

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102434.D
 Acq On : 25 Jan 2018 20:11
 Operator : SJ/JU
 Sample : J1251-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:30 AM

Quant Time: Jan 26 00:41:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137732	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	578025	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	257534	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	422683	20.00	ng	0.00
75) Chrysene-d12	13.88	240	264801	20.00	ng	0.00
86) Perylene-d12	15.30	264	265495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	997562	109.82	ng	0.01
7) Phenol-d6	6.37	99	1206359	110.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	763390	75.90	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	227537	89.17	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1262086	72.06	ng	0.00
78) Terphenyl-d14	12.82	244	980217	83.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	135853	31.477	ng	98
3) Pyridine	3.13	79	193481	17.154	ng	98
4) n-Nitrosodimethylamine	3.08	42	194530	43.994	ng	98
6) Aniline	6.39	93	249666	17.236	ng	# 66
8) 2-Chlorophenol	6.50	128	386371	40.576	ng	100
9) Benzaldehyde	6.27	77	212848	33.042	ng	92
10) Phenol	6.38	94	491509	41.111	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	368578	40.534	ng	96
12) 1,3-Dichlorobenzene	6.66	146	396963	35.053	ng	99
13) 1,4-Dichlorobenzene	6.73	146	407381	35.911	ng	99
14) 1,2-Dichlorobenzene	6.89	146	380804	36.699	ng	99
15) Benzyl Alcohol	6.87	79	306356	39.649	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	578686	37.945	ng	80
17) 2-Methylphenol	6.98	107	318935	38.566	ng	96
18) Hexachloroethane	7.22	117	143258	36.240	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	255801	38.169	ng	99
20) 3+4-Methylphenols	7.14	107	386173	39.705	ng	# 87
22) Acetophenone	7.13	105	531096	38.543	ng	94
24) Nitrobenzene	7.30	77	391750	38.058	ng	98
25) Isophorone	7.55	82	725235	40.444	ng	98
26) 2-Nitrophenol	7.62	139	219210	40.463	ng	91
27) 2,4-Dimethylphenol	7.66	122	348756	44.334	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	460776	41.598	ng	99
29) 2,4-Dichlorophenol	7.86	162	328897	41.045	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	311177	36.227	ng	99
31) Naphthalene	8.02	128	1085981	37.629	ng	100
32) Benzoic acid	7.77	122	68981	10.466	ng	97
33) 4-Chloroaniline	8.07	127	169743	13.987	ng	99
34) Hexachlorobutadiene	8.13	225	162027	35.318	ng	98
35) Caprolactam	8.46	113	108711m	41.078	ng	
36) 4-Chloro-3-methylphenol	8.57	107	350683	41.518	ng	99
37) 2-Methylnaphthalene	8.71	142	737538	38.374	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	286812	37.017	ng	99
40) Hexachlorocyclopentadiene	8.86	237	176927	51.024	ng	98

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Manual Integrations
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Sohil
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	204129	39.355	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	217144	37.182	nq	97
45) 1,1'-Biphenyl	9.18	154	849492	36.890	nq	98
46) 2-Chloronaphthalene	9.20	162	657867	36.754	nq	97
47) 2-Nitroaniline	9.30	65	222042	39.790	nq	96
48) Acenaphthylene	9.62	152	985610	35.345	nq	100
49) Dimethylphthalate	9.49	163	1130339	53.100	nq	99
50) 2,6-Dinitrotoluene	9.55	165	176362	38.428	nq	95
51) Acenaphthene	9.79	154	583604	35.835	nq	99
52) 3-Nitroaniline	9.72	138	127933	23.564	nq	98
53) 2,4-Dinitrophenol	9.83	184	131710	64.703	nq #	20
54) Dibenzofuran	9.96	168	854234	38.756	nq	98
55) 4-Nitrophenol	9.90	139	257749	71.920	nq	96
56) 2,4-Dinitrotoluene	9.96	165	220451	39.061	nq #	92
57) Fluorene	10.30	166	672834	38.524	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	171247	41.069	nq	96
59) Diethylphthalate	10.18	149	762714	36.872	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	290558	38.371	nq	96
61) 4-Nitroaniline	10.33	138	187846	34.673	nq	93
62) Azobenzene	10.46	77	707247	37.344	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	102676	36.410	nq	94
65) n-Nitrosodiphenylamine	10.42	169	614514	39.610	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	183158	40.253	nq	91
67) Hexachlorobenzene	10.85	284	181636	35.693	nq #	92
68) Atrazine	10.95	200	189671	41.395	nq	98
69) Pentachlorophenol	11.04	266	166645	62.338	nq	97
70) Phenanthrene	11.26	178	936049	38.003	nq	99
71) Anthracene	11.32	178	955257	37.997	nq	99
72) Carbazole	11.47	167	890931	36.325	nq	99
73) Di-n-butylphthalate	11.80	149	1139324	37.163	nq	99
74) Fluoranthene	12.45	202	840371	33.458	nq	98
76) Benzidine	12.57	184	93177	10.474	nq	98
77) Pyrene	12.68	202	829842	40.533	nq	99
79) Butylbenzylphthalate	13.30	149	408696	40.113	nq	93
80) Benzo(a)anthracene	13.87	228	642377	39.403	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	160144	26.778	nq	97
82) Chrysene	13.90	228	618948	37.386	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	560492	40.934	nq #	98
84) Di-n-octyl phthalate	14.46	149	914923	41.088	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	640101	46.816	nq	99
87) Benzo(b)fluoranthene	14.90	252	626788	36.424	nq	98
88) Benzo(k)fluoranthene	14.93	252	594273	36.553	nq	98
89) Benzo(a)pyrene	15.24	252	597024	38.469	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	529754	42.138	nq	98
91) Benzo(g,h,i)perylene	17.13	276	525267	42.315	nq	98

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

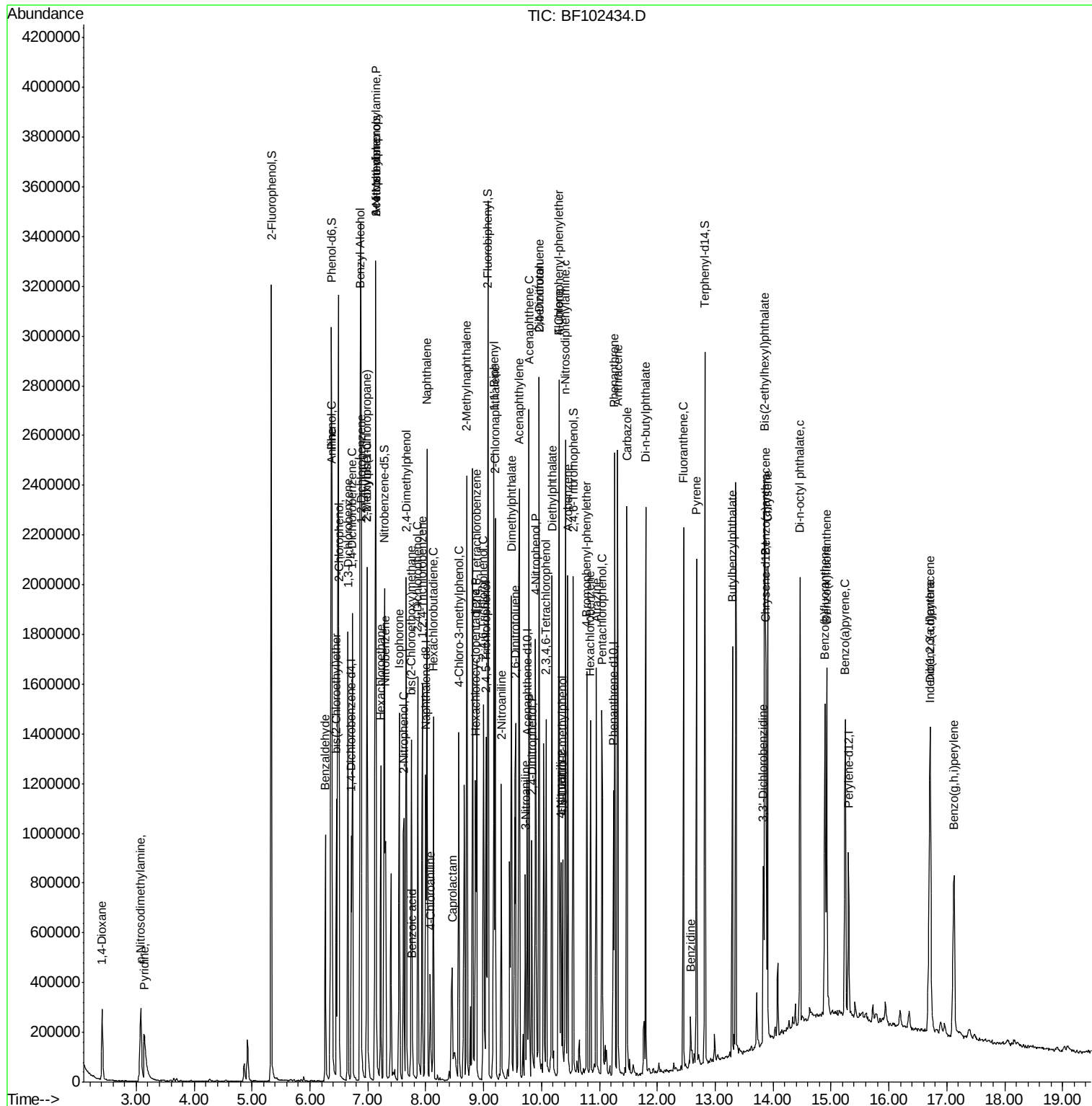
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Acq On    : 25 Jan 2018   20:11  
Operator  : SJ/JU  
Sample    : J1251-01MS  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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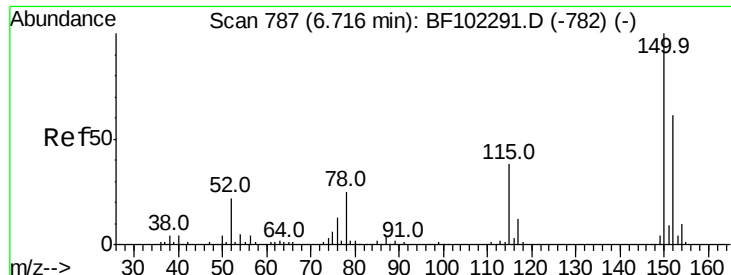
Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

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#1

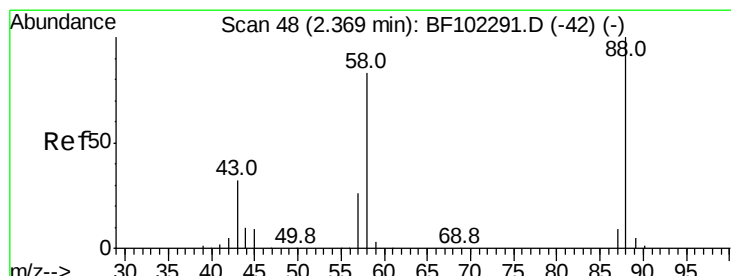
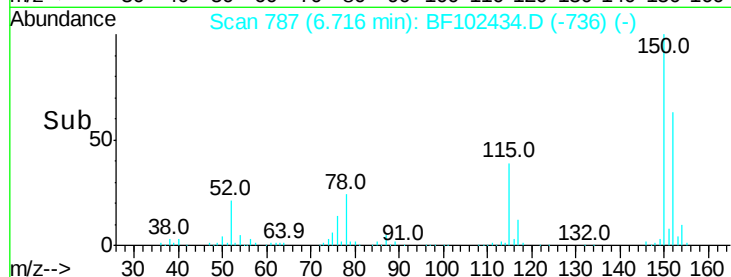
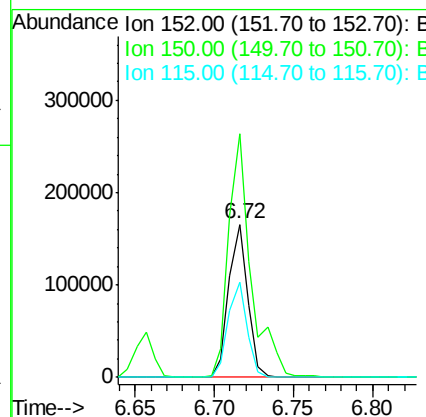
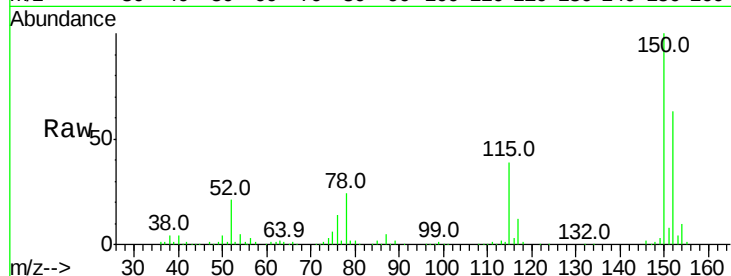
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	61.7	50.1	75.1

Manual Integrations
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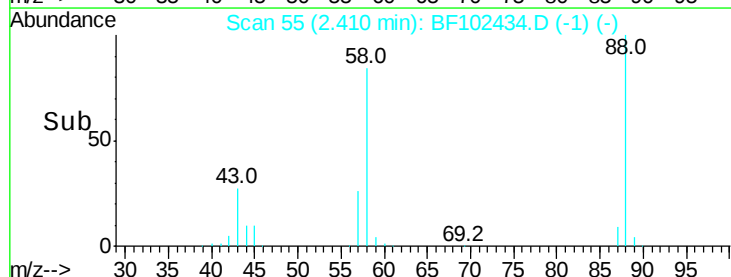
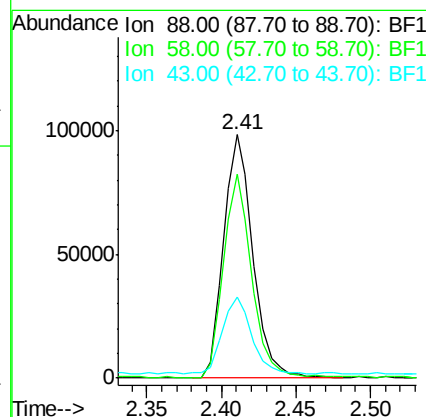
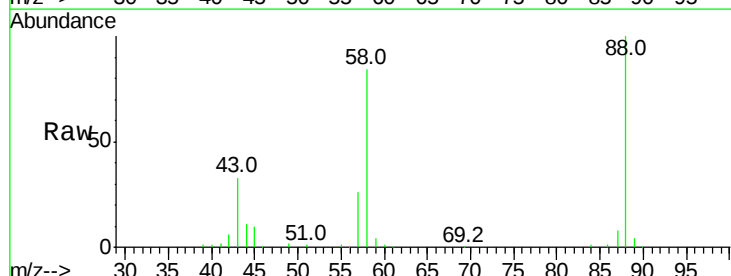
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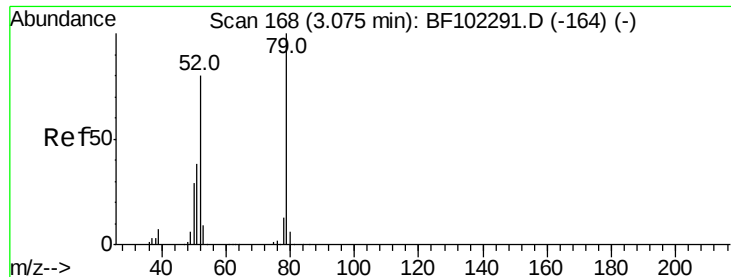


#2

1,4-Dioxane
Concen: 31.477 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.04 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.6	93.8
43	31.7	24.6	37.0





#3

Pvridine

Concen: 17.154 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.06 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

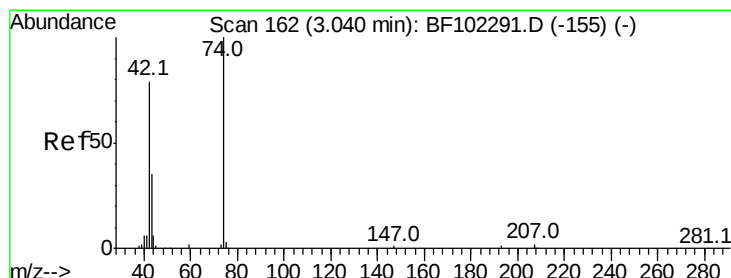
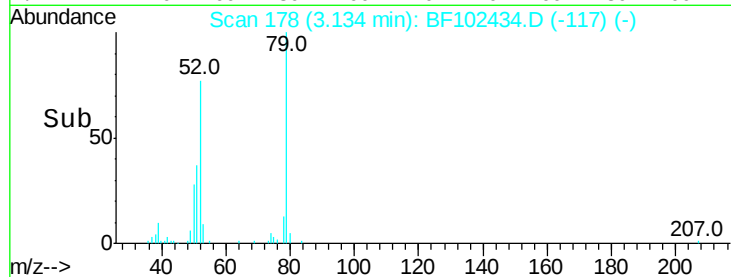
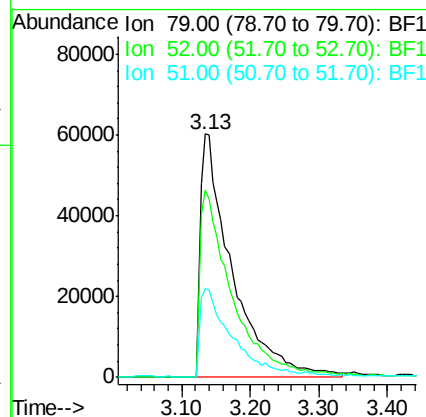
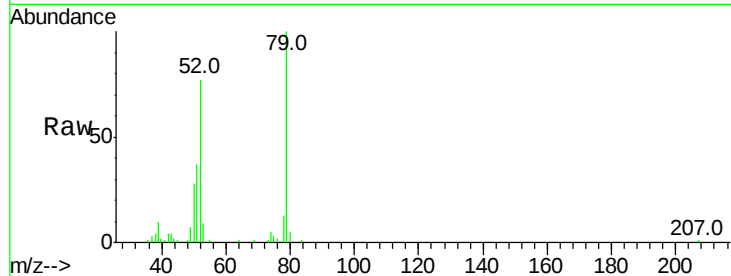
ClientSampleId :

W12-1(0-2)MS

Tot Ion:	79	Resp:	193481
Ion Ratio	Lower	Upper	
79	100		
52	77.1	59.8	89.6
51	36.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.994 ng

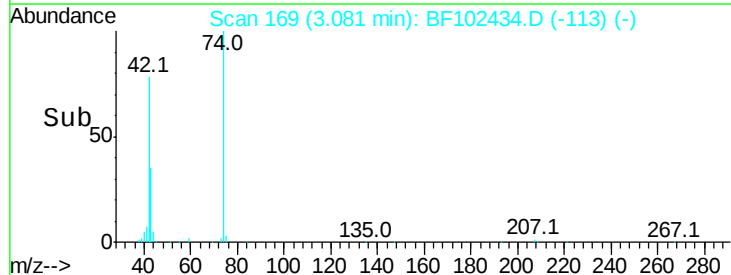
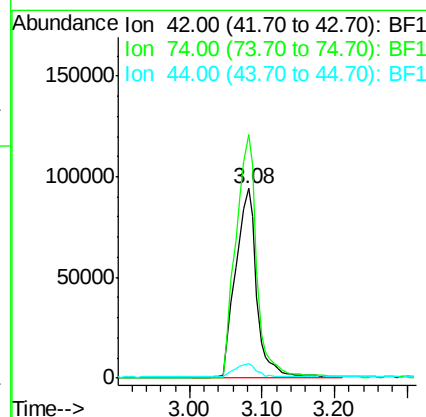
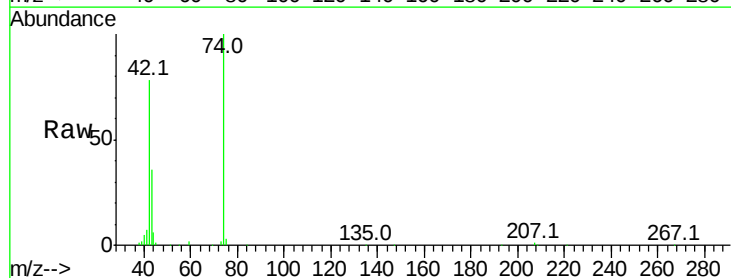
RT: 3.08 min Scan# 169

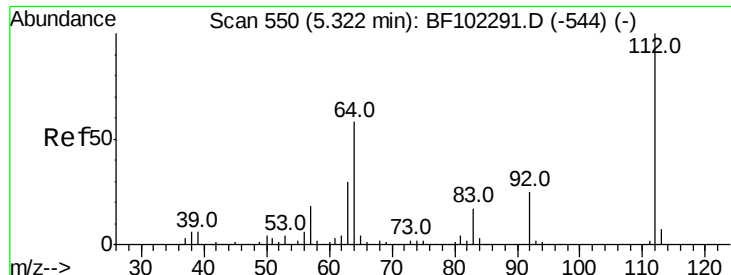
Delta R.T. 0.03 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:	42	Resp:	194530
Ion Ratio	Lower	Upper	
42	100		
74	128.7	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 109.819 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

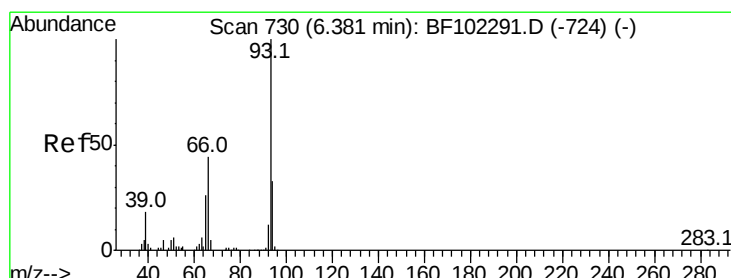
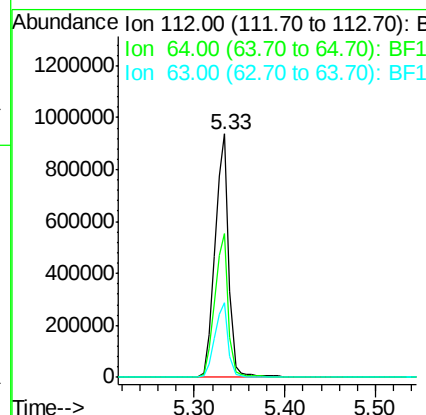
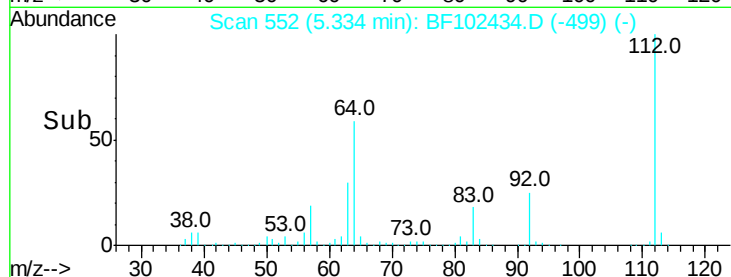
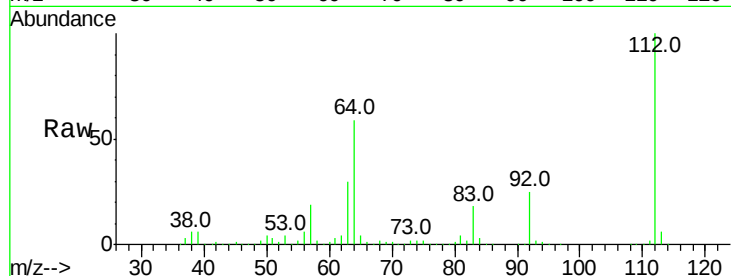
ClientSampleId :

W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.4	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 17.236 ng

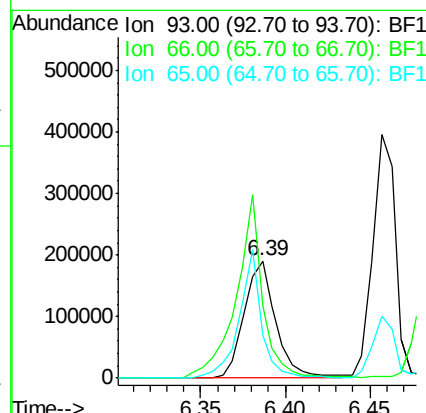
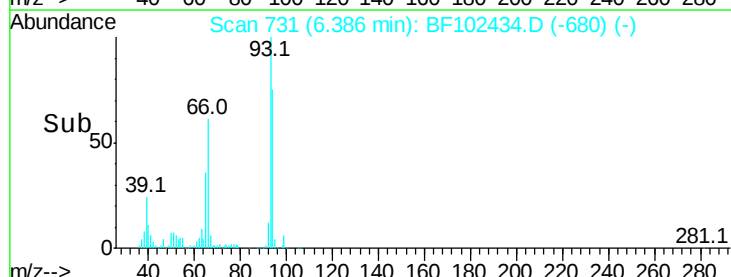
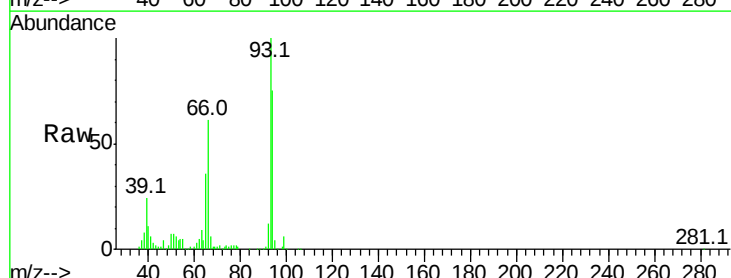
RT: 6.39 min Scan# 731

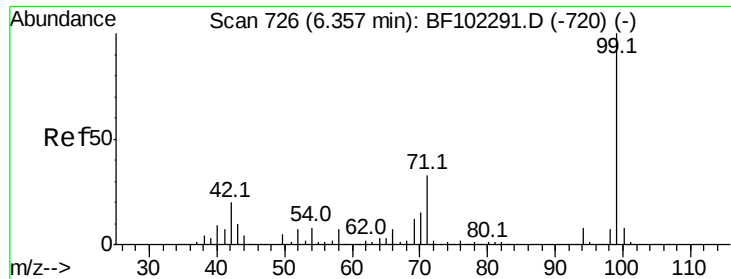
Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
93	100		
66	61.5	32.2	48.2#
65	36.4	16.4	24.6#





#7

Phenol-d6

Concen: 110.158 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MS

Tot Ion: 99 Resp: 1206359

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

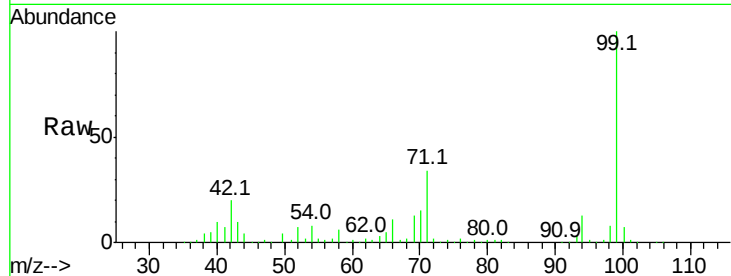
71 34.1 25.4 38.0

Manual Integrations

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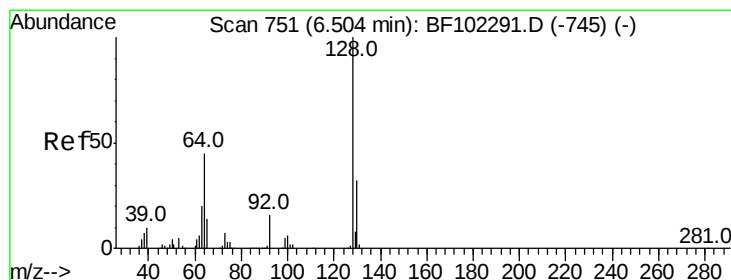
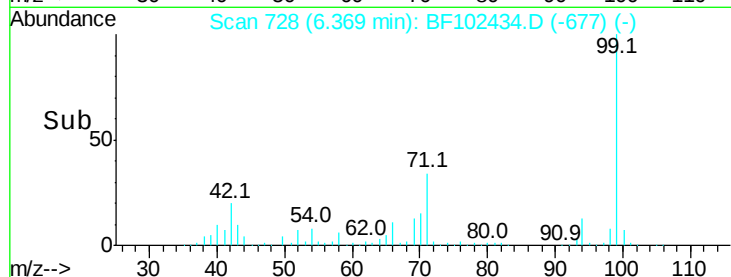
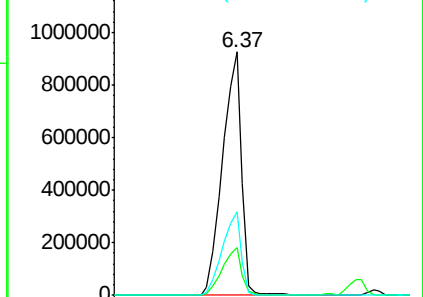
1/26/2018 11:24:30 AM



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: 40.576 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

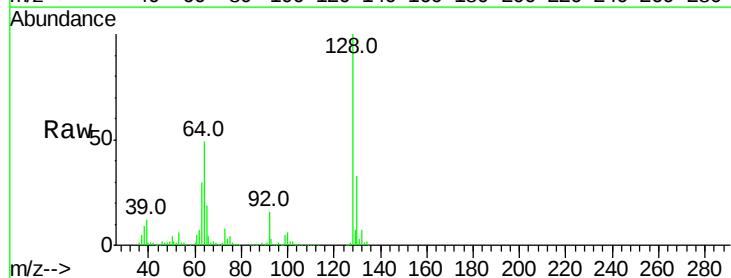
Tgt Ion: 128 Resp: 386371

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

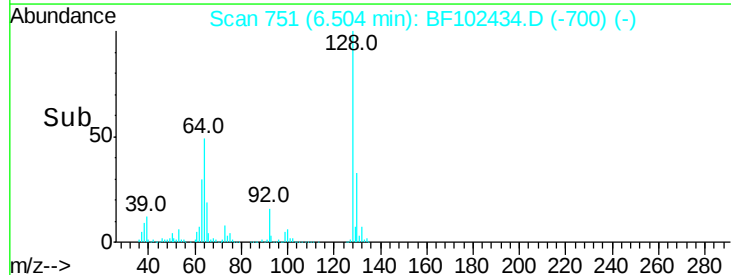
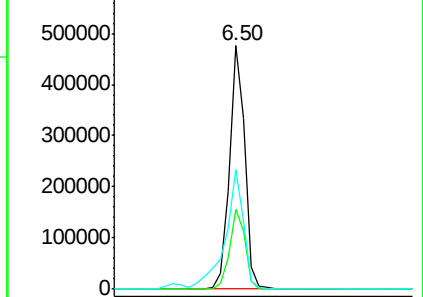
64 49.2 29.4 69.4

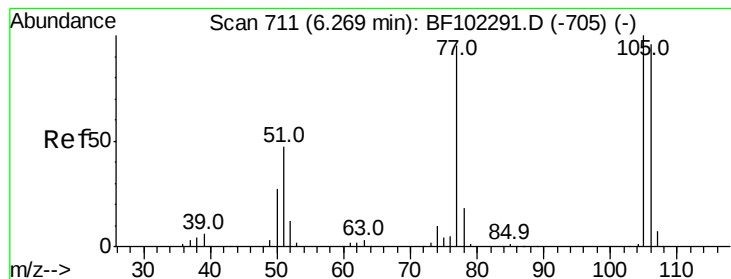


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.042 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MS

Tot Ion: 77 Resp: 212848

Ion Ratio Lower Upper

77 100

105 107.8 81.1 121.1

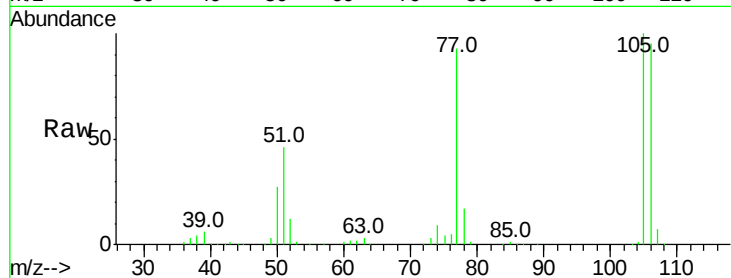
106 102.8 74.5 114.5

Manual Integrations

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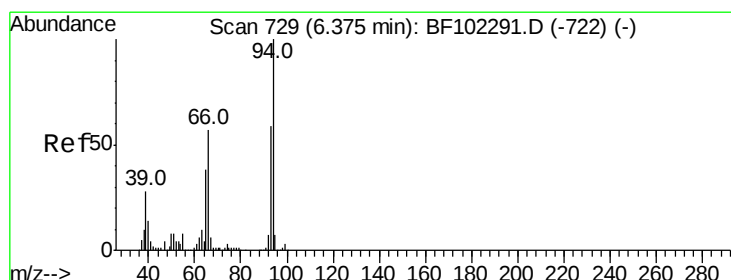
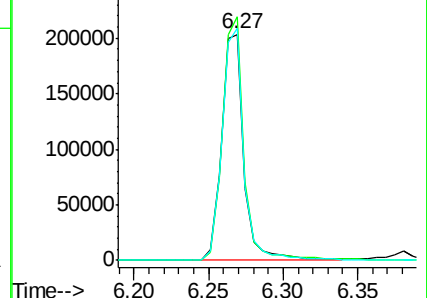
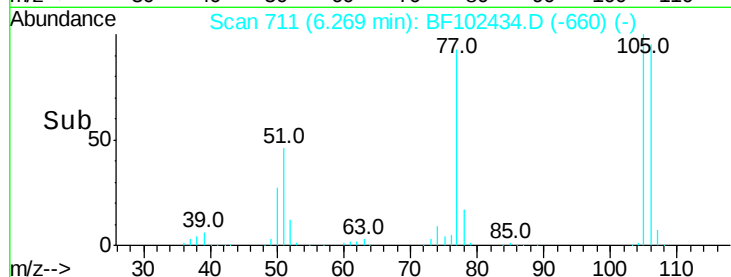
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.111 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

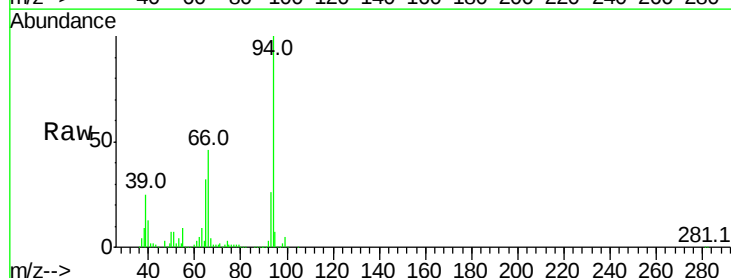
Tgt Ion: 94 Resp: 491509

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

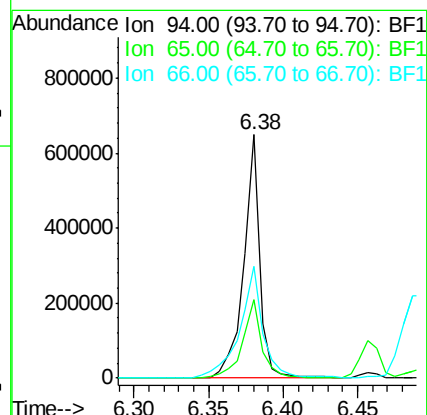
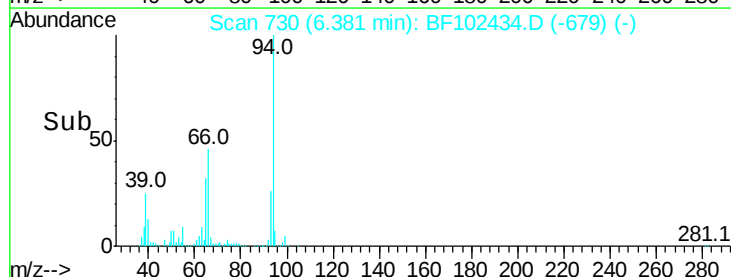
66 46.1 16.2 56.2

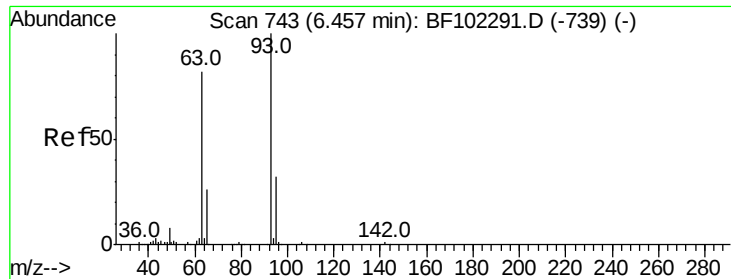


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





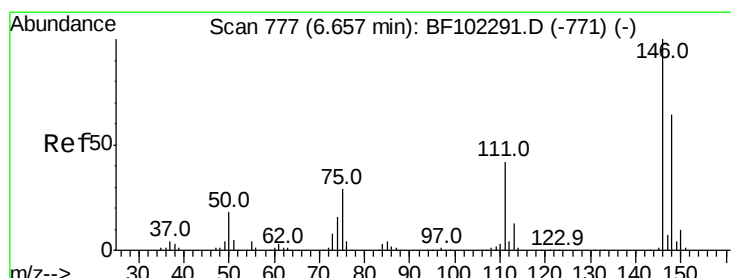
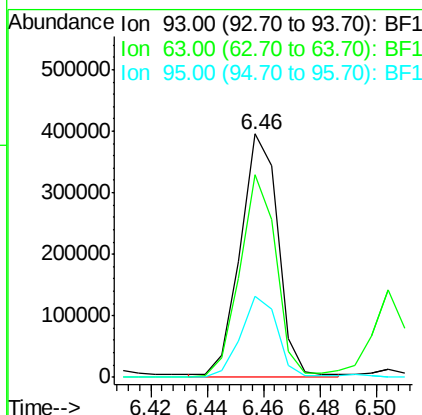
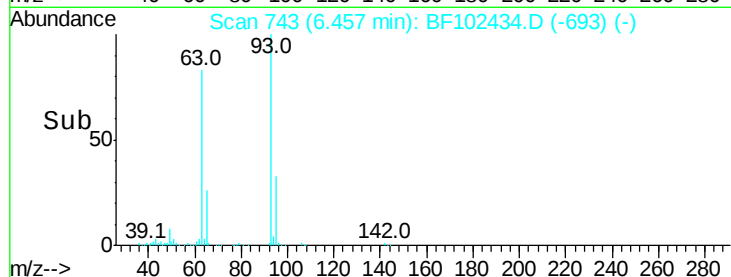
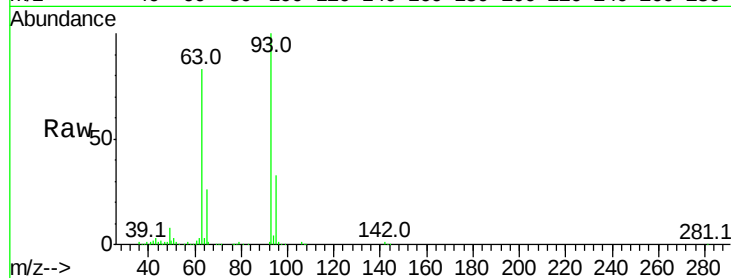
#11
bis(2-Chloroethyl)ether
Concen: 40.534 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	93	Resp	368578
Ion Ratio	100	Lower	Upper
93	100		
63	83.2	58.6	98.6
95	33.1	11.8	51.8

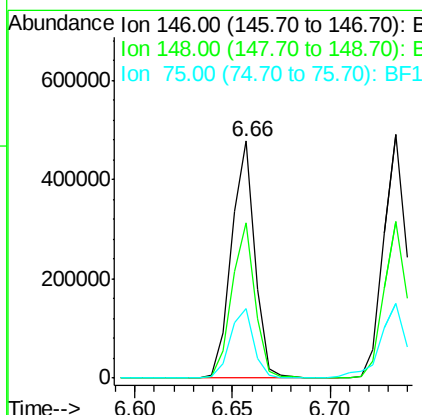
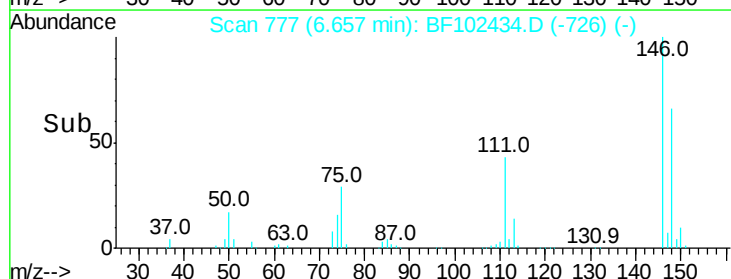
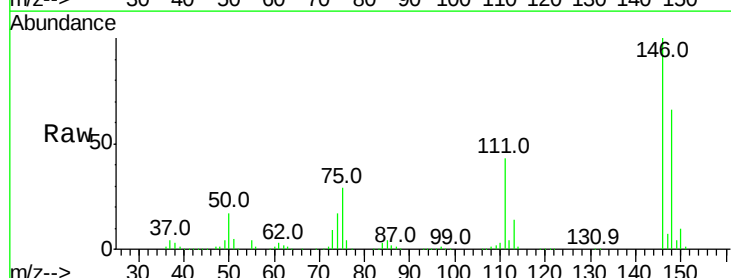
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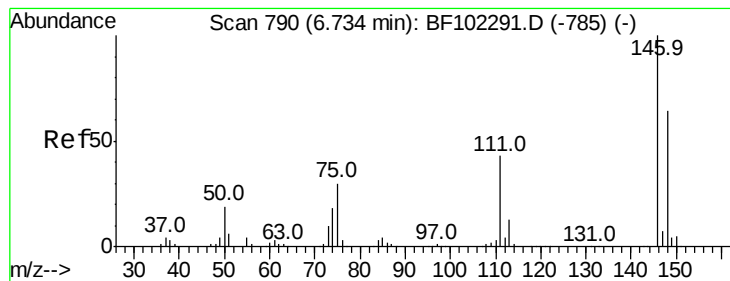
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#12
1,3-Dichlorobenzene
Concen: 35.053 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	146	Resp	396963
Ion Ratio	100	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	29.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 35.911 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

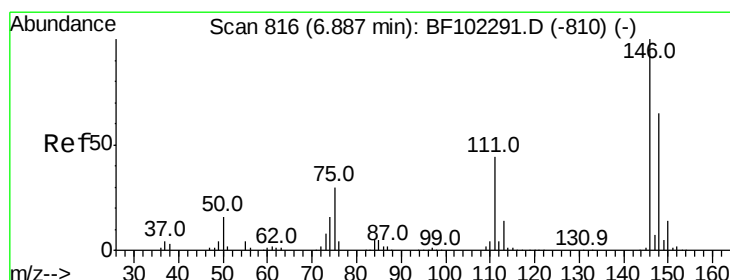
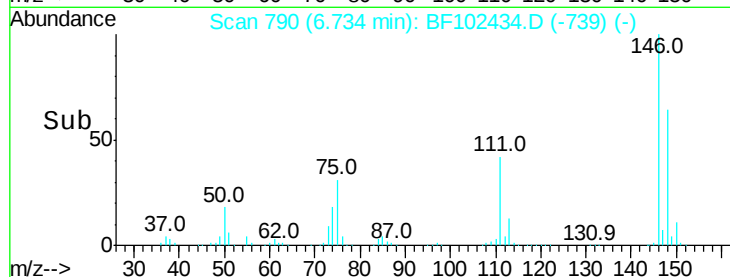
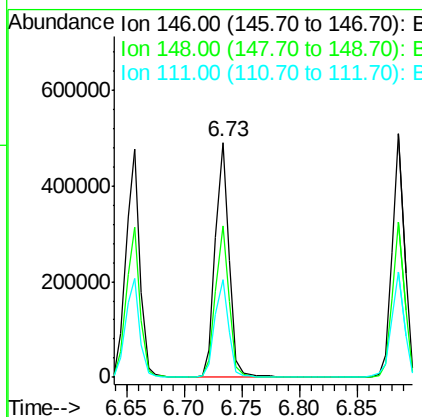
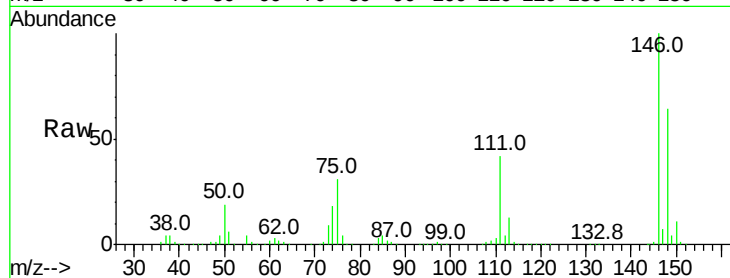
ClientSampleId :

W12-1(0-2)MS

Tot Ion:	146	Resp:	407381
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	41.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 36.699 ng

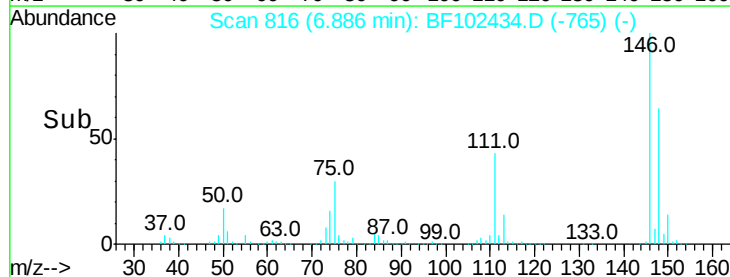
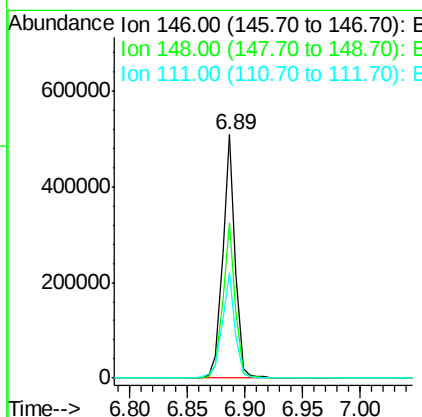
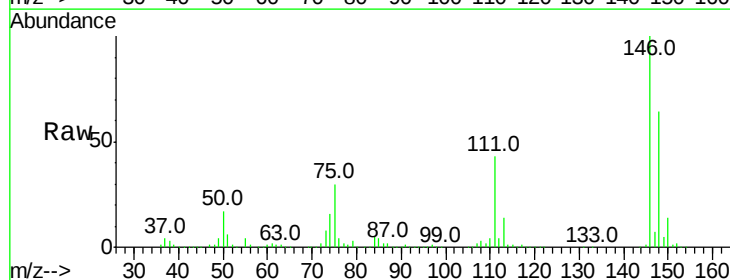
RT: 6.89 min Scan# 816

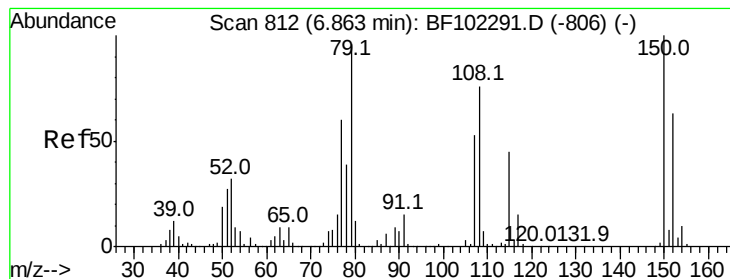
Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:	146	Resp:	380804
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	43.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.649 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleID :

W12-1(0-2)MS

Tot Ion: 79 Resp: 306356

Ion Ratio Lower Upper

79 100

108 78.4 65.1 97.7

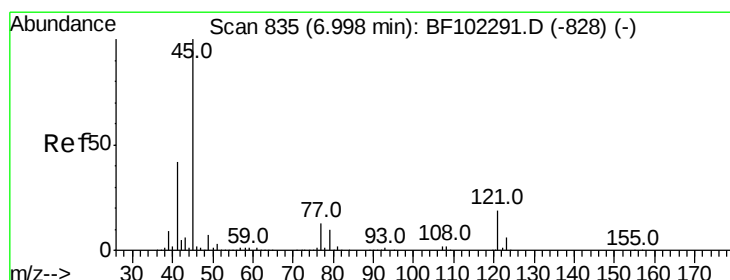
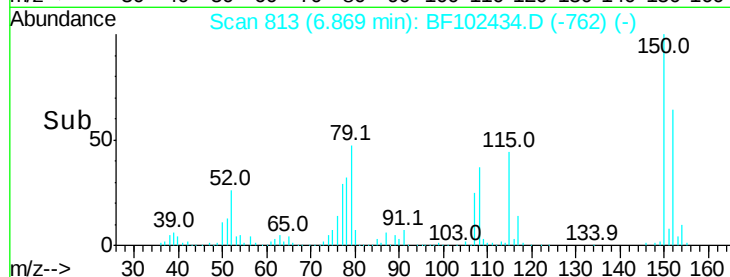
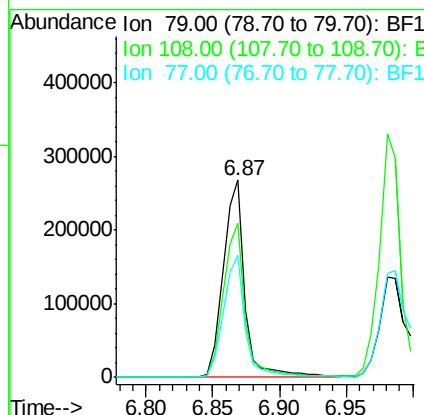
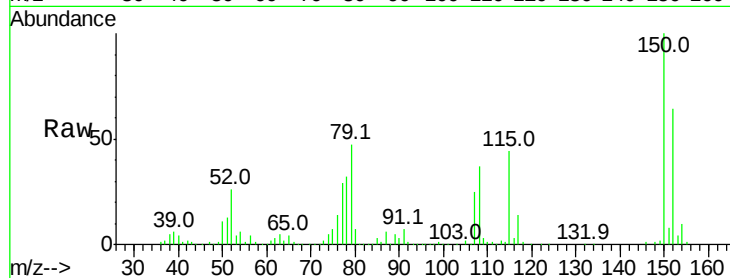
77 61.8 50.6 75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.945 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

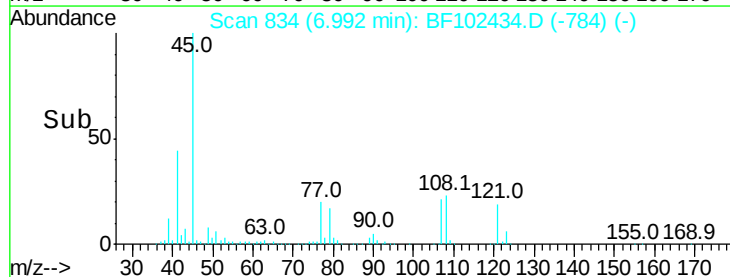
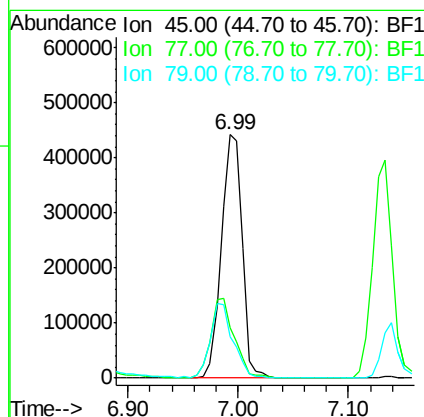
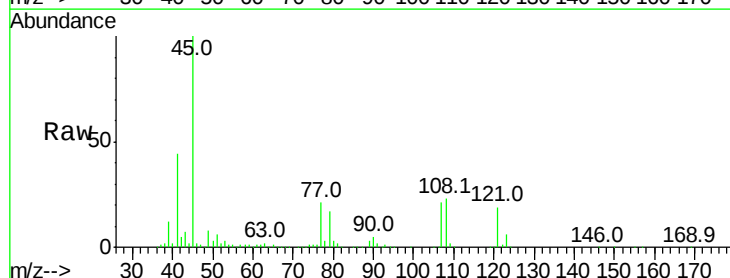
Tgt Ion: 45 Resp: 578686

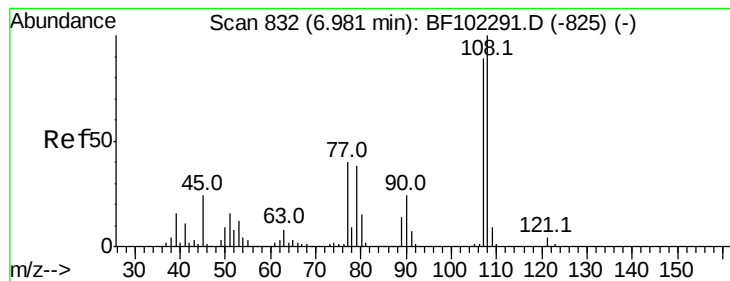
Ion Ratio Lower Upper

45 100

77 20.5 0.0 32.9

79 17.2 0.0 29.6





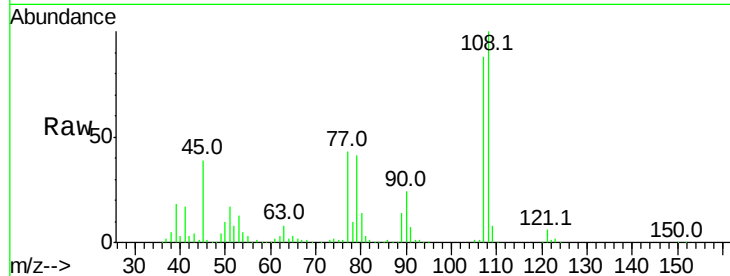
#17
2-Methylphenol
Concen: 38.566 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.7	137.5	
77	49.0	33.8	50.8	
79	46.9	33.8	50.8	

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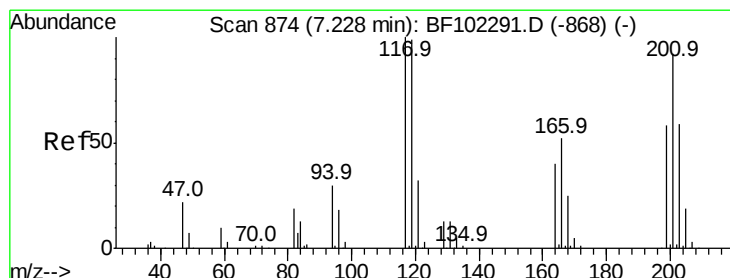
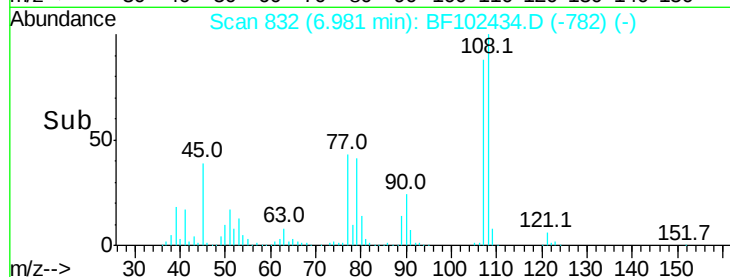
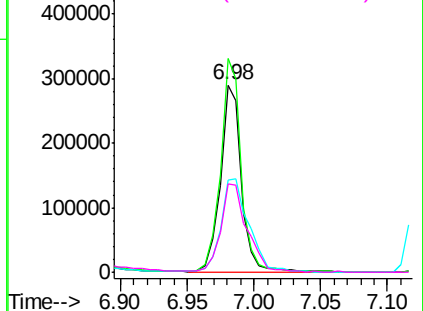
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.240 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

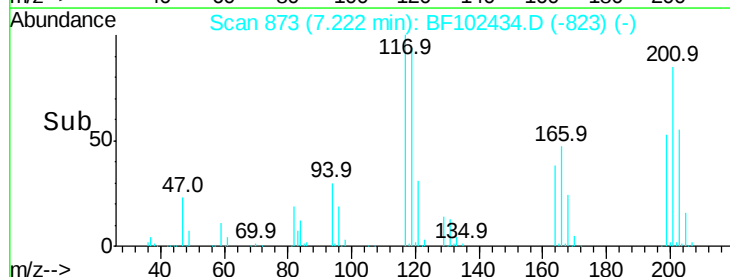
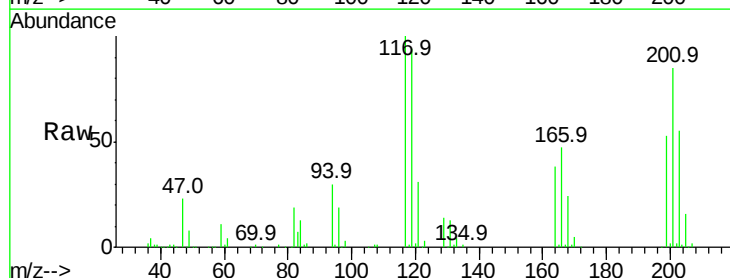
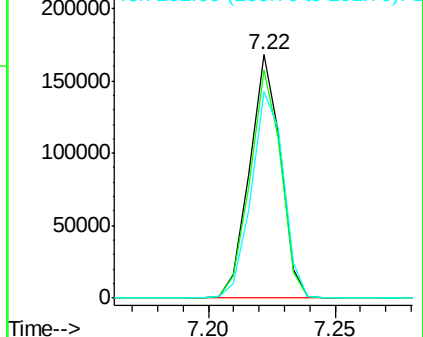
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	75.8	113.8	
201	84.9	75.7	113.5	

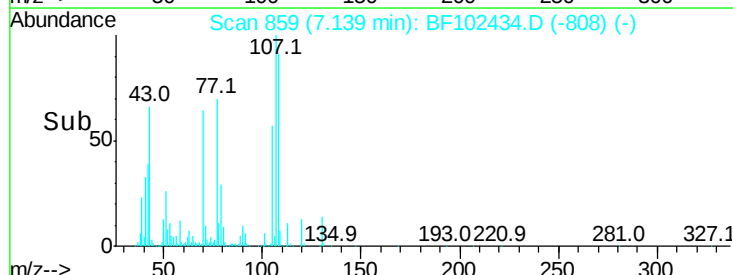
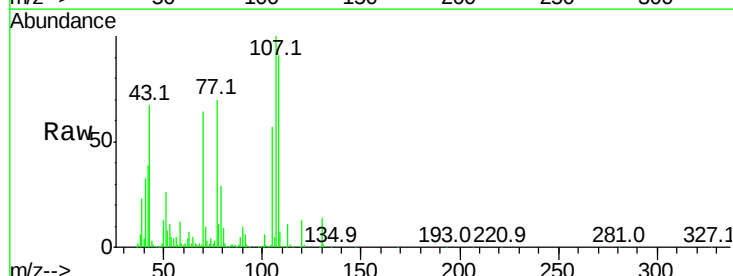
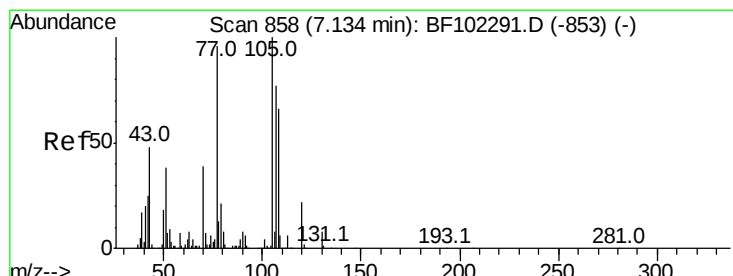
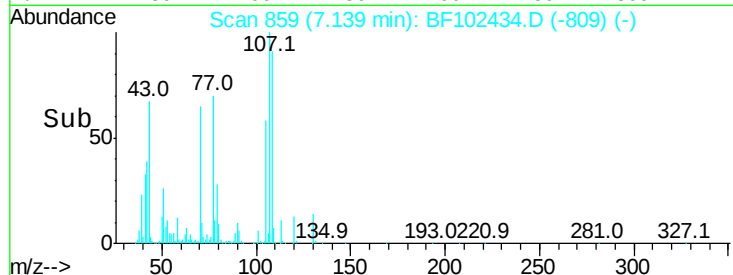
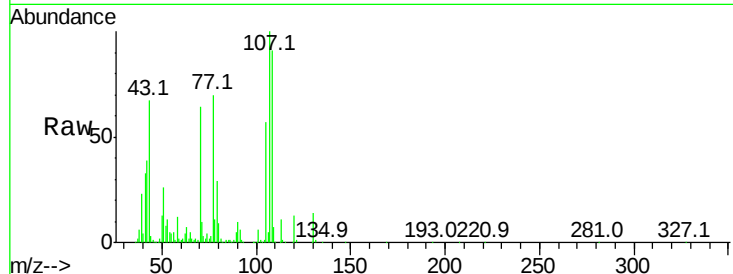
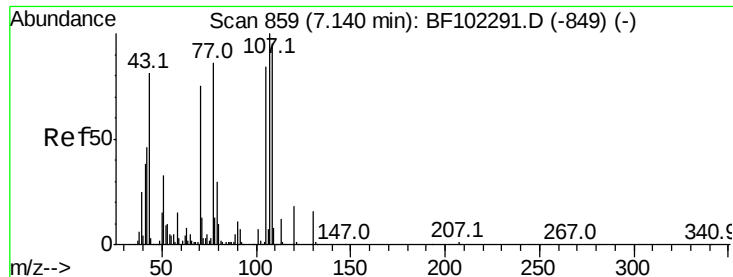
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.169 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF102434.D

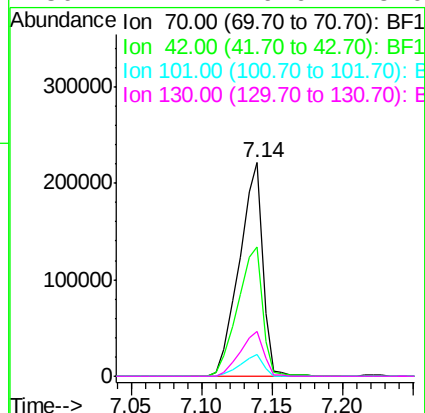
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.5	71.3
101	10.0	7.4	11.2
130	21.2	16.6	25.0

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#20

3+4-Methylphenols

Concen: 39.705 ng

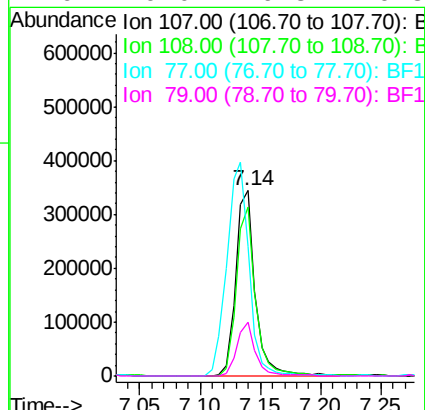
RT: 7.14 min Scan# 859

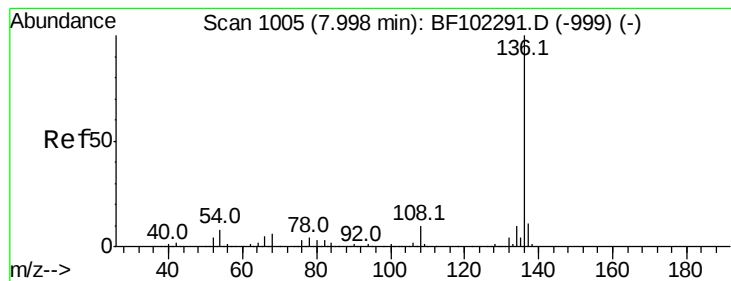
Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	70.0	26.7	66.7#
79	29.0	6.3	46.3





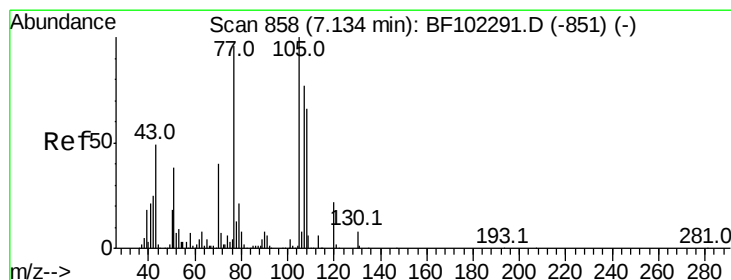
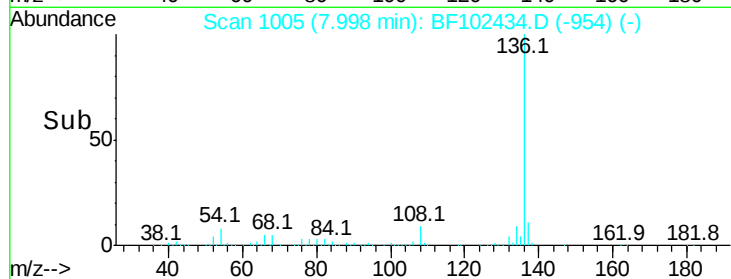
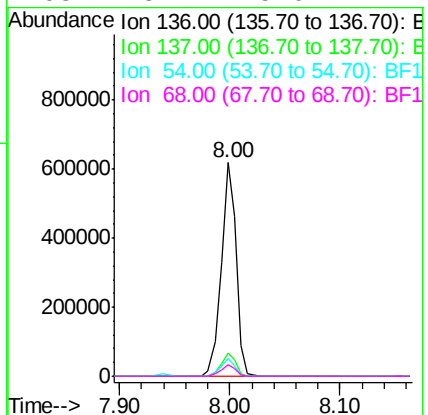
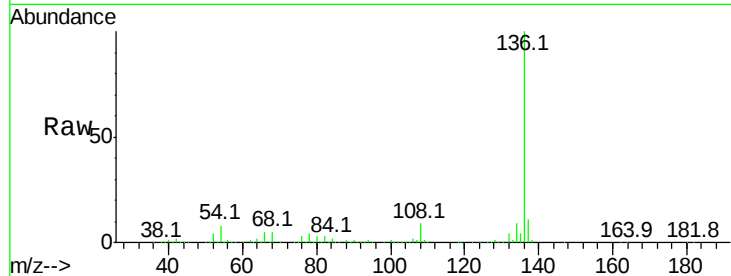
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	578025		
137	11.0	8.9	13.3	
54	8.1	6.6	9.8	
68	5.4	5.0	7.4	

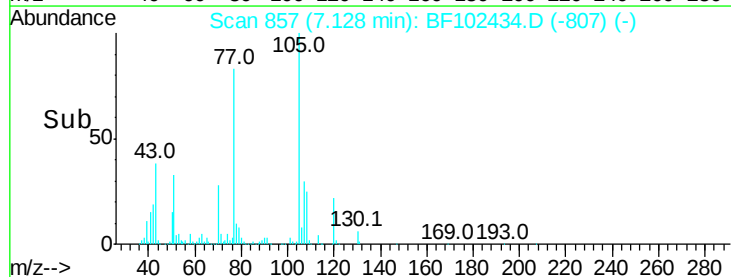
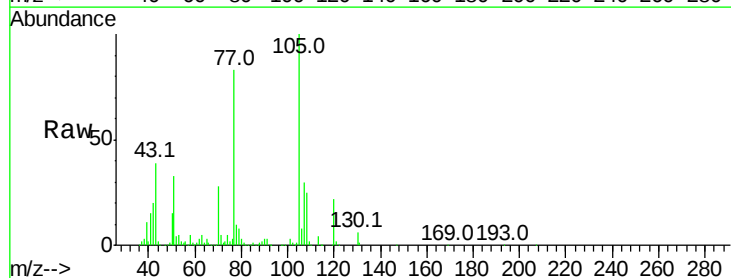
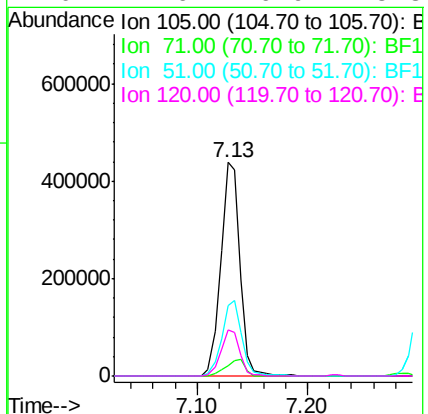
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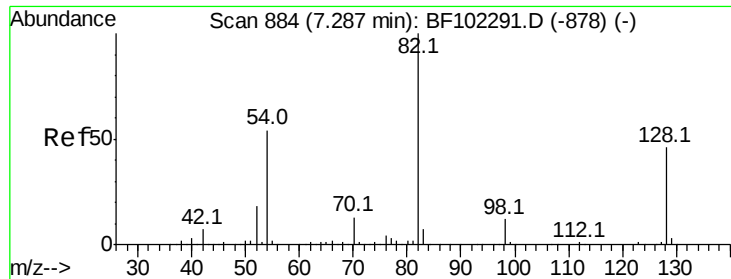
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#22
Acetophenone
Concen: 38.543 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	531096		
71	4.8	4.4	6.6	
51	33.0	22.3	33.5	
120	21.6	16.9	25.3	





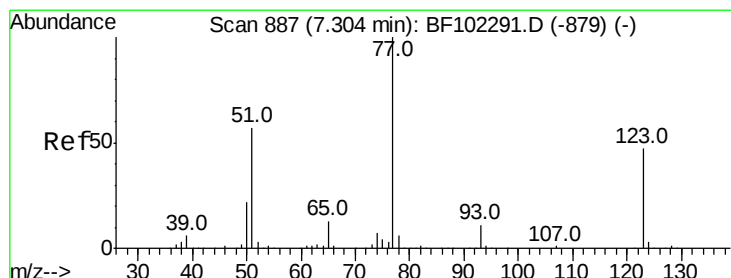
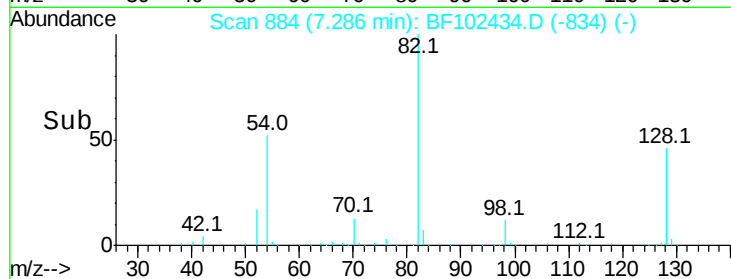
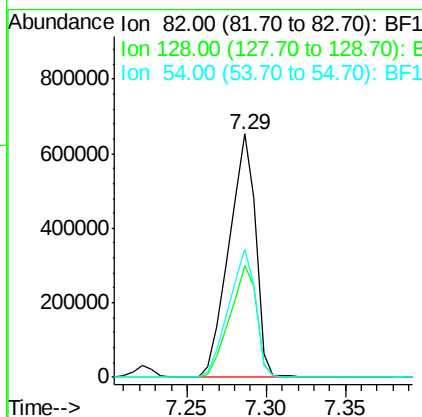
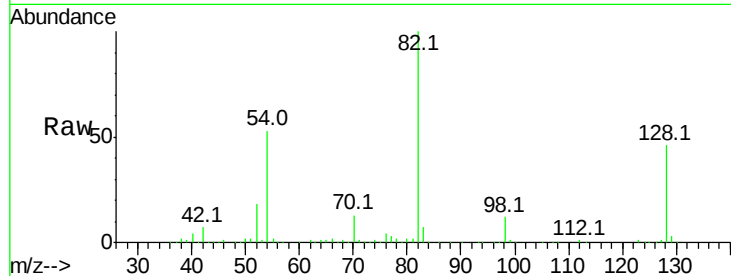
#23
Nitrobenzene-d5
Concen: 75.896 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	763390		
128	46.0		36.1	54.1
54	52.7		41.4	62.2

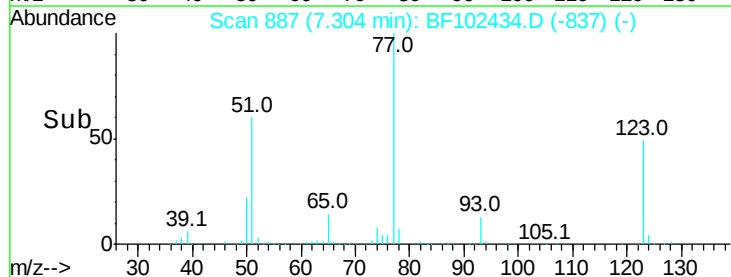
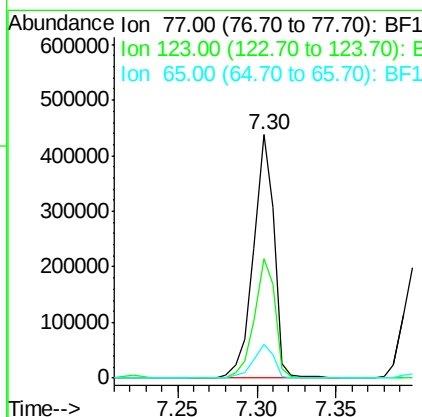
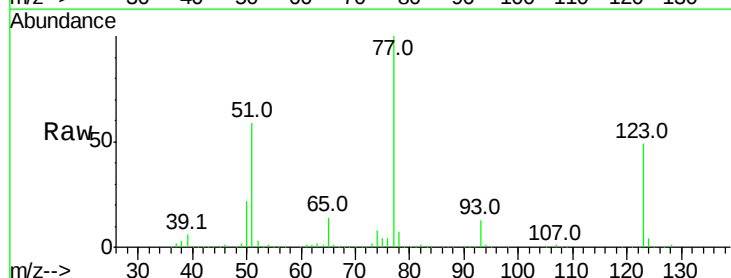
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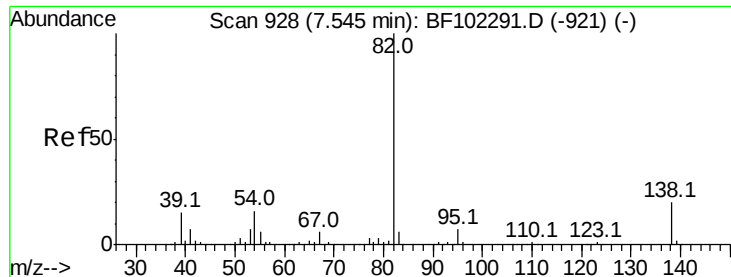
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#24
Nitrobenzene
Concen: 38.058 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	391750		
123	49.2		37.9	56.9
65	13.9		11.0	16.4





#25

Isophorone

Concen: 40.444 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

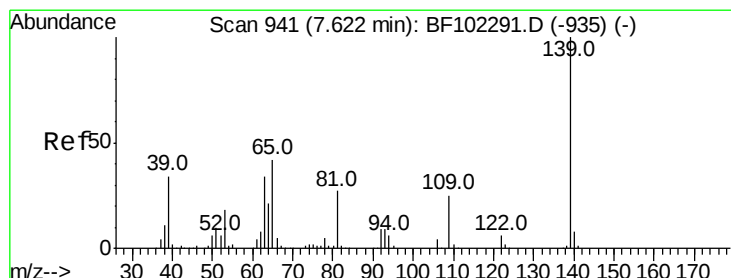
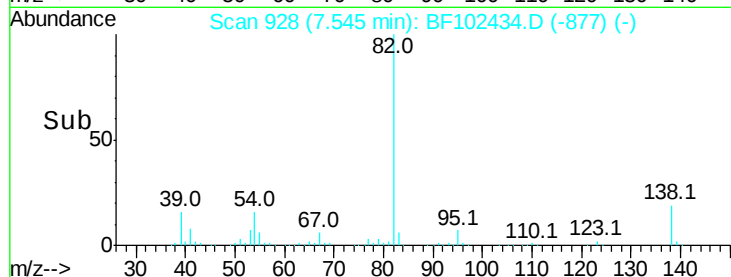
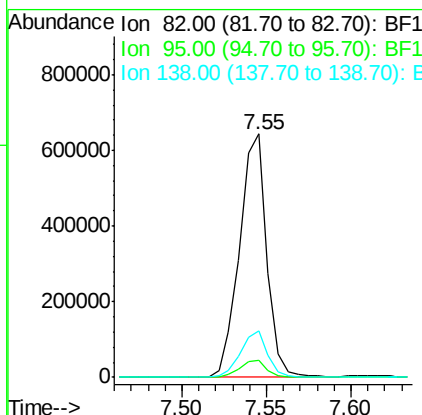
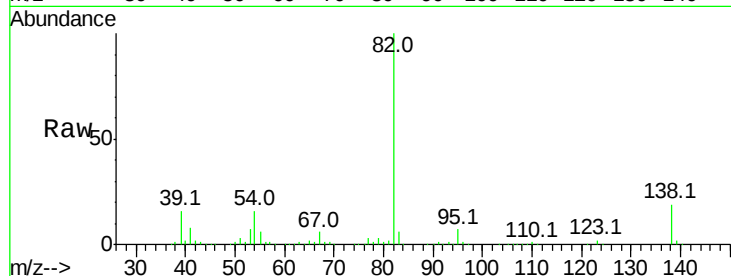
ClientSampleId :

W12-1(0-2)MS

Tot Ion	82	Resp	725235
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	19.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 40.463 ng

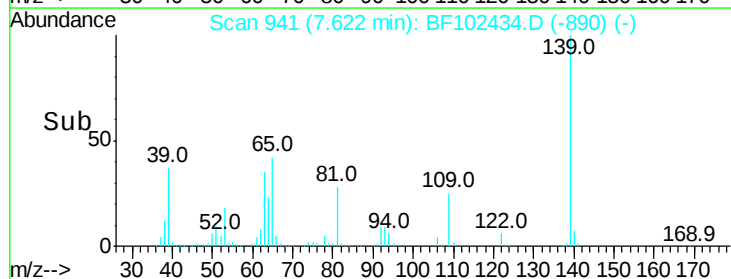
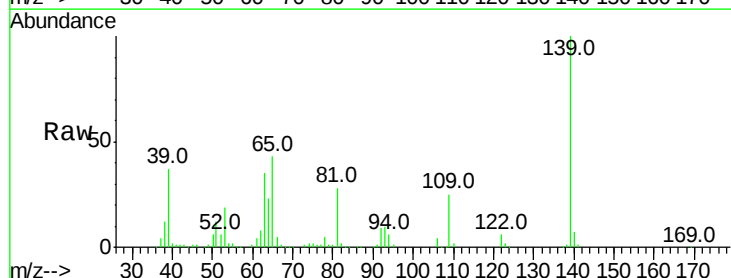
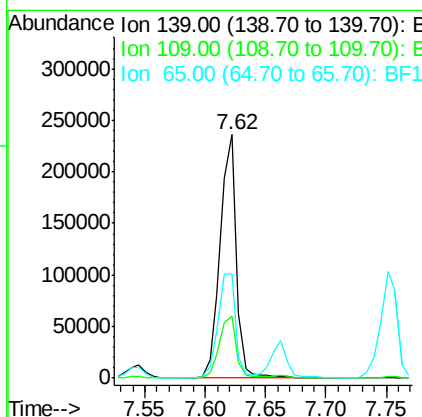
RT: 7.62 min Scan# 941

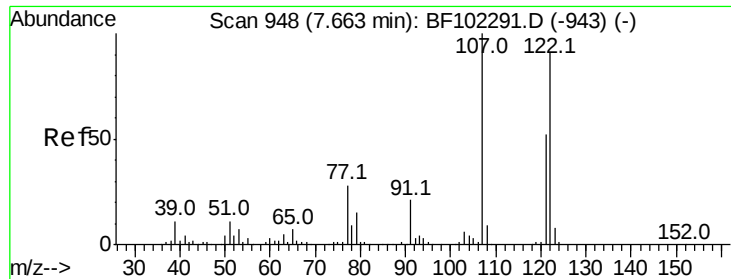
Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion	139	Resp	219210
Ion	Ratio	Lower	Upper
139	100		
109	25.3	22.7	34.1
65	42.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 44.334 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

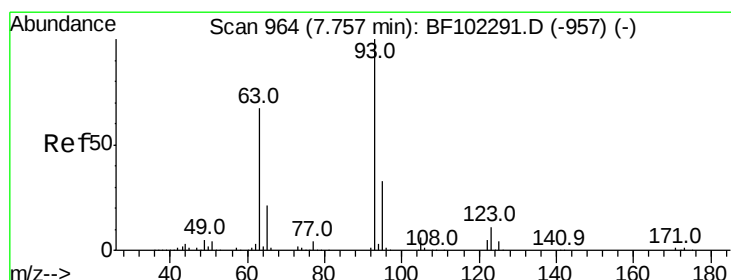
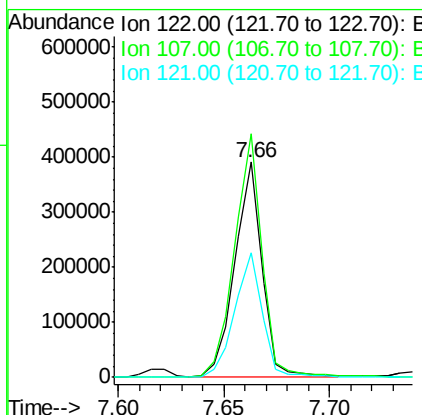
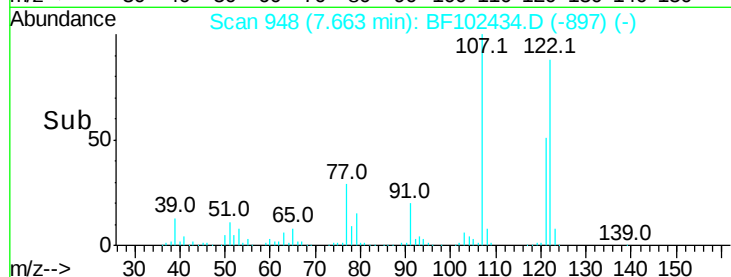
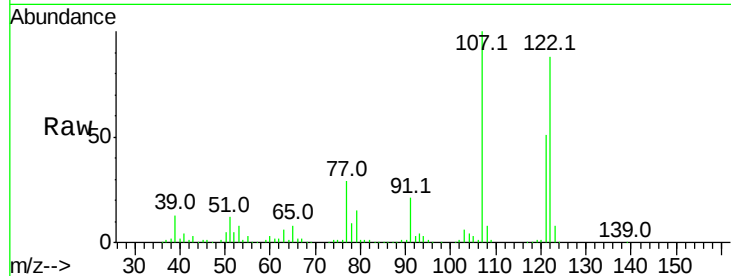
ClientSampleId :

W12-1(0-2)MS

Tot Ion:	122	Resp:	348756
Ion Ratio	Lower	Upper	
122	100		
107	113.2	91.2	136.8
121	58.2	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.598 ng

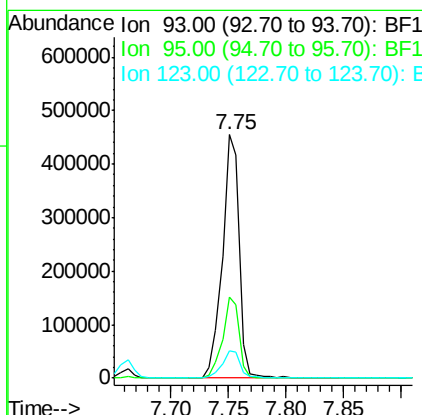
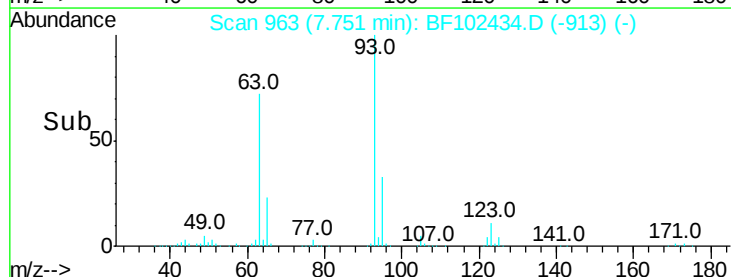
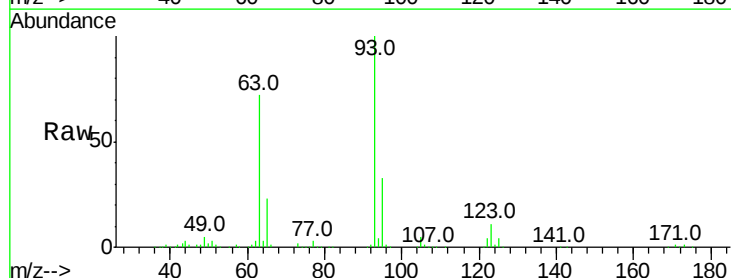
RT: 7.75 min Scan# 963

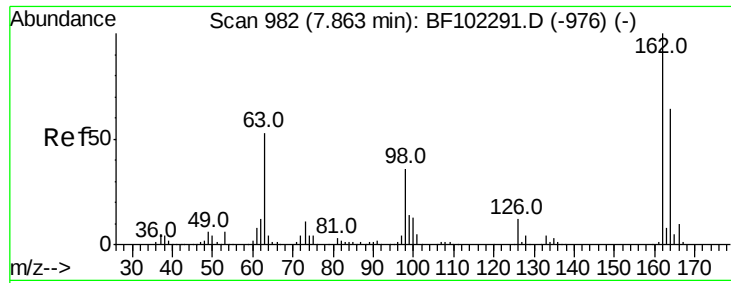
Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:	93	Resp:	460776
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.3	39.5
123	11.4	9.8	14.6





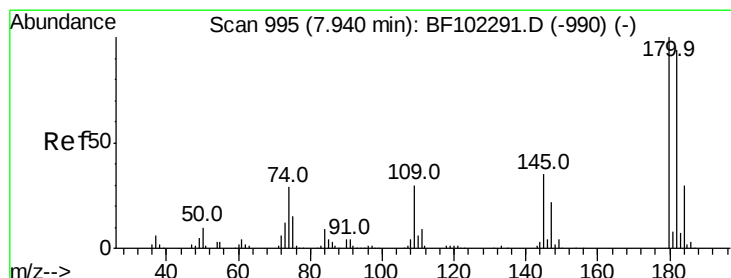
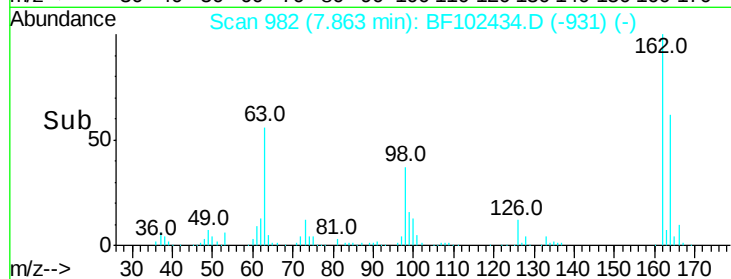
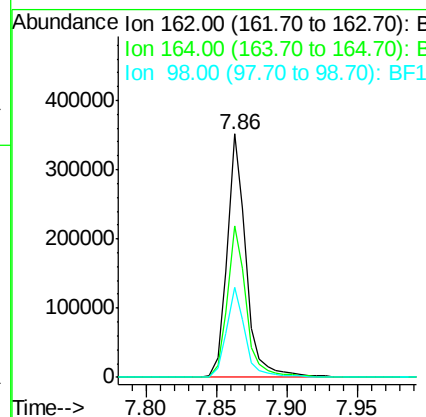
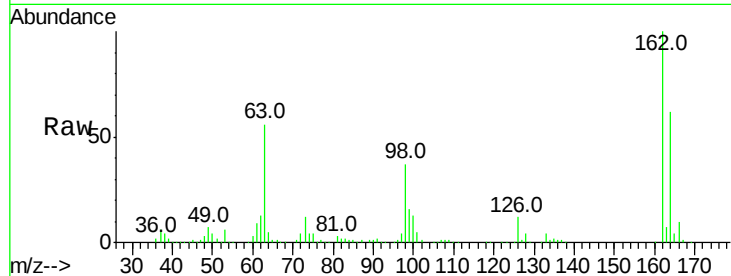
#29
 2,4-Dichlorophenol
 Concen: 41.045 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.3	42.7	82.7	
98	37.0	18.1	58.1	

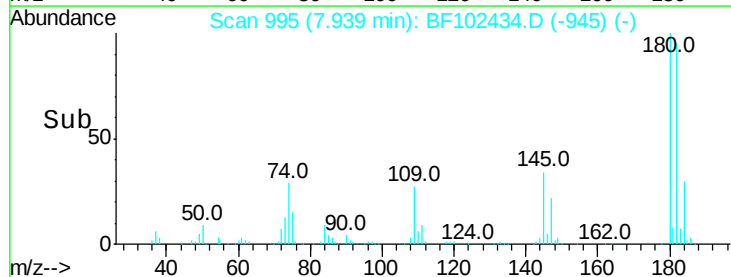
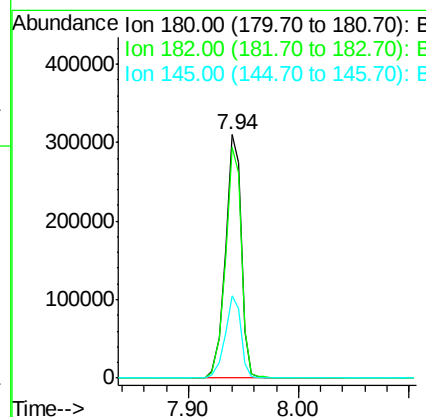
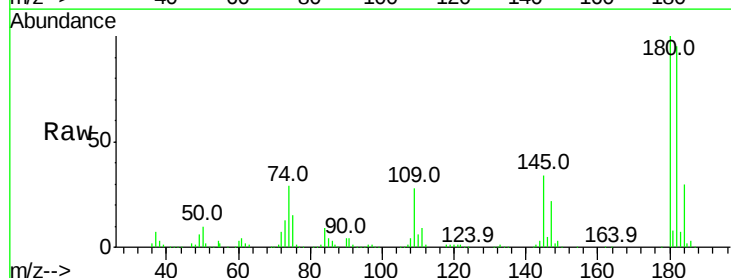
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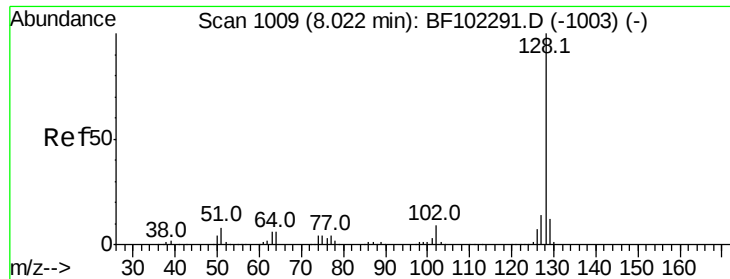
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.227 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	76.8	115.2	
145	33.6	26.5	39.7	





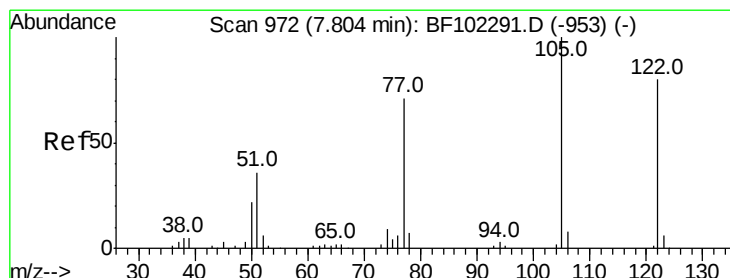
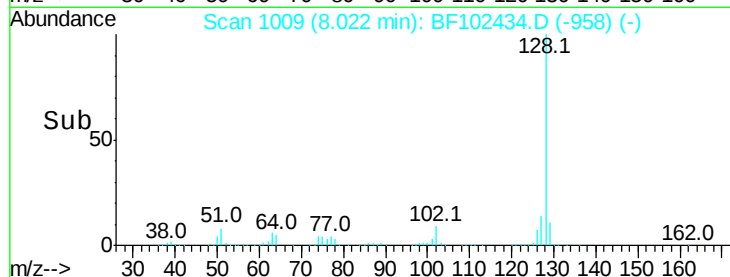
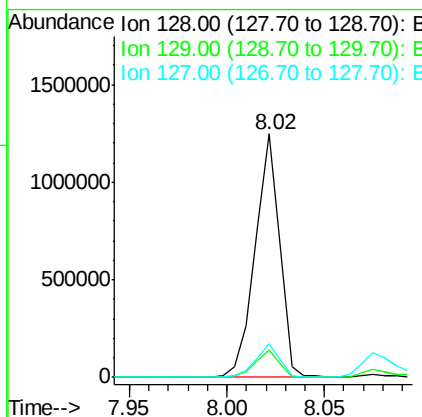
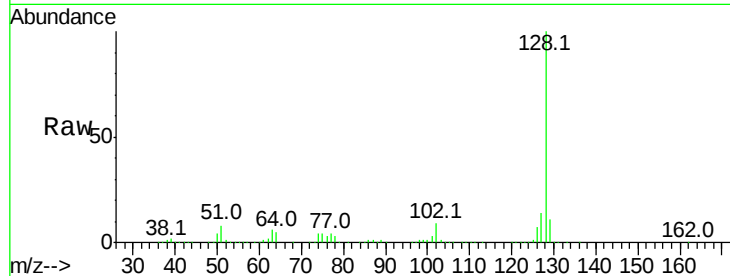
#31
Naphthalene
Concen: 37.629 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.9	16.3

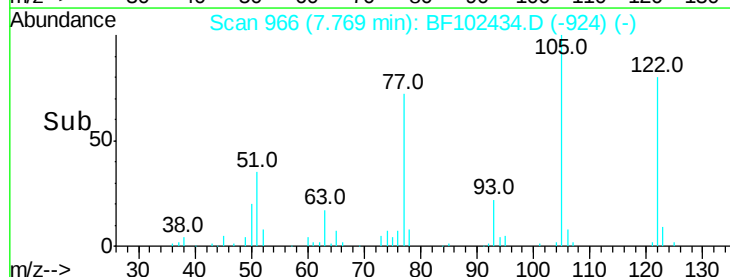
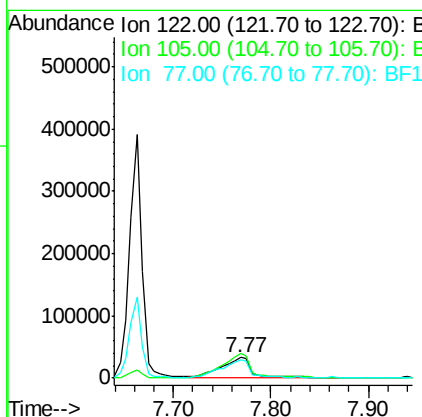
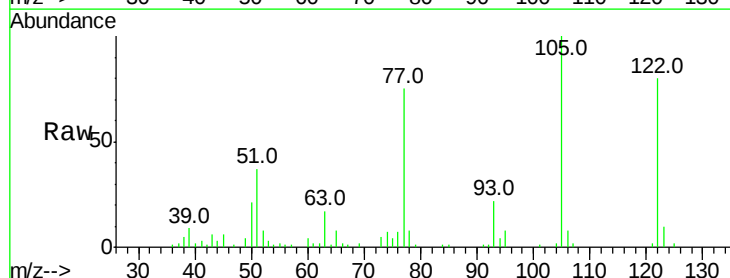
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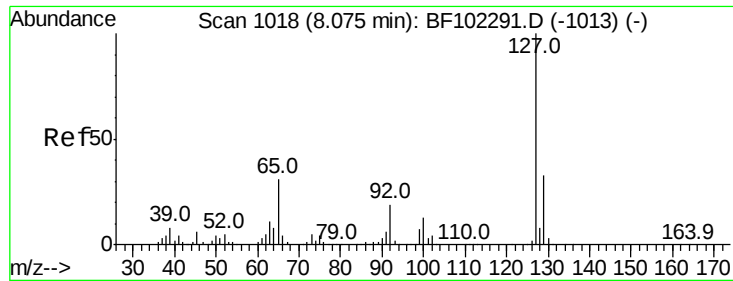
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#32
Benzoic acid
Concen: 10.466 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.05 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	101.1	141.1
77	93.4	70.7	110.7





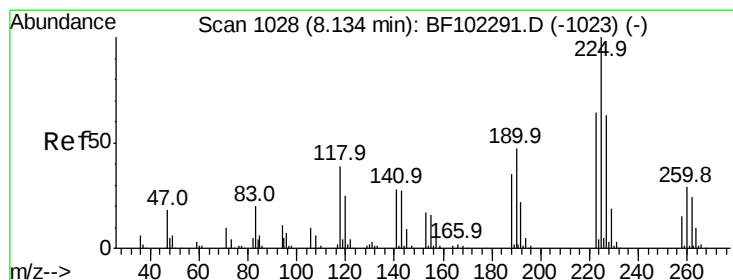
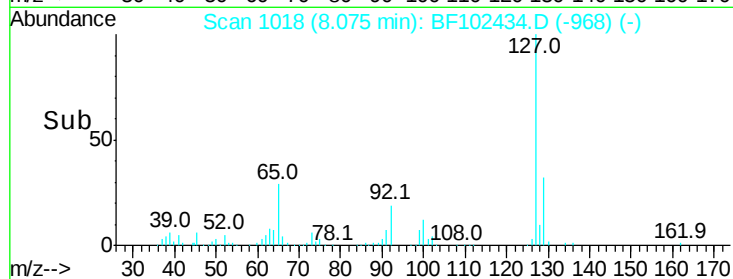
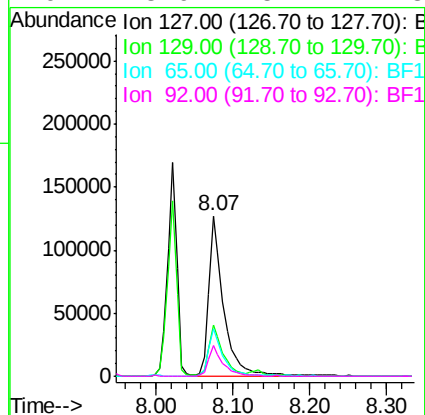
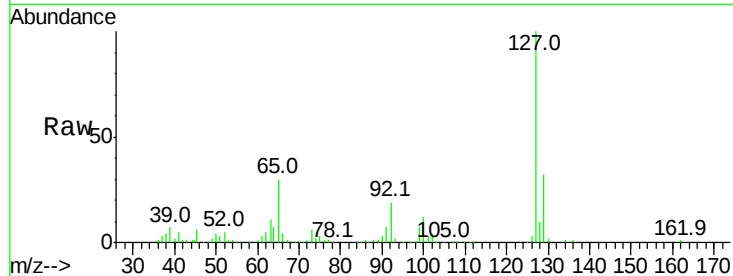
#33
4-Chloroaniline
Concen: 13.987 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	29.5	25.0	37.4		
92	18.9	15.2	22.8		

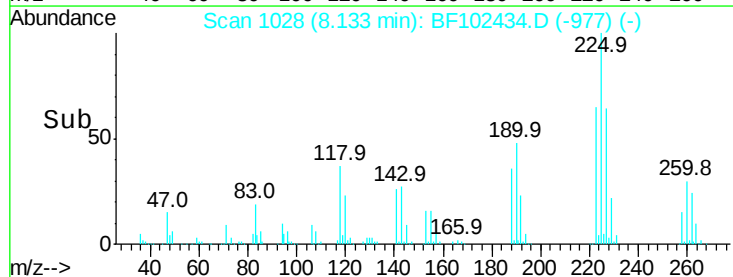
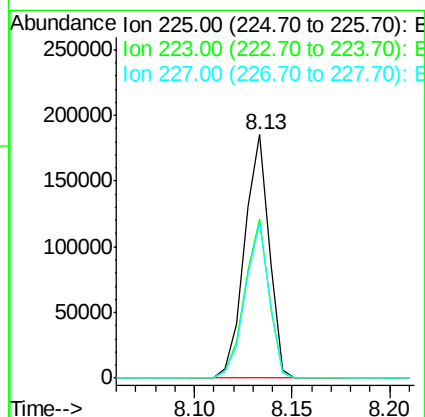
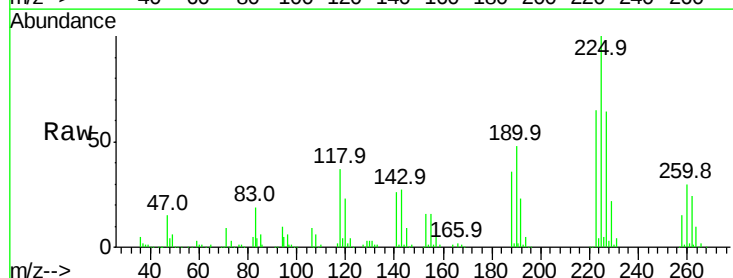
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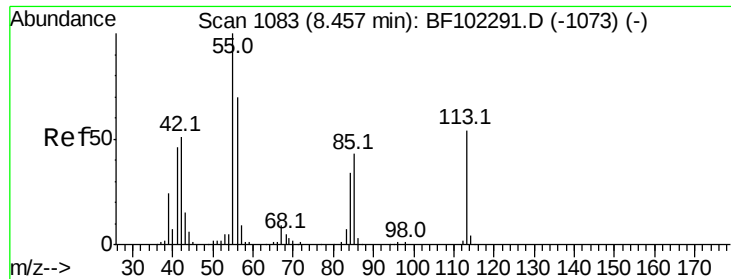
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#34
Hexachlorobutadiene
Concen: 35.318 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.2	50.6	76.0		
227	64.0	51.9	77.9		





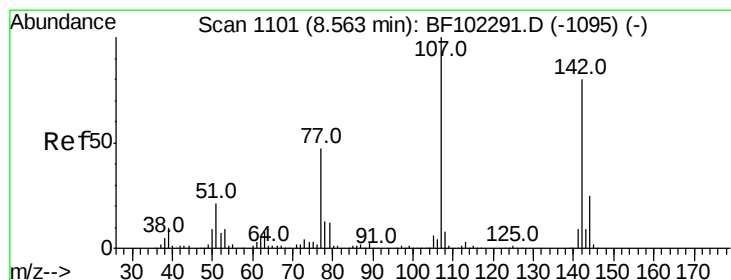
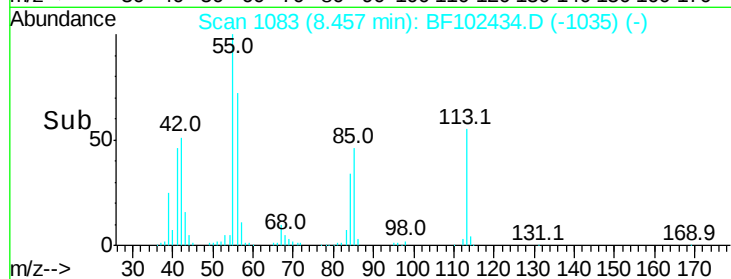
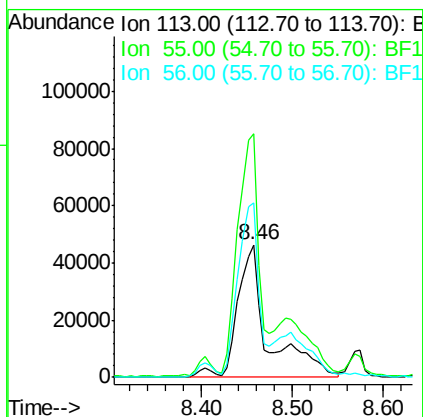
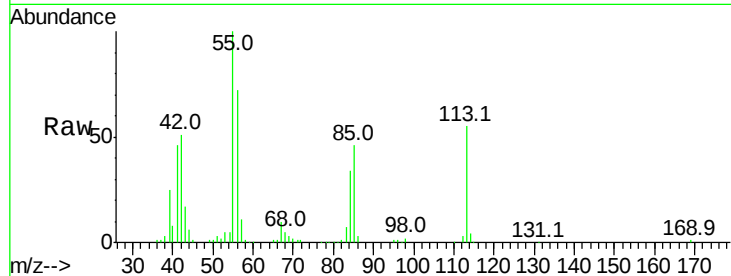
#35
 Caprolactam
 Concen: 41.078 ng/ml
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.2	163.3	203.3
56	131.1	115.7	155.7

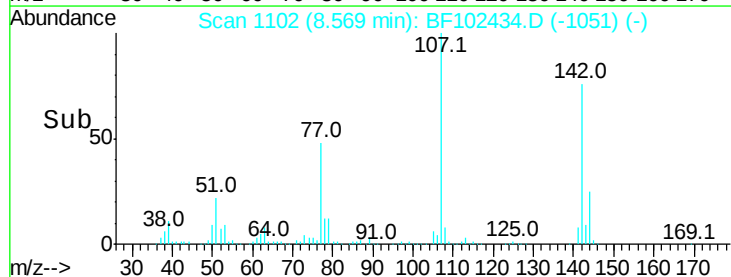
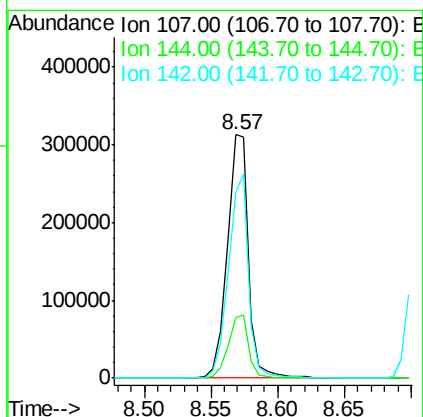
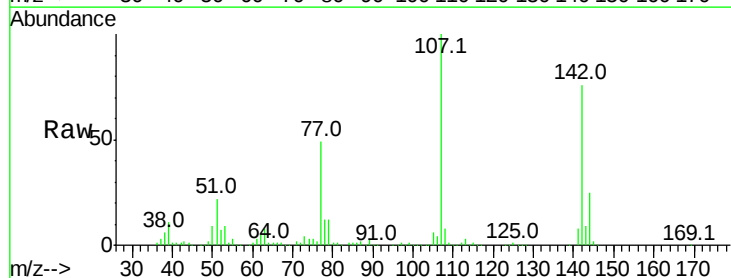
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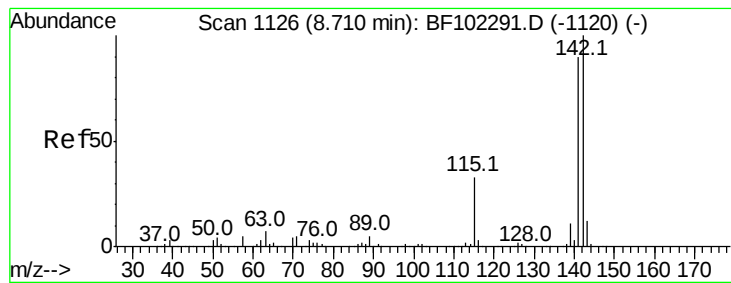
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#36
 4-Chloro-3-methylphenol
 Concen: 41.518 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	76.3	62.0	93.0





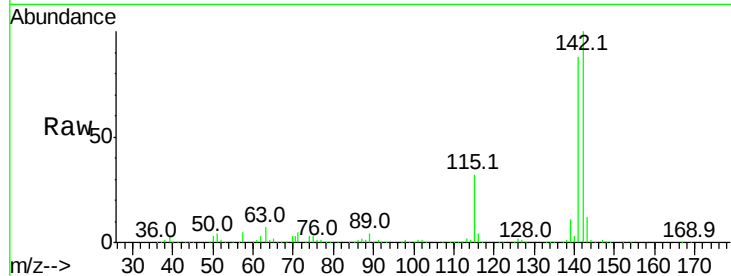
#37
2-Methylnaphthalene
Concen: 38.374 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	32.4	26.1	39.1

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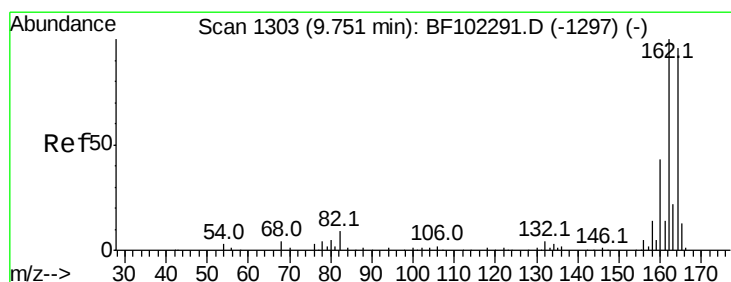
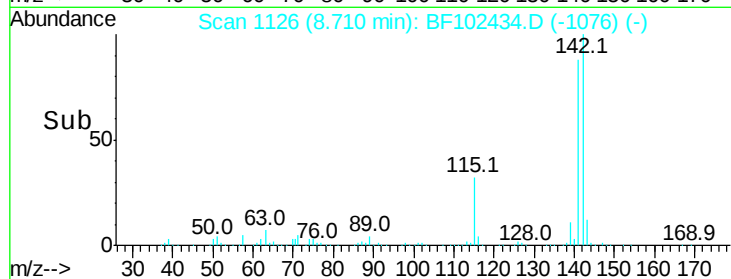
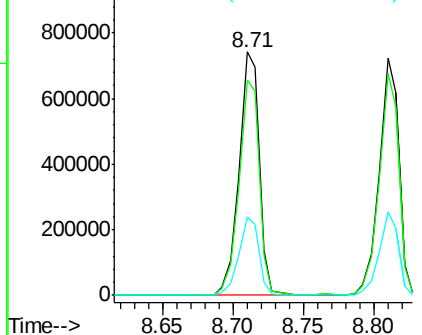


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

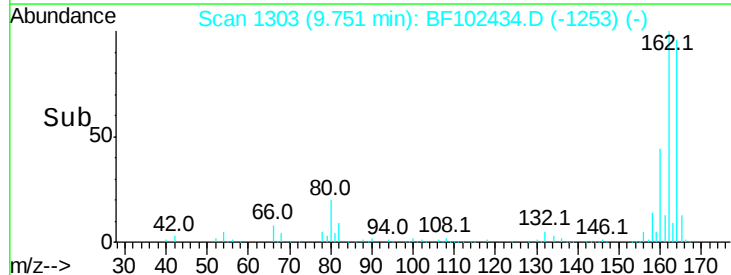
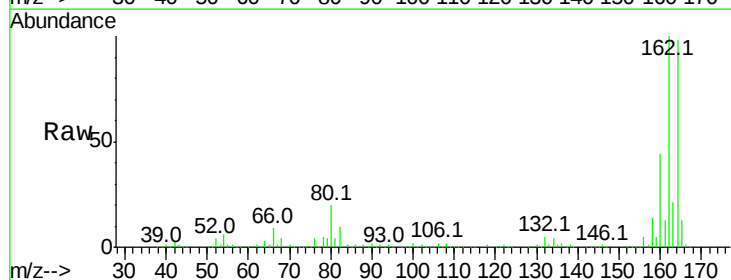
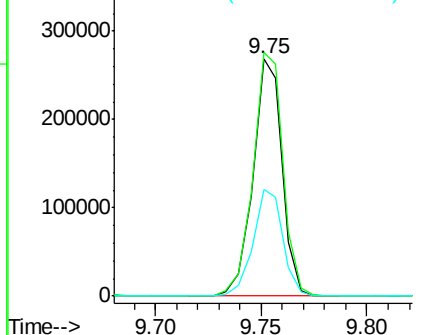
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	44.9	38.3	57.5

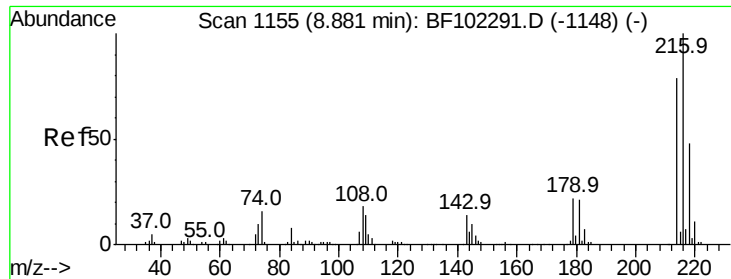
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





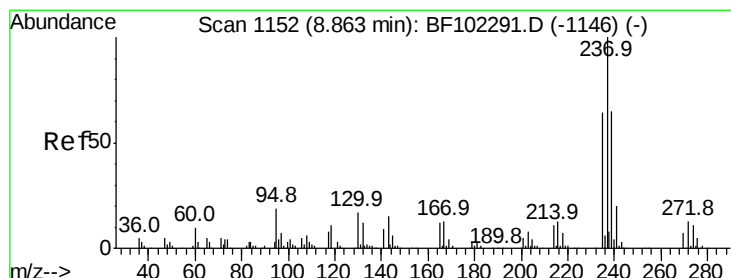
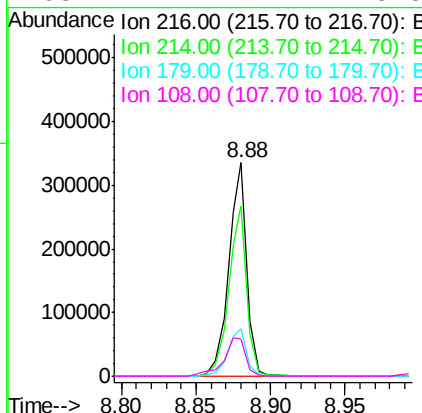
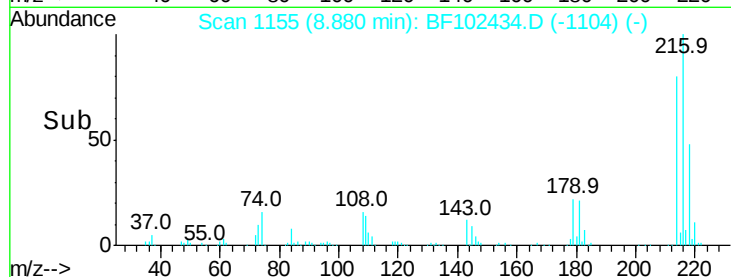
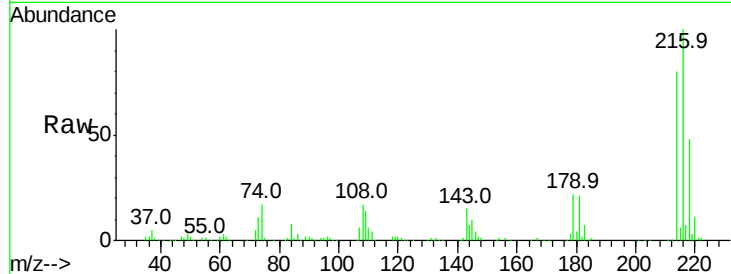
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.017 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	286812		
214	79.6	63.0	94.4	
179	23.1	18.1	27.1	
108	22.4	17.2	25.8	

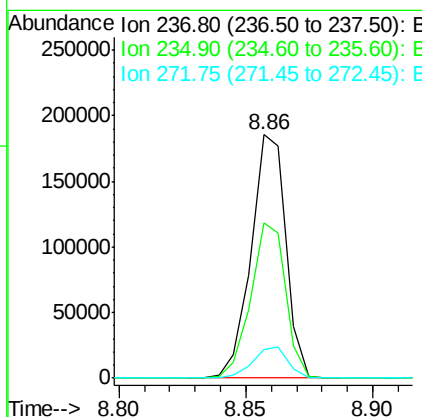
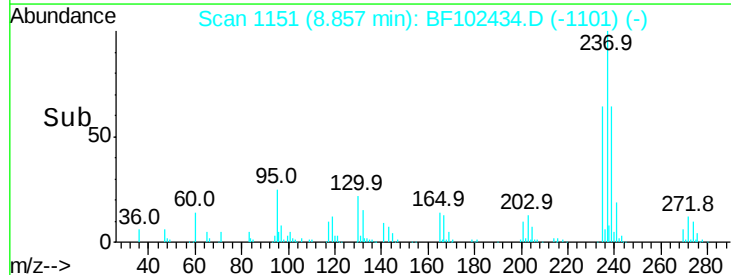
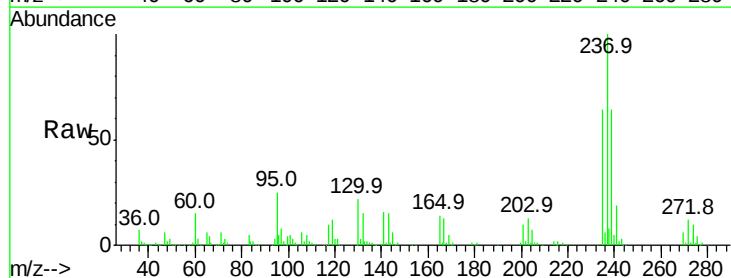
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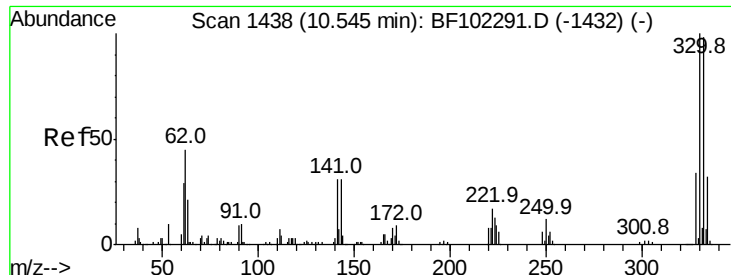
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#40
 Hexachlorocyclopentadiene
 Concen: 51.024 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	176927		
235	63.9	44.8	84.8	
272	11.9	0.0	33.3	





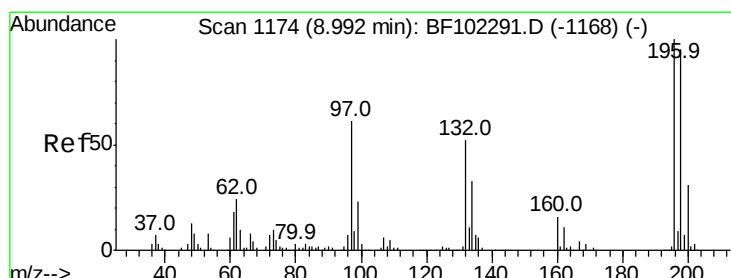
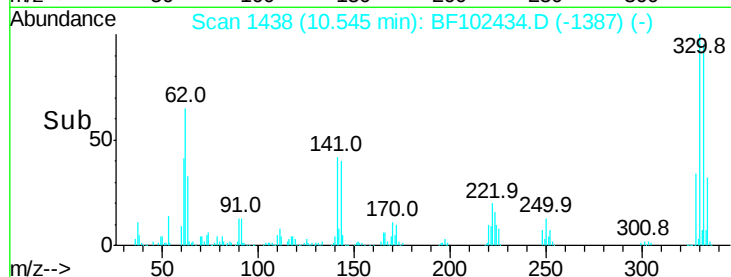
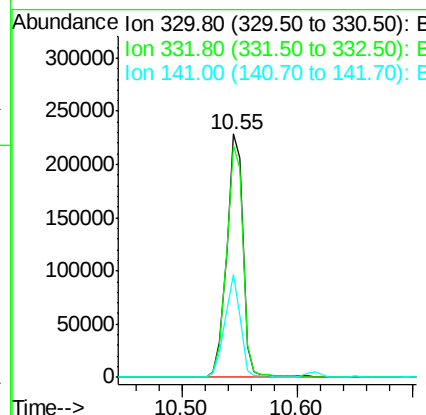
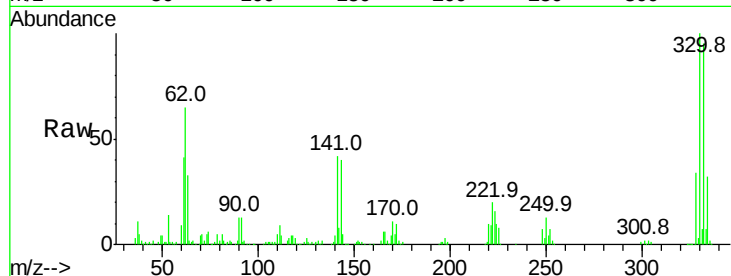
#41
 2,4,6-Tribromophenol
 Concen: 89.168 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227537		
332	96.4	77.0	115.6	
141	40.4	29.9	44.9	

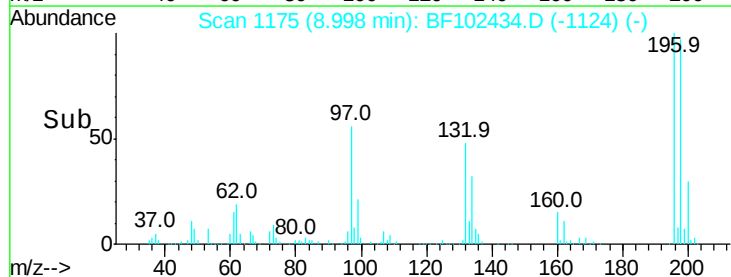
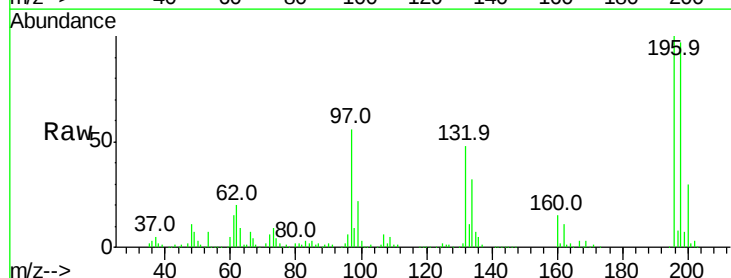
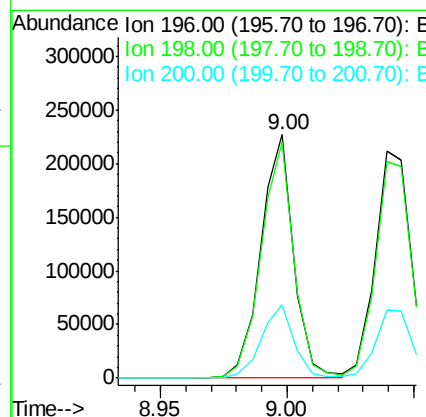
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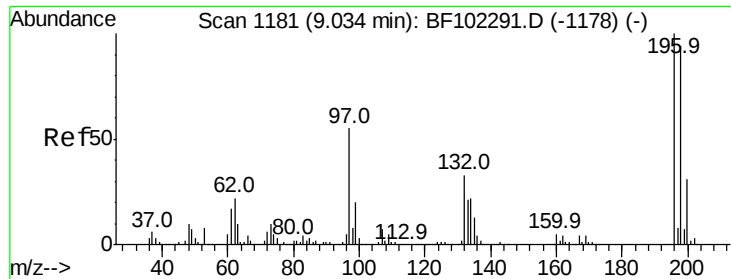
Sohil
 1/26/2018 11:24:30 AM



#42
 2,4,6-Trichlorophenol
 Concen: 39.355 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204129		
198	96.8	75.7	113.5	
200	29.9	24.5	36.7	





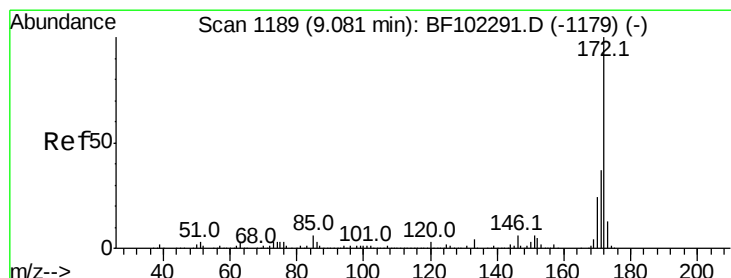
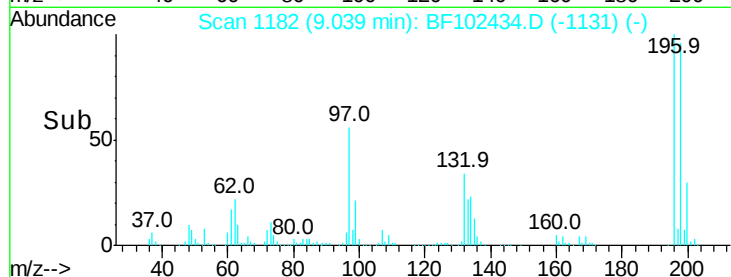
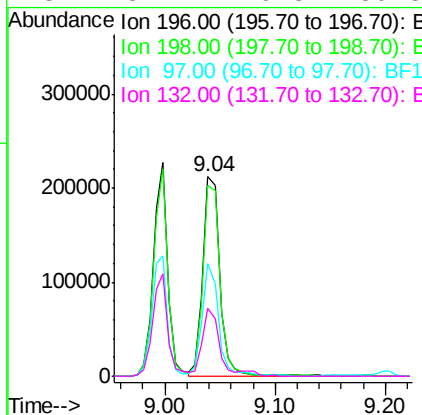
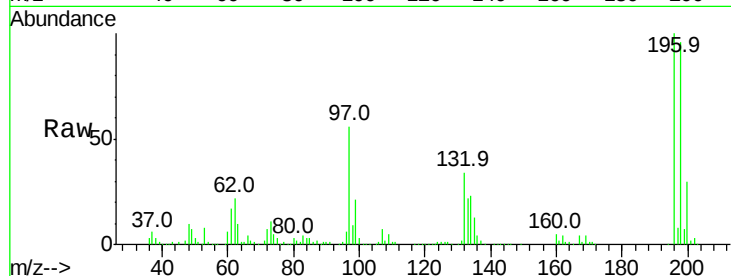
#43
 2,4,5-Trichlorophenol
 Concen: 37.182 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217144		
198	95.5	74.6	112.0	
97	56.5	42.9	64.3	
132	34.2	26.3	39.5	

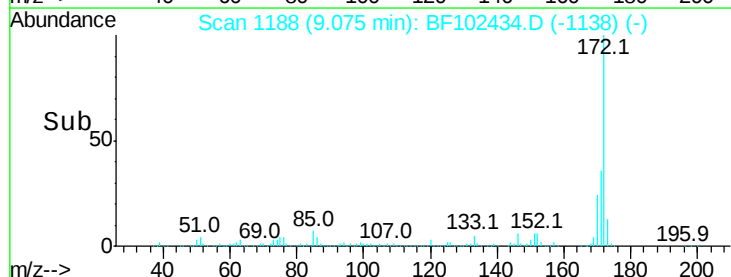
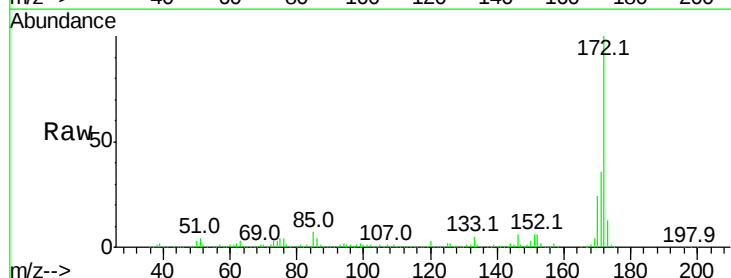
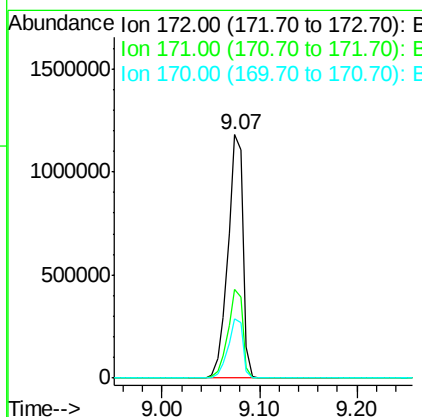
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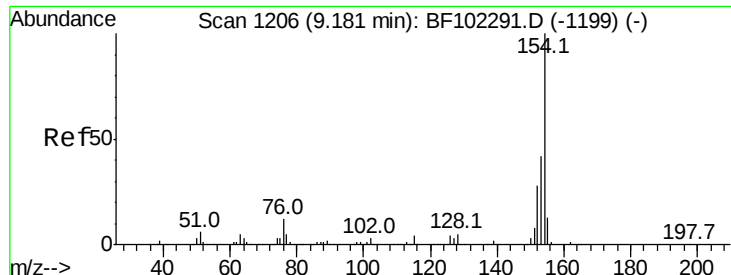
Sohil
 1/26/2018 11:24:30 AM



#44
 2-Fluorobiphenyl
 Concen: 72.057 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1262086		
171	36.5	29.7	44.5	
170	24.4	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 36.890 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

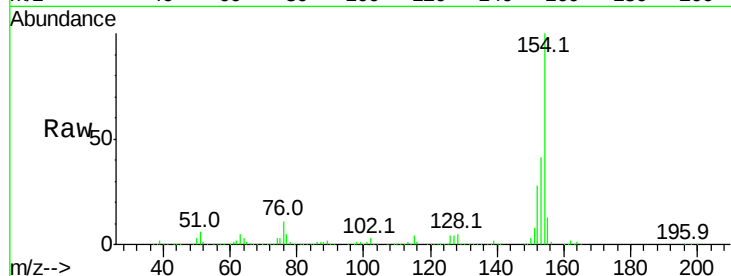
ClientSampleId :

W12-1(0-2)MS

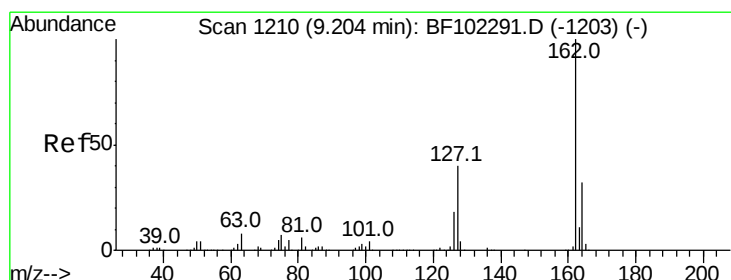
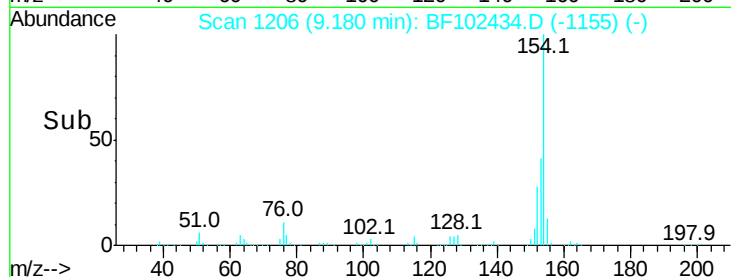
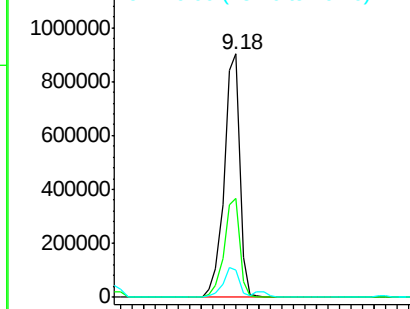
Tot Ion:	154	Resp:	849492
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	11.4	0.0	34.0

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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: 36.754 ng

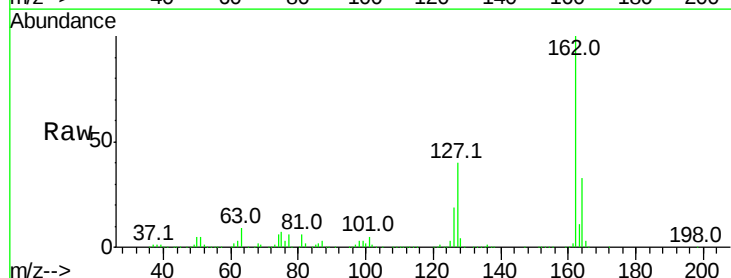
RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

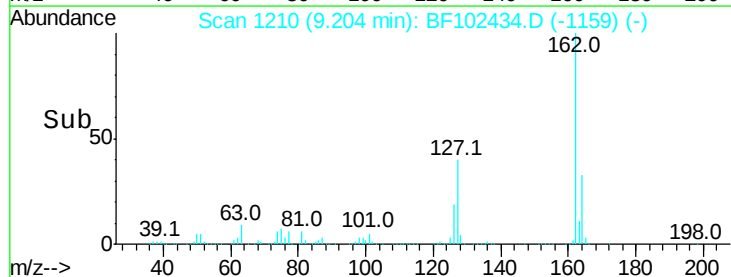
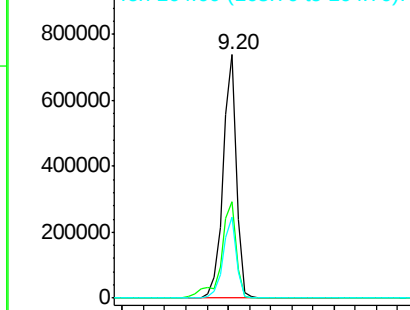
Lab File: BF102434.D

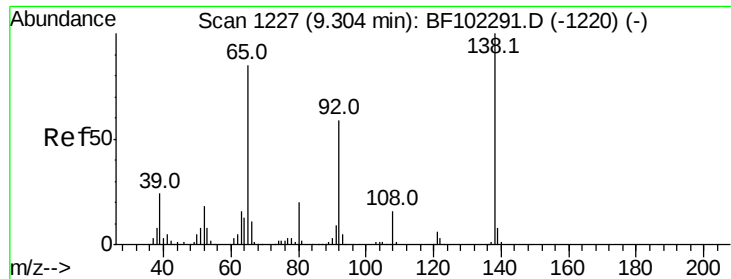
Acq: 25 Jan 2018 20:11

Tgt Ion:	162	Resp:	657867
Ion Ratio	Lower	Upper	
162	100		
127	39.6	33.9	50.9
164	33.2	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: 39.790 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MS

Tot Ion: 65 Resp: 222042

Ion Ratio Lower Upper

65 100

92 66.9 55.8 83.6

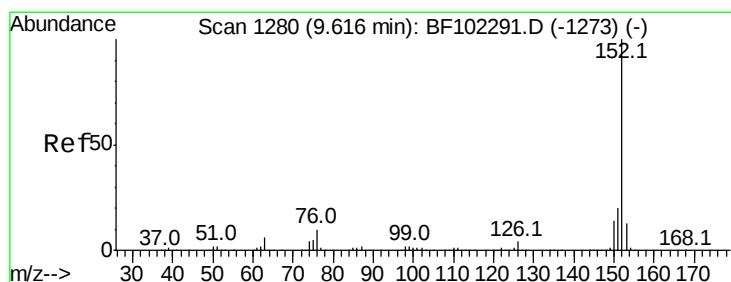
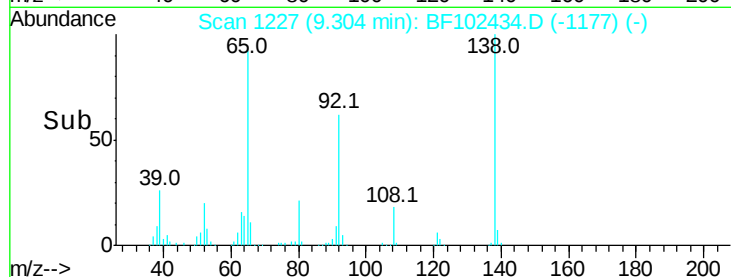
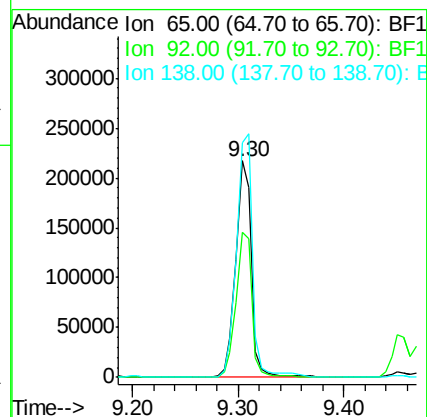
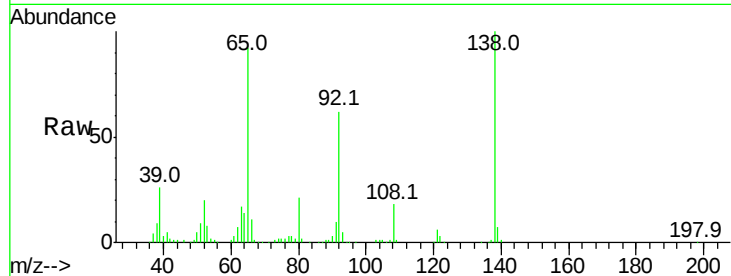
138 108.7 91.2 136.8

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#48

Acenaphthylene

Concen: 35.345 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

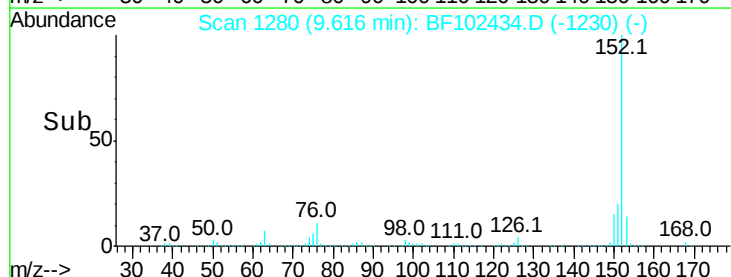
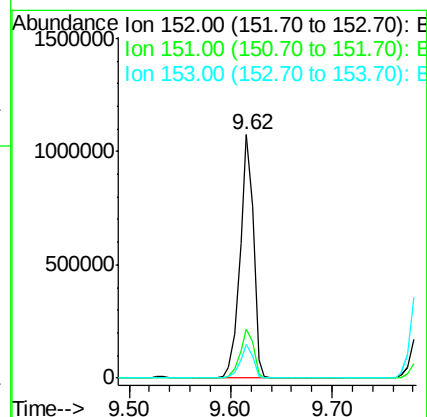
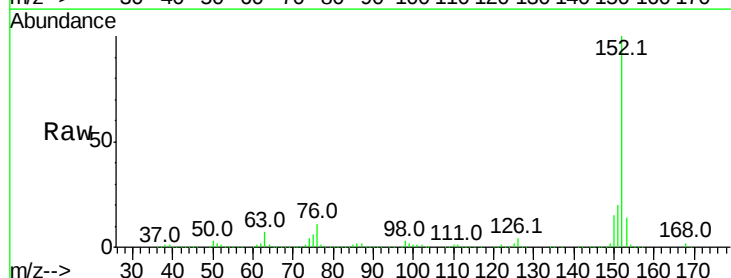
Tgt Ion: 152 Resp: 985610

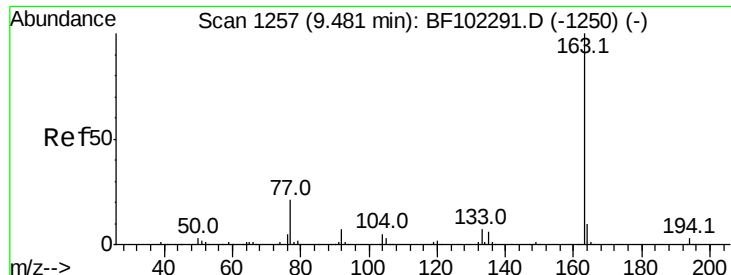
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.7 10.7 16.1





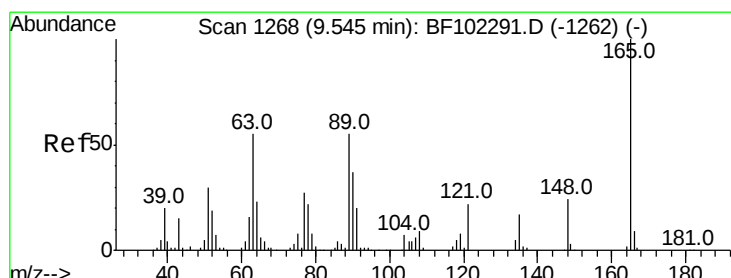
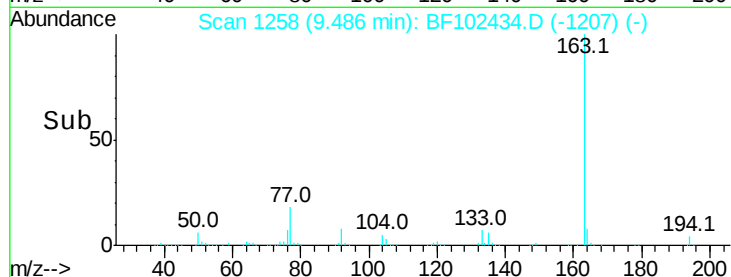
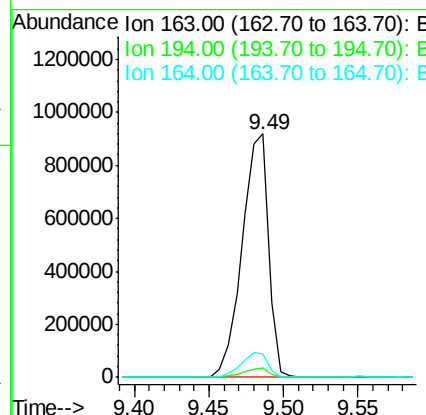
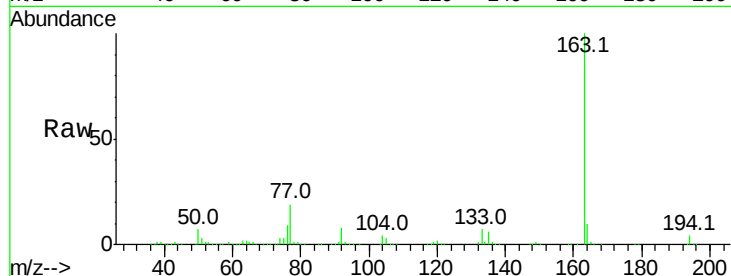
#49
Dimethylphthalate
Concen: 53.100 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	163	Resp	1130339
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	8.2	12.2

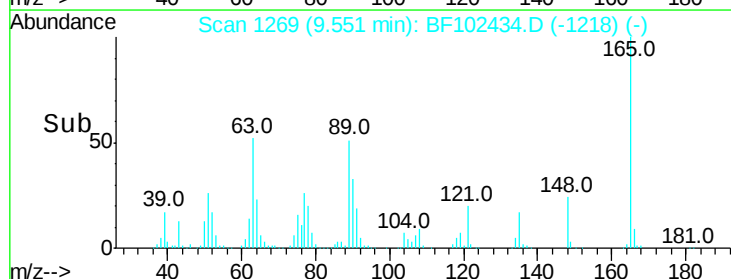
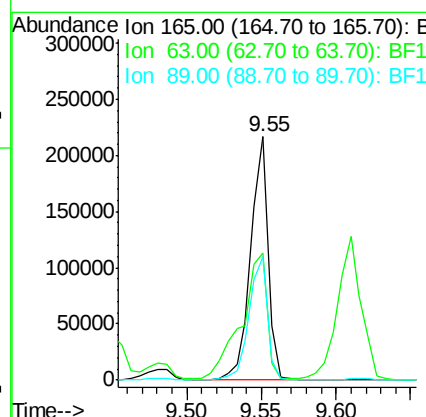
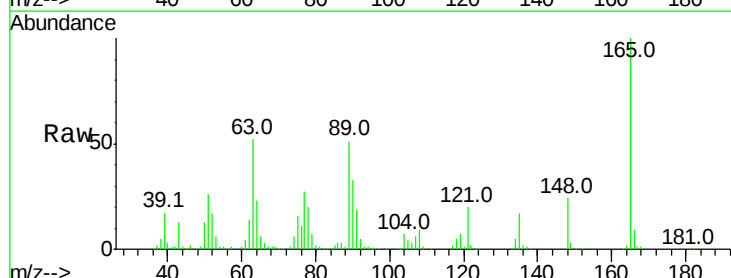
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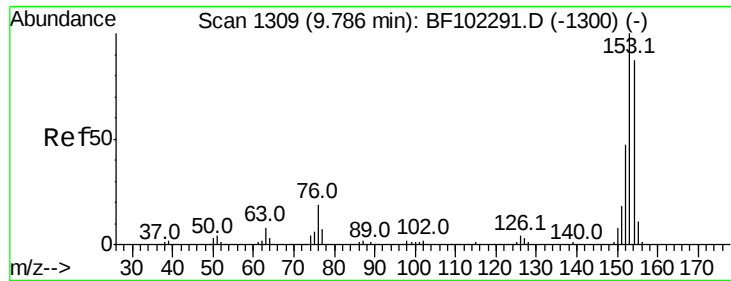
Sohil
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#50
2,6-Dinitrotoluene
Concen: 38.428 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	165	Resp	176362
Ion	Ratio	Lower	Upper
165	100		
63	52.2	44.7	67.1
89	50.7	44.0	66.0





#51

Acenaphthene

Concen: 35.835 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

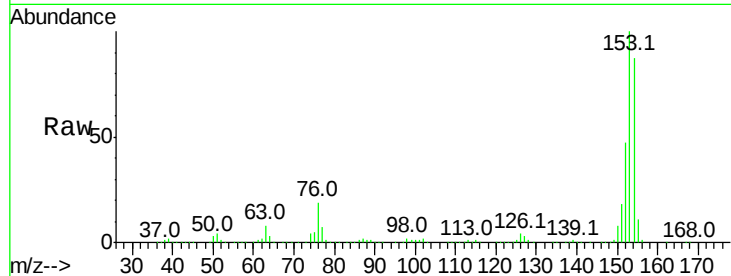
ClientSampleId :

W12-1(0-2)MS

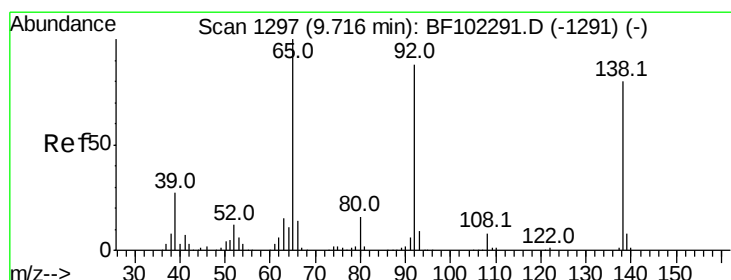
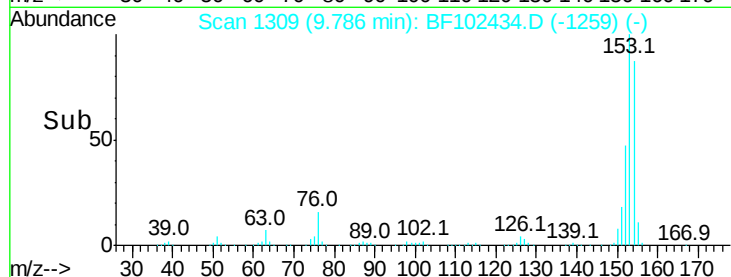
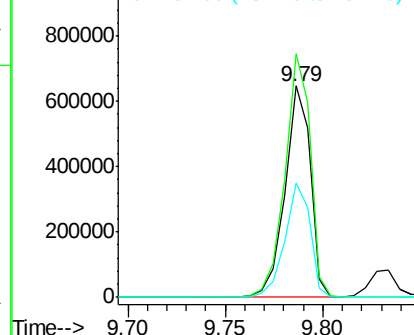
Tot Ion:154	Resp:	583604
Ion Ratio	Lower	Upper
154	100	
153	115.3	91.2 136.8
152	54.3	43.8 65.8

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



#52

3-Nitroaniline

Concen: 23.564 ng

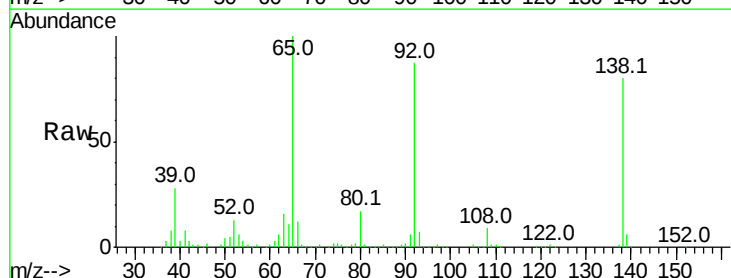
RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

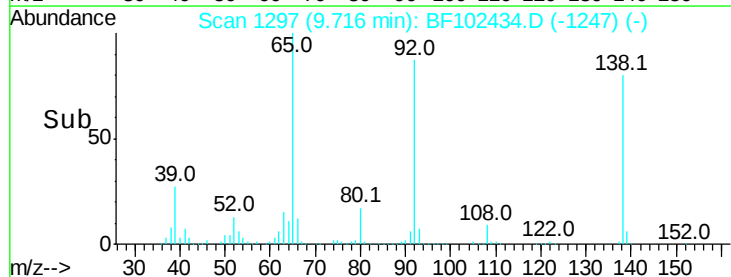
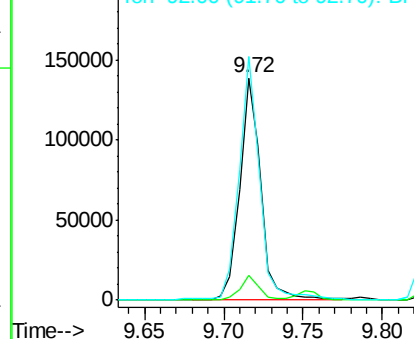
Lab File: BF102434.D

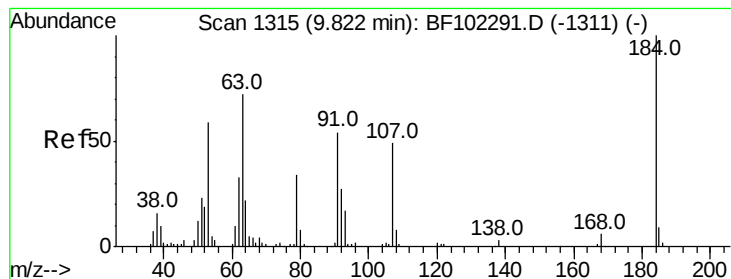
Acq: 25 Jan 2018 20:11

Tgt Ion:138	Resp:	127933
Ion Ratio	Lower	Upper
138	100	
108	11.3	9.4 14.0
92	109.7	89.4 134.2



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





#53

2,4-Dinitrophenol

Concen: 64.703 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MS

Tot Ion:184 Resp: 131710

Ion Ratio Lower Upper

184 100

63 59.2 54.2 81.2

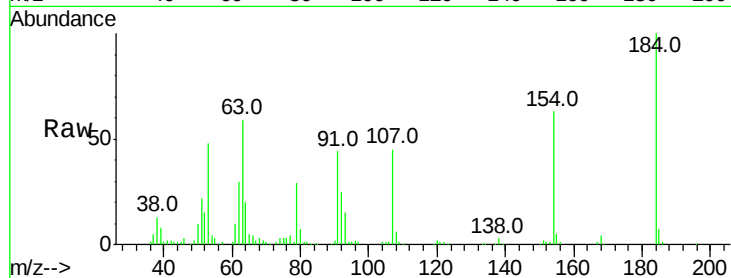
154 62.8 184.0 276.0#

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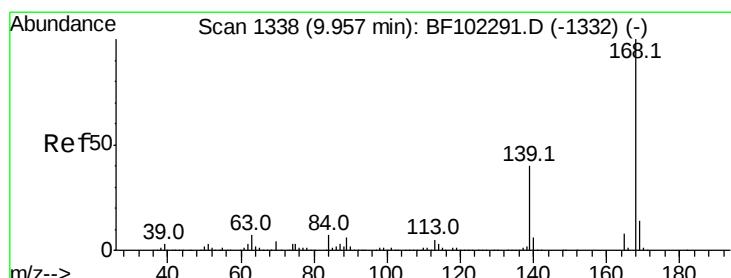
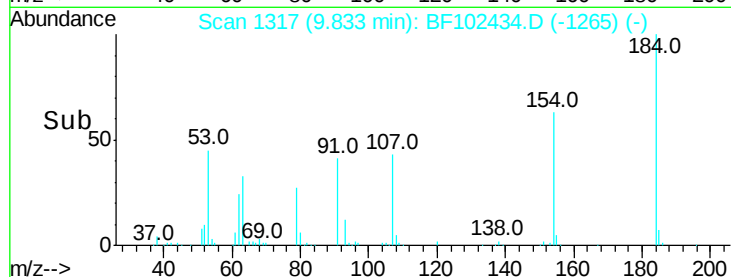
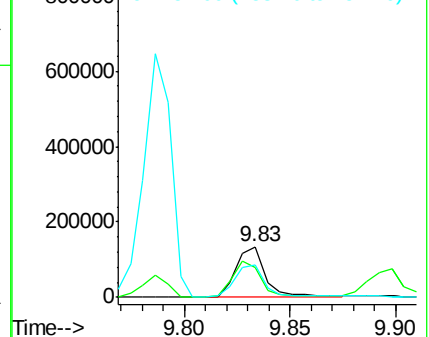
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.756 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:168 Resp: 854234

Ion Ratio Lower Upper

168 100

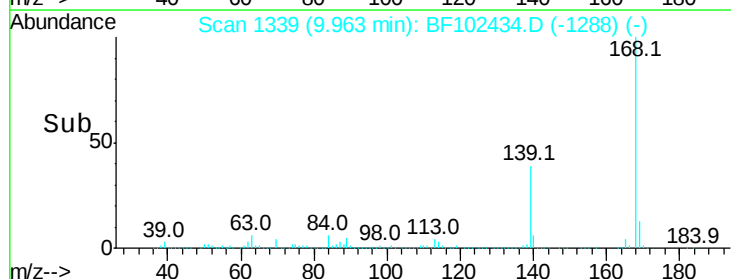
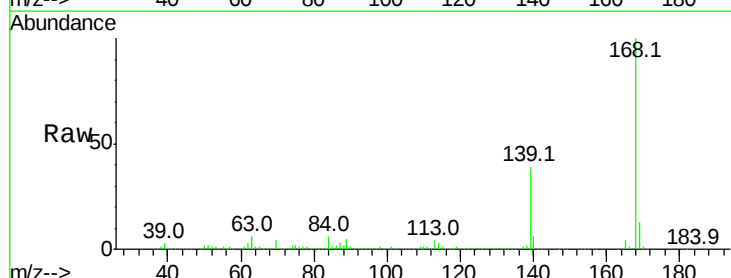
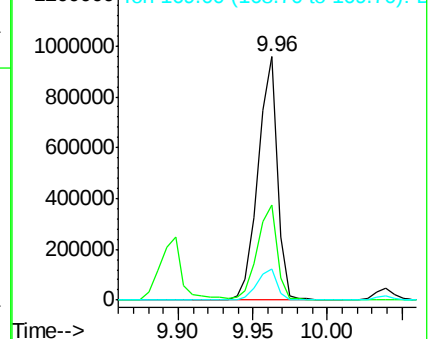
139 38.8 30.1 45.1

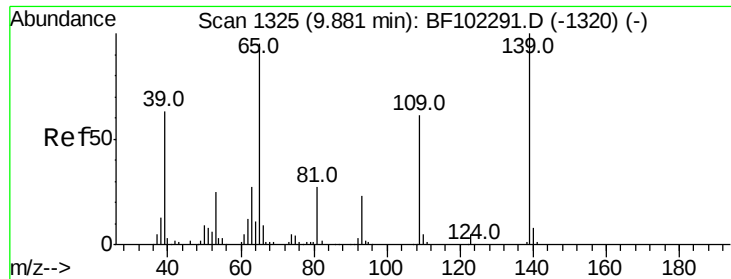
169 12.8 10.9 16.3

Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 71.920 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

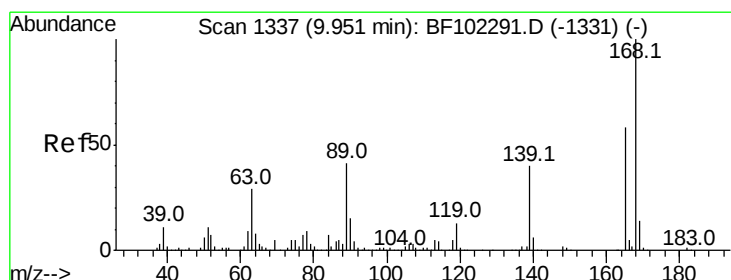
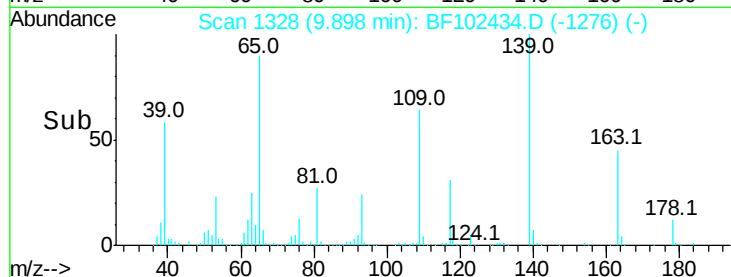
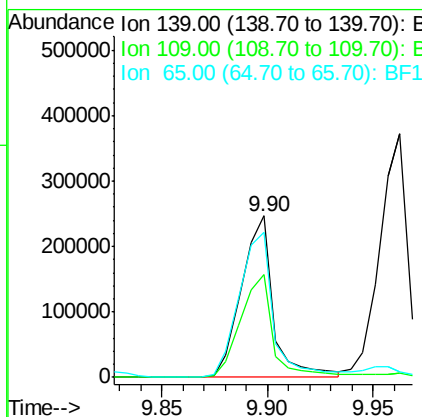
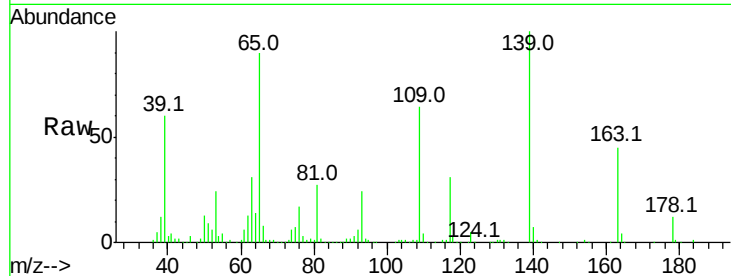
ClientSampleId :

W12-1(0-2)MS

Tot Ion:	139	Resp:	257749
Ion Ratio	Lower	Upper	
139	100		
109	64.0	48.4	88.4
65	90.1	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 39.061 ng

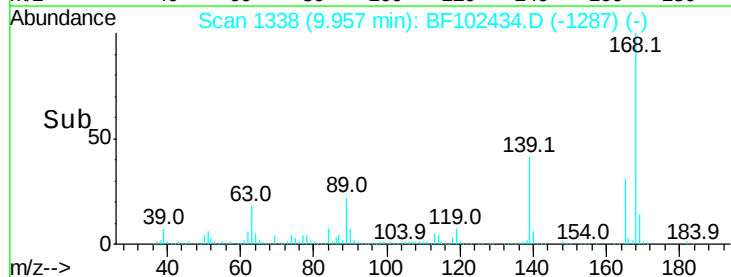
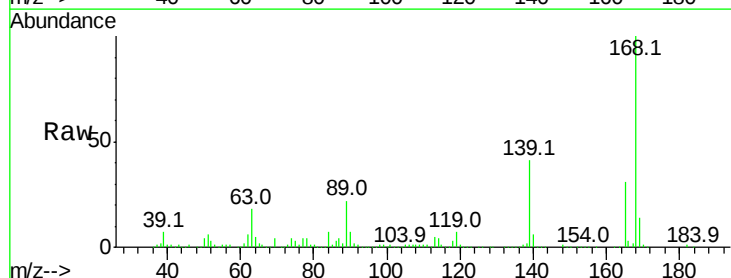
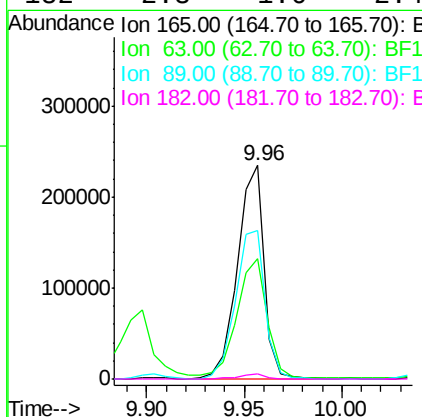
RT: 9.96 min Scan# 1338

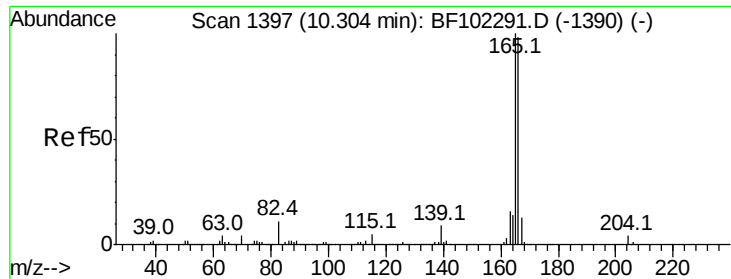
Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:	165	Resp:	220451
Ion Ratio	Lower	Upper	
165	100		
63	56.1	36.4	54.6#
89	69.7	57.8	86.6
182	2.3	1.6	2.4





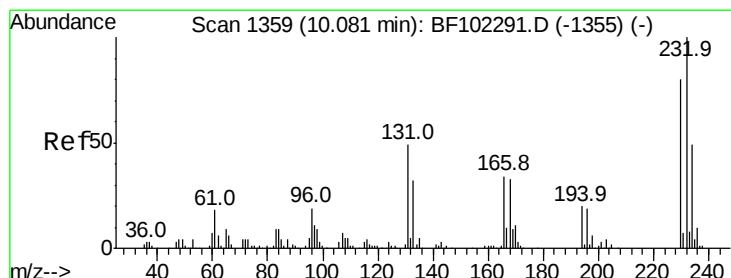
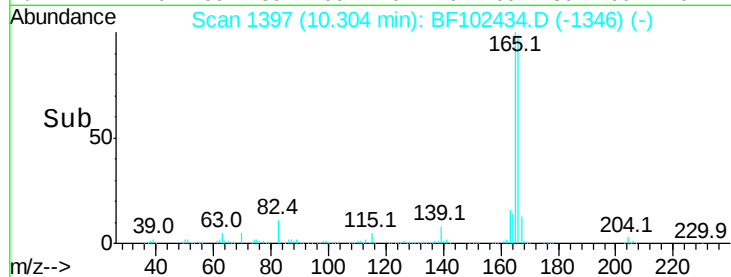
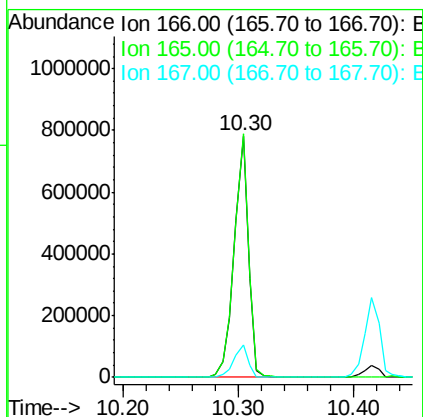
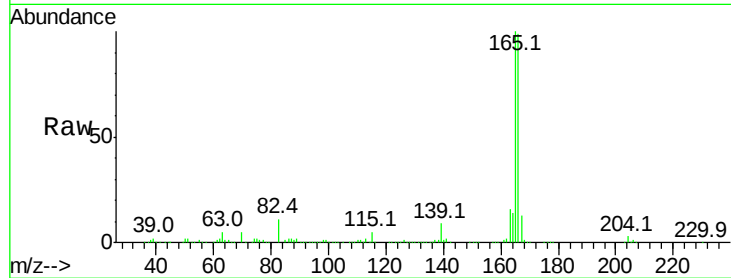
#57
Fluorene
 Concen: 38.524 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampled :
 W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.2	10.6	16.0

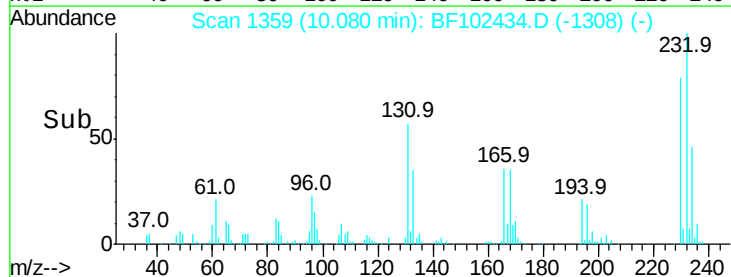
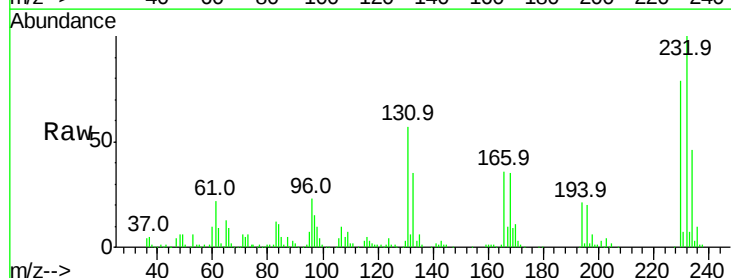
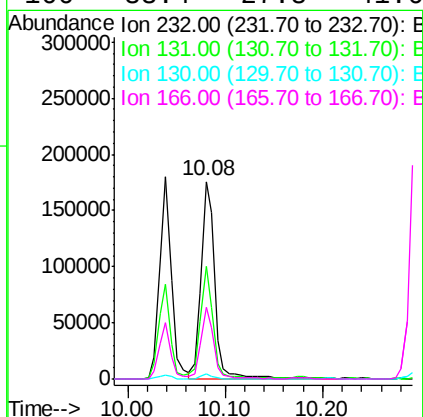
Manual Integrations
 APPROVED

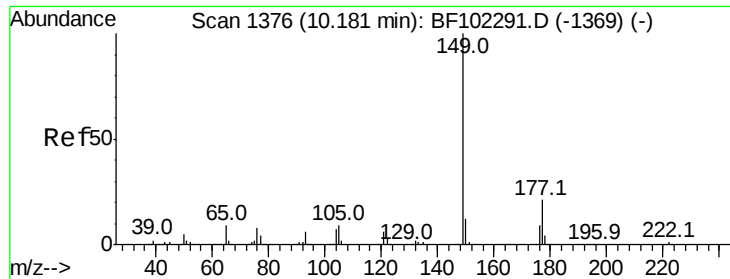
Sohil
 1/26/2018 11:24:30 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.069 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.2	43.8	65.8
130	2.4	2.1	3.1
166	33.4	27.8	41.6





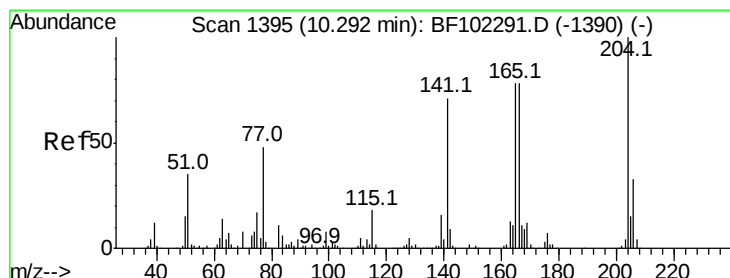
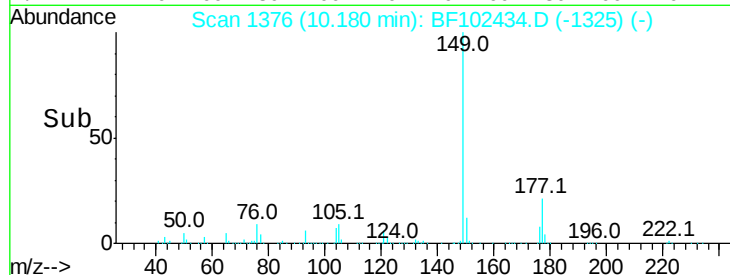
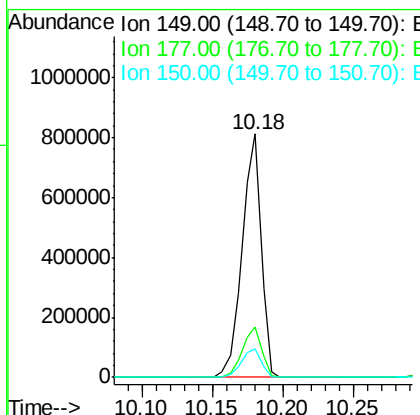
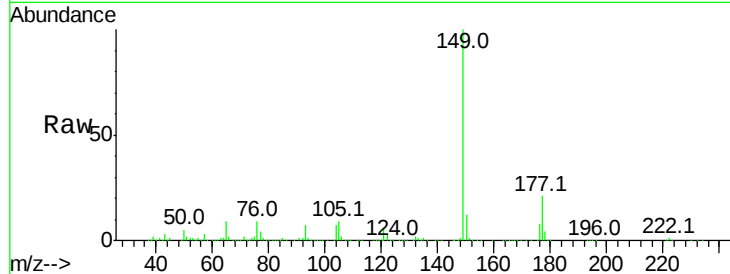
#59
Diethylphthalate
Concen: 36.872 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	762714		
177	20.9	16.1	24.1	
150	12.0	10.1	15.1	

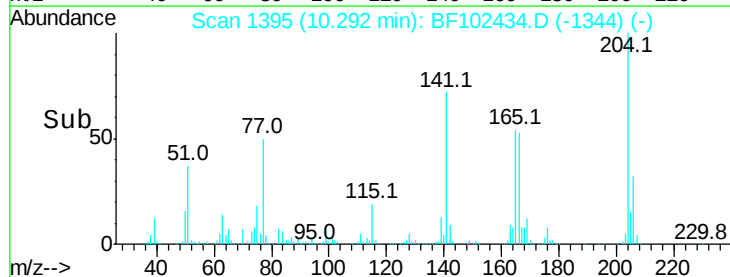
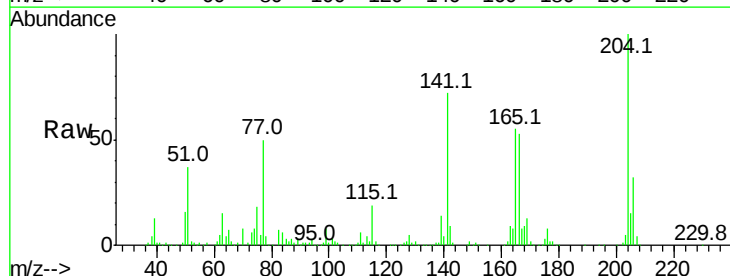
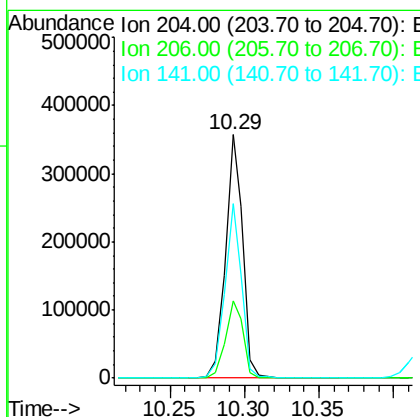
Manual Integrations
APPROVED

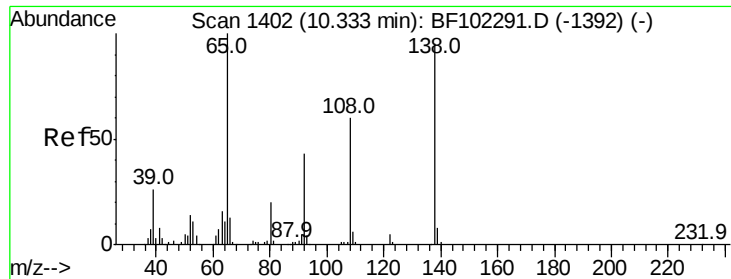
Sohil
1/26/2018 11:24:30 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.371 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	290558		
206	32.0	26.5	39.7	
141	71.7	54.6	81.8	





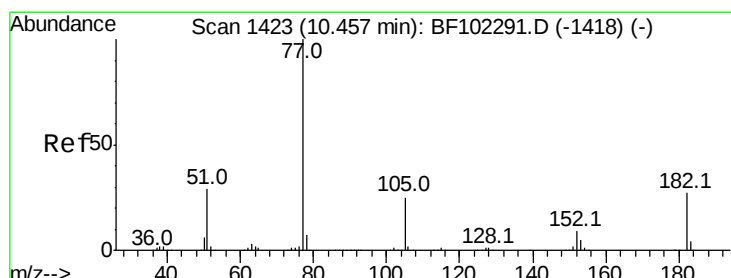
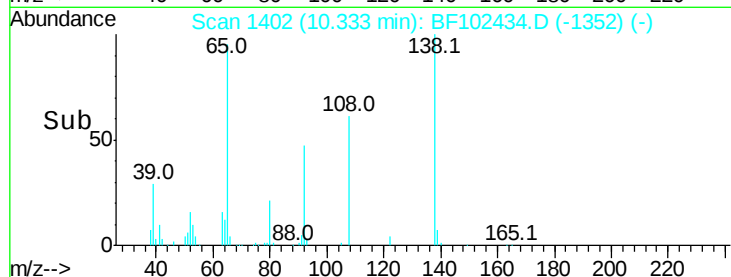
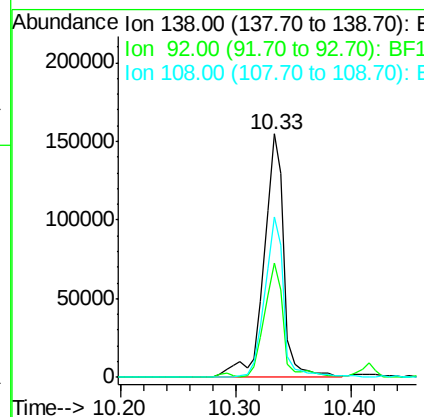
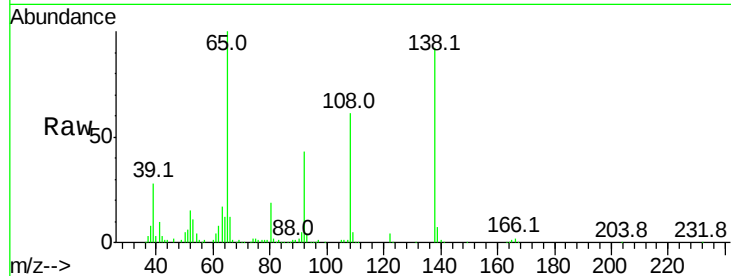
#61
4-Nitroaniline
Concen: 34.673 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.8	30.2	70.2
108	66.0	52.5	92.5

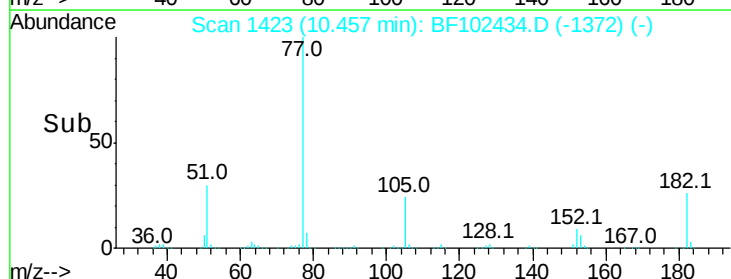
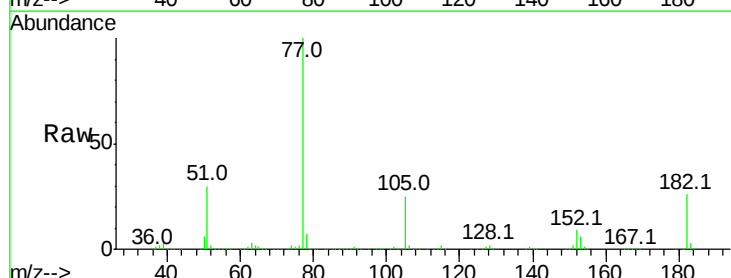
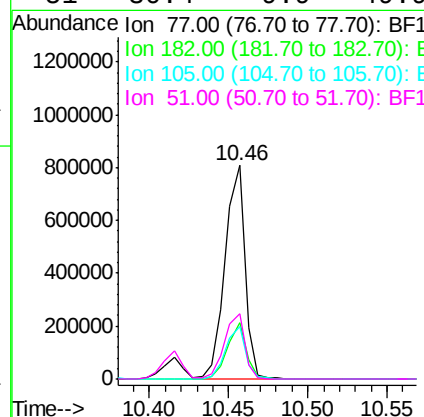
Manual Integrations
APPROVED

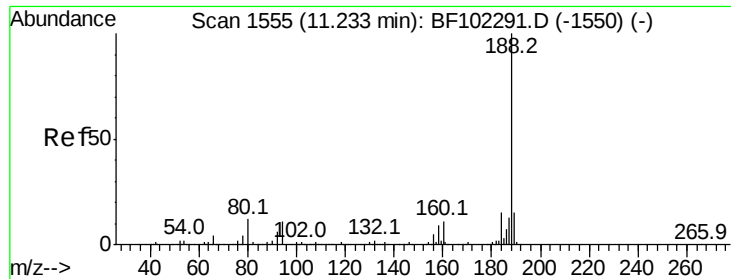
Sohil
1/26/2018 11:24:30 AM



#62
Azobenzene
Concen: 37.344 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	24.6	3.0	43.0
51	30.4	9.9	49.9





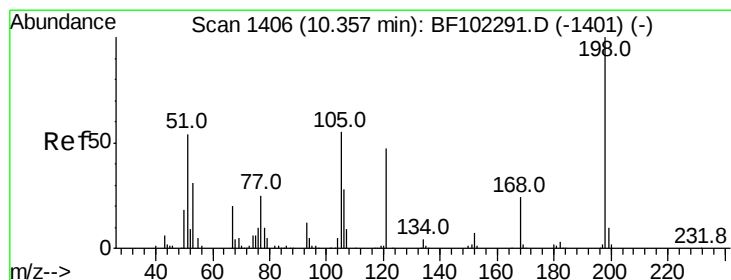
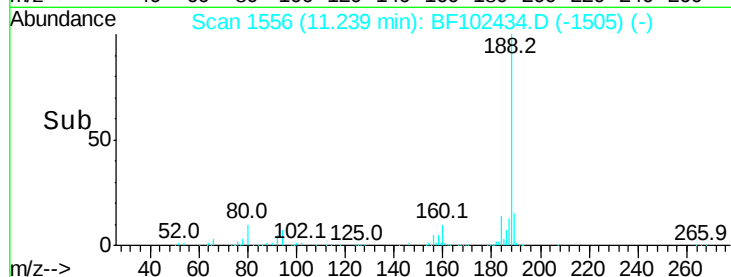
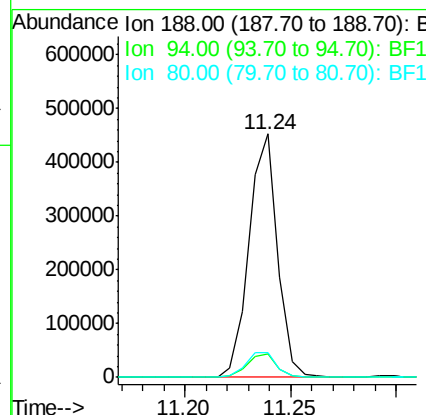
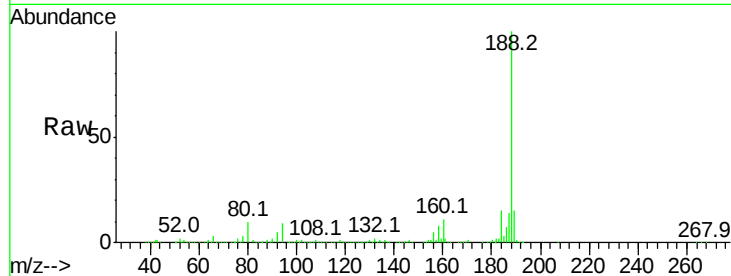
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.4	8.5	12.7	
80	10.4	9.2	13.8	

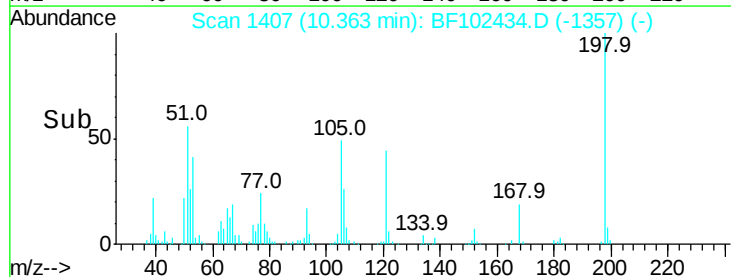
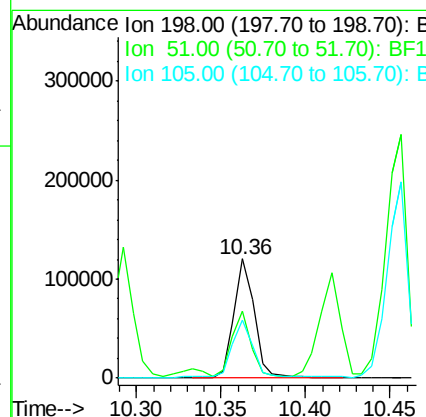
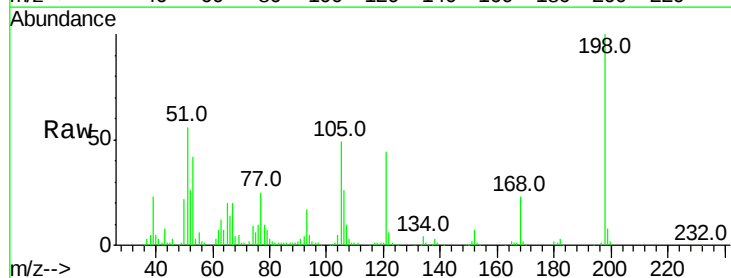
Manual Integrations
APPROVED

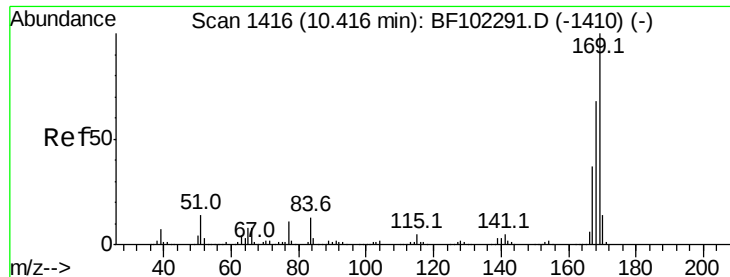
Sohil
1/26/2018 11:24:30 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.410 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	56.1	37.7	77.7	
105	49.0	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 39.610 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MS

Tot Ion:169 Resp: 614514

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

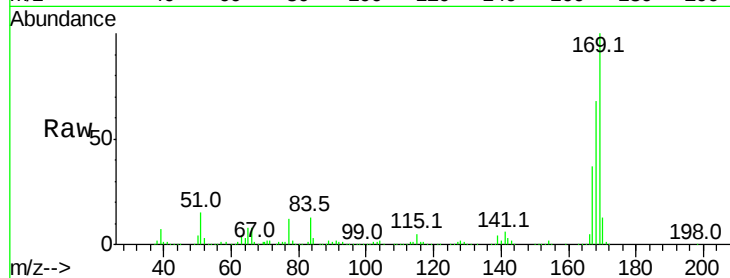
167 37.4 29.8 44.6

Manual Integrations

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Sohil

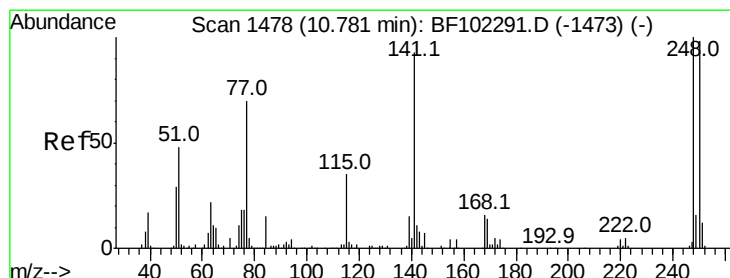
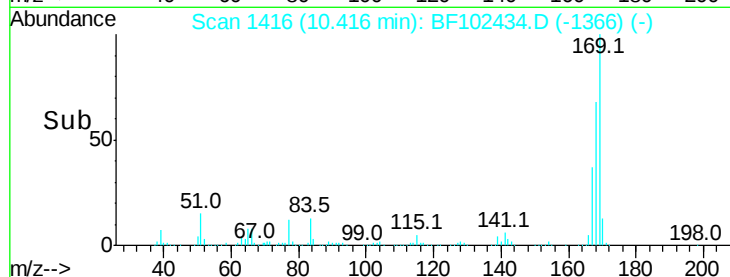
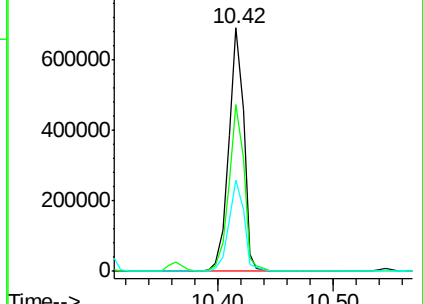
1/26/2018 11:24:30 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.253 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

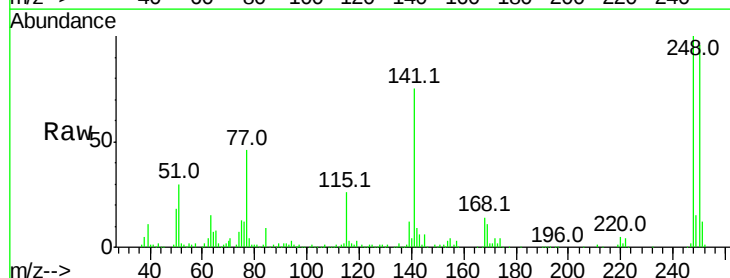
Tgt Ion:248 Resp: 183158

Ion Ratio Lower Upper

248 100

250 96.3 76.9 115.3

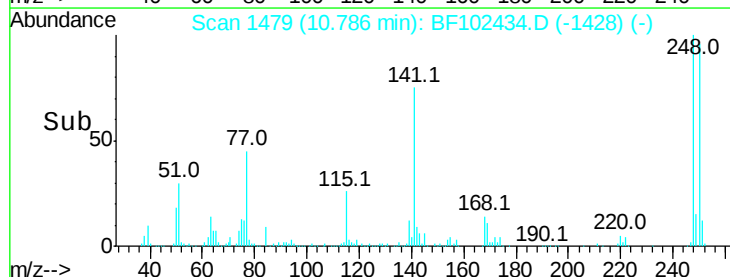
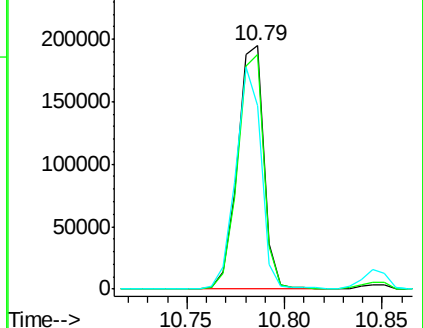
141 75.5 74.4 111.6

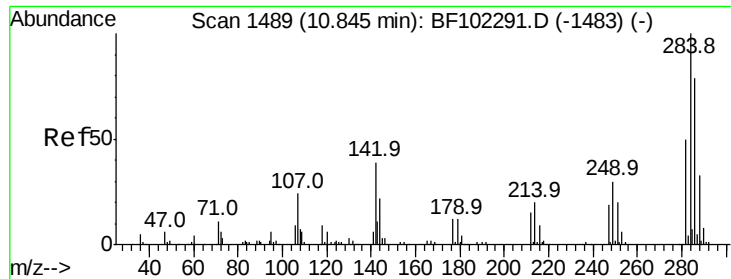


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





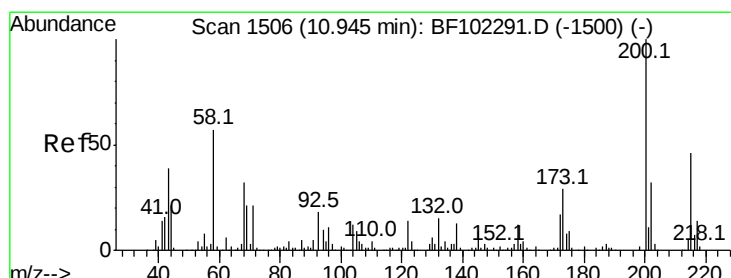
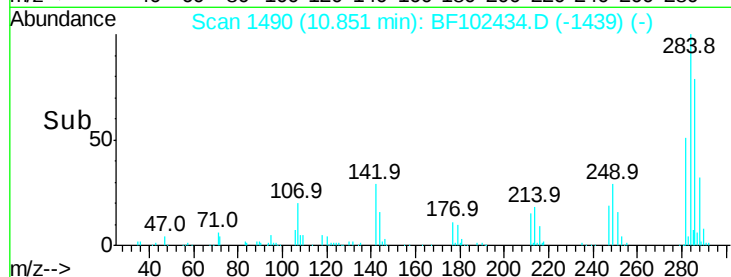
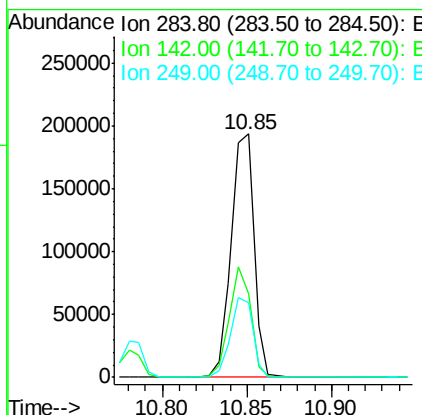
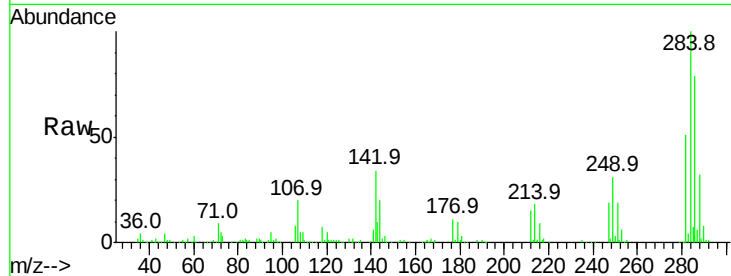
#67
Hexachlorobenzene
Concen: 35.693 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	181636		
142	34.5	34.6	52.0	#
249	30.7	24.8	37.2	

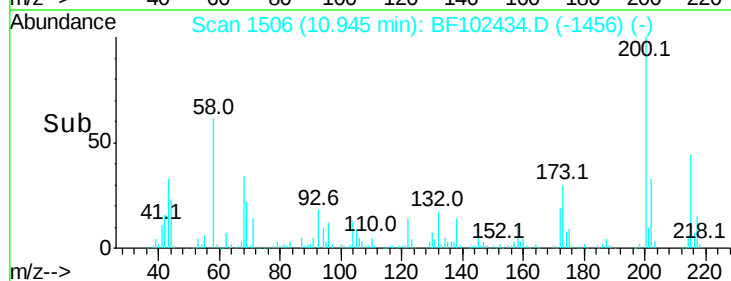
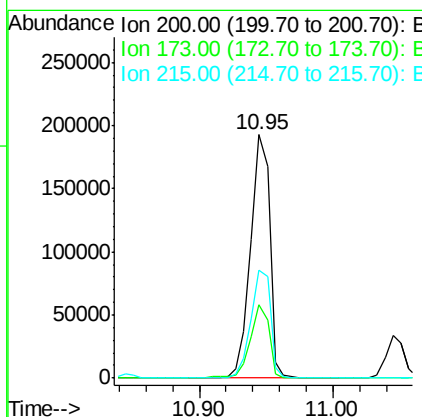
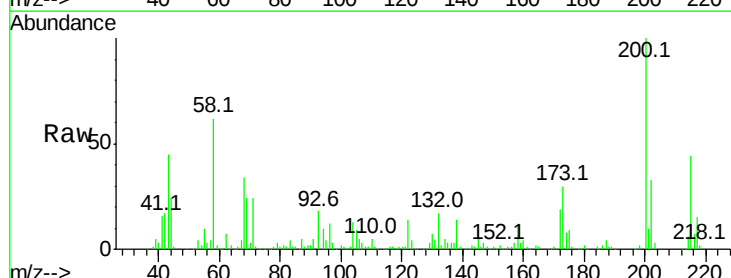
Manual Integrations
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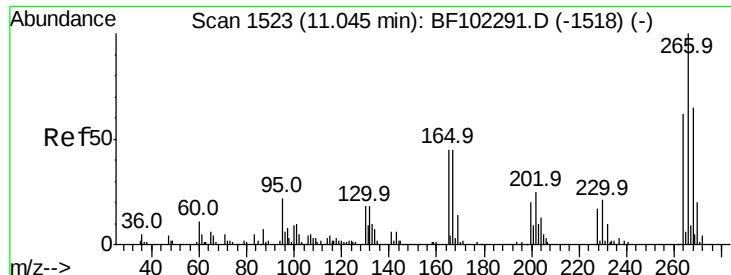
Sohil
1/26/2018 11:24:30 AM



#68
Atrazine
Concen: 41.395 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	189671		
173	30.0	8.6	48.6	
215	44.2	25.1	65.1	





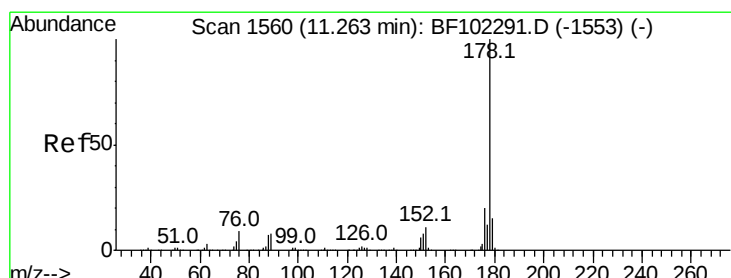
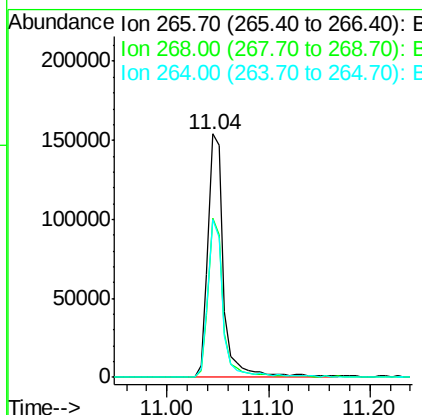
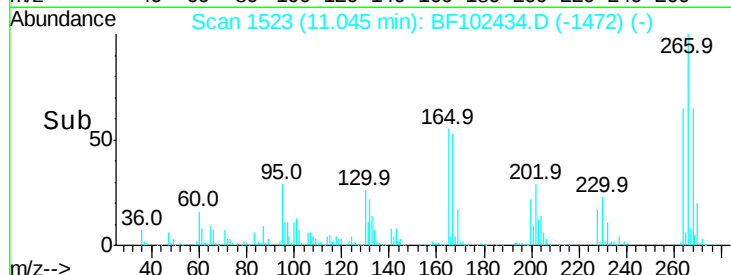
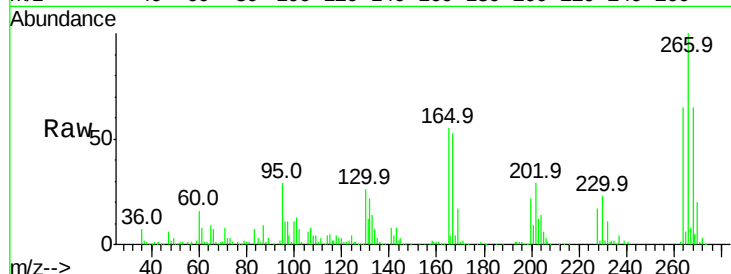
#69
 Pentachlorophenol
 Concen: 62.338 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	166645		
268	65.4	51.1	76.7	
264	64.6	49.5	74.3	

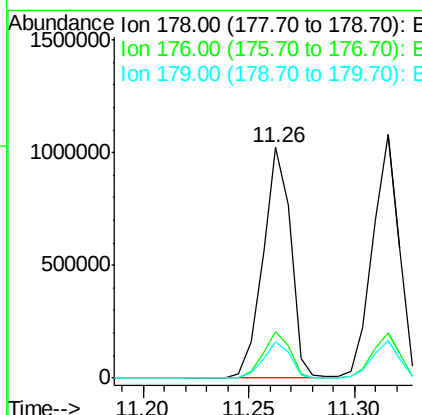
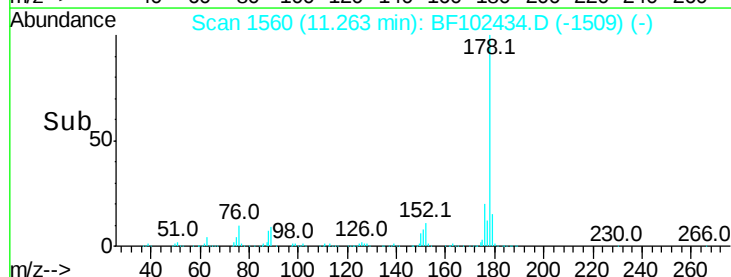
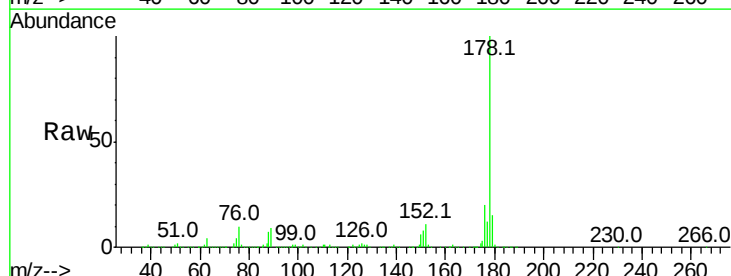
Manual Integrations
 APPROVED

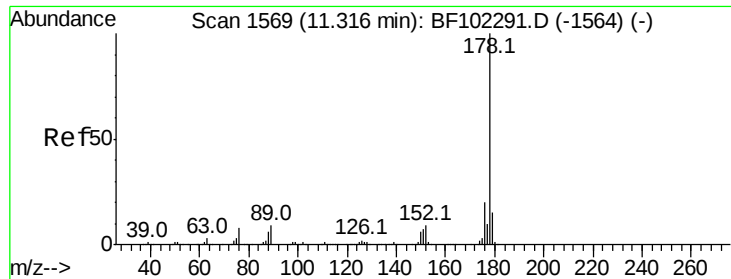
Sohil
 1/26/2018 11:24:30 AM



#70
 Phenanthrene
 Concen: 38.003 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	936049		
176	20.0	15.8	23.8	
179	15.5	13.0	19.6	





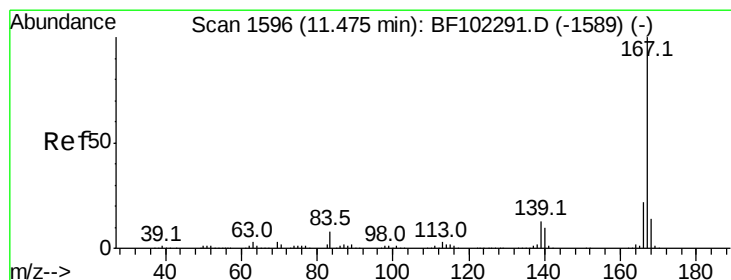
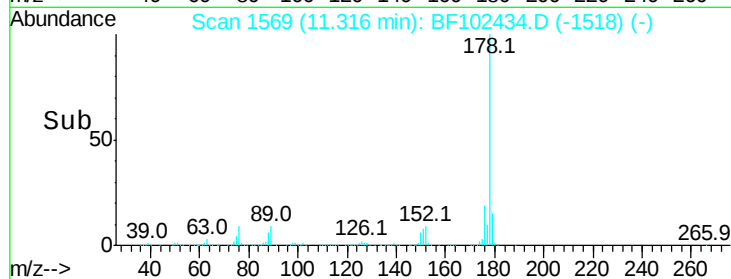
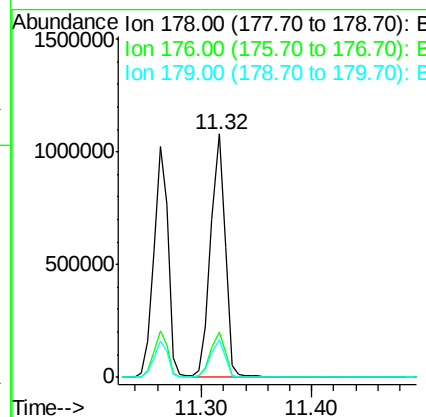
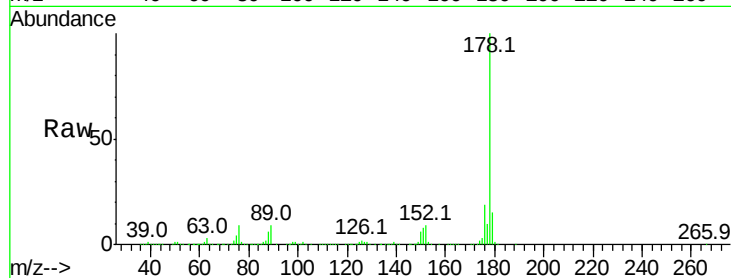
#71
 Anthracene
 Concen: 37.997 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.2	12.6	19.0

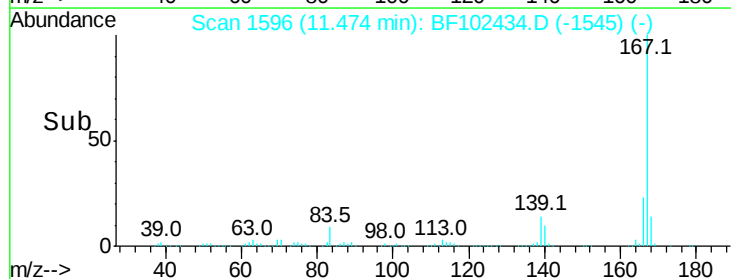
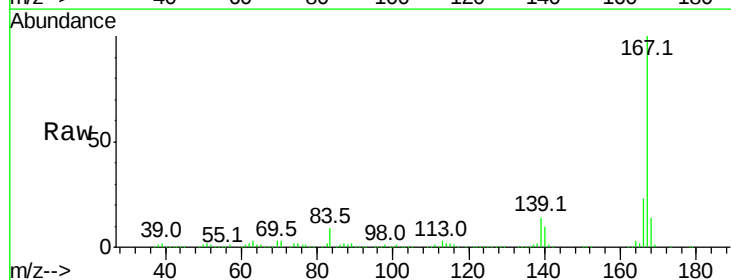
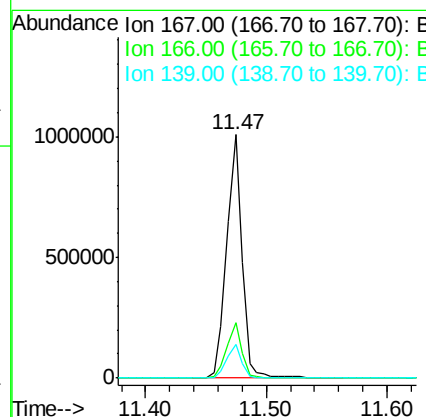
Manual Integrations
 APPROVED

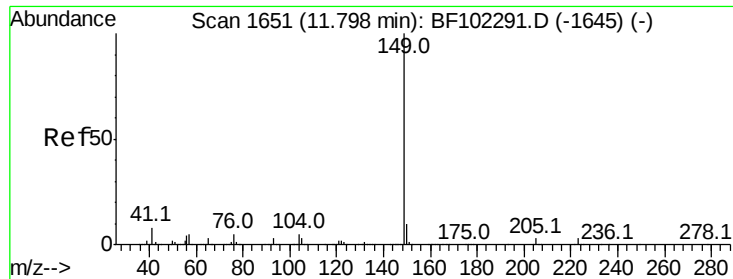
Sohil
 1/26/2018 11:24:30 AM



#72
 Carbazole
 Concen: 36.325 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.1	10.9	16.3





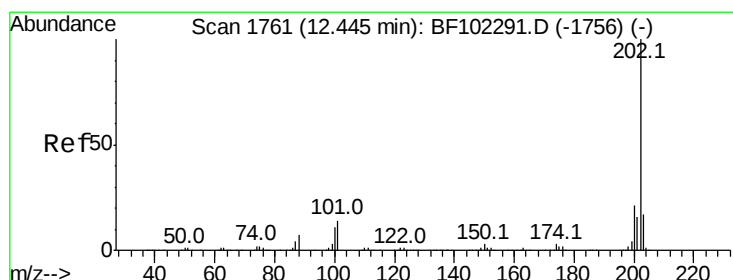
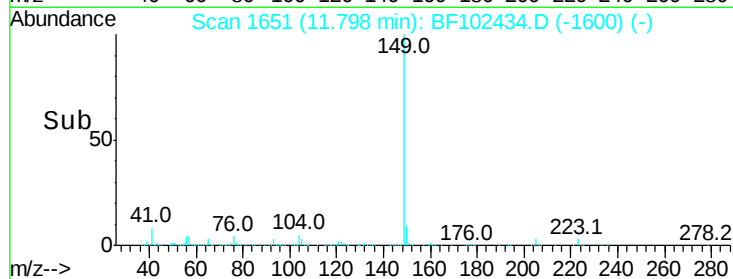
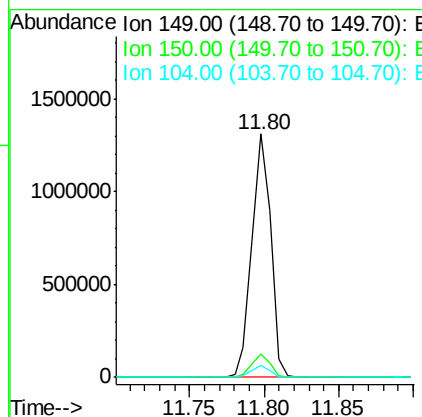
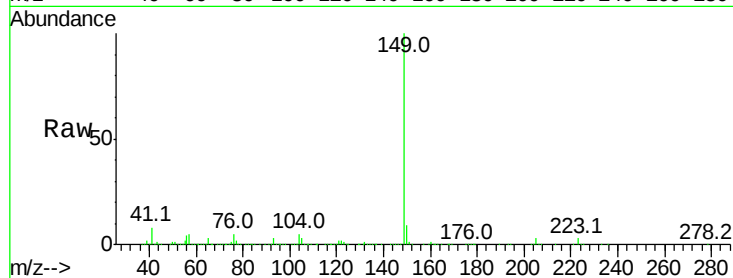
#73
Di-n-butylphthalate
Concen: 37.163 ng
RT: 11.80 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8

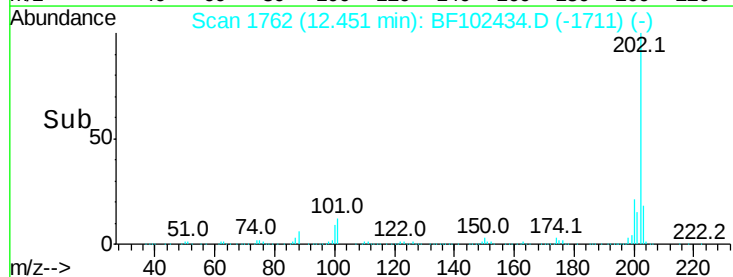
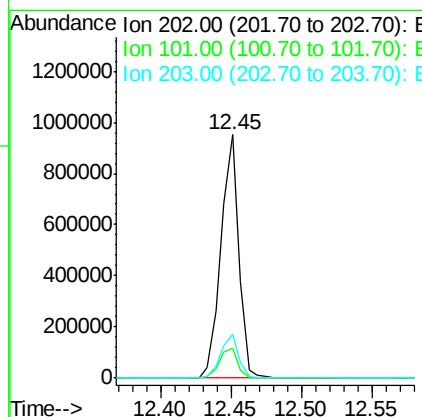
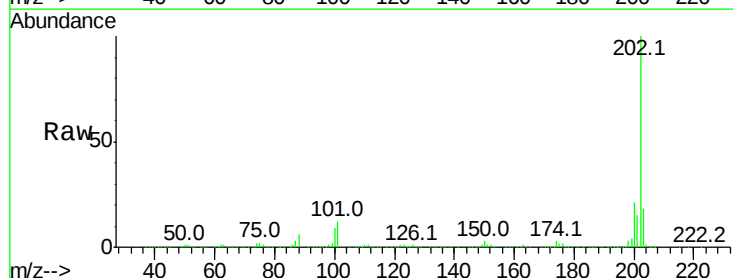
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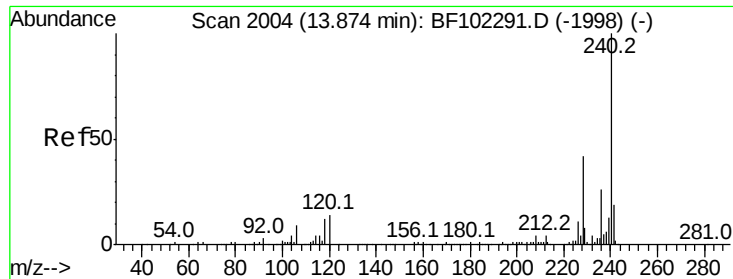
Sohil
1/26/2018 11:24:30 AM



#74
Fluoranthene
Concen: 33.458 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

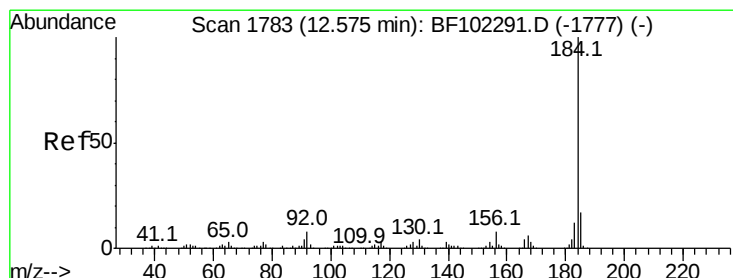
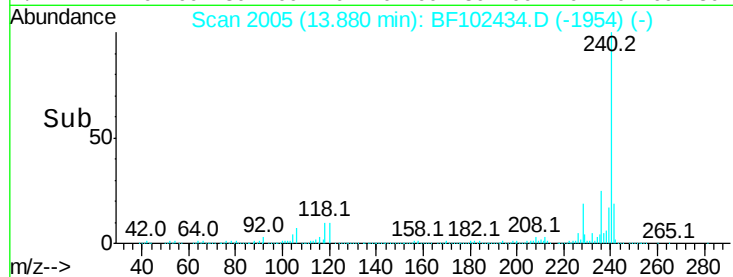
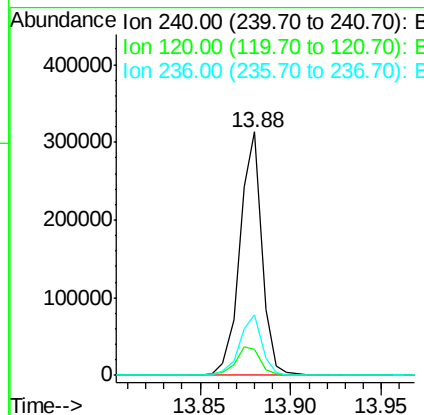
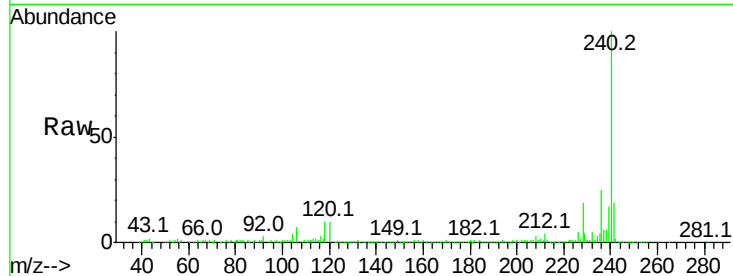
ClientSampleId :

W12-1(0-2)MS

Tot Ion:	240	Resp:	264801
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	24.9	20.7	31.1

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#76

Benzidine

Concen: 10.474 ng

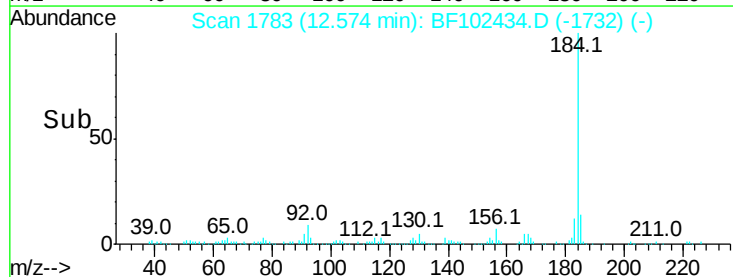
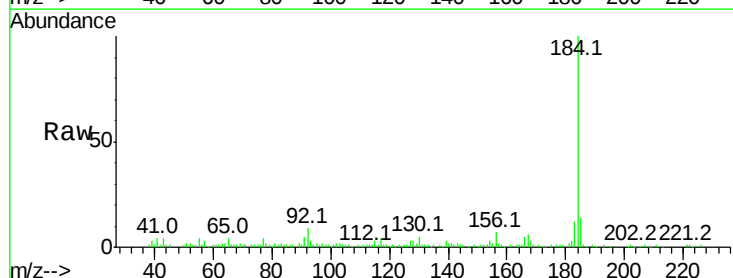
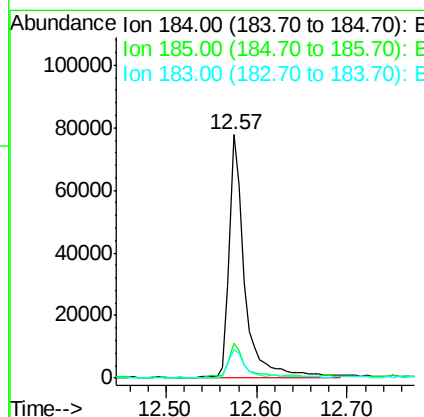
RT: 12.57 min Scan# 1783

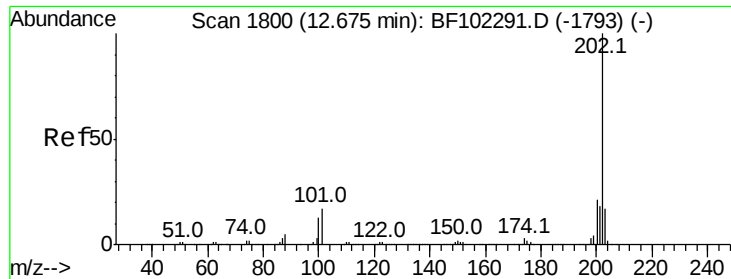
Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:	184	Resp:	93177
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 40.533 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

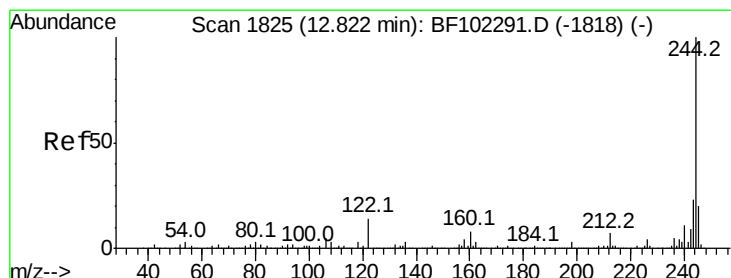
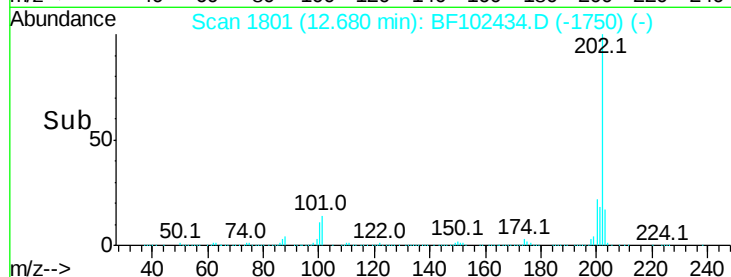
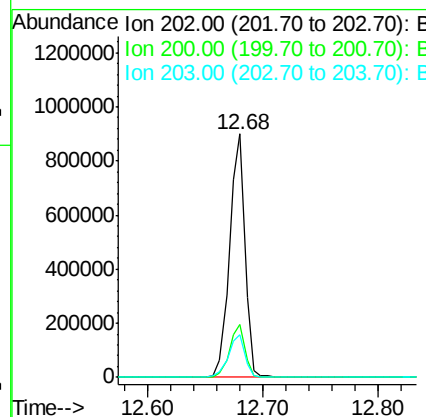
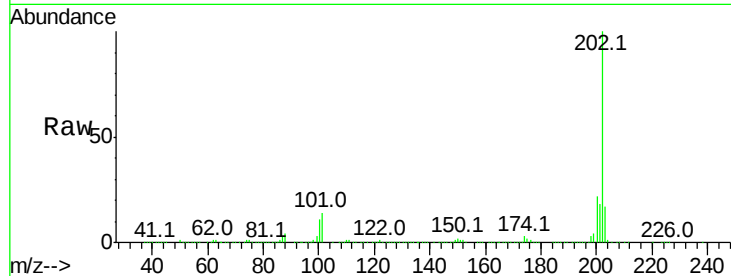
ClientSampleId :

W12-1(0-2)MS

Tot Ion:	202	Resp:	829842
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 83.450 ng

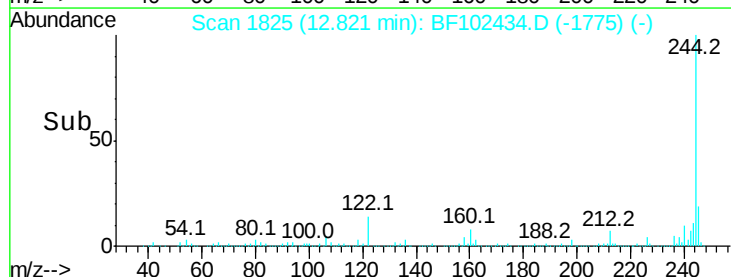
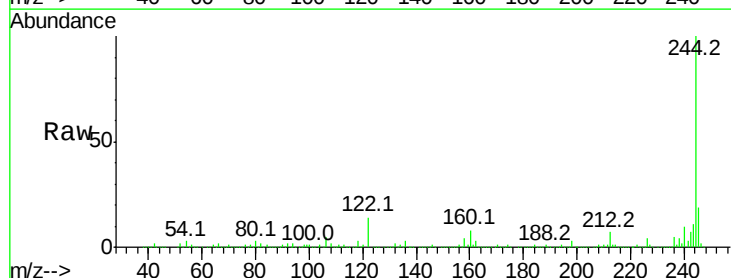
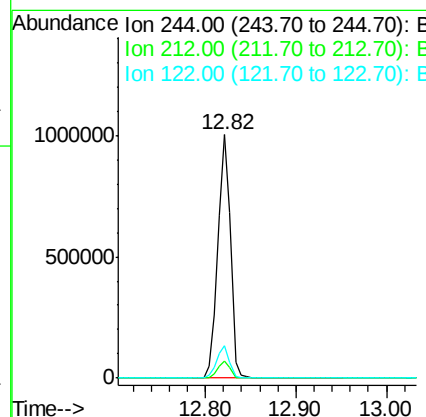
RT: 12.82 min Scan# 1825

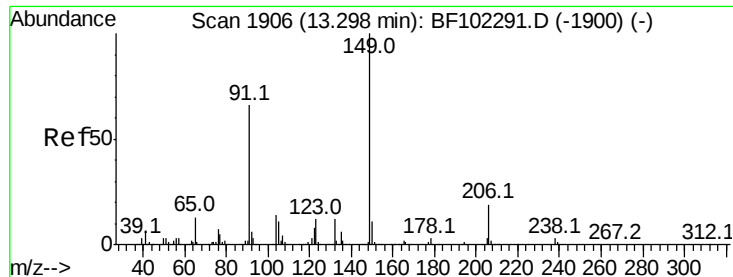
Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:	244	Resp:	980217
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	13.6	11.0	16.4





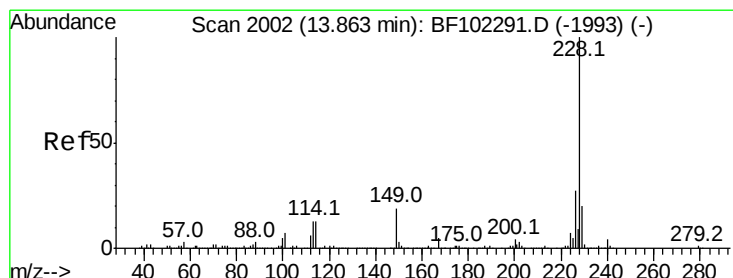
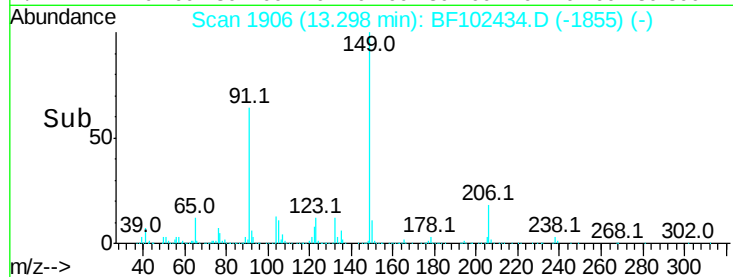
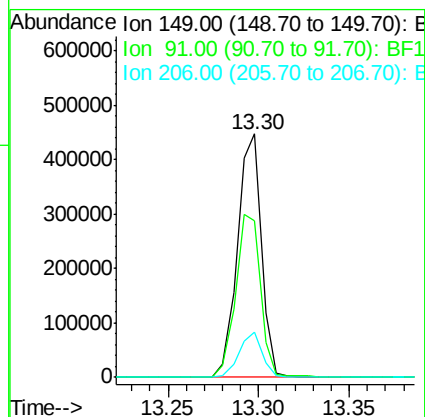
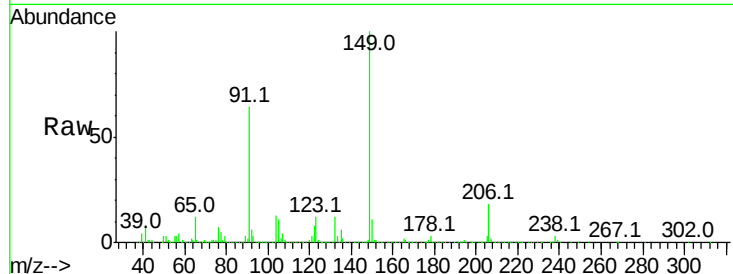
#79
Butylbenzylphthalate
Concen: 40.113 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	408696		
91	64.1	56.8	85.2	
206	18.4	14.1	21.1	

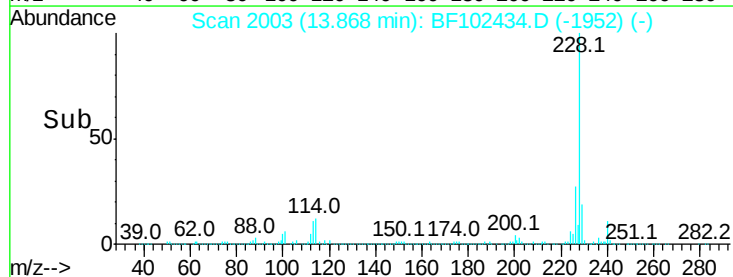
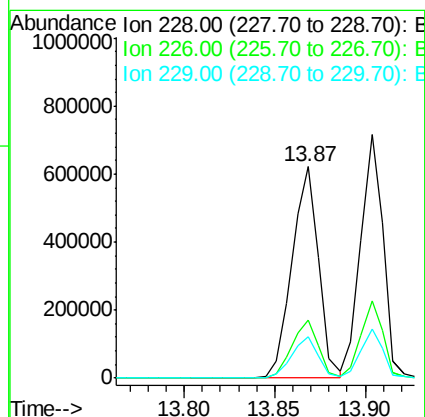
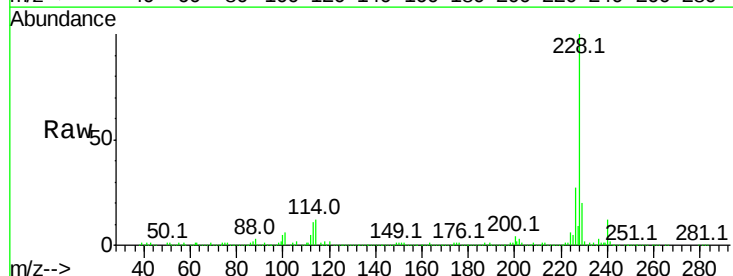
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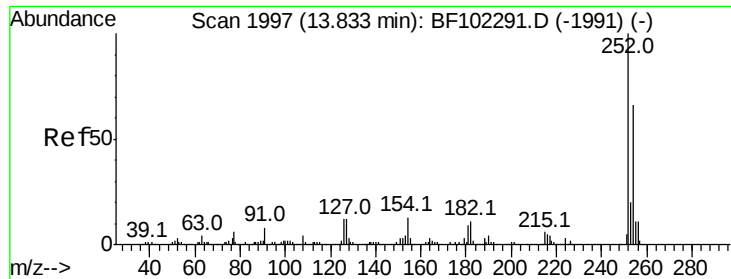
Sohil
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#80
Benzo(a)anthracene
Concen: 39.403 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	642377		
226	27.3	22.6	33.8	
229	19.5	15.8	23.6	





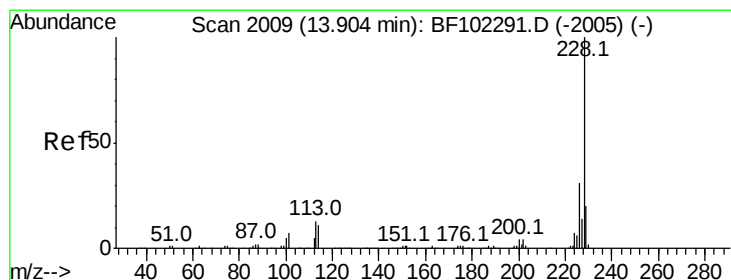
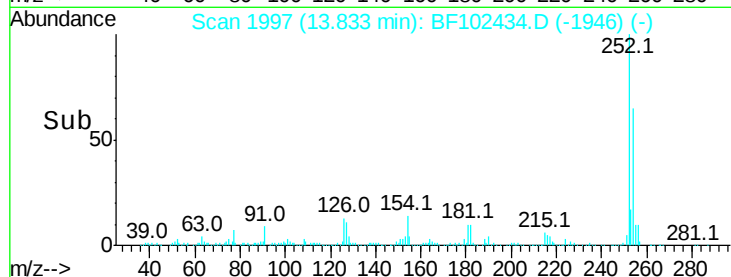
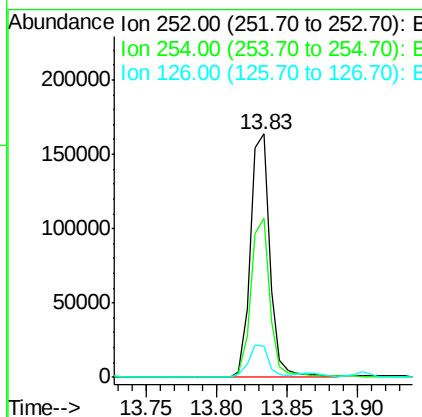
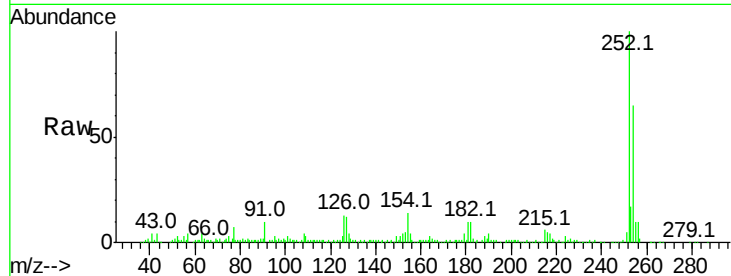
#81
 3,3'-Dichlorobenzidine
 Concen: 26.778 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	160144		
254	65.5	50.4	75.6	
126	12.9	11.3	16.9	

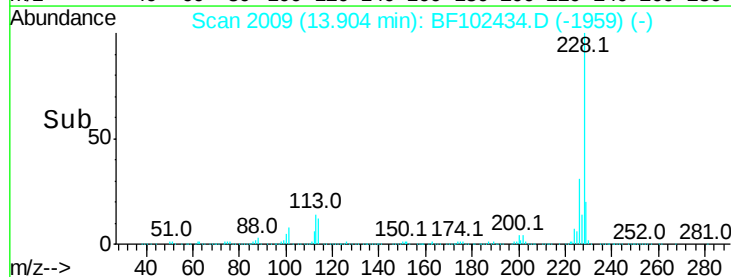
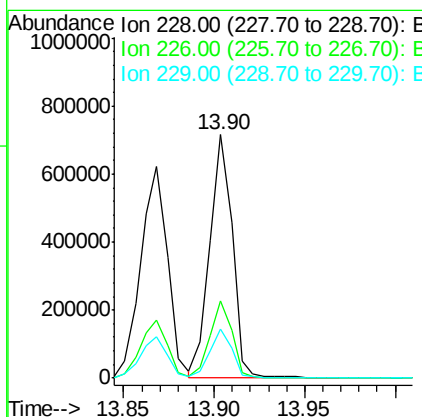
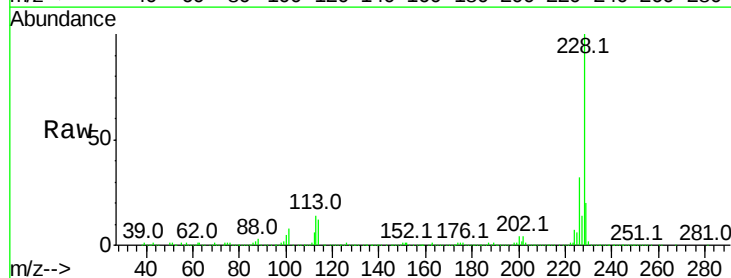
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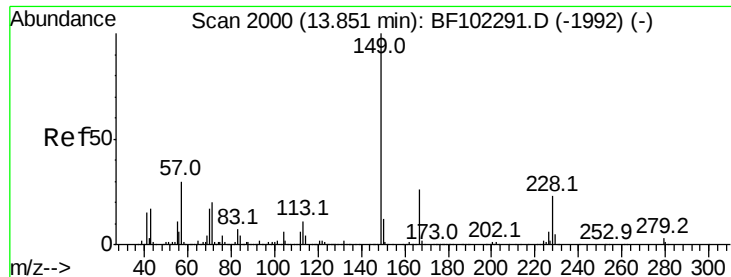
Sohil
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#82
 Chrysene
 Concen: 37.386 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	618948		
226	31.6	25.0	37.6	
229	20.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.934 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

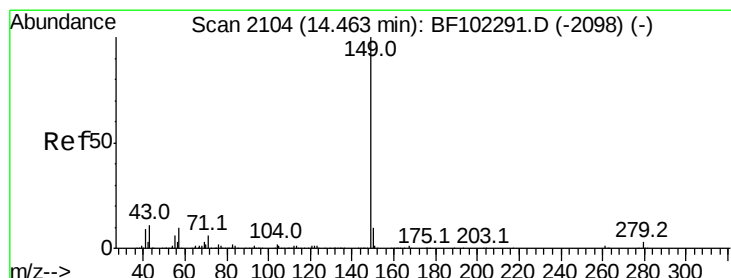
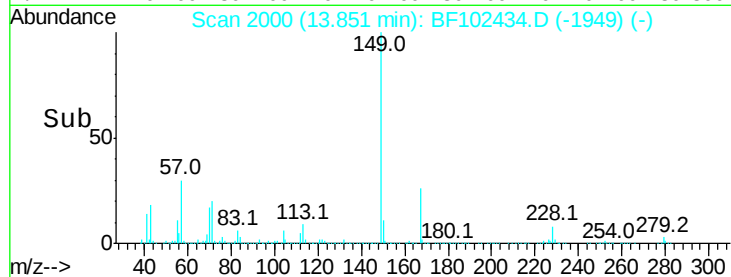
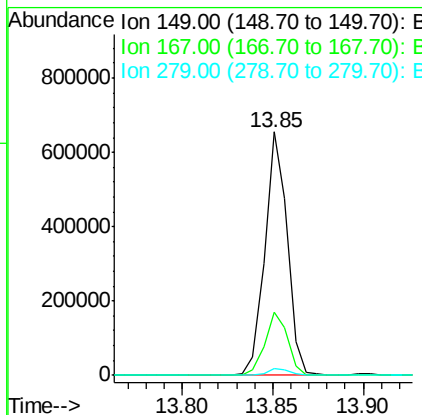
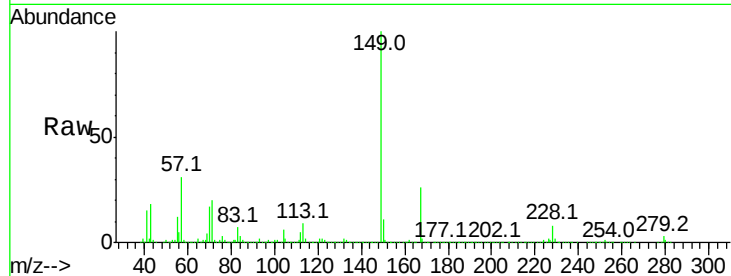
ClientSampleId :

W12-1(0-2)MS

Tot Ion:	149	Resp:	560492
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.3	31.9
279	2.7	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 41.088 ng

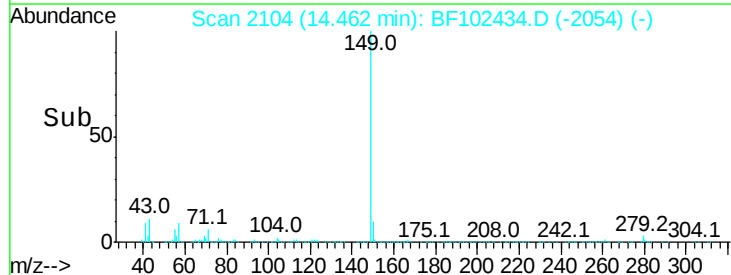
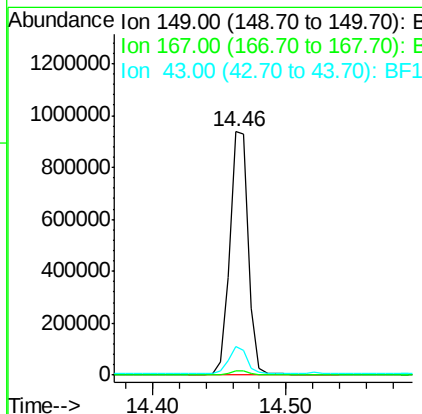
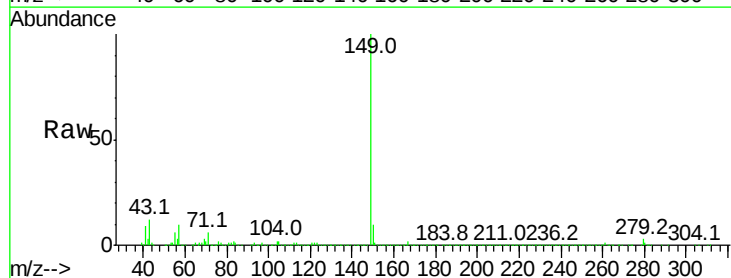
RT: 14.46 min Scan# 2104

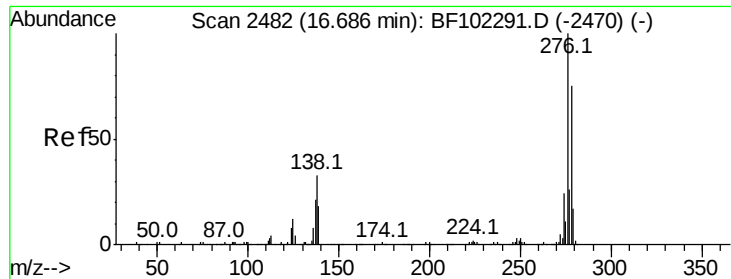
Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:	149	Resp:	914923
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.8	8.4	12.6





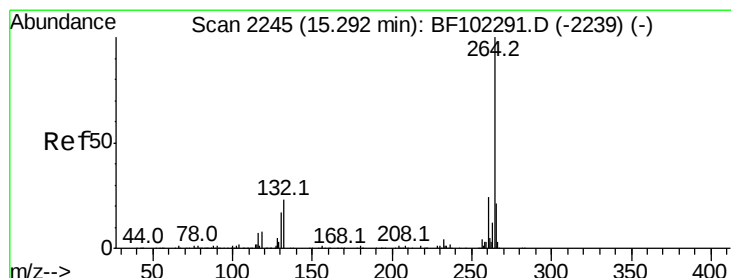
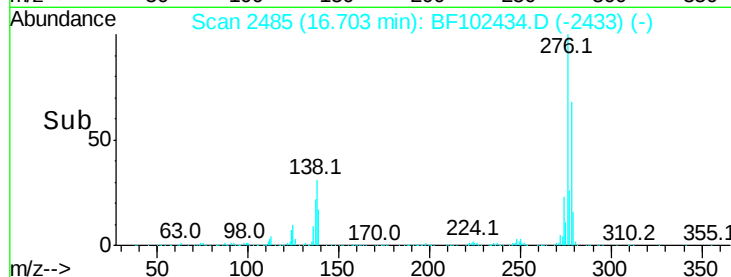
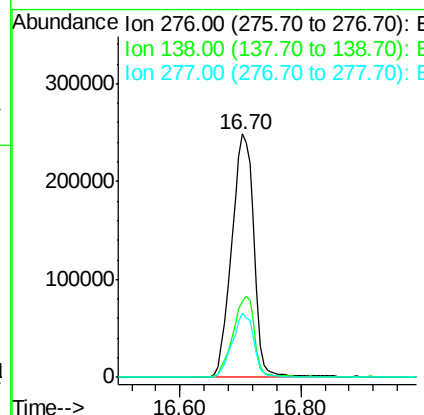
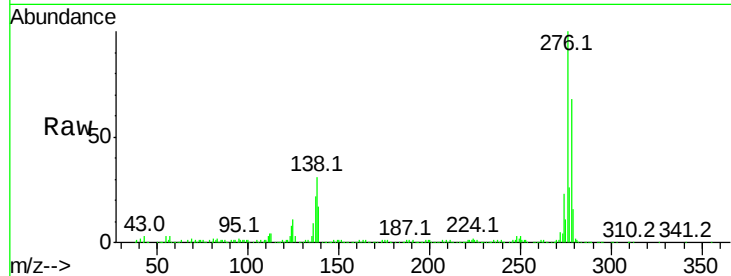
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.816 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	25.0	37.6
277	25.1	20.1	30.1

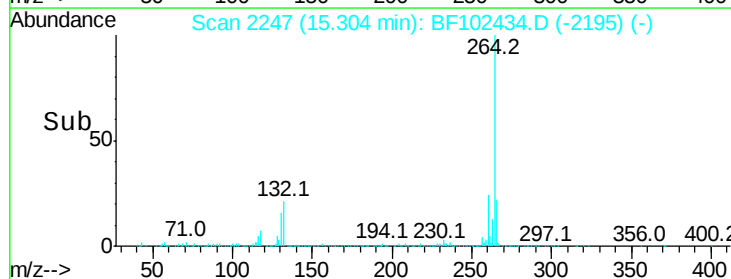
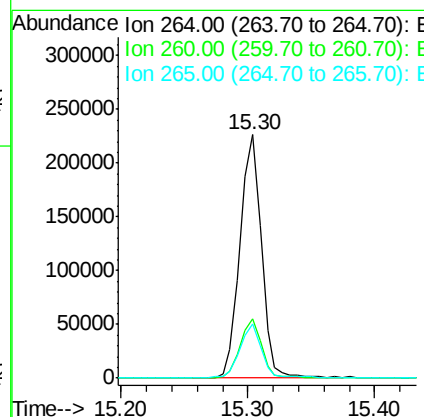
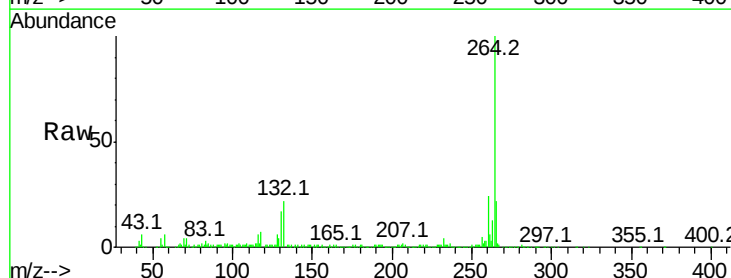
Manual Integrations
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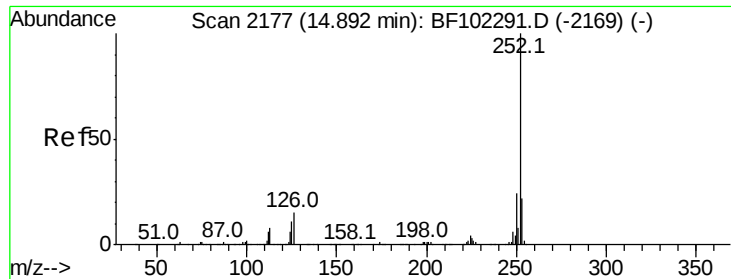
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3





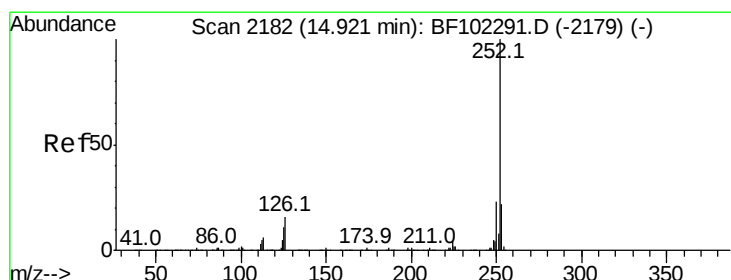
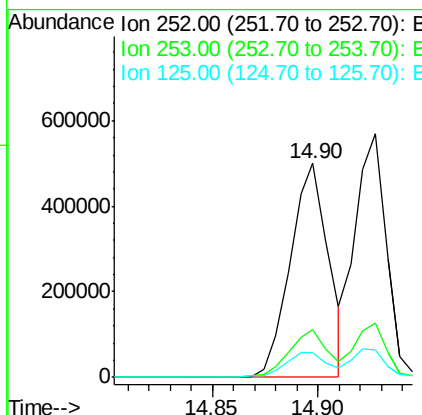
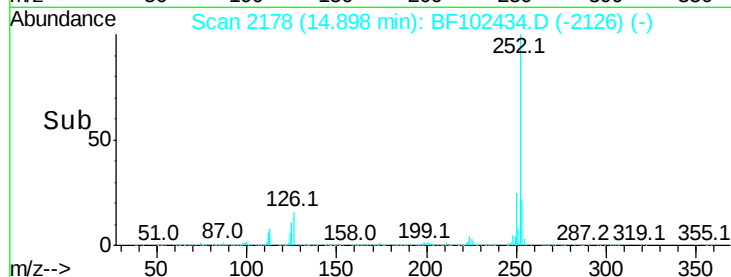
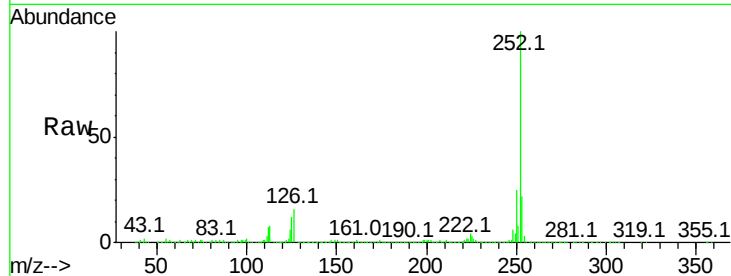
#87
Benzo(b)fluoranthene
Concen: 36.424 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.7	9.0	13.6

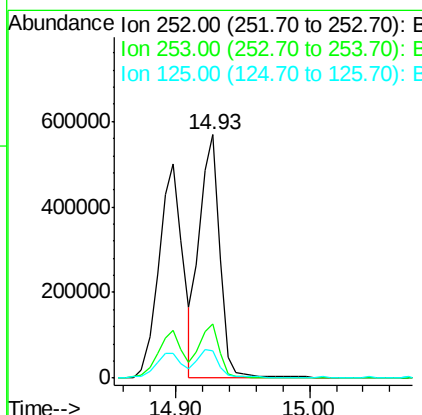
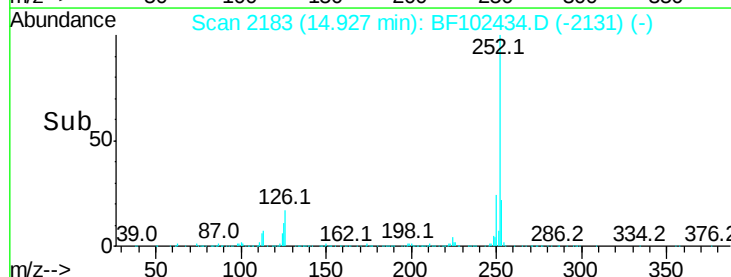
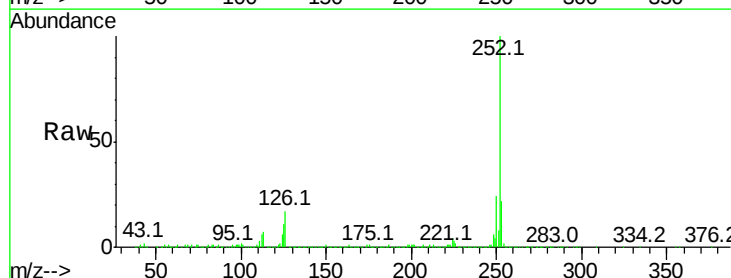
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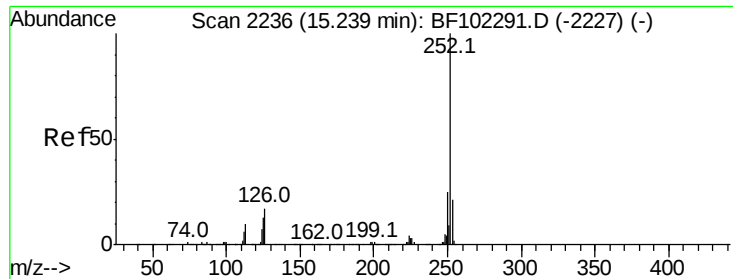
Sohil
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#88
Benzo(k)fluoranthene
Concen: 36.553 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.3	10.2	15.2





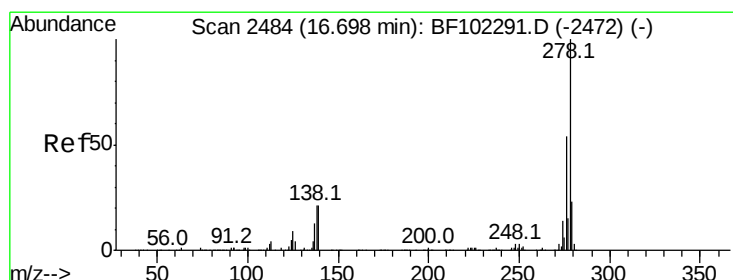
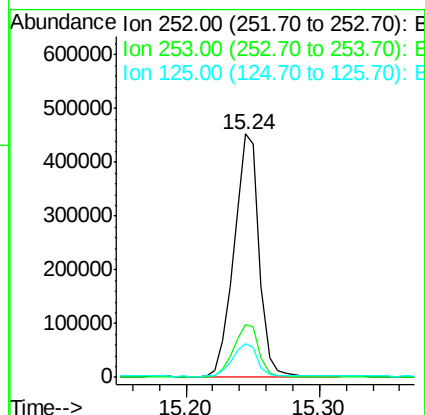
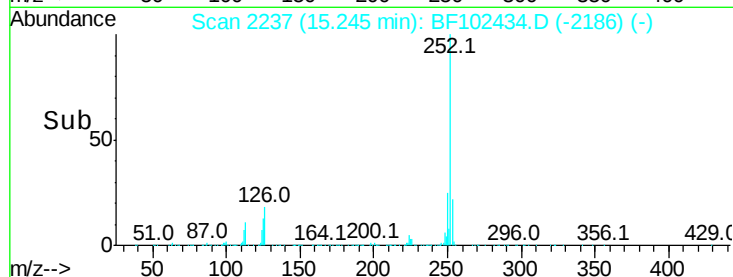
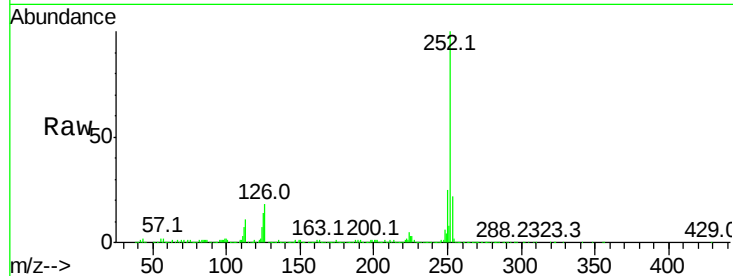
#89
Benzo(a)pyrene
Concen: 38.469 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.8	9.8	14.6

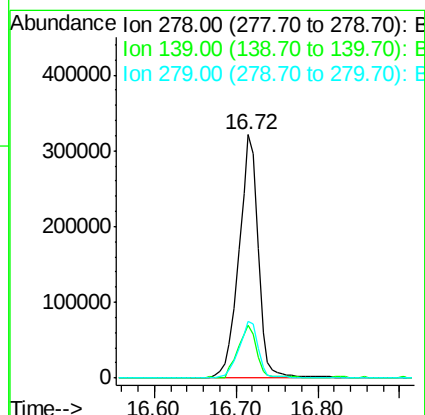
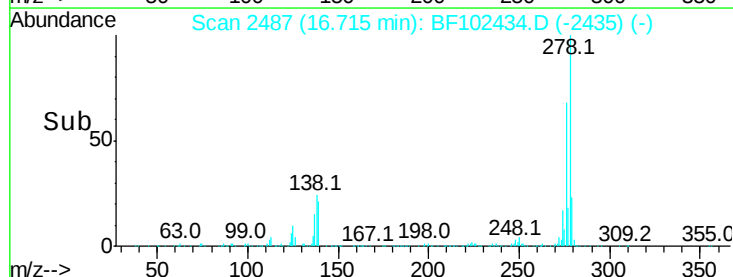
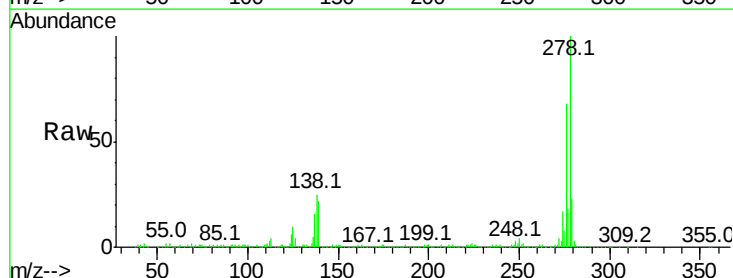
Manual Integrations
APPROVED

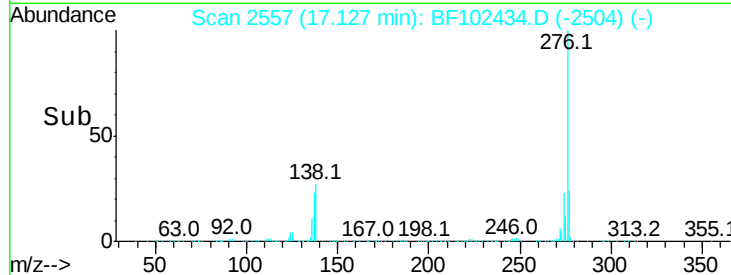
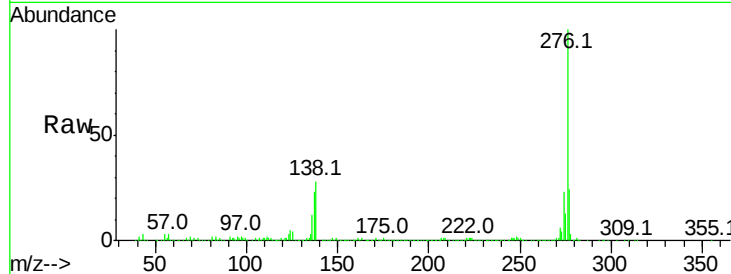
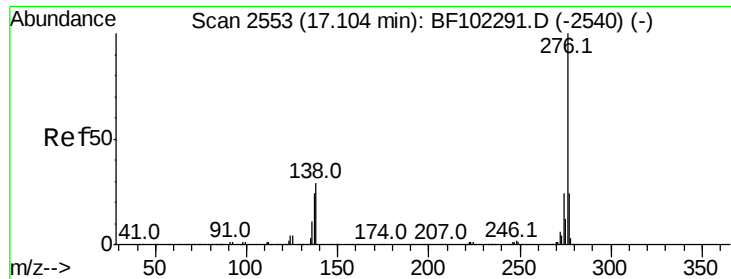
Sohil
1/26/2018 11:24:30 AM



#90
Dibenzo(a,h)anthracene
Concen: 42.138 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	23.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 42.315 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MS

Tot Ion: 276 Resp: 525267

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 27.7 21.8 32.8

Manual Integrations

APPROVED

Sohil

1/26/2018 11:24:30 AM

