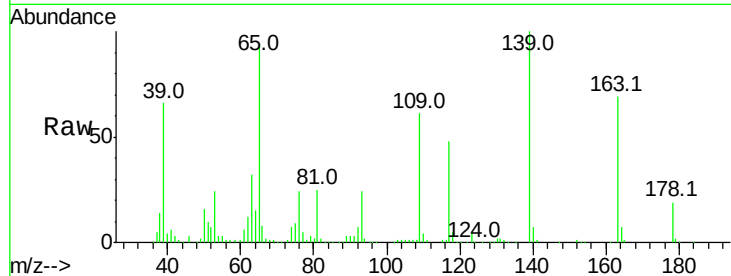
ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion:	139	Resp:	216747
Ion Ratio	Lower	Upper	
139	100		
109	61.1	48.4	88.4
65	93.4	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 37.498 ng

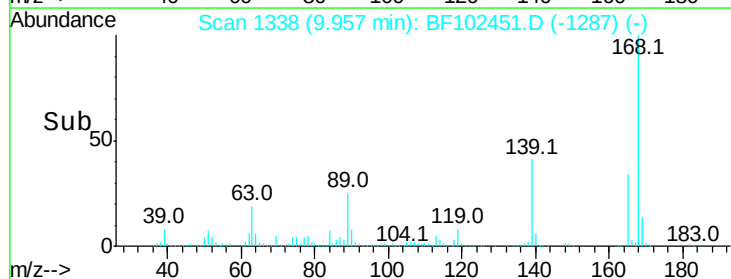
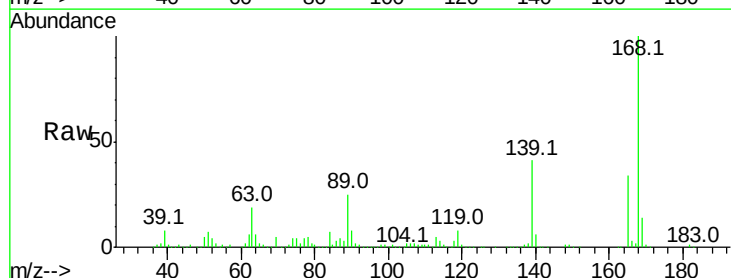
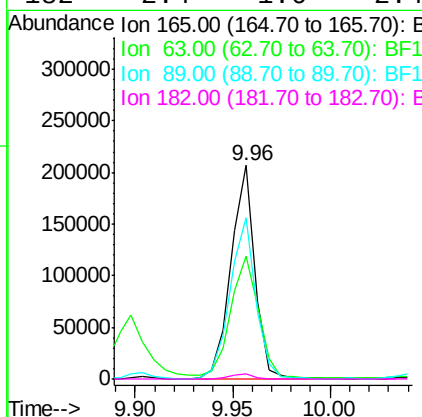
RT: 9.96 min Scan# 1338

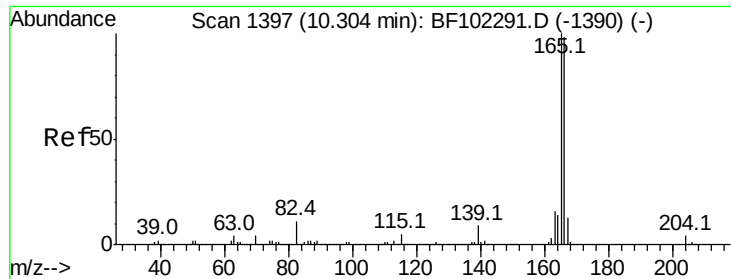
Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion:	165	Resp:	176152
Ion Ratio	Lower	Upper	
165	100		
63	57.5	36.4	54.6#
89	75.6	57.8	86.6
182	2.4	1.6	2.4#





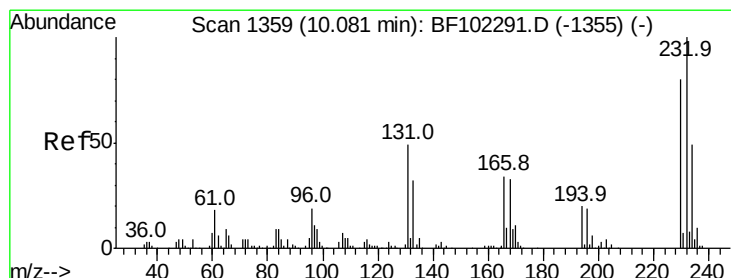
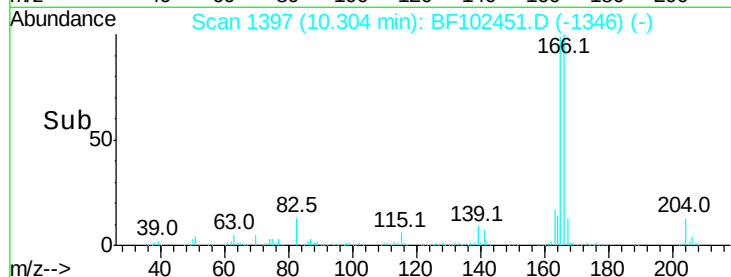
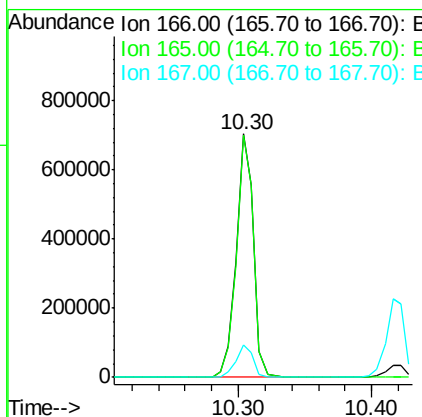
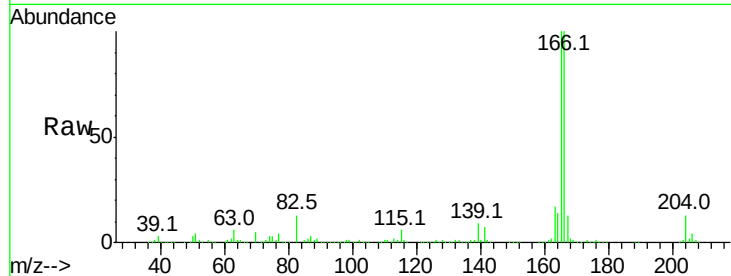
#57
 Fluorene
 Concen: 43.565 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	633325		
165	99.5	79.8	119.8	
167	13.5	10.6	16.0	

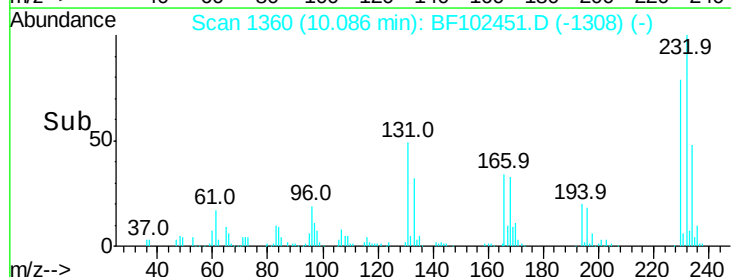
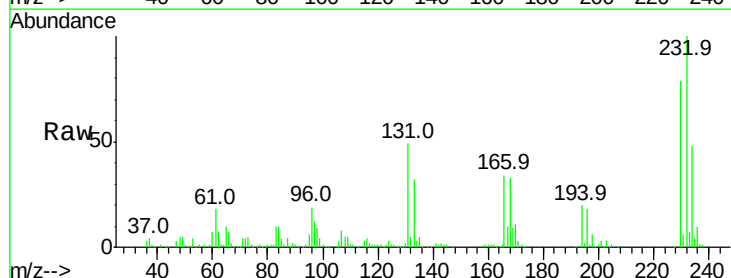
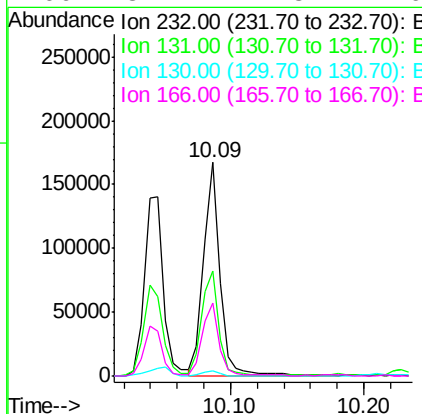
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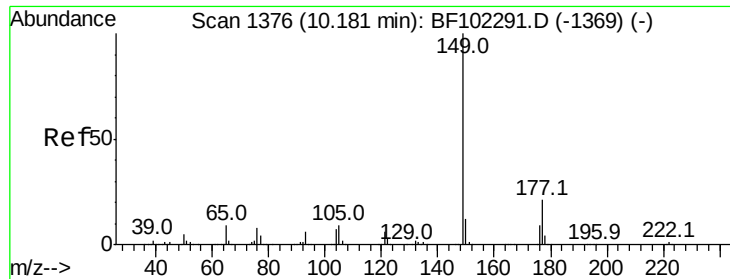
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.331 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	143448		
231	50.6	43.8	65.8	
130	2.5	2.1	3.1	
166	34.2	27.8	41.6	





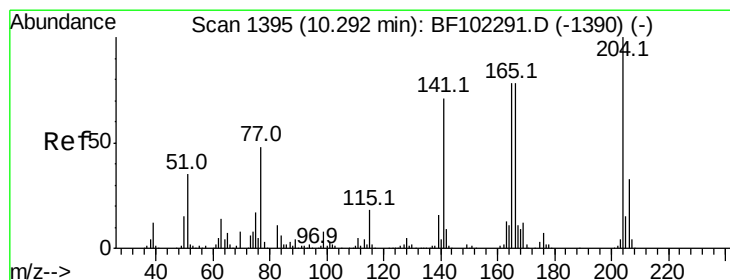
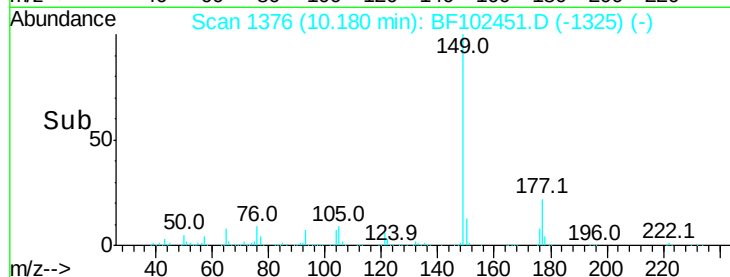
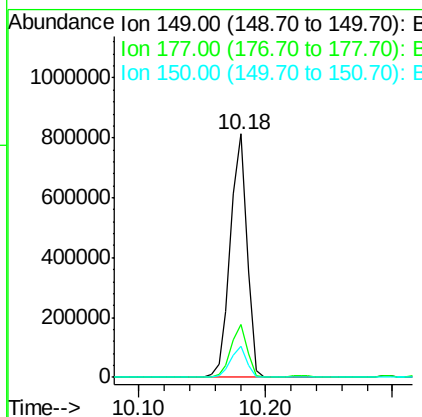
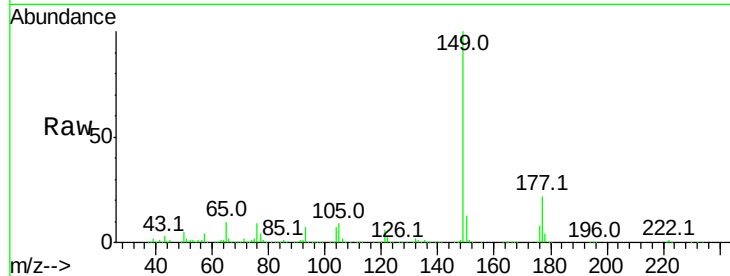
#59
Diethylphthalate
Concen: 42.749 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.6	10.1	15.1

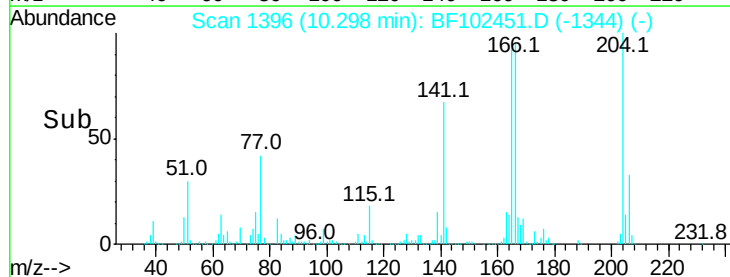
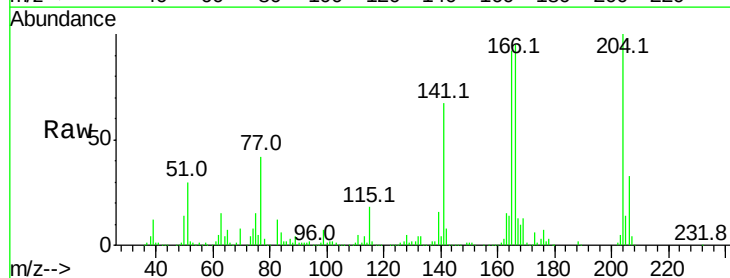
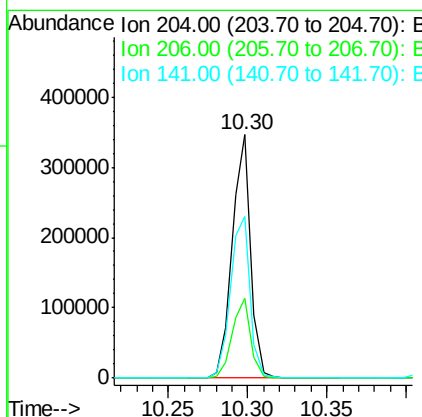
Manual Integrations
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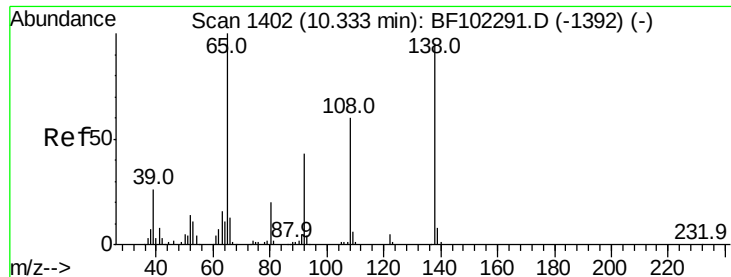
Sohil
1/26/2018 11:24:57 AM



#60
4-Chlorophenyl-phenylether
Concen: 44.299 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	66.6	54.6	81.8





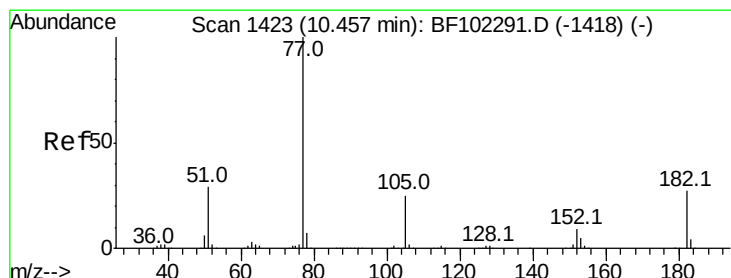
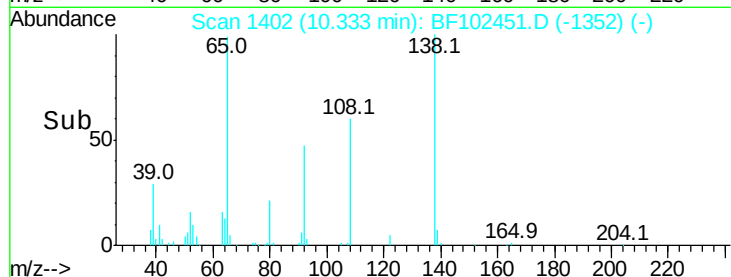
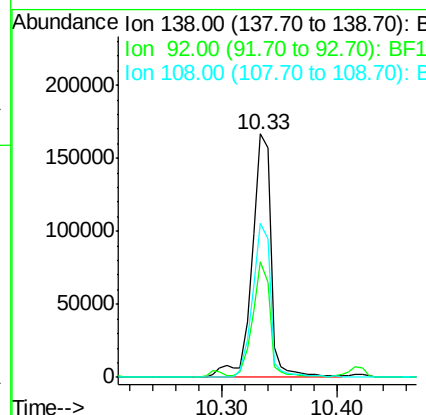
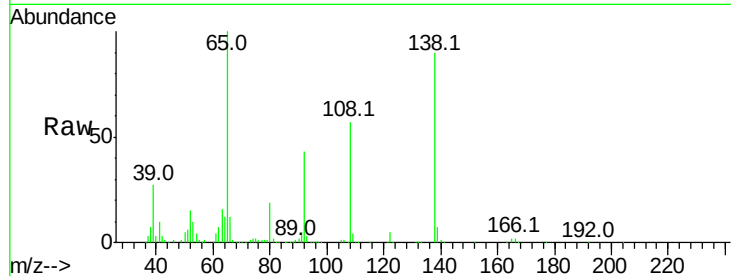
#61
4-Nitroaniline
Concen: 42.148 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	30.2	70.2
108	63.5	52.5	92.5

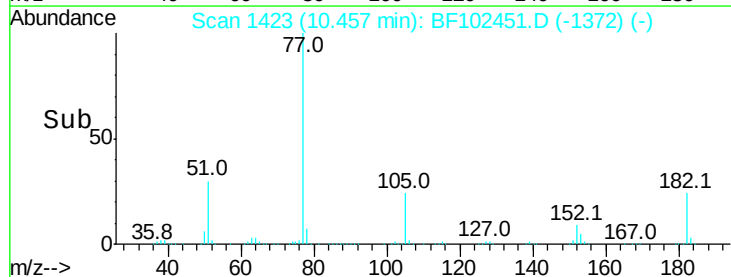
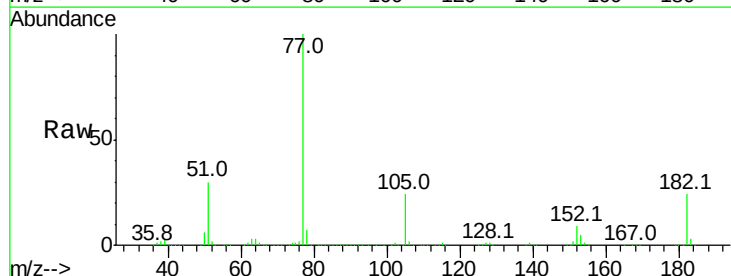
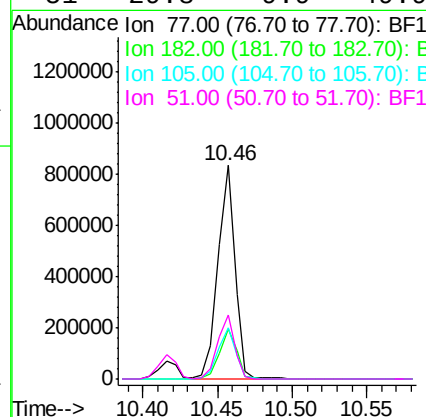
Manual Integrations
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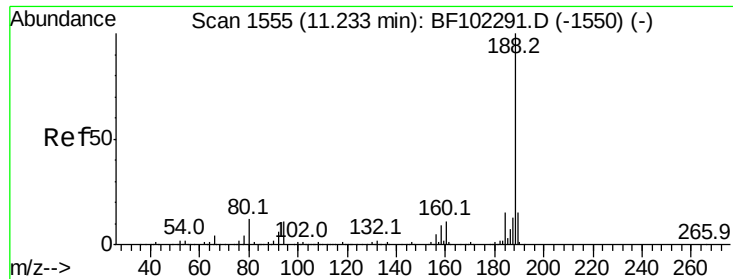
Sohil
1/26/2018 11:24:57 AM



#62
Azobenzene
Concen: 42.009 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	1.7	41.7
105	24.0	3.0	43.0
51	29.8	9.9	49.9





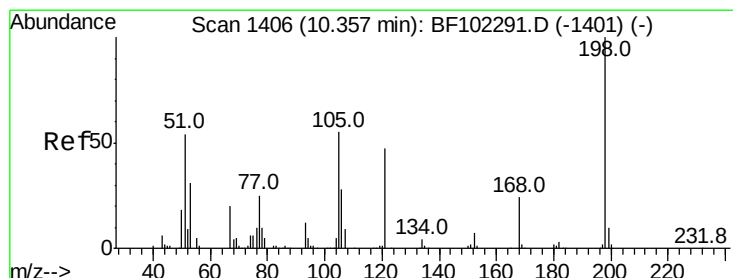
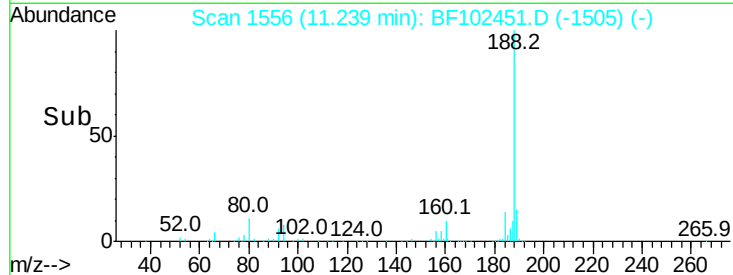
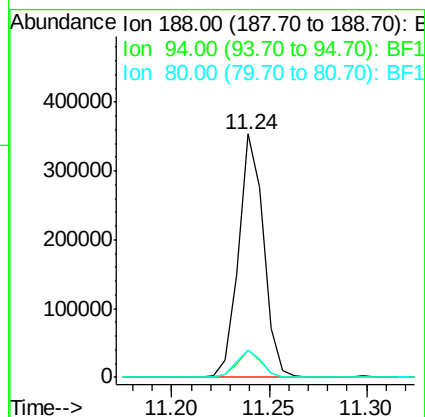
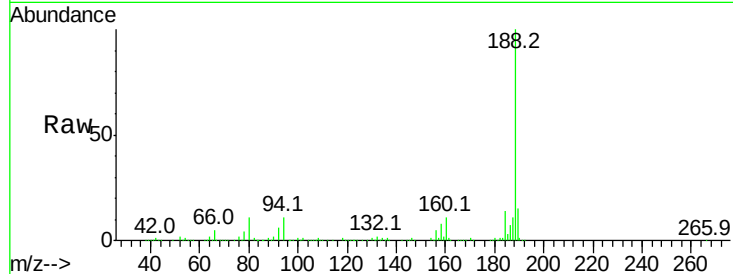
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.0	8.5	12.7	
80	11.4	9.2	13.8	

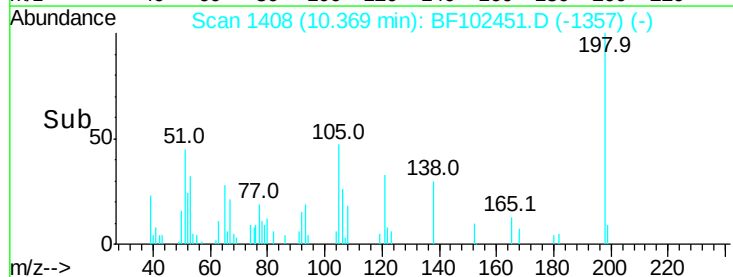
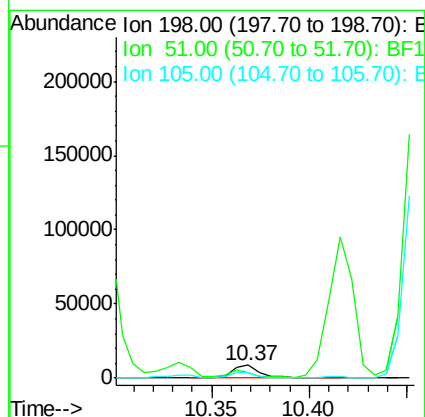
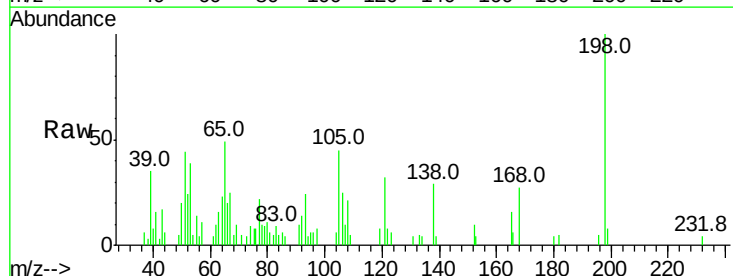
Manual Integrations
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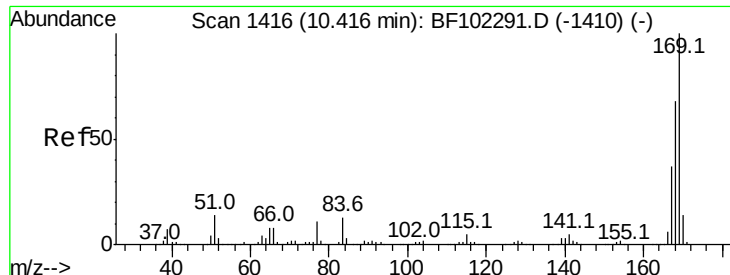
Sohil
1/26/2018 11:24:57 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 4.079 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.6	37.7	77.7	
105	45.3	36.3	76.3	





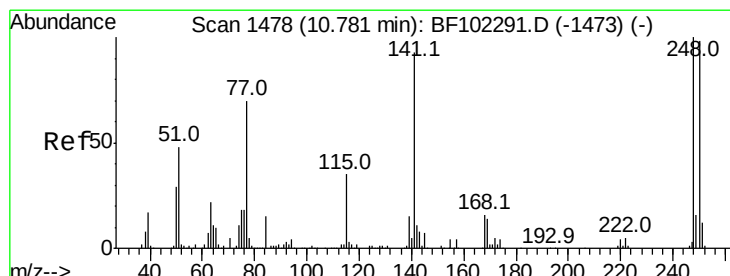
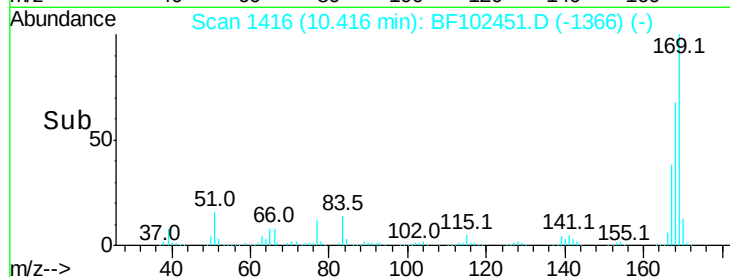
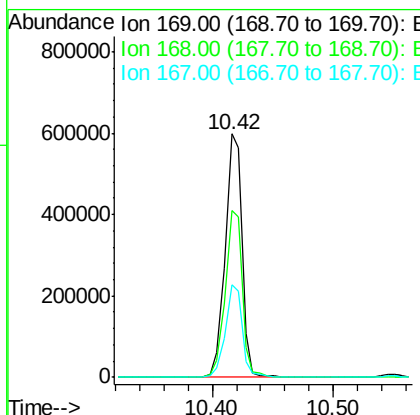
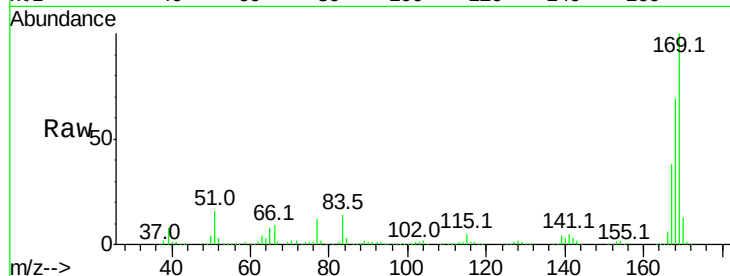
#65
 n-Nitrosodiphenylamine
 Concen: 49.921 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	578364		
168	68.7		54.4	81.6
167	38.1		29.8	44.6

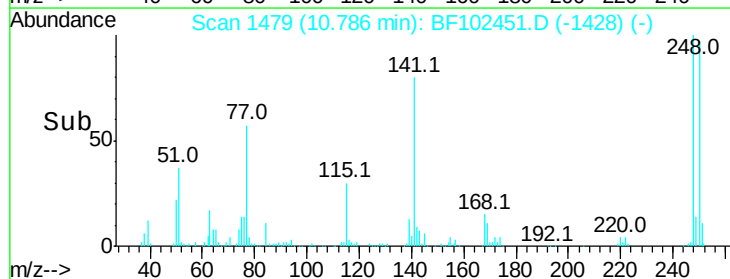
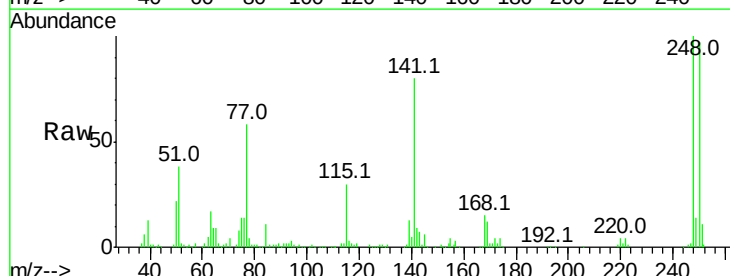
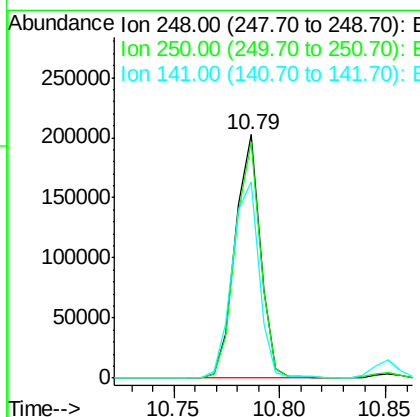
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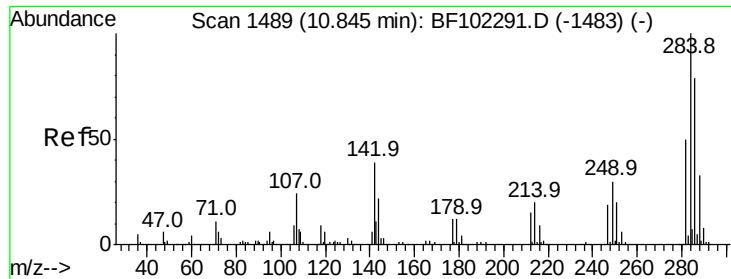
Sohil
 1/26/2018 11:24:57 AM



#66
 4-Bromophenyl-phenylether
 Concen: 48.973 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	166406		
250	96.9		76.9	115.3
141	80.4		74.4	111.6





#67

Hexachlorobenzene

Concen: 42.075 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

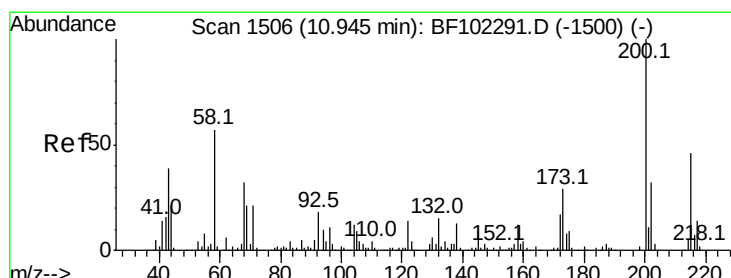
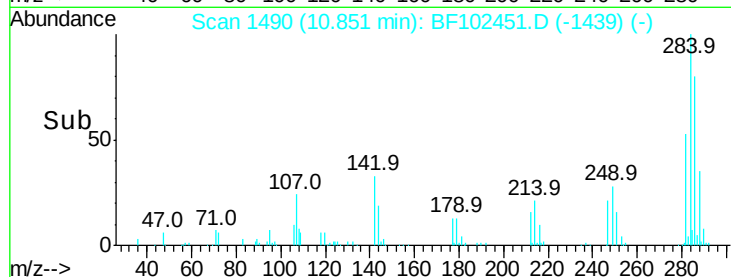
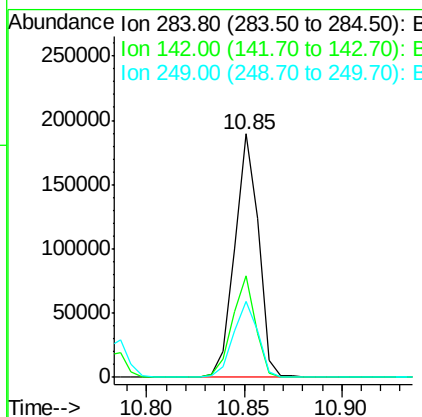
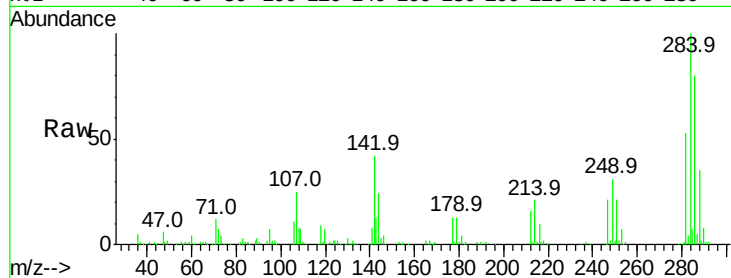
ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion:	284	Resp:	159894
Ion Ratio	Lower	Upper	
284	100		
142	41.9	34.6	52.0
249	31.5	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 48.038 ng

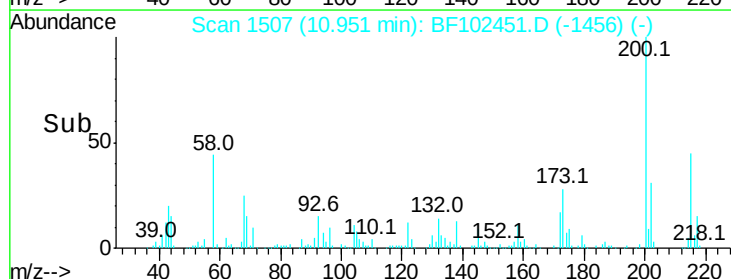
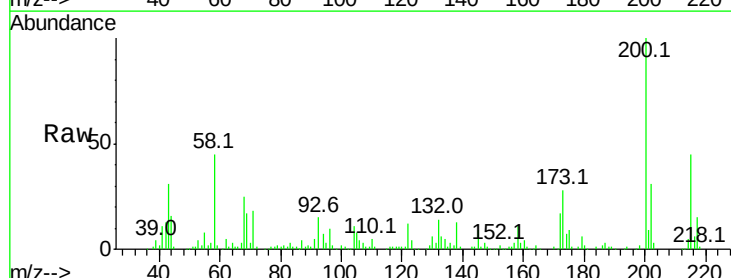
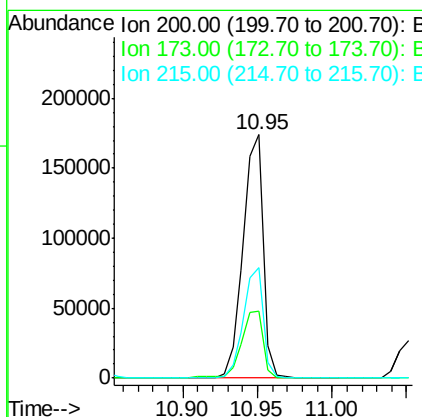
RT: 10.95 min Scan# 1507

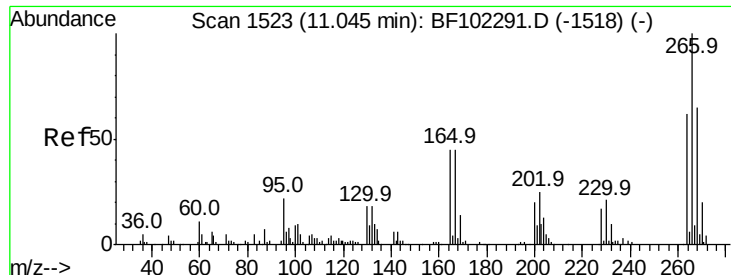
Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion:	200	Resp:	164374
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.6	48.6
215	45.4	25.1	65.1





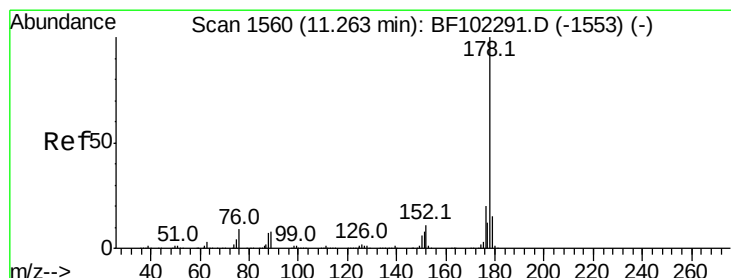
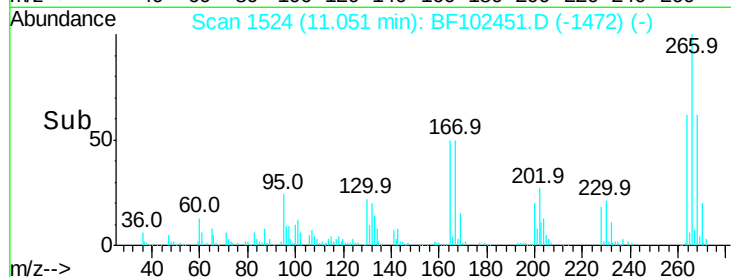
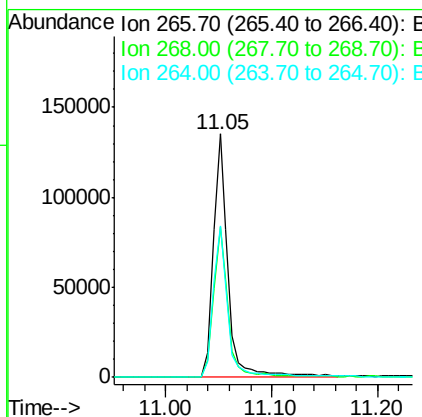
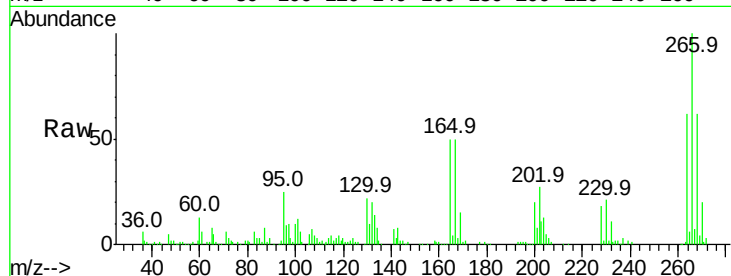
#69
 Pentachlorophenol
 Concen: 67.251 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	134253		
268	61.6	51.1	76.7	
264	62.4	49.5	74.3	

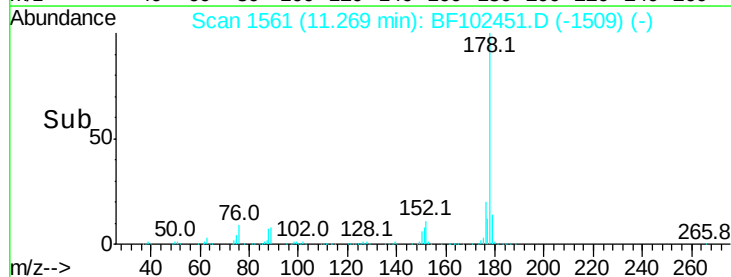
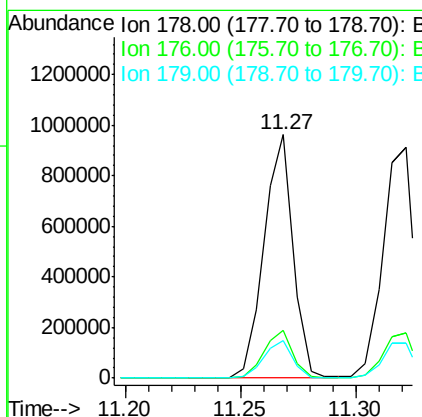
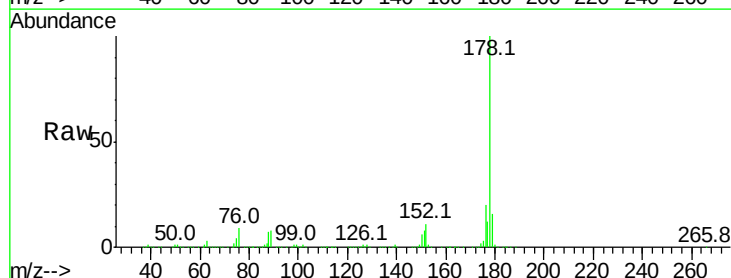
Manual Integrations
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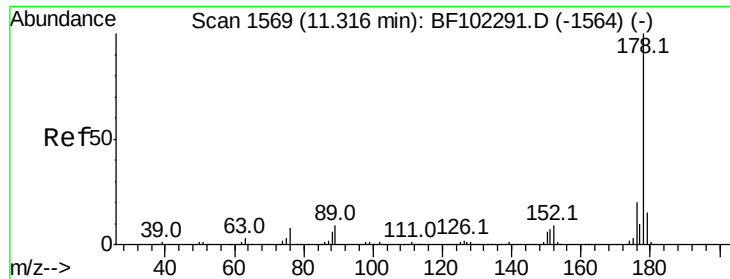
Sohil
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#70
 Phenanthrene
 Concen: 45.848 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	843312		
176	19.6	15.8	23.8	
179	15.5	13.0	19.6	





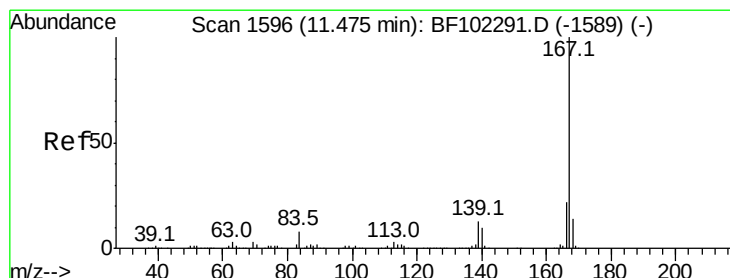
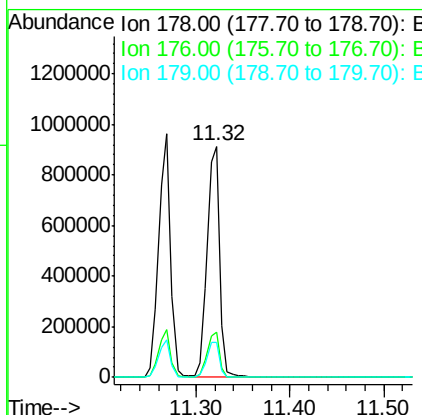
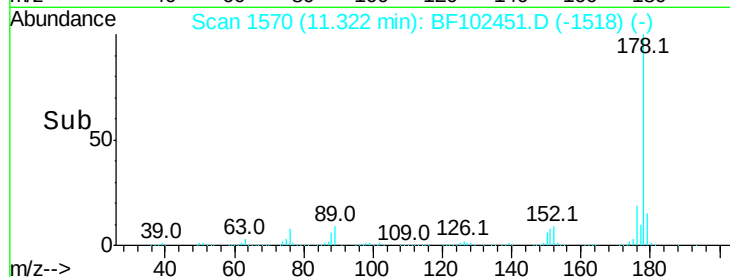
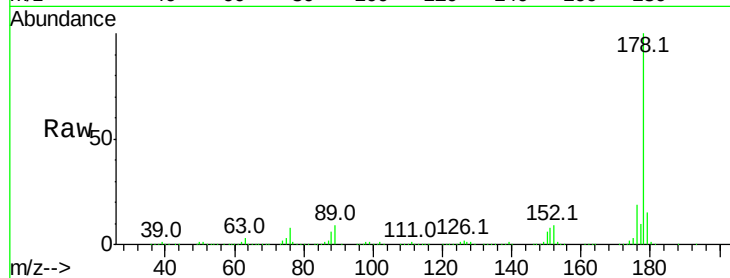
#71
 Anthracene
 Concen: 45.945 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	19.0

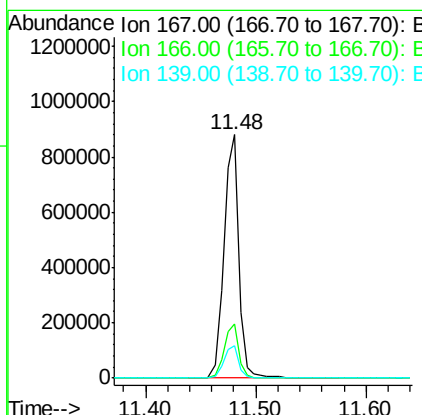
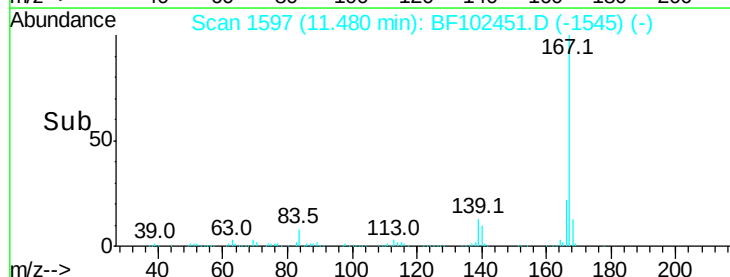
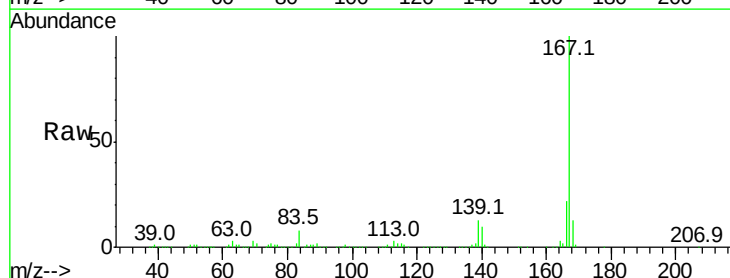
Manual Integrations
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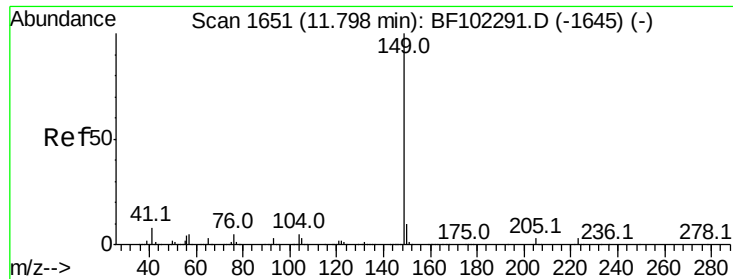
Sohil
 1/26/2018 11:24:57 AM



#72
 Carbazole
 Concen: 45.189 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.717 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion:149 Resp: 1046660

Ion Ratio Lower Upper

149 100

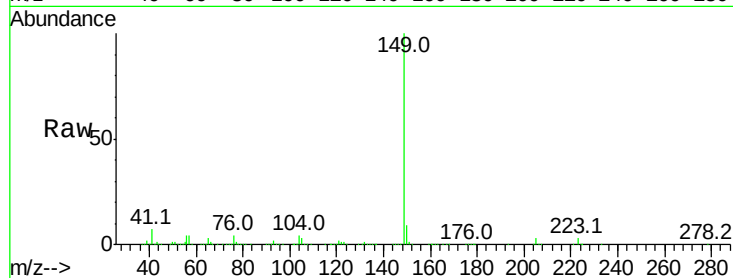
150 9.0 7.8 11.6

104 4.5 3.8 5.8

Manual Integrations
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Sohil

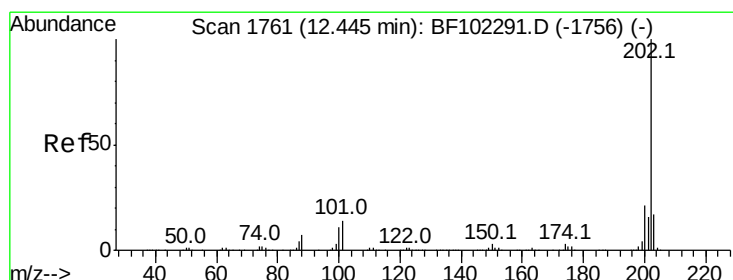
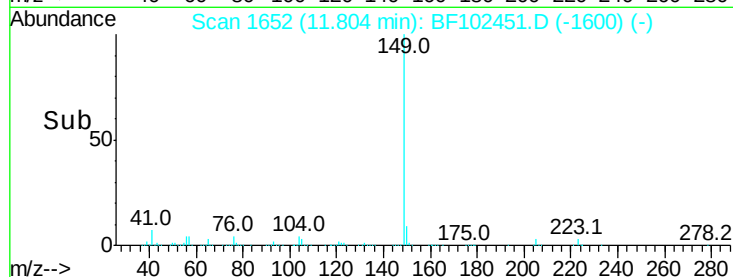
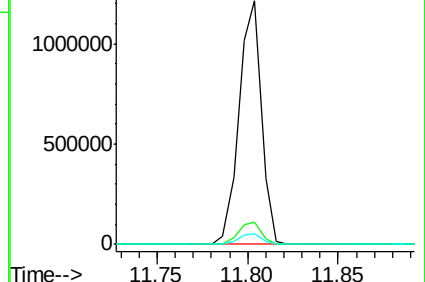
1/26/2018 11:24:57 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.267 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

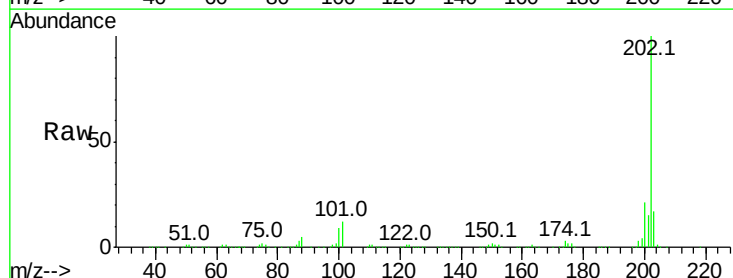
Tgt Ion:202 Resp: 830320

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

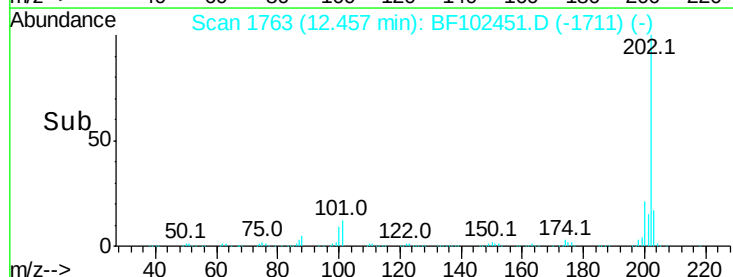
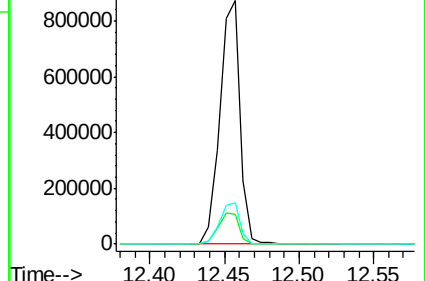
203 16.8 0.0 38.1

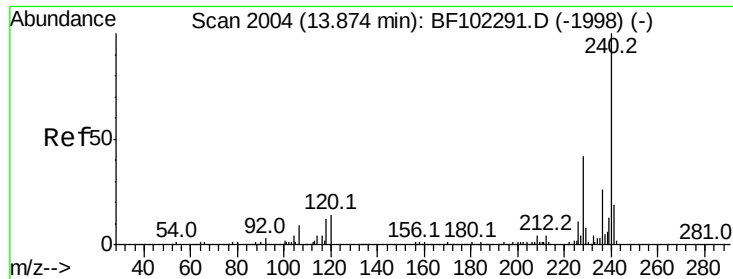


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

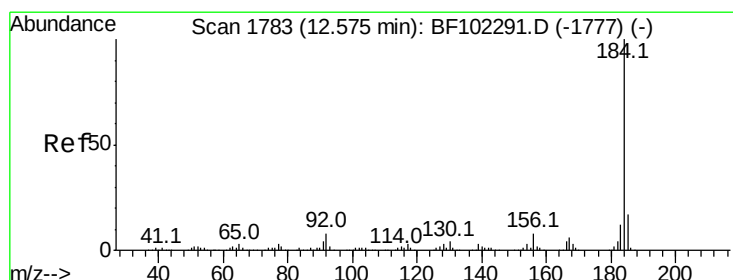
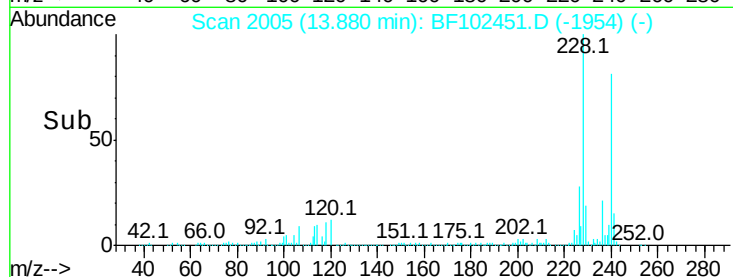
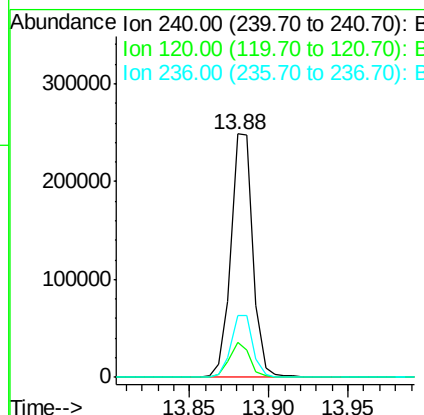
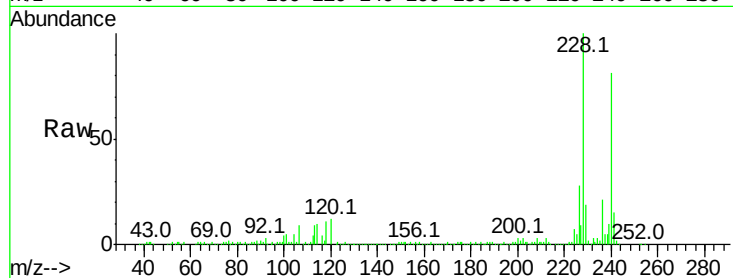
ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	240247		
120	14.5	9.5	14.3#	
236	25.6	20.7	31.1	

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#76

Benzidine

Concen: 55.792 ng

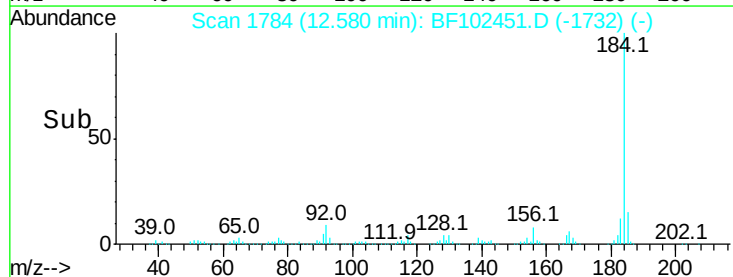
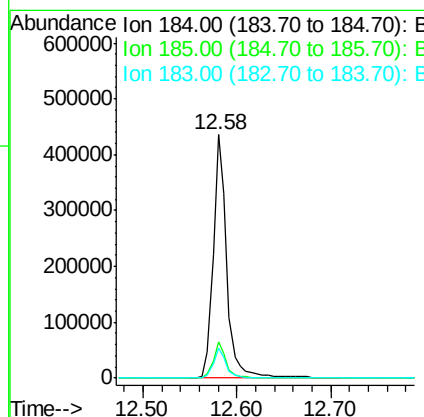
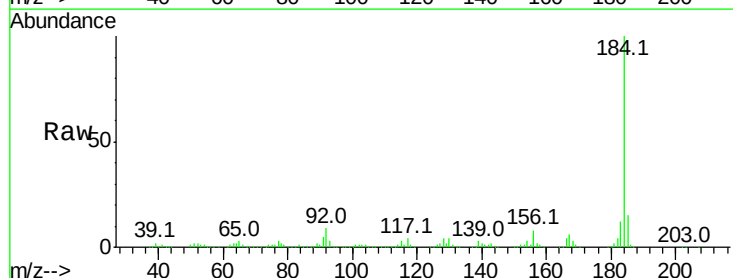
RT: 12.58 min Scan# 1784

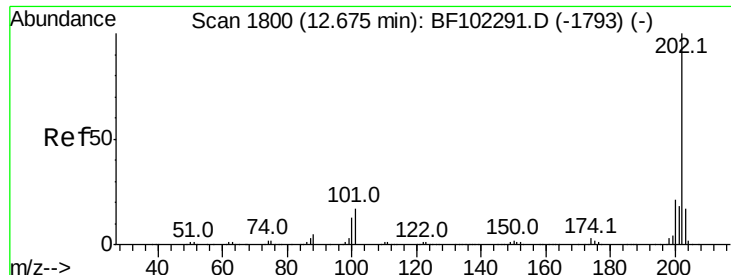
Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	450285		
185	14.8	12.6	18.8	
183	12.3	9.3	13.9	





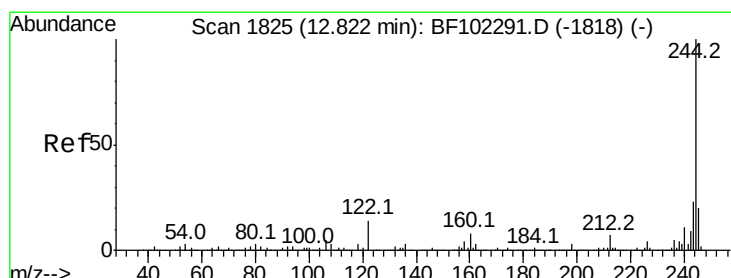
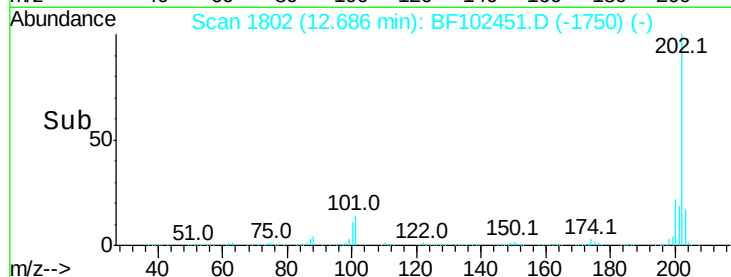
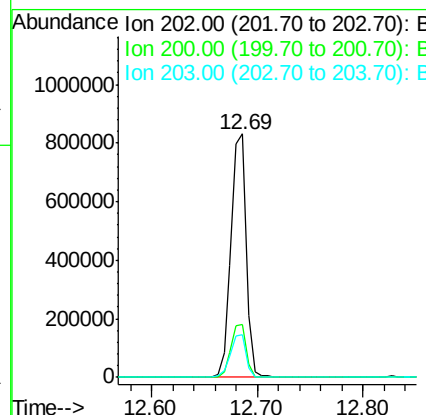
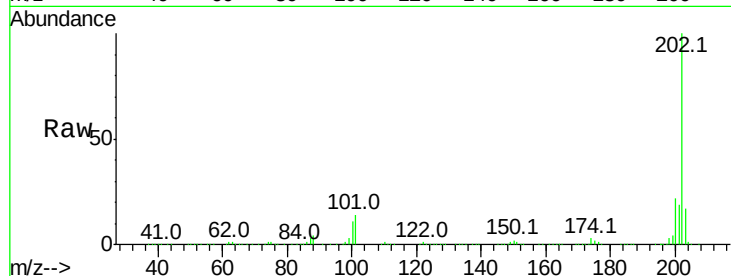
#77
Pvrene
Concen: 44.962 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	835174		
200	21.9		17.4	26.2
203	17.3		14.3	21.5

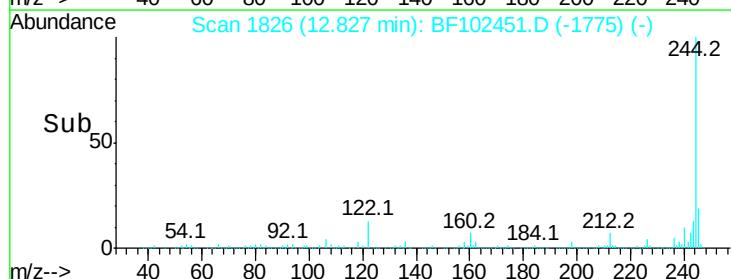
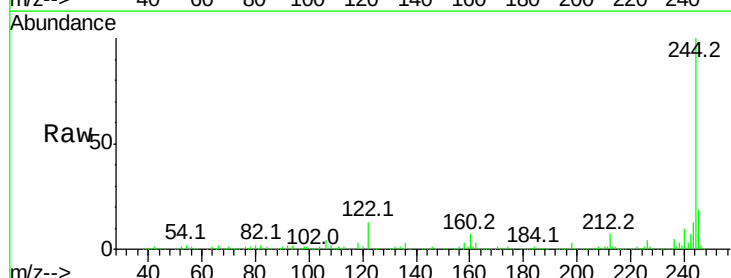
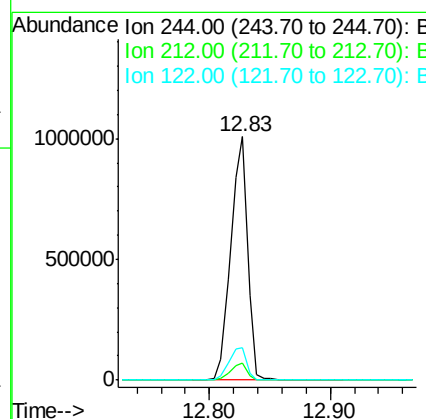
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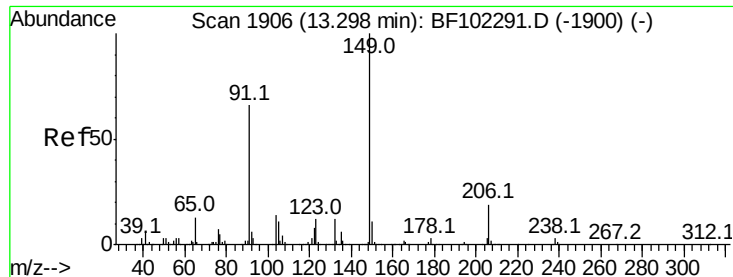
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#78
Terphenyl-d14
Concen: 91.380 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	973834		
212	6.9		5.4	8.0
122	13.1		11.0	16.4





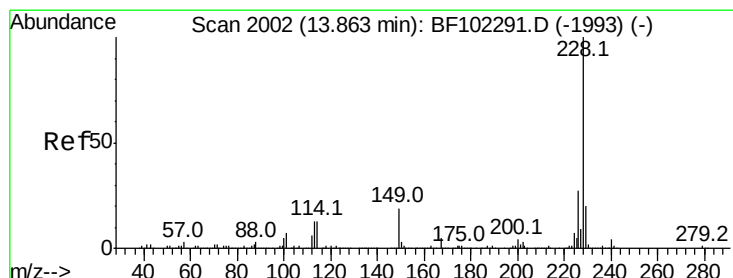
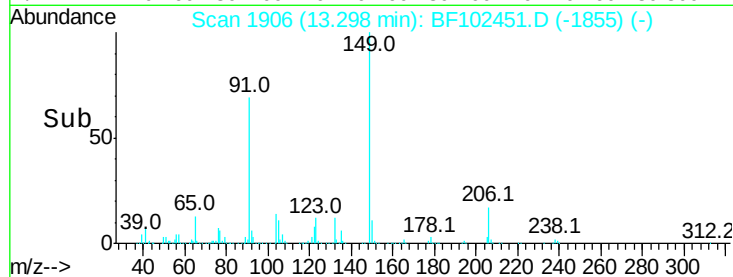
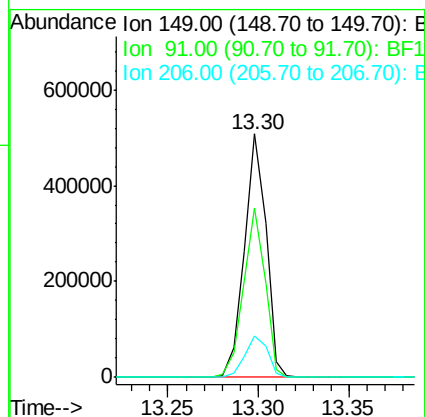
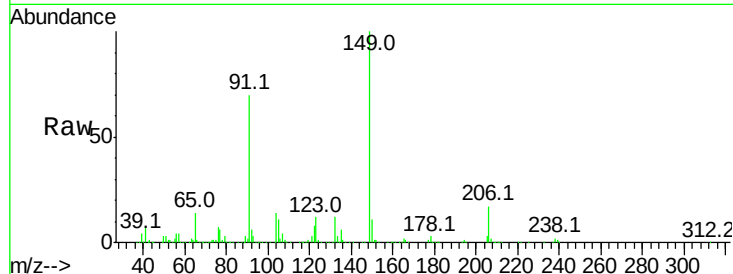
#79
 Butylbenzylphthalate
 Concen: 45.875 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Tot Ion:	149	Resp:	424062
Ion Ratio	Lower	Upper	
149	100		
91	69.5	56.8	85.2
206	16.9	14.1	21.1

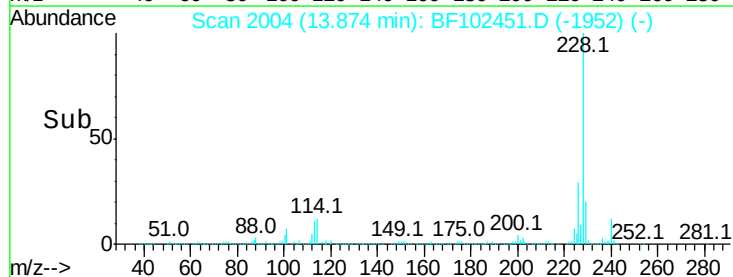
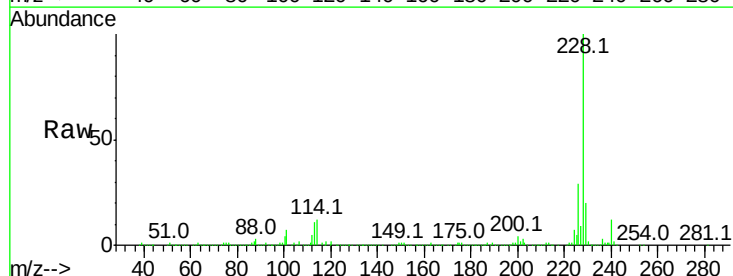
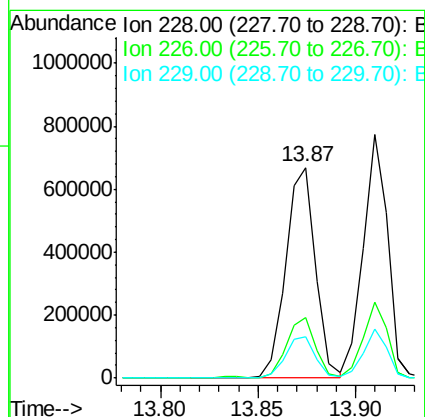
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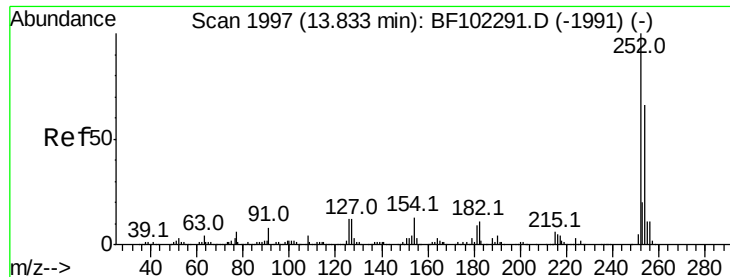
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#80
 Benzo(a)anthracene
 Concen: 47.512 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:	228	Resp:	702757
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 45.889 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

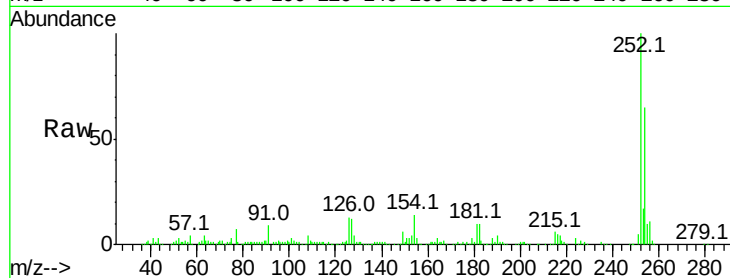
ClientSampleId :

SB-08-9.5-10.0MSD

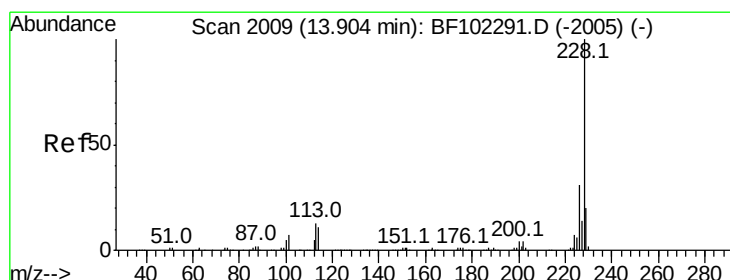
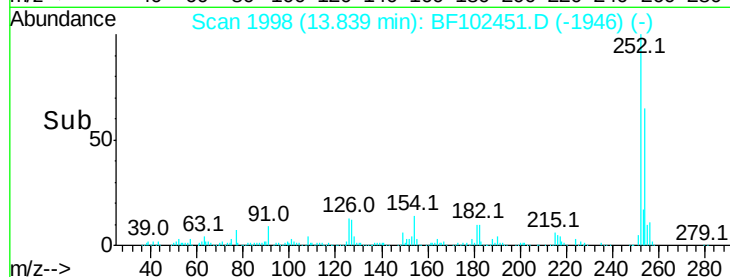
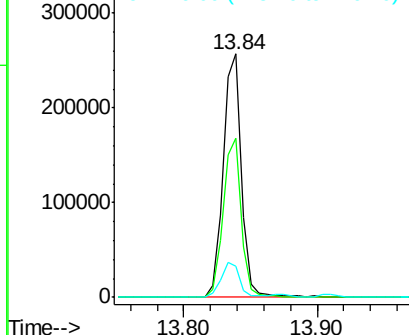
Tot Ion:	252	Resp:	248992
Ion Ratio		Lower	Upper
252	100		
254	65.1	50.4	75.6
126	12.9	11.3	16.9

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



#82

Chrysene

Concen: 44.790 ng

RT: 13.91 min Scan# 2010

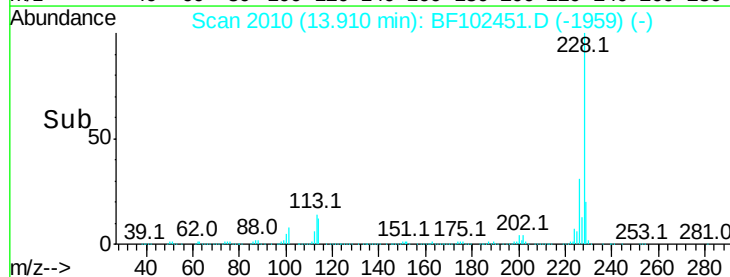
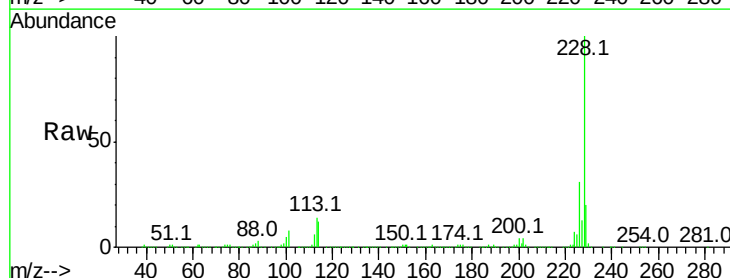
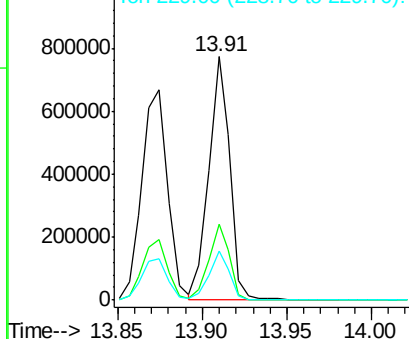
Delta R.T. 0.00 min

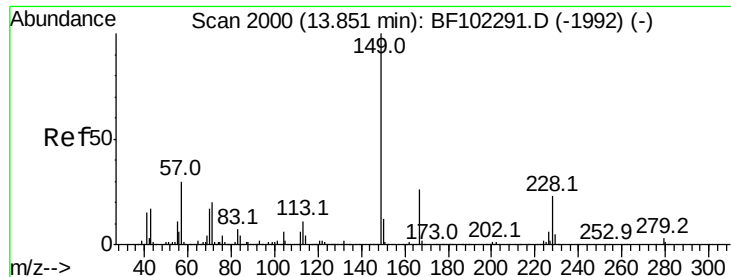
Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion:	228	Resp:	672768
Ion Ratio		Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.9	16.2	24.4

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





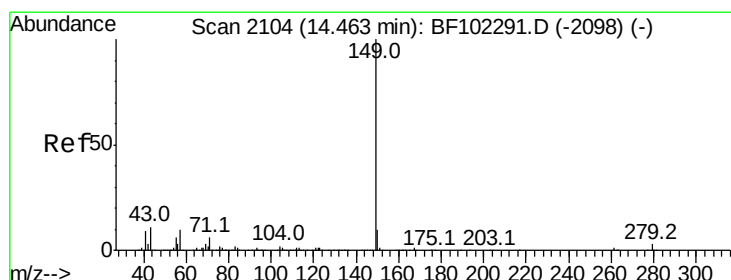
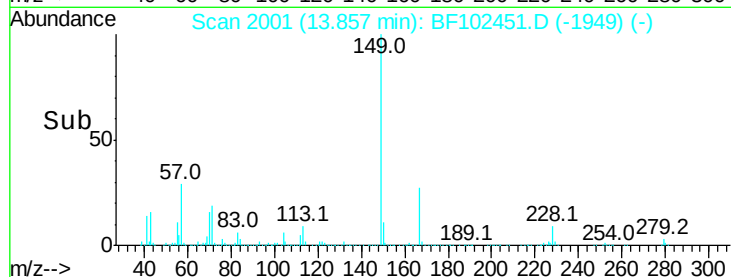
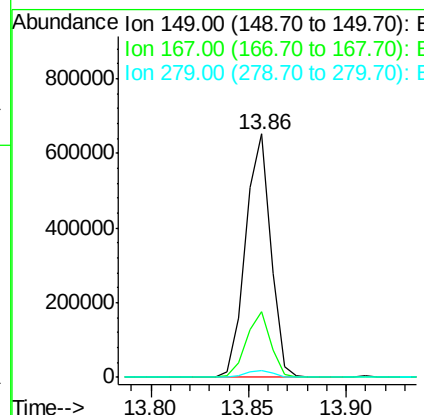
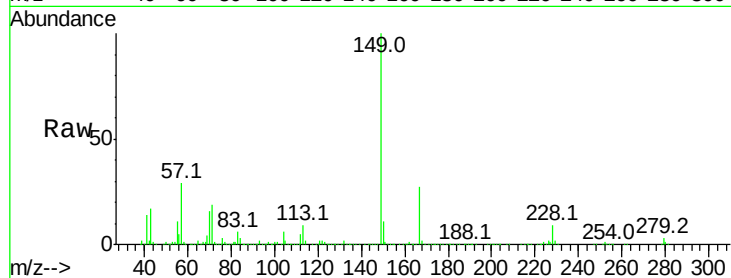
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.795 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	581326		
167	26.7	21.3	31.9	
279	3.0	3.0	4.4	

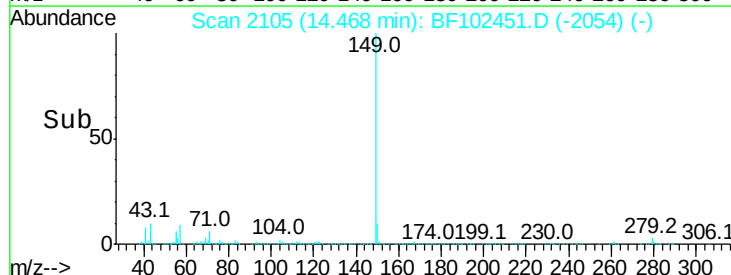
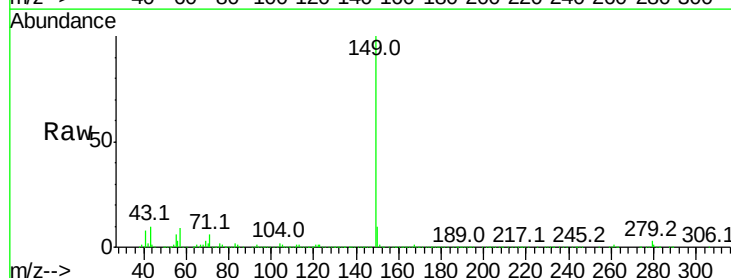
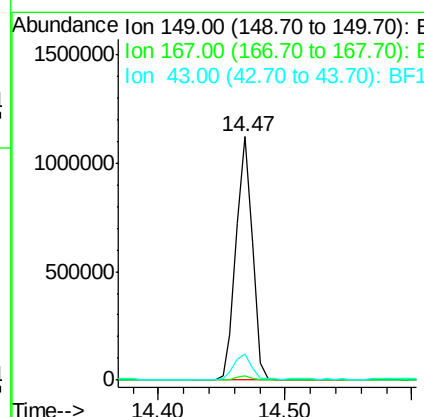
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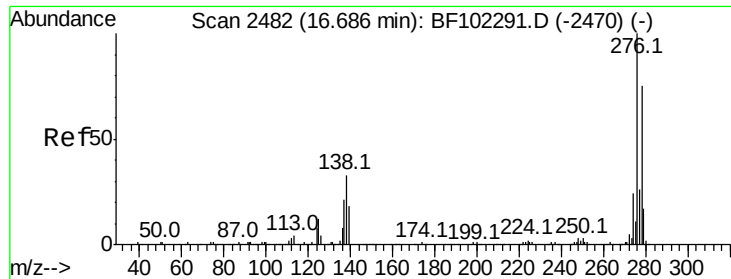
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#84
 Di-n-octyl phthalate
 Concen: 48.912 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	988143		
167	1.5	1.2	1.8	
43	10.7	8.4	12.6	





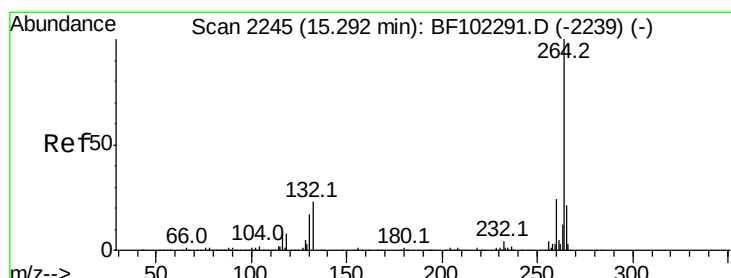
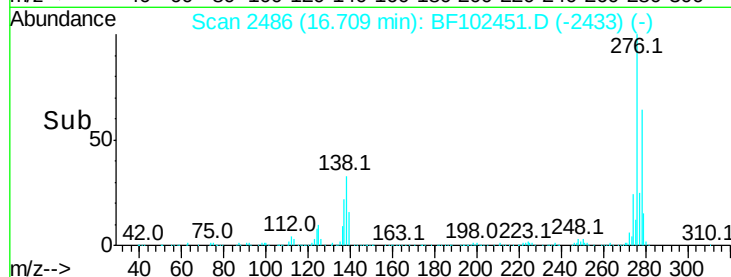
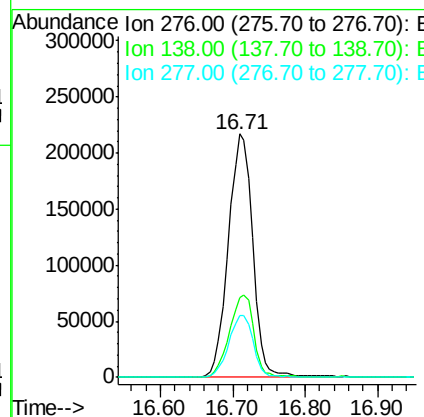
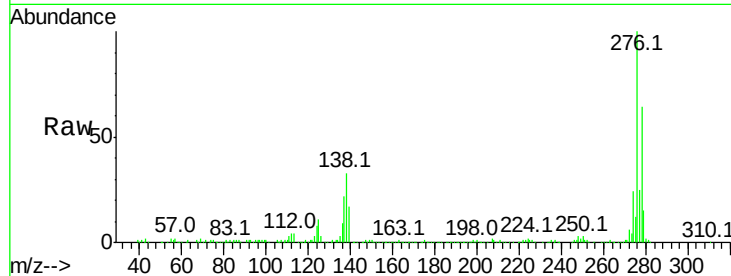
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.284 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.0	37.6
277	25.7	20.1	30.1

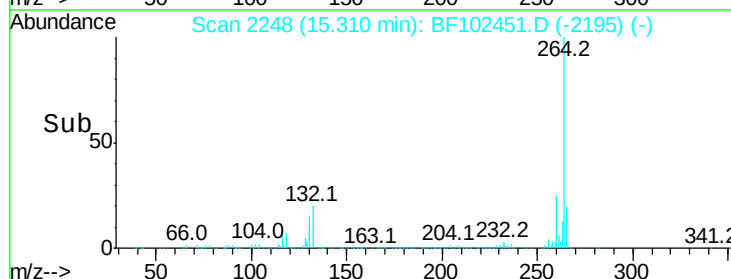
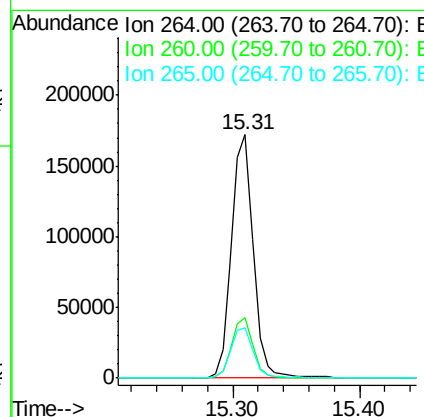
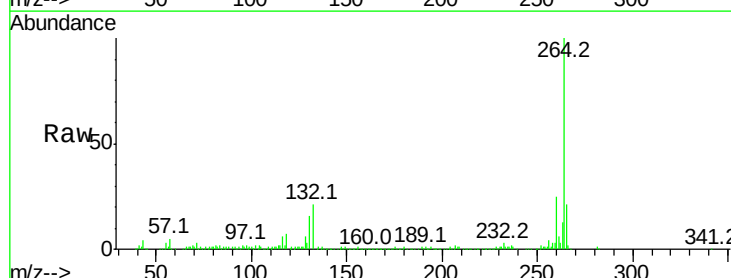
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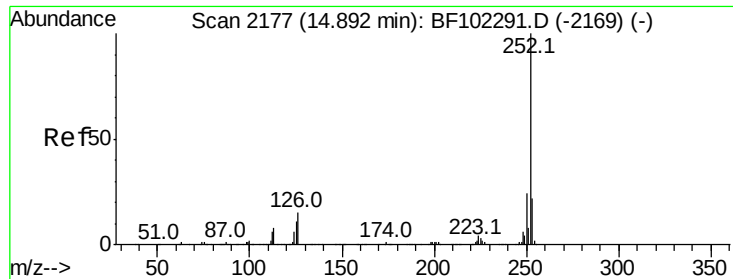
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	20.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.925 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

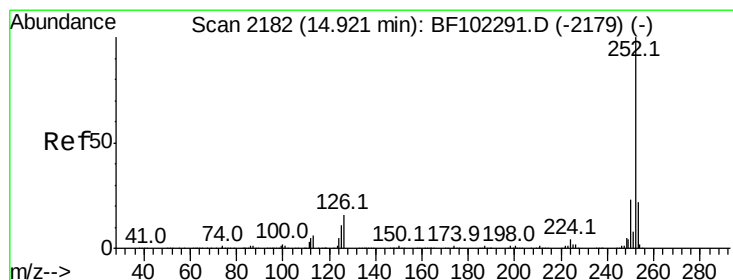
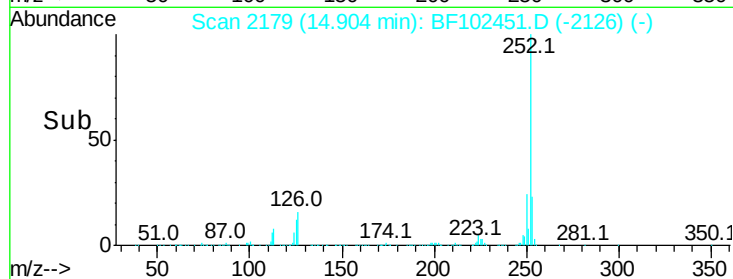
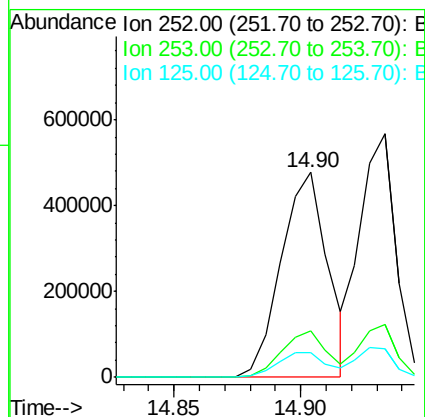
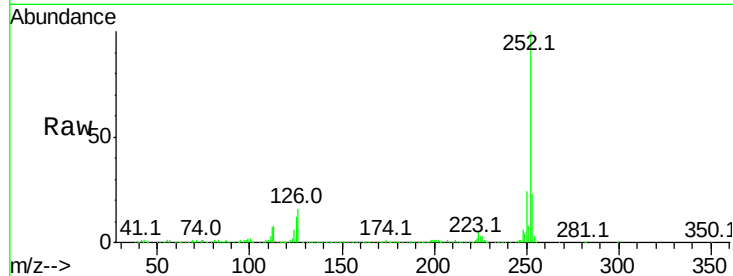
ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion:252	Resp:	608233
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.0 25.6
125	12.3	9.0 13.6

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#88

Benzo(k)fluoranthene

Concen: 45.880 ng

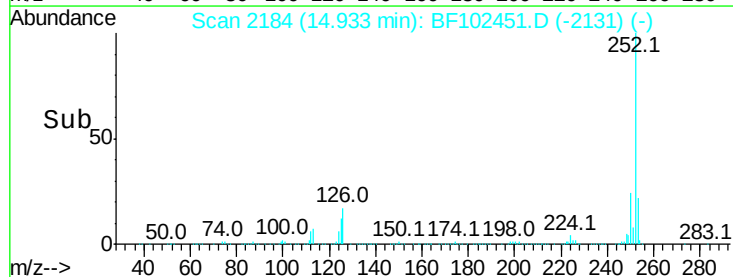
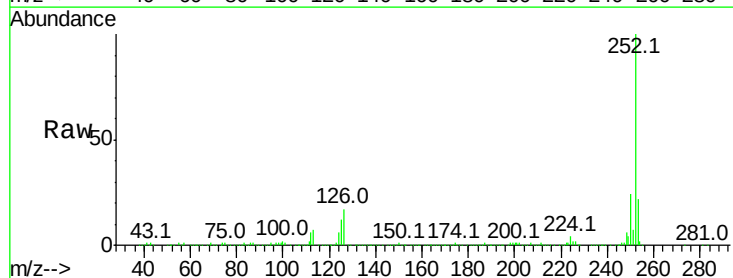
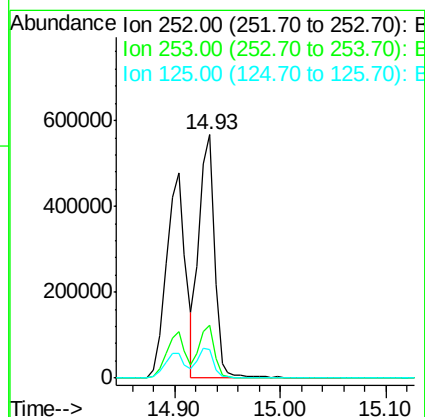
RT: 14.93 min Scan# 2184

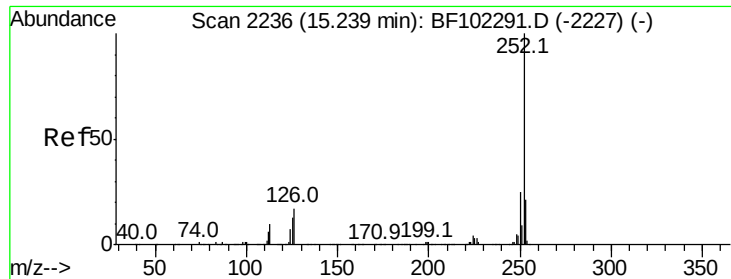
Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Tgt Ion:252	Resp:	574081
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.9 26.9
125	12.0	10.2 15.2





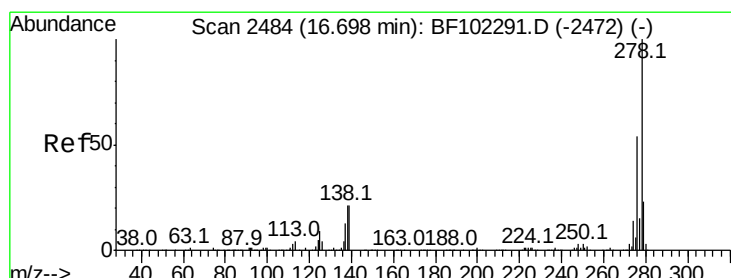
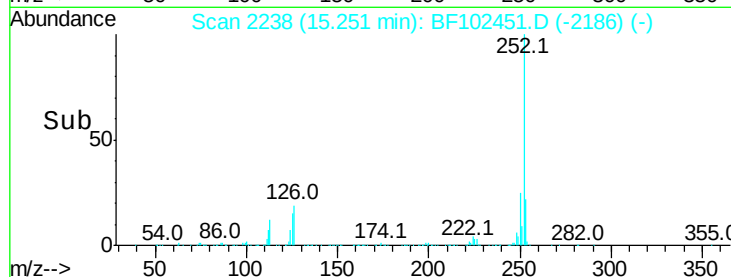
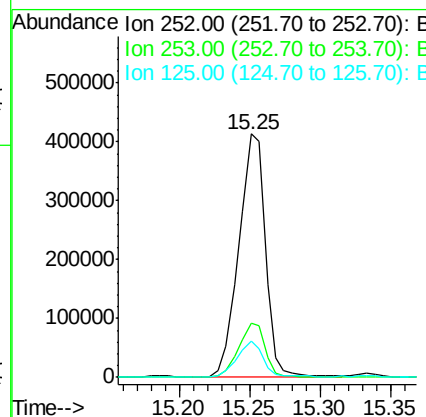
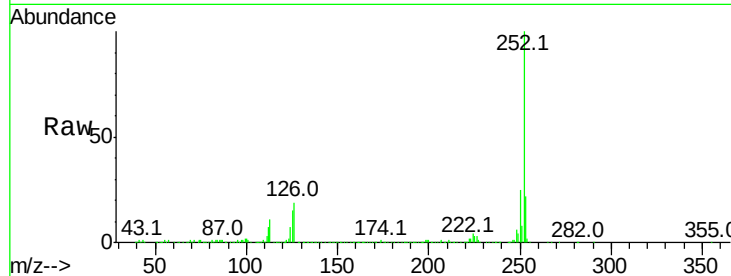
#89
Benzo(a)pyrene
Concen: 45.511 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.9	9.8	14.6

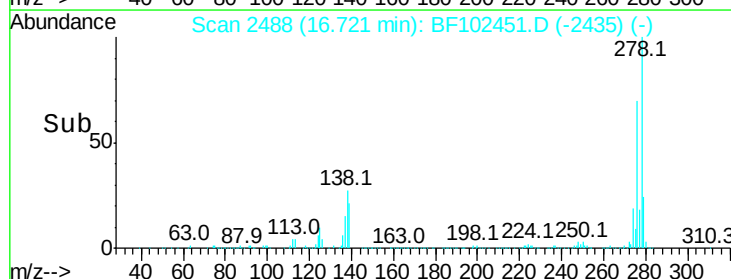
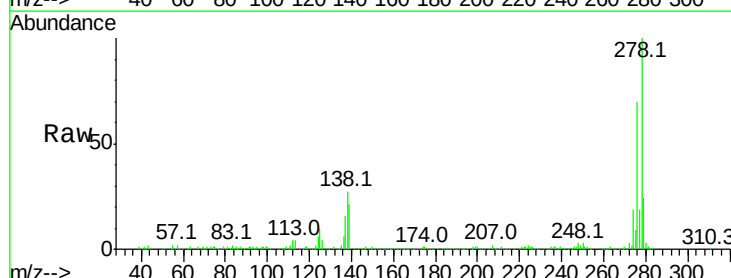
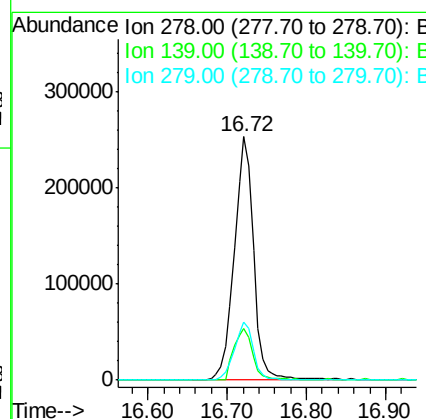
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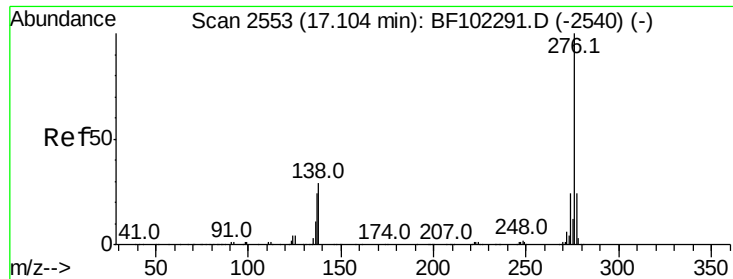
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#90
Dibenzo(a,h)anthracene
Concen: 44.263 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 44.098 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MSD

Tot Ion: 276 Resp: 421306

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 26.0 21.8 32.8

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