

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103508.D
 Acq On : 7 Mar 2018 18:26
 Operator : SJ/JU
 Sample : J1808-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11MS

Manual Integrations
 APPROVED

Sohil
 3/8/2018 4:43:07 PM

Quant Time: Mar 08 04:41:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93284	20.00	ng	0.02
21) Naphthalene-d8	8.17	136	188673	20.00	ng	0.02
38) Acenaphthene-d10	9.91	164	220984	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	316052	20.00	ng	0.00
75) Chrysene-d12	14.06	240	185328	20.00	ng	0.00
86) Perylene-d12	15.56	264	161330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1006501	163.19	ng	0.02
7) Phenol-d6	6.52	99	1229698	162.93	ng	0.02
23) Nitrobenzene-d5	7.47	82	453927	137.40	ng	0.04
41) 2,4,6-Tribromophenol	10.70	330	219457	117.32	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1201855	96.80	ng	0.00
78) Terphenyl-d14	12.99	244	808794	104.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	194747	59.782	ng	93
3) Pyridine	3.48	79	409682	47.107	ng	97
4) n-Nitrosodimethylamine	3.44	42	301621	85.994	ng	# 80
6) Aniline	6.56	93	203090	18.645	ng	# 26
8) 2-Chlorophenol	6.67	128	337536	52.680	ng	92
9) Benzaldehyde	6.44	77	181299	39.326	ng	# 1
10) Phenol	6.55	94	459064	52.395	ng	76
11) bis(2-Chloroethyl)ether	6.63	93	359567	54.072	ng	86
12) 1,3-Dichlorobenzene	6.83	146	292616	39.963	ng	97
13) 1,4-Dichlorobenzene	6.90	146	351822	47.925	ng	# 92
14) 1,2-Dichlorobenzene	7.06	146	212995	31.466	ng	# 88
15) Benzyl Alcohol	7.03	79	265246	46.639	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	397136	34.778	ng	# 38
17) 2-Methylphenol	7.15	107	243483	41.815	ng	# 59
18) Hexachloroethane	7.42	117	1057725m	395.789	ng	
19) n-Nitroso-di-n-propylamine	7.31	70	309180	65.823	ng	# 90
20) 3+4-Methylphenols	7.31	107	390966	55.082	ng	# 63
22) Acetophenone	7.28	105	2311920	524.966	ng	# 60
24) Nitrobenzene	7.49	77	392937	108.026	ng	# 95
25) Isophorone	7.71	82	805869	123.850	ng	# 90
26) 2-Nitrophenol	7.80	139	133902	78.197	ng	# 25
27) 2,4-Dimethylphenol	7.83	122	160810	61.438	ng	88
28) bis(2-Chloroethoxy)methane	7.92	93	154666	40.429	ng	94
29) 2,4-Dichlorophenol	8.05	162	283594	113.168	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	245811	92.114	ng	# 92
31) Naphthalene	8.20	128	3178902	344.146	ng	# 96
32) Benzoic acid	7.96	122	23947	17.469	ng	# 1
33) 4-Chloroaniline	8.25	127	103224	25.897	ng	# 62
34) Hexachlorobutadiene	8.29	225	143229	103.070	ng	100
35) Caprolactam	8.61	113	93250	105.878	ng	# 17
36) 4-Chloro-3-methylphenol	8.73	107	330744	117.015	ng	99
37) 2-Methylnaphthalene	8.89	142	2724369	456.364	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	274355	45.414	ng	100
40) Hexachlorocyclopentadiene	9.01	237	279	8.998	ng	89

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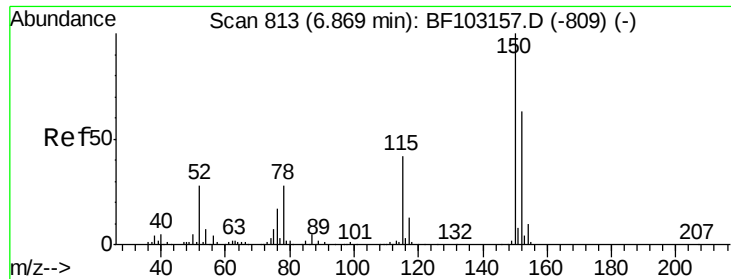
Manual Integrations
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Sohil
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	195933	48.200	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	202676	43.350	nq	# 94
45) 1,1'-Biphenyl	9.33	154	878062	47.418	nq	99
46) 2-Chloronaphthalene	9.36	162	648339	44.256	nq	98
47) 2-Nitroaniline	9.47	65	288061	53.084	nq	90
48) Acenaphthylene	9.77	152	955352	42.385	nq	99
49) Dimethylphthalate	9.63	163	849825	47.938	nq	100
50) 2,6-Dinitrotoluene	9.70	165	155663	41.842	nq	# 90
51) Acenaphthene	9.95	154	583214	44.373	nq	99
52) 3-Nitroaniline	9.87	138	131758	27.915	nq	97
53) 2,4-Dinitrophenol	10.02	184	1032	10.297	nq	# 1
54) Dibenzofuran	10.12	168	821820	45.549	nq	94
55) 4-Nitrophenol	10.06	139	203164	69.451	nq	88
56) 2,4-Dinitrotoluene	10.12	165	179934	38.243	nq	# 67
57) Fluorene	10.46	166	670923	43.652	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	147015	46.809	nq	97
59) Diethylphthalate	10.32	149	752038	44.355	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	298394	45.781	nq	98
61) 4-Nitroaniline	10.50	138	180935	38.380	nq	98
62) Azobenzene	10.61	77	792081	45.896	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	5991	7.740	nq	# 1
65) n-Nitrosodiphenylamine	10.57	169	597492	54.295	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	166770	50.654	nq	97
67) Hexachlorobenzene	11.01	284	161046	45.067	nq	93
68) Atrazine	11.09	200	142083	42.957	nq	97
69) Pentachlorophenol	11.22	266	116627	67.499	nq	98
70) Phenanthrene	11.43	178	853267	49.057	nq	99
71) Anthracene	11.48	178	872618	48.925	nq	100
72) Carbazole	11.64	167	791013	44.535	nq	99
73) Di-n-butylphthalate	11.95	149	1031112	46.395	nq	99
74) Fluoranthene	12.62	202	834373	47.737	nq	97
76) Benzidine	12.74	184	177685	25.645	nq	98
77) Pyrene	12.86	202	849425	58.787	nq	100
79) Butylbenzylphthalate	13.45	149	376163	49.274	nq	95
80) Benzo(a)anthracene	14.05	228	703500	58.504	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	155888	36.326	nq	100
82) Chrysene	14.09	228	648796	55.568	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	487252	47.297	nq	# 99
84) Di-n-octyl phthalate	14.63	149	884422	53.135	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	478180	51.732	nq	98
87) Benzo(b)fluoranthene	15.12	252	665600	62.749	nq	# 97
88) Benzo(k)fluoranthene	15.15	252	513510	51.410	nq	98
89) Benzo(a)pyrene	15.50	252	563309	59.469	nq	# 96
90) Dibenzo(a,h)anthracene	17.11	278	368792	50.386	nq	98
91) Benzo(g,h,i)perylene	17.57	276	408404	57.091	nq	98

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



#1

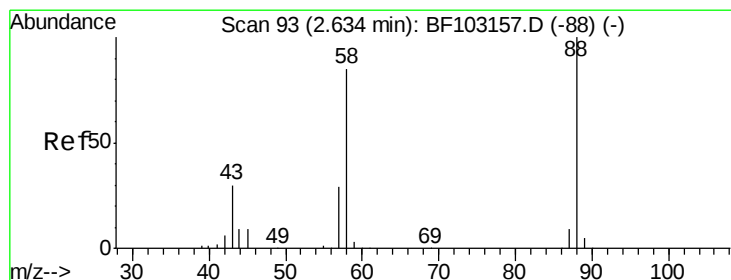
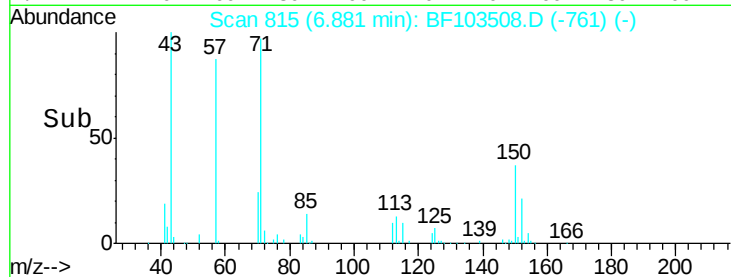
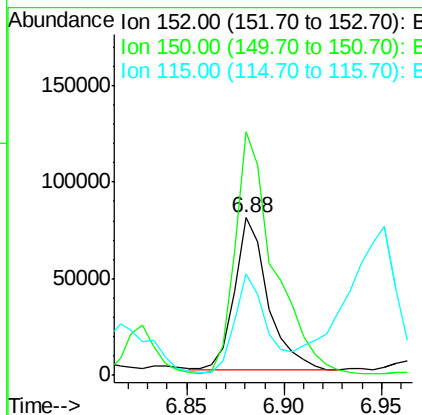
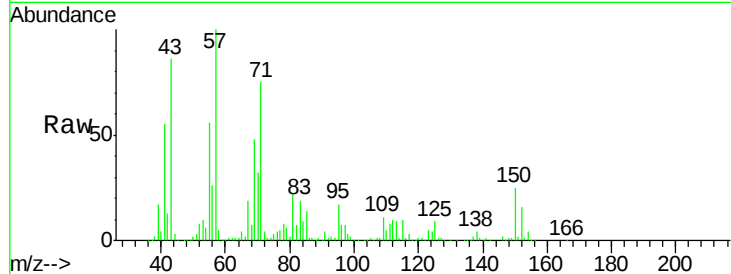
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	64.1	50.1	75.1

Manual Integrations
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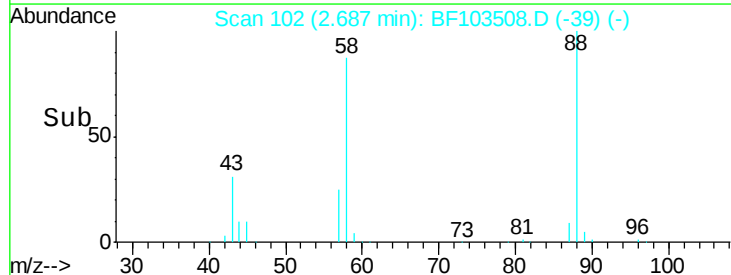
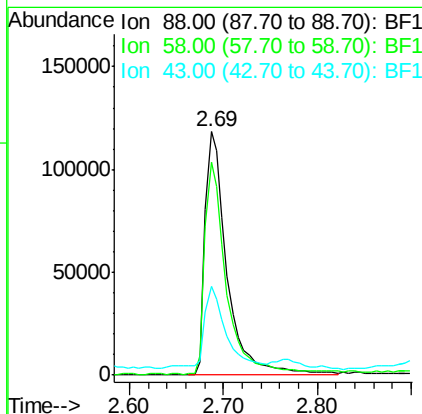
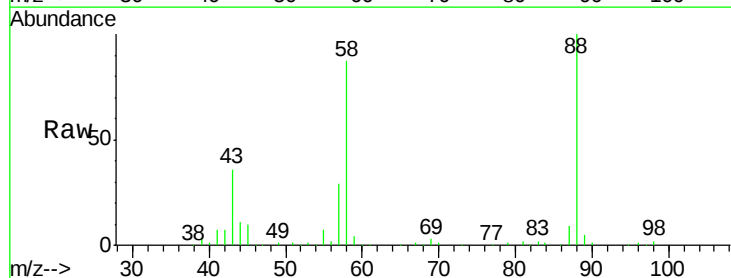
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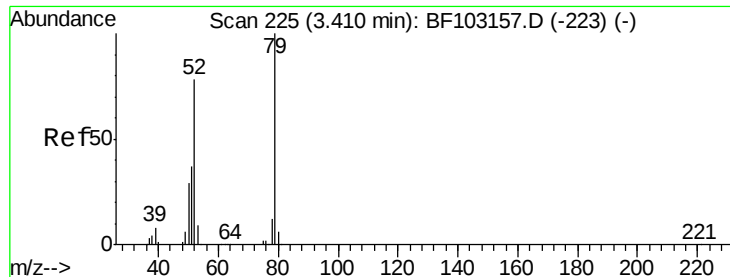


#2

1,4-Dioxane
Concen: 59.782 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.07 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	62.6	93.8
43	32.1	24.6	37.0





#3

Pvridine

Concen: 47.107 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

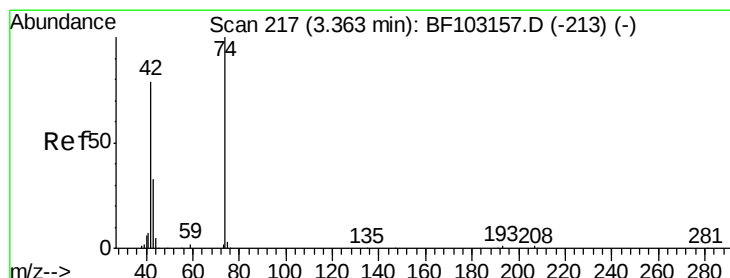
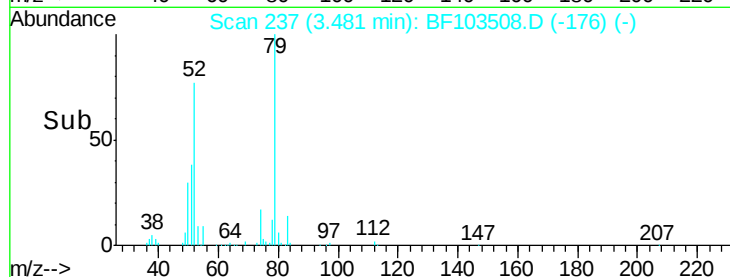
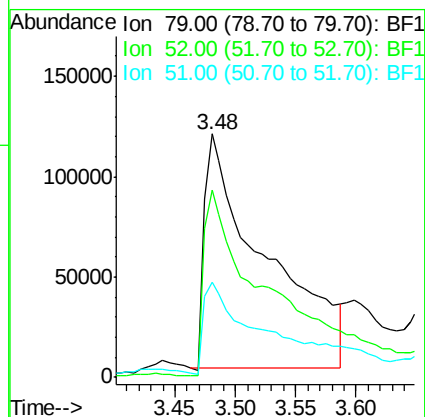
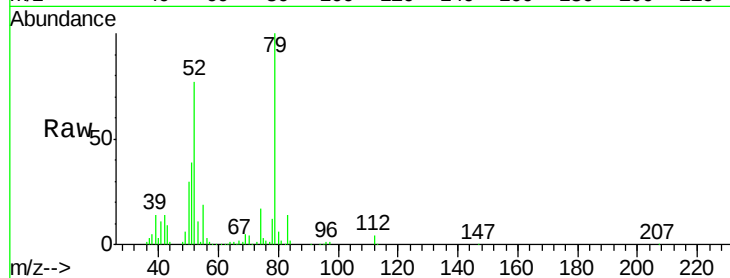
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	79	Resp:	409682
Ion Ratio	Lower	Upper	
79	100		
52	77.2	59.8	89.6
51	39.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 85.994 ng

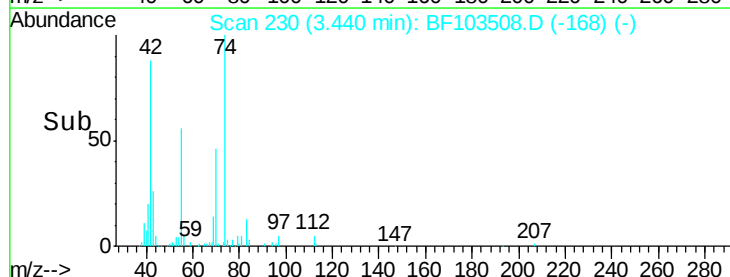
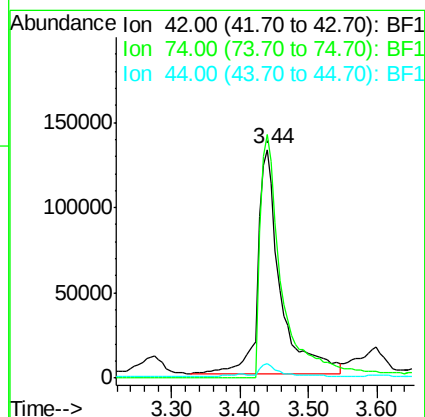
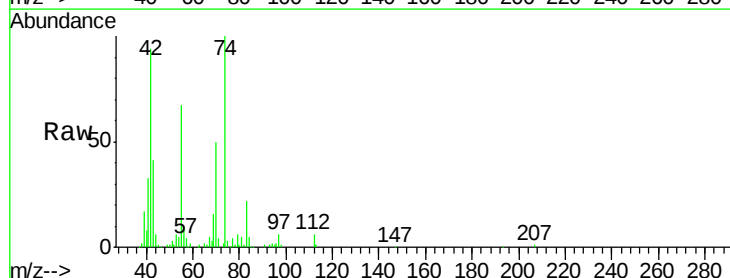
RT: 3.44 min Scan# 230

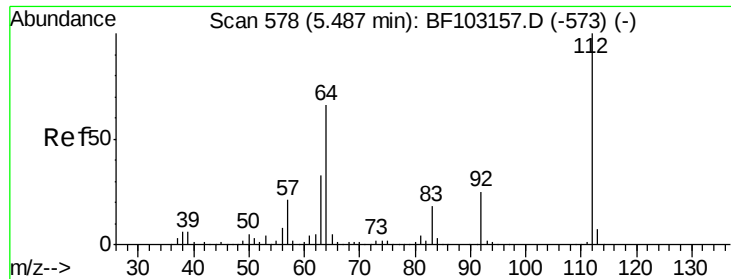
Delta R.T. 0.06 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	42	Resp:	301621
Ion Ratio	Lower	Upper	
42	100		
74	106.5	104.9	157.3
44	6.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 163.186 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

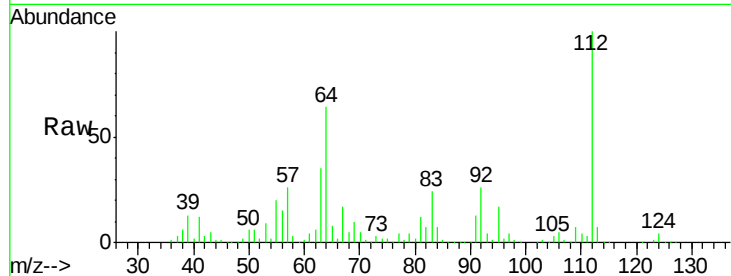
ClientSampleId :

SB-04-9.5-11MS

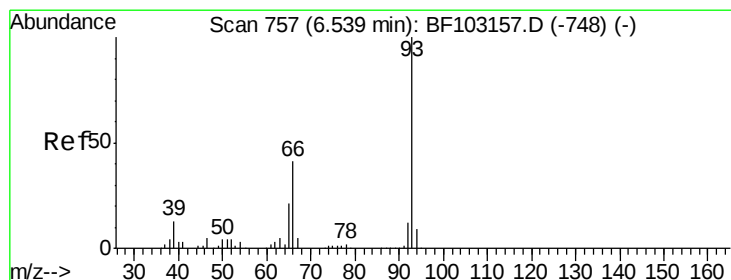
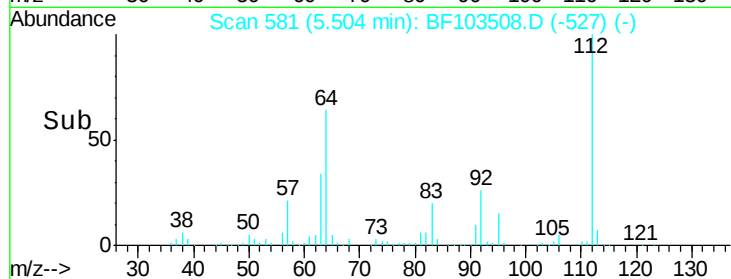
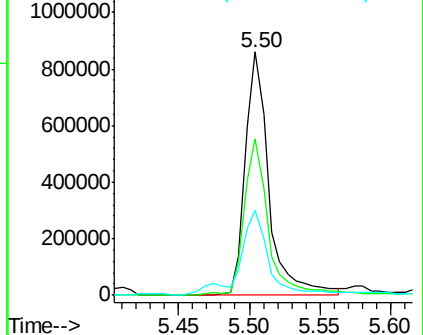
Tot Ion:	112	Resp:	1006501
Ion Ratio	Lower	Upper	
112	100		
64	64.5	47.9	71.9
63	34.8	23.7	35.5

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



#6

Aniline

Concen: 18.645 ng

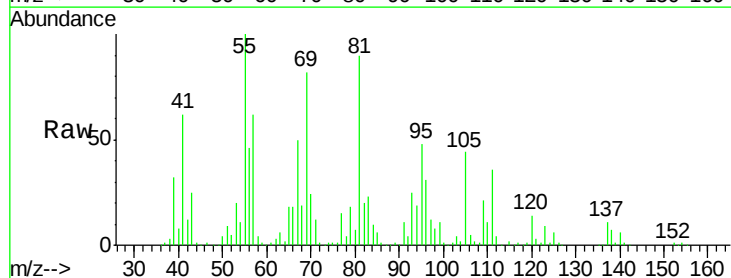
RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

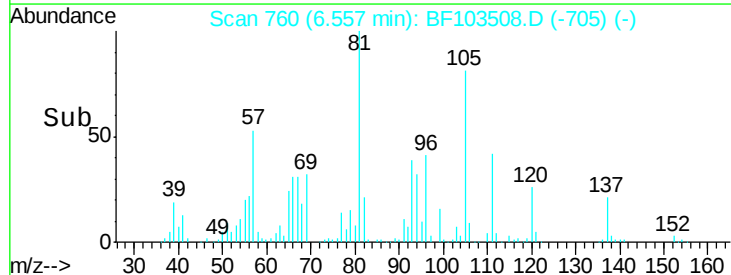
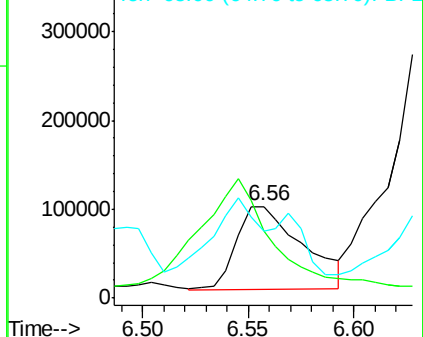
Lab File: BF103508.D

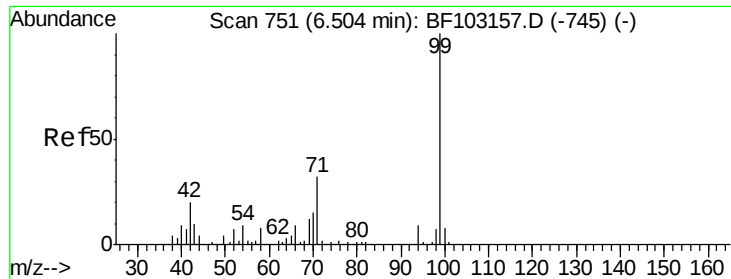
Acq: 7 Mar 2018 18:26

Tgt Ion:	93	Resp:	203090
Ion Ratio	Lower	Upper	
93	100		
66	73.2	32.2	48.2#
65	73.0	16.4	24.6#



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





#7

Phenol-d6

Concen: 162.933 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-11MS

Tot Ion: 99 Resp: 1229698

Ion Ratio Lower Upper

99 100

42 22.6 14.5 21.7#

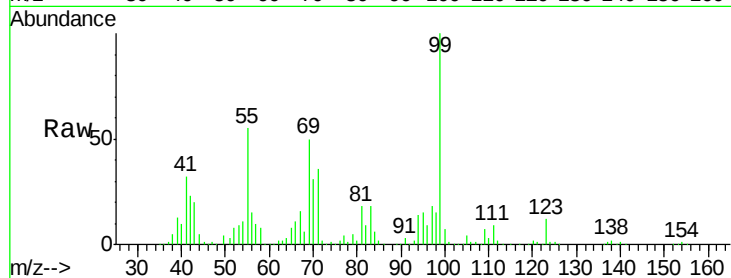
71 36.2 25.4 38.0

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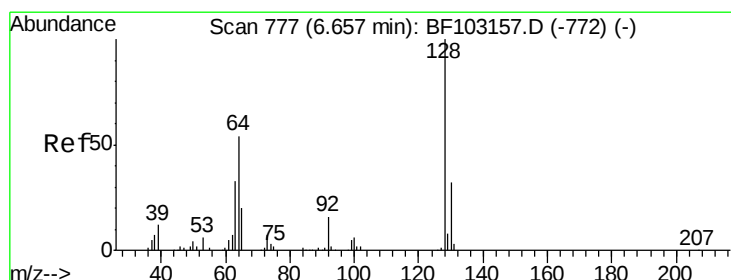
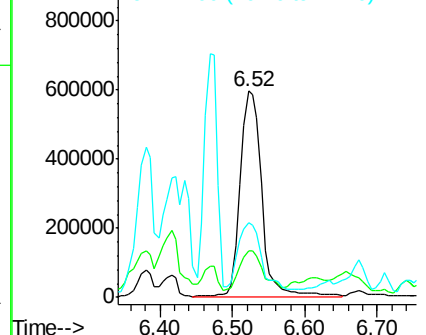
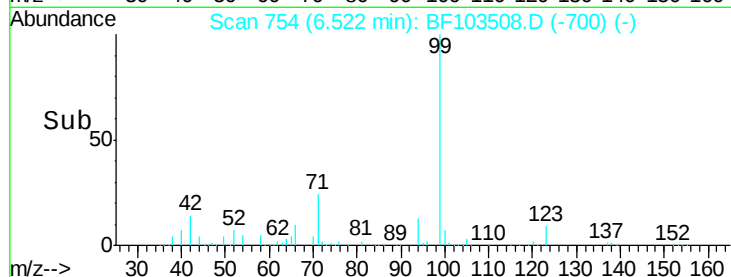
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.680 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

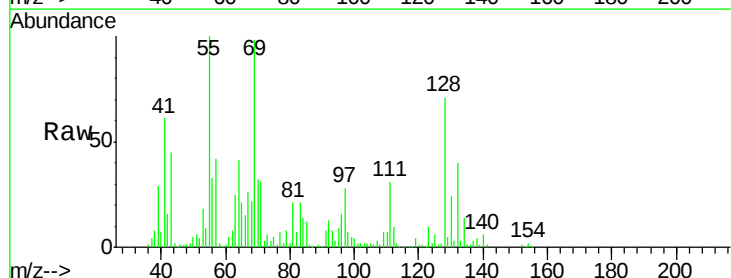
Tgt Ion:128 Resp: 337536

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

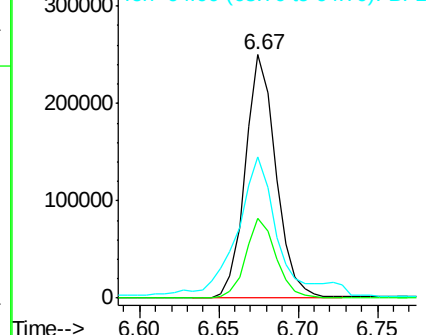
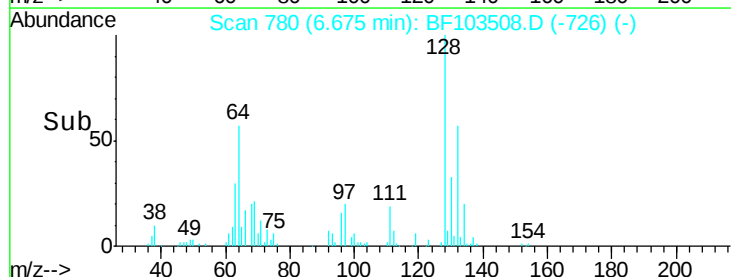
64 58.0 29.4 69.4

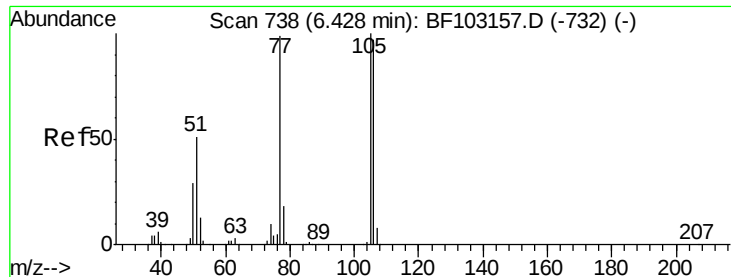


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.326 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

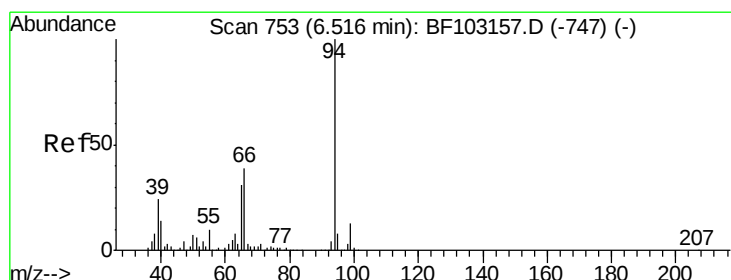
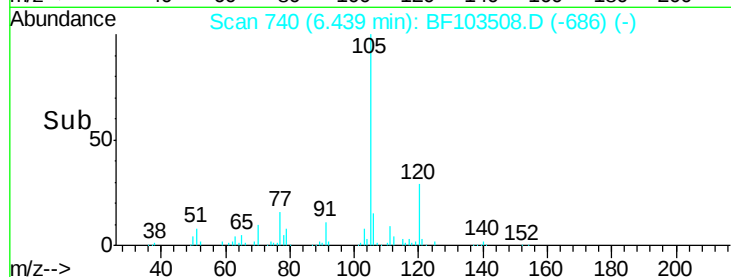
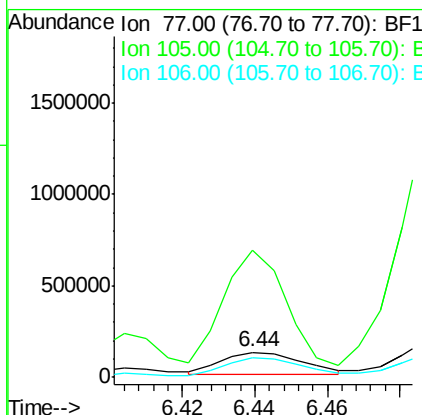
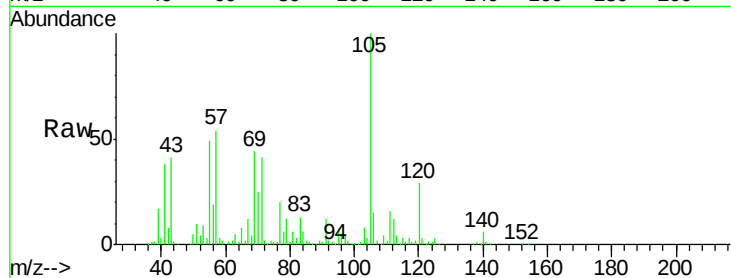
ClientSampleId :

SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	507.2	81.1	121.1#
106	76.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 52.395 ng

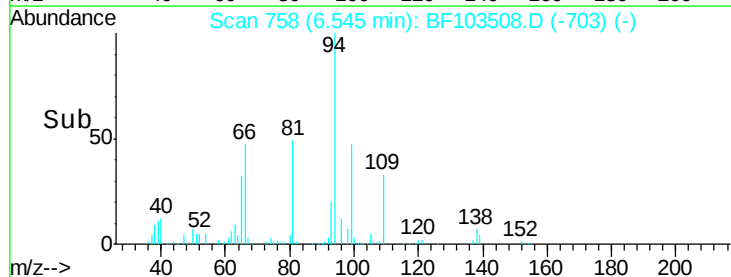
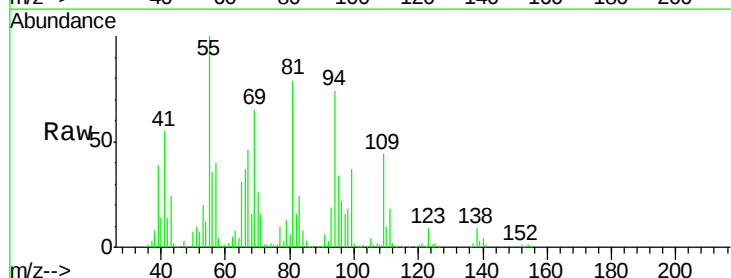
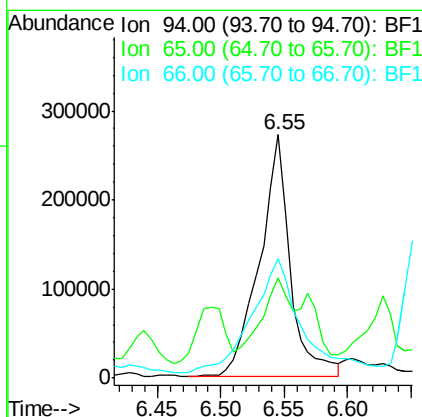
RT: 6.55 min Scan# 758

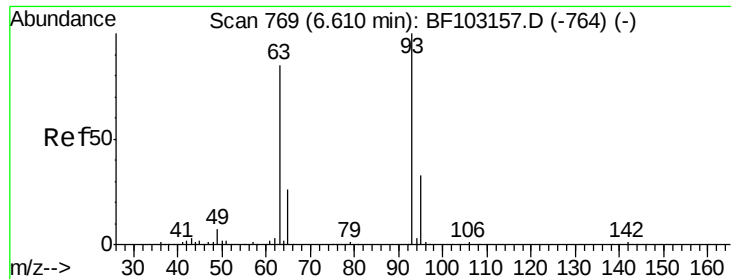
Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.4	7.9	47.9
66	49.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 54.072 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

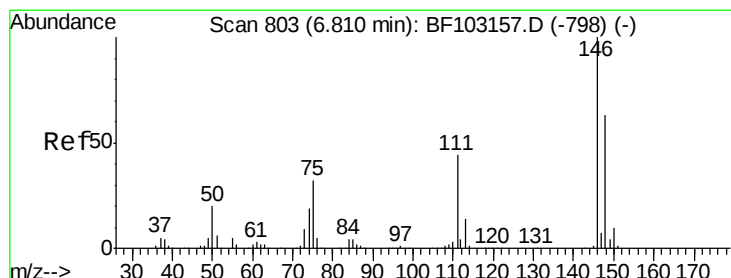
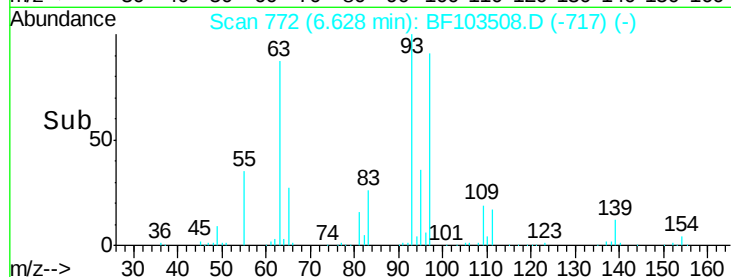
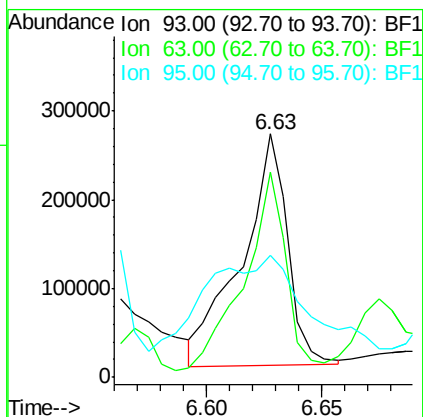
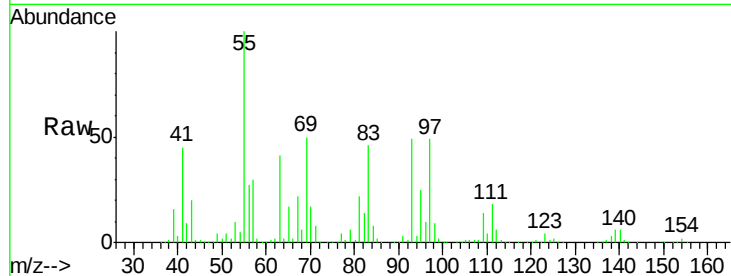
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	93	Resp:	359567
Ion Ratio	Lower	Upper	
93	100		
63	84.2	58.6	98.6
95	50.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 39.963 ng

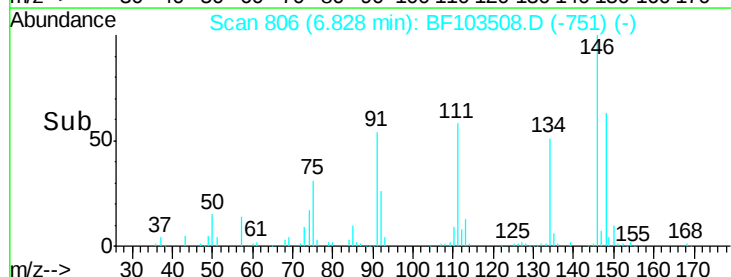
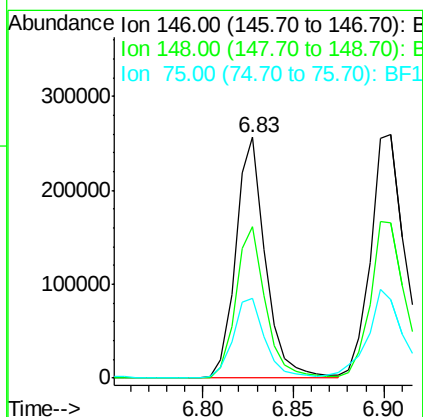
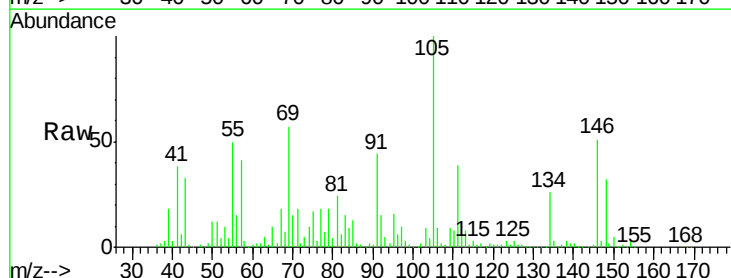
RT: 6.83 min Scan# 806

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	146	Resp:	292616
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.8
75	33.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 47.925 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

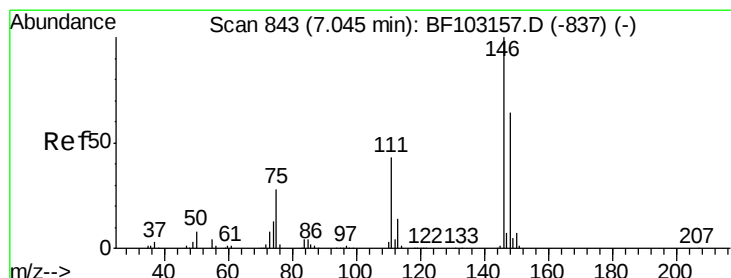
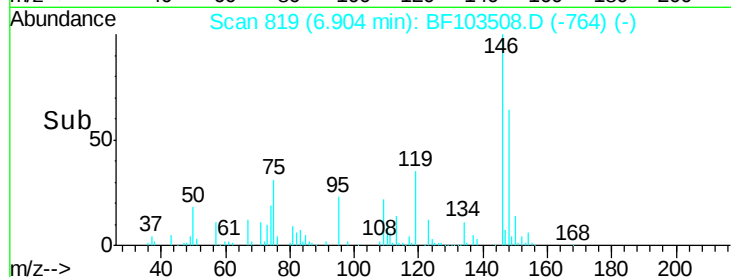
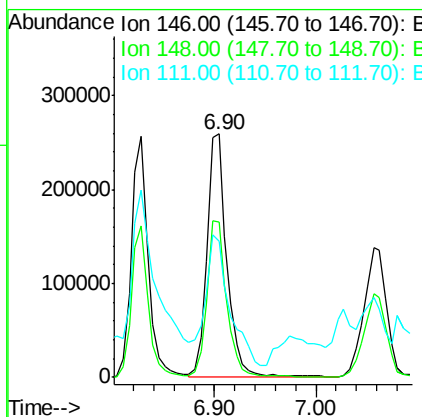
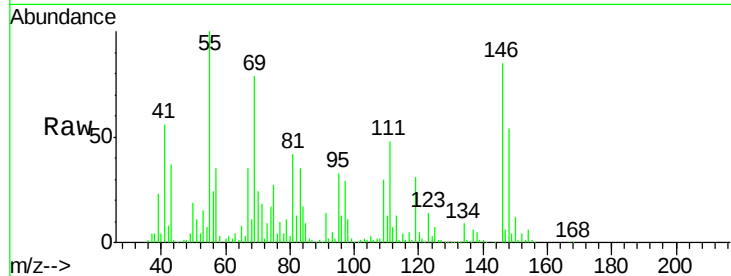
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	146	Resp:	351822
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.8	76.2
111	56.1	34.2	51.2#

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#14

1,2-Dichlorobenzene

Concen: 31.466 ng

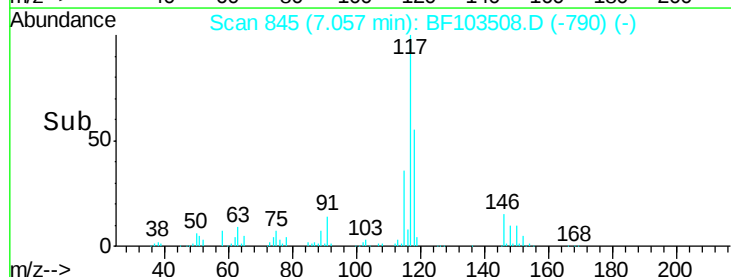
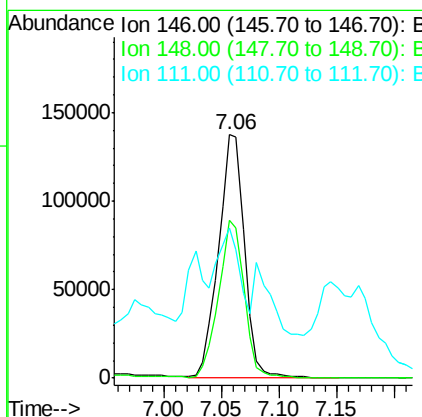
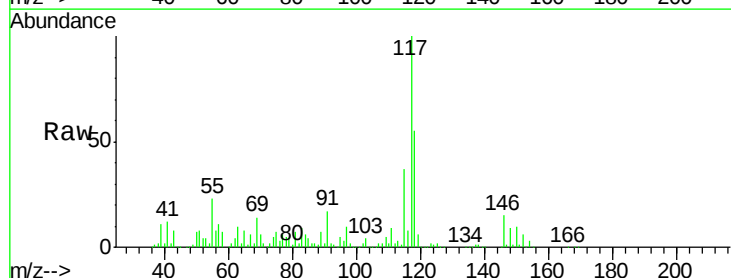
RT: 7.06 min Scan# 845

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	146	Resp:	212995
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.6	75.8
111	61.4	36.0	54.0#





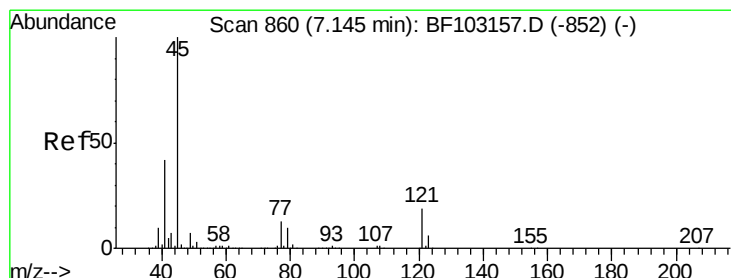
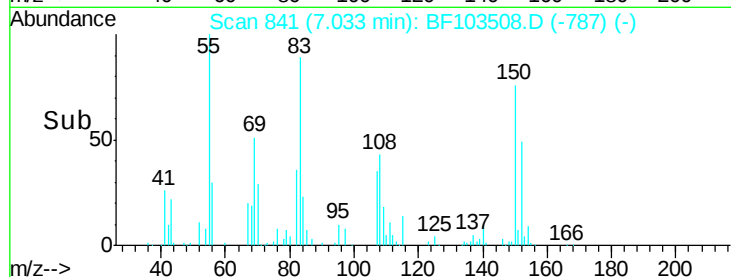
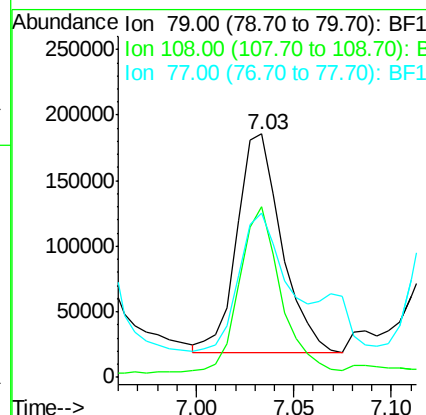
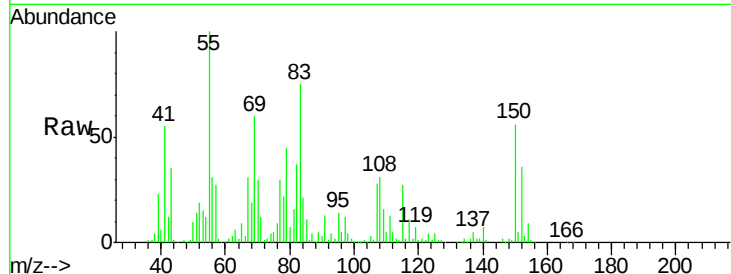
#15
Benzyl Alcohol
Concen: 46.639 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.9	65.1	97.7
77	67.5	50.6	75.8

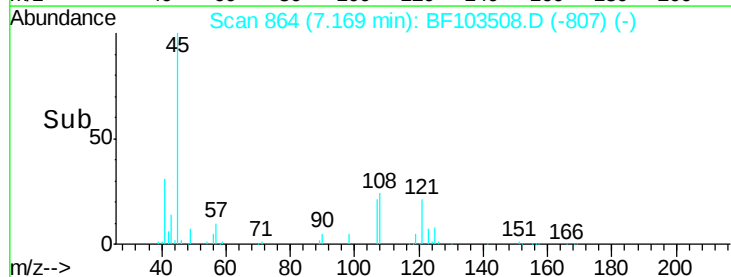
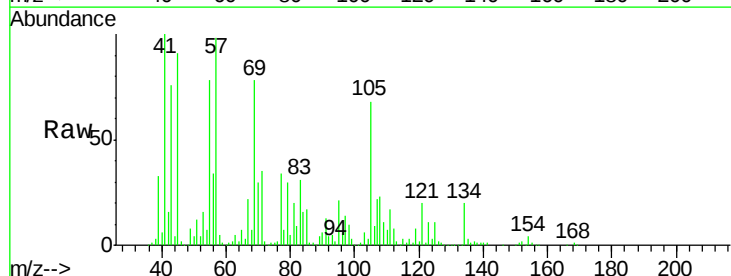
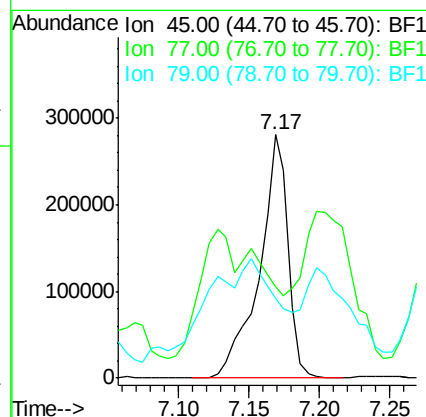
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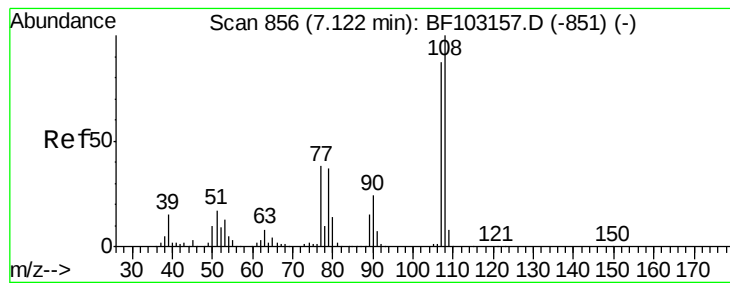
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.778 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.04 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.2	0.0	32.9#
79	32.9	0.0	29.6#





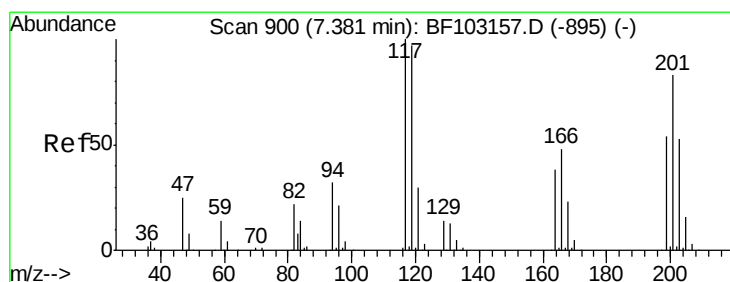
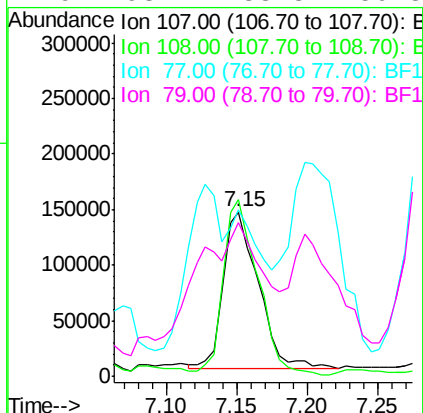
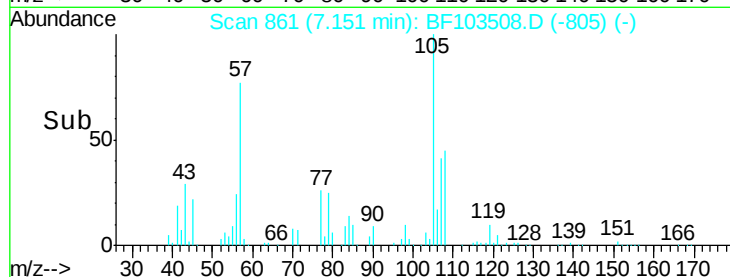
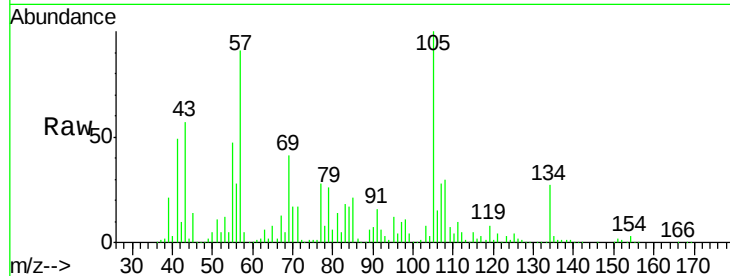
#17
2-Methylphenol
Concen: 41.815 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.03 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.1	91.7	137.5
77	101.5	33.8	50.8#
79	93.2	33.8	50.8#

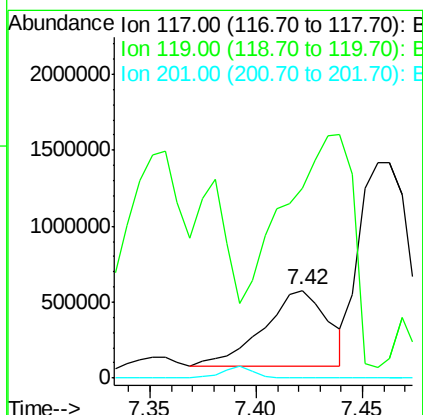
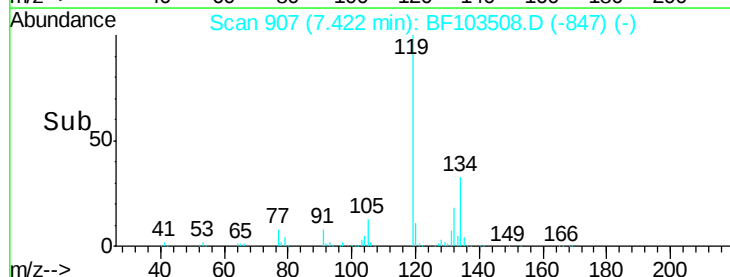
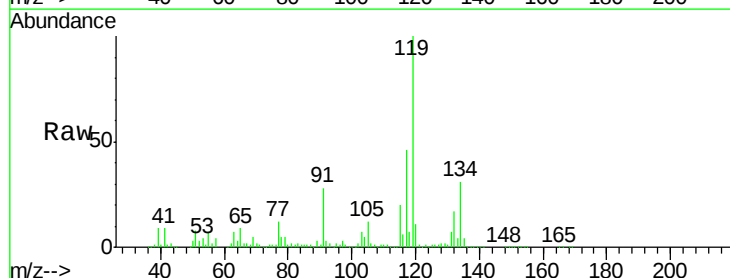
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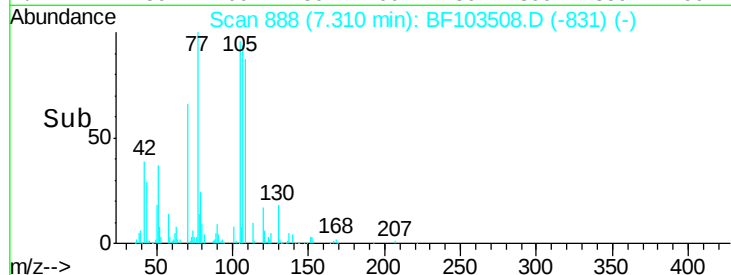
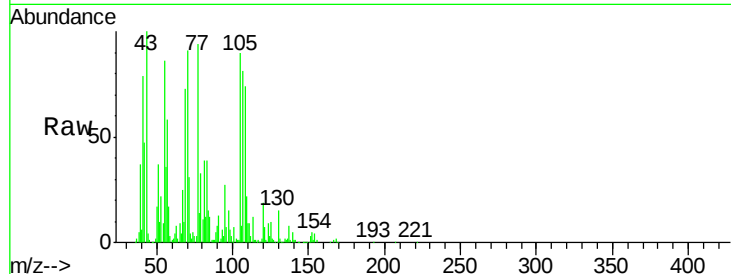
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#18
Hexachloroethane
Concen: 395.789 ng m
RT: 7.42 min Scan# 907
Delta R.T. 0.05 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	215.6	75.8	113.8#
201	0.0	75.7	113.5#





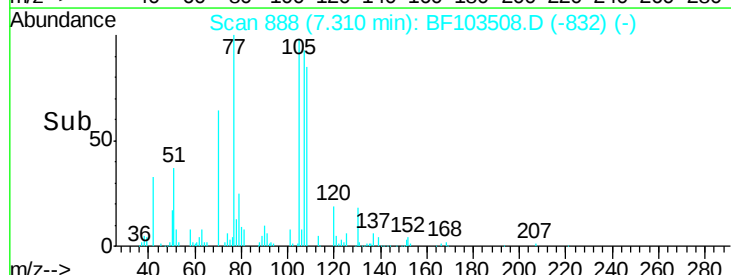
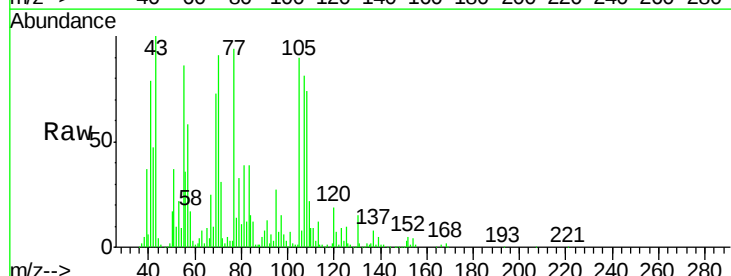
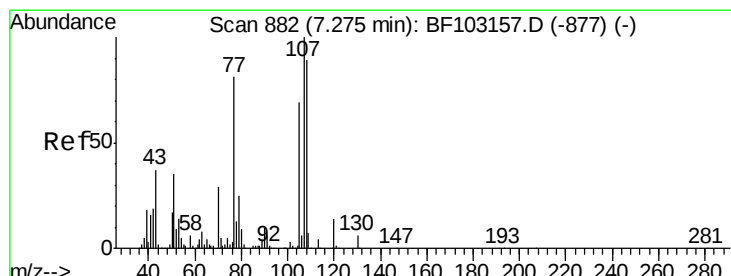
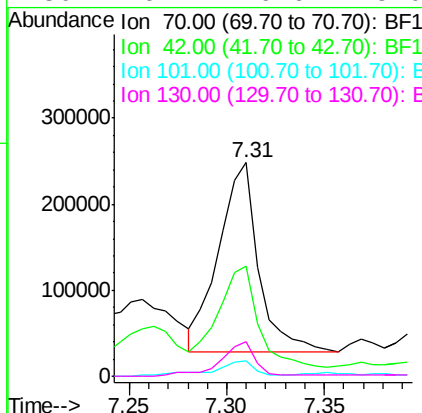
#19
n-Nitroso-di-n-propylamine
Concen: 65.823 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.04 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.5	71.3
101	7.2	7.4	11.2#
130	16.4	16.6	25.0#

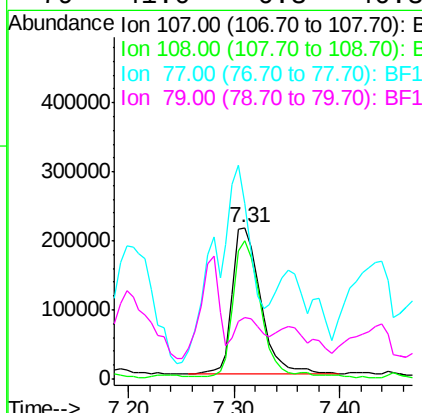
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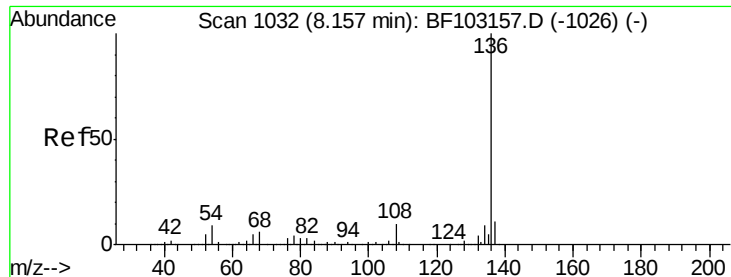
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#20
3+4-Methylphenols
Concen: 55.082 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.03 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	116.1	26.7	66.7#
79	41.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

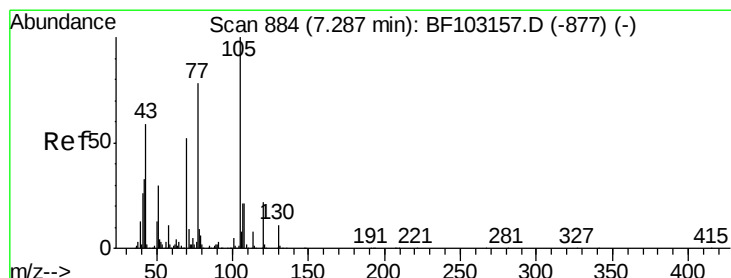
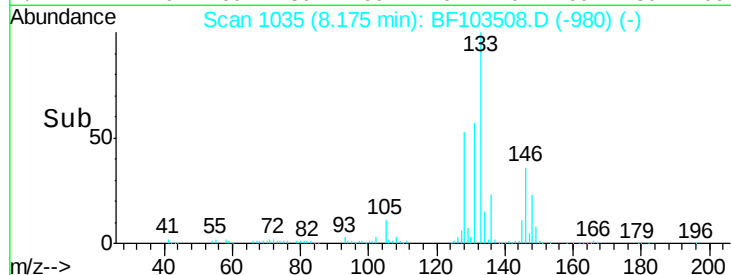
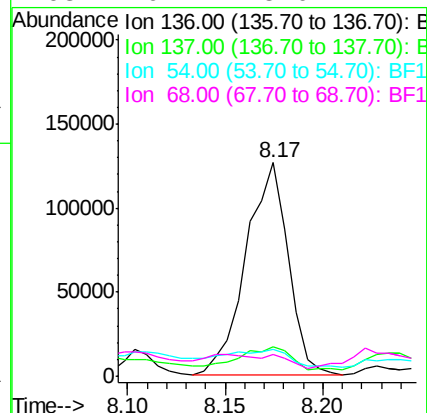
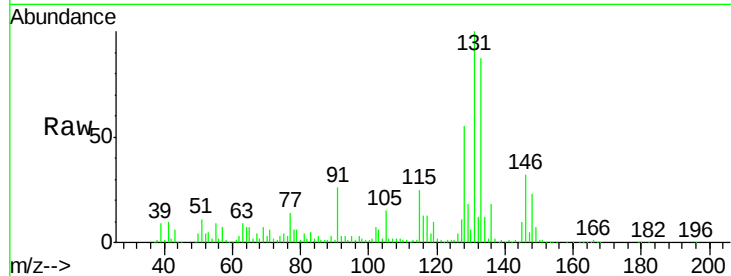
ClientSampleId :

SB-04-9.5-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	13.9	8.9	13.3#	
54	12.6	6.6	9.8#	
68	10.1	5.0	7.4#	

Manual Integrations
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#22

Acetophenone

Concen: 524.966 ng

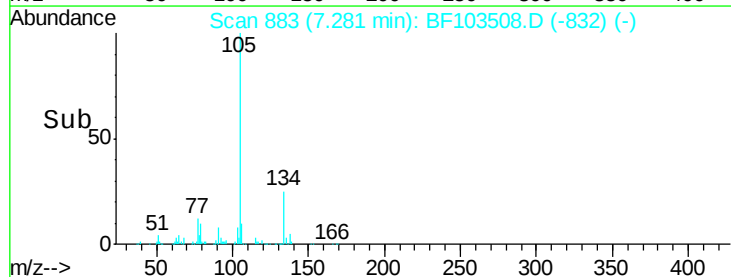
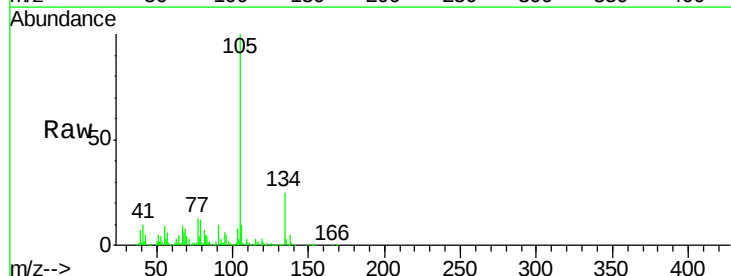
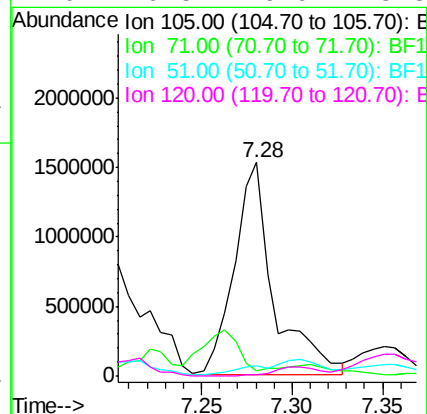
RT: 7.28 min Scan# 883

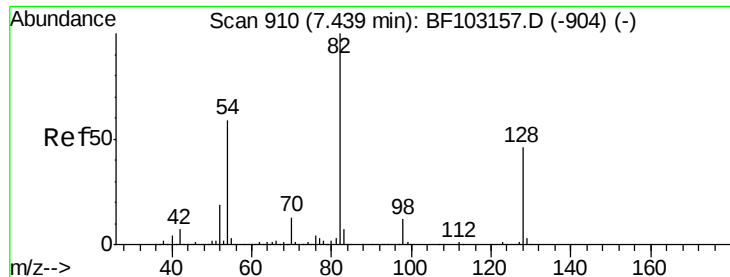
Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	4.4	6.6#	
51	4.7	22.3	33.5#	
120	0.5	16.9	25.3#	





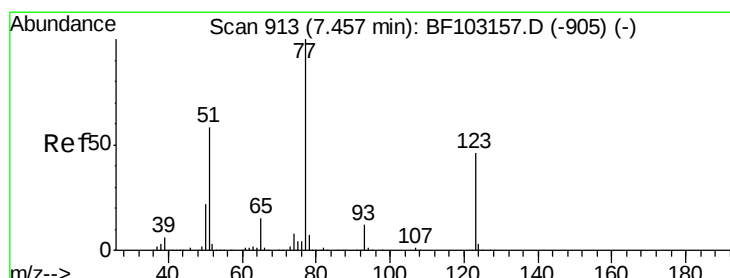
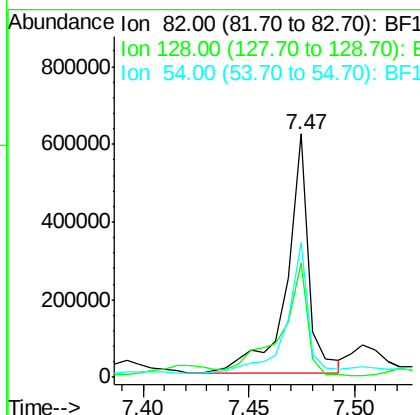
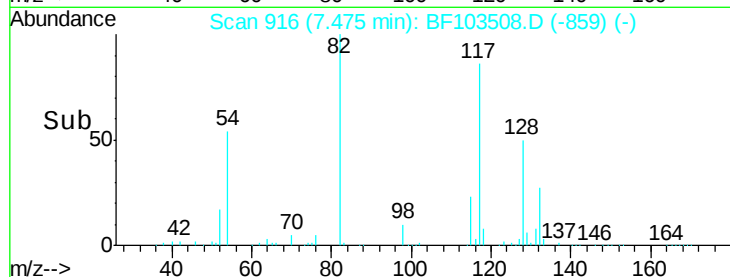
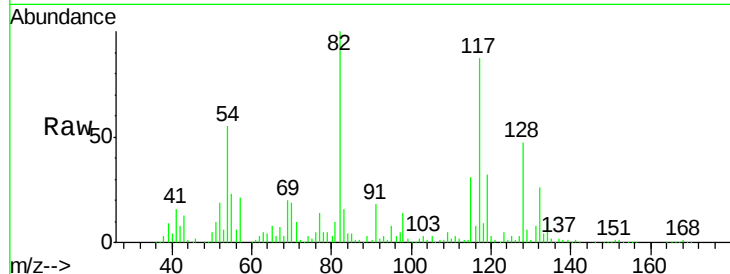
#23
Nitrobenzene-d5
Concen: 137.397 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.04 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	453927		
128	47.2	36.1	54.1	
54	55.3	41.4	62.2	

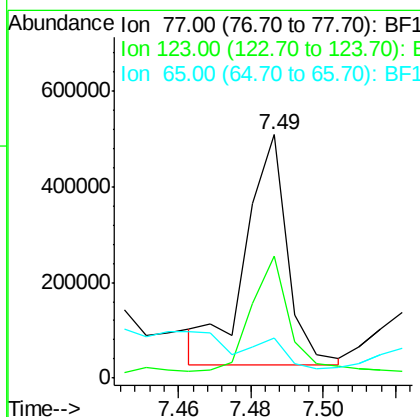
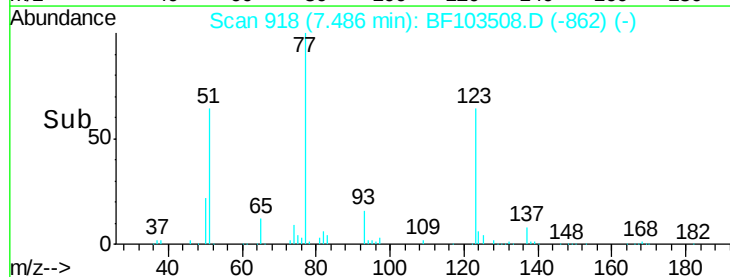
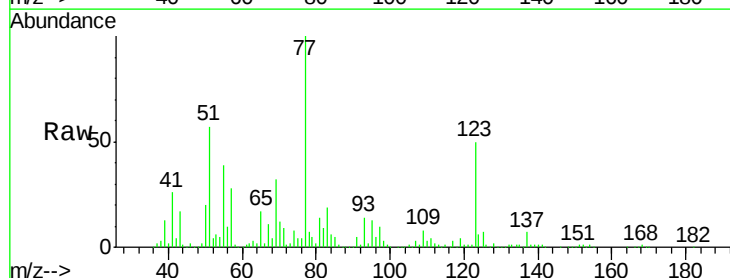
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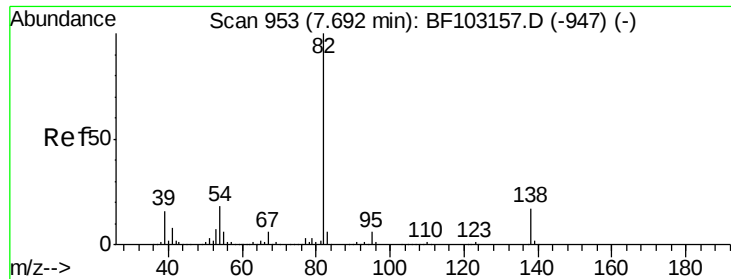
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#24
Nitrobenzene
Concen: 108.026 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.03 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	392937		
123	50.3	37.9	56.9	
65	16.7	11.0	16.4	





#25

Isophorone

Concen: 123.850 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

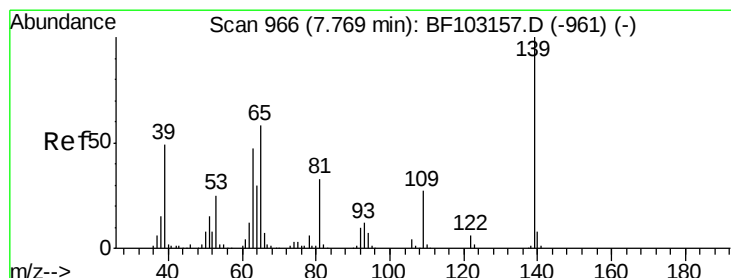
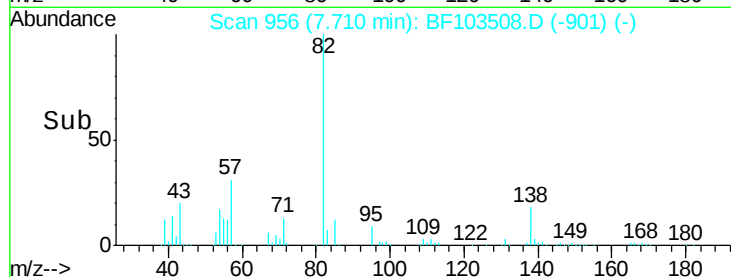
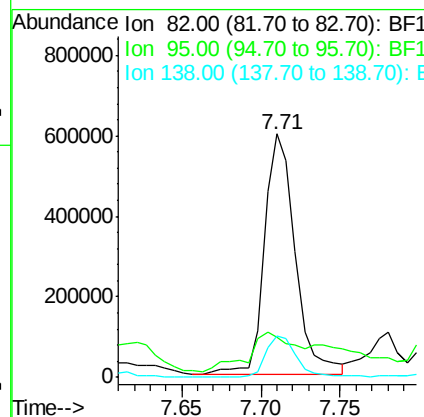
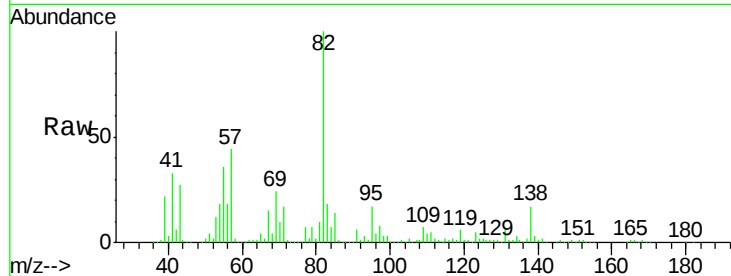
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	82	Resp:	805869
Ion	Ratio	Lower	Upper
82	100		
95	16.6	5.2	7.8#
138	17.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 78.197 ng

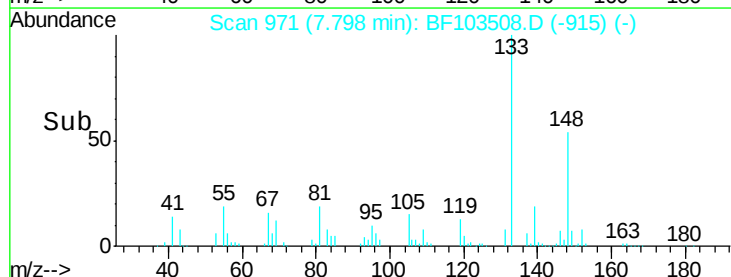
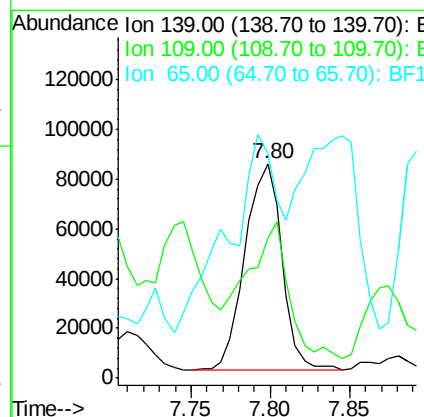
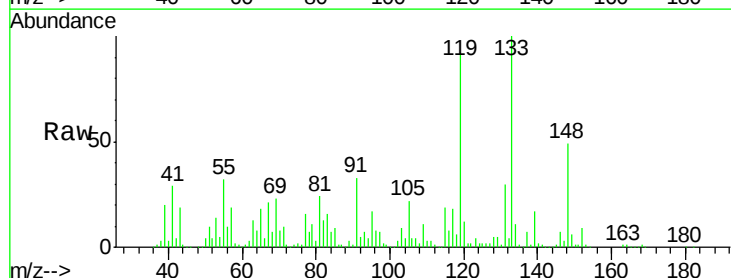
RT: 7.80 min Scan# 971

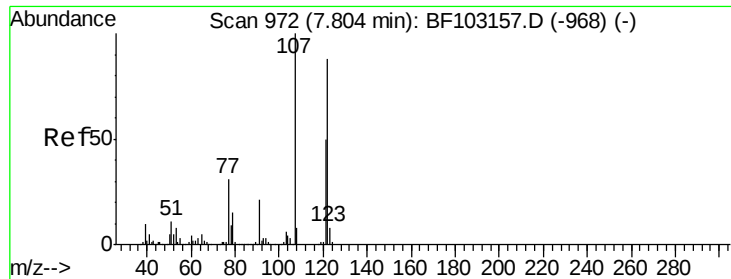
Delta R.T. 0.03 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	139	Resp:	133902
Ion	Ratio	Lower	Upper
139	100		
109	65.3	22.7	34.1#
65	104.6	40.5	60.7#





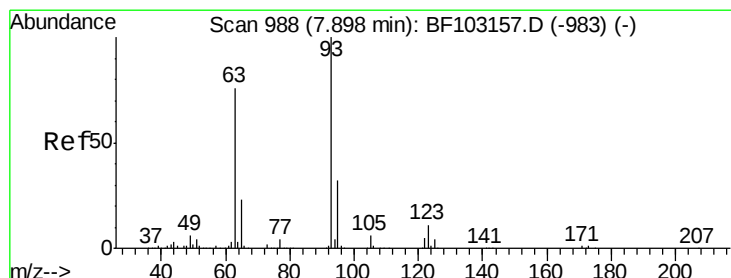
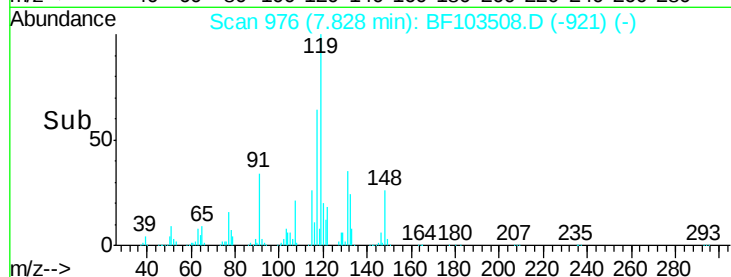
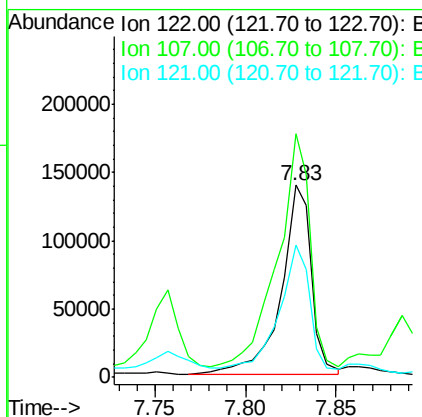
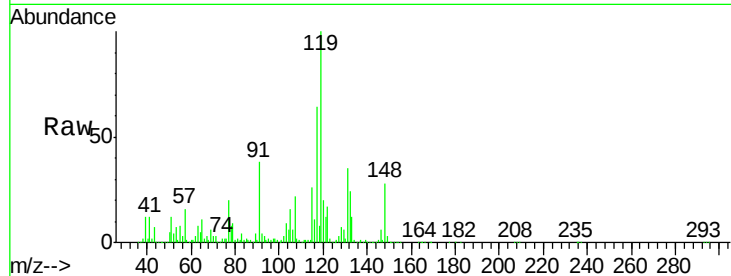
#27
 2,4-Dimethylphenol
 Concen: 61.438 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.02 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	91.2	136.8
121	68.6	47.2	70.8

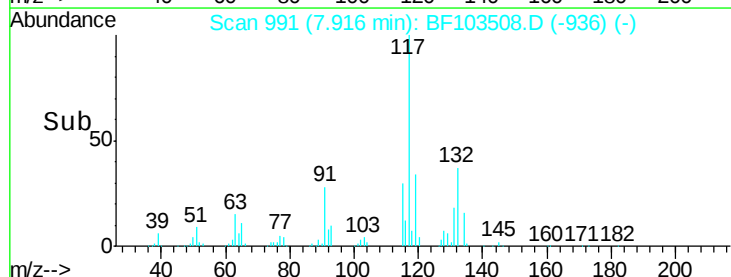
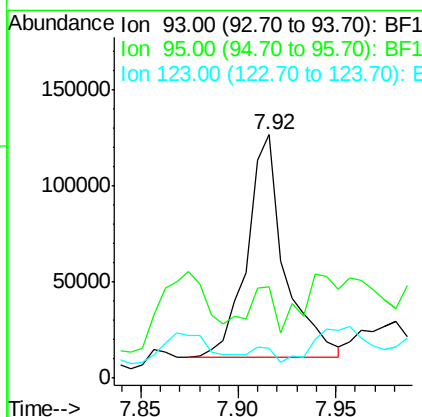
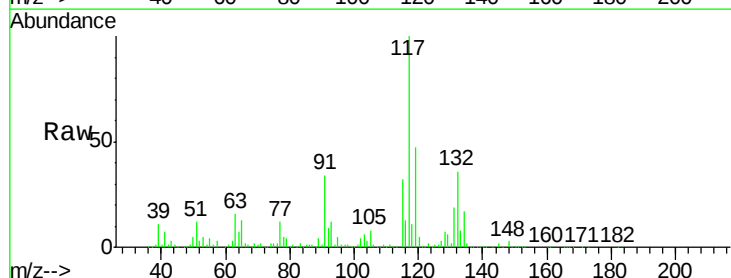
Manual Integrations
 APPROVED

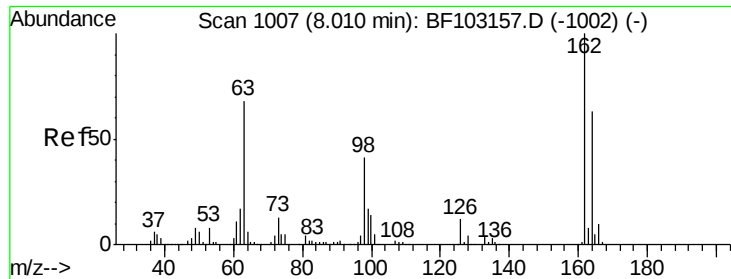
Sohil
 3/8/2018 4:43:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.429 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.02 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	37.7	26.3	39.5
123	12.5	9.8	14.6





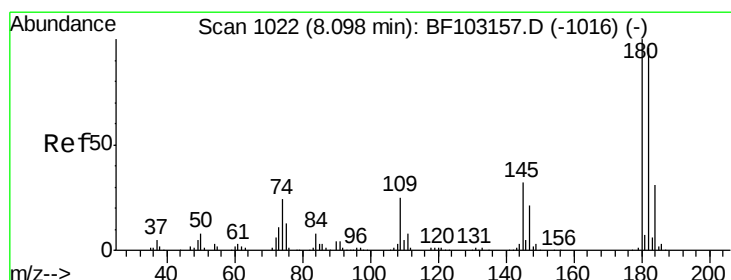
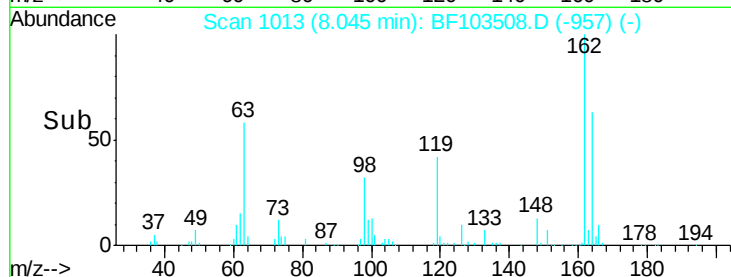
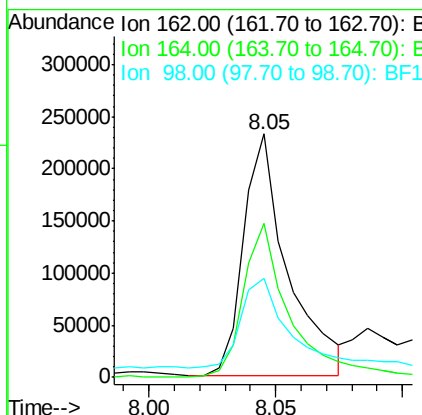
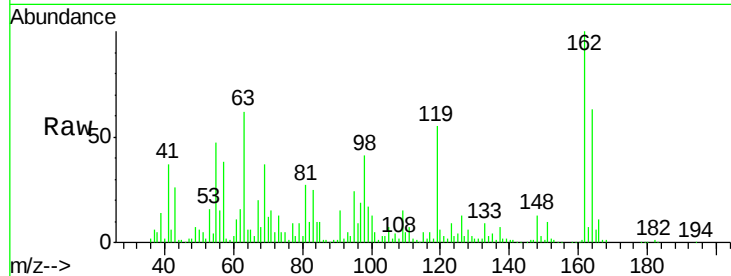
#29
2,4-Dichlorophenol
Concen: 113.168 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.03 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	283594		
164	63.3	42.7	82.7	
98	40.8	18.1	58.1	

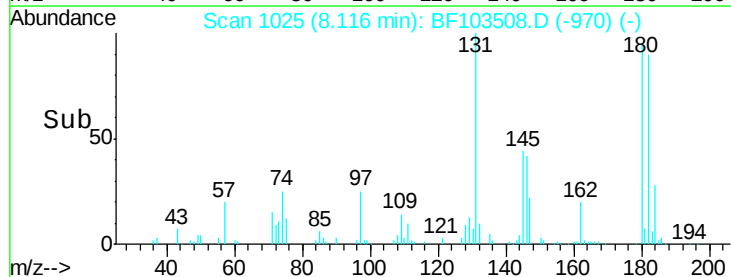
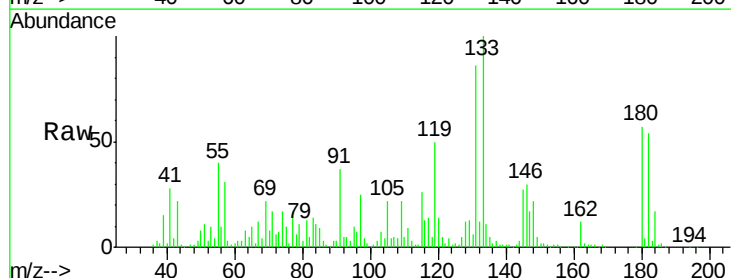
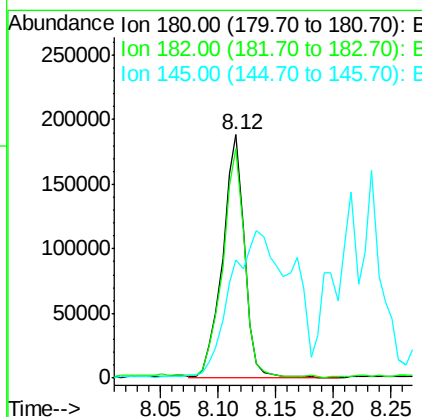
Manual Integrations
APPROVED

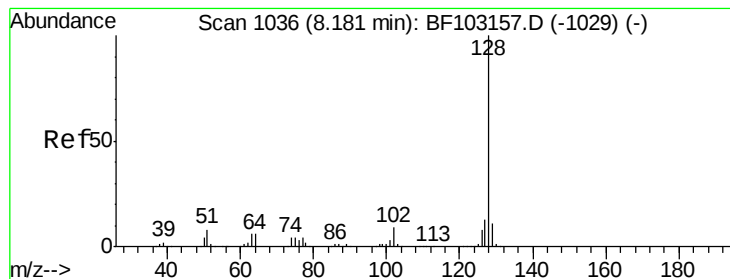
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 92.114 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245811		
182	94.4	76.8	115.2	
145	48.4	26.5	39.7	





#31

Naphthalene

Concen: 344.146 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.03 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-11MS

Tot Ion:128 Resp: 3178902

Ion Ratio Lower Upper

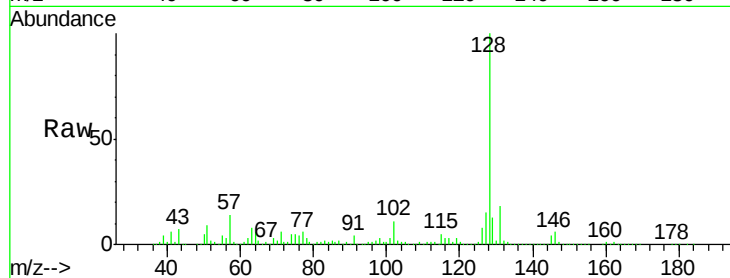
128 100

129 13.4 8.8 13.2#

127 14.8 10.9 16.3

Manual Integrations
APPROVED

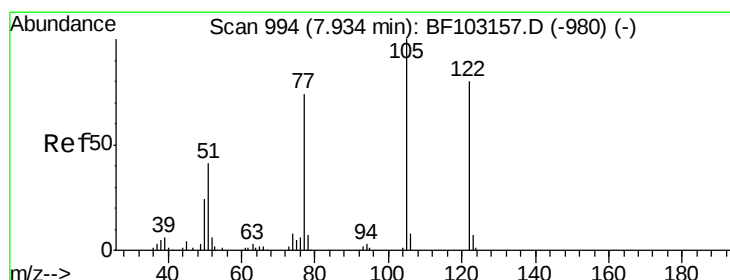
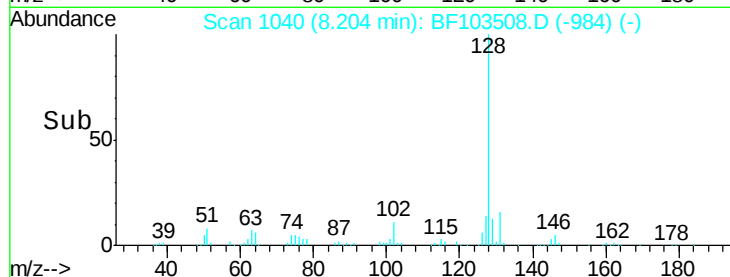
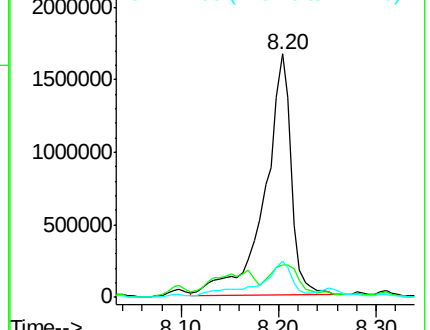
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.469 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

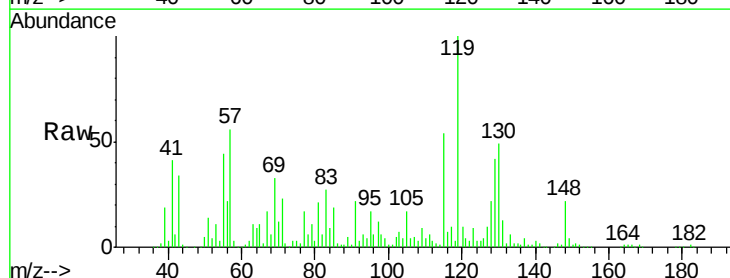
Tgt Ion:122 Resp: 23947

Ion Ratio Lower Upper

122 100

105 520.5 101.1 141.1#

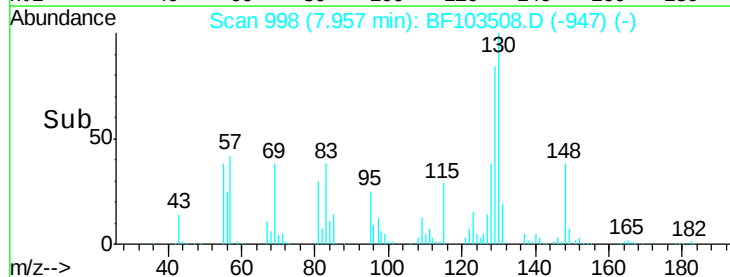
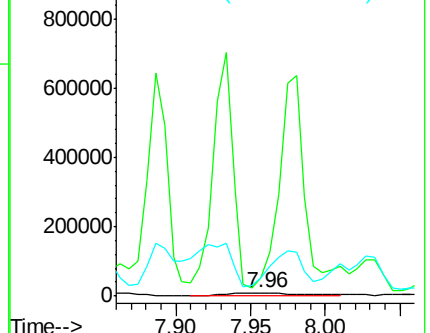
77 517.7 70.7 110.7#

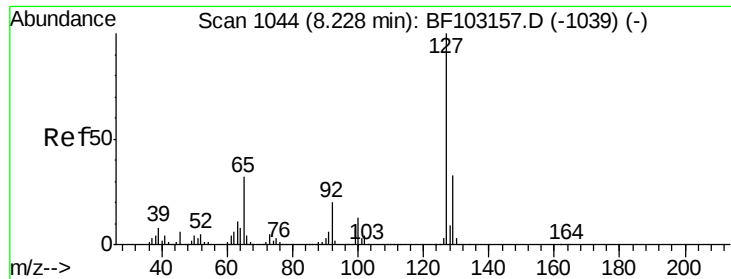


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





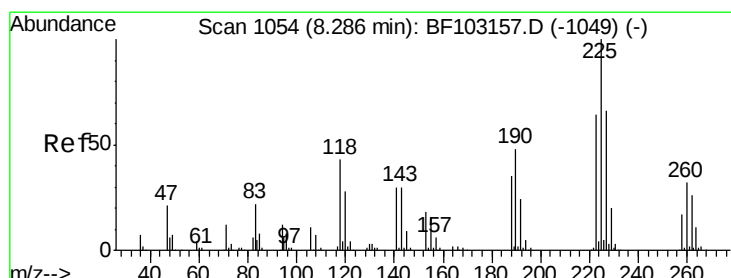
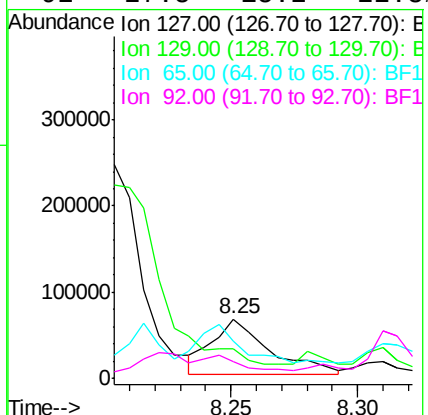
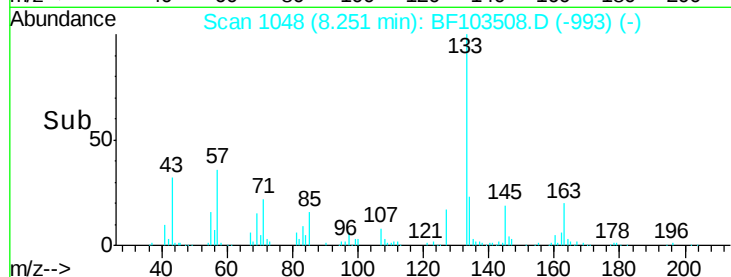
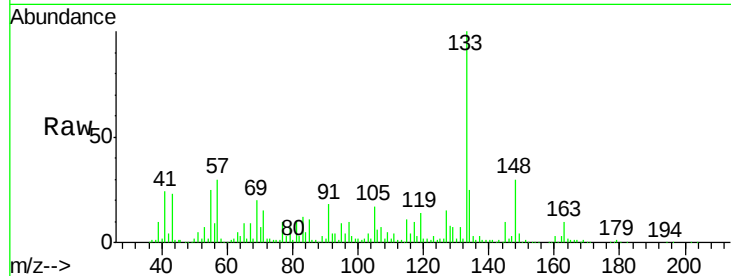
#33
 4-Chloroaniline
 Concen: 25.897 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. 0.02 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	49.5	25.9	38.9#		
65	62.9	25.0	37.4#		
92	27.5	15.2	22.8#		

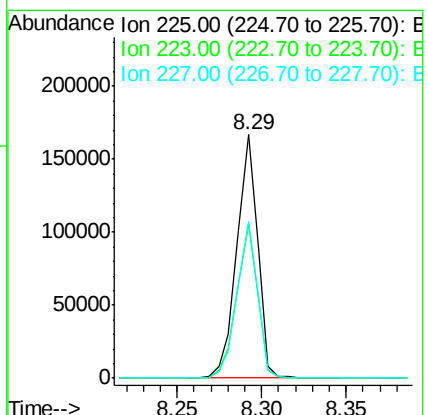
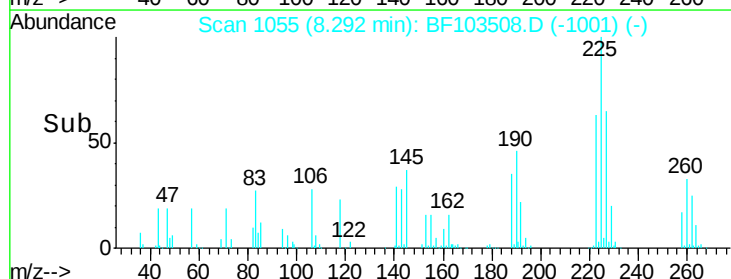
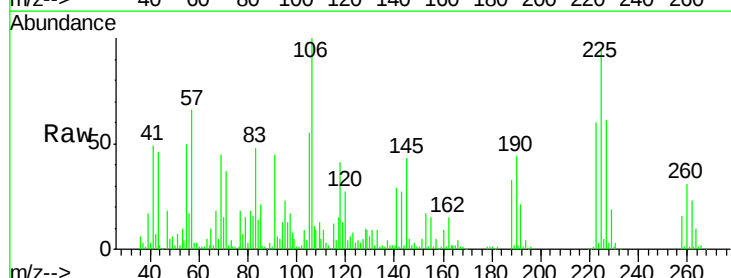
Manual Integrations
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#34
 Hexachlorobutadiene
 Concen: 103.070 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. 0.02 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	64.5	51.9	77.9		





#35

Caprolactam

Concen: 105.878 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

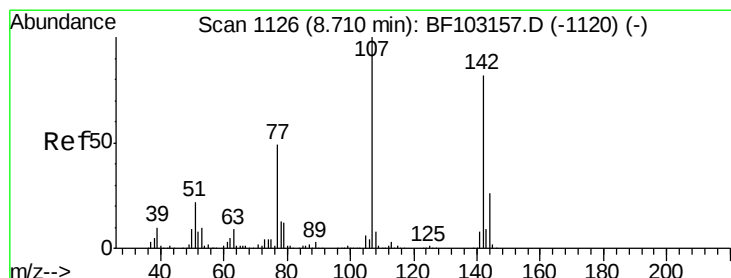
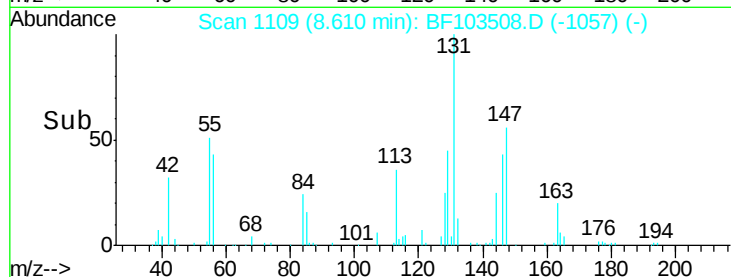
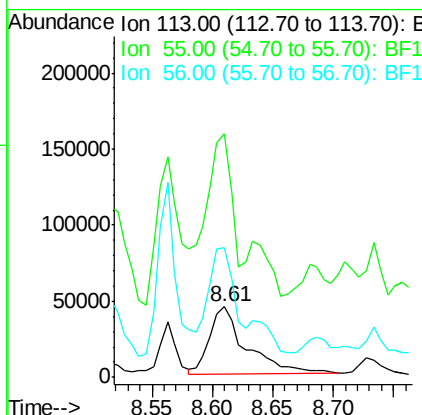
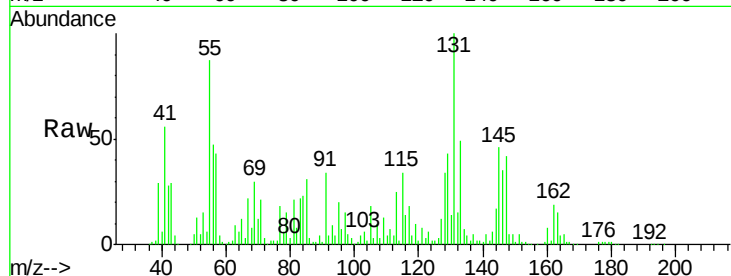
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	113	Resp:	93250
Ion Ratio	Lower	Upper	
113	100		
55	346.8	163.3	203.3#
56	184.9	115.7	155.7#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 117.015 ng

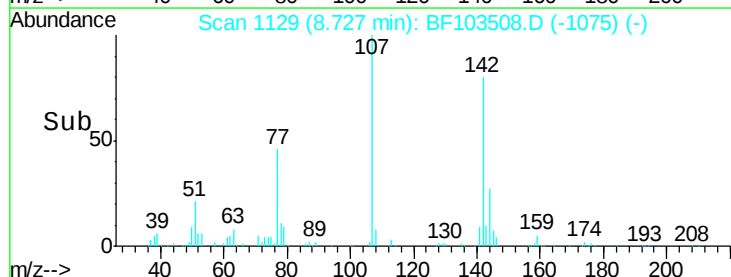
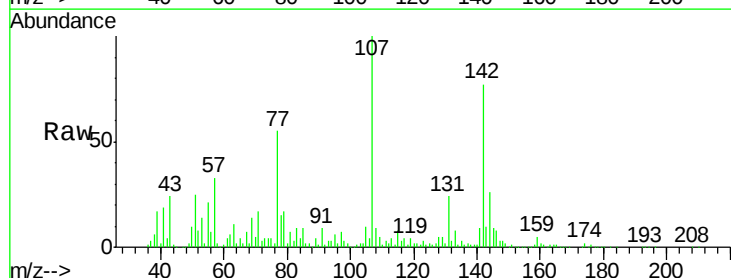
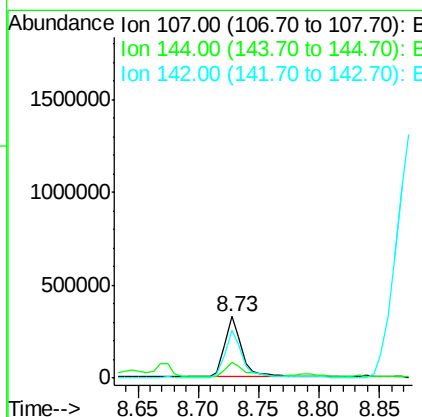
RT: 8.73 min Scan# 1129

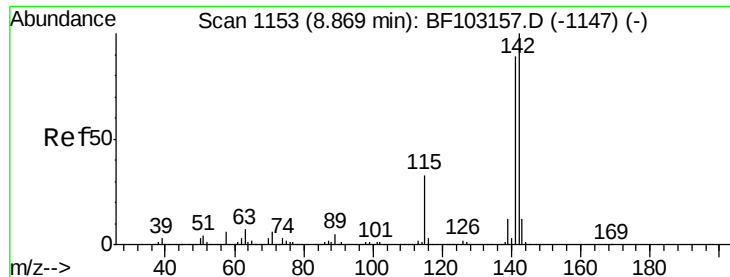
Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	107	Resp:	330744
Ion Ratio	Lower	Upper	
107	100		
144	26.1	20.5	30.7
142	76.9	62.0	93.0





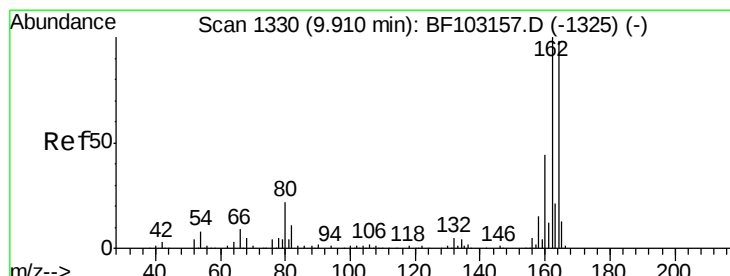
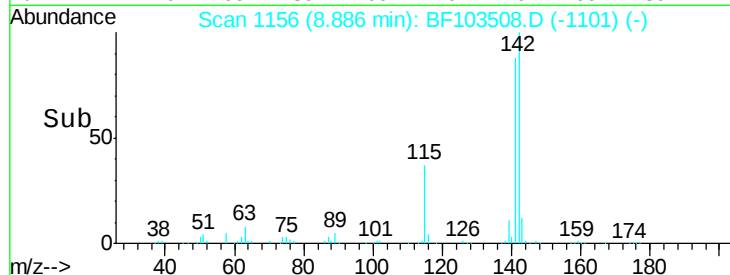
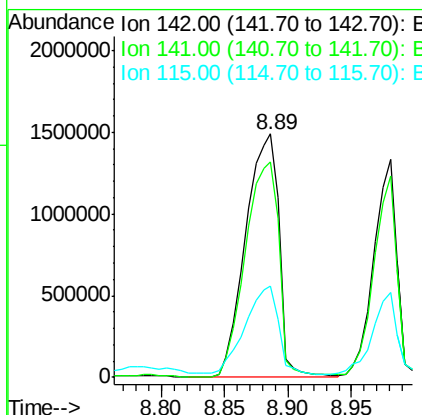
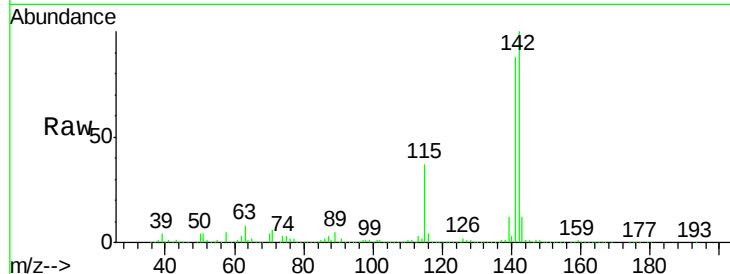
#37
2-Methylnaphthalene
Concen: 456.364 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	37.4	26.1	39.1

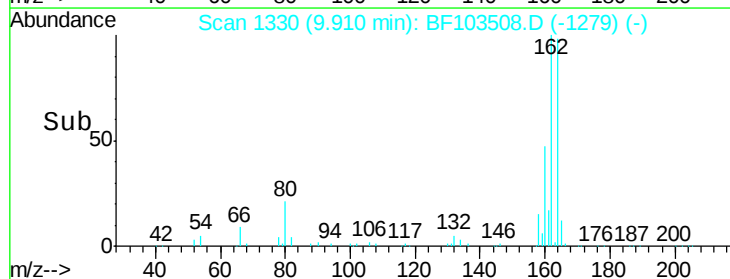
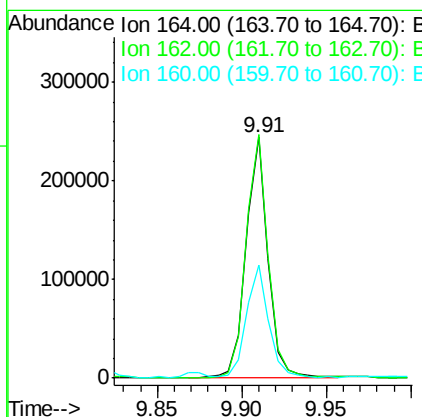
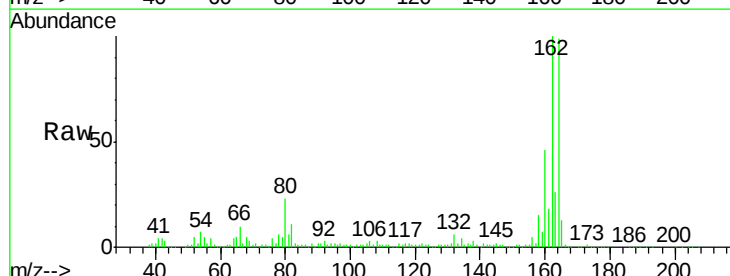
Manual Integrations
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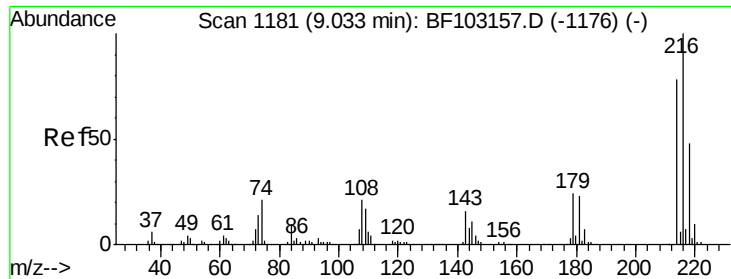
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.7	38.3	57.5





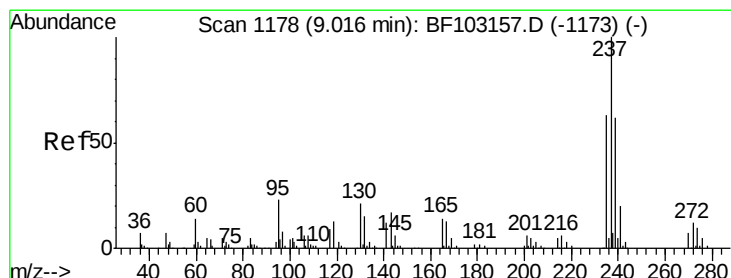
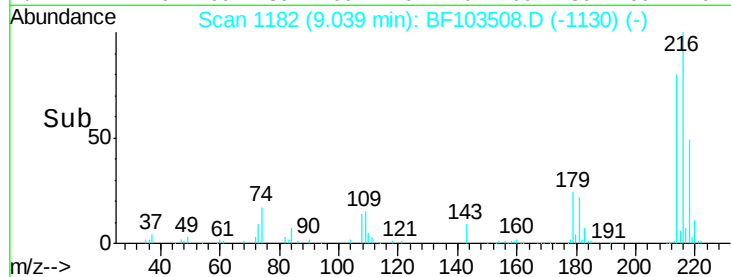
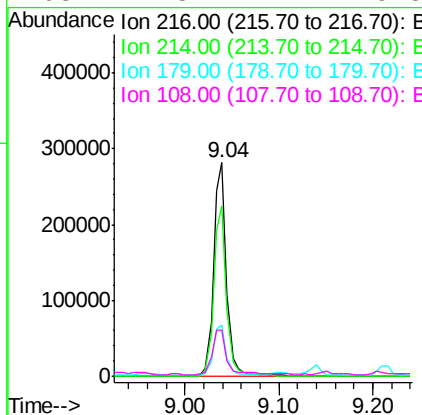
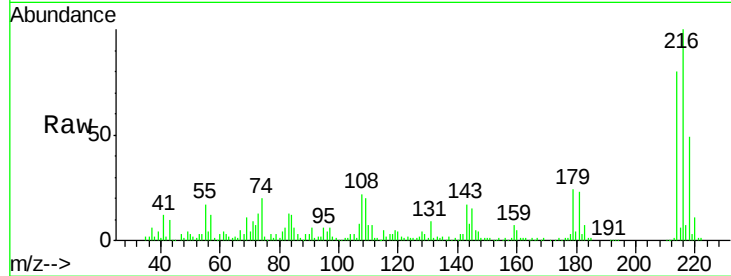
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.414 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		274355		
214	78.5	63.0	94.4		
179	23.0	18.1	27.1		
108	21.8	17.2	25.8		

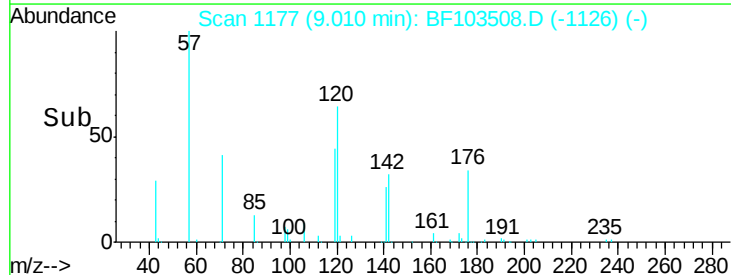
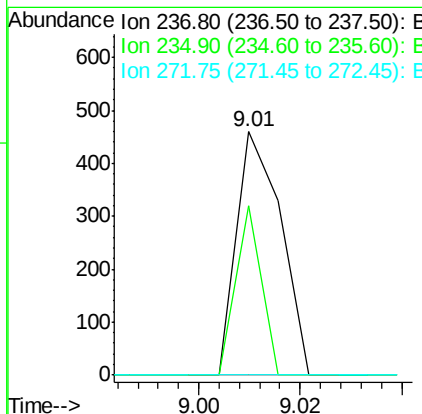
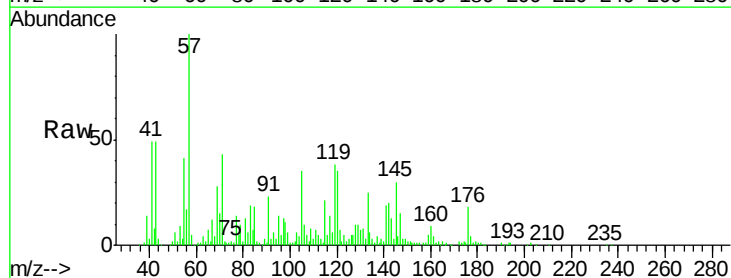
Manual Integrations
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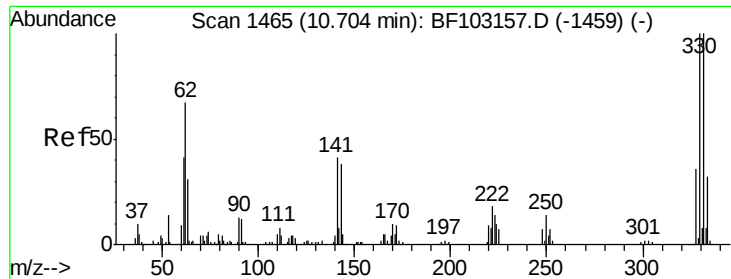
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#40
 Hexachlorocyclopentadiene
 Concen: 8.998 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		279		
235	69.8	44.8	84.8		
272	0.0	0.0	33.3		





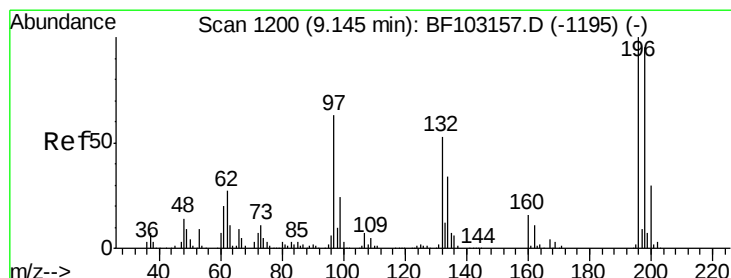
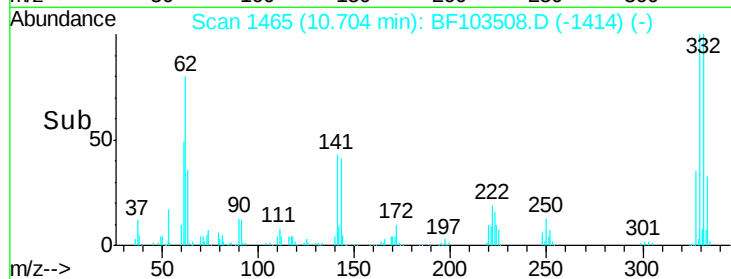
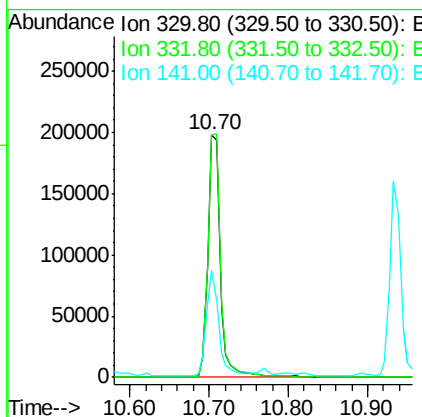
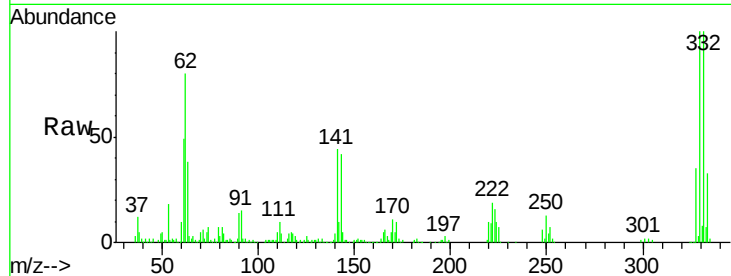
#41
 2,4,6-Tribromophenol
 Concen: 117.325 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	219457		
332	101.6	77.0	115.6	
141	42.6	29.9	44.9	

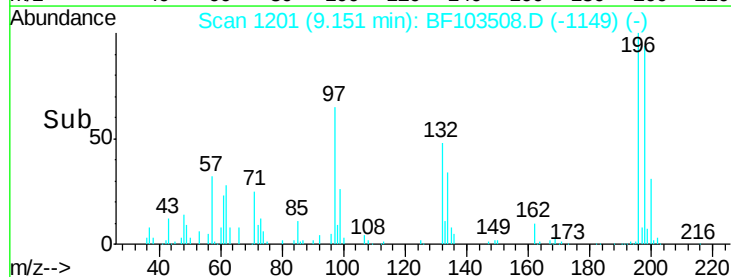
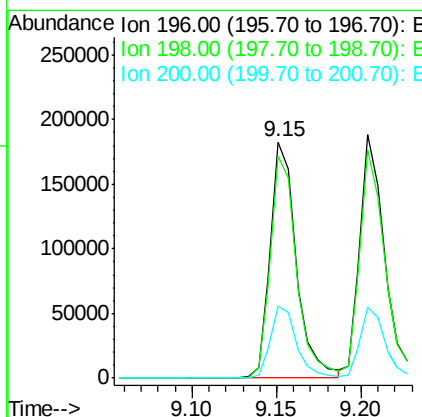
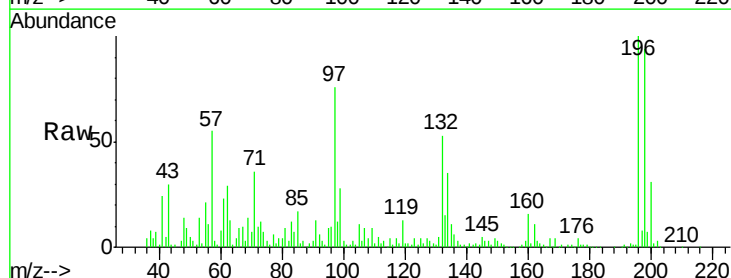
Manual Integrations
 APPROVED

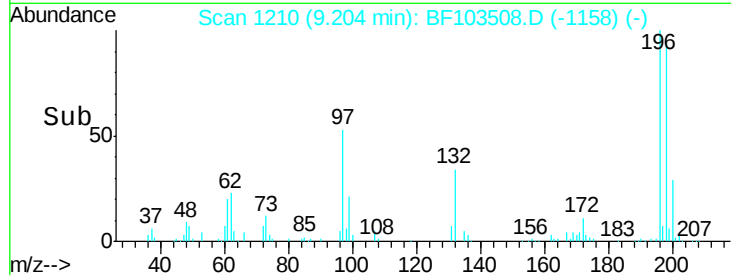
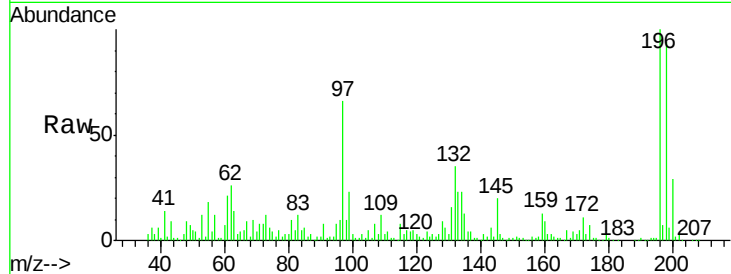
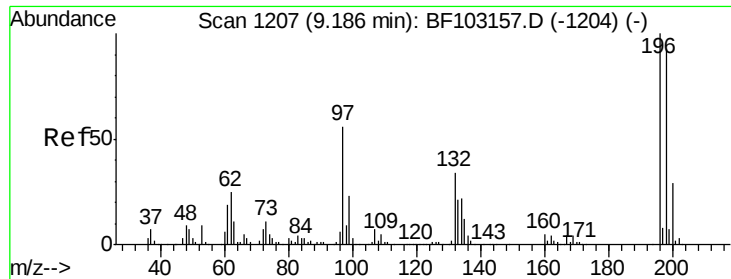
Sohil
 3/8/2018 4:43:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.200 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195933		
198	93.8	75.7	113.5	
200	30.8	24.5	36.7	





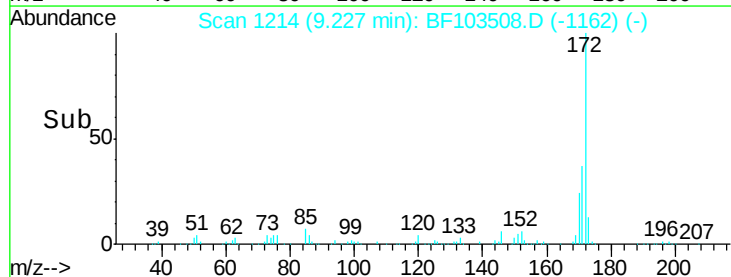
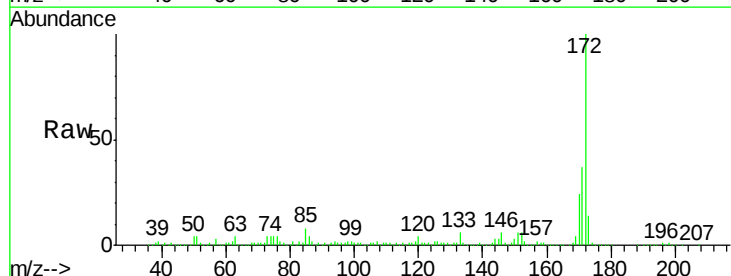
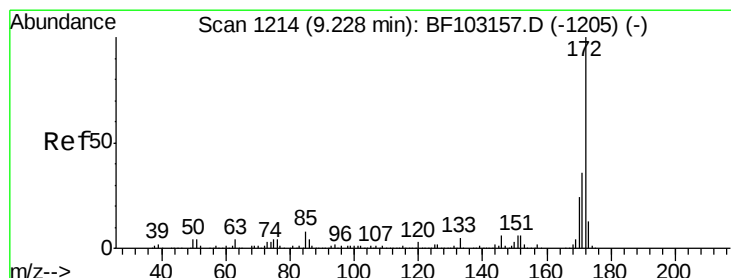
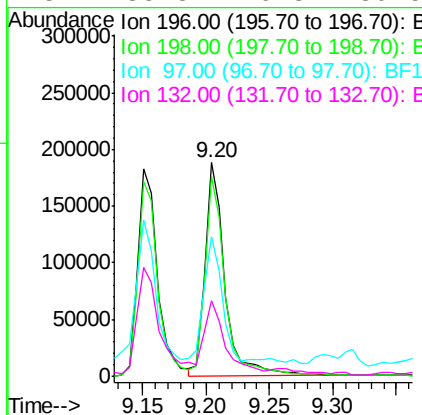
#43
2,4,5-Trichlorophenol
Concen: 43.350 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tot Ion:	196	Resp:	202676
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.6	112.0
97	65.5	42.9	64.3#
132	35.3	26.3	39.5

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

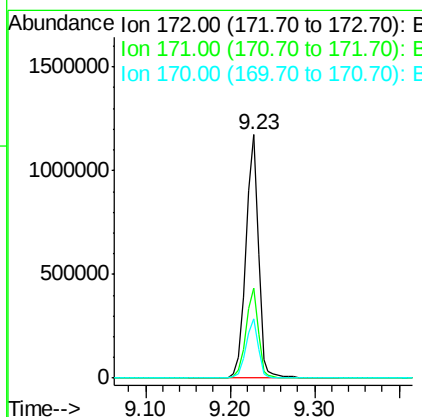
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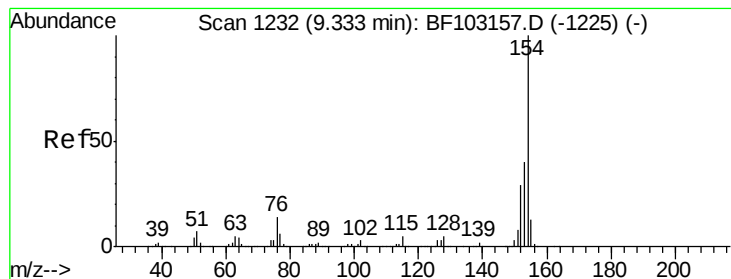
Sohil
3/8/2018 4:43:07 PM



#44
2-Fluorobiphenyl
Concen: 96.797 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:	172	Resp:	1201855
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.7	44.5
170	24.1	19.6	29.4





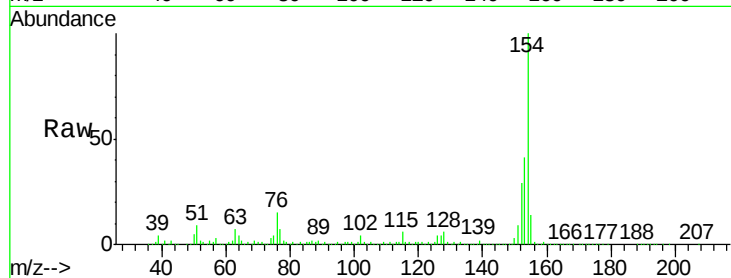
#45
1,1'-Biphenyl
Concen: 47.418 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	15.2	0.0	34.0

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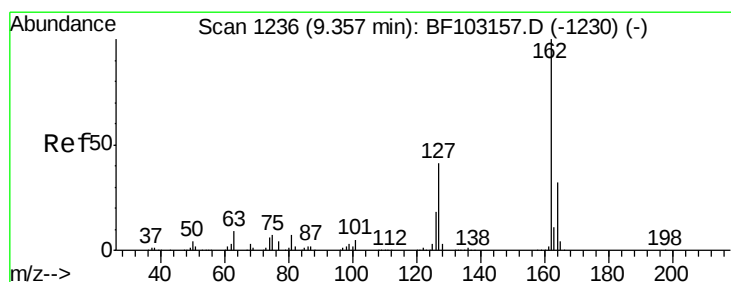
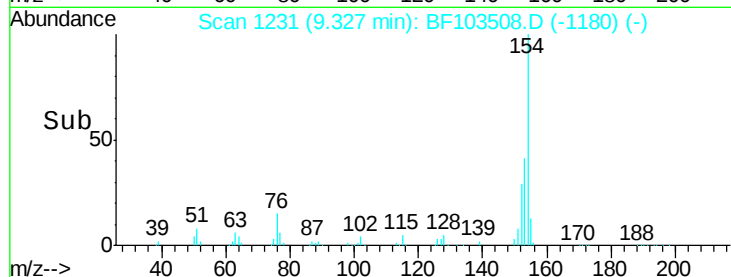
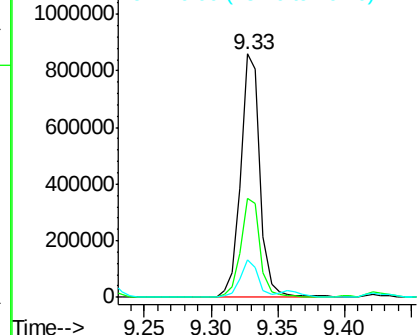


Abundance

Ion 154.00 (153.70 to 154.70): E

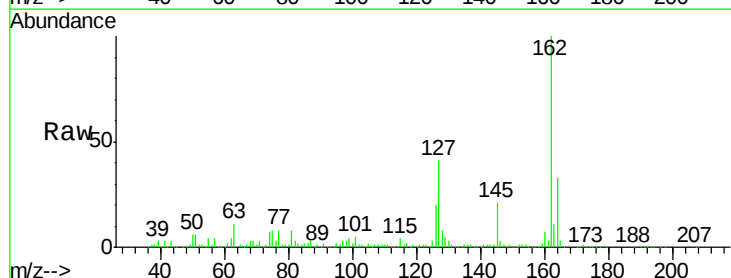
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 44.256 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	32.7	26.5	39.7

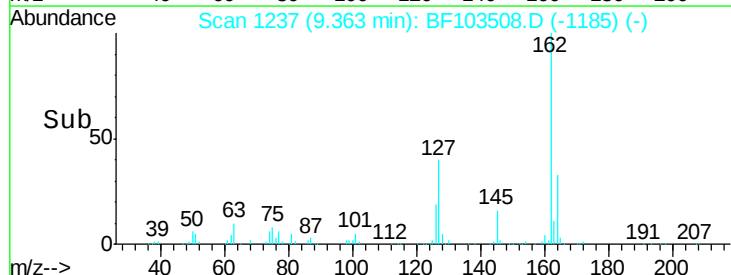
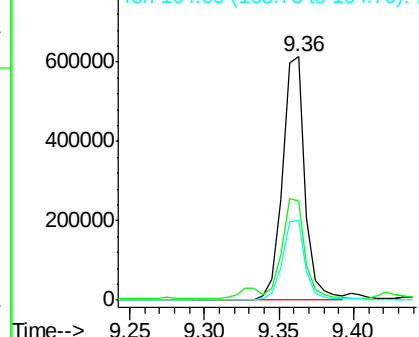


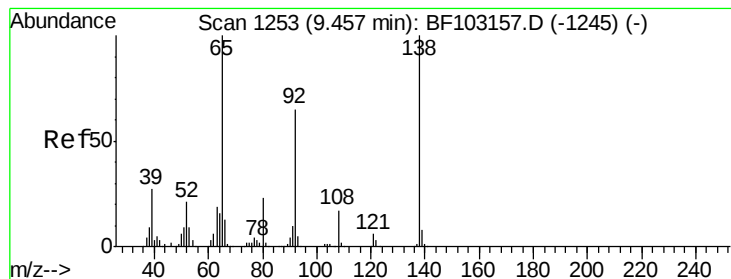
Abundance

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





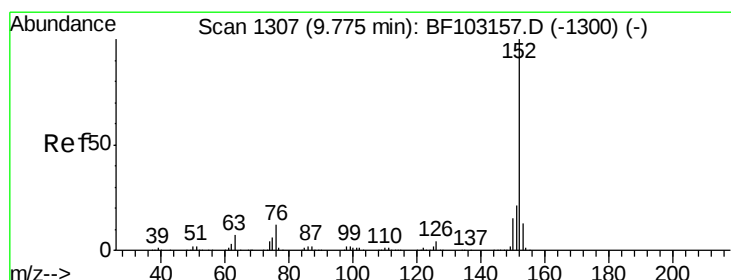
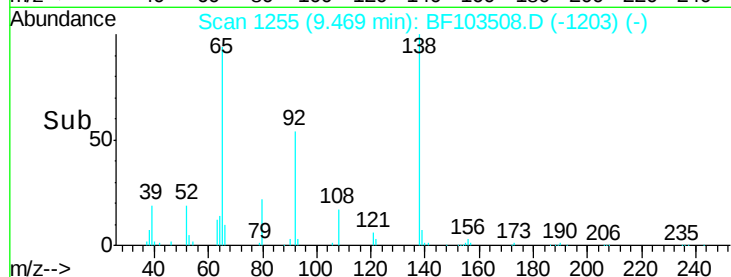
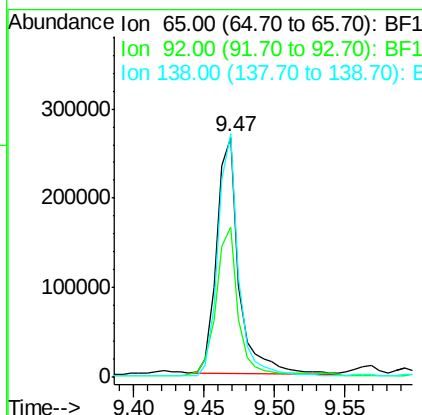
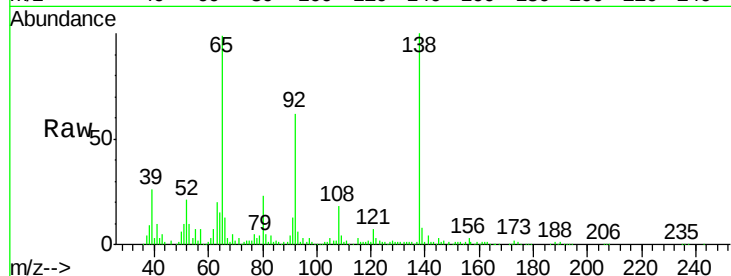
#47
2-Nitroaniline
Concen: 53.084 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	55.8	83.6
138	101.4	91.2	136.8

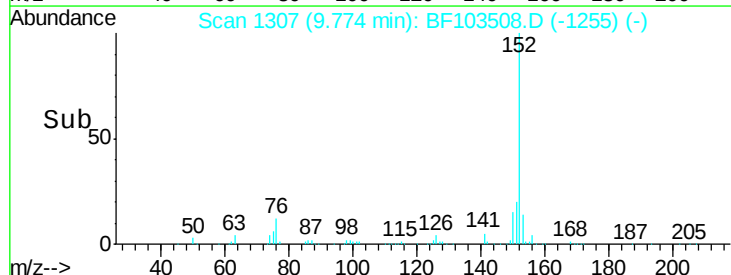
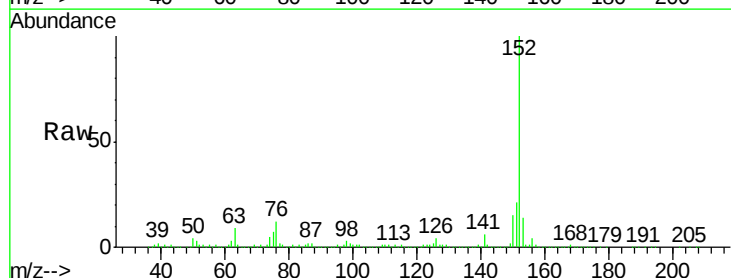
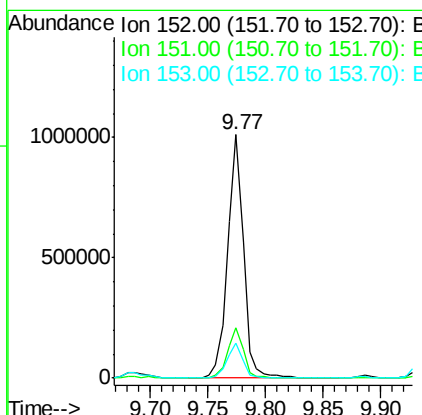
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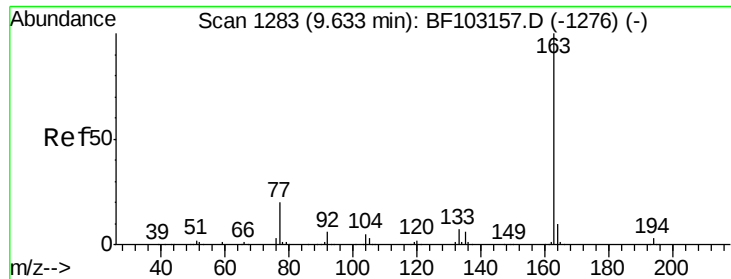
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#48
Acenaphthylene
Concen: 42.385 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.1	10.7	16.1





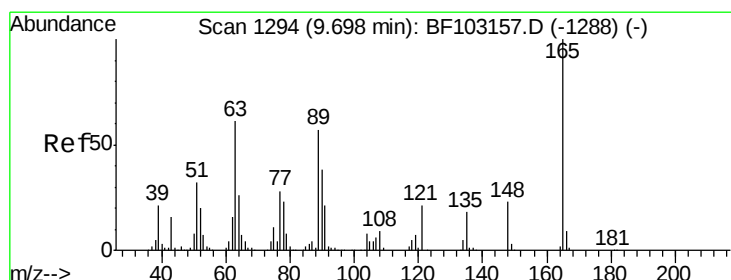
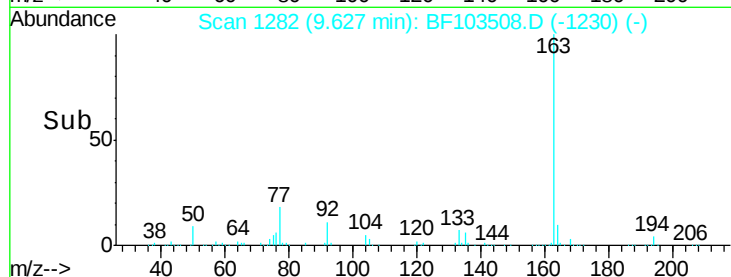
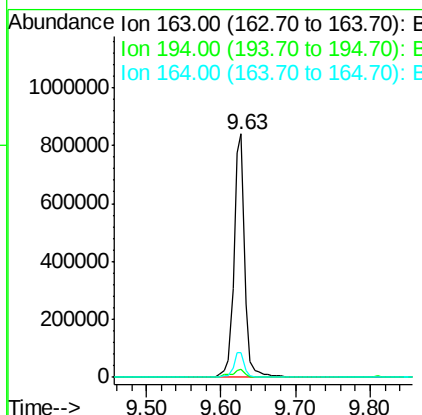
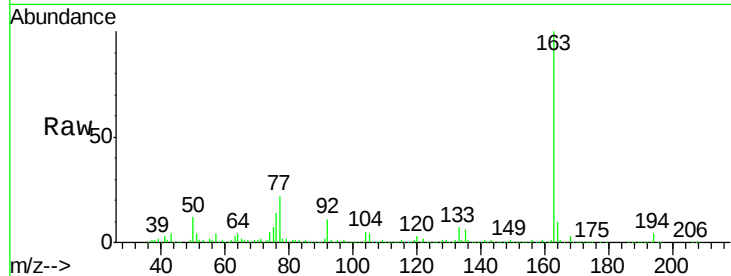
#49
Dimethylphthalate
Concen: 47.938 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	849825		
194	3.6		2.7	4.1
164	10.1		8.2	12.2

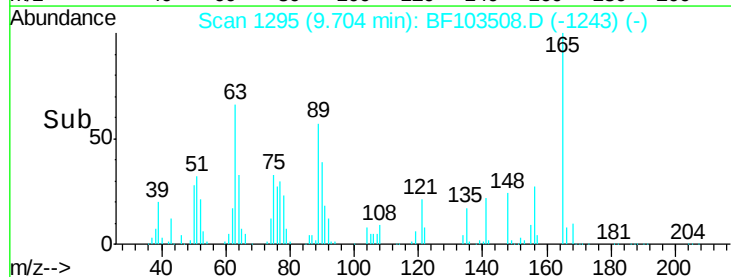
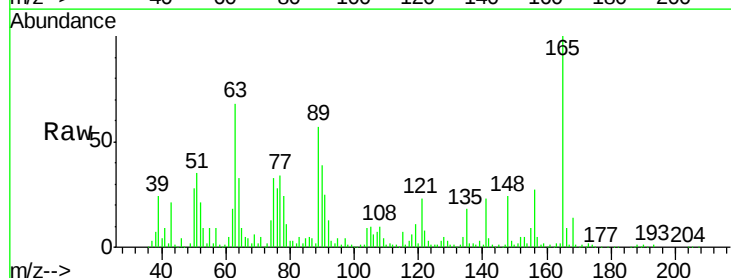
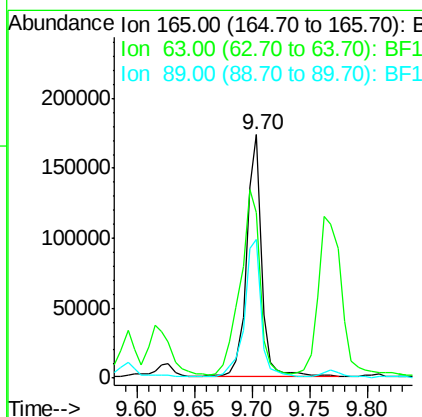
Manual Integrations
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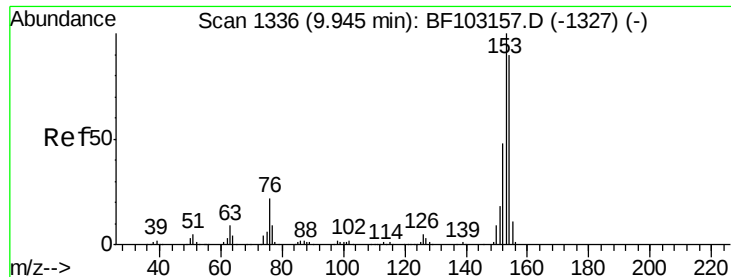
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.842 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155663		
63	67.8		44.7	67.1#
89	57.2		44.0	66.0





#51

Acenaphthene

Concen: 44.373 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

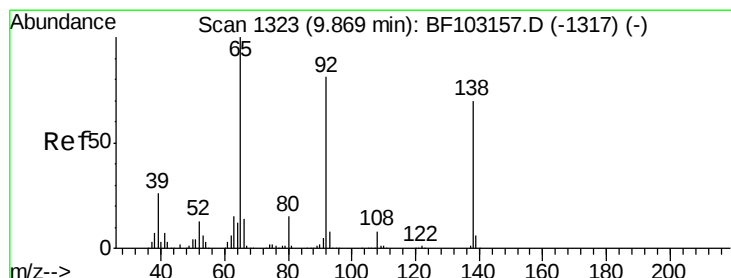
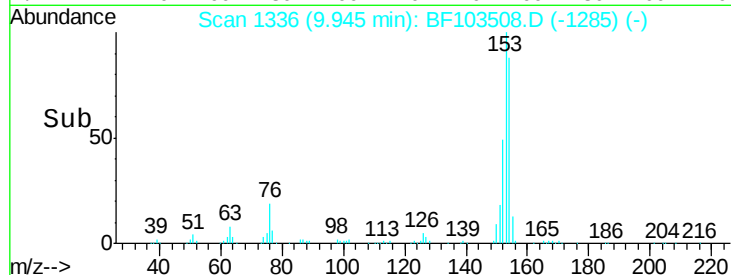
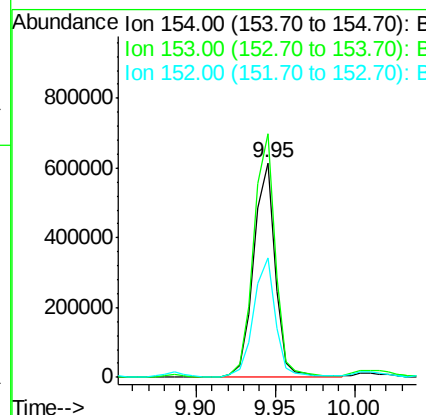
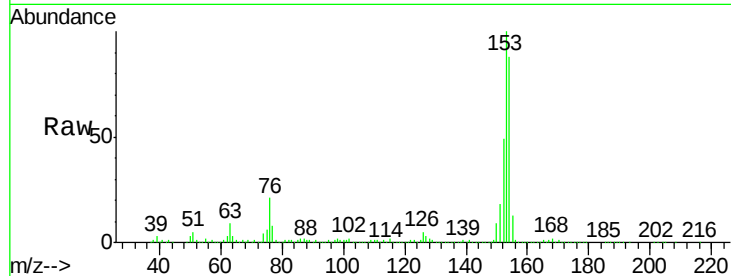
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	154	Resp:	583214
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	55.4	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 27.915 ng

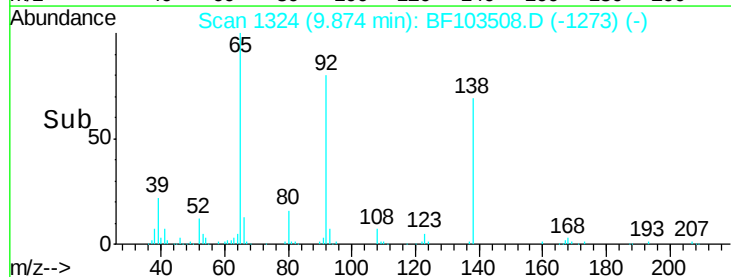
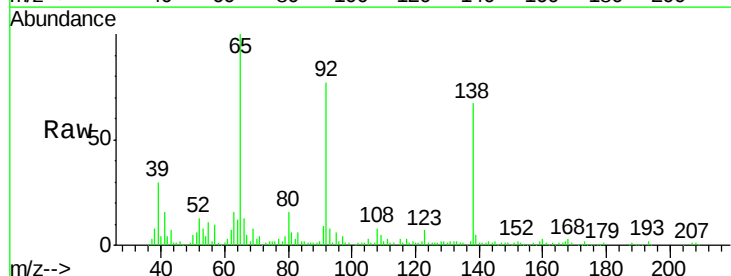
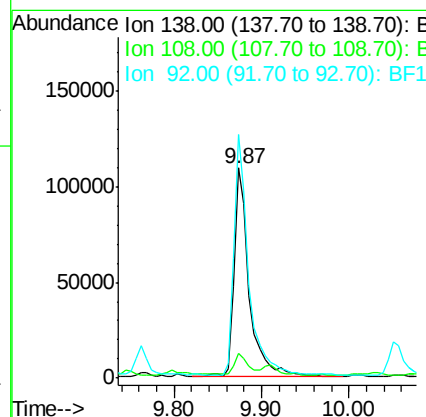
RT: 9.87 min Scan# 1324

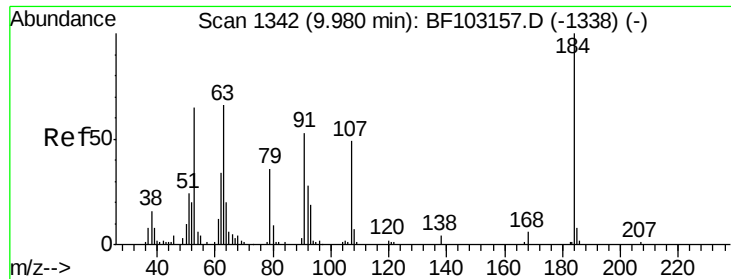
Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	138	Resp:	131758
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.4	14.0
92	115.9	89.4	134.2





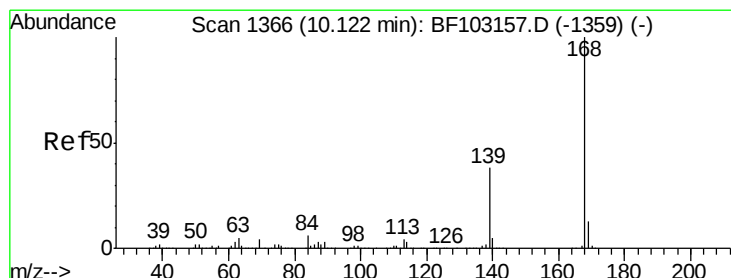
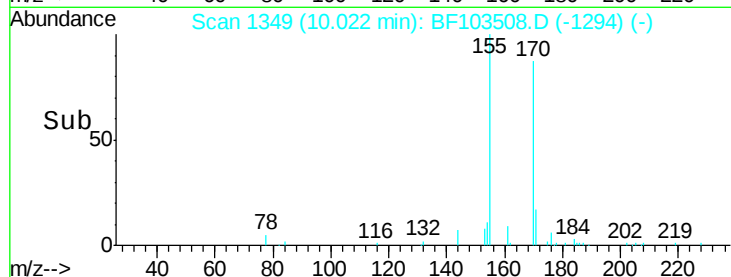
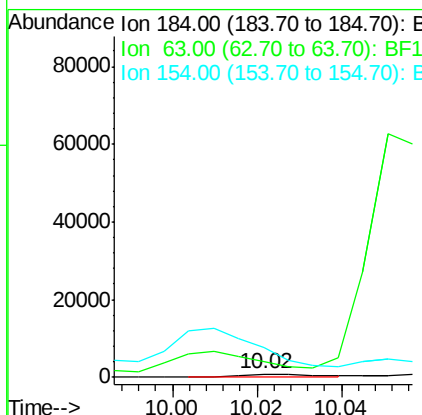
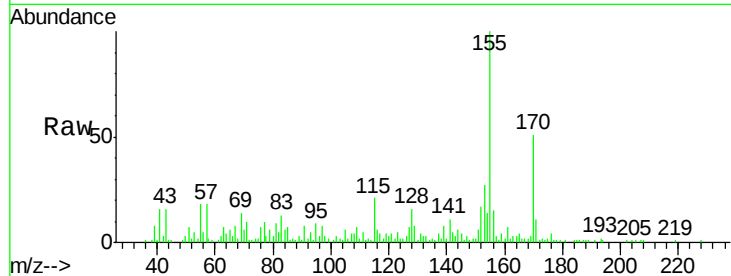
#53
2,4-Dinitrophenol
Concen: 10.297 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	472.5	54.2	81.2#
154	945.7	184.0	276.0#

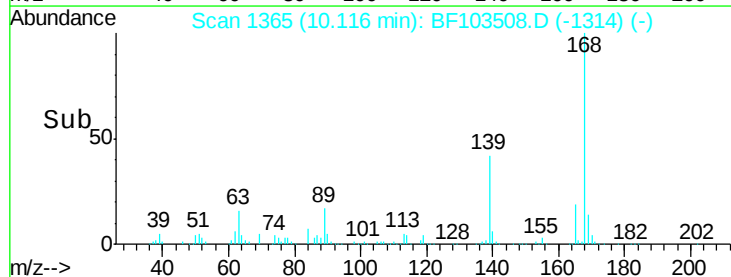
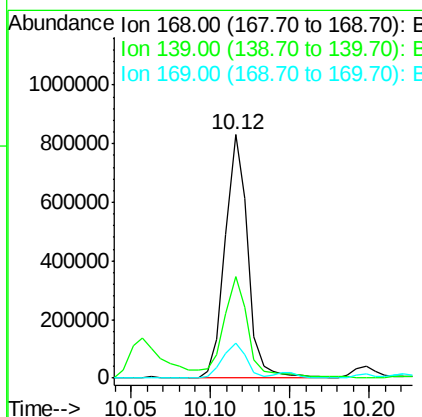
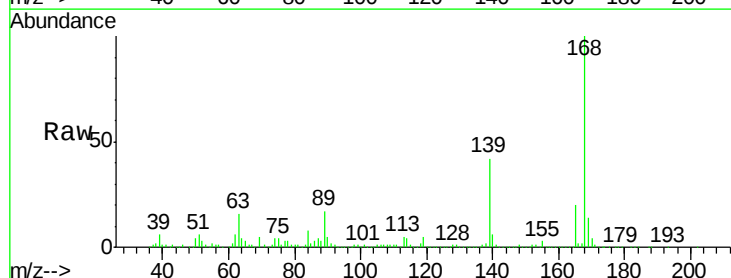
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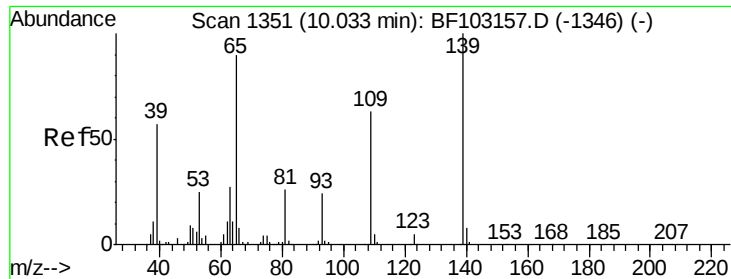
Sohil
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#54
Dibenzofuran
Concen: 45.549 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	30.1	45.1
169	14.3	10.9	16.3





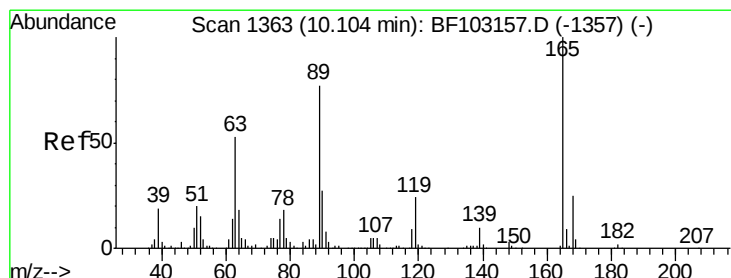
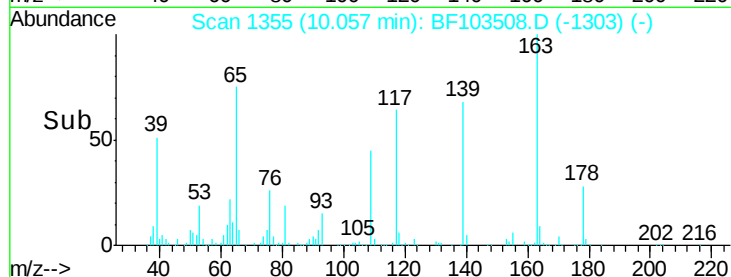
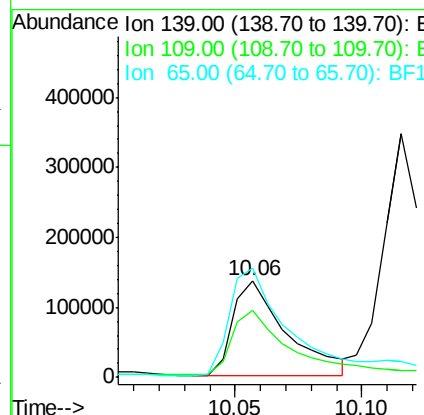
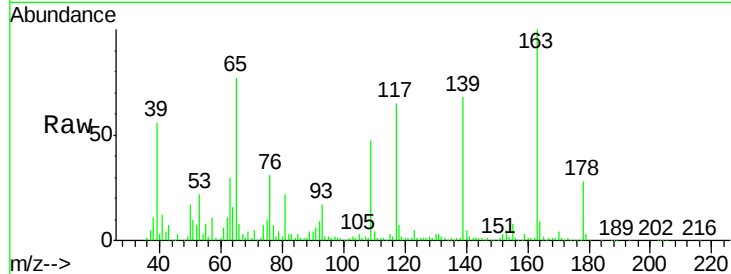
#55
4-Nitrophenol
Concen: 69.451 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	203164		
109	69.2	48.4	88.4	
65	112.4	72.6	112.6	

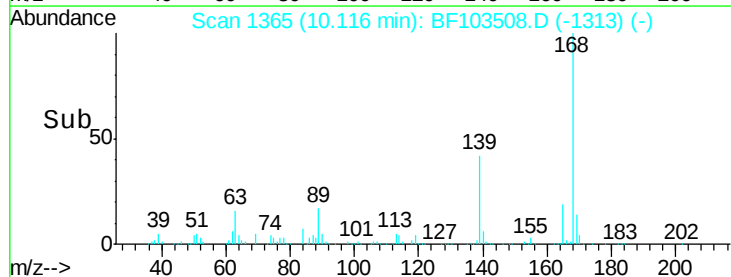
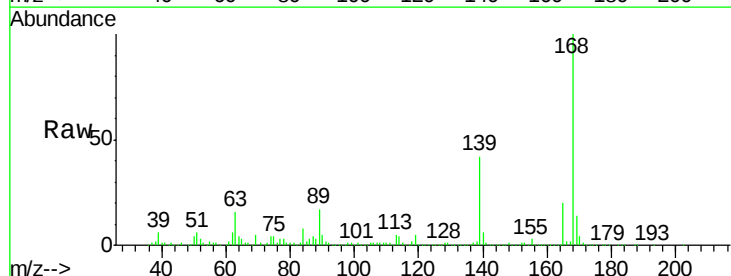
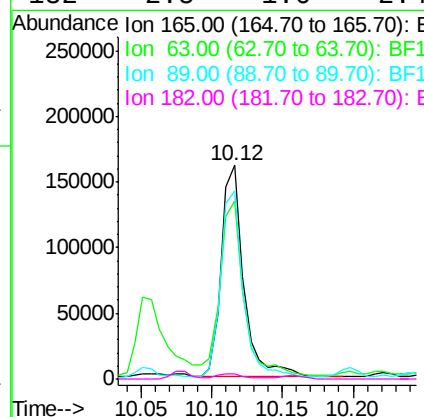
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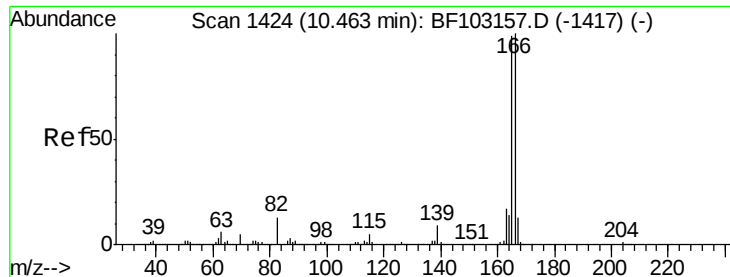
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#56
2,4-Dinitrotoluene
Concen: 38.243 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179934		
63	83.1	36.4	54.6#	
89	88.1	57.8	86.6#	
182	2.5	1.6	2.4#	





#57

Fluorene

Concen: 43.652 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

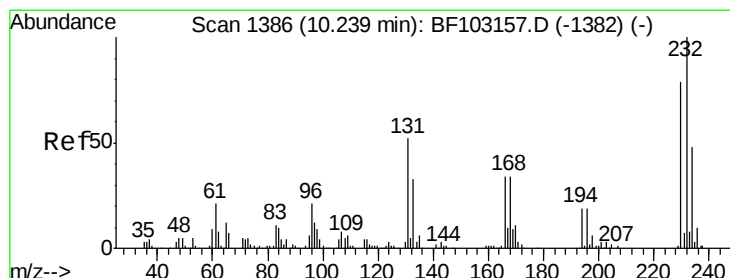
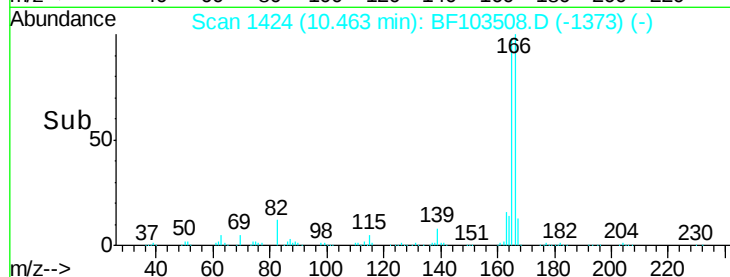
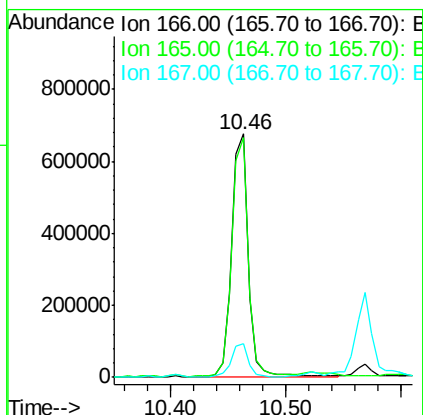
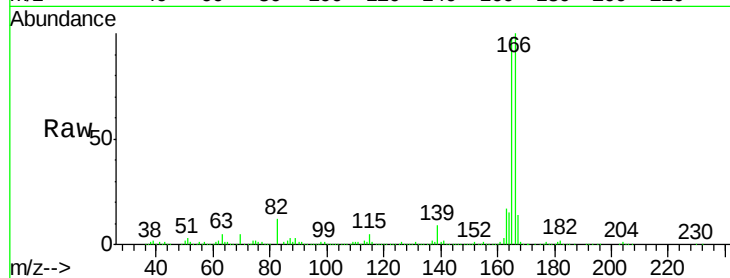
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	166	Resp:	670923
Ion Ratio		Lower	Upper
166	100		
165	98.3	79.8	119.8
167	14.0	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.809 ng

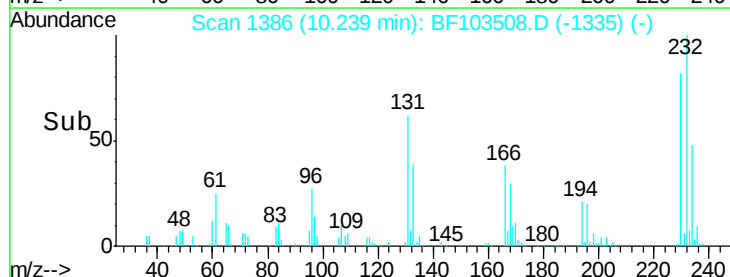
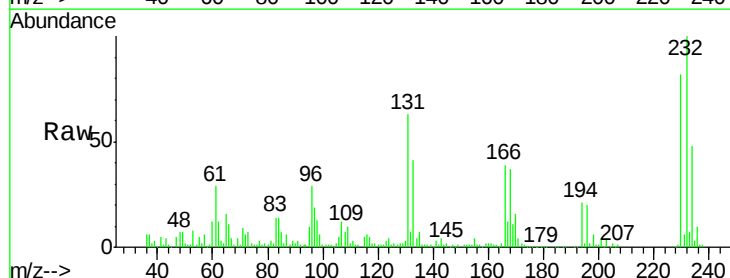
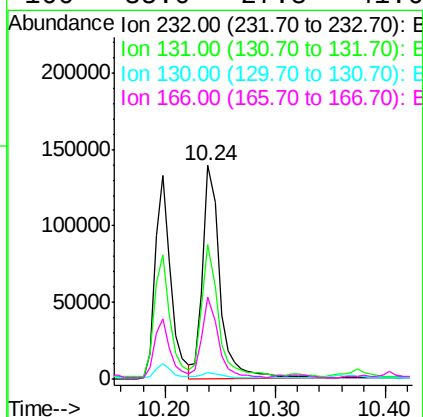
RT: 10.24 min Scan# 1386

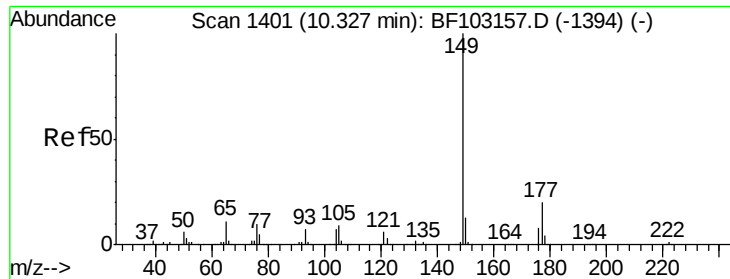
Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	232	Resp:	147015
Ion Ratio		Lower	Upper
232	100		
131	58.7	43.8	65.8
130	2.6	2.1	3.1
166	35.0	27.8	41.6





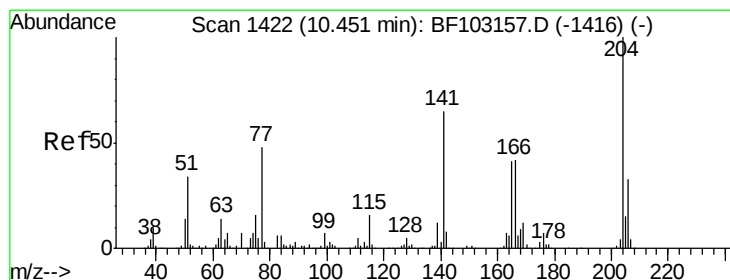
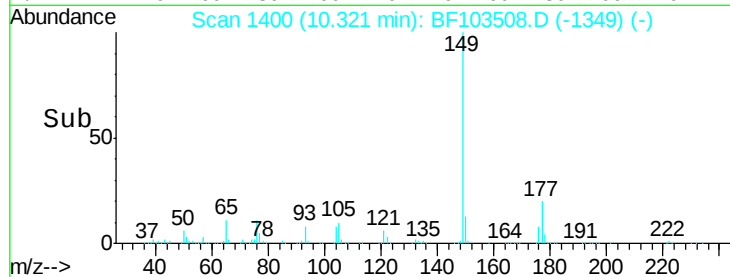
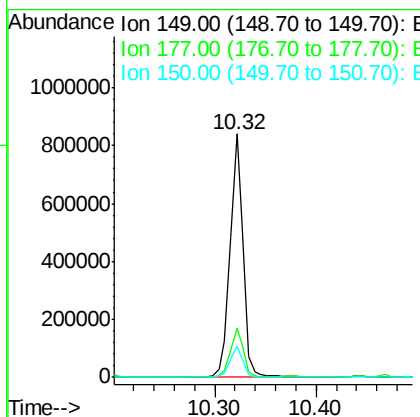
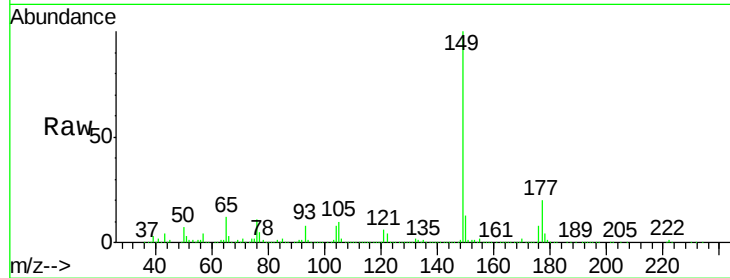
#59
Diethylphthalate
Concen: 44.355 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	752038		
177	20.1		16.1	24.1
150	12.7		10.1	15.1

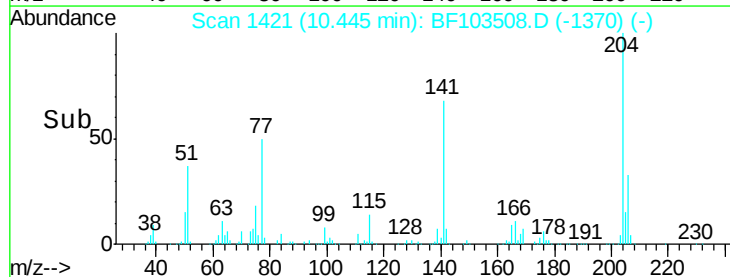
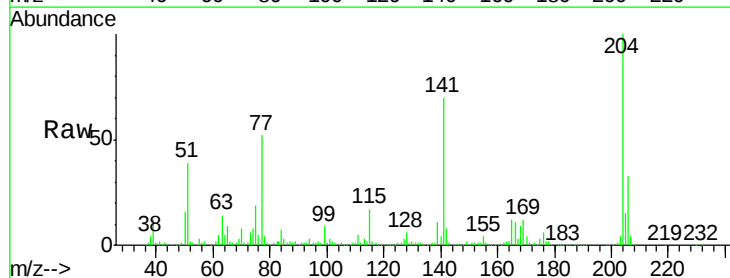
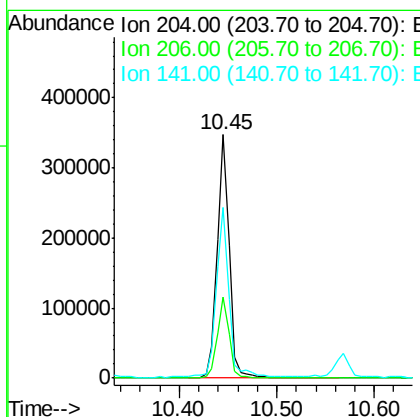
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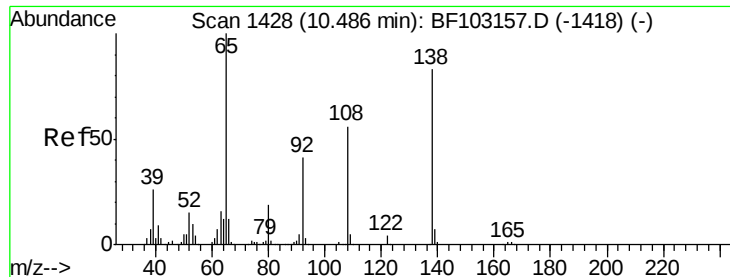
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 45.781 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	298394		
206	33.2		26.5	39.7
141	70.0		54.6	81.8





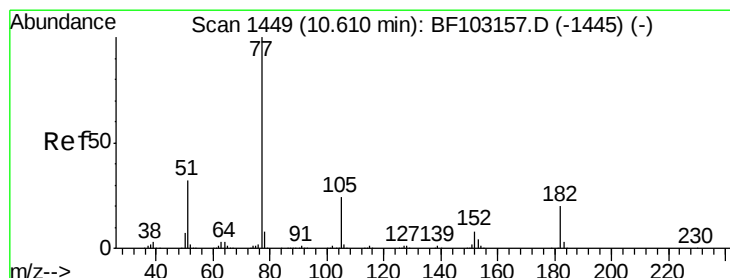
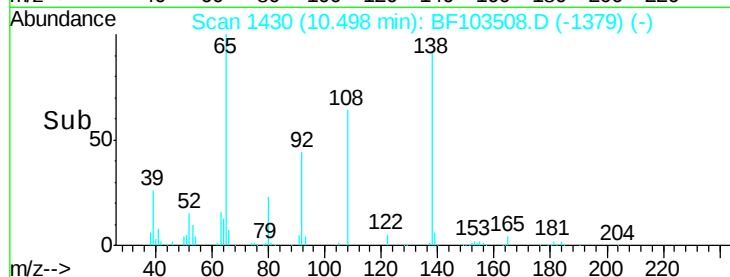
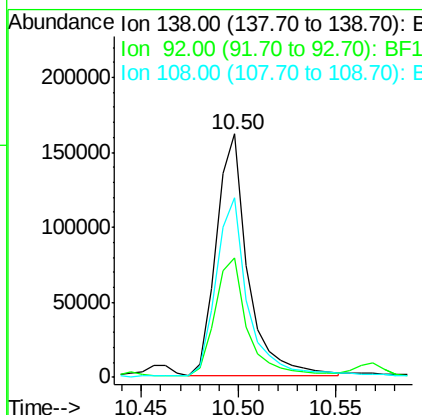
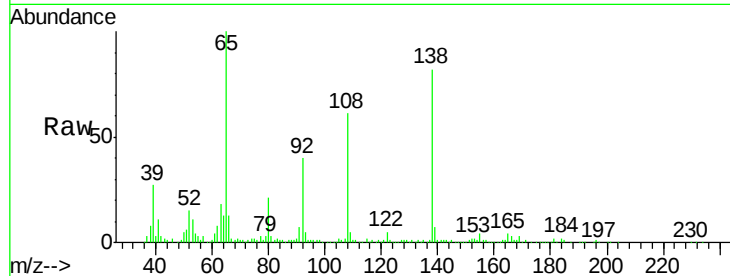
#61
4-Nitroaniline
Concen: 38.380 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.2	70.2
108	73.8	52.5	92.5

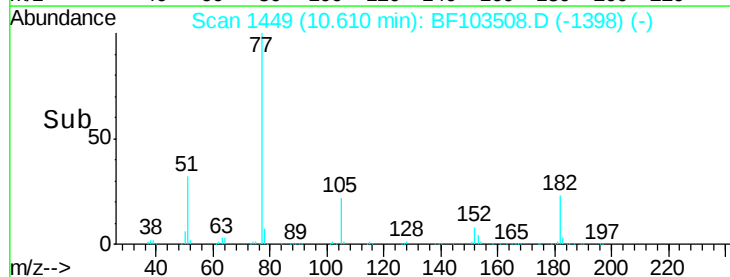
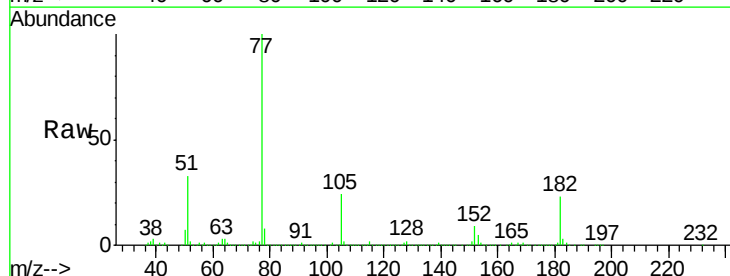
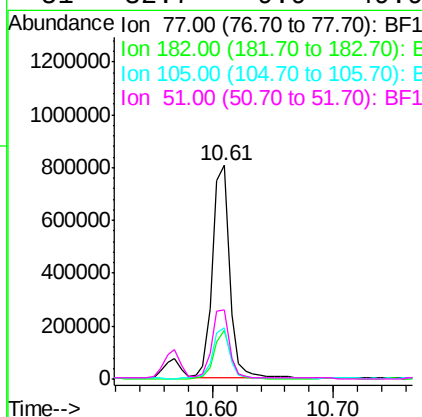
Manual Integrations
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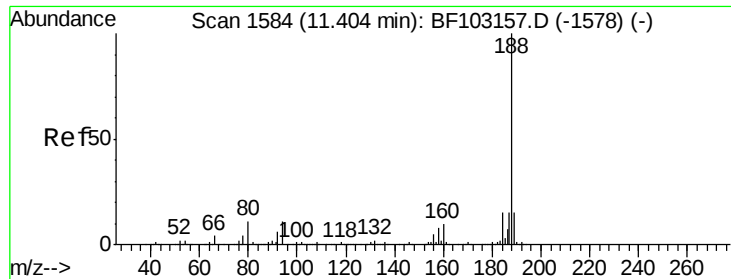
Sohil
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#62
Azobenzene
Concen: 45.896 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	24.3	3.0	43.0
51	32.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

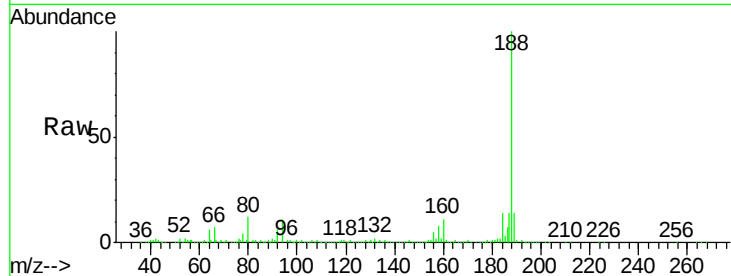
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	188	Resp:	316052
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	12.3	9.2	13.8

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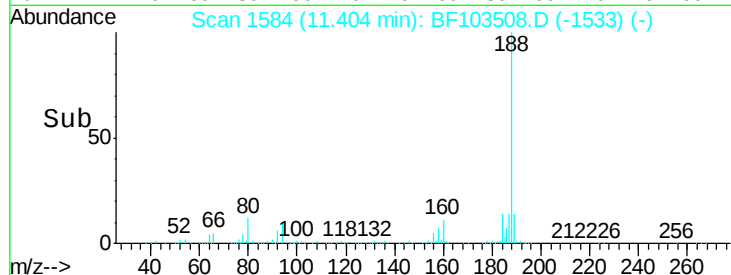


Abundance Ion 188.00 (187.70 to 188.70): E

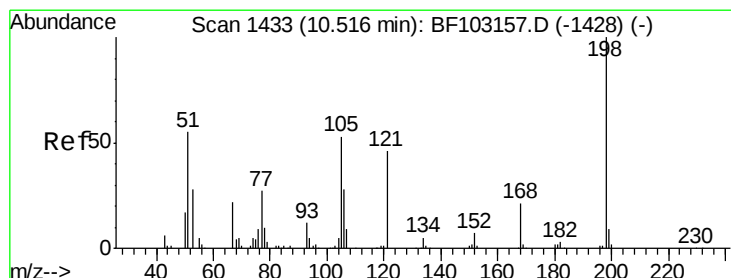
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time--> 11.30 11.40 11.50



Time--> 11.30 11.40 11.50



#64

4,6-Dinitro-2-methylphenol

Concen: 7.740 ng

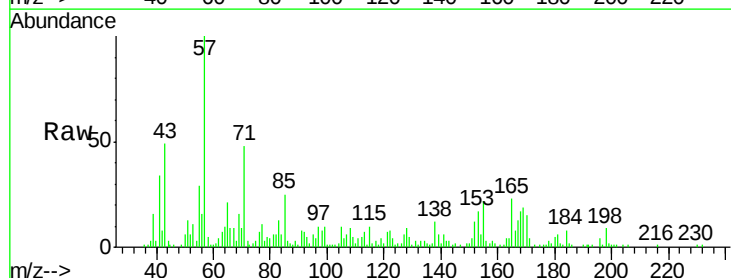
RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	198	Resp:	5991
Ion Ratio	Lower	Upper	
198	100		
51	148.3	37.7	77.7#
105	119.7	36.3	76.3#

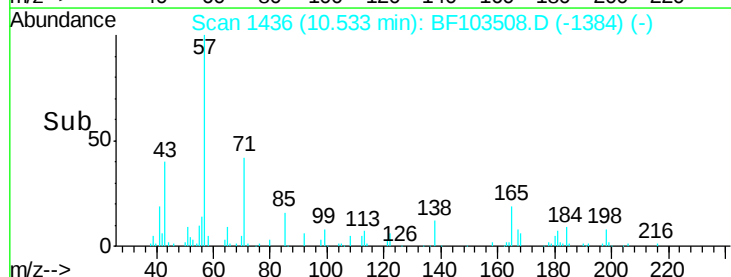


Abundance Ion 198.00 (197.70 to 198.70): E

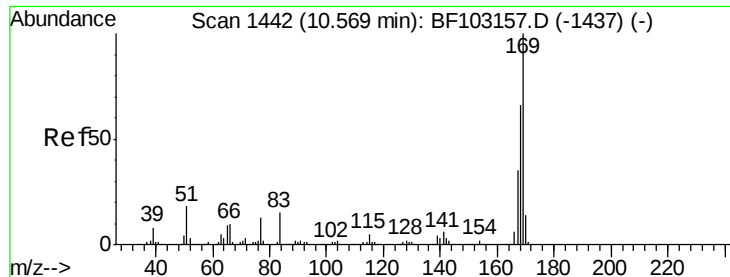
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time--> 10.50 10.55



Time--> 10.50 10.55



#65

n-Nitrosodiphenylamine

Concen: 54.295 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

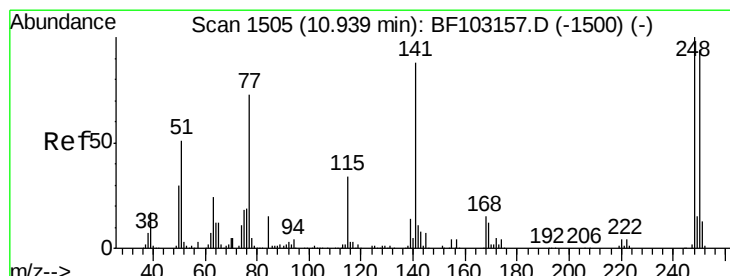
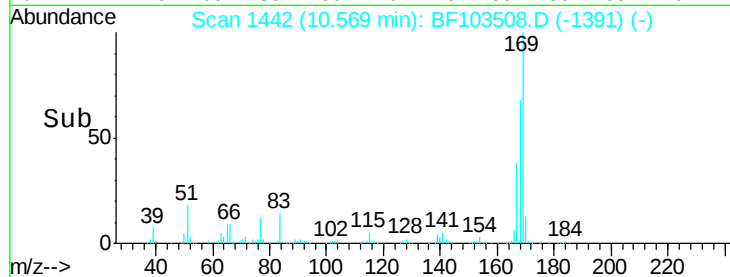
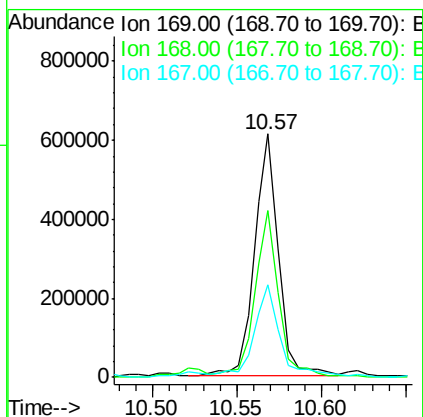
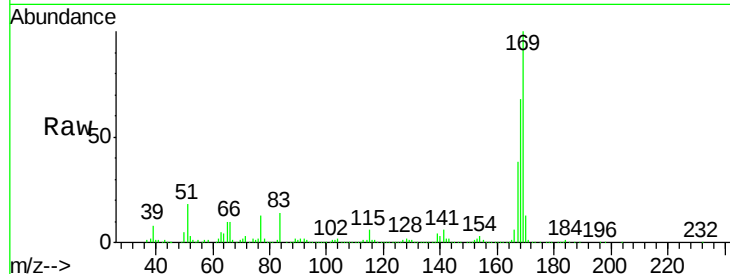
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	169	Resp:	597492
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.4	81.6
167	38.2	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 50.654 ng

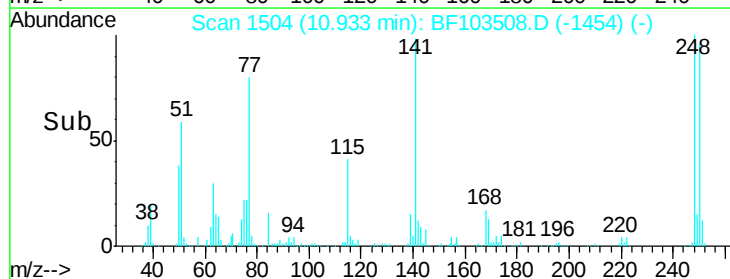
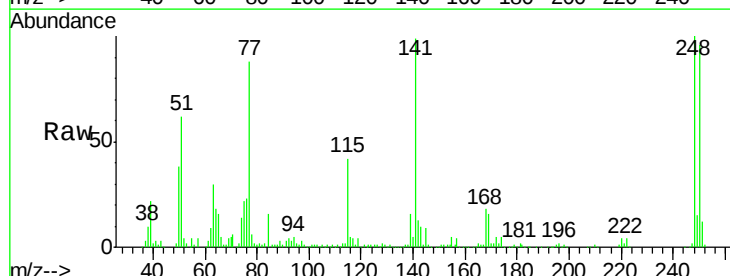
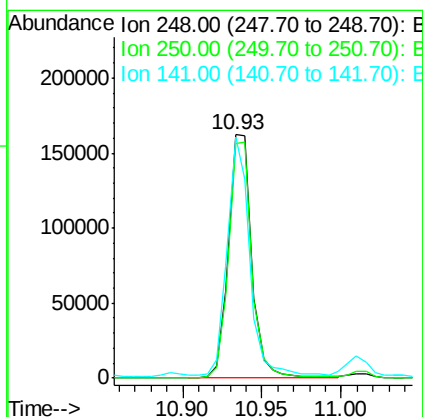
RT: 10.93 min Scan# 1504

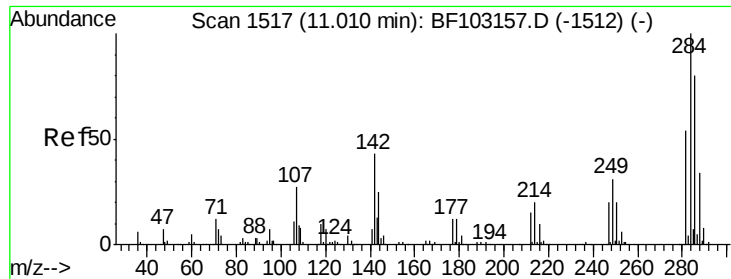
Delta R.T. -0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	248	Resp:	166770
Ion Ratio	Lower	Upper	
248	100		
250	96.3	76.9	115.3
141	98.8	74.4	111.6





#67

Hexachlorobenzene

Concen: 45.067 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

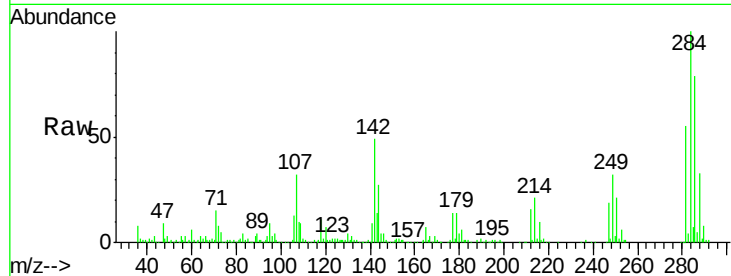
ClientSampleId :

SB-04-9.5-11MS

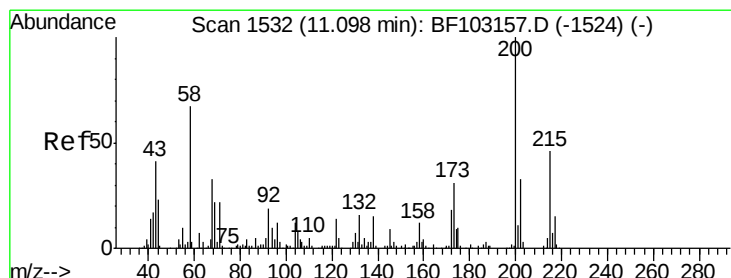
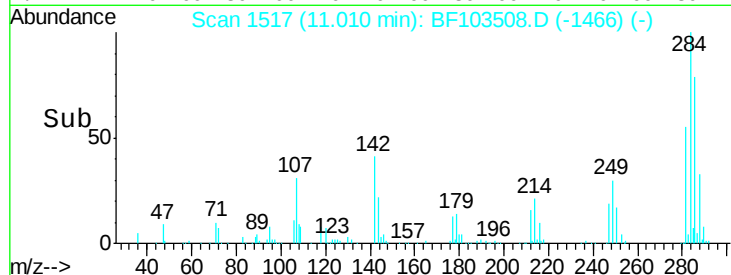
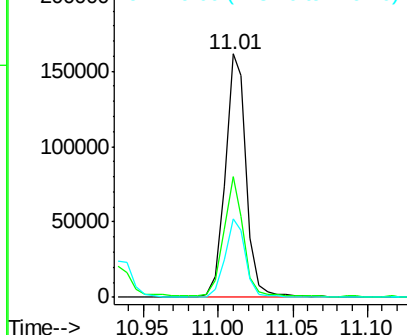
Tot Ion:	284	Resp:	161046
Ion Ratio	Lower	Upper	
284	100		
142	49.5	34.6	52.0
249	32.4	24.8	37.2

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



#68

Atrazine

Concen: 42.957 ng

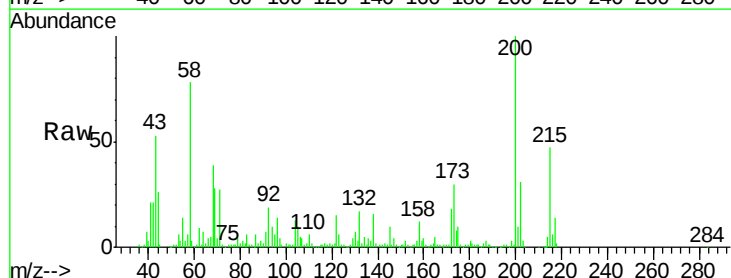
RT: 11.09 min Scan# 1531

Delta R.T. -0.00 min

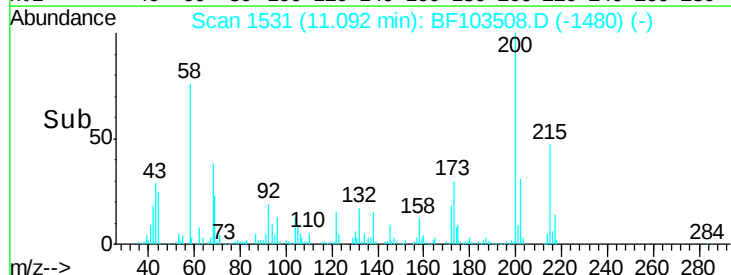
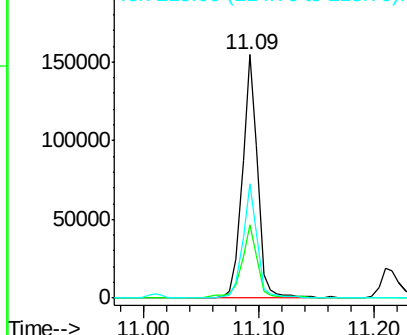
Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	200	Resp:	142083
Ion Ratio	Lower	Upper	
200	100		
173	30.3	8.6	48.6
215	47.0	25.1	65.1



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





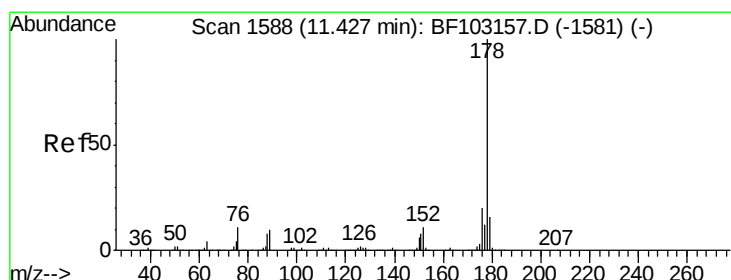
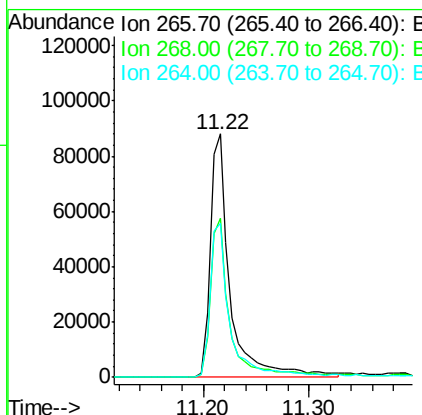
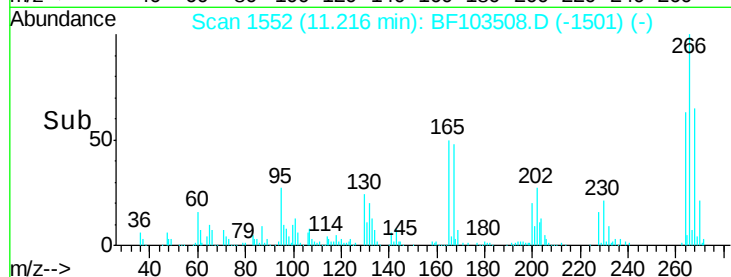
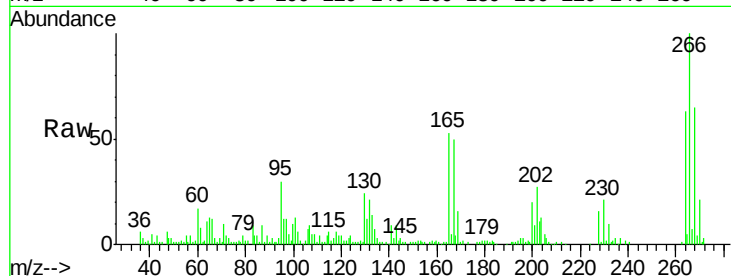
#69
 Pentachlorophenol
 Concen: 67.499 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	63.4	49.5	74.3

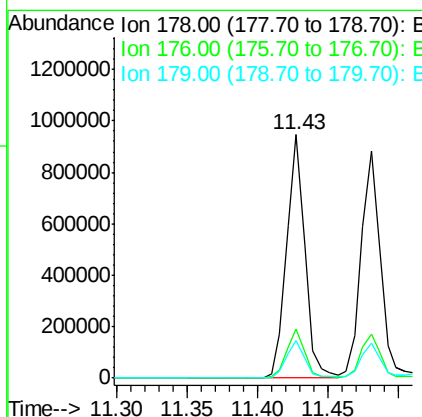
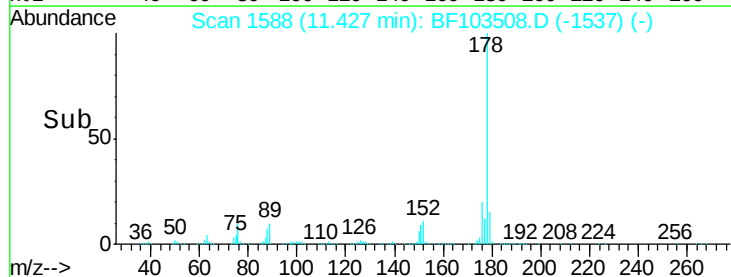
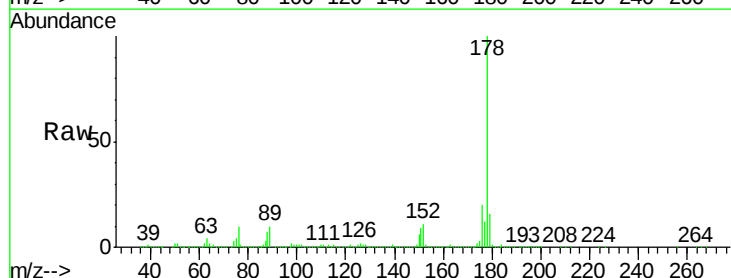
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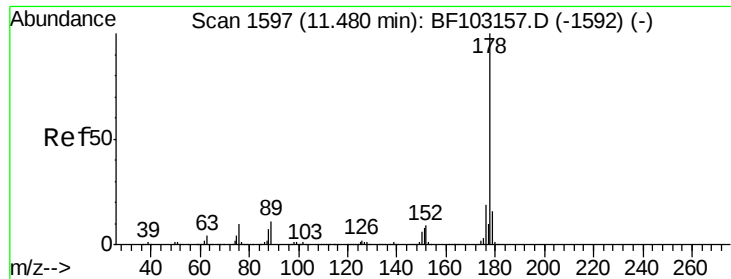
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#70
 Phenanthrene
 Concen: 49.057 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.5	13.0	19.6





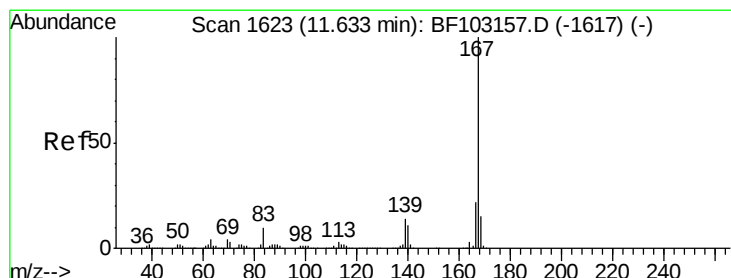
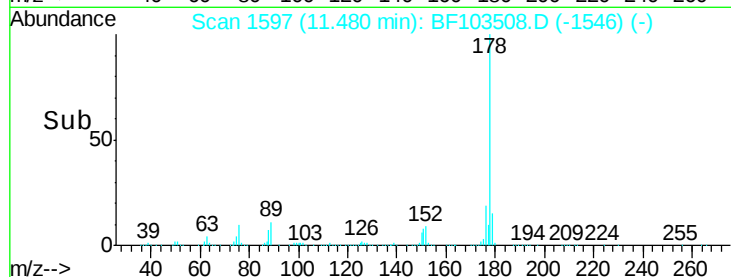
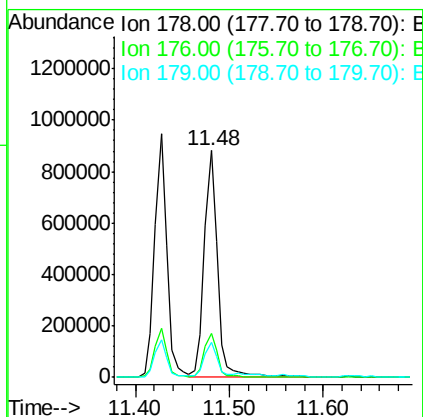
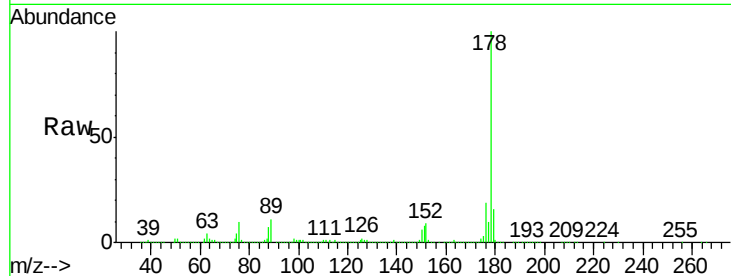
#71
 Anthracene
 Concen: 48.925 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0

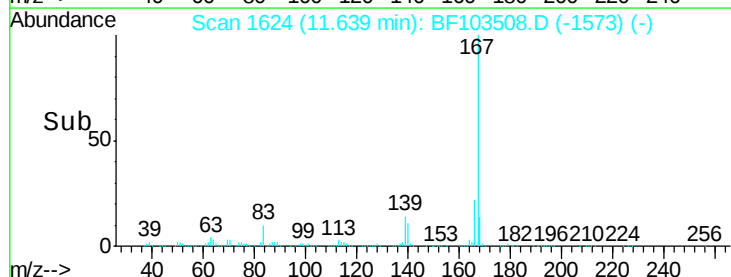
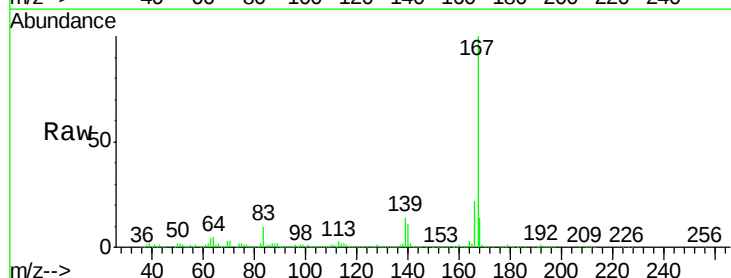
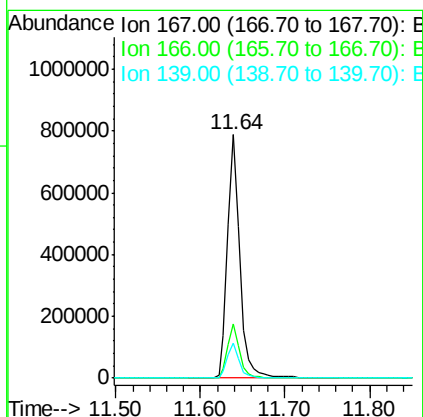
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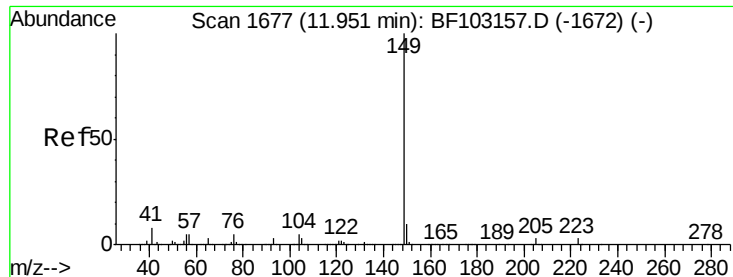
Sohil
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#72
 Carbazole
 Concen: 44.535 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	14.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.395 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-11MS

Tot Ion:149 Resp: 1031112

Ion Ratio Lower Upper

149 100

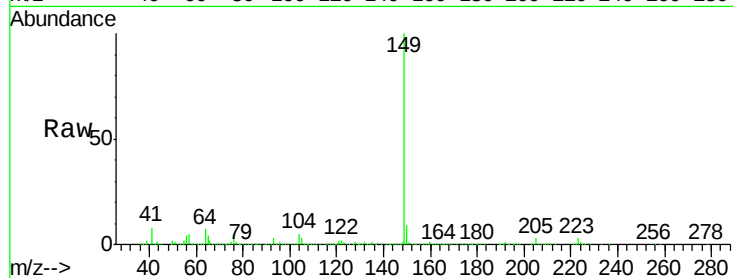
150 9.2 7.8 11.6

104 4.9 3.8 5.8

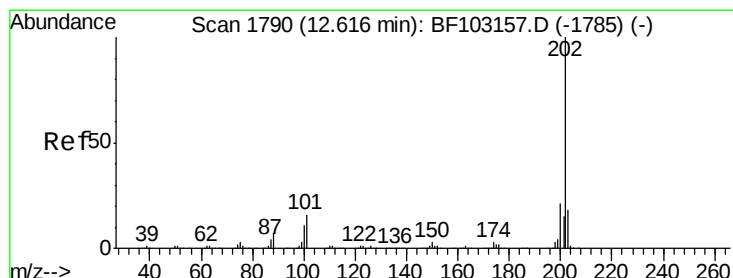
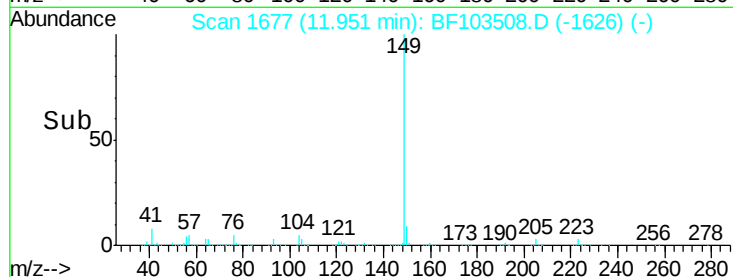
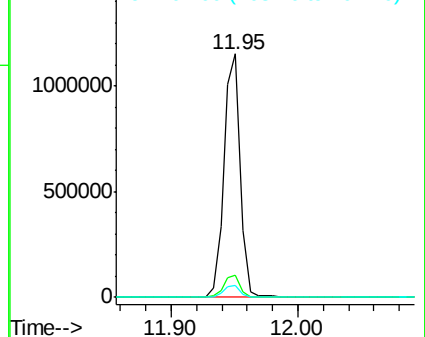
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.737 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

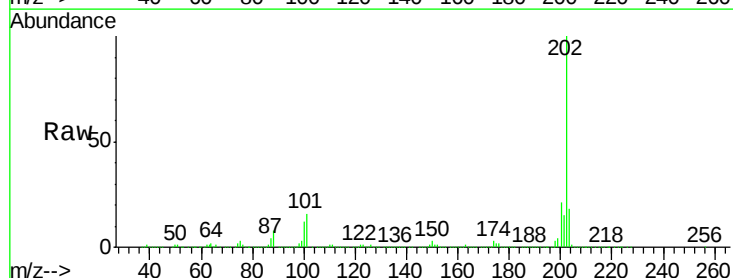
Tgt Ion:202 Resp: 834373

Ion Ratio Lower Upper

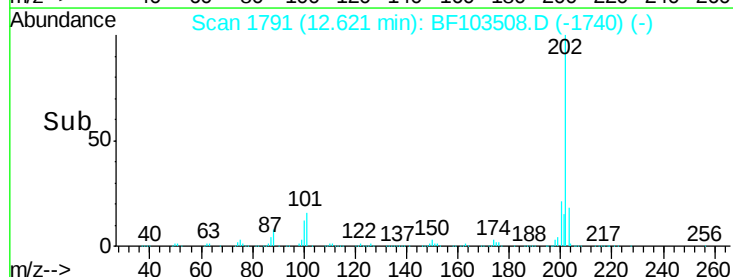
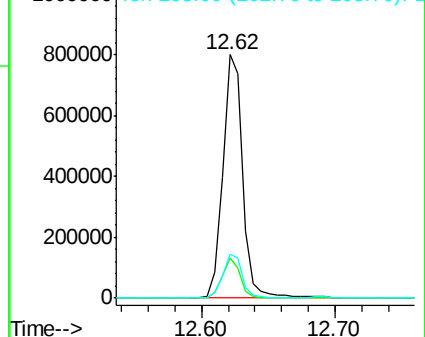
202 100

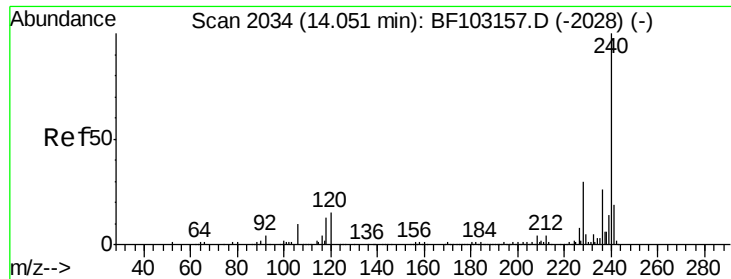
101 16.3 0.0 34.1

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

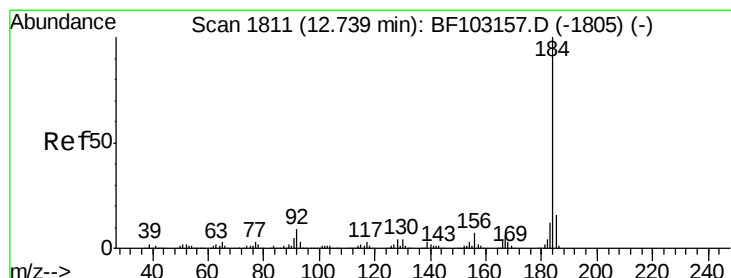
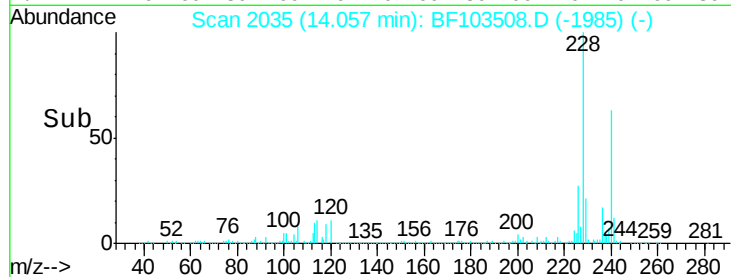
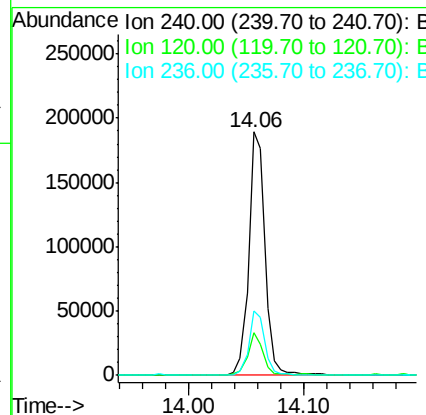
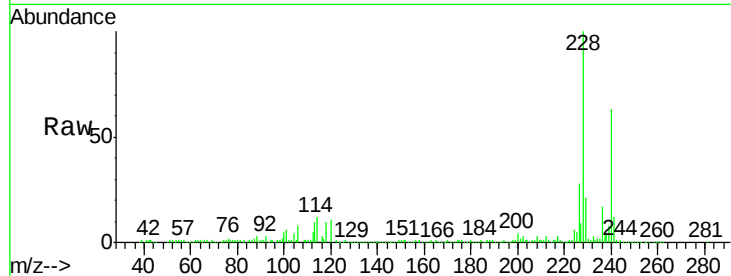
ClientSampleId :

SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.7	9.5	14.3
236	26.7	20.7	31.1

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#76

Benzidine

Concen: 25.645 ng

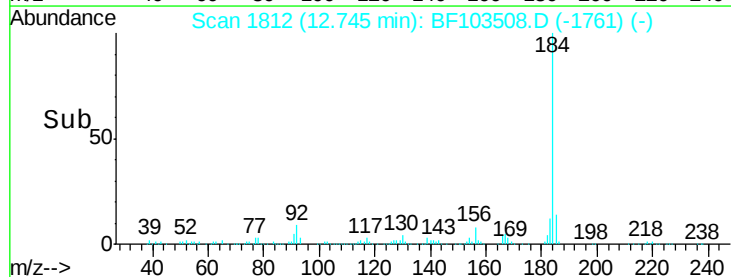
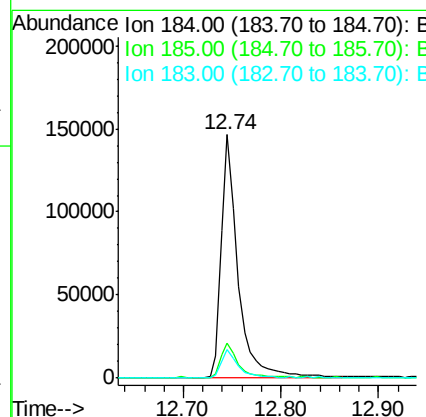
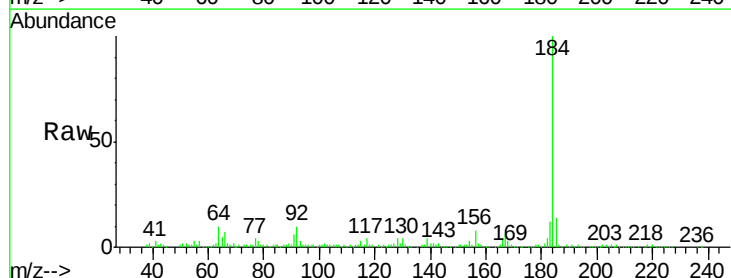
RT: 12.74 min Scan# 1812

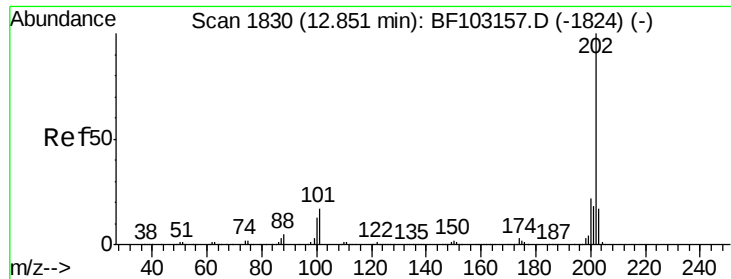
Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	12.0	9.3	13.9





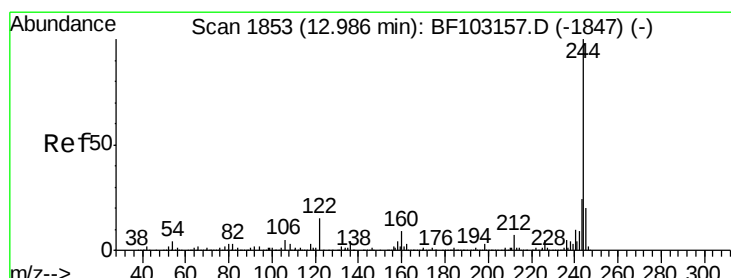
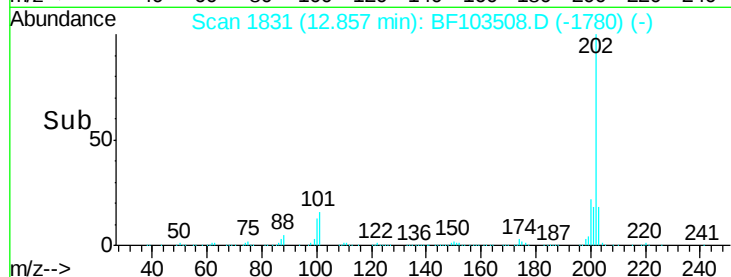
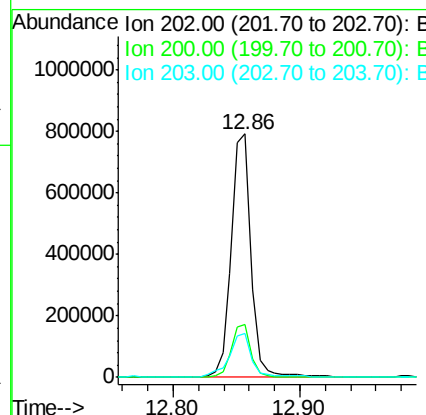
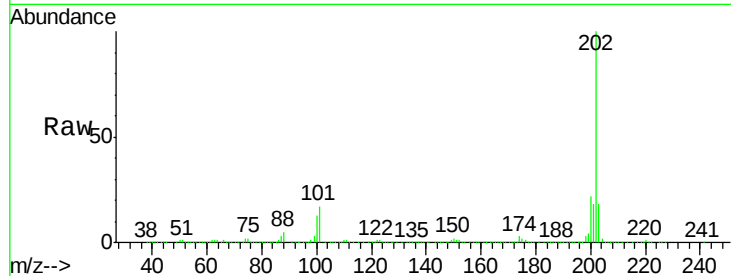
#77
Pvrene
Concen: 58.787 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

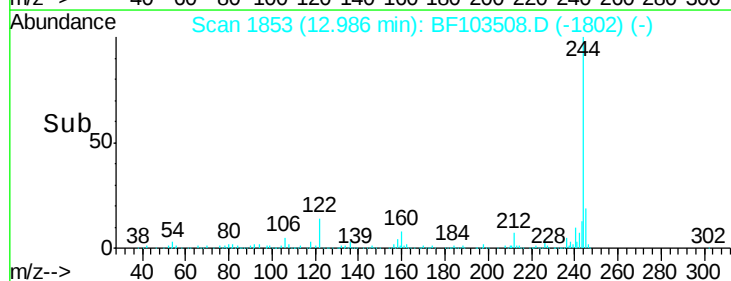
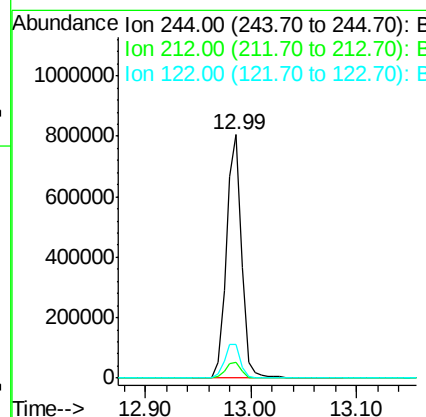
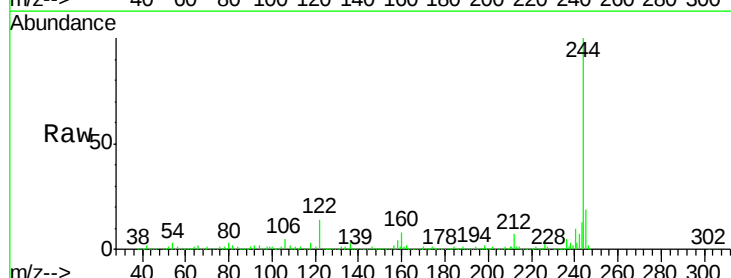
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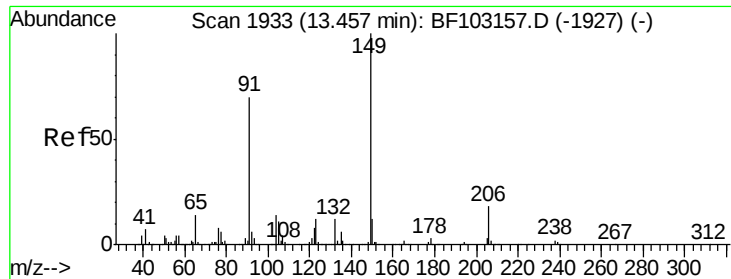
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#78
Terphenyl-d14
Concen: 104.908 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.9	11.0	16.4





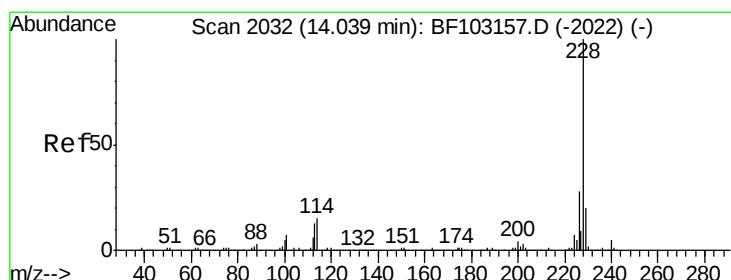
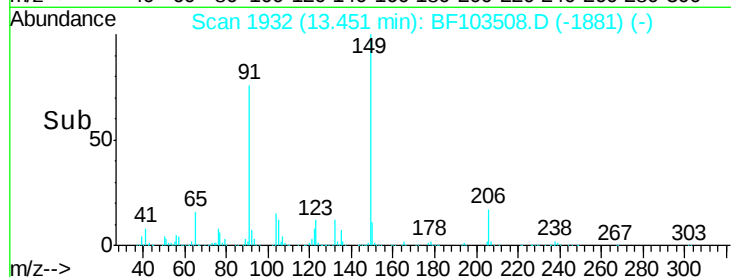
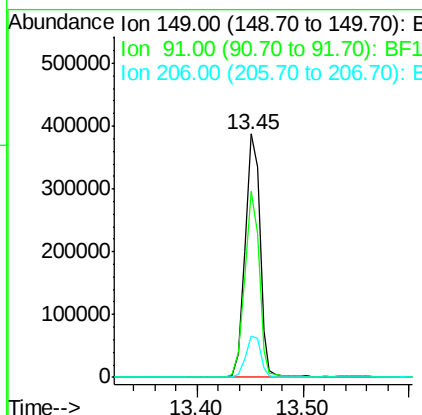
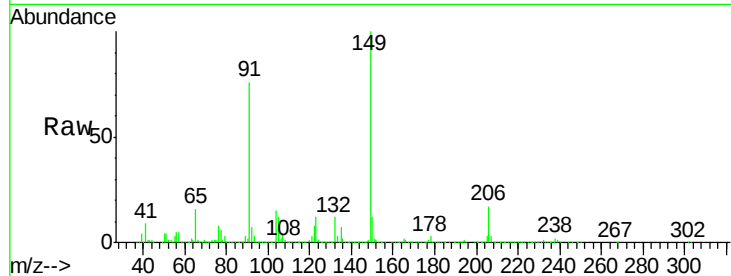
#79
Butylbenzylphthalate
Concen: 49.274 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	56.8	85.2
206	17.1	14.1	21.1

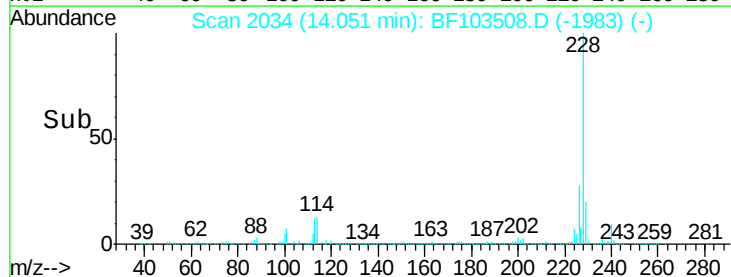
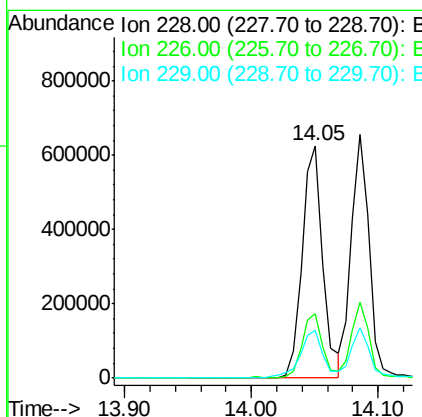
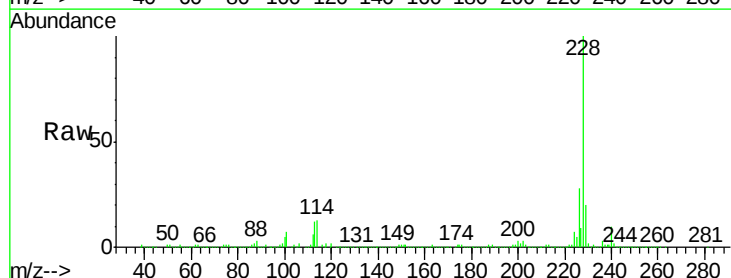
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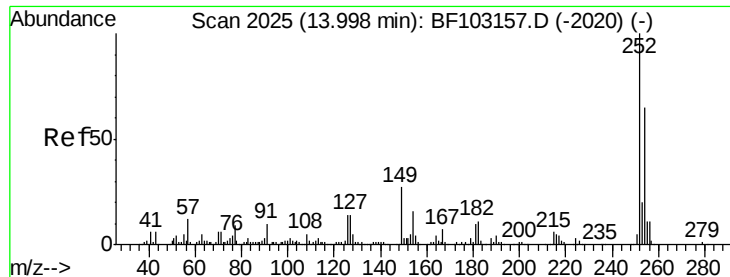
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#80
Benzo(a)anthracene
Concen: 58.504 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.4	15.8	23.6





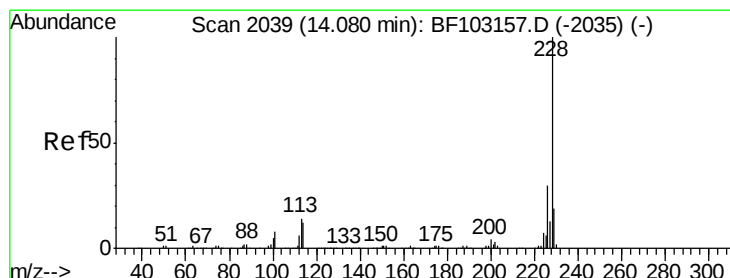
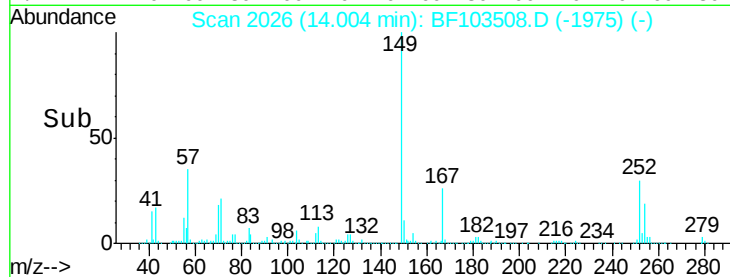
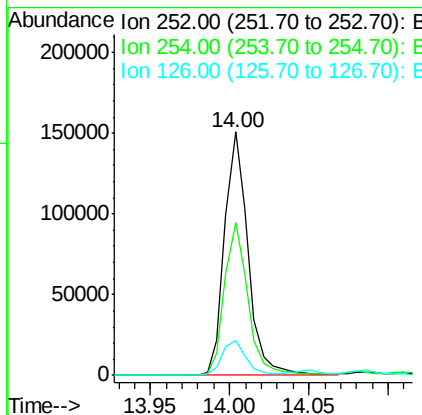
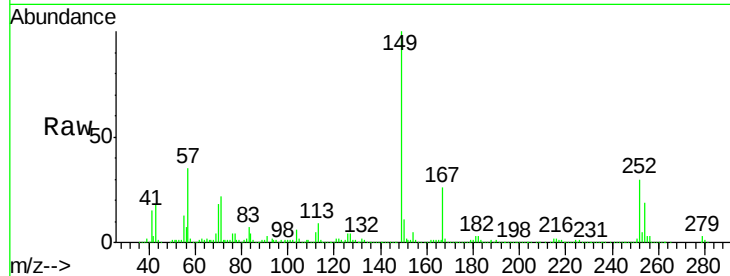
#81
 3,3'-Dichlorobenzidine
 Concen: 36.326 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-11MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	155888		
254	62.7	50.4	75.6	
126	14.3	11.3	16.9	

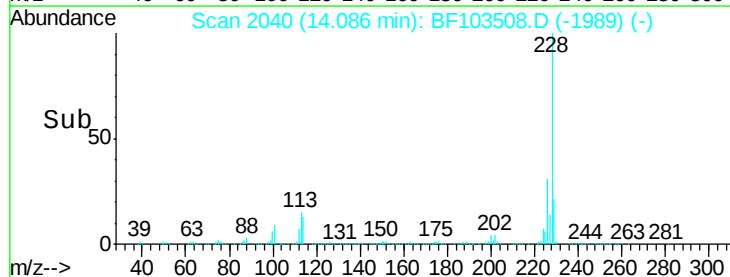
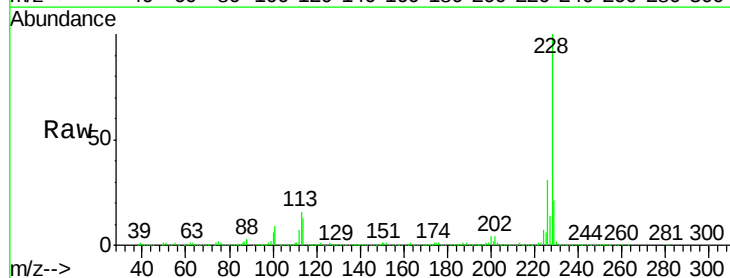
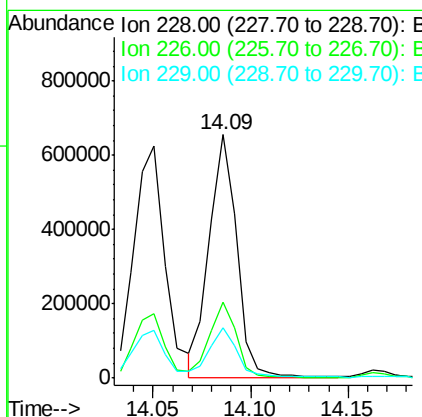
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#82
 Chrysene
 Concen: 55.568 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	648796		
226	31.3	25.0	37.6	
229	20.9	16.2	24.4	





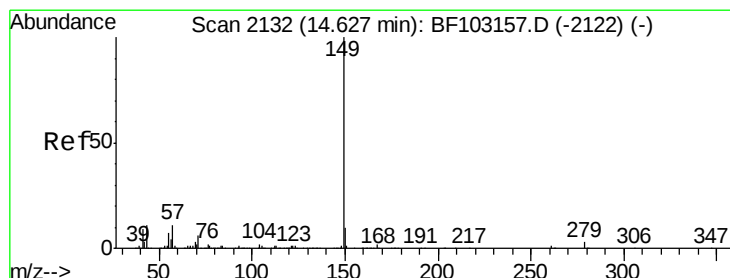
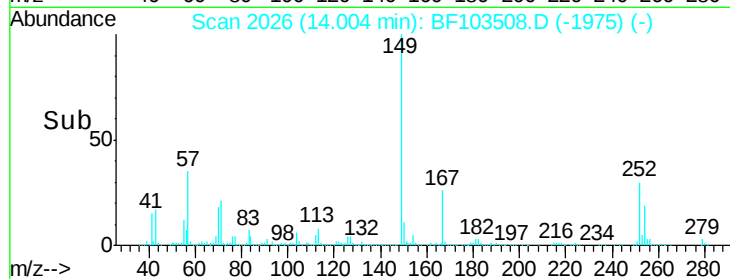
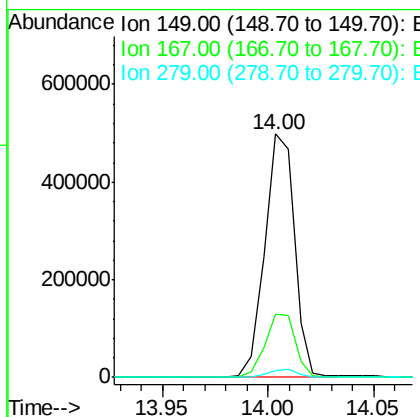
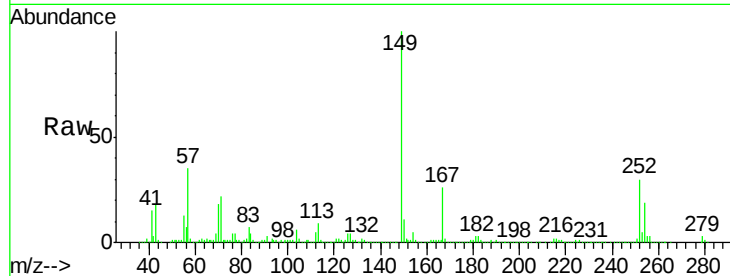
#83
Bis(2-ethylhexyl)phthalate
Concen: 47.297 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.8	3.0	4.4#

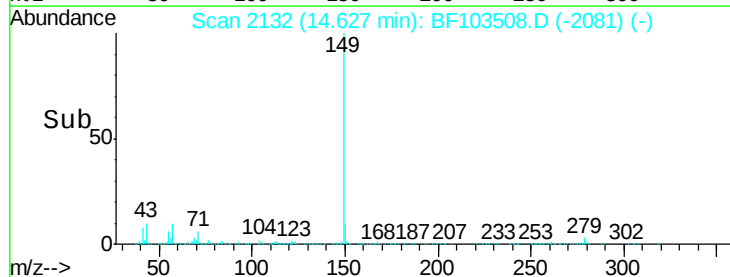
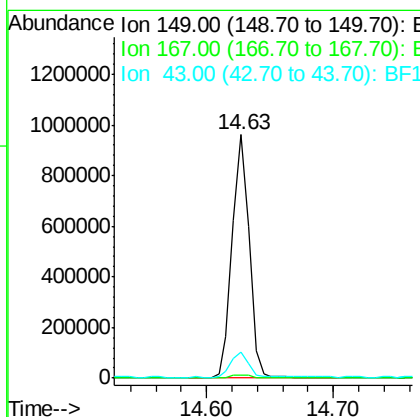
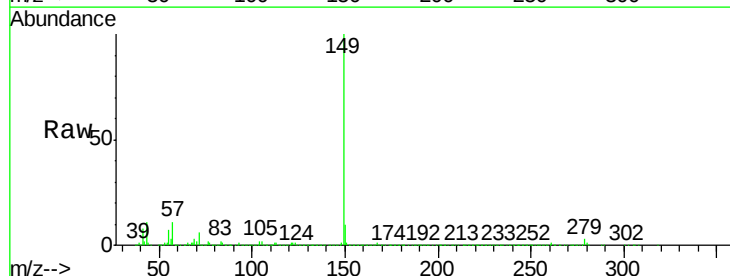
Manual Integrations
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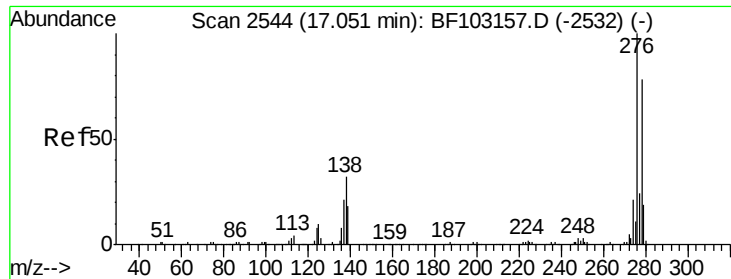
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#84
Di-n-octyl phthalate
Concen: 53.135 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.732 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

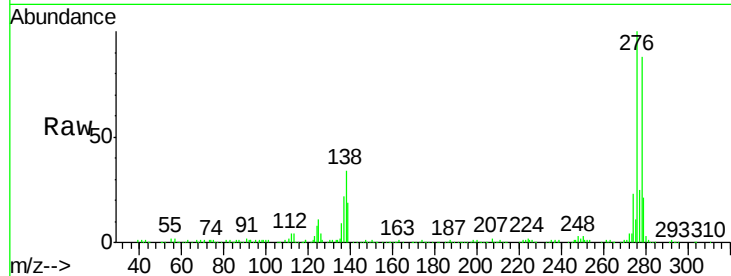
ClientSampleId :

SB-04-9.5-11MS

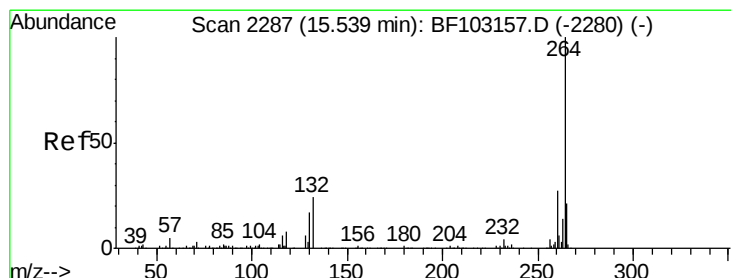
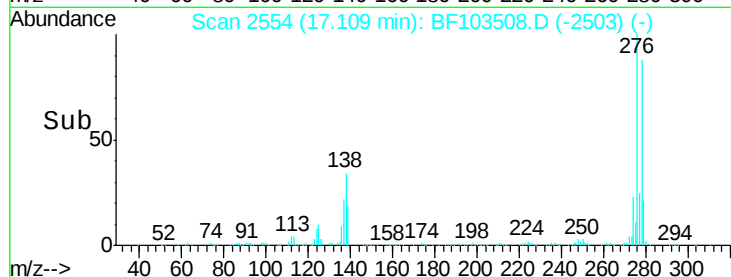
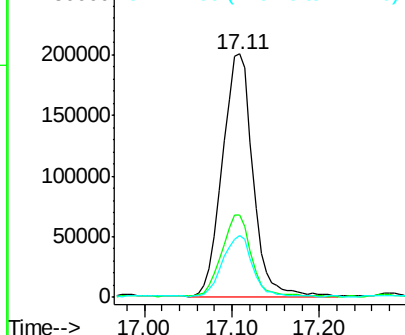
Tot Ion:	276	Resp:	478180
Ion Ratio	Lower	Upper	
276	100		
138	33.0	25.0	37.6
277	24.7	20.1	30.1

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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: 20.000 ng

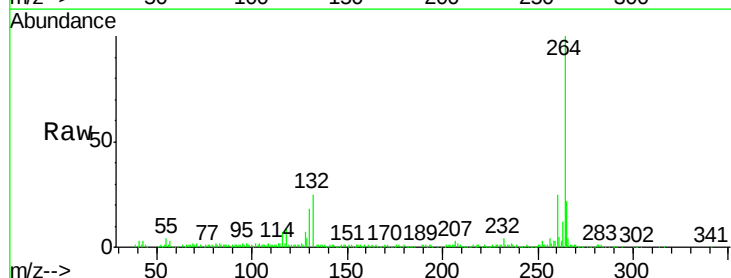
RT: 15.56 min Scan# 2291

Delta R.T. -0.00 min

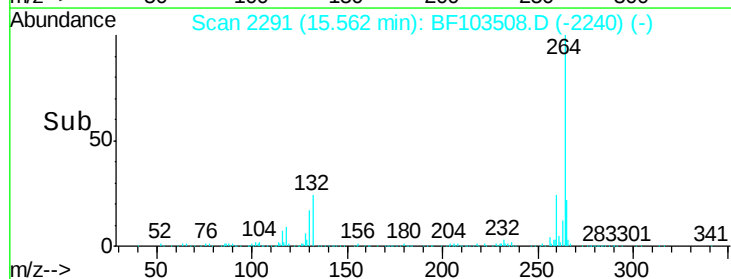
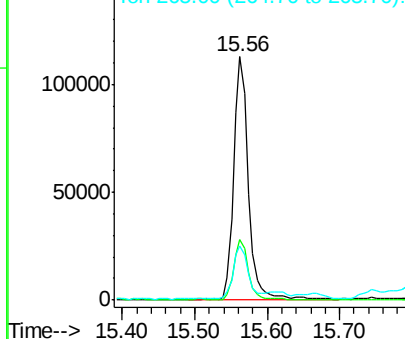
Lab File: BF103508.D

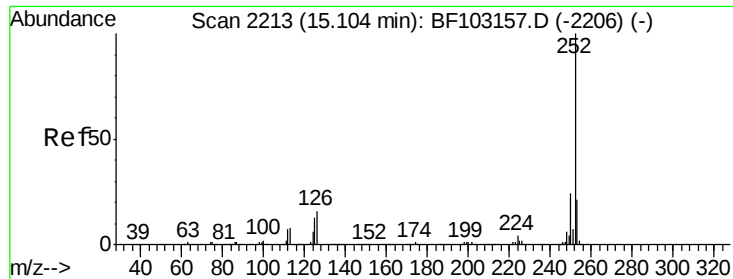
Acq: 7 Mar 2018 18:26

Tgt Ion:	264	Resp:	161330
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	22.0	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: 62.749 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

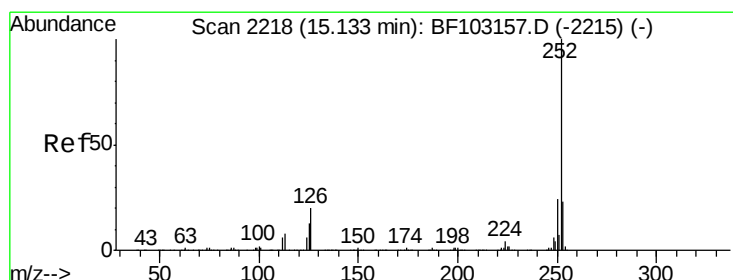
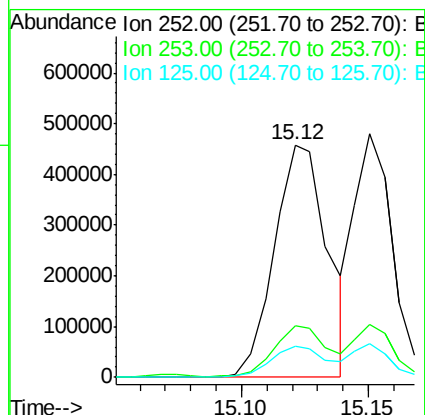
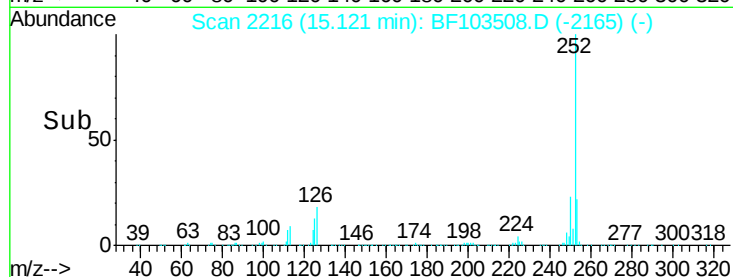
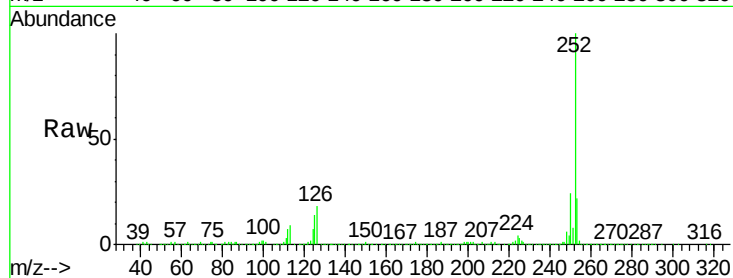
ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	252	Resp:	665600
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	13.6	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 51.410 ng

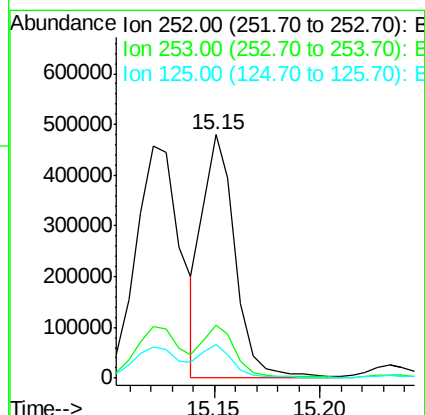
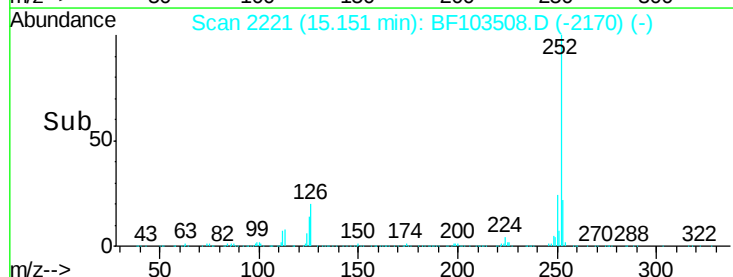
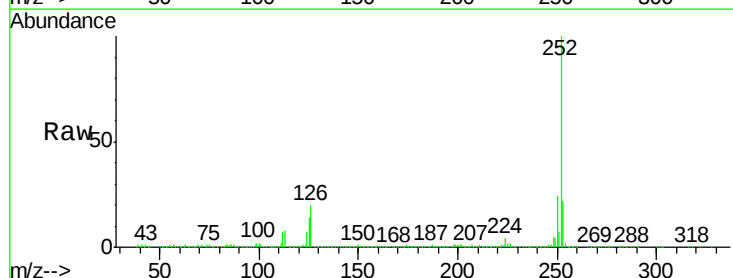
RT: 15.15 min Scan# 2221

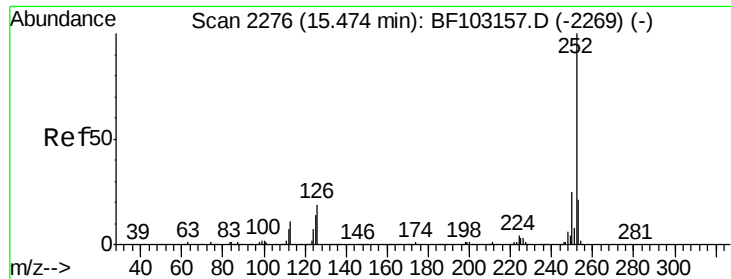
Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:	252	Resp:	513510
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	13.8	10.2	15.2





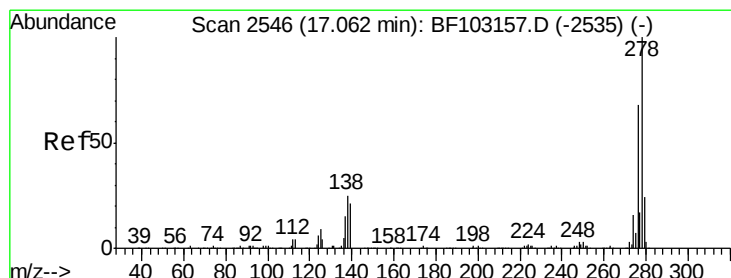
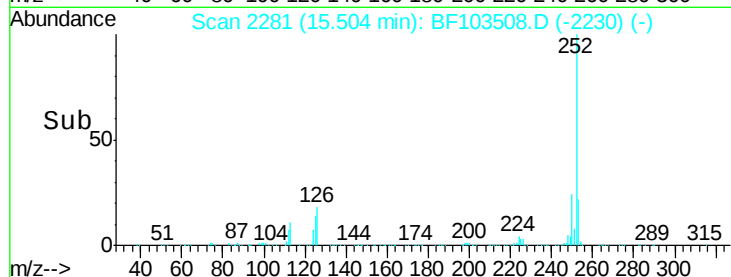
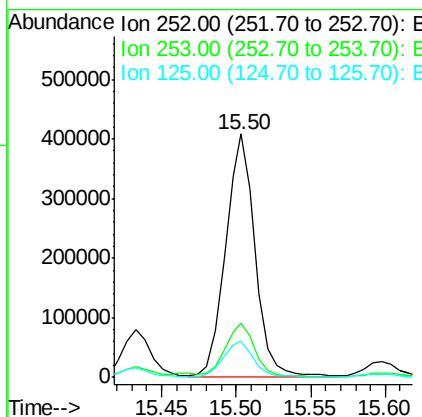
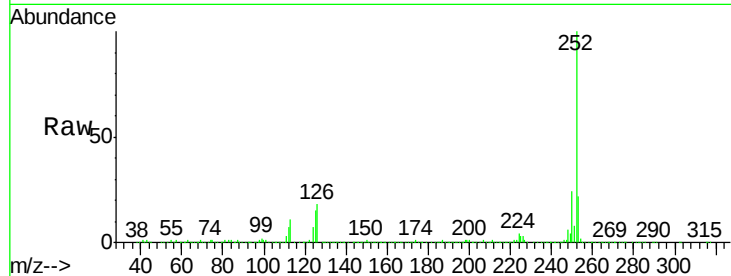
#89
Benzo(a)pyrene
Concen: 59.469 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.7	9.8	14.6

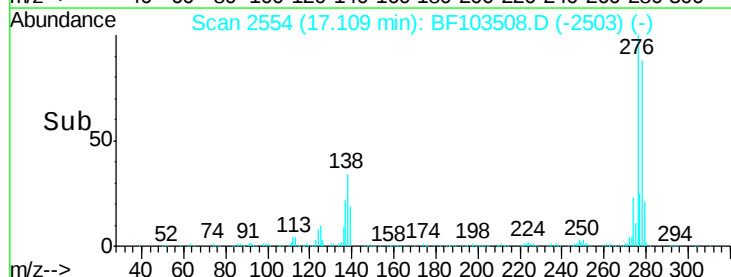
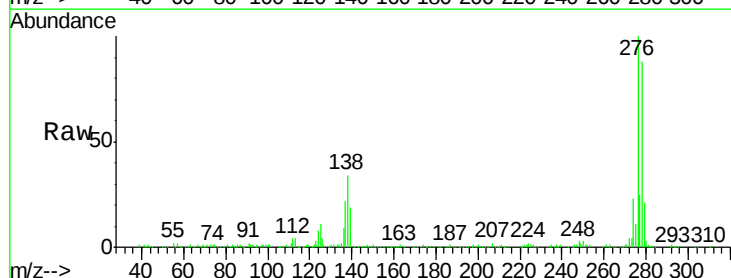
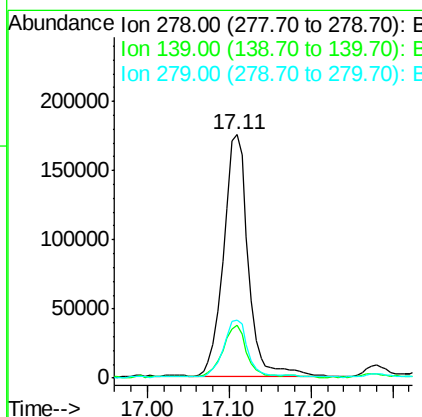
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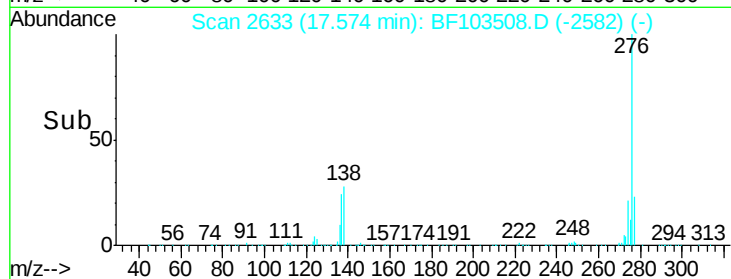
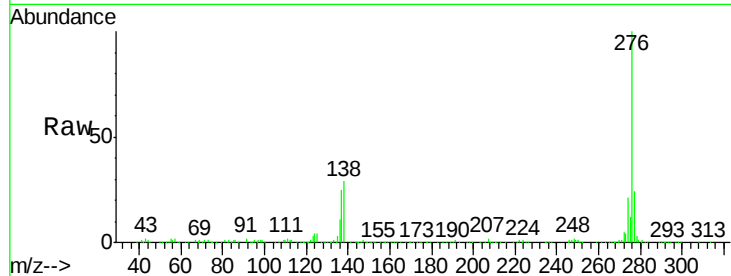
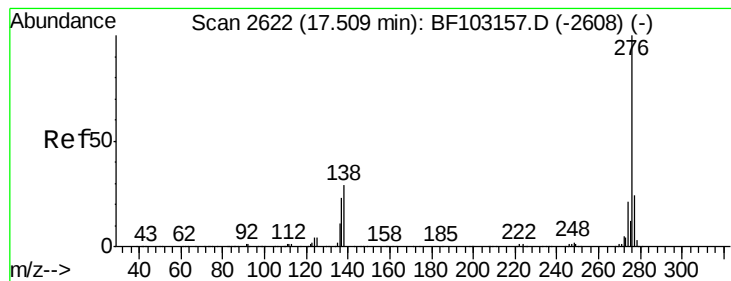
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 50.386 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 57.091 ng

RT: 17.57 min Scan# 2633

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-11MS

Tot Ion:	276	Resp:	408404
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	28.5	21.8	32.8

Manual Integrations
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