

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103588.D
 Acq On : 12 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1867-14MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:15:46 PM

Quant Time: Mar 13 09:11:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114727	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	481244	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	222324	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	406469	20.00	ng	0.00
75) Chrysene-d12	14.06	240	280686	20.00	ng	0.00
86) Perylene-d12	15.56	264	262406	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	600938	79.22	ng	0.00
7) Phenol-d6	6.51	99	482628	52.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	869484	103.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	243734	129.52	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1242403	100.48	ng	0.00
78) Terphenyl-d14	12.99	244	1159801	99.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	73169	18.26	ng	98
3) Pyridine	3.54	79	157925m	14.76	ng	
4) n-Nitrosodimethylamine	3.46	42	95884m	22.23	ng	
6) Aniline	6.53	93	297638	22.22	ng	# 75
8) 2-Chlorophenol	6.65	128	346222	43.94	ng	93
9) Benzaldehyde	6.42	77	243158	44.60	ng	98
10) Phenol	6.53	94	177686	16.49	ng	# 1
11) bis(2-Chloroethyl)ether	6.59	93	384725	47.04	ng	94
12) 1,3-Dichlorobenzene	6.80	146	388830	43.18	ng	98
13) 1,4-Dichlorobenzene	6.87	146	410285	45.44	ng	100
14) 1,2-Dichlorobenzene	7.03	146	345062	41.45	ng	99
15) Benzyl Alcohol	7.02	79	212377	30.36	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	646335	46.02	ng	67
17) 2-Methylphenol	7.13	107	237560	33.17	ng	# 71
18) Hexachloroethane	7.36	117	142517	43.36	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	310657	53.78	ng	94
20) 3+4-Methylphenols	7.29	107	288479	33.05	ng	# 71
22) Acetophenone	7.27	105	567485	50.52	ng	# 96
24) Nitrobenzene	7.45	77	470129	50.67	ng	97
25) Isophorone	7.68	82	847115	51.04	ng	97
26) 2-Nitrophenol	7.76	139	223248	51.11	ng	92
27) 2,4-Dimethylphenol	7.80	122	332269	49.77	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	514337	52.71	ng	99
29) 2,4-Dichlorophenol	8.02	162	315446	49.35	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	301561	44.30	ng	98
31) Naphthalene	8.16	128	1117880	47.45	ng	99
32) Benzoic acid	7.93	122	44857	14.67	ng	93
33) 4-Chloroaniline	8.23	127	289093	28.43	ng	97
34) Hexachlorobutadiene	8.27	225	148269	41.83	ng	98
35) Caprolactam	8.60	113	51854	23.08	ng	# 83
36) 4-Chloro-3-methylphenol	8.71	107	344819	47.83	ng	97
37) 2-Methylnaphthalene	8.86	142	752517	49.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	279326	45.96	ng	98
40) Hexachlorocyclopentadiene	9.00	237	89313	45.94	ng	98

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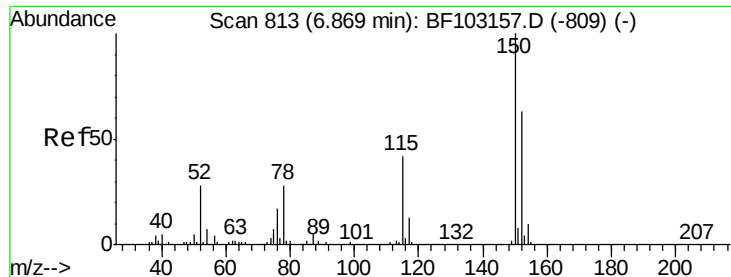
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Quant Time: Mar 13 09:11:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	182508	44.63	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	193127	41.06	nq	98
45) 1,1'-Biphenyl	9.32	154	834385	44.79	nq	99
46) 2-Chloronaphthalene	9.35	162	662613	44.96	nq	99
47) 2-Nitroaniline	9.46	65	273656	50.13	nq	90
48) Acenaphthylene	9.76	152	973799	42.94	nq	98
49) Dimethylphthalate	9.62	163	798982	44.80	nq	100
50) 2,6-Dinitrotoluene	9.70	165	173756	46.42	nq	# 82
51) Acenaphthene	9.93	154	609985	46.13	nq	99
52) 3-Nitroaniline	9.88	138	139570	29.39	nq	97
53) 2,4-Dinitrophenol	10.00	184	131054	94.90	nq	# 19
54) Dibenzofuran	10.11	168	883422	48.67	nq	96
55) 4-Nitrophenol	10.09	139	45096m	15.32	nq	
56) 2,4-Dinitrotoluene	10.12	165	227288	48.02	nq	# 83
57) Fluorene	10.46	166	750376	48.53	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	139132	44.03	nq	# 96
59) Diethylphthalate	10.32	149	781126	45.79	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	312911	47.72	nq	99
61) 4-Nitroaniline	10.50	138	211855	44.67	nq	99
62) Azobenzene	10.60	77	864537	49.79	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	88992	37.22	nq	92
65) n-Nitrosodiphenylamine	10.56	169	630200	44.53	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	186722	44.10	nq	93
67) Hexachlorobenzene	11.00	284	194708	42.37	nq	99
68) Atrazine	11.09	200	199015	46.78	nq	99
69) Pentachlorophenol	11.21	266	138647	62.39	nq	97
70) Phenanthrene	11.42	178	1063342	47.54	nq	99
71) Anthracene	11.47	178	1113626	48.55	nq	98
72) Carbazole	11.64	167	1103066	48.29	nq	99
73) Di-n-butylphthalate	11.94	149	1352837	47.33	nq	99
74) Fluoranthene	12.62	202	1062466	47.27	nq	99
76) Benzidine	12.74	184	434013	41.36	nq	97
77) Pyrene	12.85	202	1050939	48.02	nq	99
79) Butylbenzylphthalate	13.45	149	554187	47.93	nq	98
80) Benzo(a)anthracene	14.04	228	880484	48.35	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	189429	29.15	nq	99
82) Chrysene	14.09	228	848983	48.01	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	696484	44.64	nq	# 98
84) Di-n-octyl phthalate	14.62	149	1264666	50.17	nq	100
85) Indeno(1,2,3-cd)pyrene	17.12	276	727583	51.97	nq	98
87) Benzo(b)fluoranthene	15.12	252	777597	45.07	nq	97
88) Benzo(k)fluoranthene	15.15	252	818690	50.39	nq	99
89) Benzo(a)pyrene	15.50	252	755483	49.04	nq	97
90) Dibenzo(a,h)anthracene	17.12	278	614508	51.62	nq	97
91) Benzo(g,h,i)perylene	17.59	276	632290	54.34	nq	98

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



#1

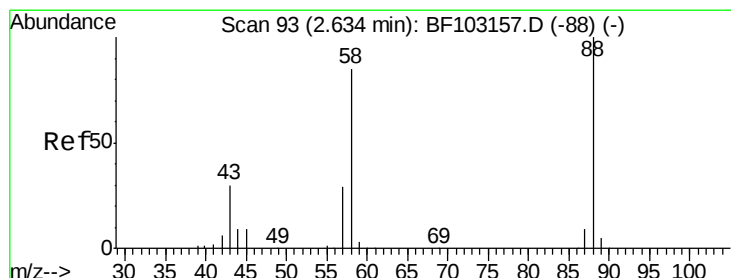
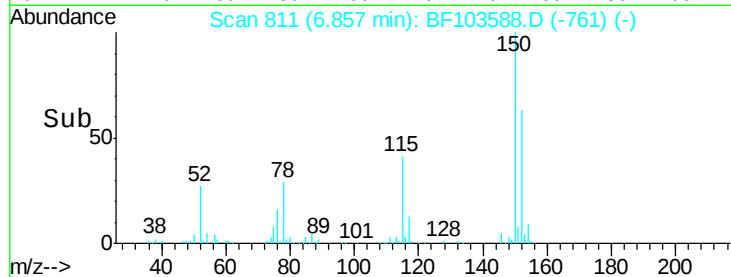
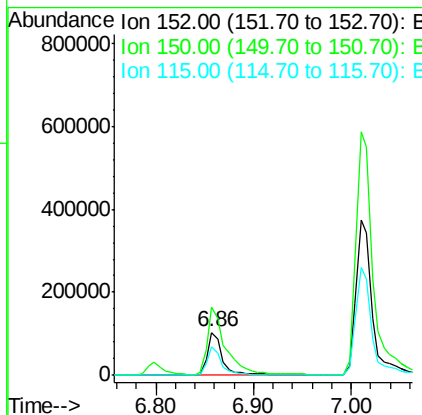
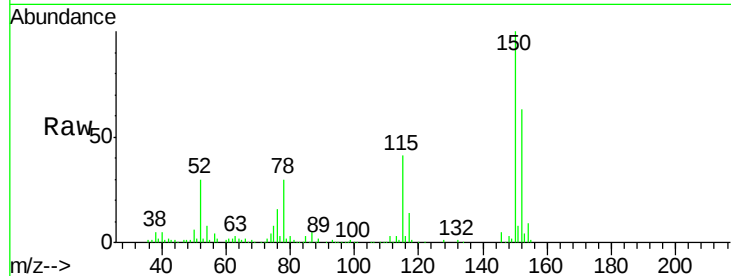
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	66.0	50.1	75.1

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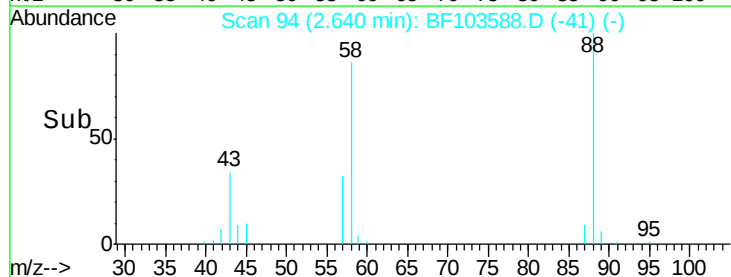
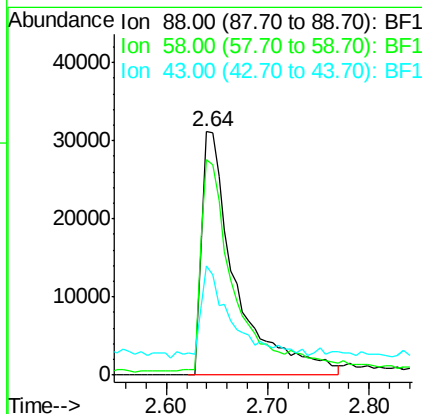
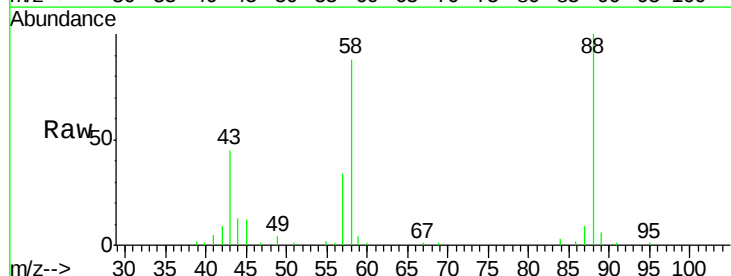
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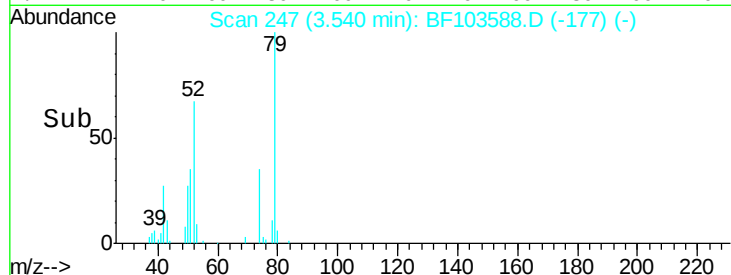
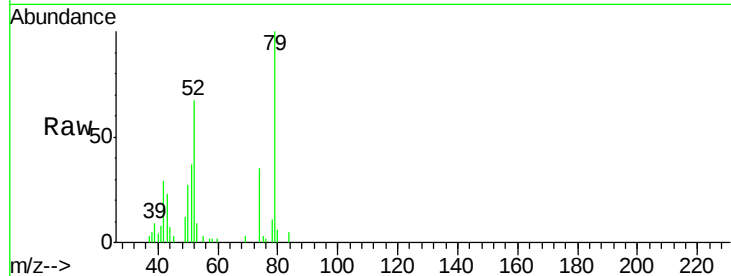
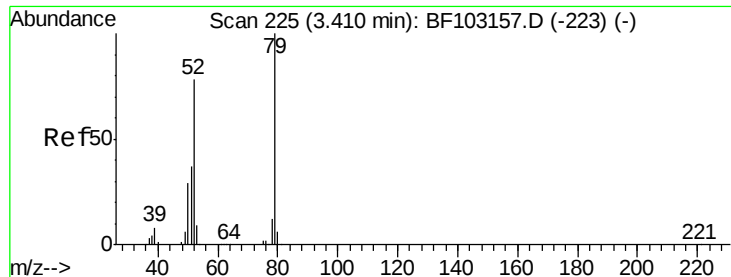


#2

1,4-Dioxane
Concen: 18.26 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	62.6	93.8
43	34.3	24.6	37.0





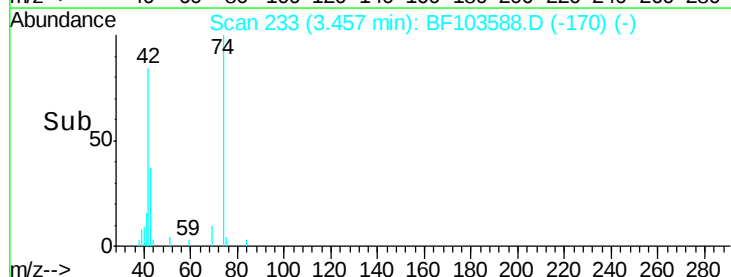
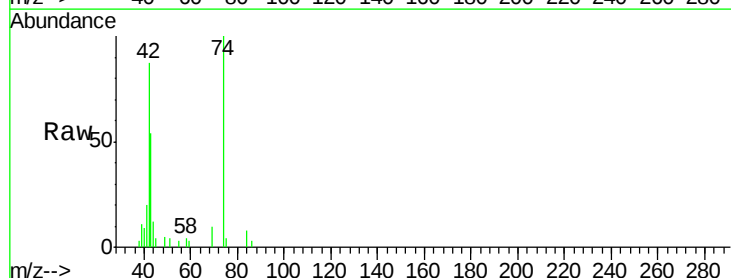
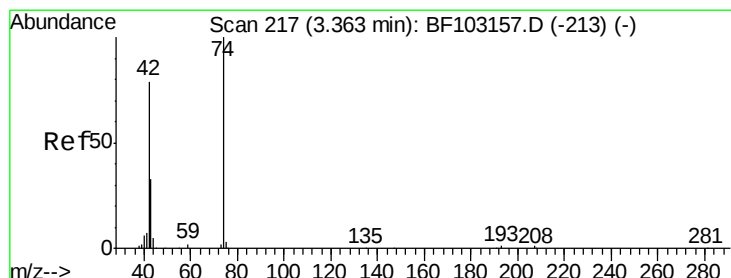
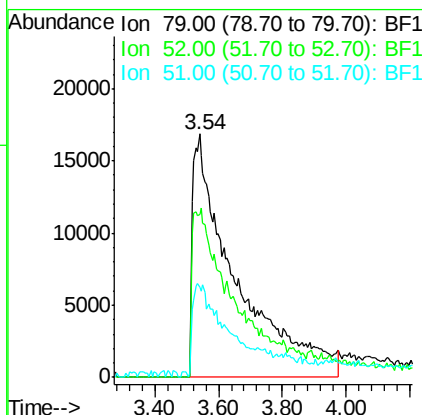
#3
 Pvridine
 Concen: 14.76 ng/ml
 RT: 3.54 min Scan# 247
 Delta R.T. 0.11 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tot Ion:	79	Resp:	157925
Ion Ratio	Lower	Upper	
79	100		
52	67.1	59.8	89.6
51	37.1	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

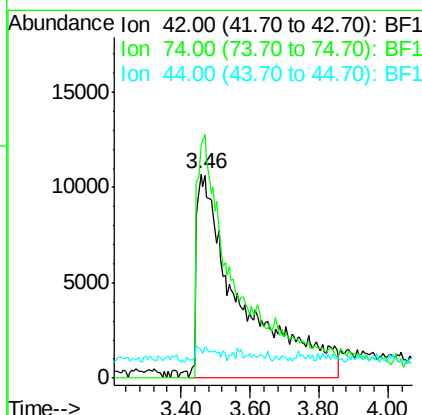
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#4
 n-Nitrosodimethylamine
 Concen: 22.23 ng/ml
 RT: 3.46 min Scan# 233
 Delta R.T. 0.07 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:	42	Resp:	95884
Ion Ratio	Lower	Upper	
42	100		
74	114.5	104.9	157.3
44	14.2	6.9	10.3#





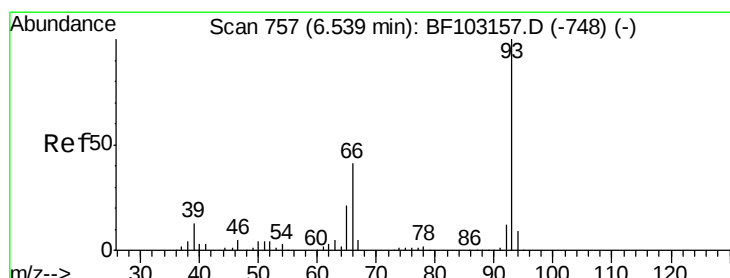
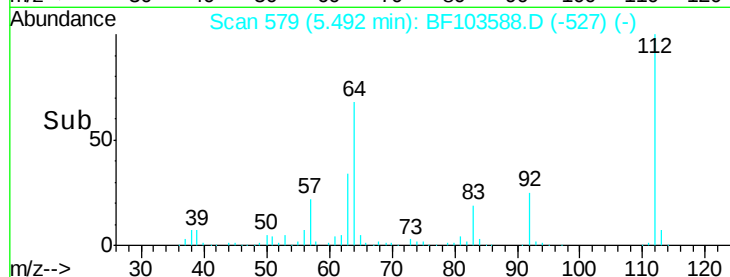
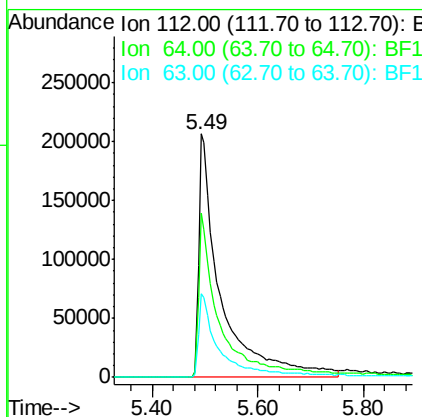
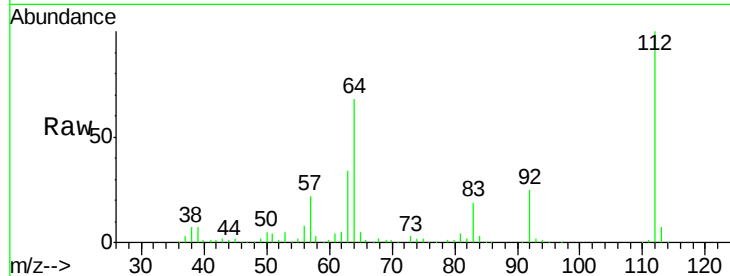
#5
2-Fluorophenol
Concen: 79.22 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	600938		
64	67.6	47.9	71.9	
63	34.5	23.7	35.5	

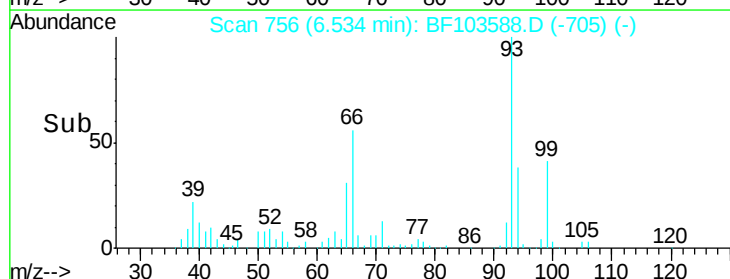
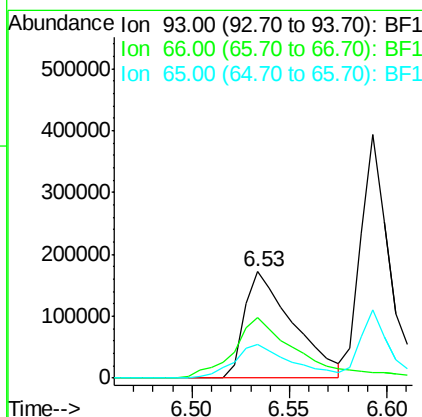
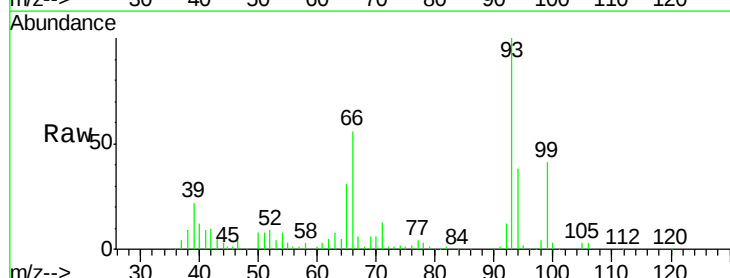
Manual Integrations
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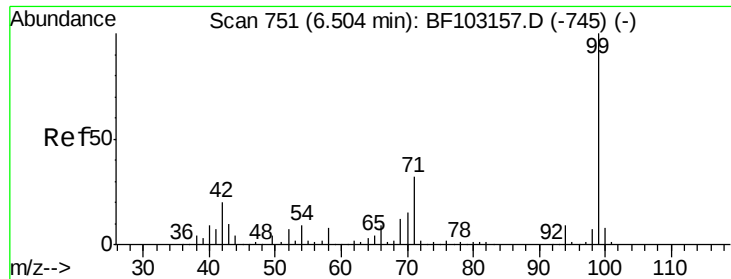
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#6
Aniline
Concen: 22.22 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	297638		
66	56.3	32.2	48.2#	
65	31.4	16.4	24.6#	





#7

Phenol-d6

Concen: 52.00 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

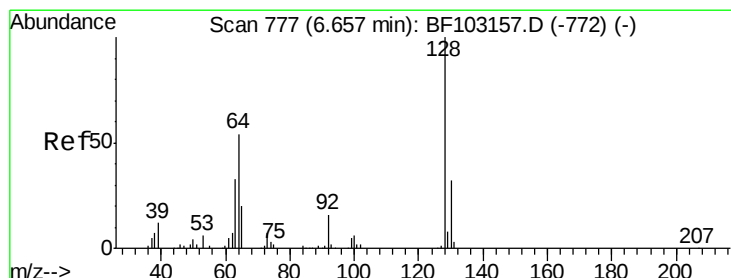
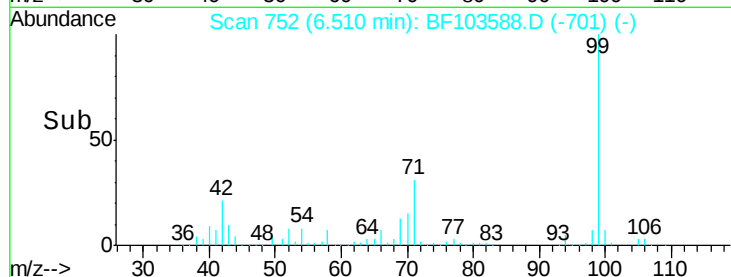
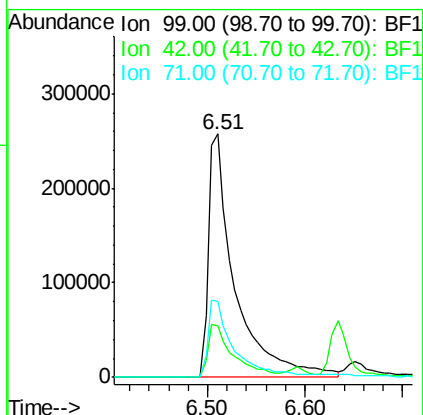
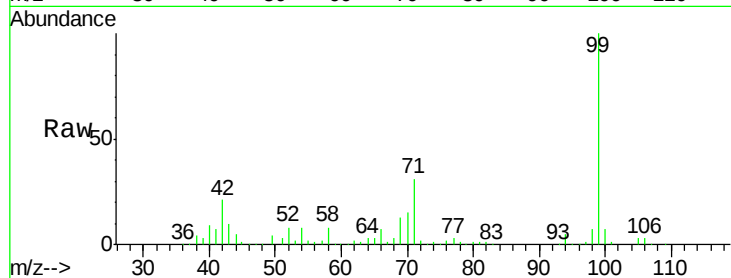
ClientSampleId :

J1867-09MSDMSD

Tot Ion:	99	Resp:	482628
Ion Ratio	Lower	Upper	
99	100		
42	21.1	14.5	21.7
71	31.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 43.94 ng

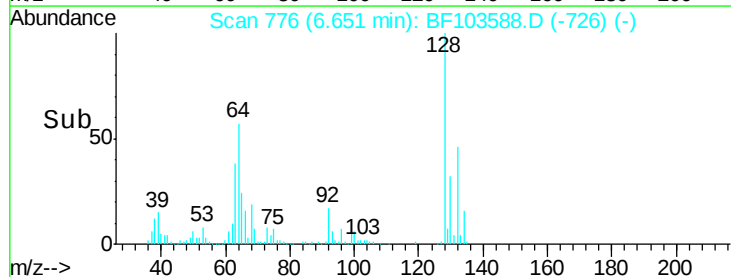
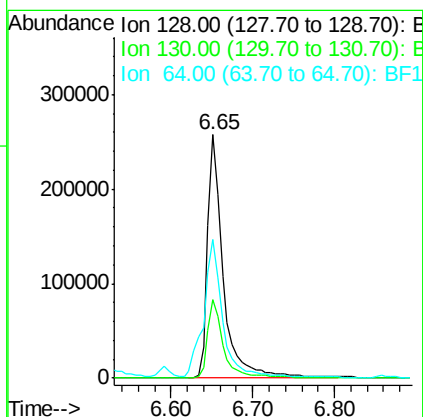
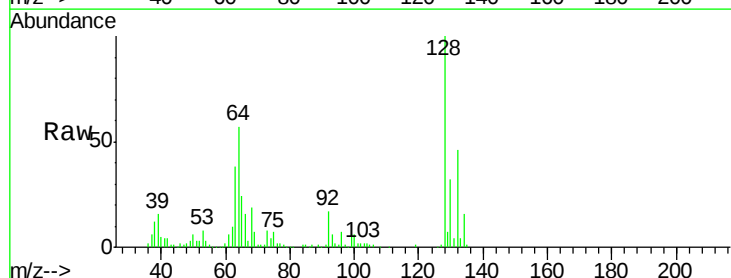
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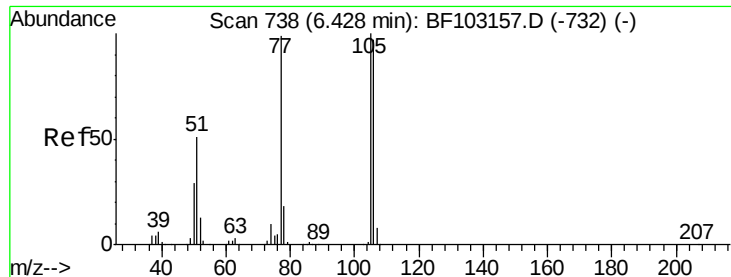
Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:	128	Resp:	346222
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	57.0	29.4	69.4





#9

Benzaldehyde

Concen: 44.60 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

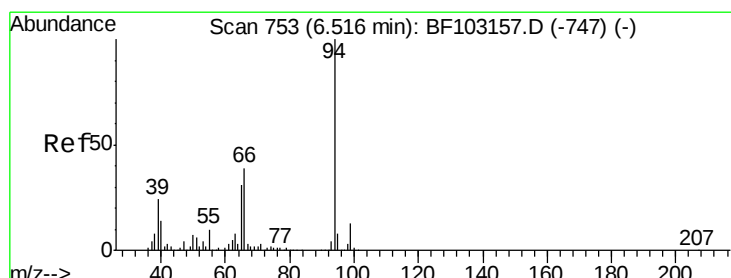
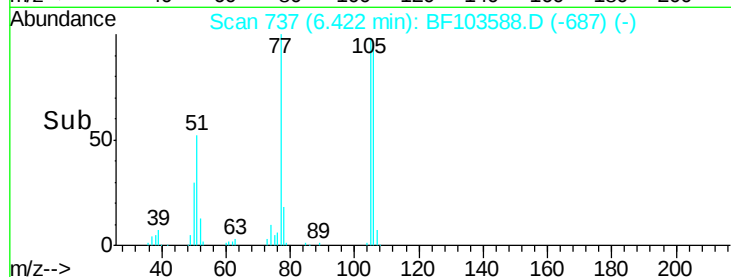
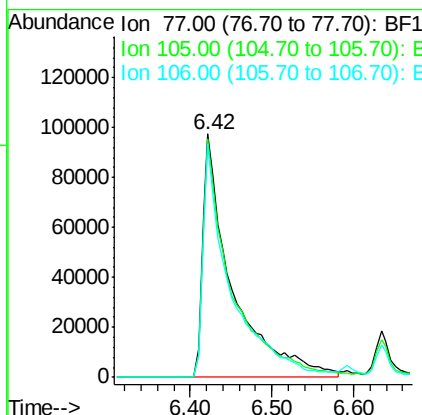
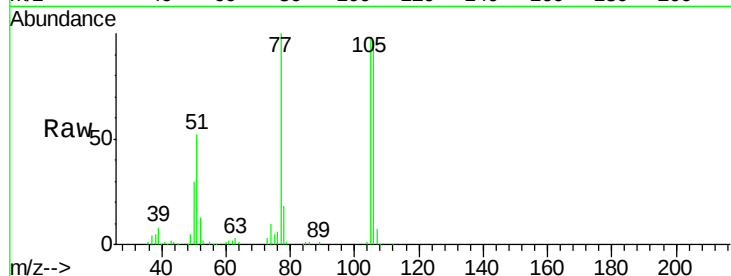
ClientSampleId :

J1867-09MSDMSD

Tot Ion:	77	Resp:	243158
Ion Ratio	Lower	Upper	
77	100		
105	98.0	81.1	121.1
106	95.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 16.49 ng

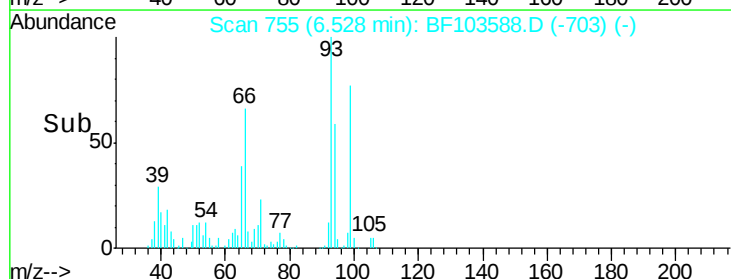
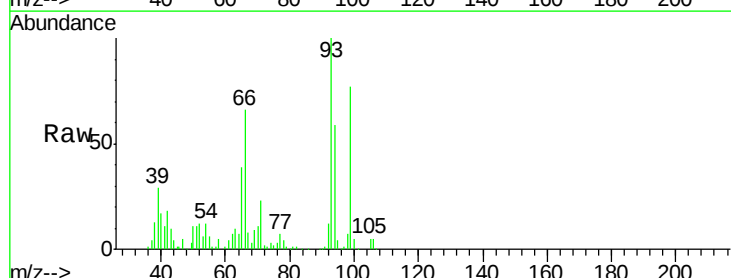
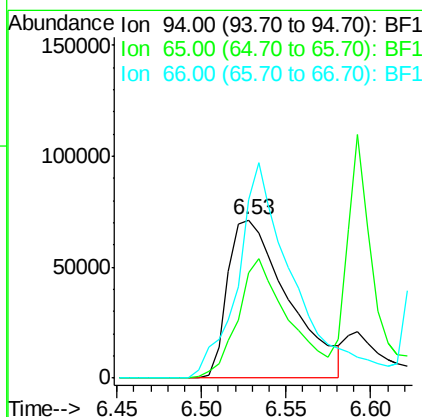
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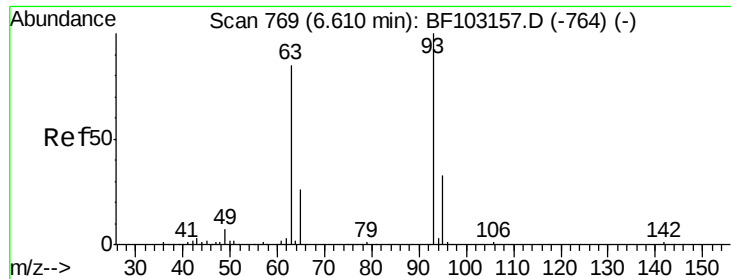
Delta R.T. 0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:	94	Resp:	177686
Ion Ratio	Lower	Upper	
94	100		
65	66.6	7.9	47.9#
66	113.0	16.2	56.2#





#11

bis(2-Chloroethyl)ether

Concen: 47.04 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

J1867-09MSDMSD

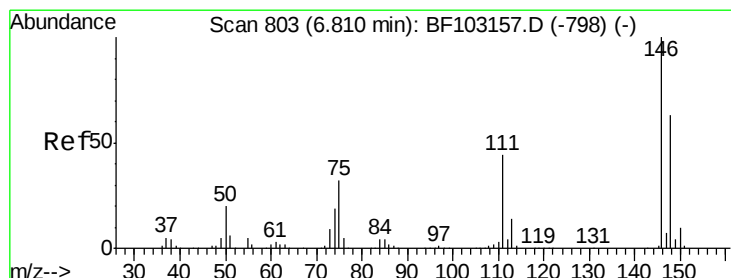
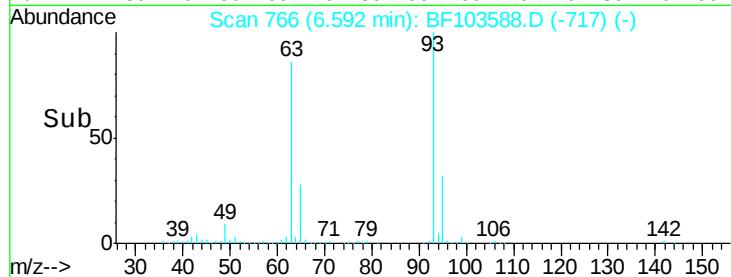
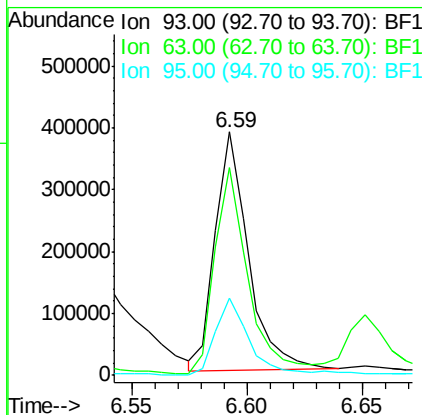
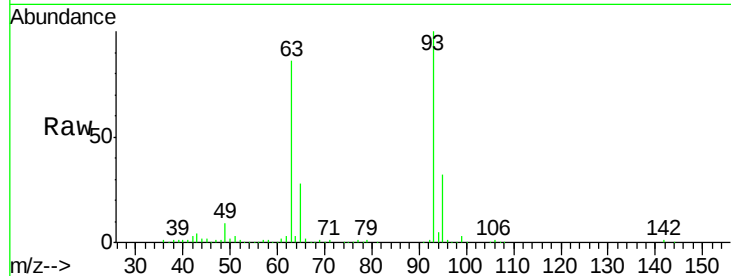
Tot Ion: 93 Resp: 384725

Ion	Ratio	Lower	Upper
93	100		
63	85.6	58.6	98.6
95	31.9	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.18 ng

RT: 6.80 min Scan# 801

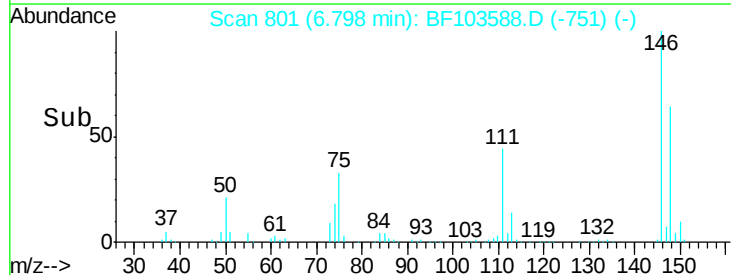
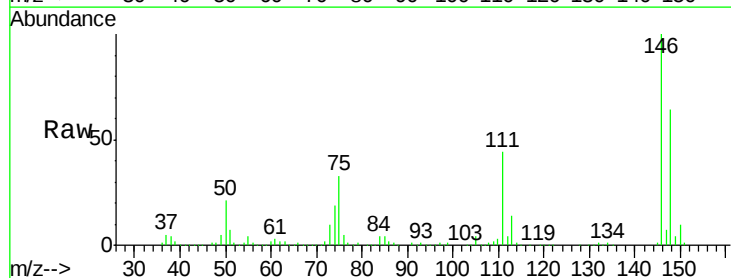
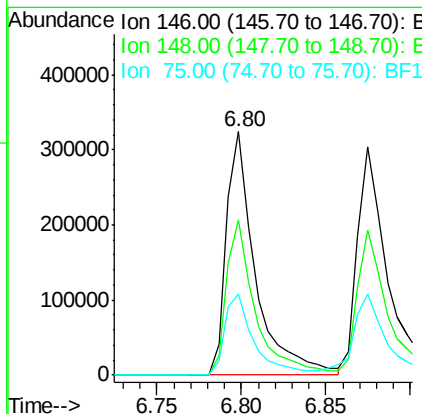
Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion: 146 Resp: 388830

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	33.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 45.44 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

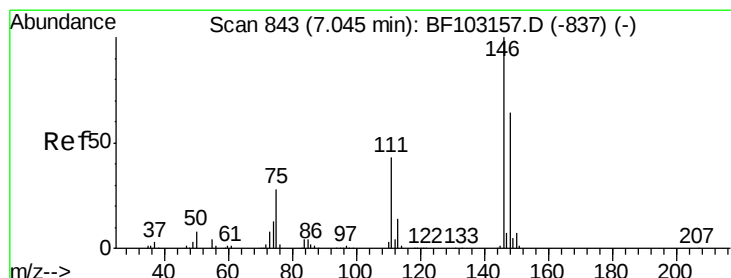
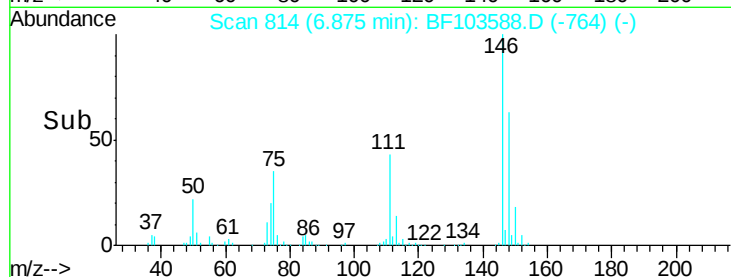
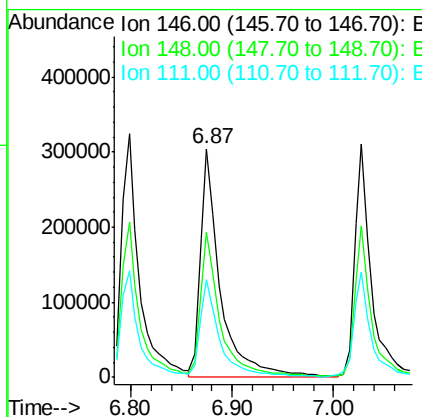
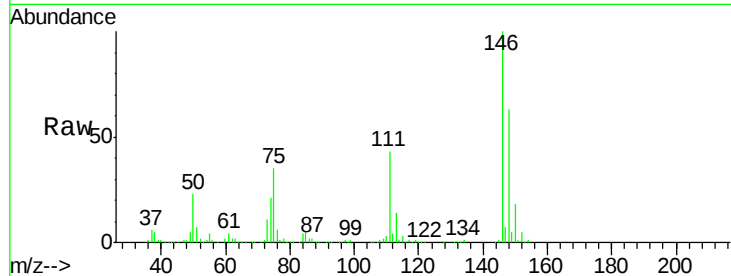
ClientSampleId :

J1867-09MSDMSD

Tot Ion:	146	Resp:	410285
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
111	42.6	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.45 ng

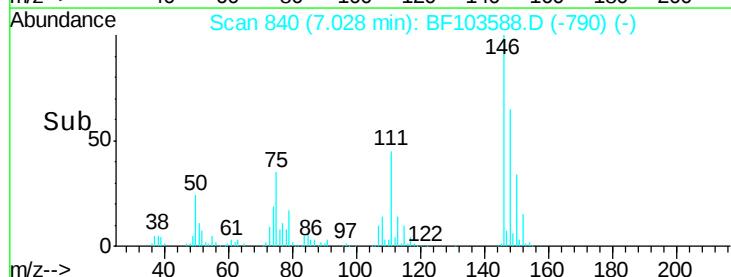
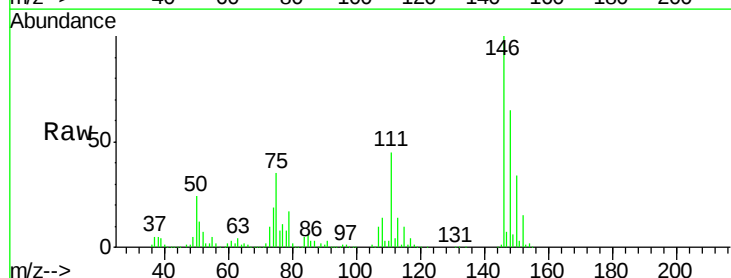
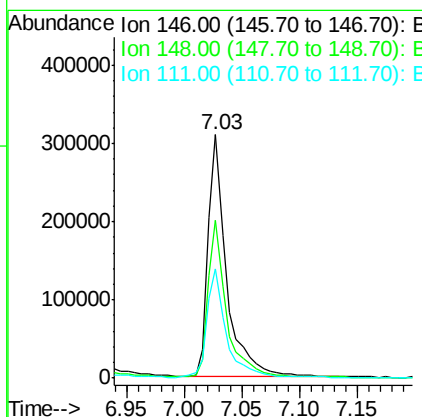
RT: 7.03 min Scan# 840

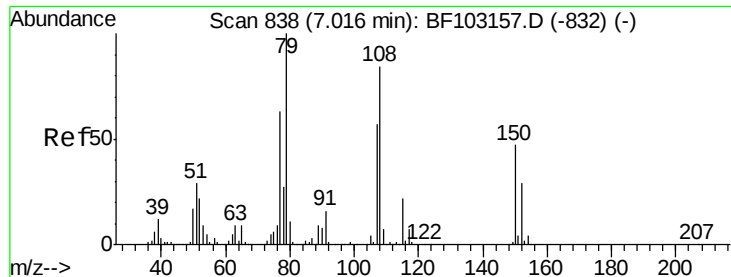
Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:	146	Resp:	345062
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	75.8
111	44.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 30.36 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

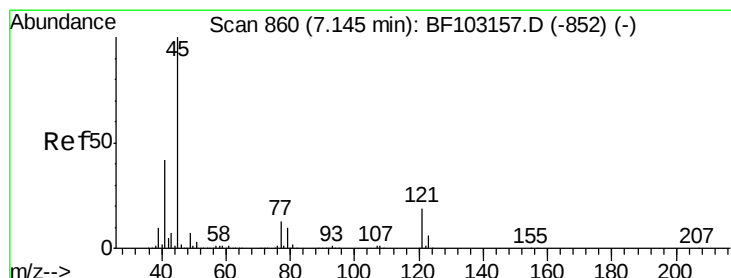
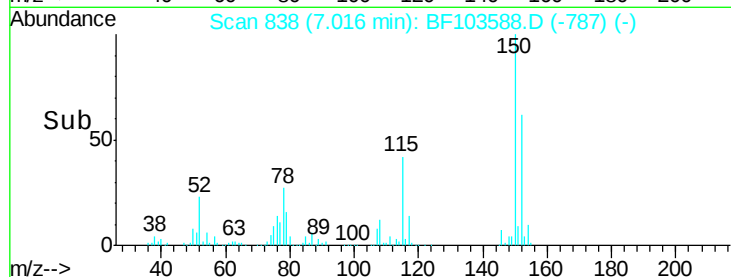
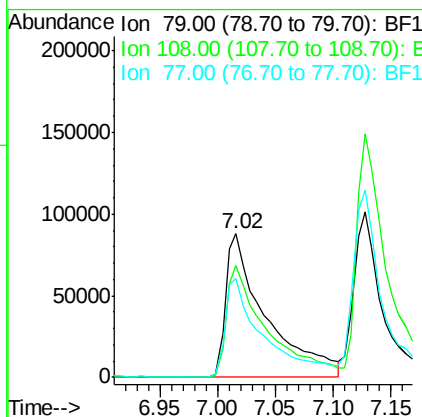
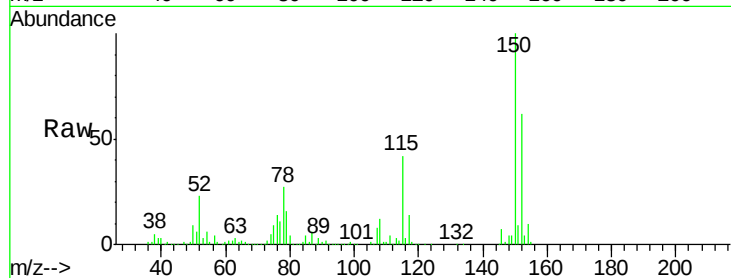
ClientSampleId :

J1867-09MSDMSD

Tot Ion:	79	Resp:	212377
Ion Ratio	Lower	Upper	
79	100		
108	78.1	65.1	97.7
77	69.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.02 ng

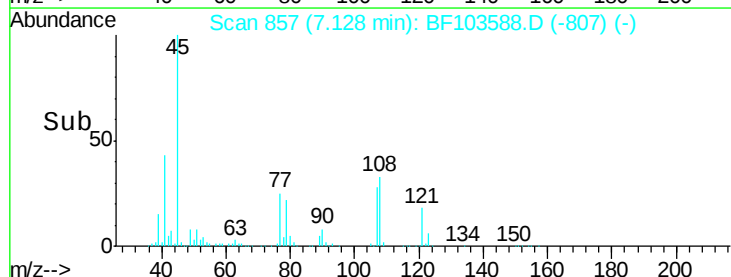
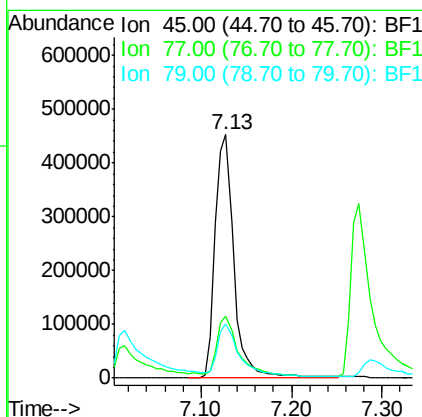
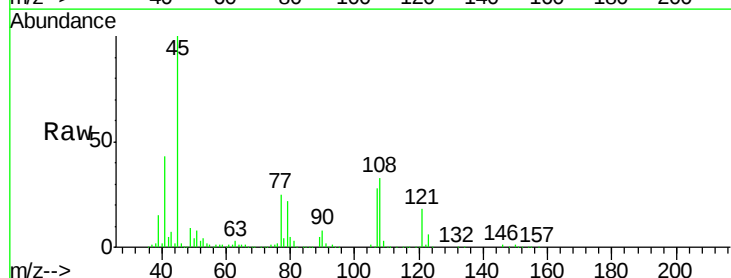
RT: 7.13 min Scan# 857

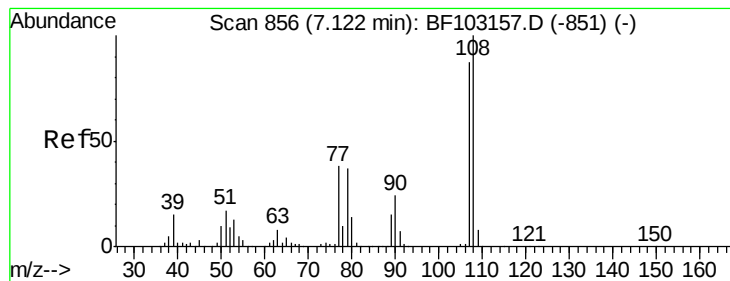
Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:	45	Resp:	646335
Ion Ratio	Lower	Upper	
45	100		
77	25.3	0.0	32.9
79	22.3	0.0	29.6





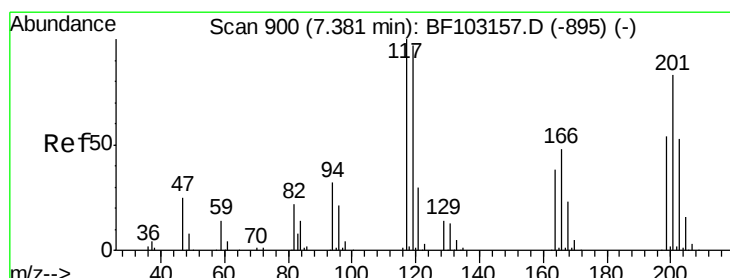
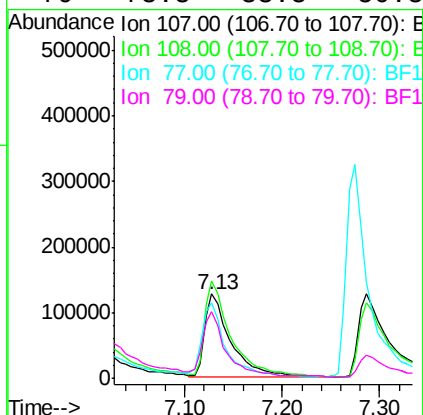
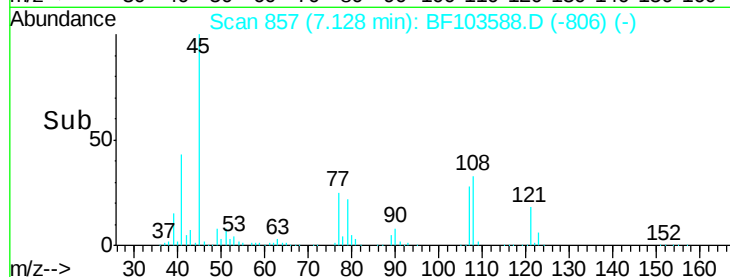
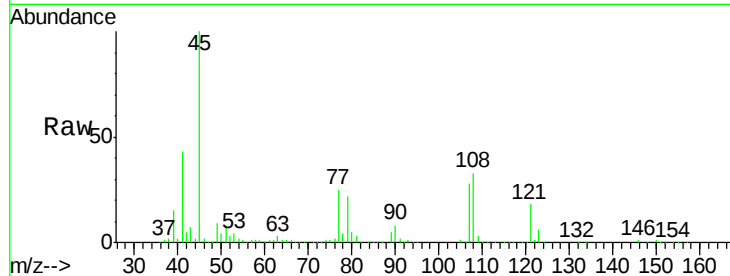
#17
2-Methylphenol
Concen: 33.17 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.4	91.7	137.5
77	89.4	33.8	50.8#
79	78.8	33.8	50.8#

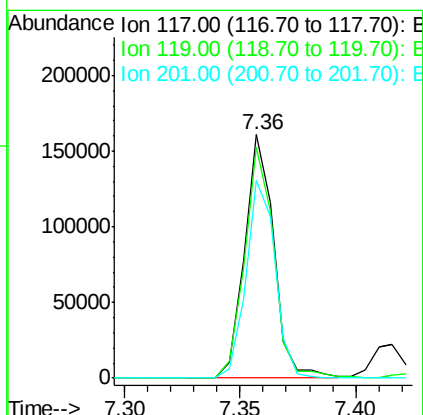
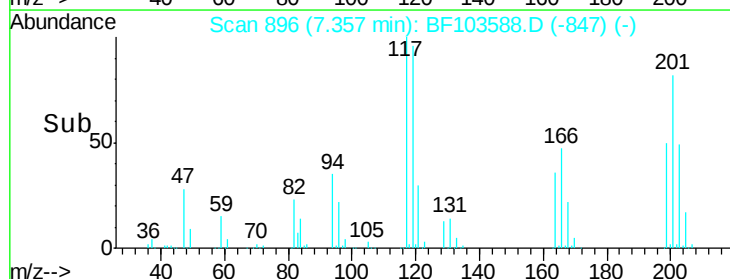
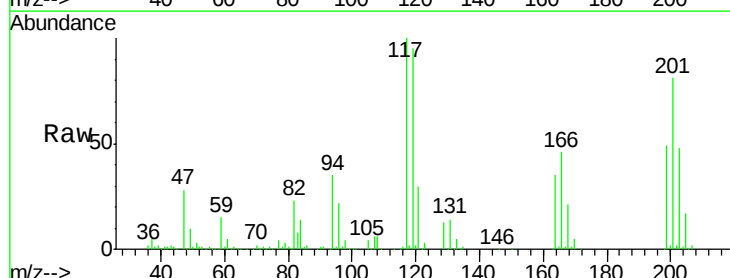
Manual Integrations
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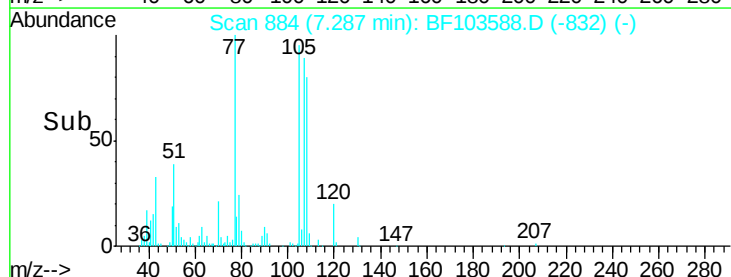
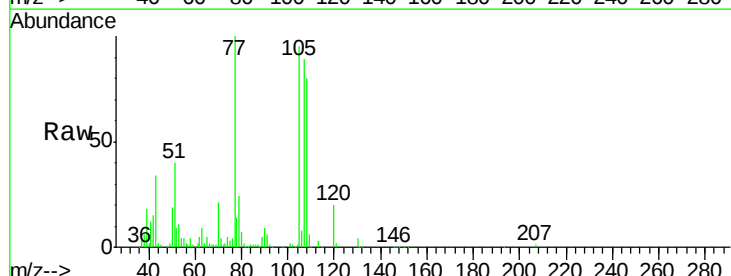
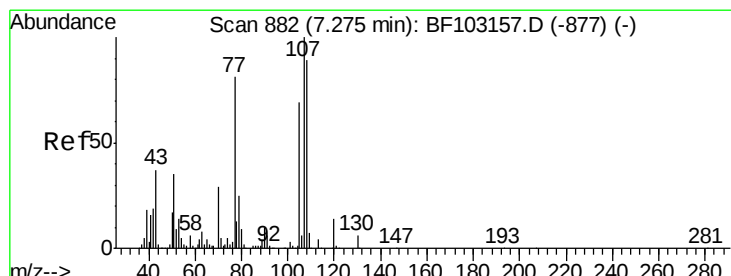
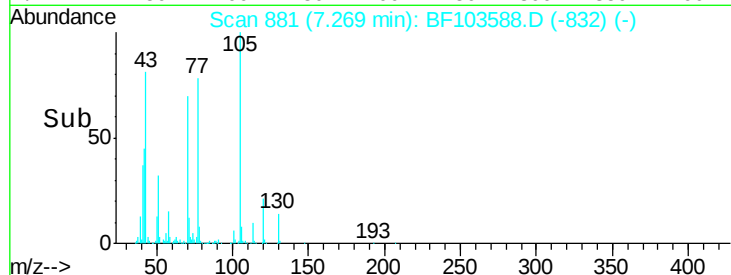
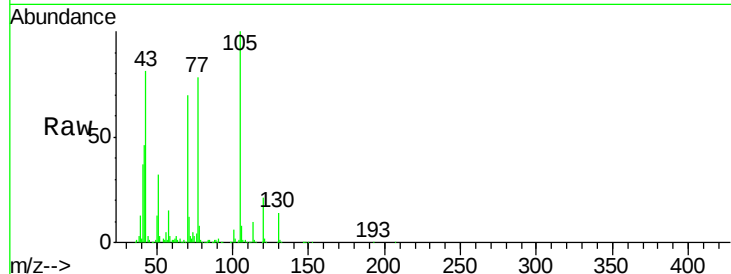
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#18
Hexachloroethane
Concen: 43.36 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

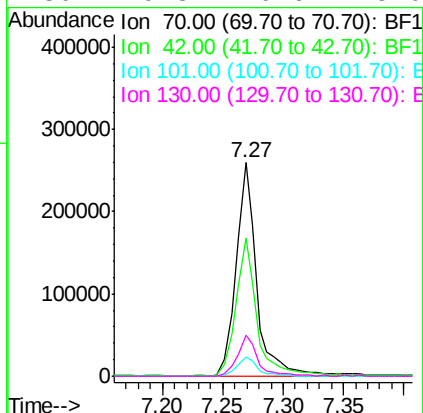
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	81.2	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 53.78 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	8.9	7.4	11.2
130	19.3	16.6	25.0



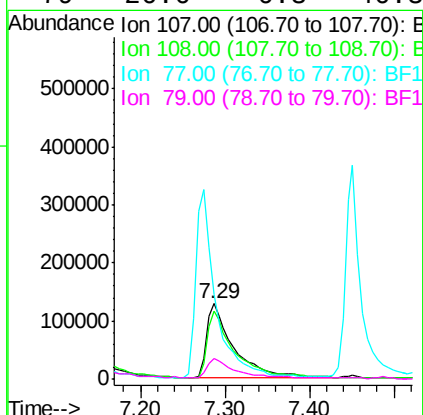
Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

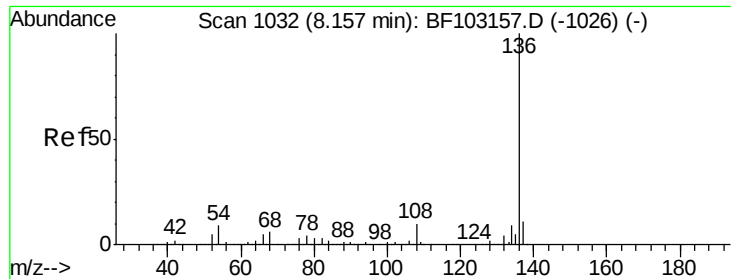
Manual Integrations
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#20
3+4-Methylphenols
Concen: 33.05 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	112.3	26.7	66.7#
79	26.6	6.3	46.3





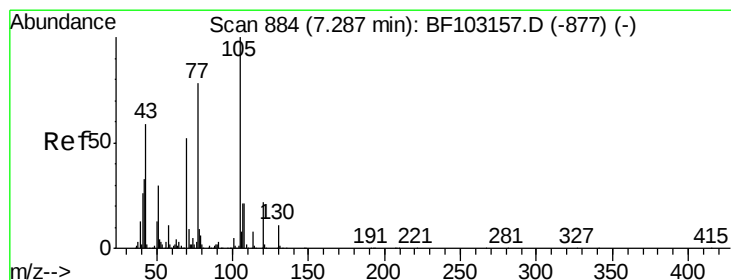
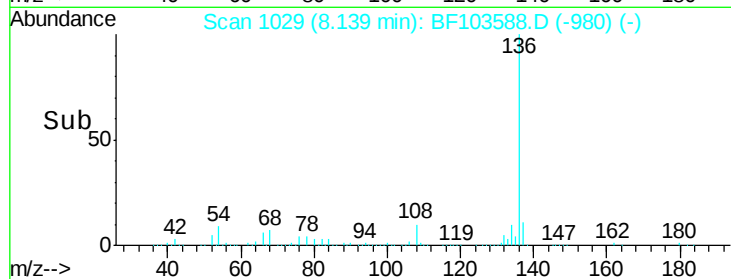
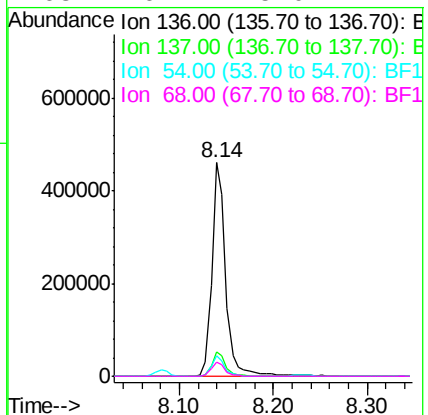
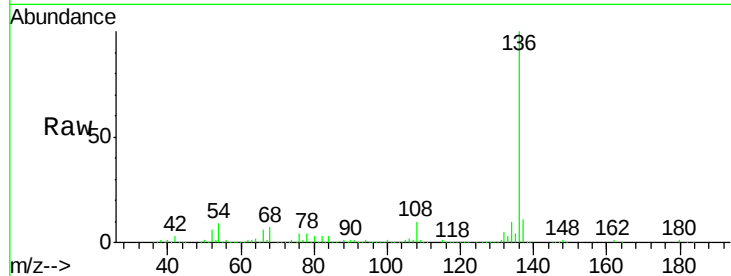
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		481244		
137	11.2		8.9	13.3	
54	9.4		6.6	9.8	
68	6.7		5.0	7.4	

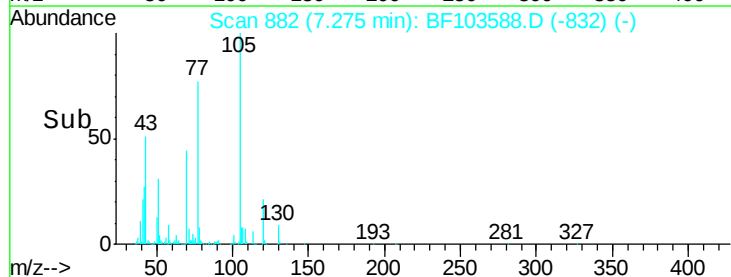
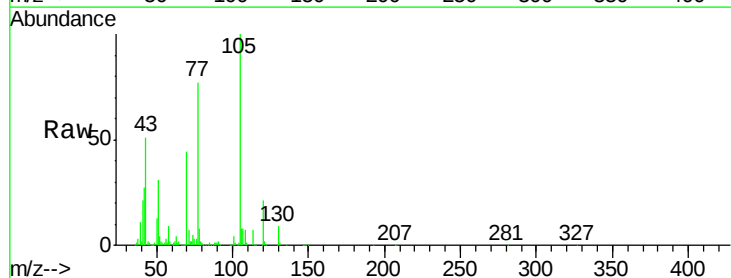
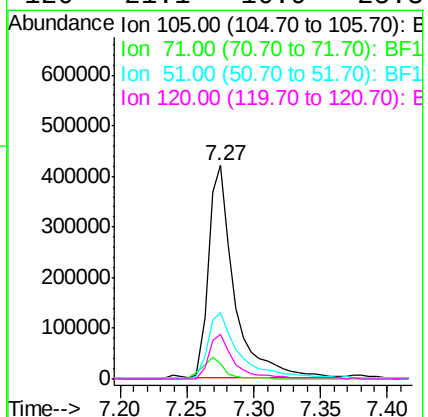
Manual Integrations
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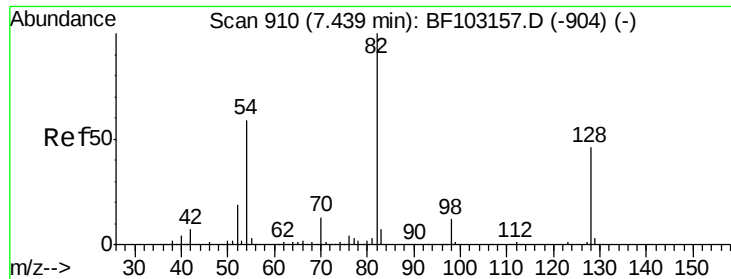
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#22
Acetophenone
Concen: 50.52 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		567485		
71	7.2		4.4	6.6#	
51	31.4		22.3	33.5	
120	21.1		16.9	25.3	





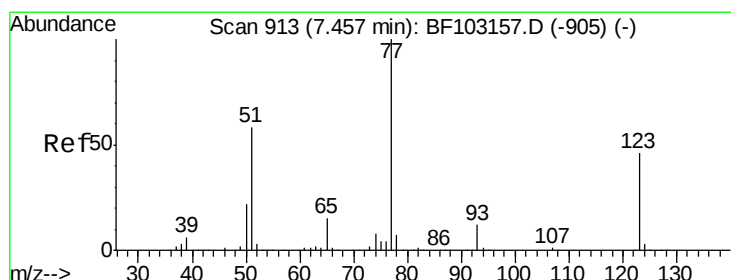
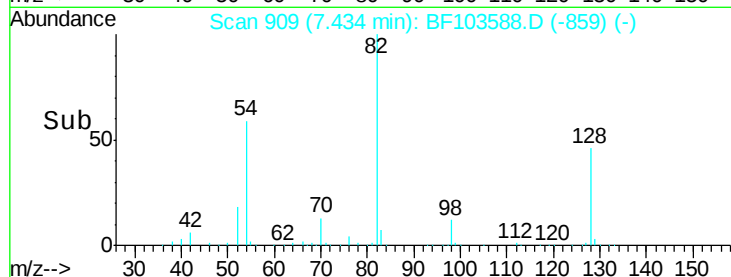
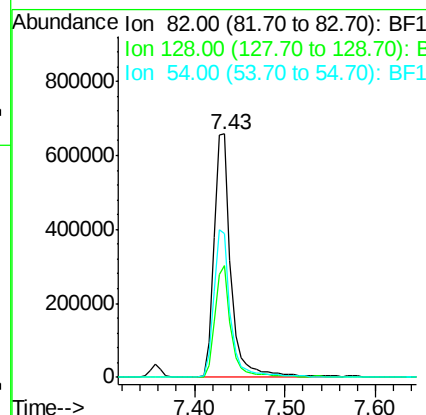
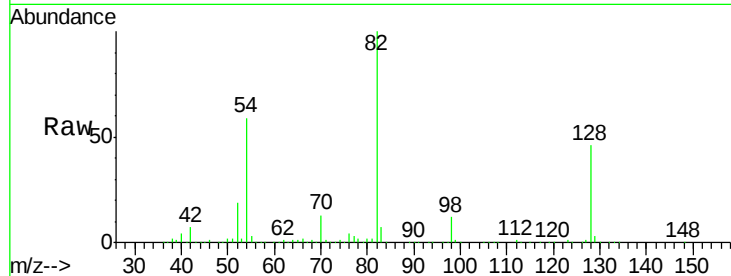
#23
Nitrobenzene-d5
Concen: 103.18 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	59.1	41.4	62.2

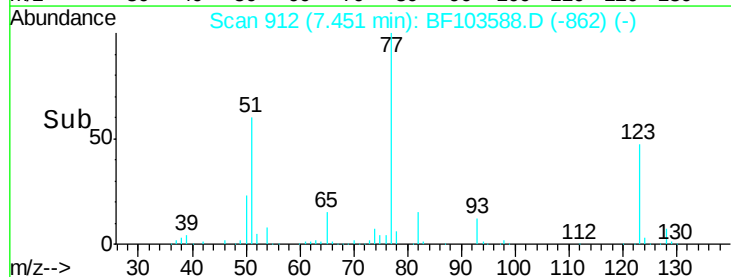
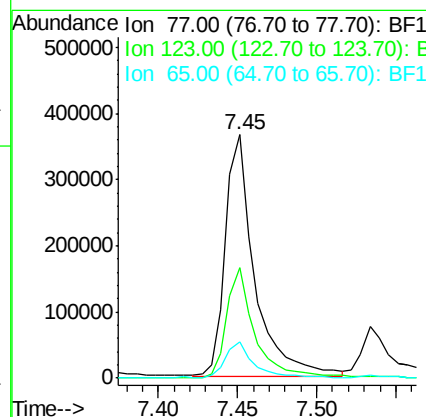
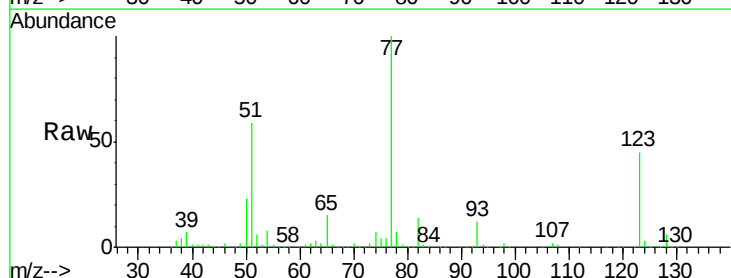
Manual Integrations
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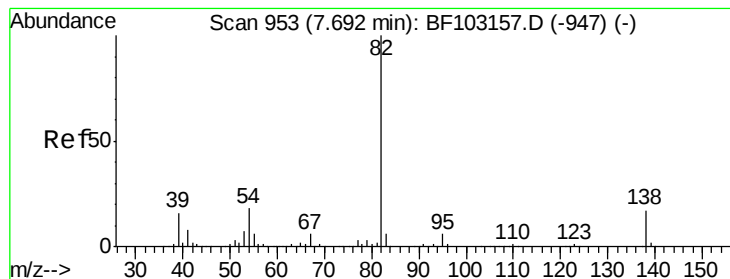
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#24
Nitrobenzene
Concen: 50.67 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 51.04 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

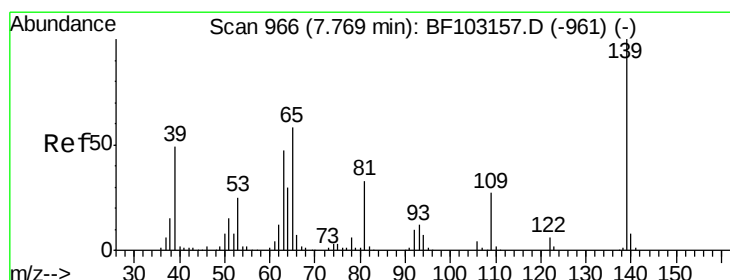
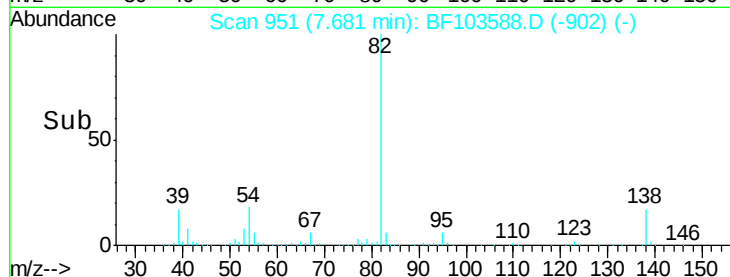
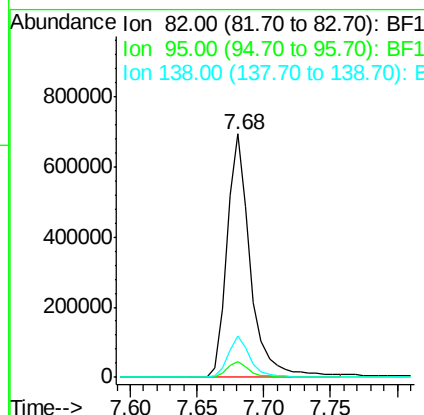
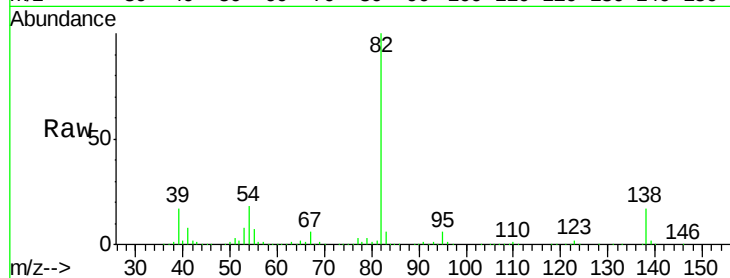
ClientSampleId :

J1867-09MSDMSD

Tot Ion:	82	Resp:	847115
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	17.0	14.9	22.3

Manual Integrations
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3/13/2018 4:15:46 PM



#26

2-Nitrophenol

Concen: 51.11 ng

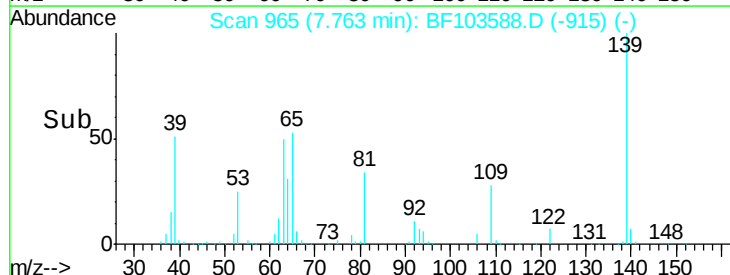
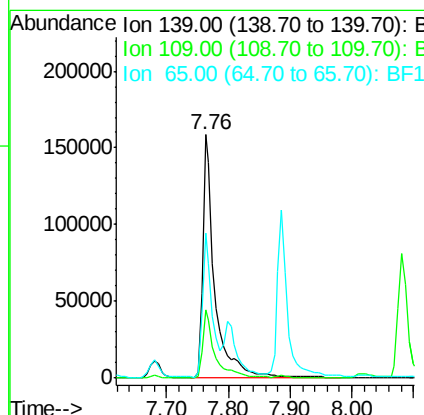
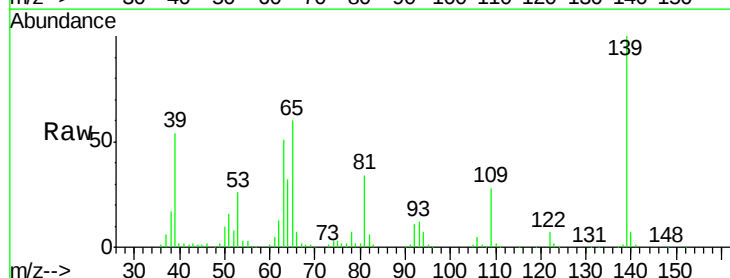
RT: 7.76 min Scan# 965

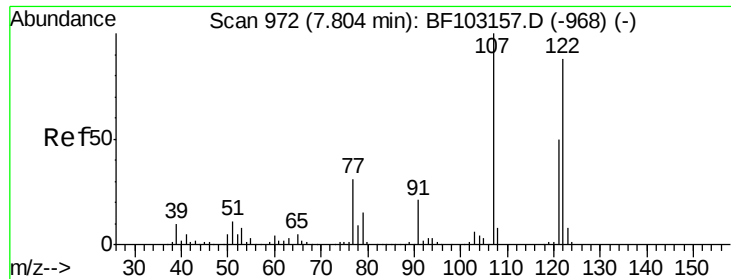
Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:	139	Resp:	223248
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.7	34.1
65	59.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 49.77 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

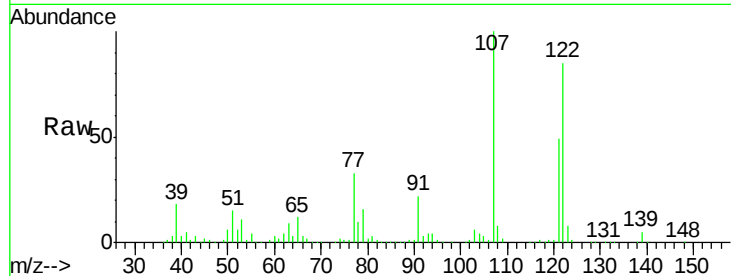
ClientSampleId :

J1867-09MSDMSD

Tot Ion:	122	Resp:	332269
Ion Ratio	Lower	Upper	
122	100		
107	117.7	91.2	136.8
121	57.9	47.2	70.8

Manual Integrations
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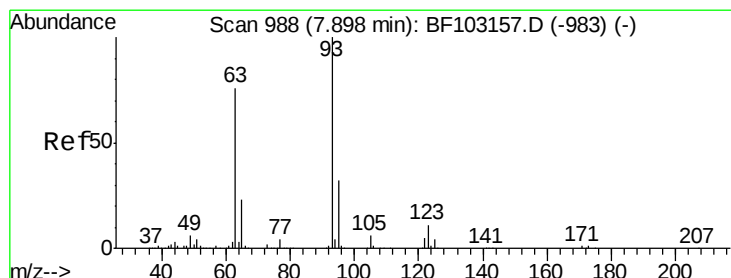
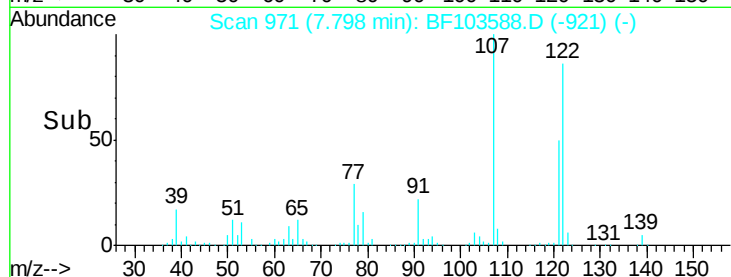
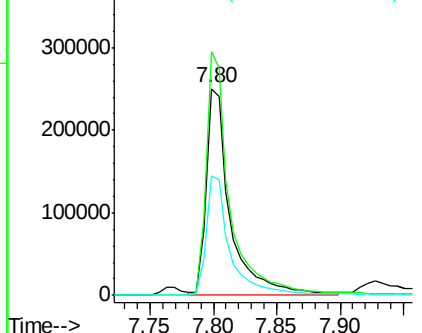
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.71 ng

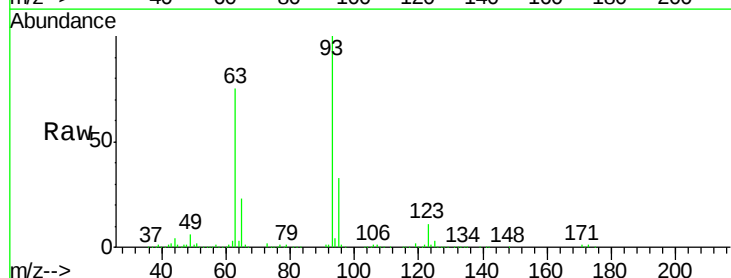
RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

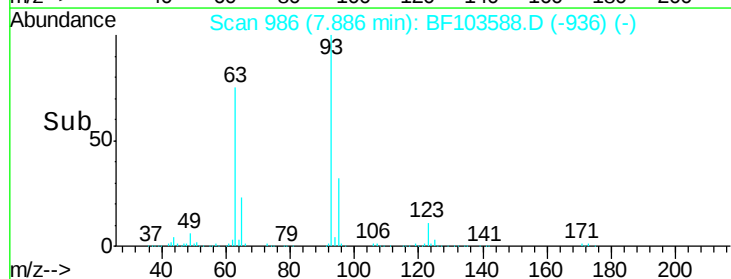
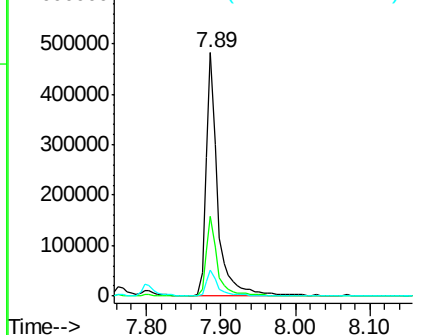
Tgt Ion:	93	Resp:	514337
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	10.9	9.8	14.6

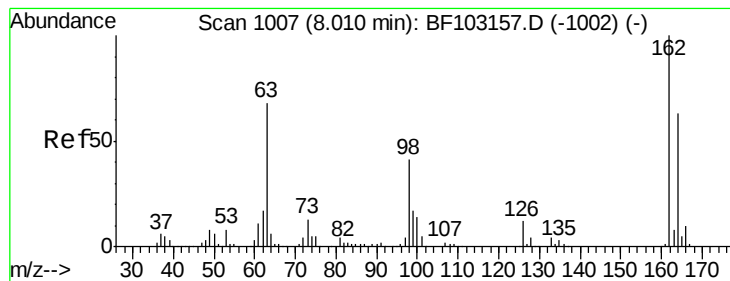


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.35 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

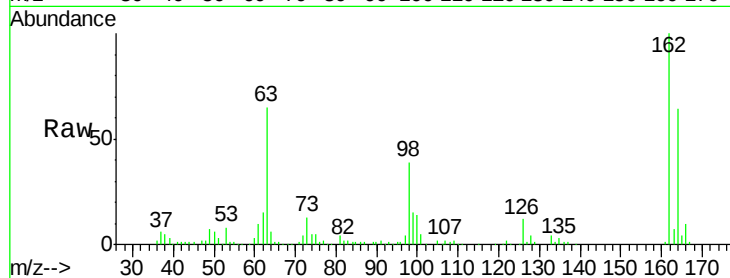
ClientSampleId :

J1867-09MSDMSD

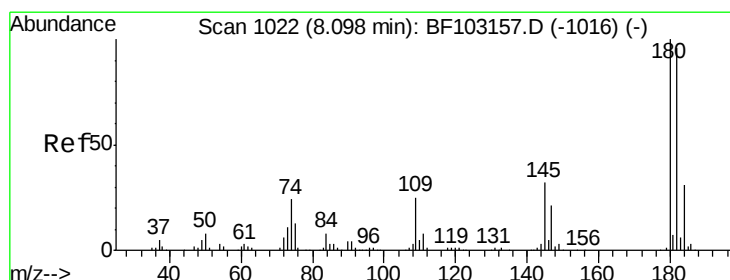
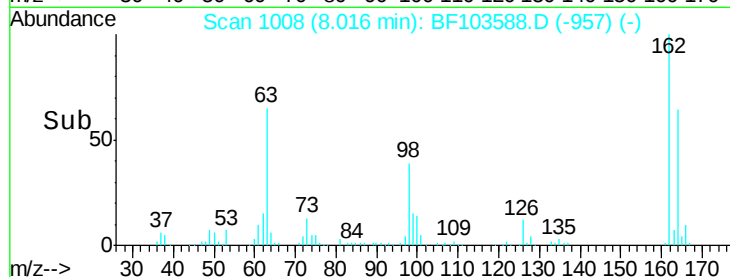
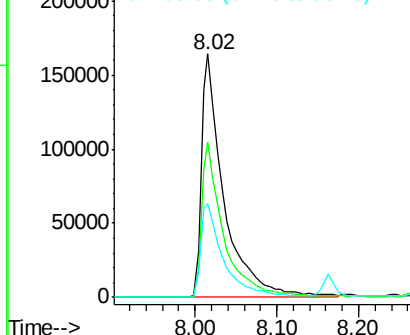
Tot Ion:	162	Resp:	315446
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	38.7	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 44.30 ng

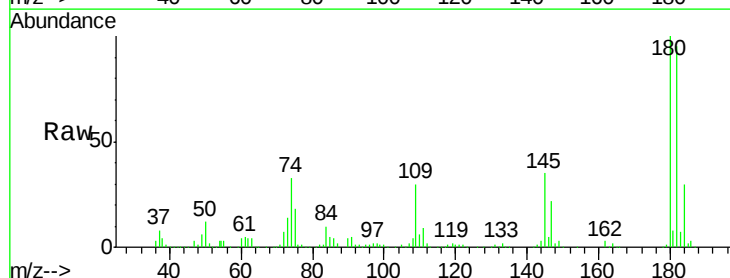
RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

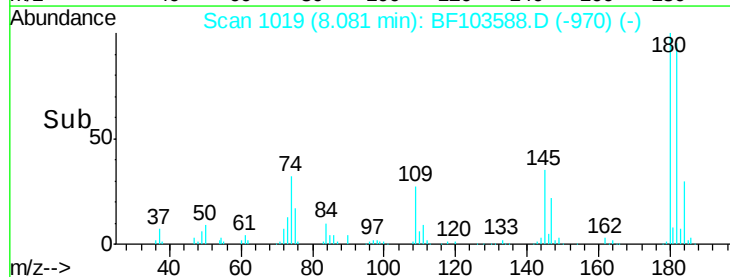
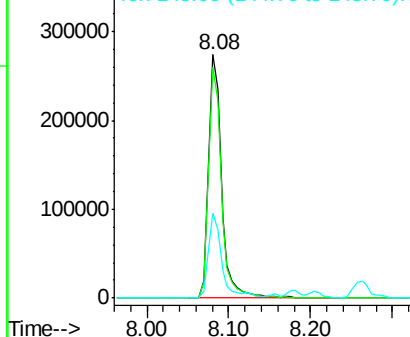
Lab File: BF103588.D

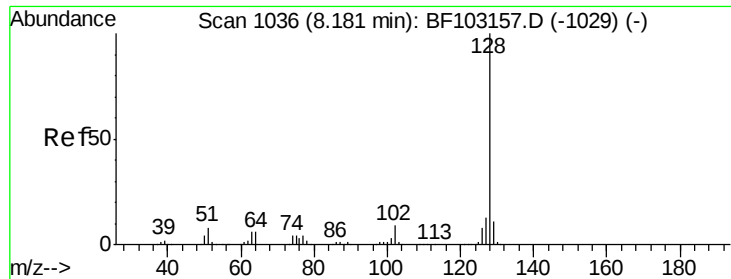
Acq: 12 Mar 2018 18:08

Tgt Ion:	180	Resp:	301561
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.8	115.2
145	34.9	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





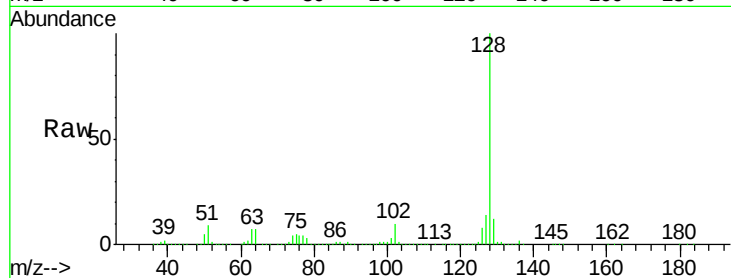
#31
Naphthalene
Concen: 47.45 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

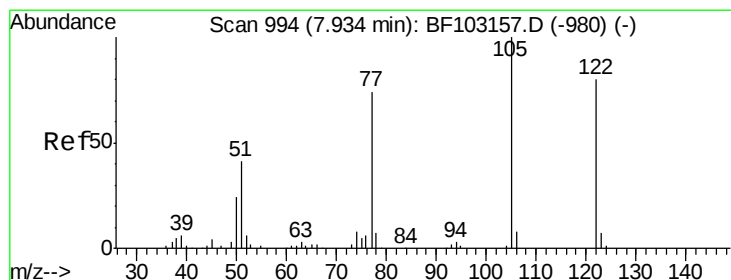
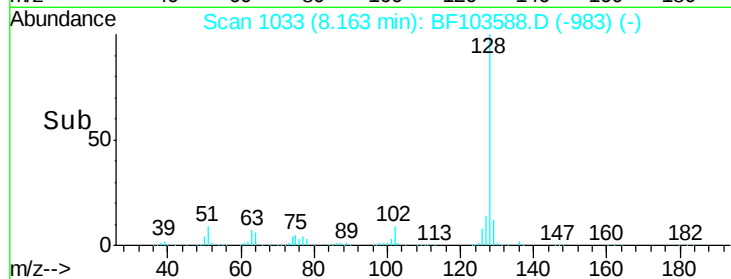
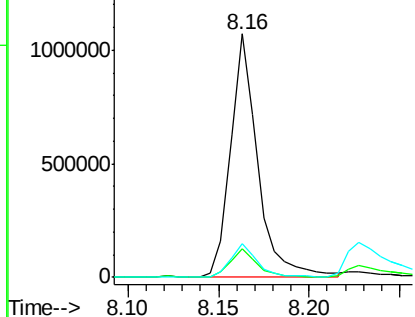
Tot Ion:128 Resp: 1117880
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.6 10.9 16.3

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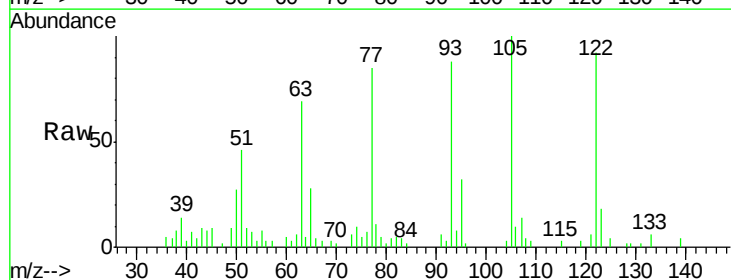


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

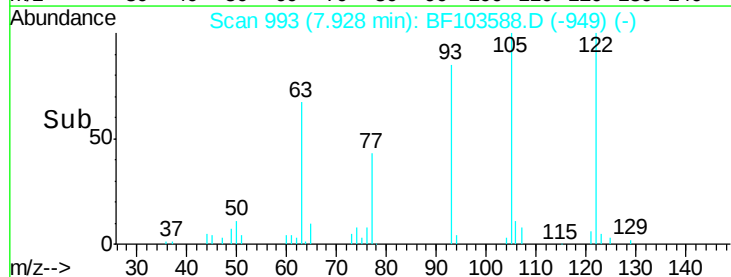
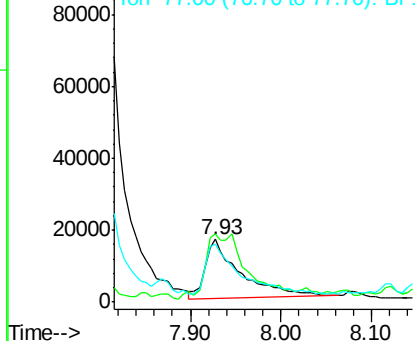


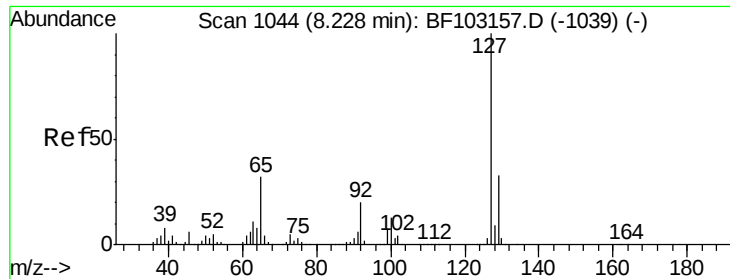
#32
Benzoic acid
Concen: 14.67 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.04 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:122 Resp: 44857
Ion Ratio Lower Upper
122 100
105 109.0 101.1 141.1
77 92.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





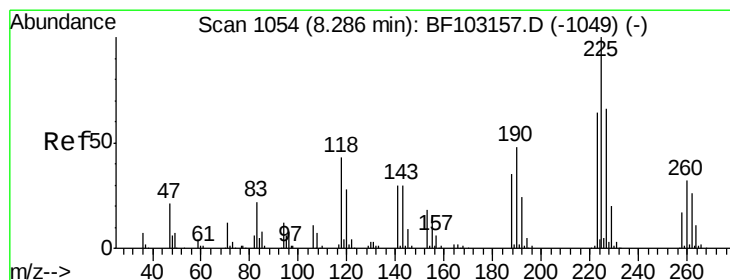
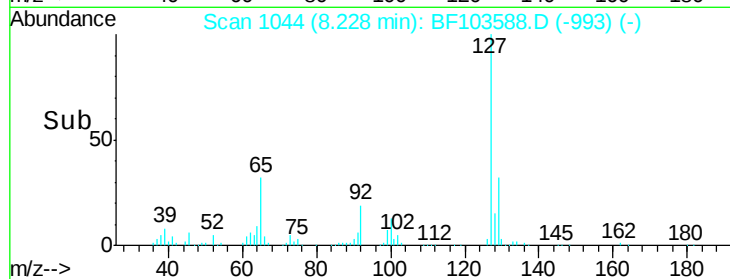
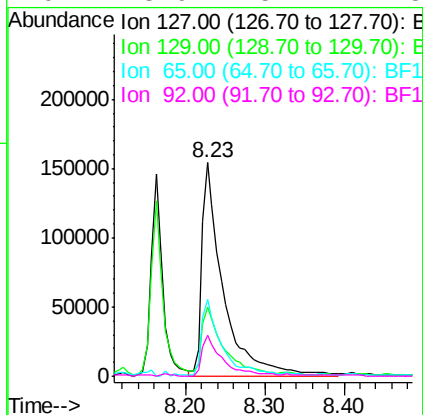
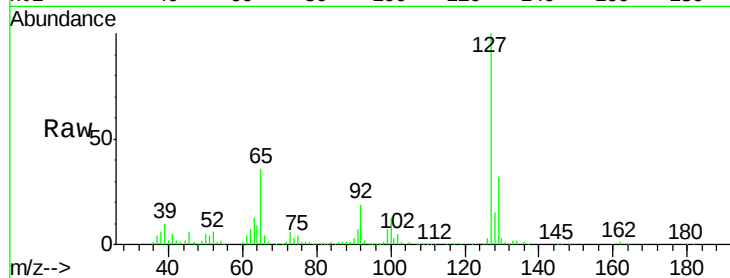
#33
 4-Chloroaniline
 Concen: 28.43 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		289093		
129	32.4		25.9	38.9	
65	35.7		25.0	37.4	
92	18.9		15.2	22.8	

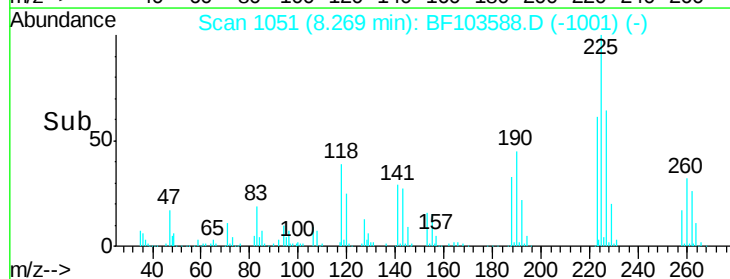
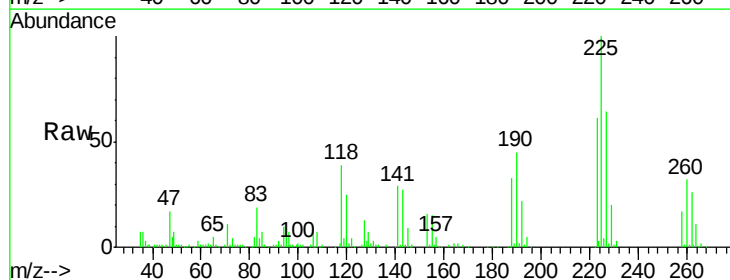
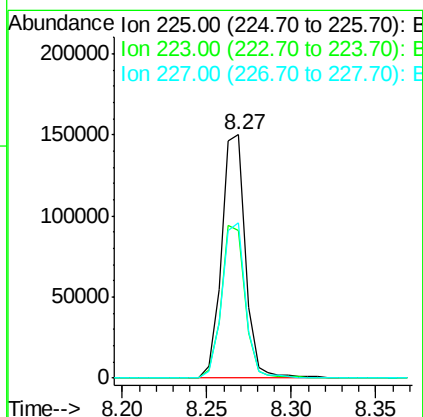
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#34
 Hexachlorobutadiene
 Concen: 41.83 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		148269		
223	60.9		50.6	76.0	
227	63.8		51.9	77.9	





#35

Caprolactam

Concen: 23.08 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

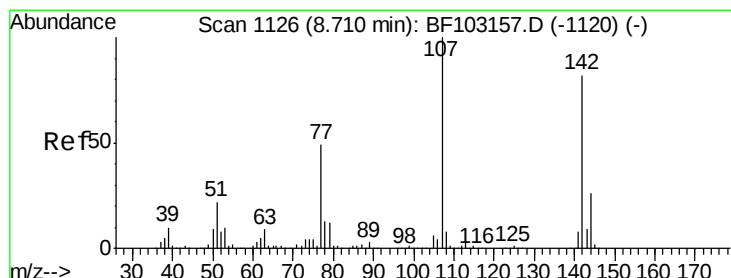
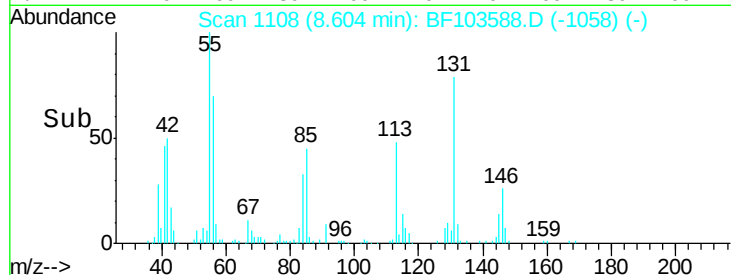
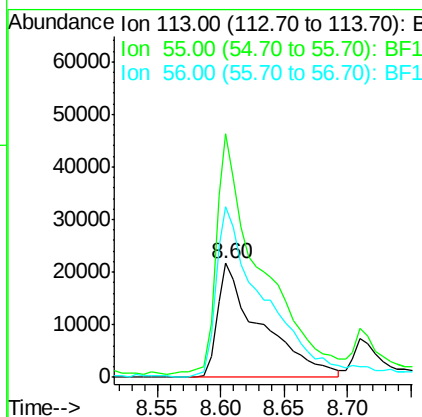
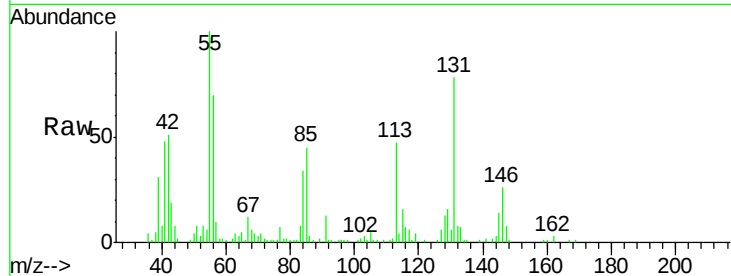
ClientSampleId :

J1867-09MSDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	213.5	163.3	203.3#		
56	149.3	115.7	155.7		

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#36

4-Chloro-3-methylphenol

Concen: 47.83 ng

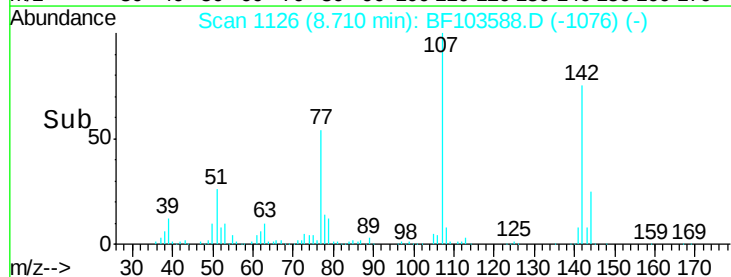
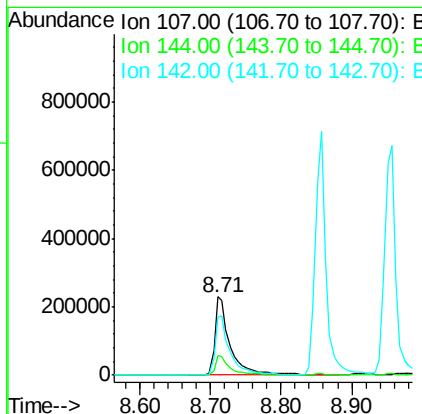
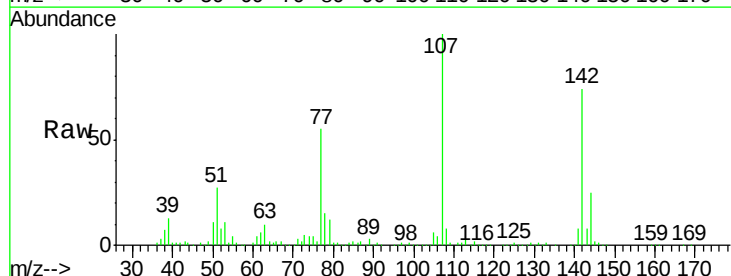
RT: 8.71 min Scan# 1126

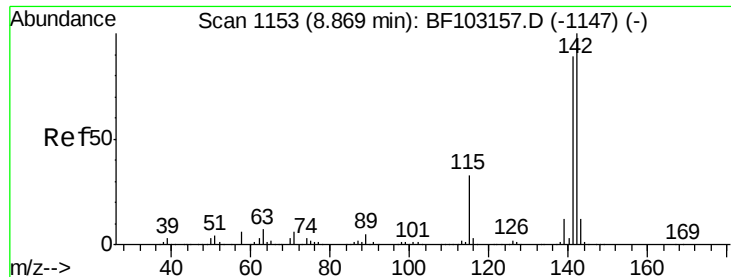
Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.6	20.5	30.7		
142	74.4	62.0	93.0		





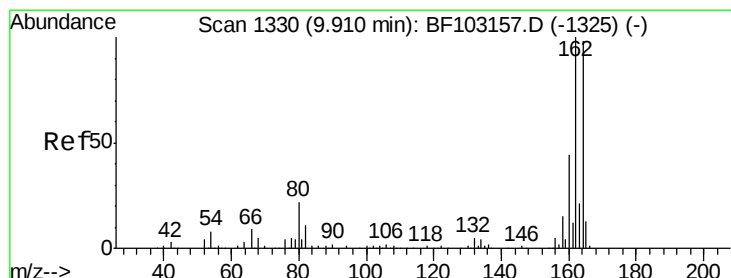
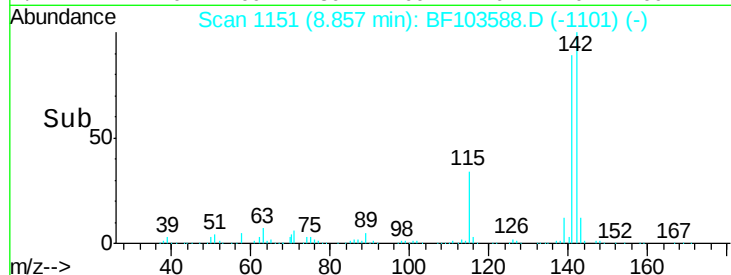
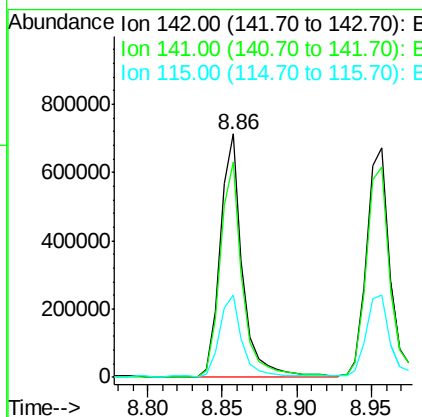
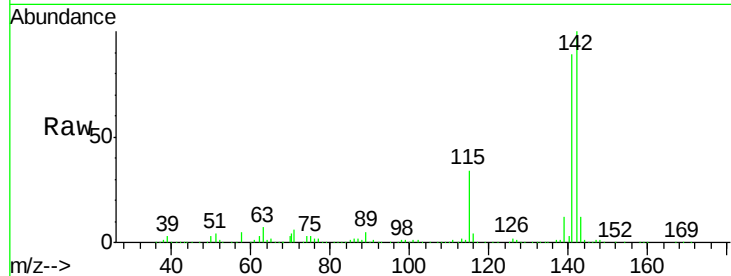
#37
 2-Methylnaphthalene
 Concen: 49.42 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	33.9	26.1	39.1

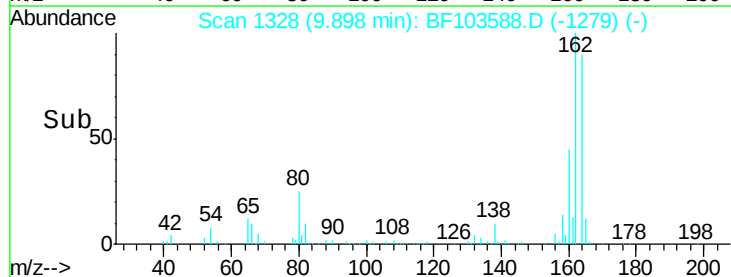
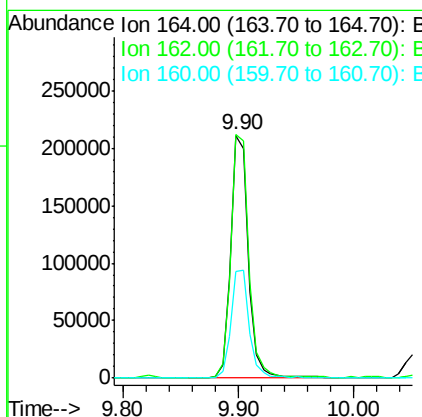
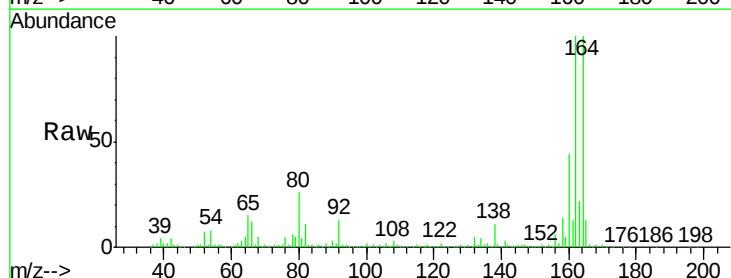
Manual Integrations
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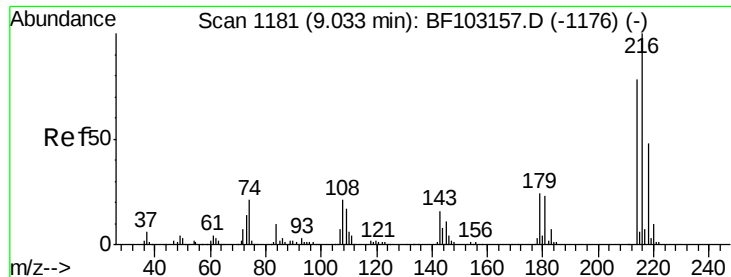
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	44.2	38.3	57.5





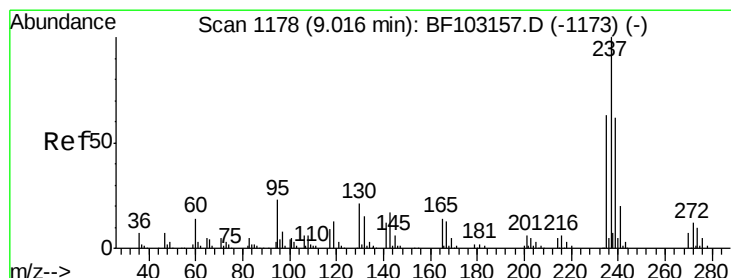
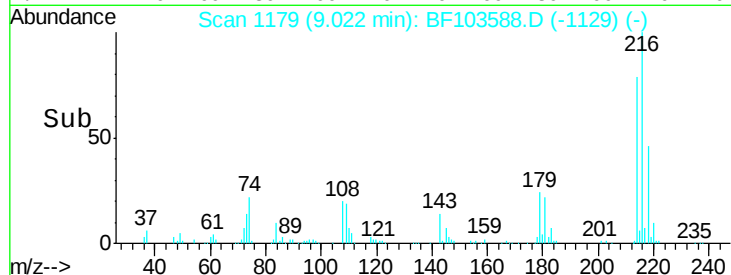
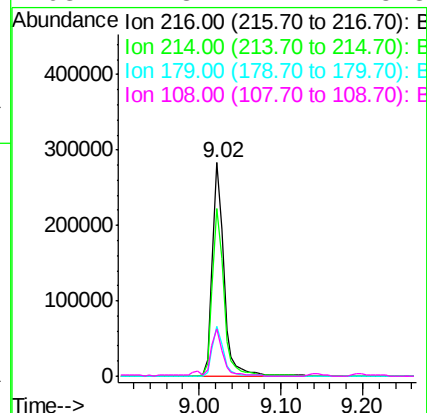
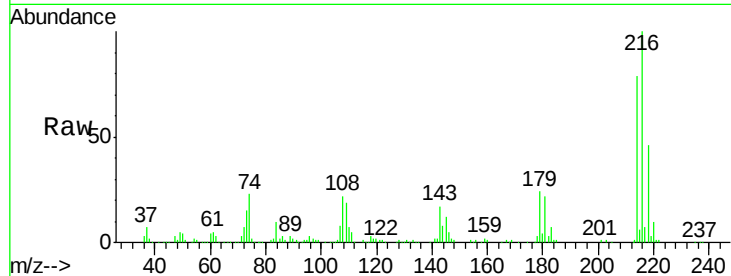
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.96 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	23.3	18.1	27.1
108	24.3	17.2	25.8

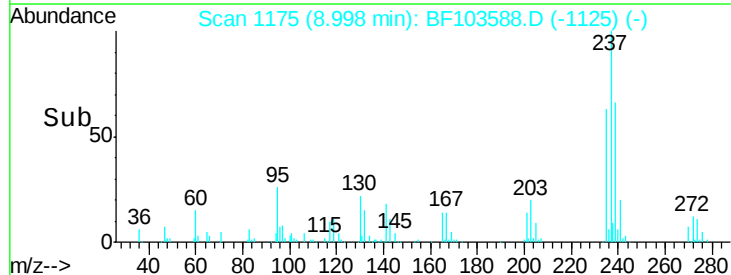
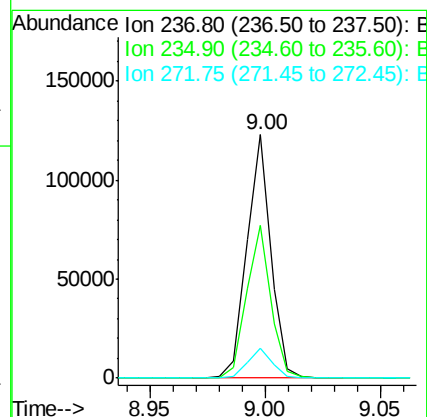
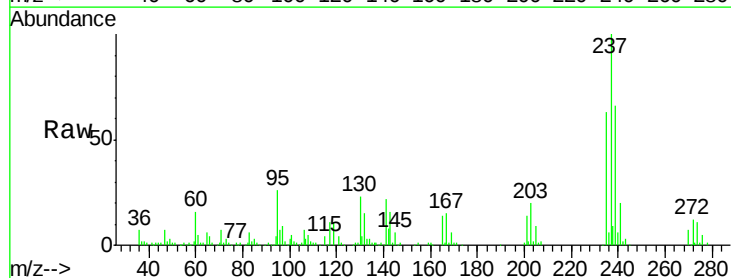
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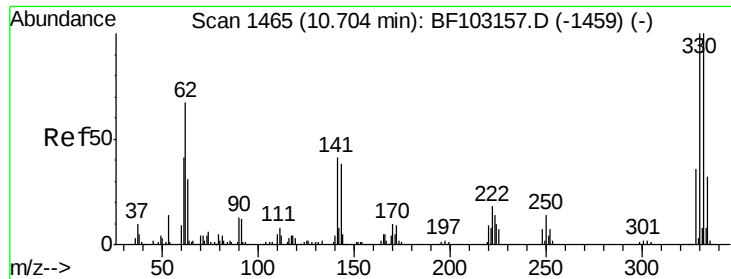
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#40
 Hexachlorocyclopentadiene
 Concen: 45.94 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	12.2	0.0	33.3





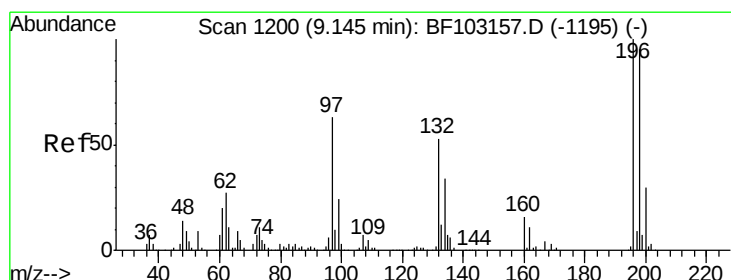
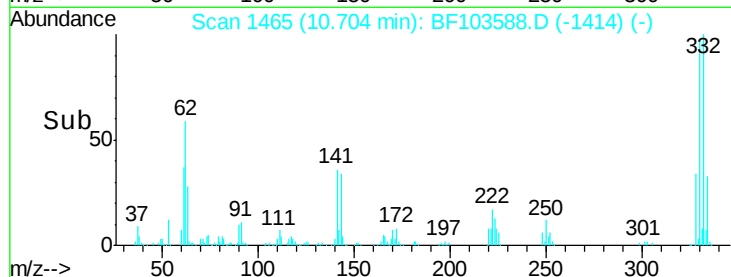
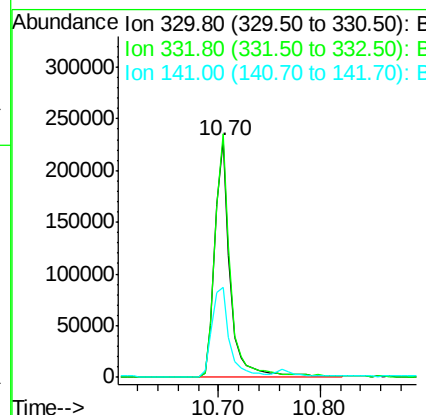
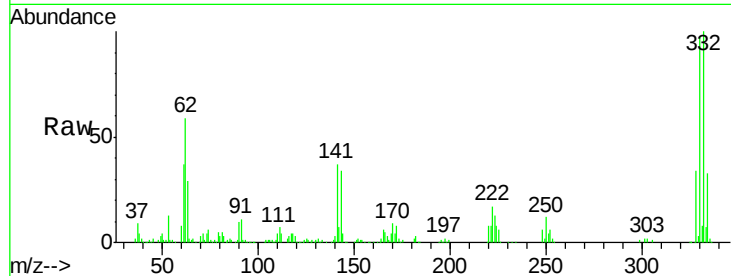
#41
 2,4,6-Tribromophenol
 Concen: 129.52 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.1	77.0	115.6
141	42.3	29.9	44.9

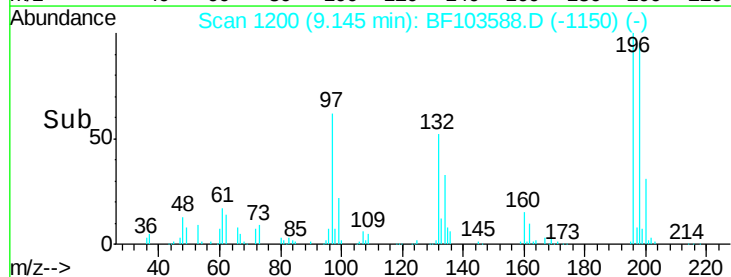
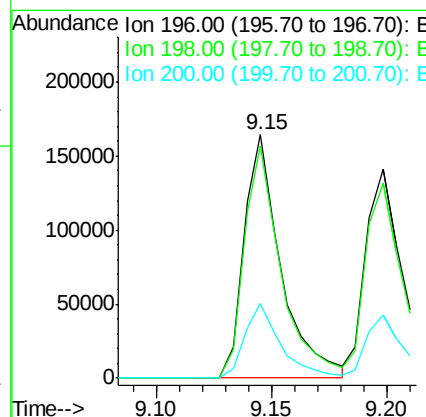
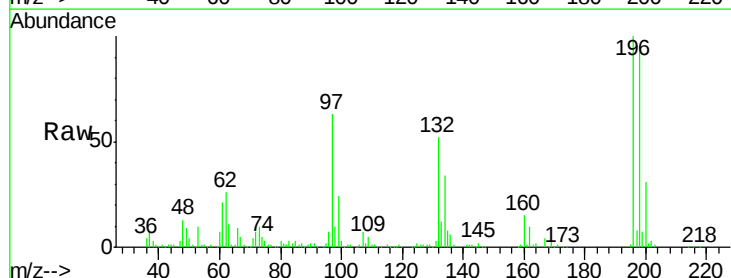
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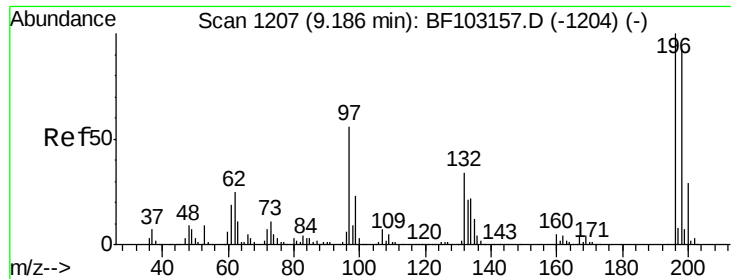
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#42
 2,4,6-Trichlorophenol
 Concen: 44.63 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
200	30.7	24.5	36.7





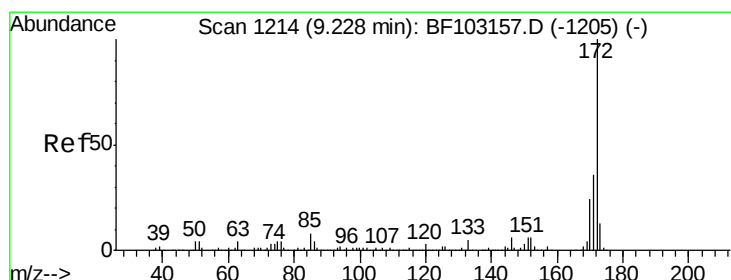
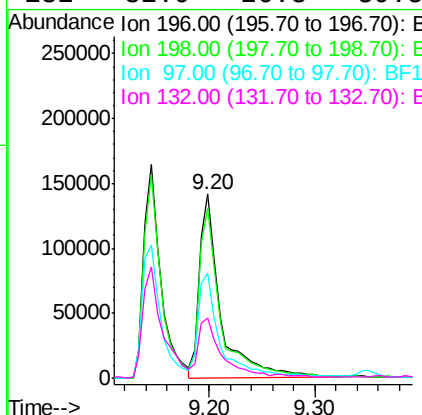
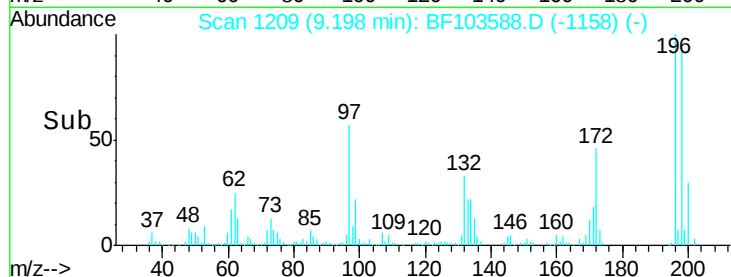
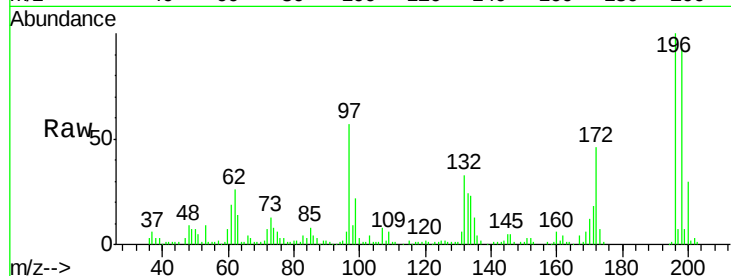
#43
 2,4,5-Trichlorophenol
 Concen: 41.06 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	193127		
198	92.9	74.6	112.0	
97	57.0	42.9	64.3	
132	32.9	26.3	39.5	

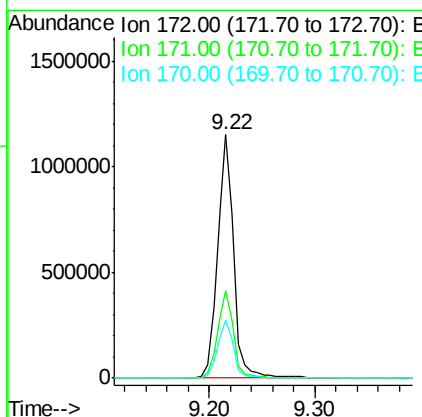
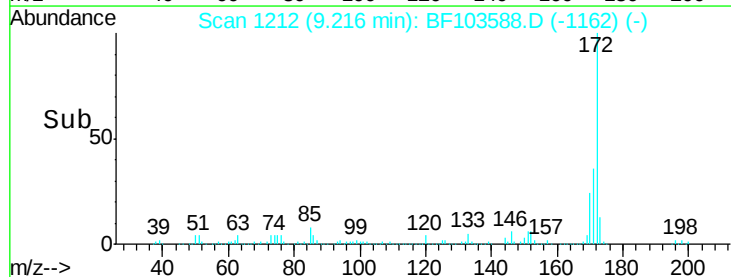
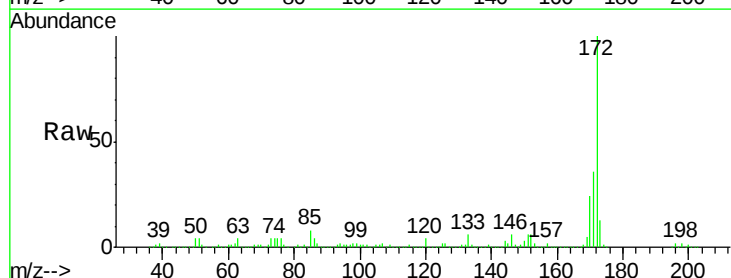
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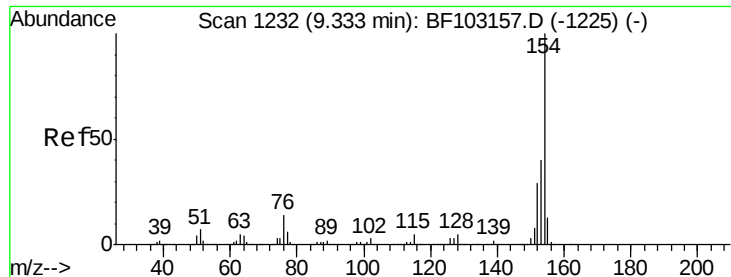
Sohil
 3/13/2018 4:15:46 PM



#44
 2-Fluorobiphenyl
 Concen: 100.48 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1242403		
171	36.0	29.7	44.5	
170	23.9	19.6	29.4	





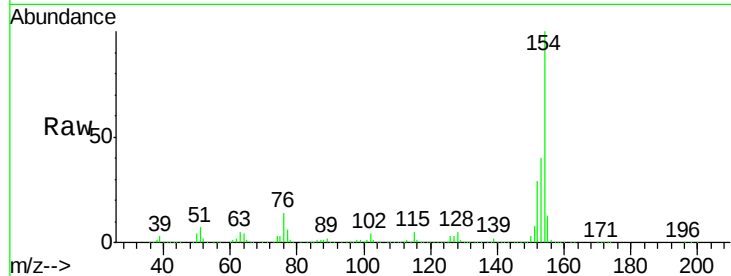
#45
 1,1'-Biphenyl
 Concen: 44.79 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

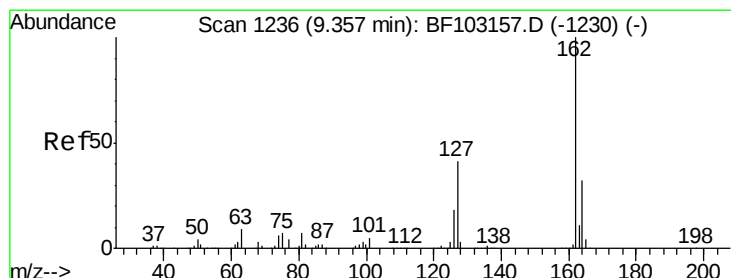
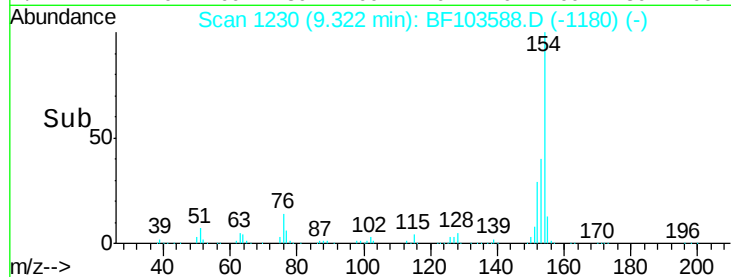
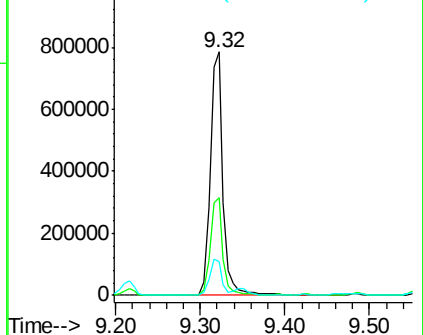
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.3	61.3	
76	13.7	0.0	34.0	

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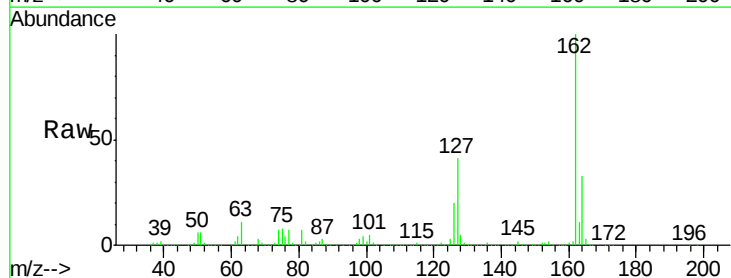


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

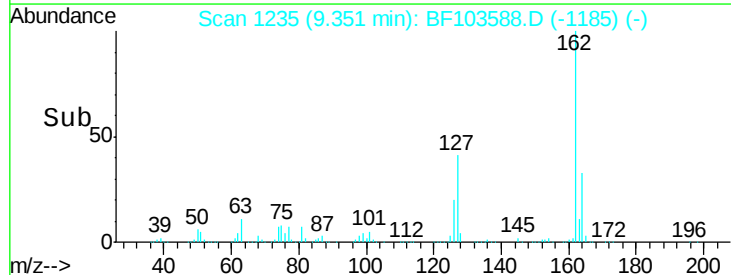
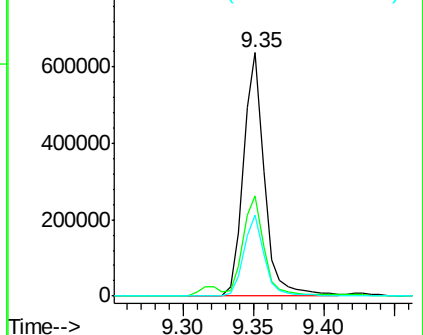


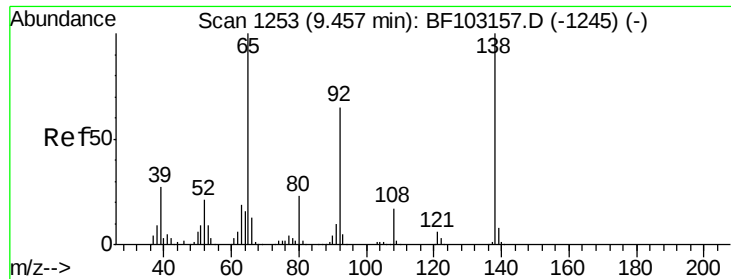
#46
 2-Chloronaphthalene
 Concen: 44.96 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.4	33.9	50.9	
164	33.1	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





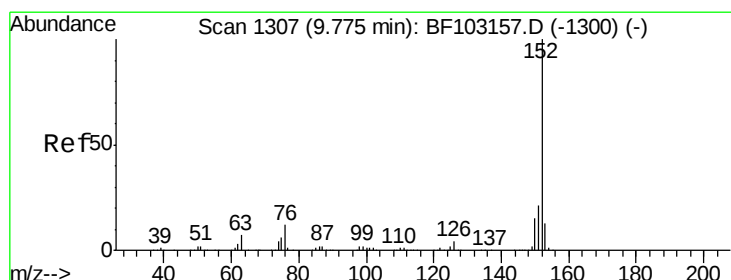
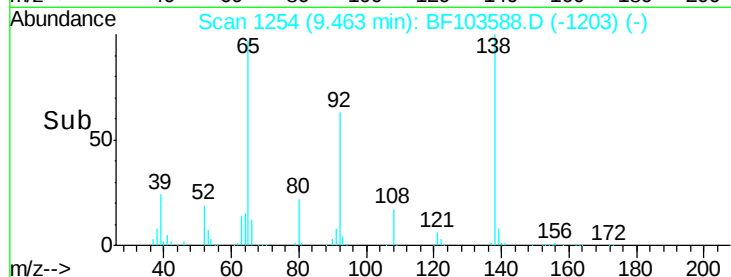
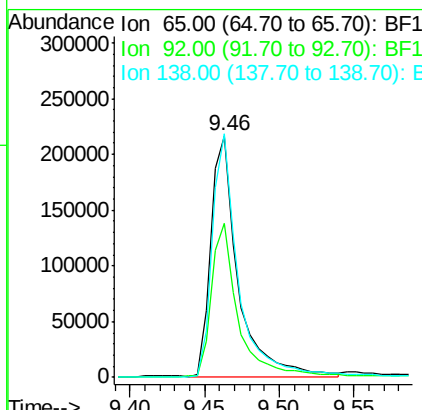
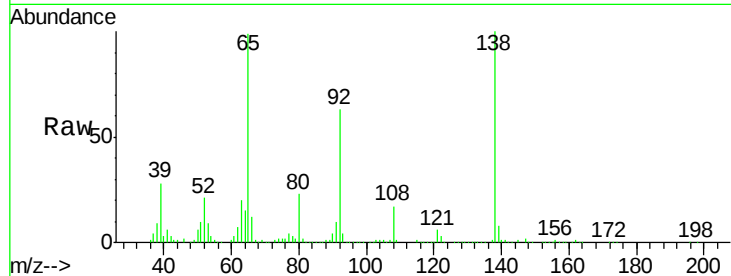
#47
2-Nitroaniline
Concen: 50.13 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	55.8	83.6
138	100.9	91.2	136.8

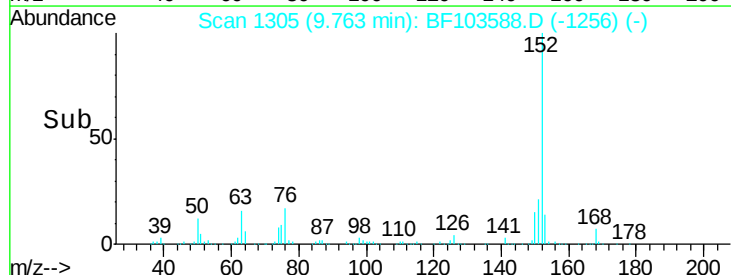
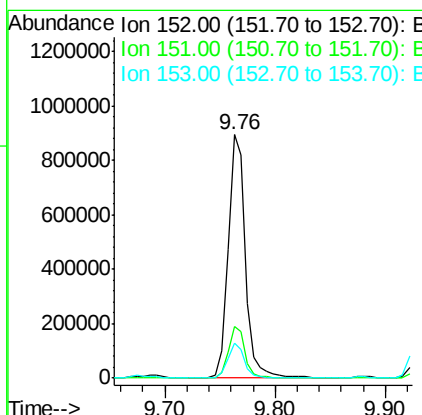
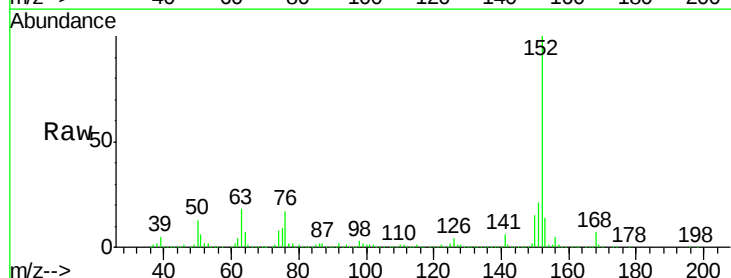
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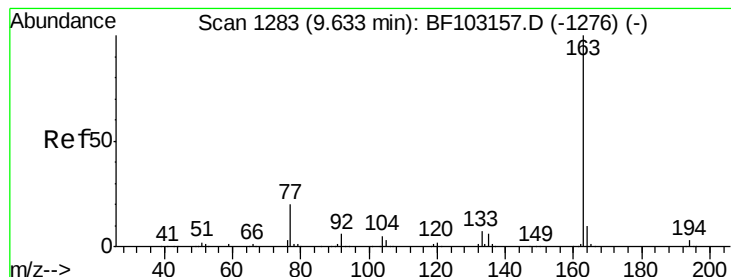
Sohil
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#48
Acenaphthylene
Concen: 42.94 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.3	10.7	16.1





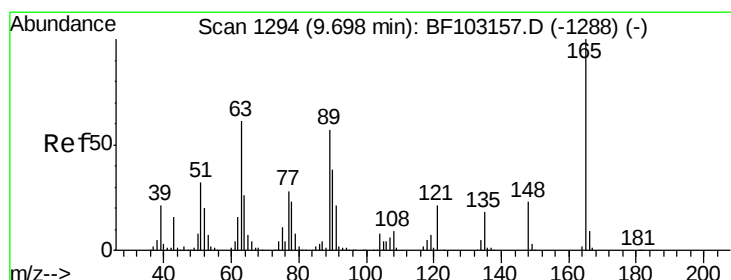
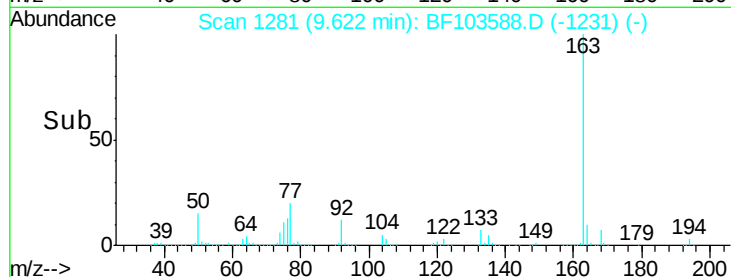
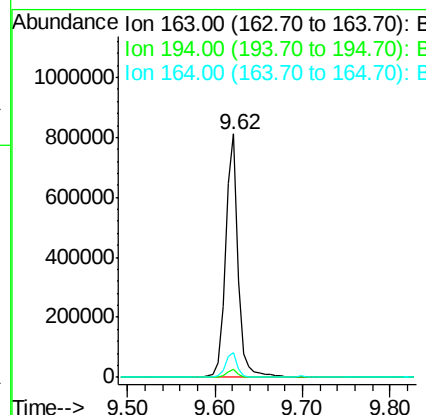
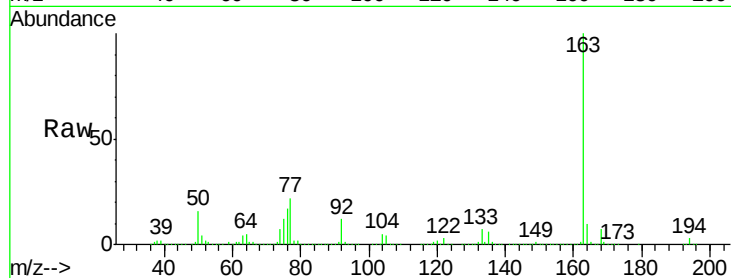
#49
Dimethylphthalate
Concen: 44.80 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.7	4.1	
164	10.1	8.2	12.2	

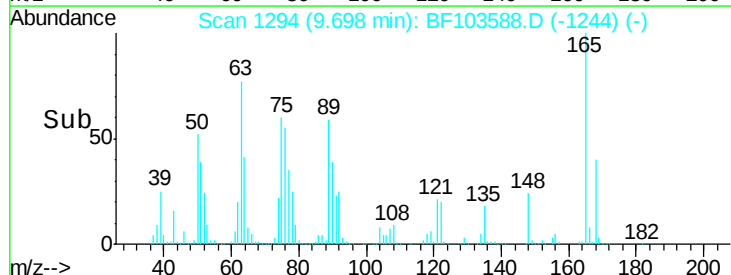
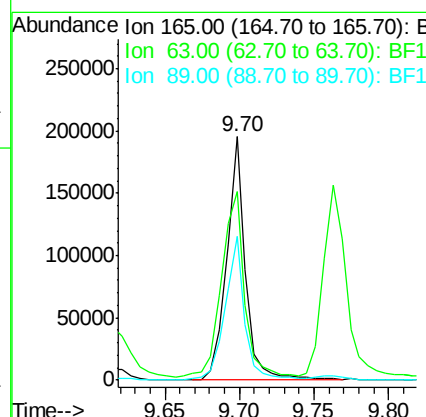
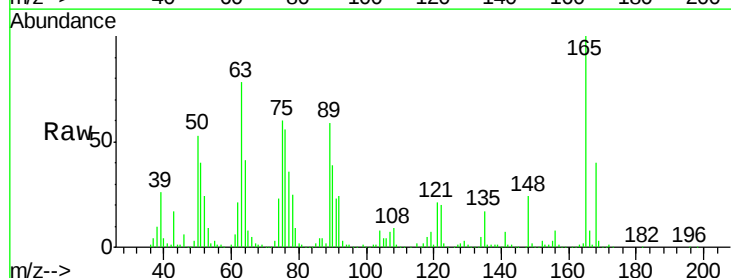
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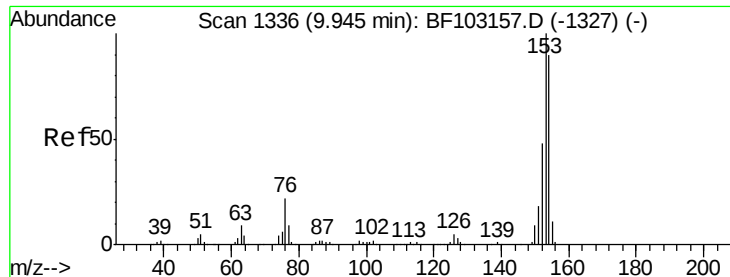
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#50
2,6-Dinitrotoluene
Concen: 46.42 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	77.6	44.7	67.1#	
89	58.8	44.0	66.0	





#51

Acenaphthene

Concen: 46.13 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

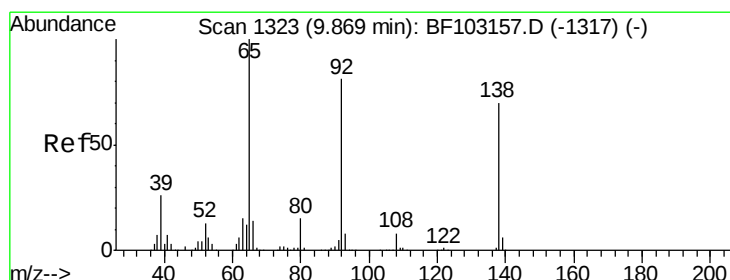
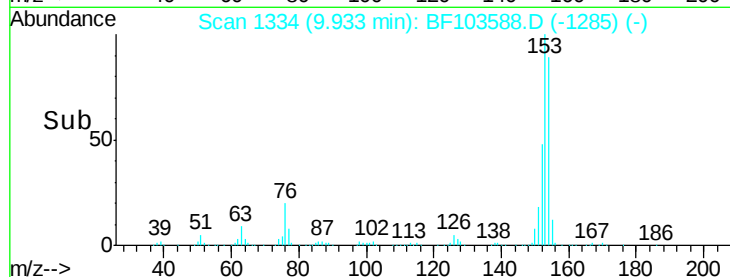
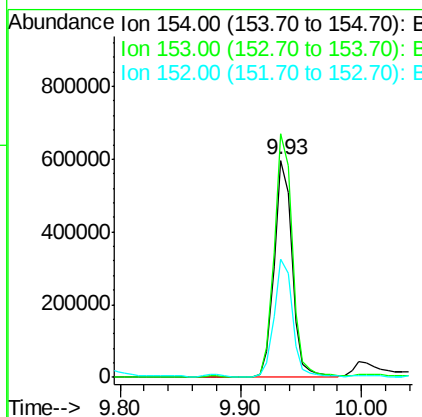
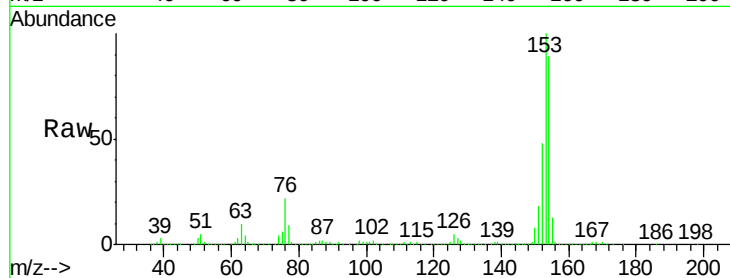
ClientSampleId :

J1867-09MSDMSD

Tot Ion:	154	Resp:	609985
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 29.39 ng

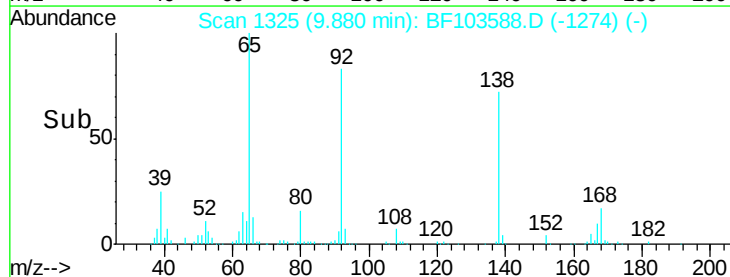
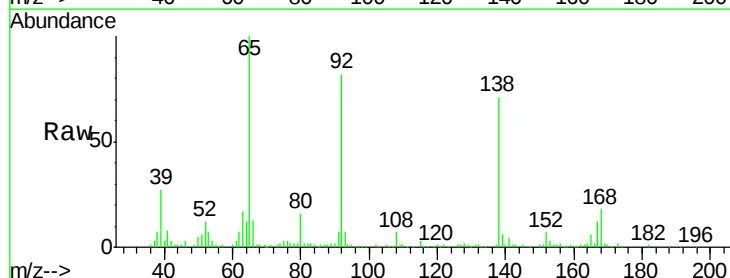
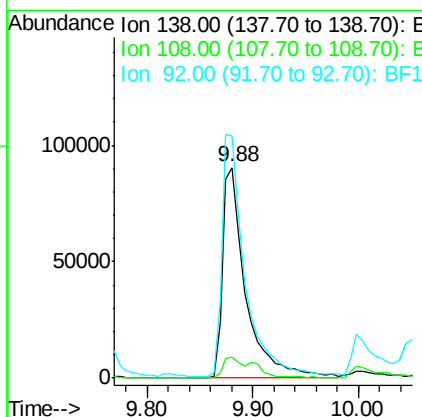
RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:	138	Resp:	139570
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	115.0	89.4	134.2





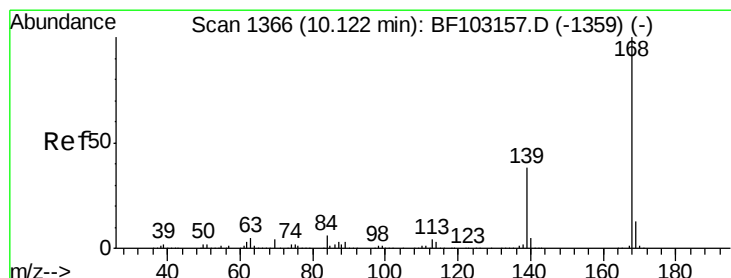
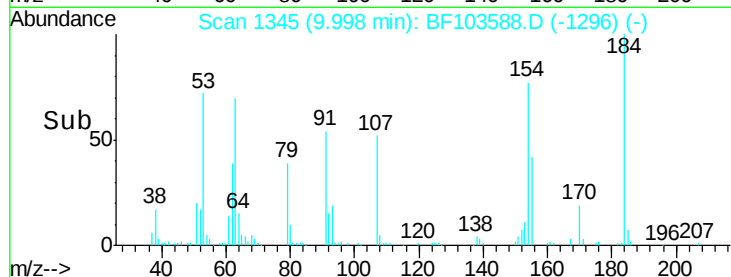
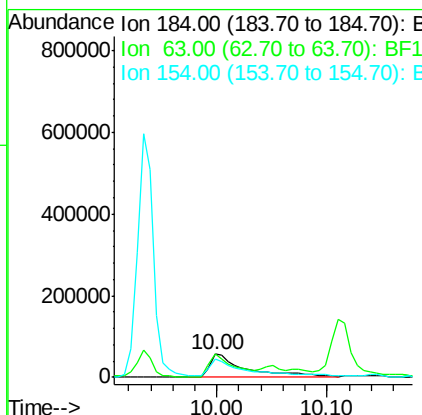
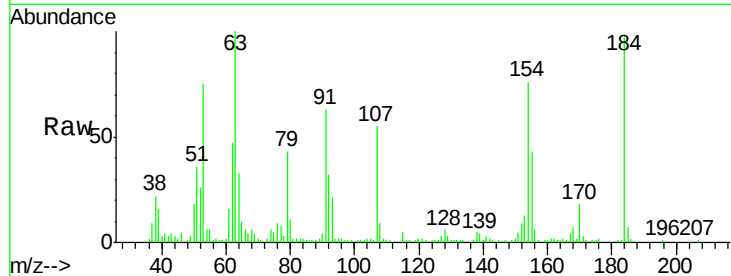
#53
2,4-Dinitrophenol
Concen: 94.90 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	101.5	54.2	81.2#
154	77.6	184.0	276.0#

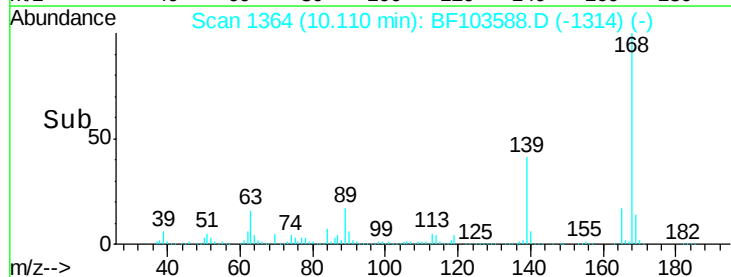
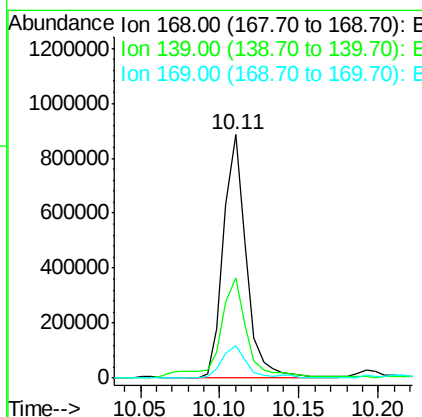
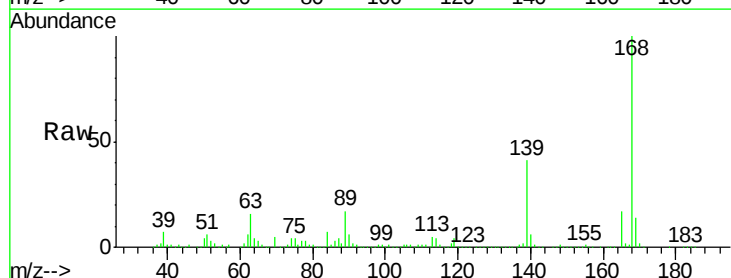
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#54
Dibenzofuran
Concen: 48.67 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.1	45.1
169	13.6	10.9	16.3





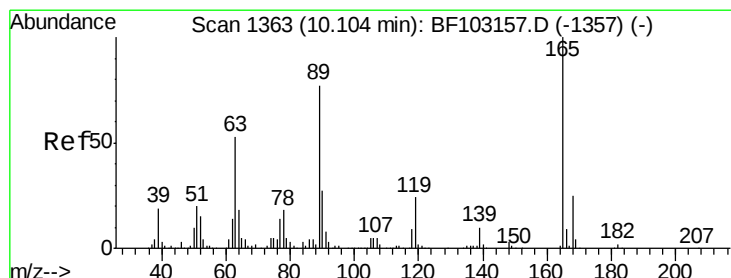
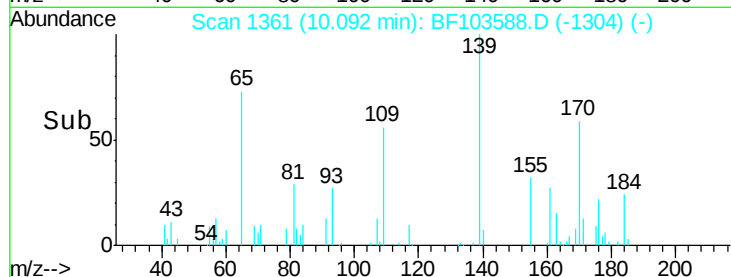
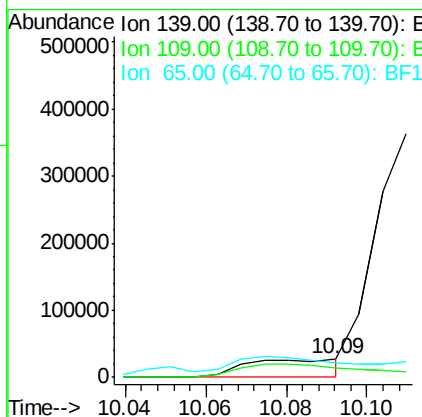
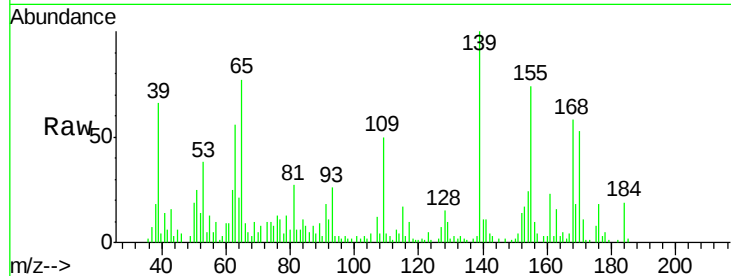
#55
4-Nitrophenol
Concen: 15.32 ng/ml
RT: 10.09 min Scan# 1361
Delta R.T. 0.04 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	49.8	48.4	88.4
65	76.7	72.6	112.6

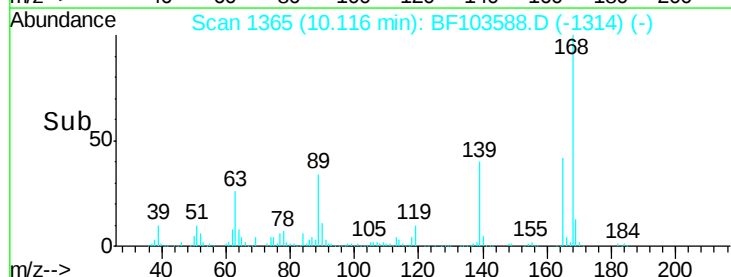
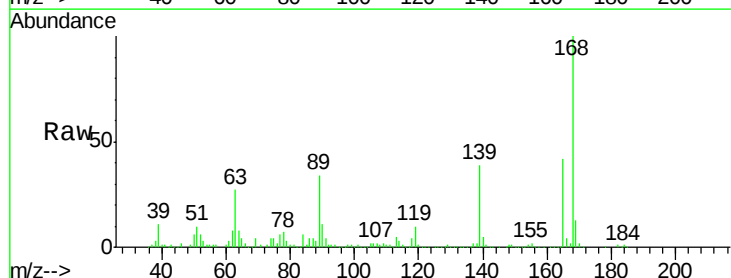
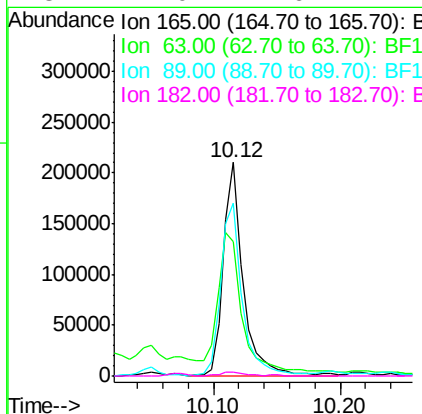
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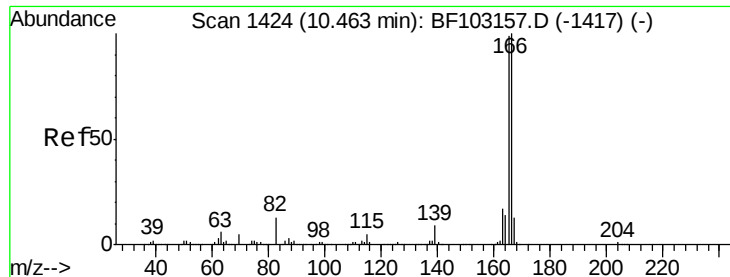
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#56
2,4-Dinitrotoluene
Concen: 48.02 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.2	36.4	54.6#
89	81.1	57.8	86.6
182	2.0	1.6	2.4





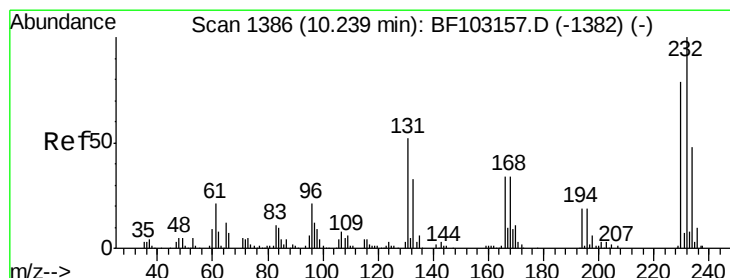
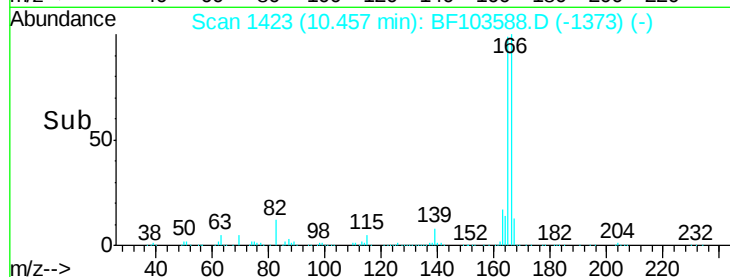
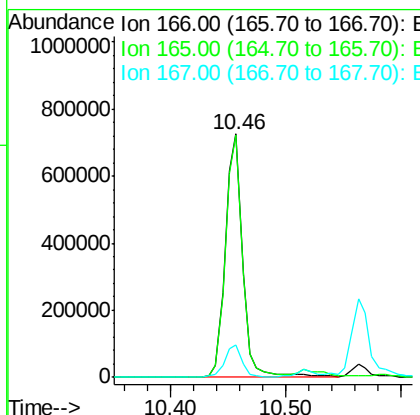
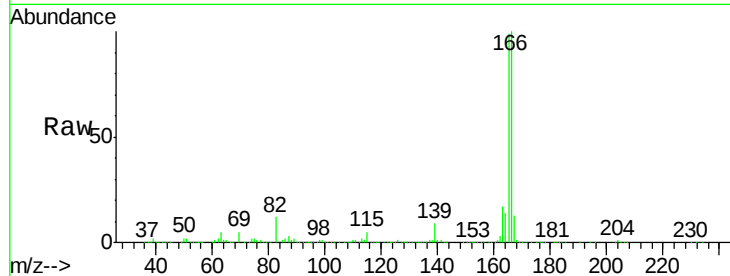
#57
Fluorene
 Concen: 48.53 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.4	10.6	16.0

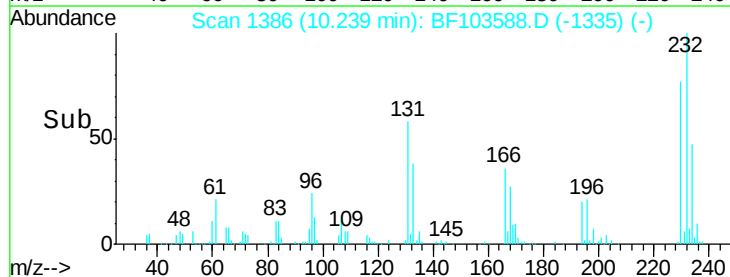
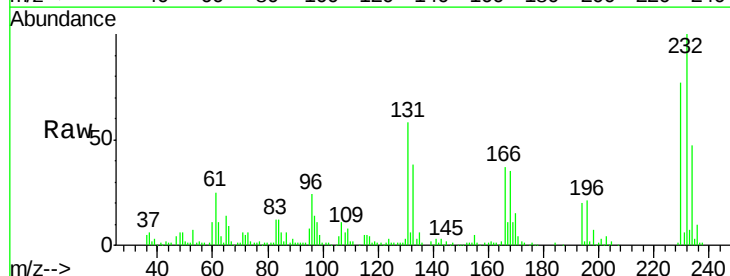
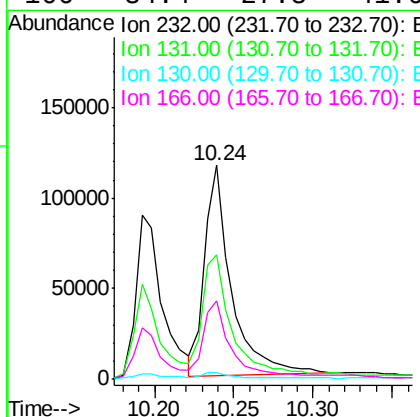
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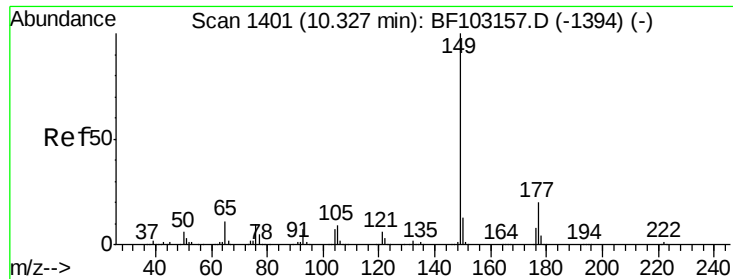
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.03 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.9	43.8	65.8
130	3.6	2.1	3.1#
166	34.4	27.8	41.6





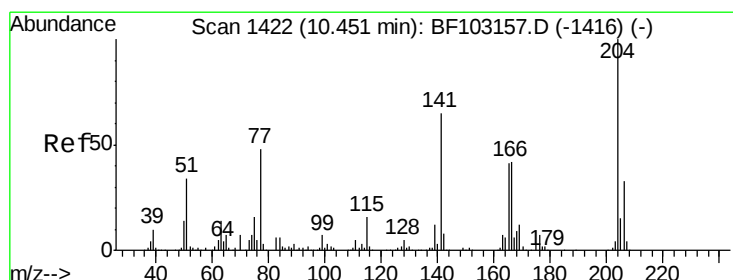
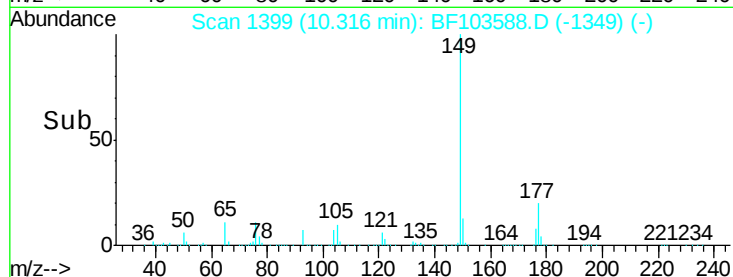
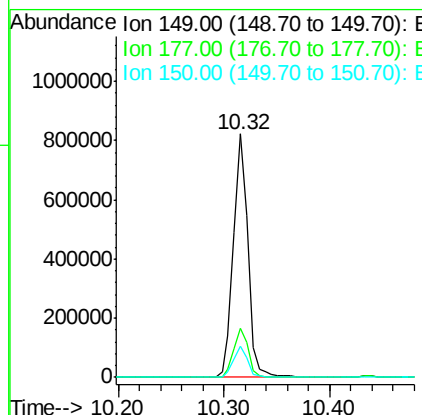
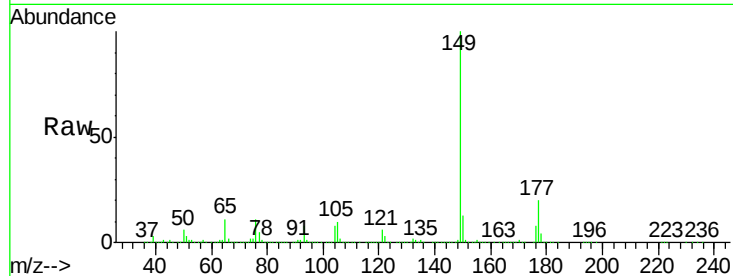
#59
Diethylphthalate
Concen: 45.79 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.1	24.1
150	12.6	10.1	15.1

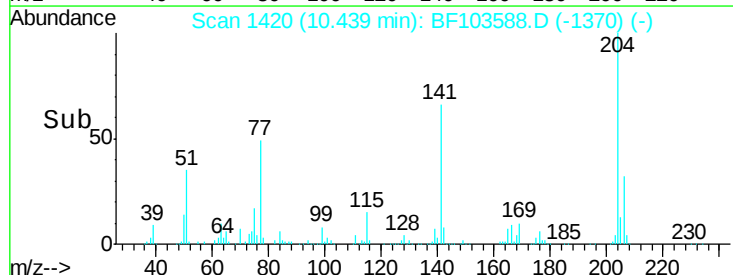
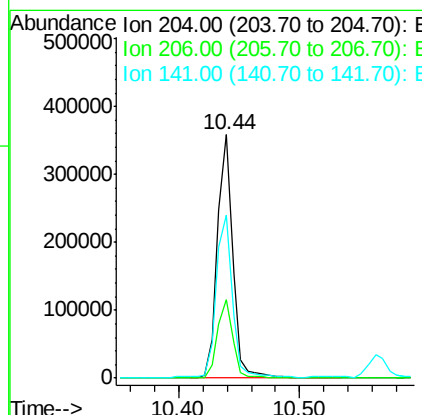
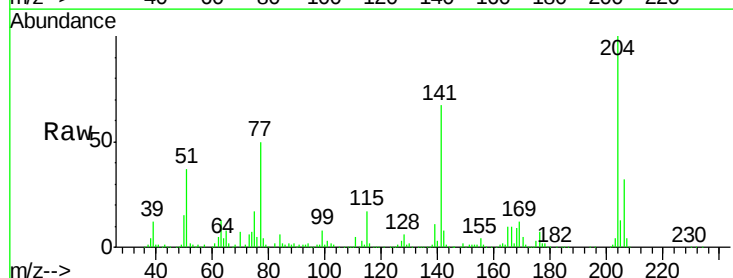
Manual Integrations
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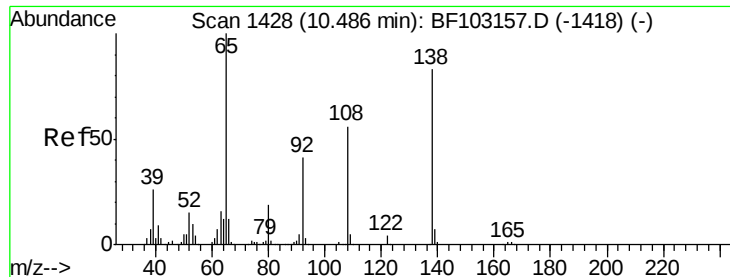
Sohil
3/13/2018 4:15:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.72 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	67.2	54.6	81.8





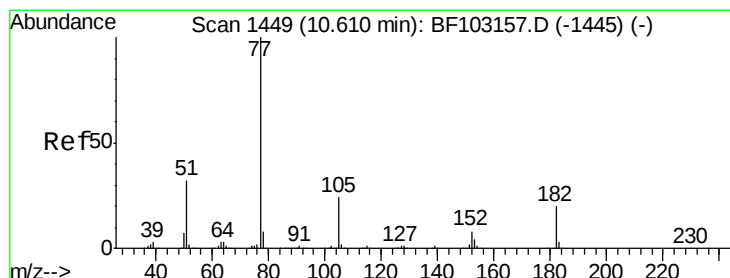
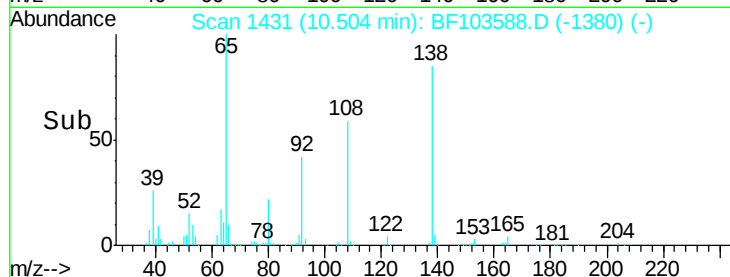
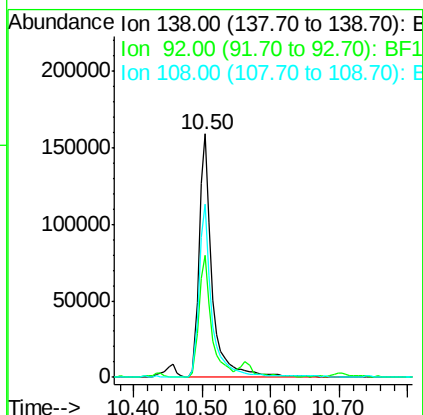
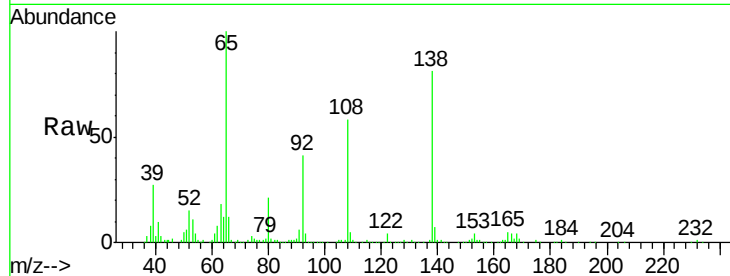
#61
4-Nitroaniline
Concen: 44.67 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	30.2	70.2
108	70.9	52.5	92.5

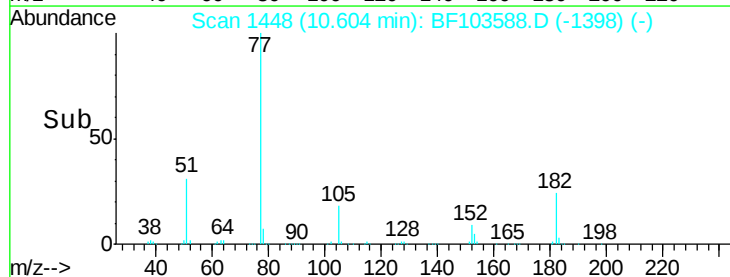
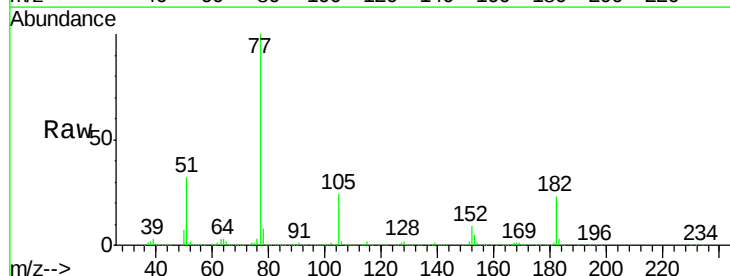
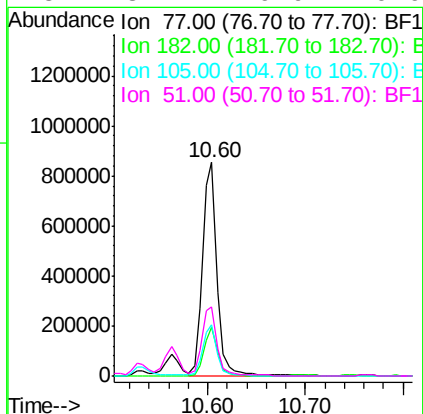
Manual Integrations
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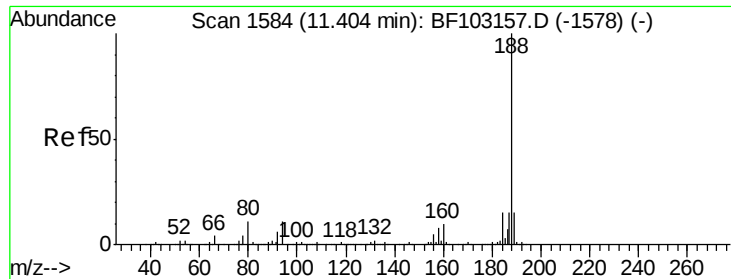
Sohil
3/13/2018 4:15:46 PM



#62
Azobenzene
Concen: 49.79 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	1.7	41.7
105	24.0	3.0	43.0
51	32.2	9.9	49.9





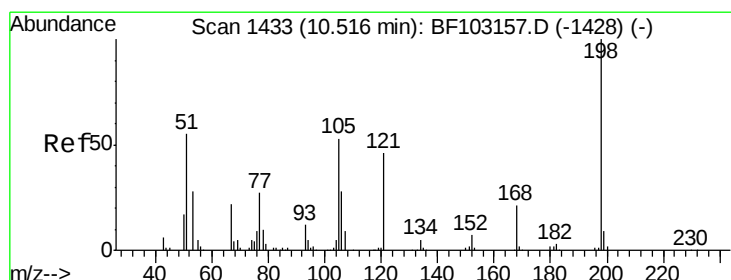
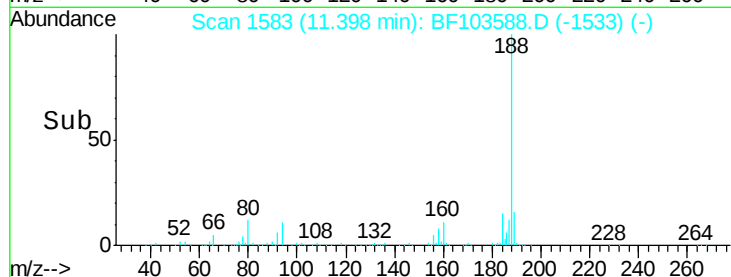
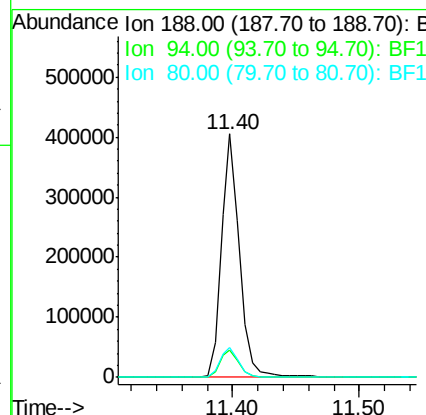
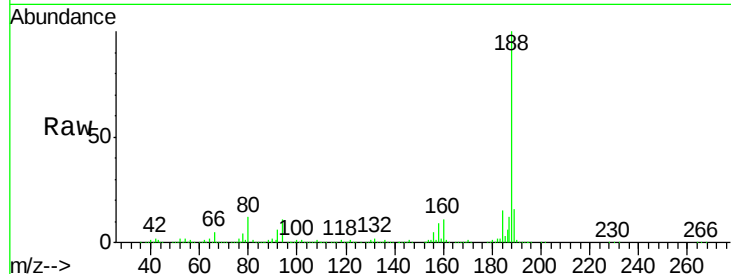
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	406469		
94	11.4		8.5	12.7
80	12.3		9.2	13.8

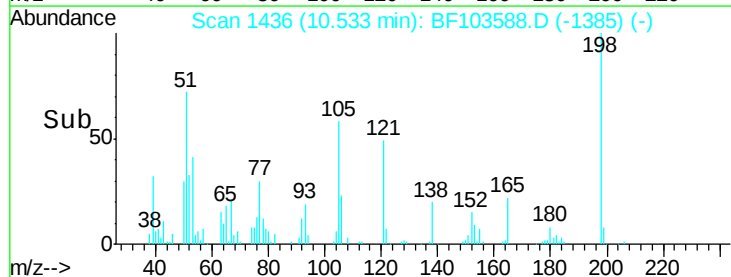
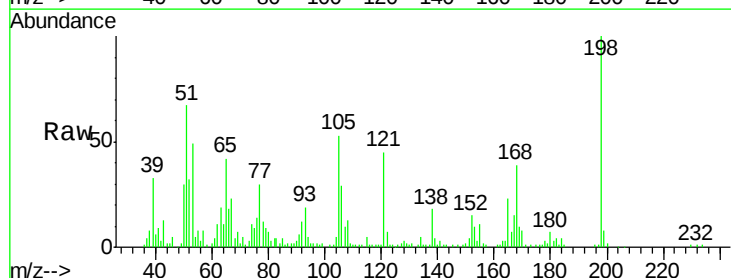
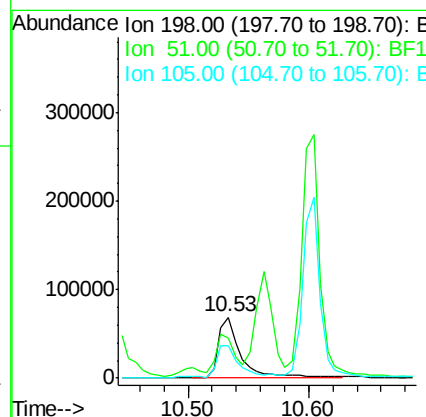
Manual Integrations
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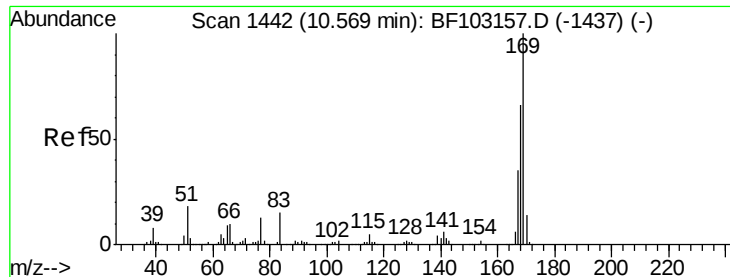
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.22 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	88992		
51	66.7		37.7	77.7
105	53.2		36.3	76.3





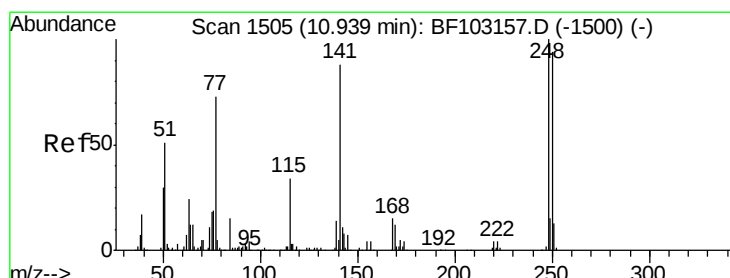
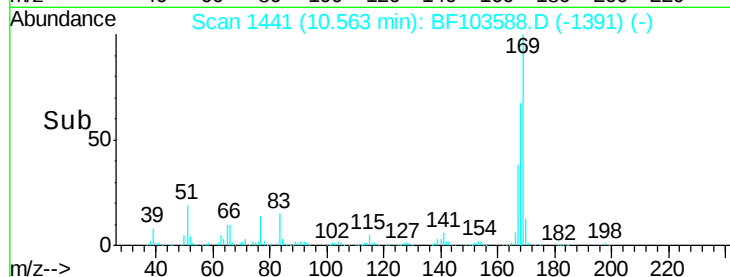
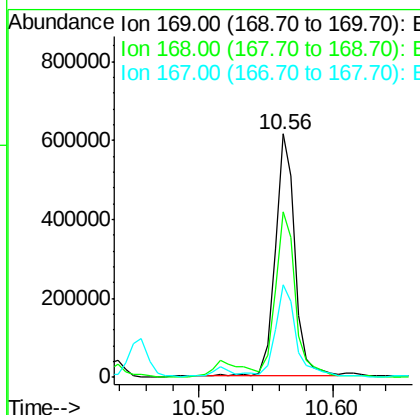
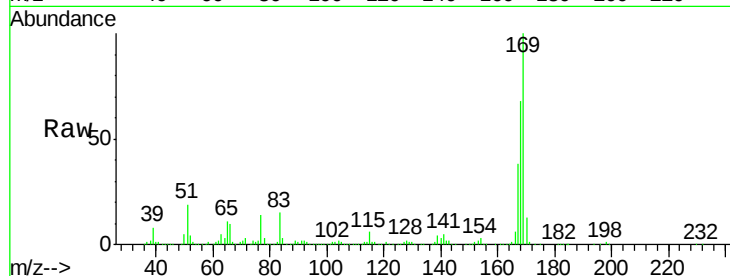
#65
n-Nitrosodiphenylamine
Concen: 44.53 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.9	29.8	44.6

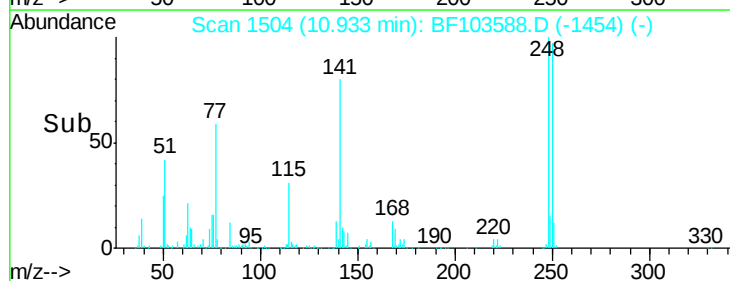
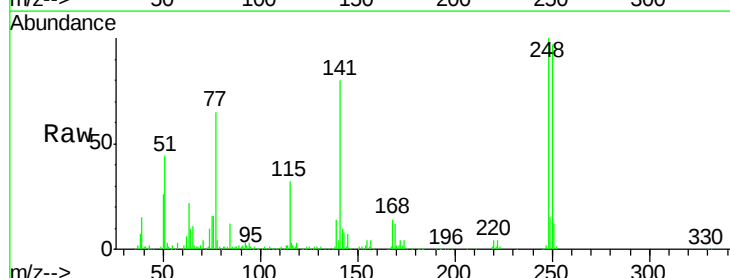
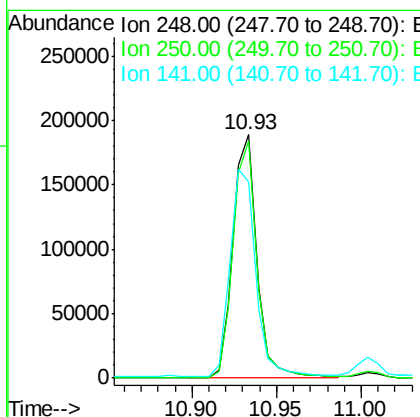
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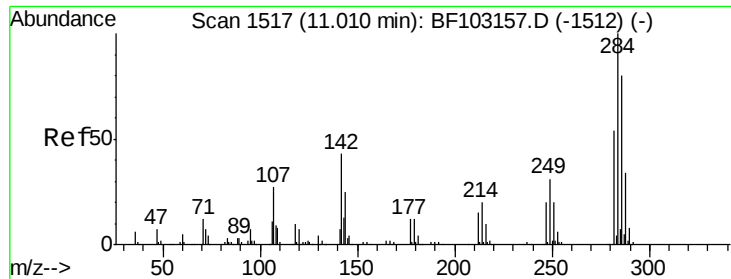
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#66
4-Bromophenyl-phenylether
Concen: 44.10 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.9	115.3
141	80.5	74.4	111.6





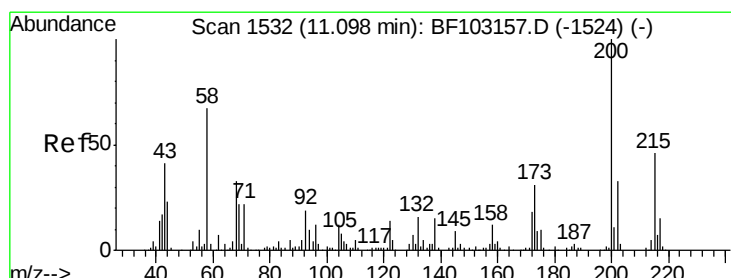
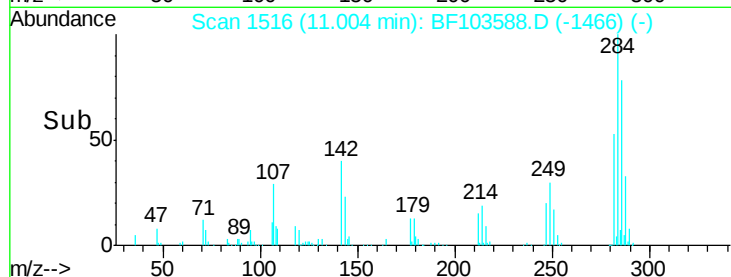
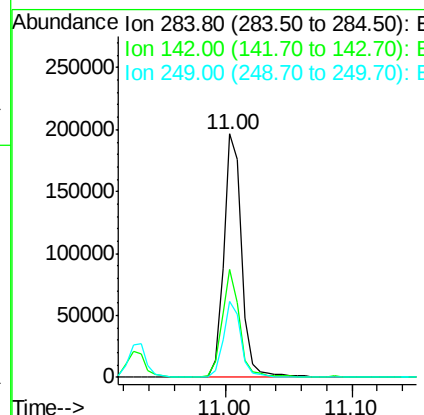
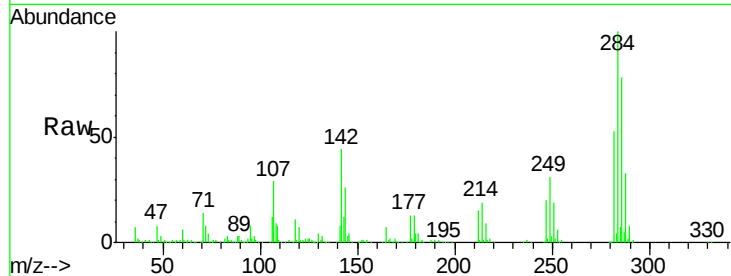
#67
Hexachlorobenzene
Concen: 42.37 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	194708		
142	44.3	34.6	52.0	
249	31.1	24.8	37.2	

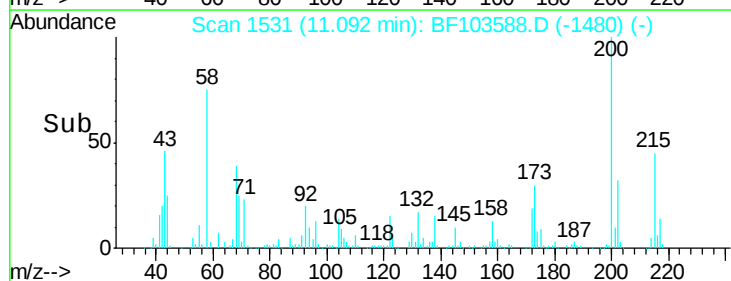
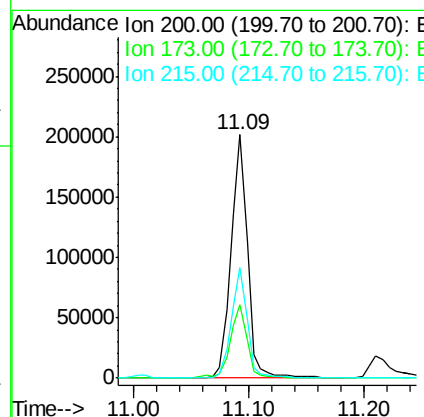
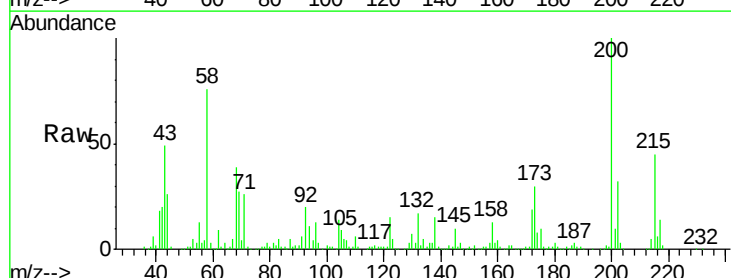
Manual Integrations
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#68
Atrazine
Concen: 46.78 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	199015		
173	30.1	8.6	48.6	
215	45.3	25.1	65.1	





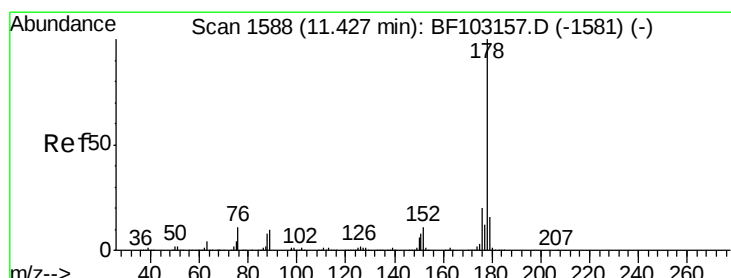
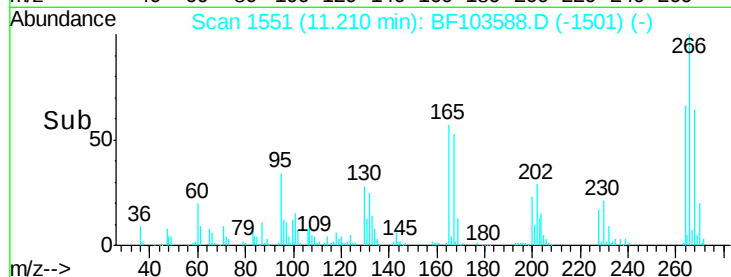
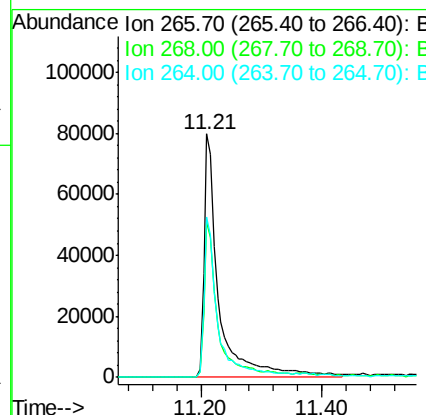
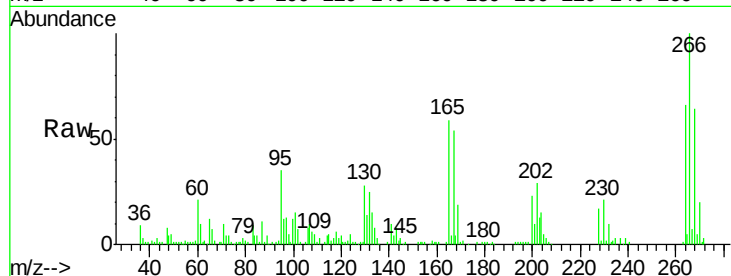
#69
 Pentachlorophenol
 Concen: 62.39 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	65.9	49.5	74.3

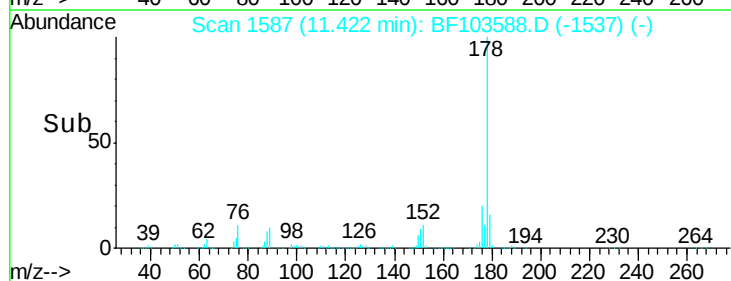
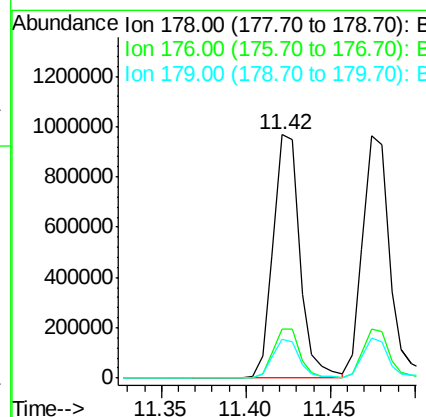
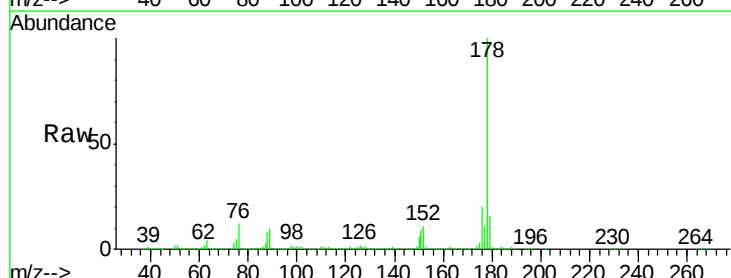
Manual Integrations
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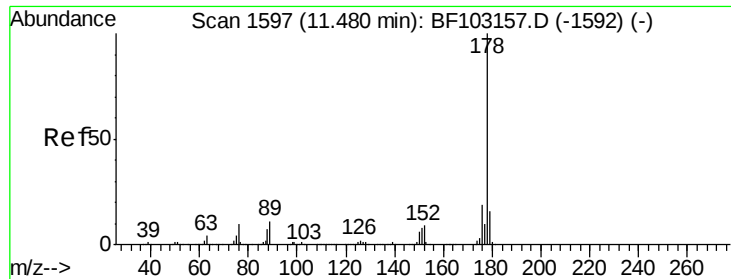
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#70
 Phenanthrene
 Concen: 47.54 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.1	13.0	19.6





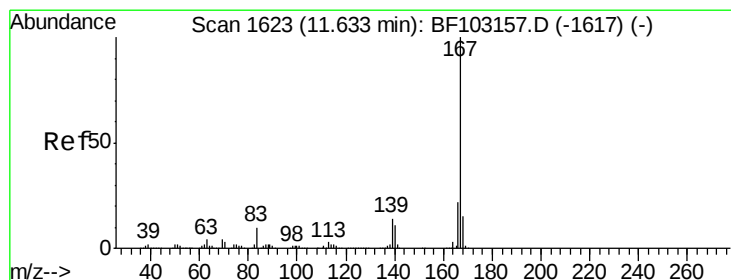
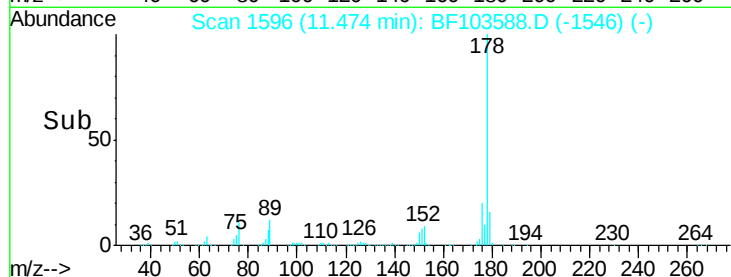
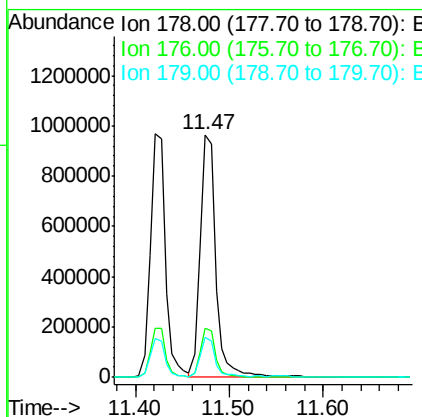
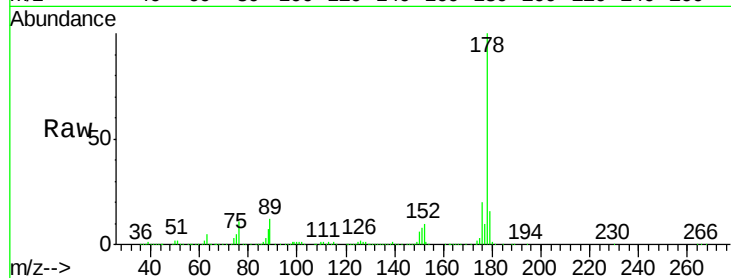
#71
 Anthracene
 Concen: 48.55 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion:178 Resp: 1113626
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.4 12.6 19.0

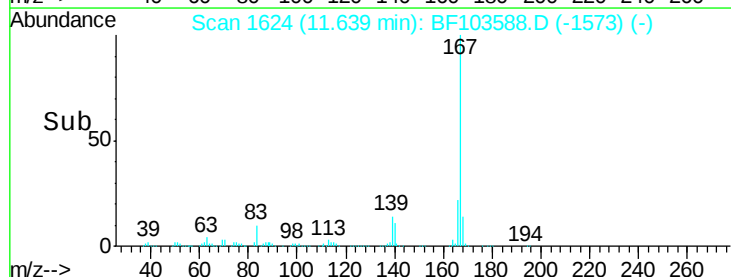
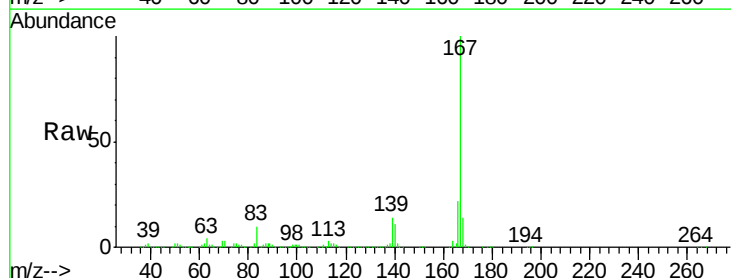
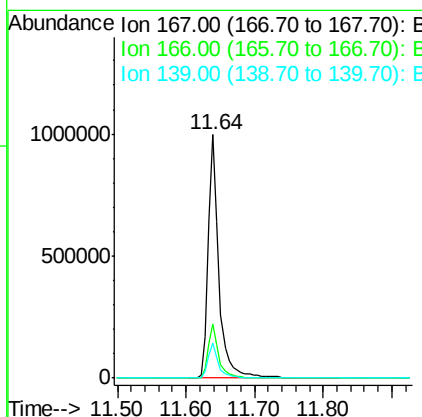
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#72
 Carbazole
 Concen: 48.29 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:167 Resp: 1103066
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.33 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

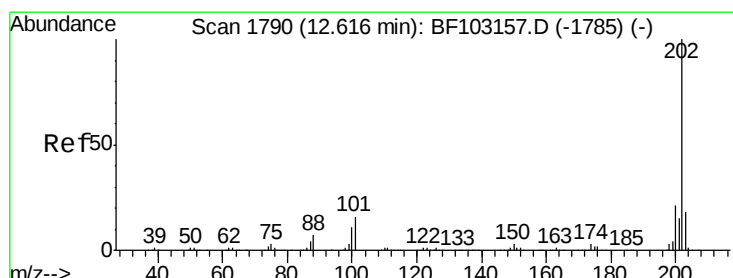
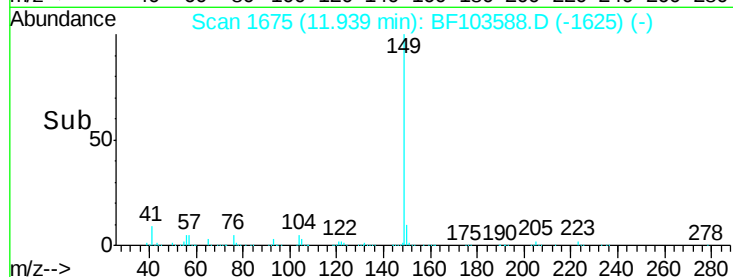
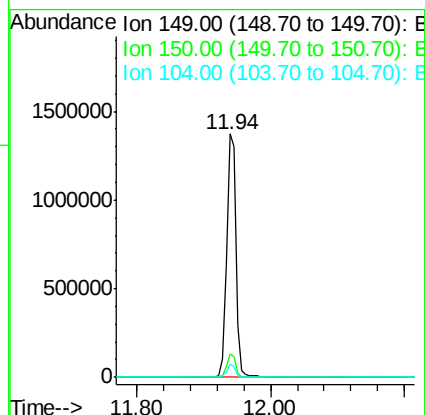
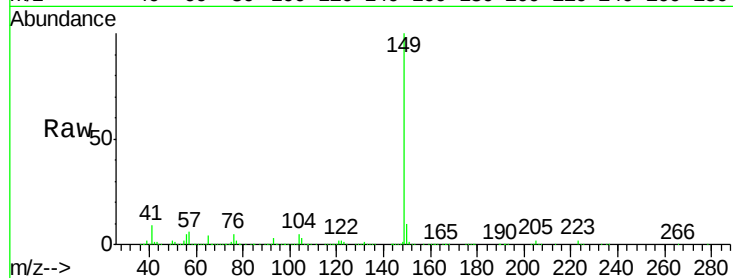
ClientSampleId :

J1867-09MSDMSD

Tot Ion:	149	Resp:	1352837
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.2	3.8	5.8

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#74

Fluoranthene

Concen: 47.27 ng

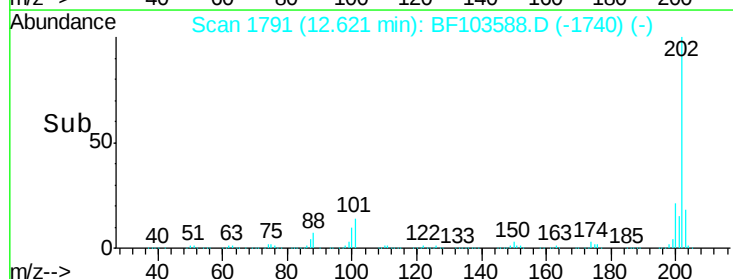
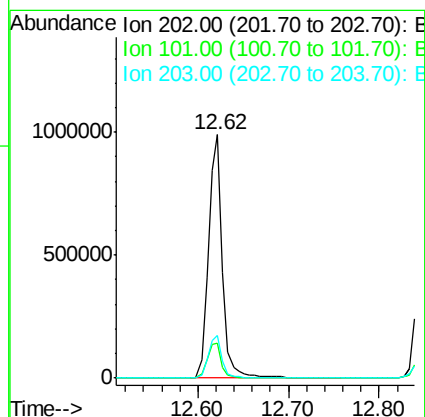
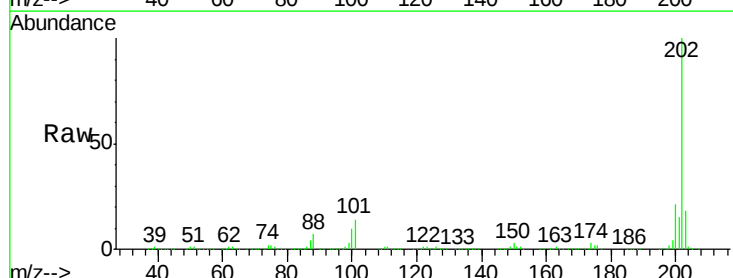
RT: 12.62 min Scan# 1791

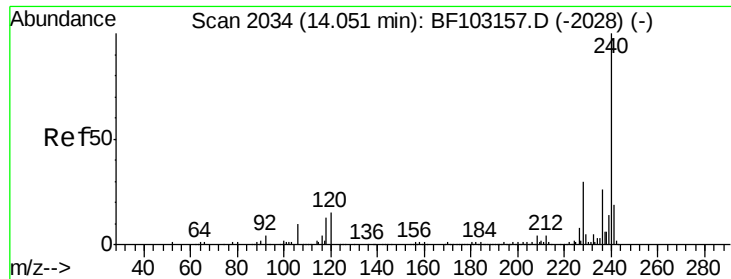
Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:	202	Resp:	1062466
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

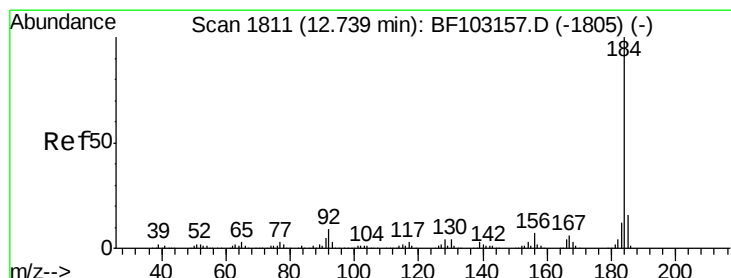
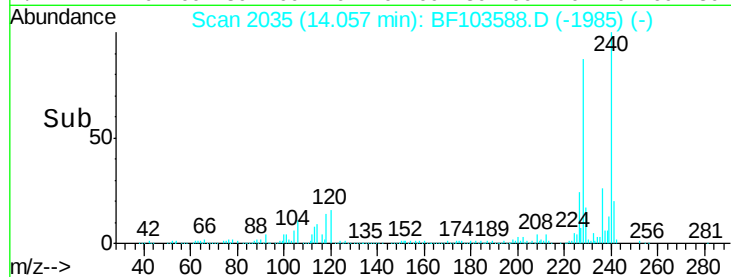
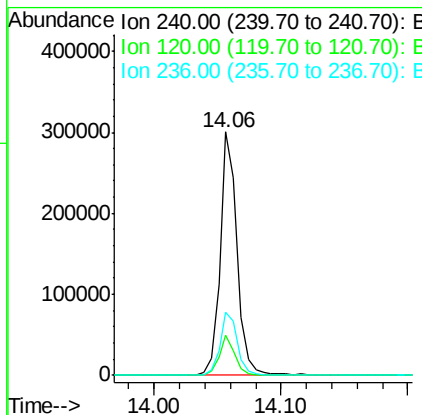
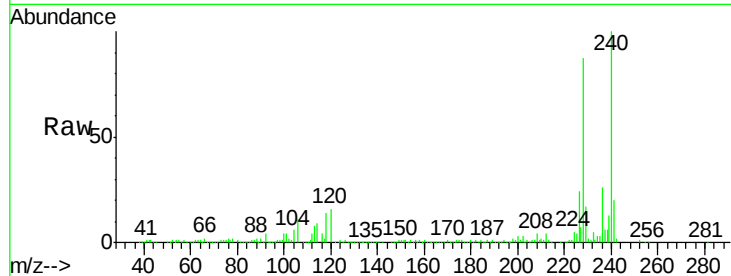
ClientSampleId :

J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 41.36 ng

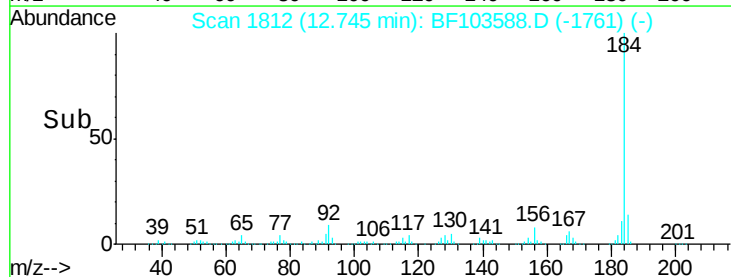
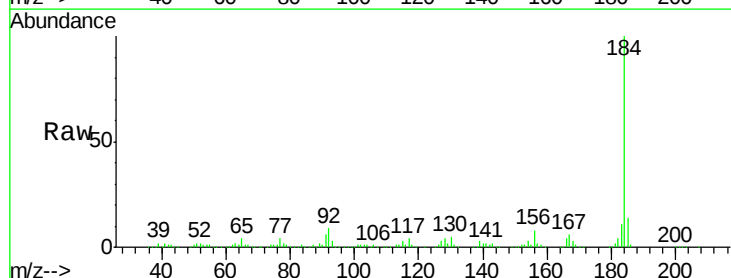
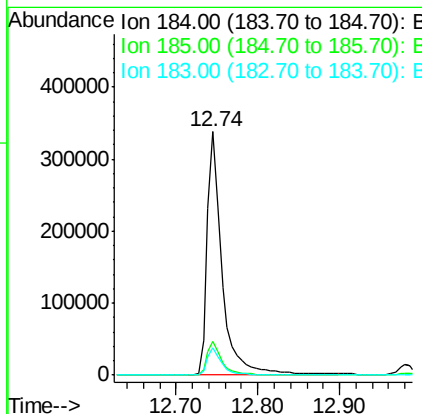
RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.3	9.3	13.9





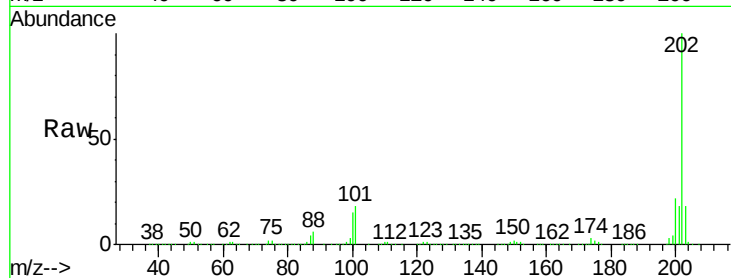
#77
Pvrene
Concen: 48.02 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

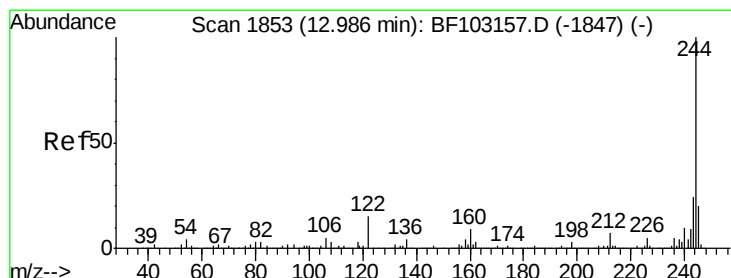
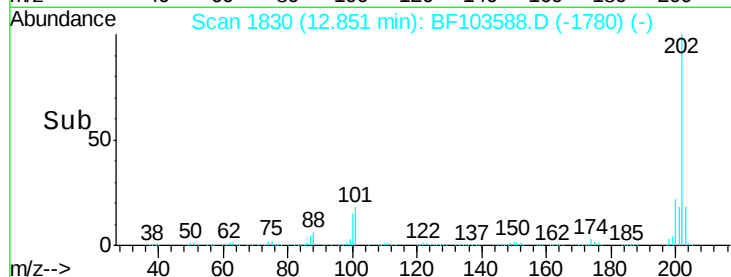
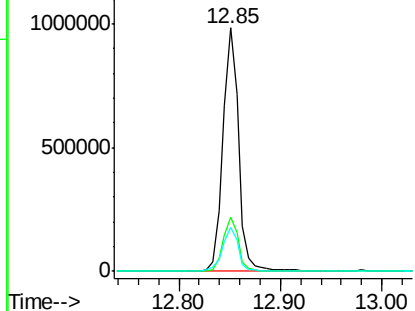
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.0	14.3	21.5

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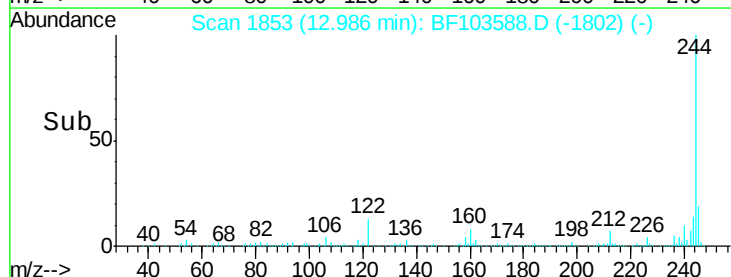
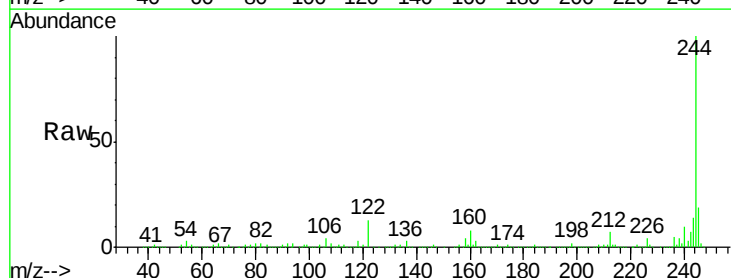
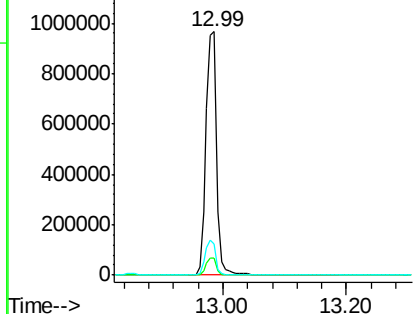
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

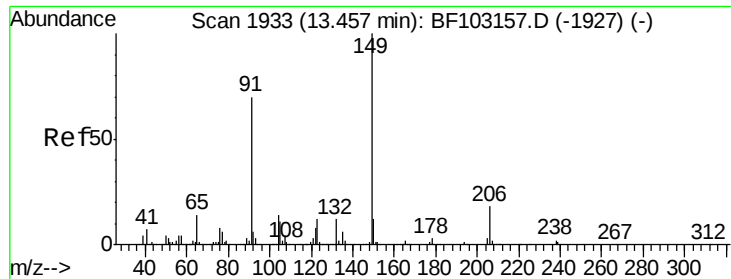


#78
Terphenyl-d14
Concen: 99.33 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.8	11.0	16.4

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





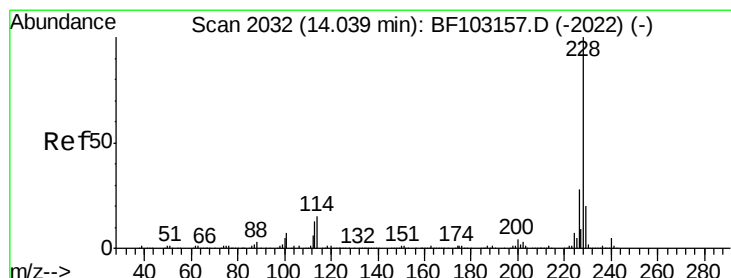
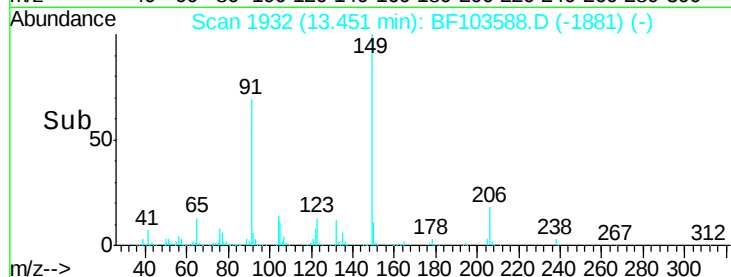
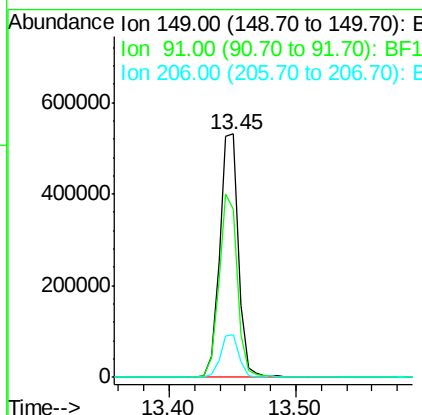
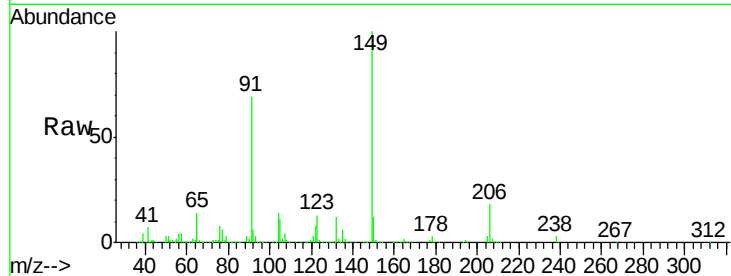
#79
Butylbenzylphthalate
Concen: 47.93 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	17.6	14.1	21.1

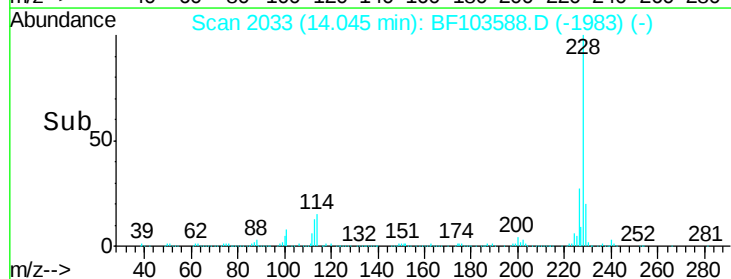
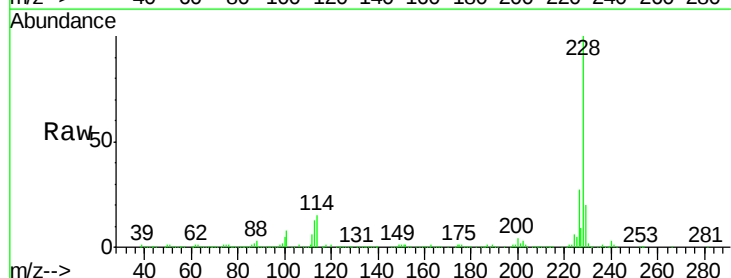
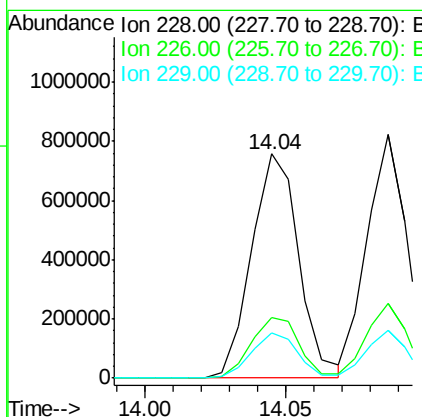
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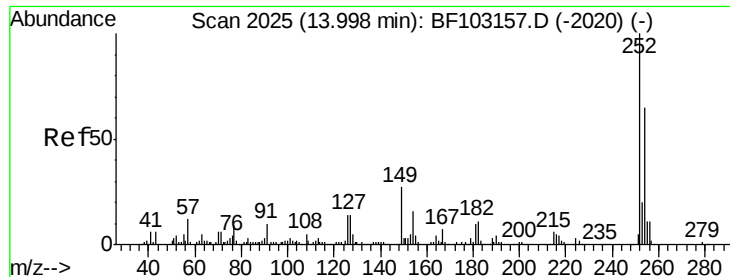
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#80
Benzo(a)anthracene
Concen: 48.35 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.9	15.8	23.6





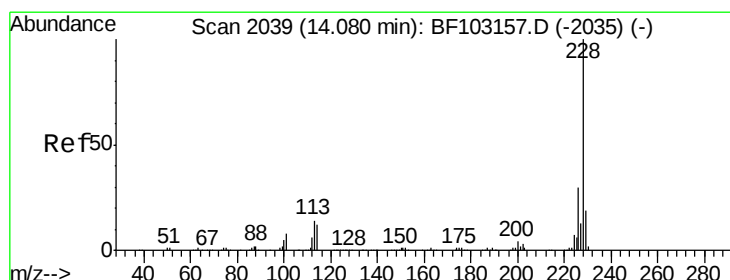
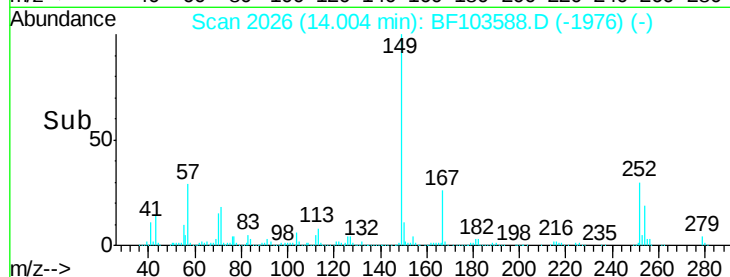
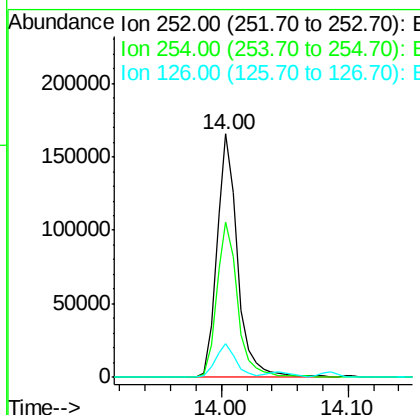
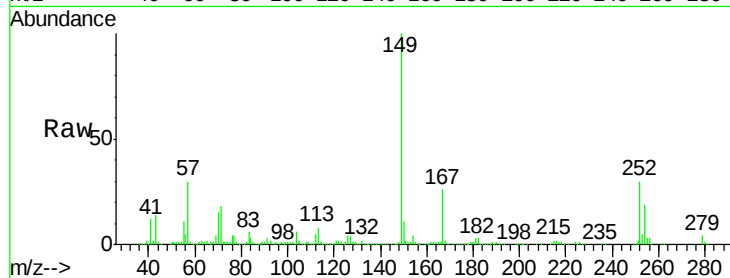
#81
 3,3'-Dichlorobenzidine
 Concen: 29.15 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	13.9	11.3	16.9

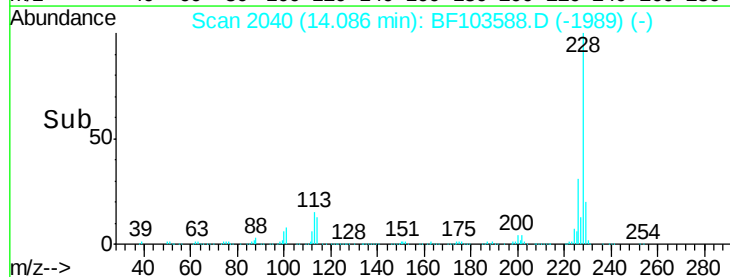
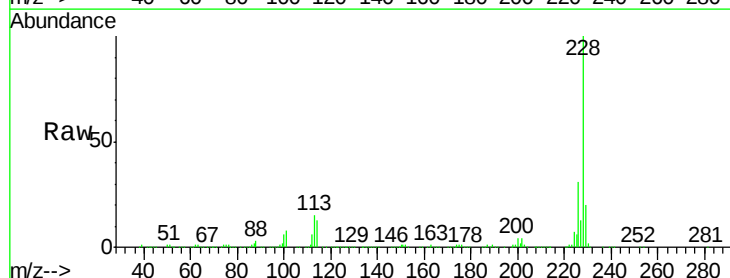
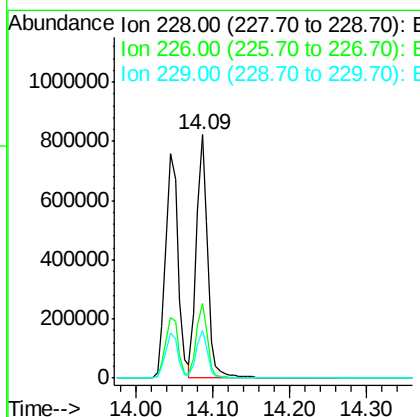
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#82
 Chrysene
 Concen: 48.01 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.7	16.2	24.4





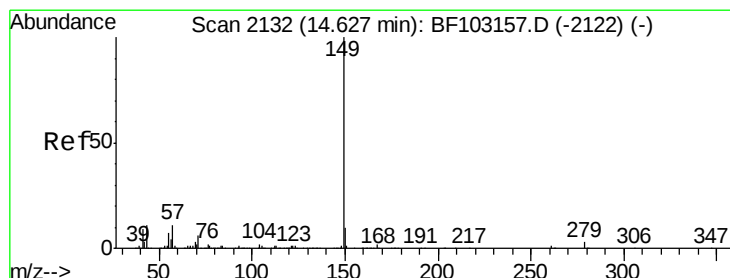
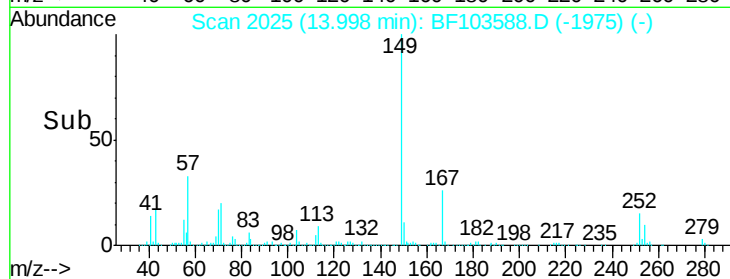
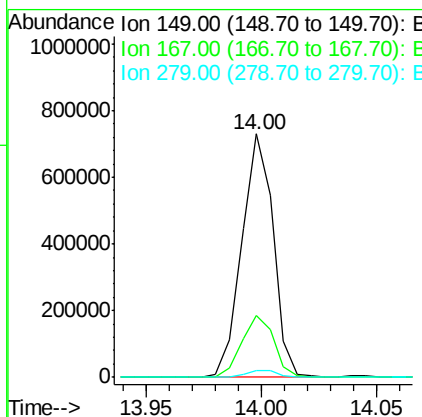
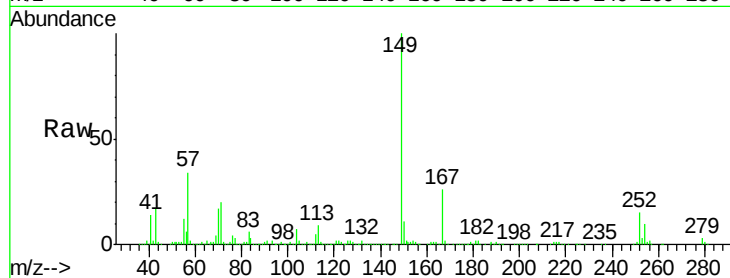
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.64 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.0	3.0	4.4

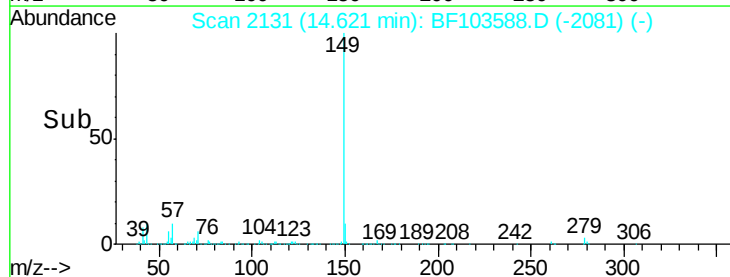
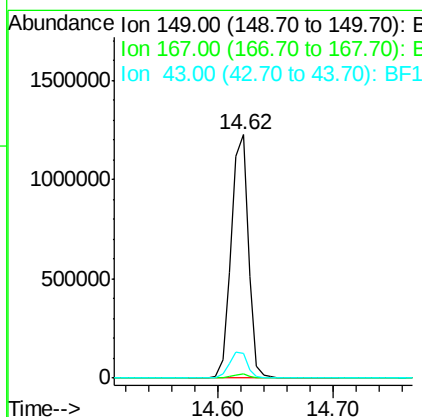
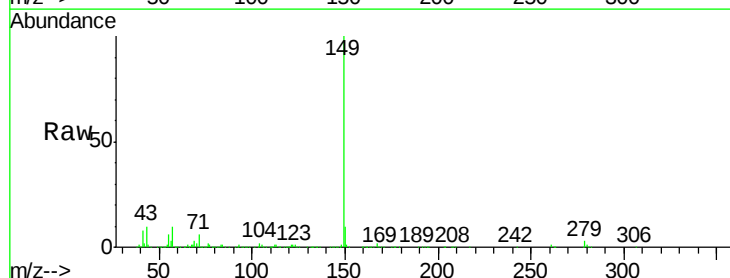
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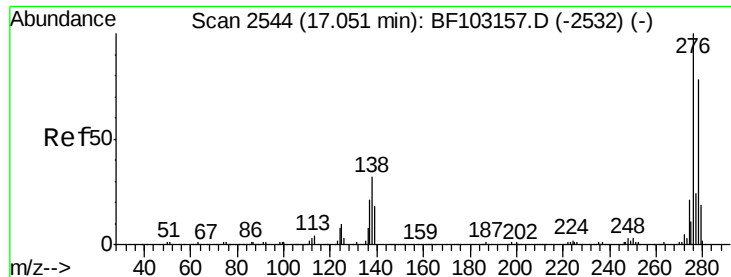
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#84
 Di-n-octyl phthalate
 Concen: 50.17 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	8.4	12.6





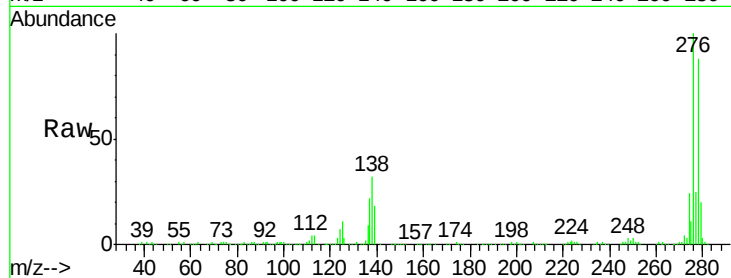
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.97 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

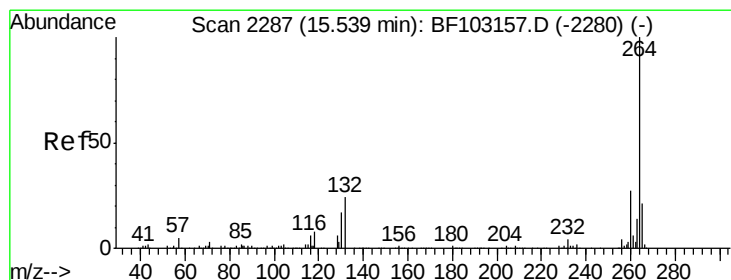
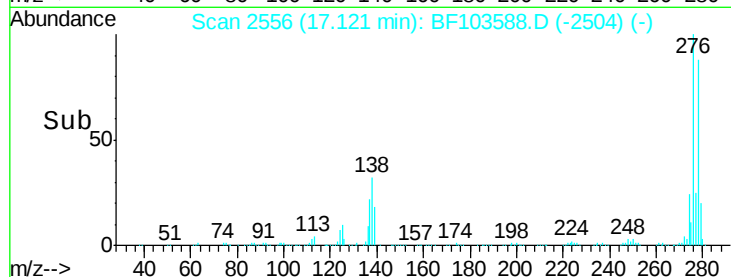
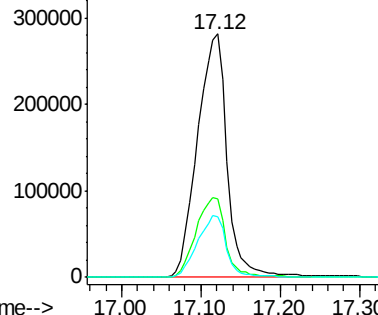
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.0	37.6
277	25.3	20.1	30.1

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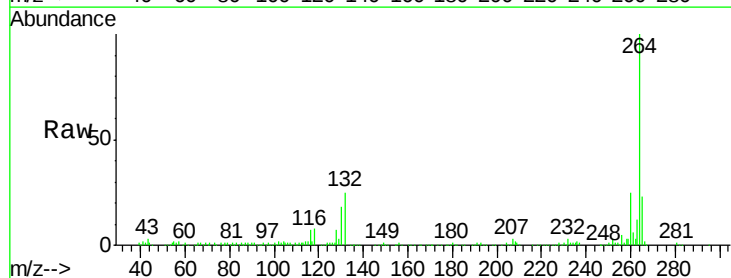


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

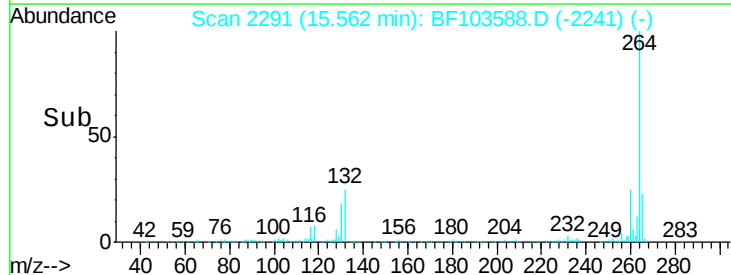
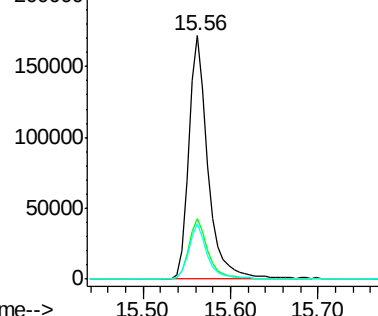


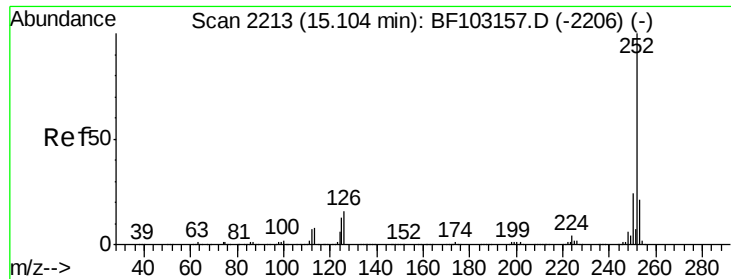
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





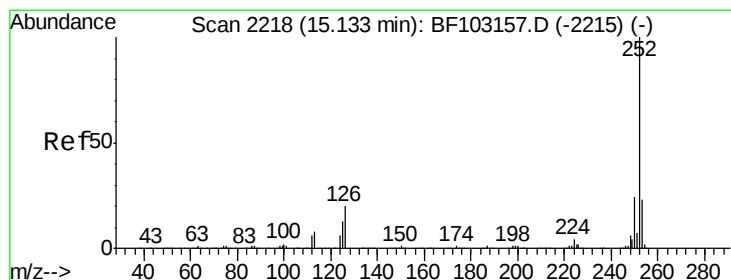
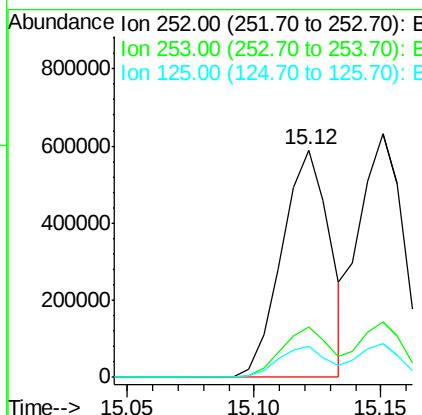
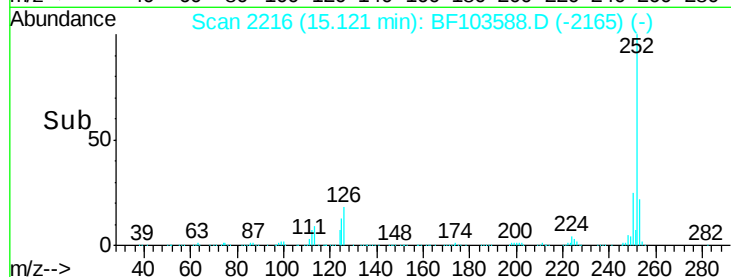
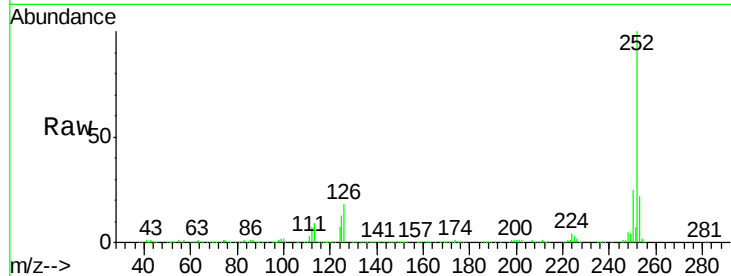
#87
Benzo(b)fluoranthene
Concen: 45.07 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.5	9.0	13.6

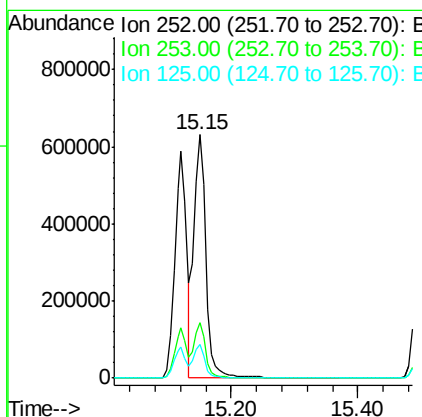
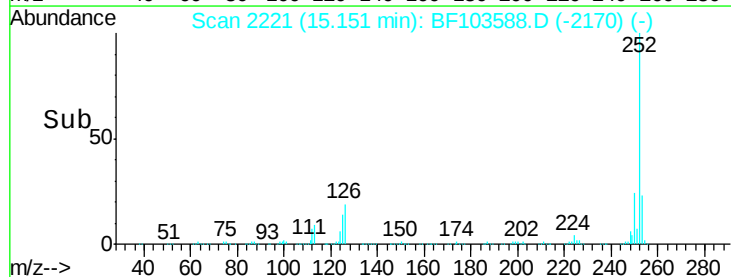
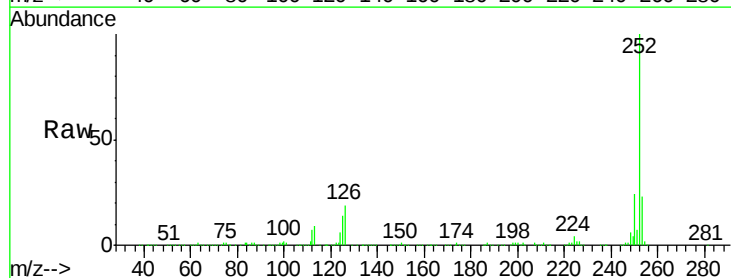
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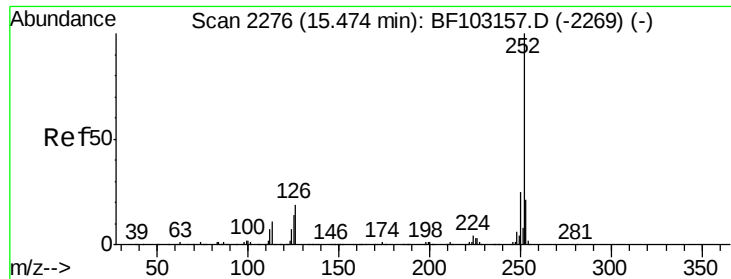
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#88
Benzo(k)fluoranthene
Concen: 50.39 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.9	10.2	15.2





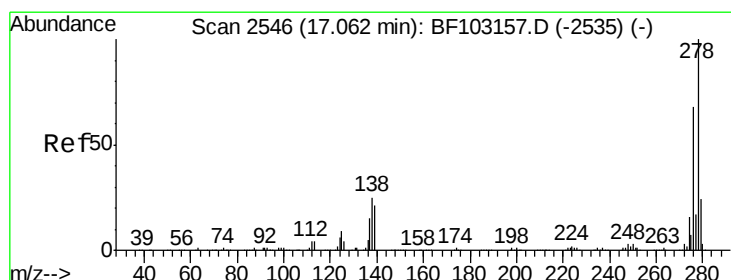
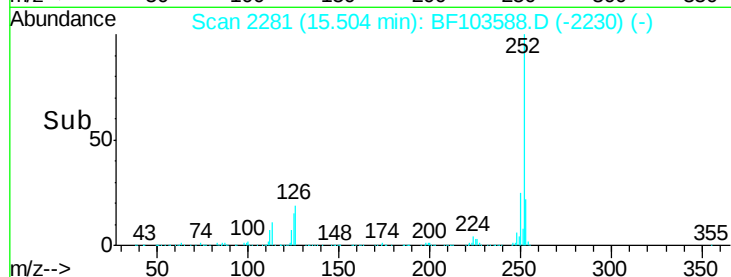
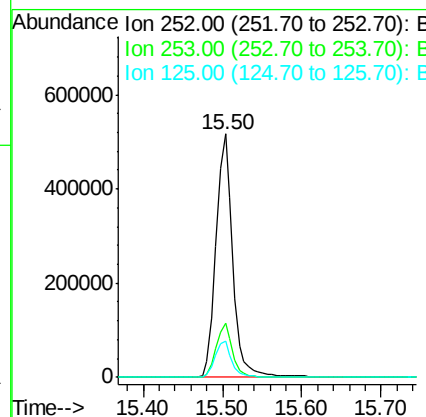
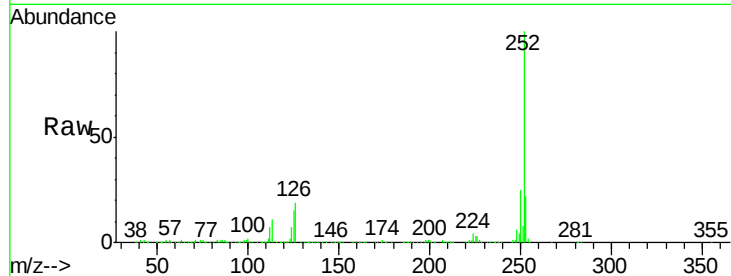
#89
Benzo(a)pyrene
Concen: 49.04 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.6	9.8	14.6

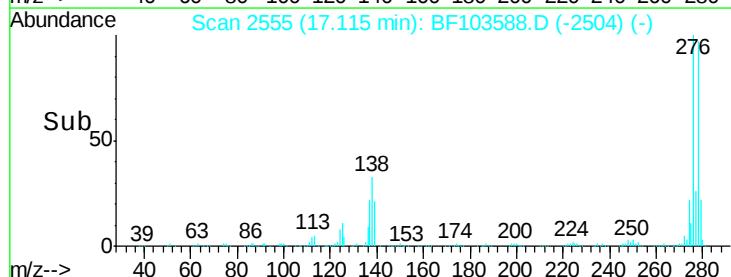
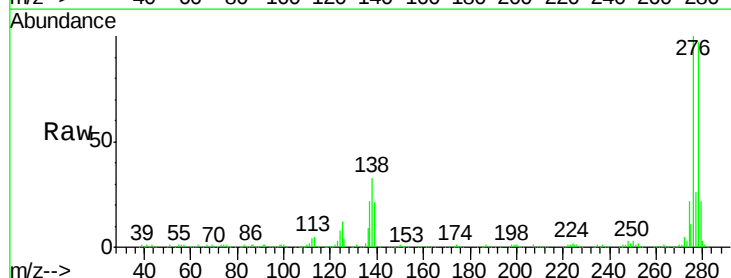
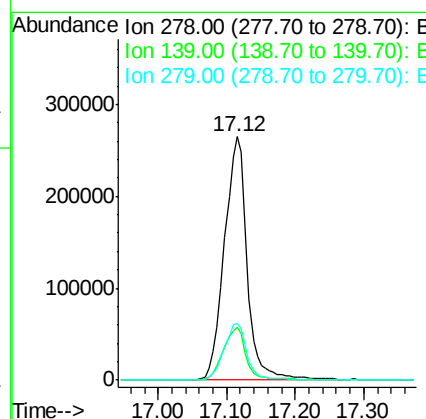
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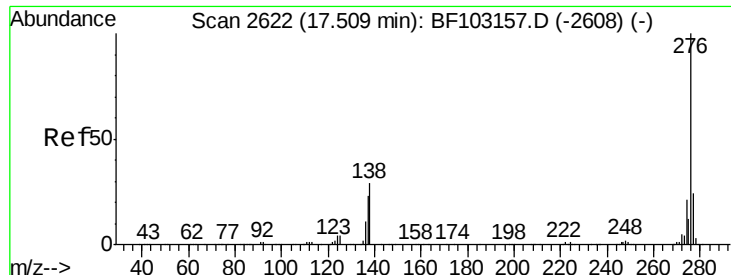
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#90
Dibenzo(a,h)anthracene
Concen: 51.62 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 54.34 ng
 RT: 17.59 min Scan# 2635
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :
 J1867-09MSDMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	27.9	21.8	32.8

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