

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102680.D
 Acq On : 1 Feb 2018 2:50
 Operator : SJ/JU
 Sample : J1385-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Manual Integrations
 APPROVED

Sohil
 2/1/2018 12:14:40 PM

Quant Time: Feb 01 04:29:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	139197	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	557771	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	212308	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	318704	20.00	ng	0.00
75) Chrysene-d12	13.87	240	268568	20.00	ng	0.00
86) Perylene-d12	15.30	264	193380	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1037342	113.00	ng	0.03
7) Phenol-d6	6.37	99	1072526	96.91	ng	0.02
23) Nitrobenzene-d5	7.28	82	720097	74.19	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	169082	80.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1100098	76.19	ng	0.00
78) Terphenyl-d14	12.82	244	840814	70.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	169174	38.785	ng	98
3) Pyridine	3.13	79	368143	32.297	ng	98
4) n-Nitrosodimethylamine	3.09	42	189001	42.294	ng	99
6) Aniline	6.38	93	157005	10.725	ng	# 19
8) 2-Chlorophenol	6.50	128	331991	34.498	ng	98
9) Benzaldehyde	6.26	77	132616	18.229	ng	99
10) Phenol	6.39	94	421466	34.881	ng	99
11) bis(2-Chloroethyl)ether	6.45	93	318894	34.701	ng	98
12) 1,3-Dichlorobenzene	6.65	146	361079	31.549	ng	99
13) 1,4-Dichlorobenzene	6.73	146	374718	32.684	ng	99
14) 1,2-Dichlorobenzene	6.88	146	338596	32.288	ng	98
15) Benzyl Alcohol	6.87	79	239047	30.612	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	503189	32.647	ng	81
17) 2-Methylphenol	6.99	107	257194	30.773	ng	# 89
18) Hexachloroethane	7.21	117	94612	23.682	ng	90
19) n-Nitroso-di-n-propylamine	7.13	70	239935	35.425	ng	97
20) 3+4-Methylphenols	7.15	107	364466	37.078	ng	92
22) Acetophenone	7.12	105	479040	36.028	ng	98
24) Nitrobenzene	7.30	77	340941	34.325	ng	99
25) Isophorone	7.54	82	623804	36.051	ng	99
26) 2-Nitrophenol	7.62	139	159781	30.564	ng	92
27) 2,4-Dimethylphenol	7.66	122	291063	38.343	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	409026	38.267	ng	99
29) 2,4-Dichlorophenol	7.87	162	255582	33.054	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	263479	31.788	ng	99
31) Naphthalene	8.02	128	922641	33.131	ng	100
32) Benzoic acid	7.77	122	12961m	2.038	ng	
33) 4-Chloroaniline	8.07	127	115212	9.838	ng	98
34) Hexachlorobutadiene	8.12	225	139628	31.540	ng	99
35) Caprolactam	8.44	113	67070	26.264	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	254757	31.257	ng	98
37) 2-Methylnaphthalene	8.70	142	590516	31.840	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	221009	34.600	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	143013	33.446	ng	99

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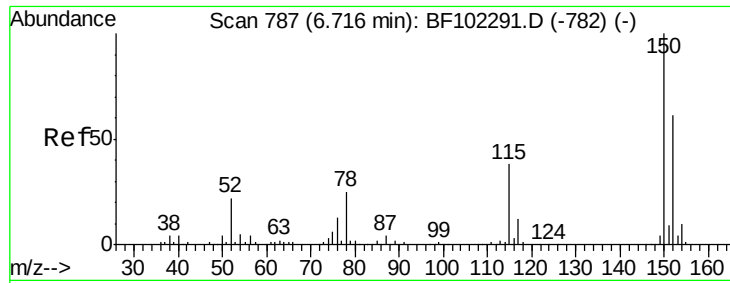
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	139894	29.057	nq	96
45) 1,1'-Biphenyl	9.17	154	658162	34.670	nq	98
46) 2-Chloronaphthalene	9.19	162	503543	34.125	nq	100
47) 2-Nitroaniline	9.30	65	162976	35.427	nq	96
48) Acenaphthylene	9.61	152	726070	31.584	nq	99
49) Dimethylphthalate	9.47	163	703232	40.073	nq	99
50) 2,6-Dinitrotoluene	9.55	165	113276	29.940	nq	89
51) Acenaphthene	9.78	154	438875	32.688	nq	100
52) 3-Nitroaniline	9.72	138	121908	27.237	nq	97
53) 2,4-Dinitrophenol	9.86	184	1912	4.770	nq	# 26
54) Dibenzofuran	9.95	168	622583	34.263	nq	97
55) 4-Nitrophenol	9.92	139	100829	34.127	nq	93
56) 2,4-Dinitrotoluene	9.95	165	131925	28.355	nq	# 74
57) Fluorene	10.29	166	481171	33.419	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	101539	29.539	nq	96
59) Diethylphthalate	10.16	149	541897	31.777	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	211922	33.948	nq	95
61) 4-Nitroaniline	10.33	138	134675	30.154	nq	92
62) Azobenzene	10.45	77	474295	30.378	nq	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	5689	2.676	nq	88
65) n-Nitrosodiphenylamine	10.40	169	411642	35.190	nq	98
66) 4-Bromophenyl-phenylether	10.77	248	120120	35.012	nq	90
67) Hexachlorobenzene	10.84	284	107973	28.140	nq	98
68) Atrazine	10.94	200	113796	32.938	nq	100
69) Pentachlorophenol	11.05	266	62351	30.934	nq	98
70) Phenanthrene	11.26	178	626155	33.716	nq	98
71) Anthracene	11.31	178	649791	34.279	nq	99
72) Carbazole	11.47	167	646864	34.979	nq	99
73) Di-n-butylphthalate	11.79	149	780326	33.757	nq	99
74) Fluoranthene	12.44	202	682414	36.033	nq	99
76) Benzidine	12.57	184	341701	37.874	nq	98
77) Pyrene	12.67	202	695449	33.492	nq	100
79) Butylbenzylphthalate	13.29	149	359838	34.822	nq	98
80) Benzo(a)anthracene	13.86	228	565058	34.174	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	177958	29.339	nq	97
82) Chrysene	13.90	228	542763	32.325	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	446556	32.156	nq	99
84) Di-n-octyl phthalate	14.45	149	798144	35.341	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	340116	24.527	nq	96
87) Benzo(b)fluoranthene	14.89	252	421993	33.668	nq	98
88) Benzo(k)fluoranthene	14.92	252	432337	36.509	nq	97
89) Benzo(a)pyrene	15.24	252	381202	33.722	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	289631	31.630	nq	95
91) Benzo(g,h,i)perylene	17.13	276	286196	31.654	nq	96

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



#1

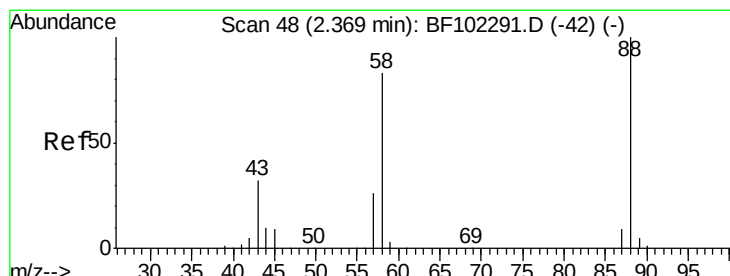
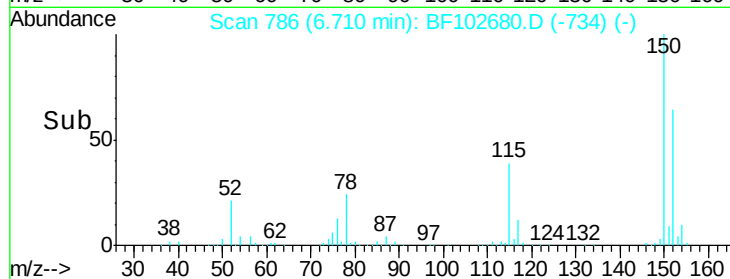
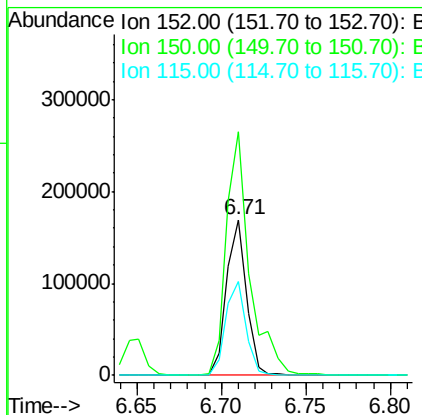
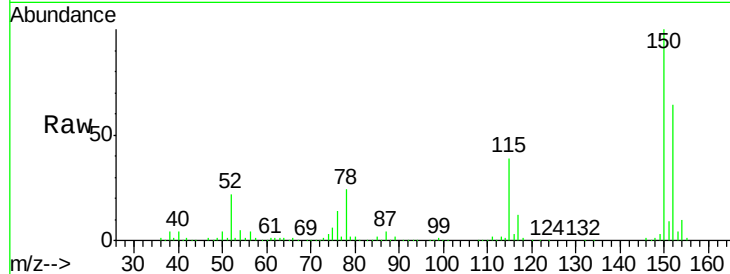
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.5	50.1	75.1

Manual Integrations
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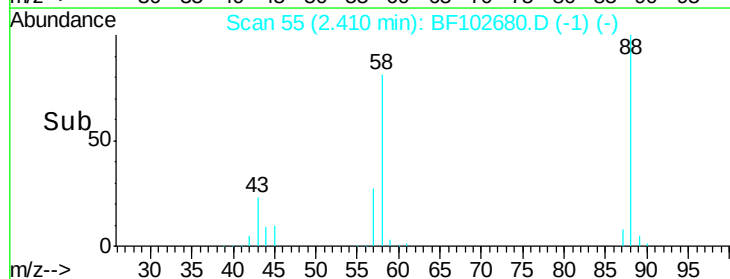
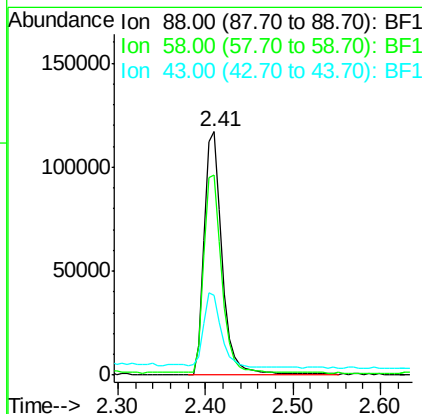
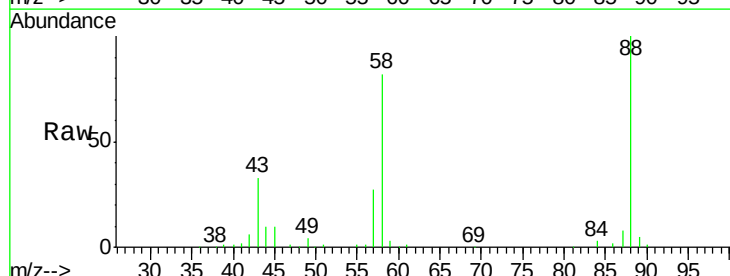
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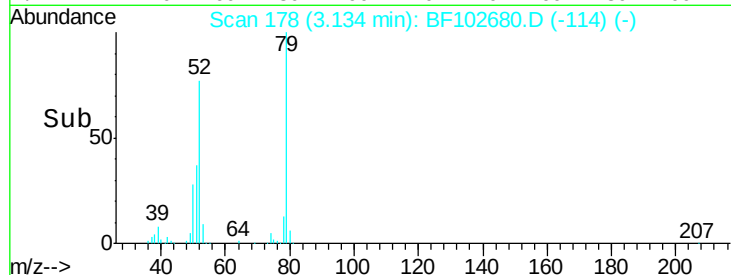
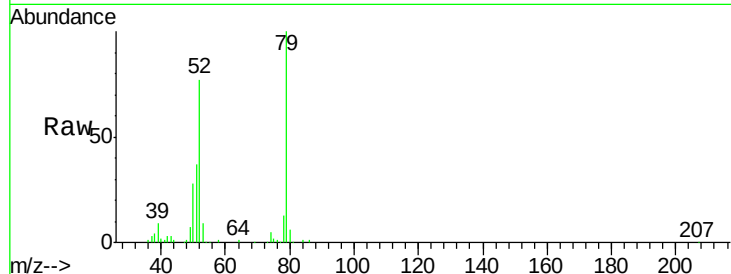
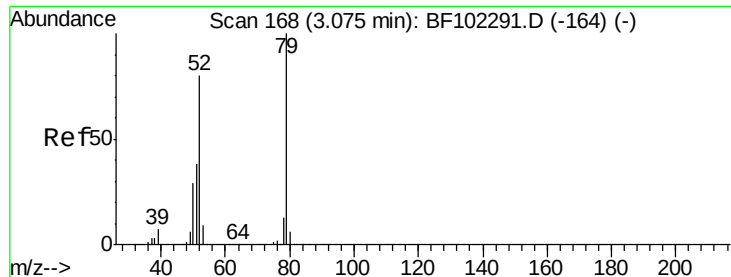


#2

1,4-Dioxane
Concen: 38.785 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.05 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	62.6	93.8
43	29.5	24.6	37.0





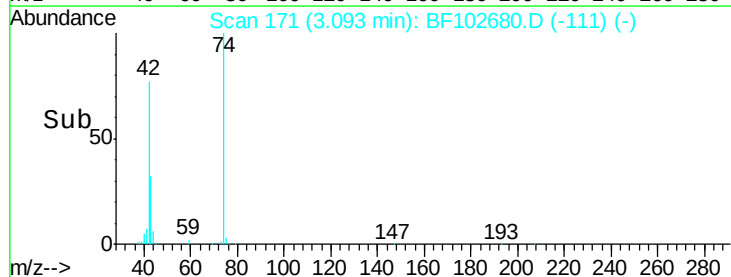
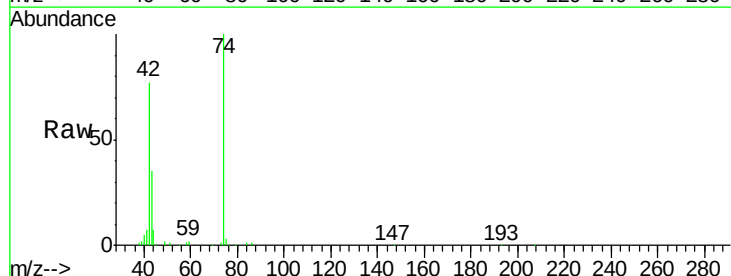
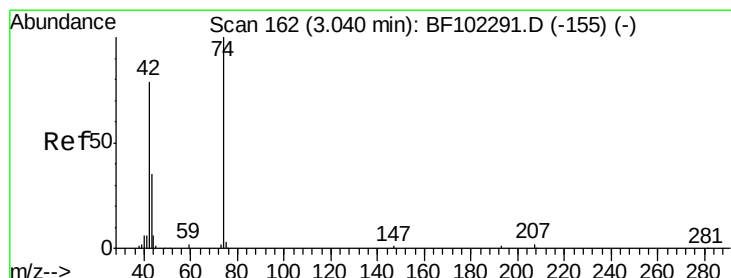
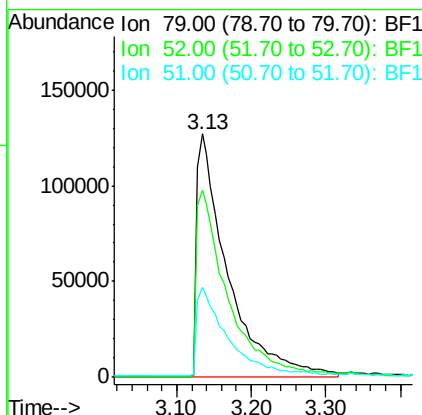
#3
 Pvridine
 Concen: 32.297 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.08 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	368143		
52	52	76.7		59.8	89.6
51	51	37.1		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

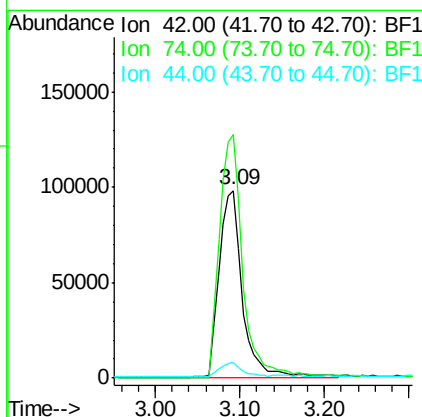
Manual Integrations
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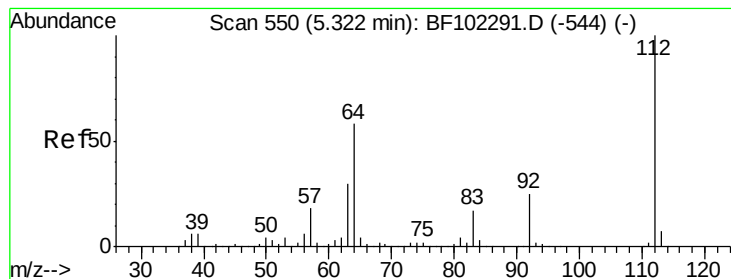
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#4
 n-Nitrosodimethylamine
 Concen: 42.294 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.05 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	189001		
74	74	129.6		104.9	157.3
44	44	8.6		6.9	10.3





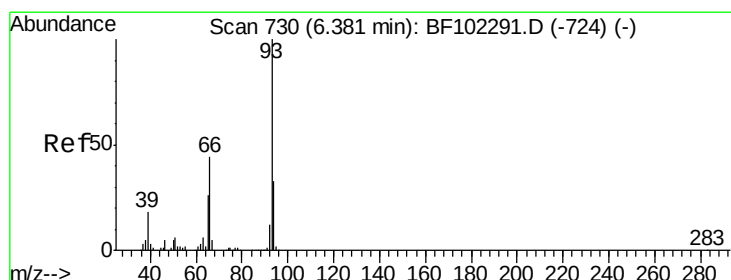
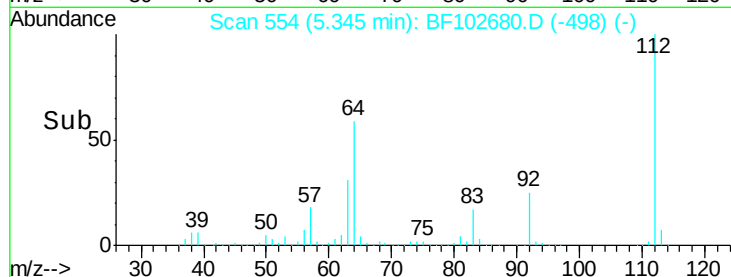
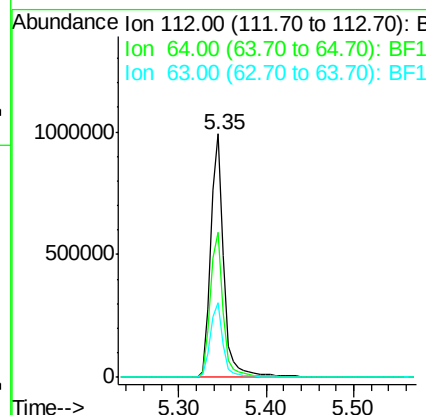
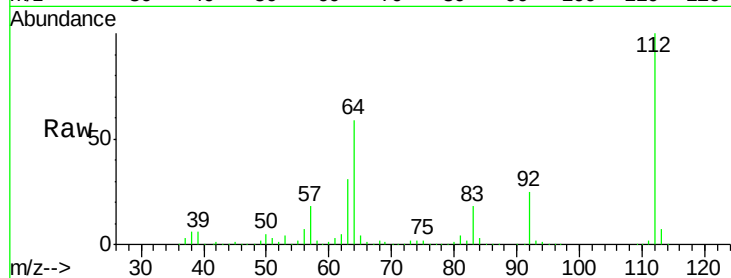
#5
 2-Fluorophenol
 Concen: 112.997 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.03 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.7	23.7	35.5

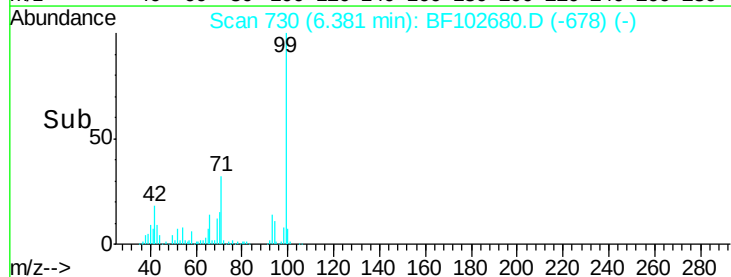
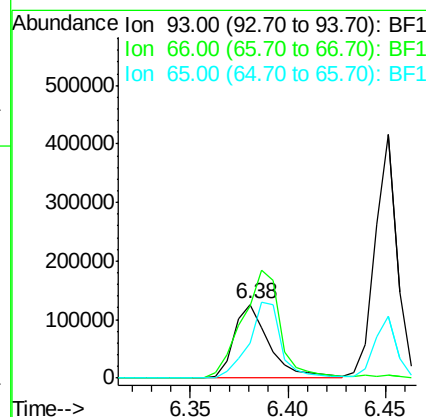
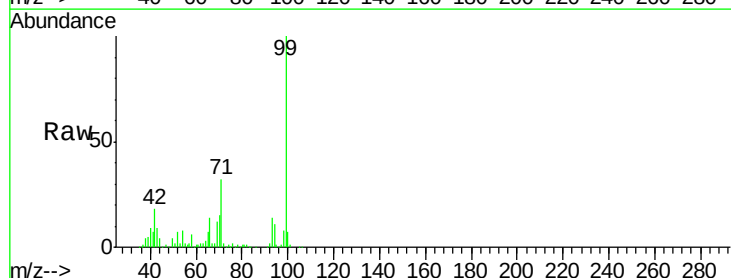
Manual Integrations
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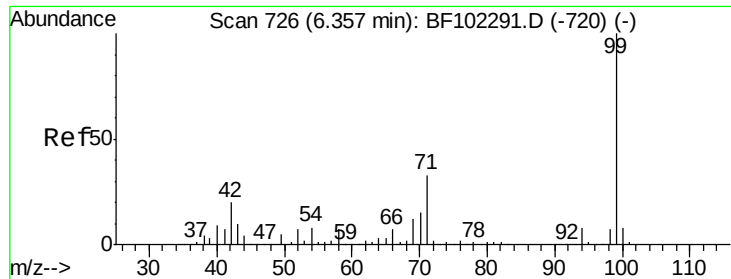
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#6
 Aniline
 Concen: 10.725 ng
 RT: 6.38 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
93	100		
66	98.0	32.2	48.2#
65	47.3	16.4	24.6#





#7

Phenol-d6

Concen: 96.906 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion: 99 Resp: 1072526

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

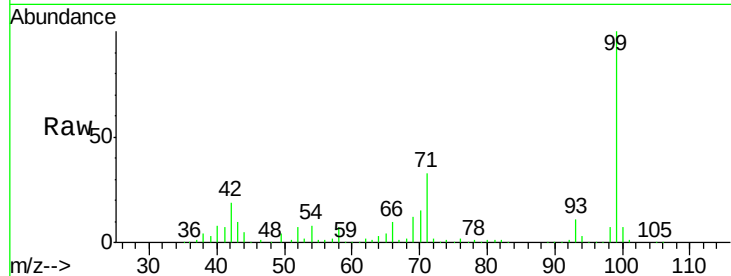
71 33.2 25.4 38.0

Manual Integrations

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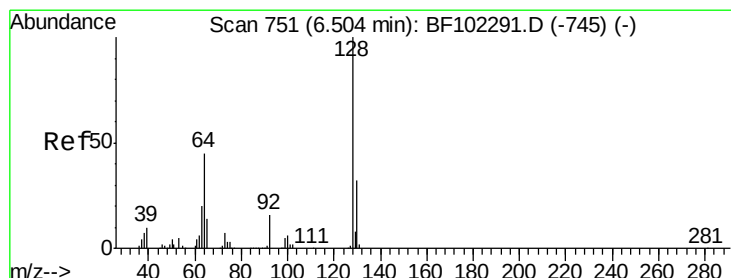
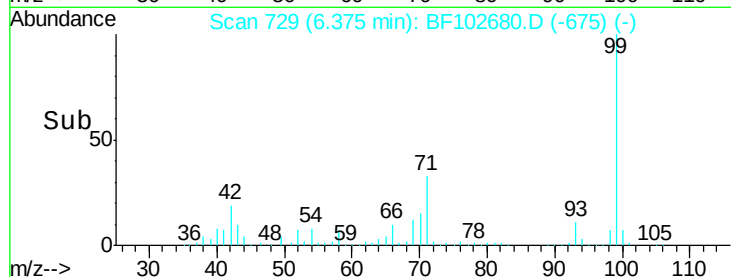
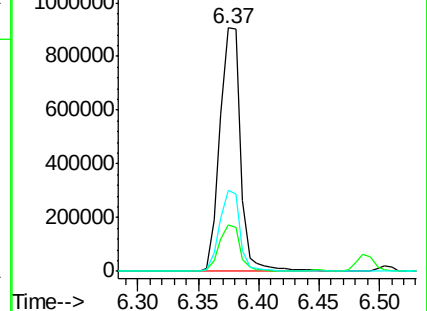
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.498 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

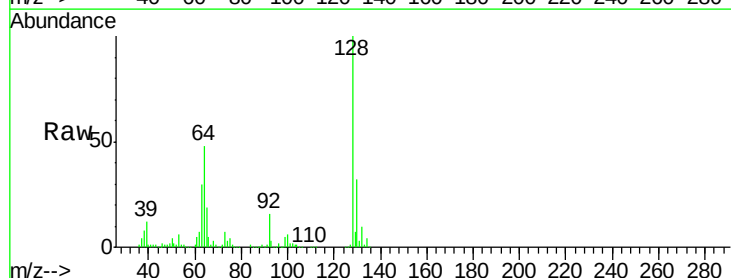
Tgt Ion: 128 Resp: 331991

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

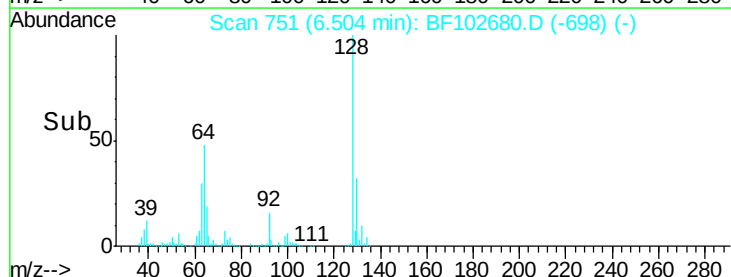
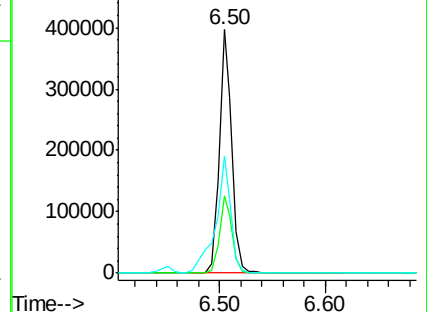
64 48.2 29.4 69.4

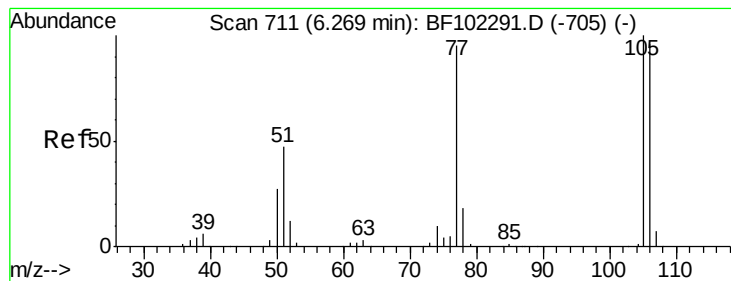


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.229 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

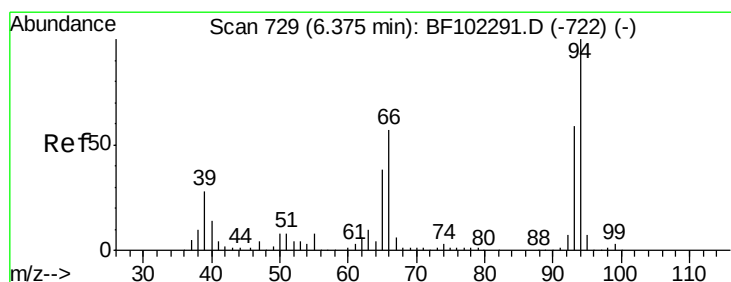
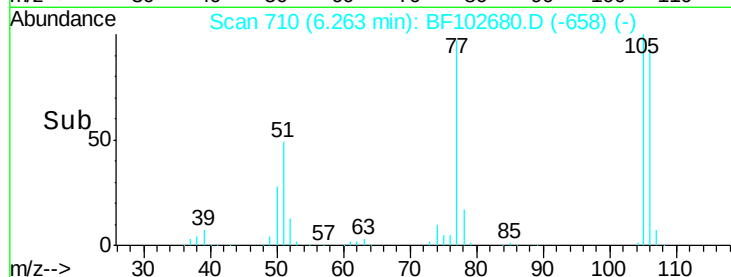
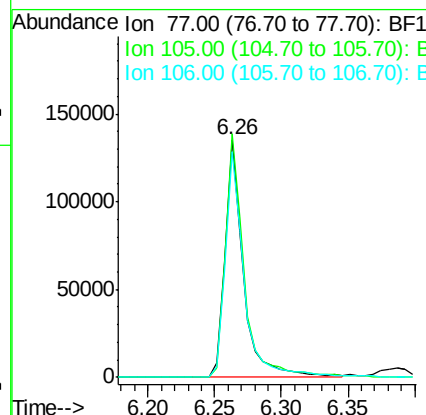
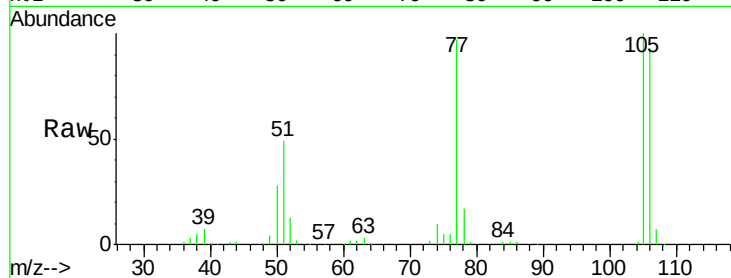
ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:	77	Resp:	132616
Ion Ratio	Lower	Upper	
77	100		
105	102.6	81.1	121.1
106	95.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 34.881 ng

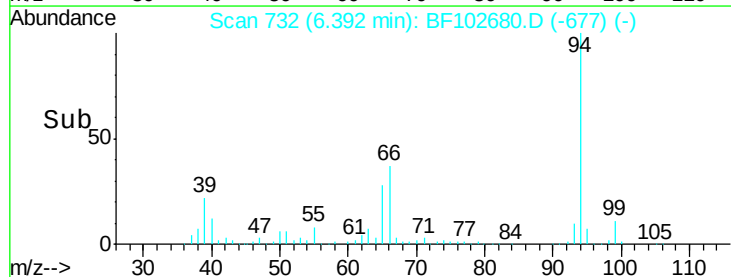
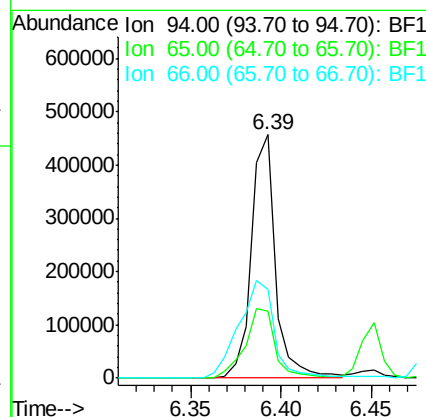
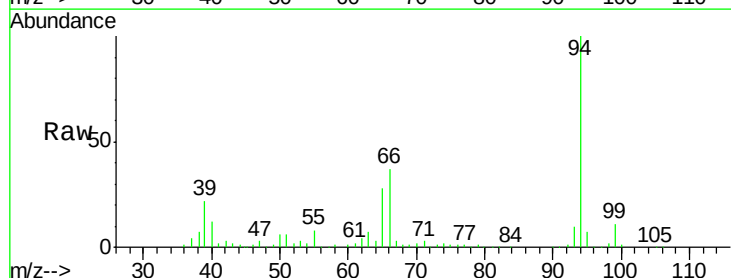
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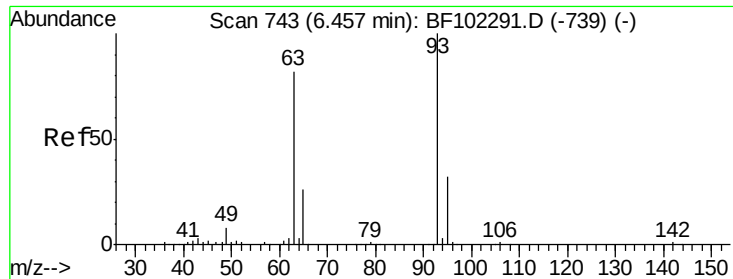
Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:	94	Resp:	421466
Ion Ratio	Lower	Upper	
94	100		
65	27.5	7.9	47.9
66	36.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 34.701 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

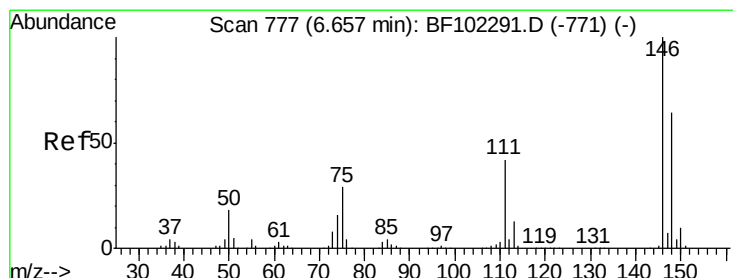
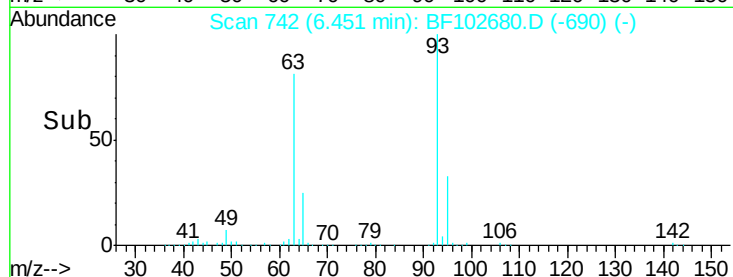
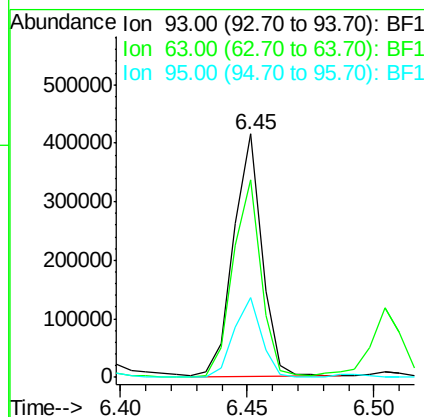
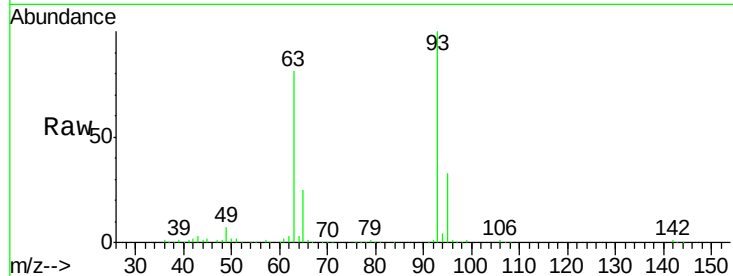
ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:	93	Resp:	318894
Ion Ratio	Lower	Upper	
93	100		
63	81.0	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 31.549 ng

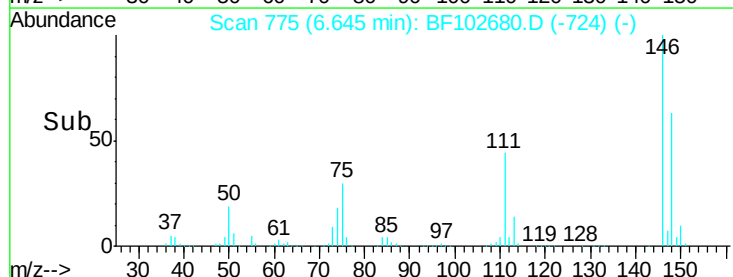
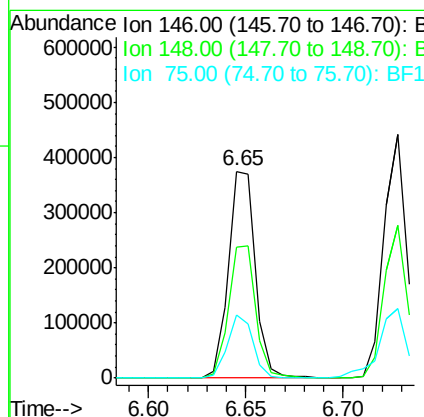
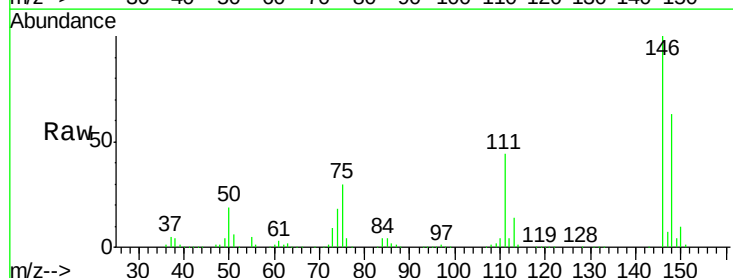
RT: 6.65 min Scan# 775

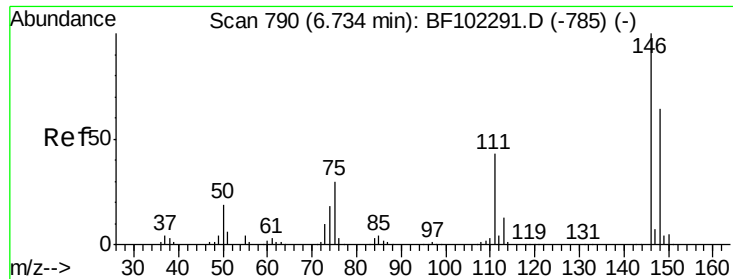
Delta R.T. 0.00 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:	146	Resp:	361079
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.8
75	30.5	24.2	36.4





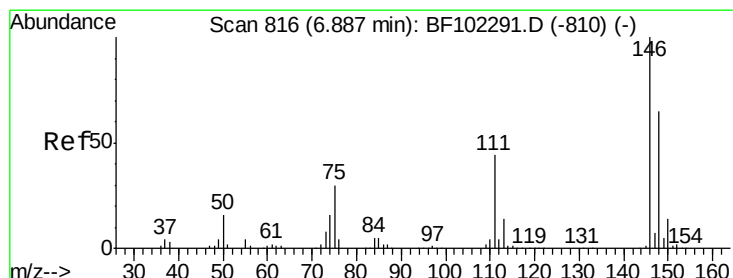
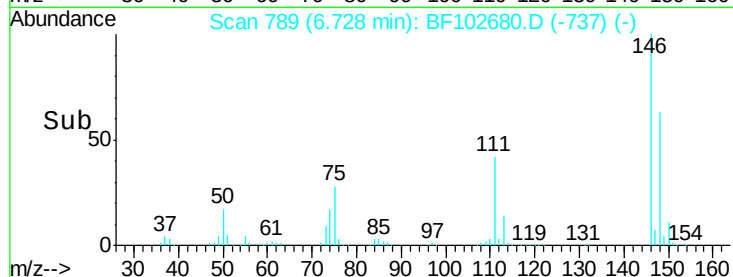
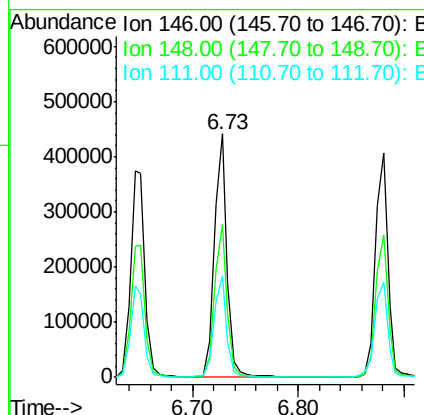
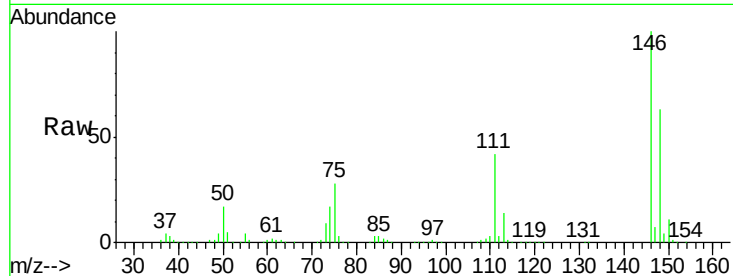
#13
 1,4-Dichlorobenzene
 Concen: 32.684 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	41.8	34.2	51.2

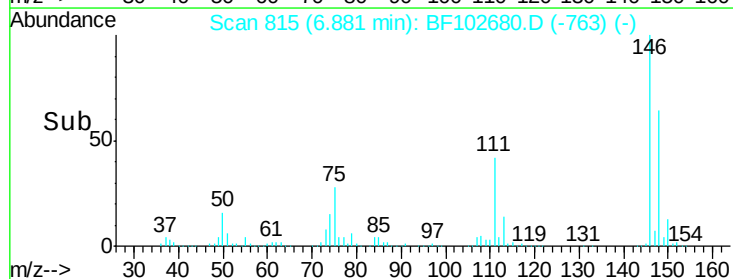
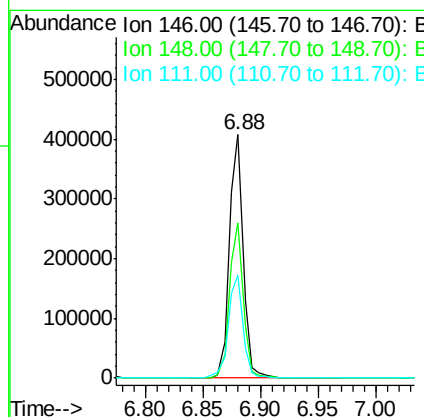
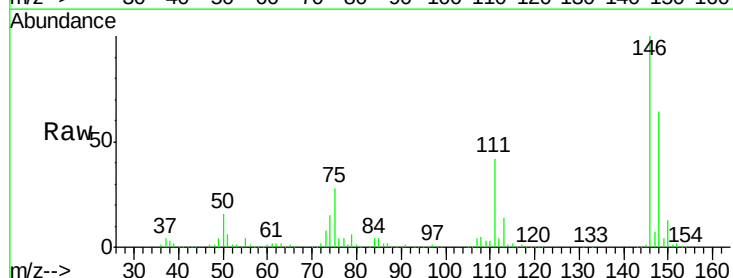
Manual Integrations
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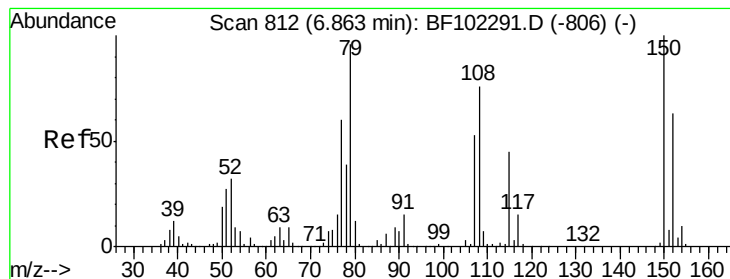
Sohil
 2/1/2018 12:14:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.288 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	42.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 30.612 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

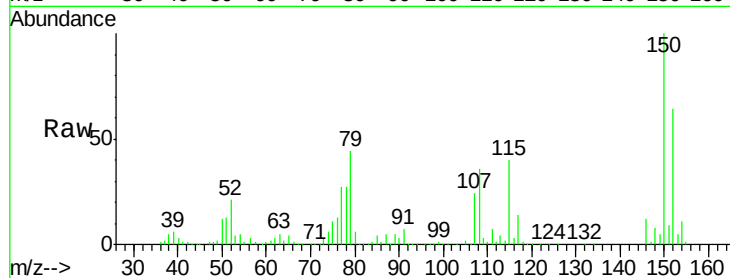
ClientSampleId :

EPE-106-5(120-122)MS

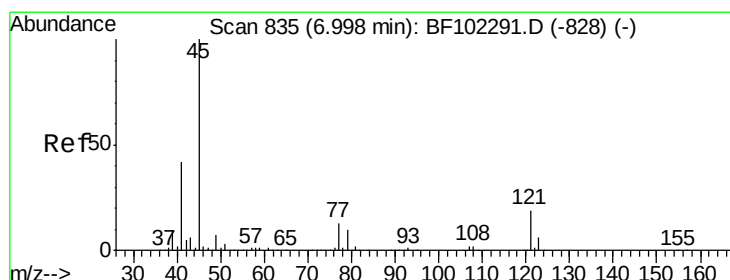
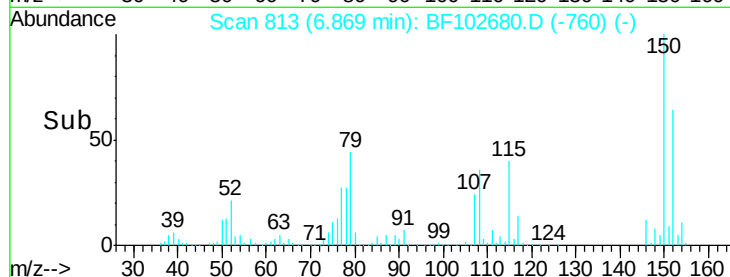
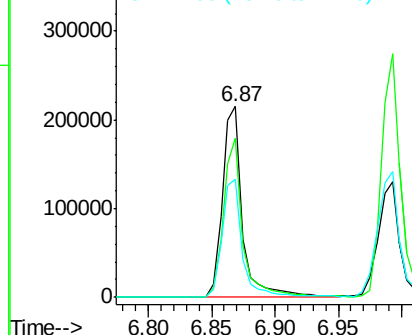
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	65.1	97.7
77	62.0	50.6	75.8

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.647 ng

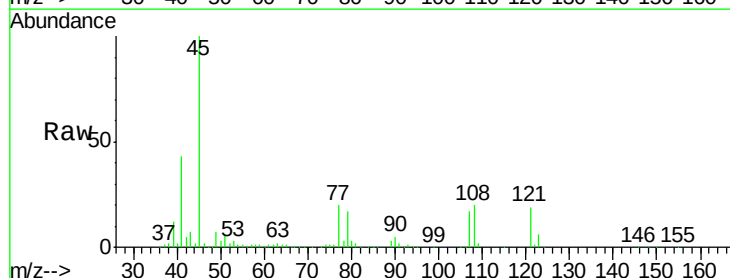
RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

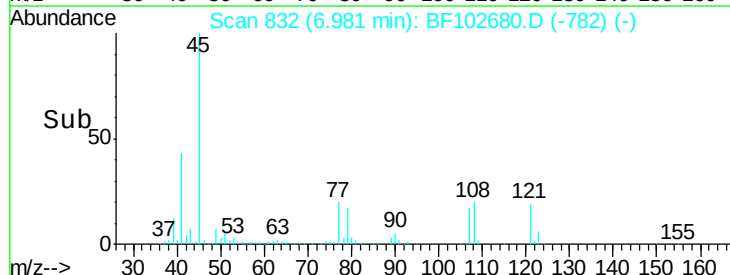
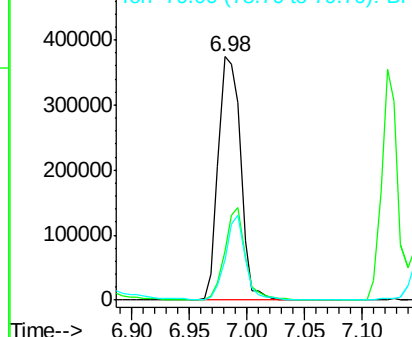
Lab File: BF102680.D

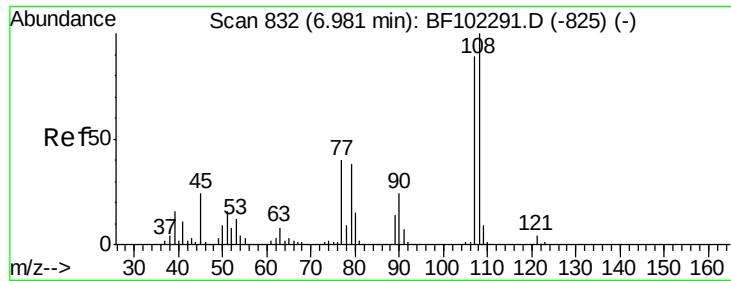
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.1	0.0	32.9
79	16.6	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 30.773 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:107 Resp: 257194
Ion Ratio Lower Upper

107 100

108 110.8 91.7 137.5

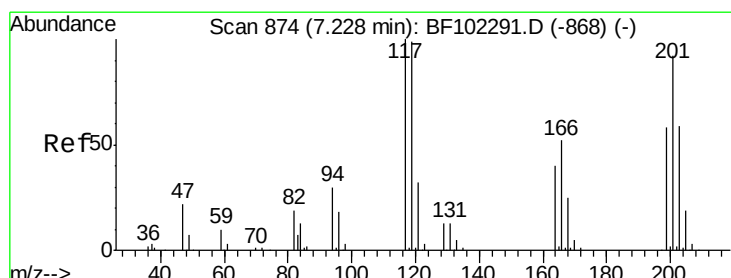
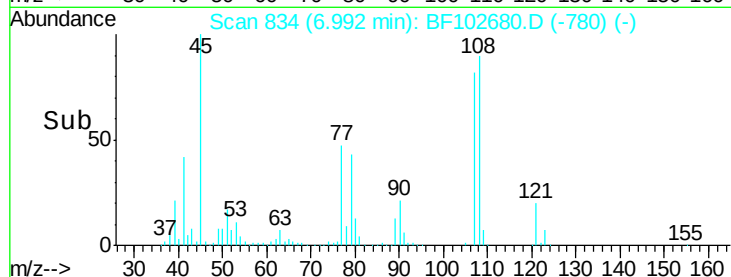
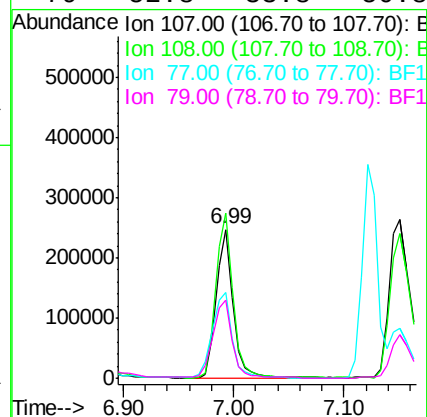
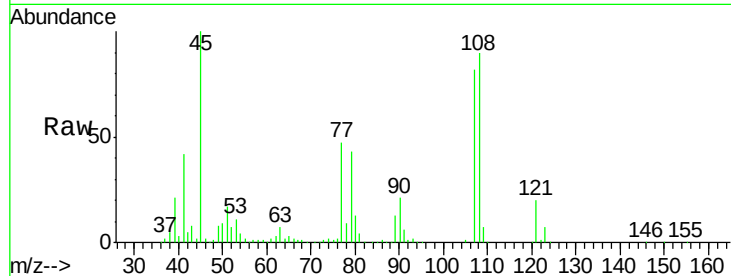
77 57.2 33.8 50.8#

79 52.8 33.8 50.8#

Manual Integrations
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#18

Hexachloroethane

Concen: 23.682 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF102680.D

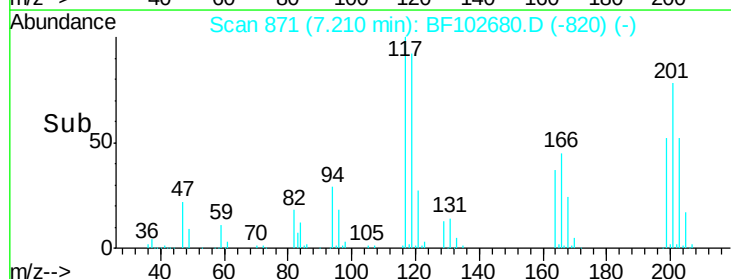
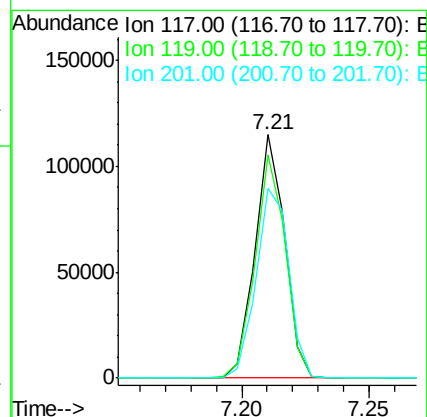
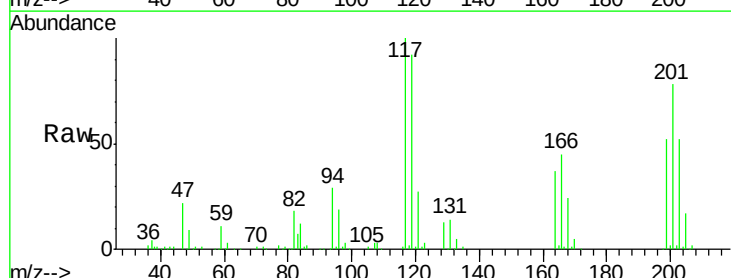
Acq: 1 Feb 2018 2:50

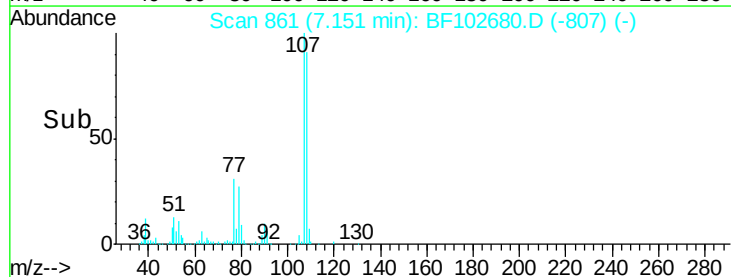
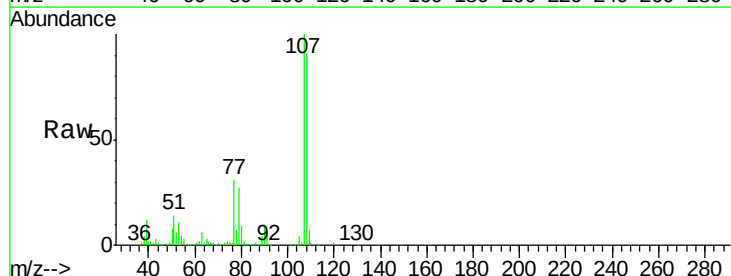
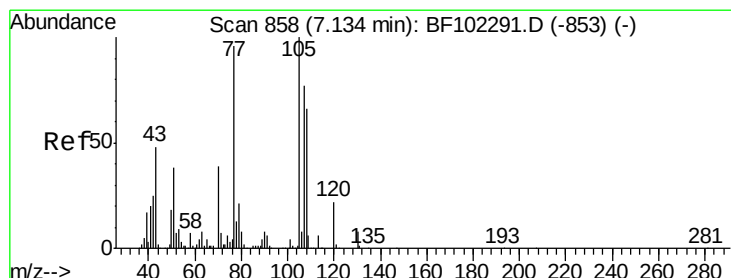
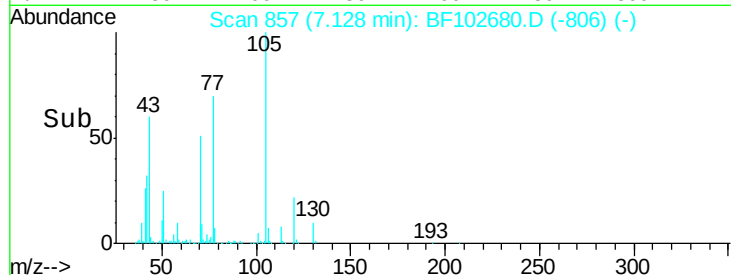
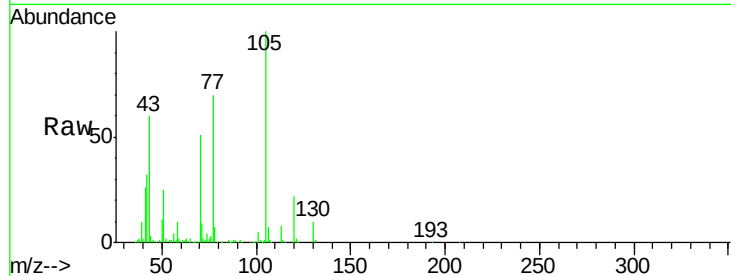
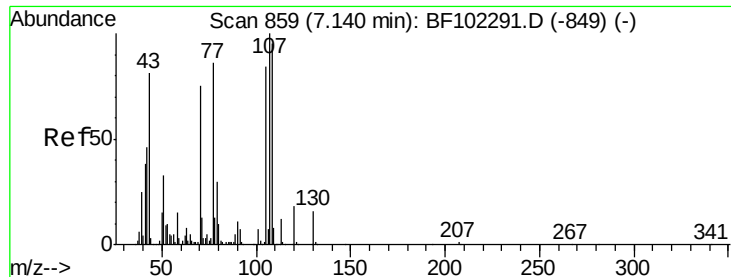
Tgt Ion:117 Resp: 94612
Ion Ratio Lower Upper

117 100

119 91.5 75.8 113.8

201 77.8 75.7 113.5





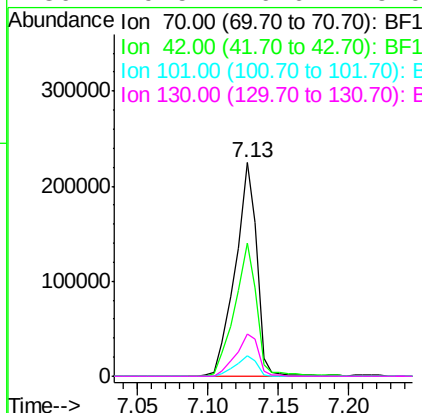
#19
n-Nitroso-di-n-propylamine
Concen: 35.425 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	47.5	71.3
101	9.8	7.4	11.2
130	19.5	16.6	25.0

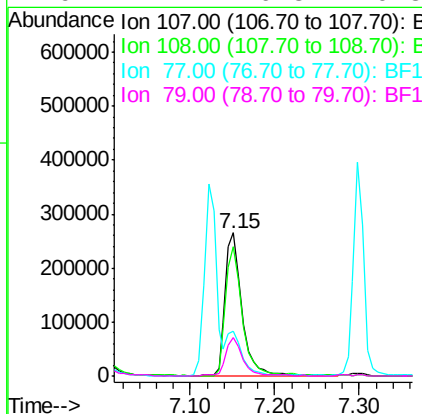
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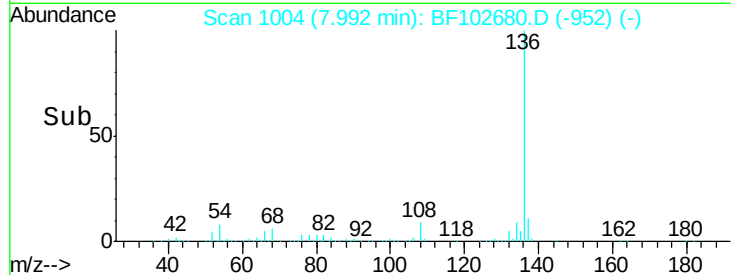
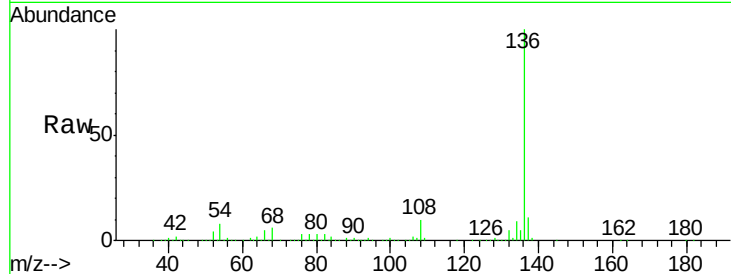
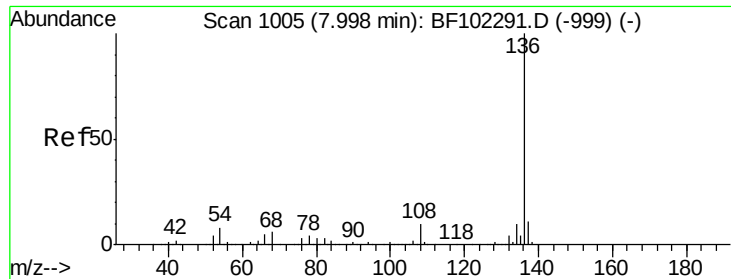
Sohil
2/1/2018 12:14:40 PM



#20
3+4-Methylphenols
Concen: 37.078 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	31.3	26.7	66.7
79	27.1	6.3	46.3





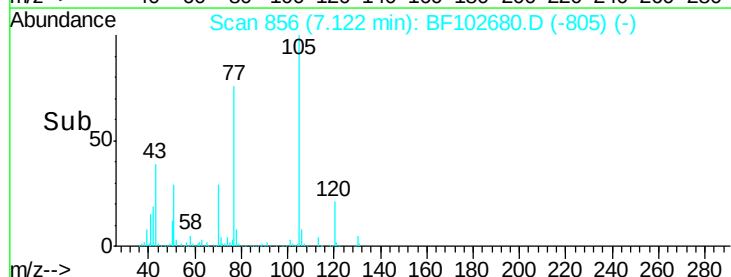
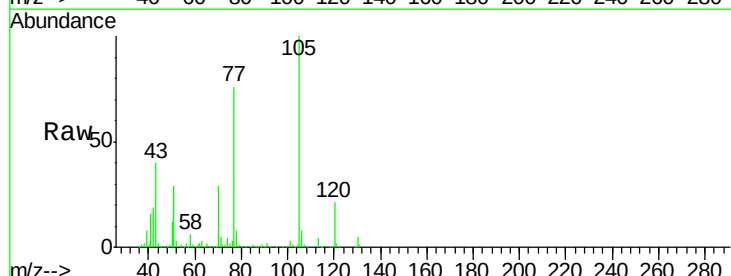
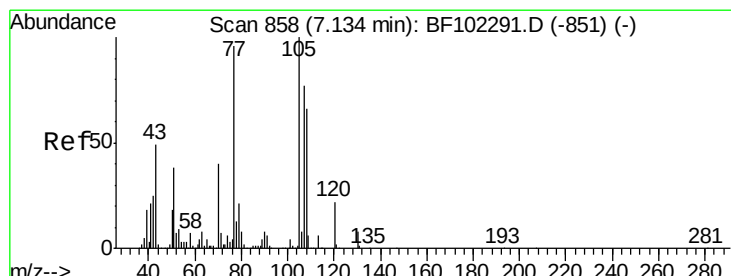
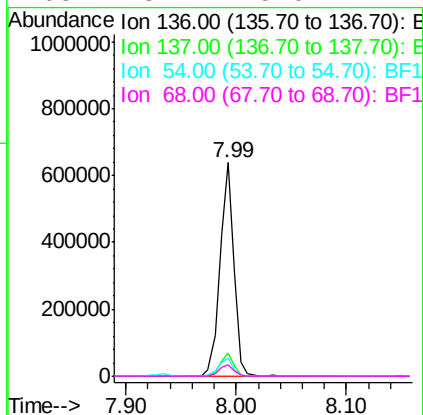
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		557771		
137	10.9	8.9	13.3		
54	8.2	6.6	9.8		
68	5.7	5.0	7.4		

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

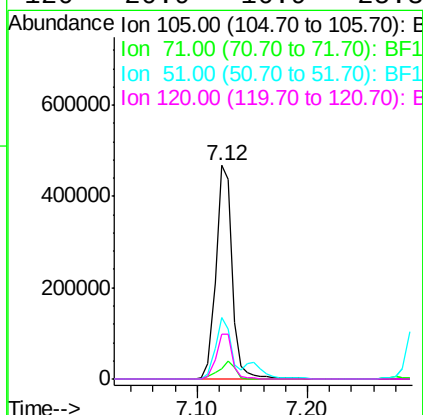
Manual Integrations
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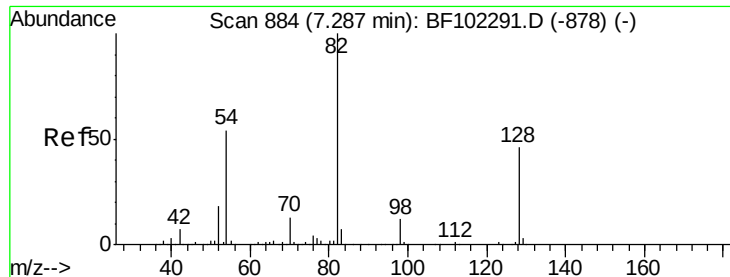
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#22
Acetophenone
Concen: 36.028 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		479040		
71	4.5	4.4	6.6		
51	29.0	22.3	33.5		
120	20.9	16.9	25.3		





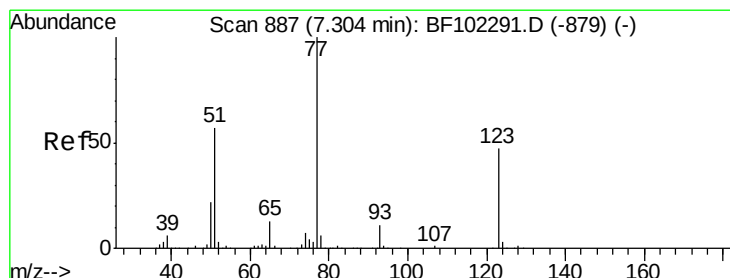
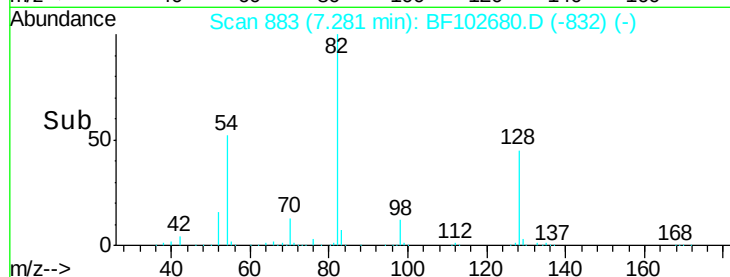
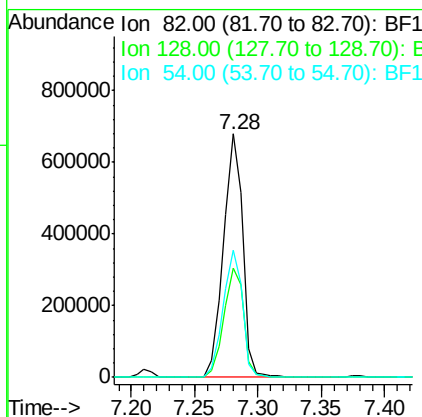
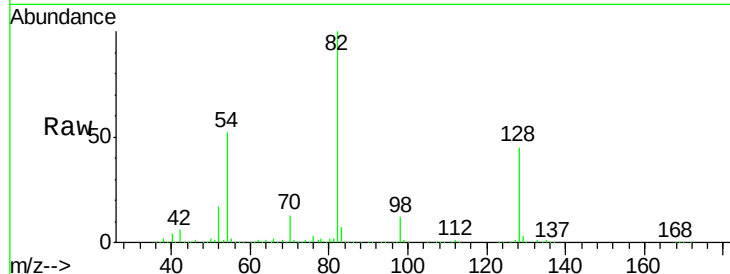
#23
 Nitrobenzene-d5
 Concen: 74.191 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	720097		
128	45.1	36.1	54.1	
54	52.3	41.4	62.2	

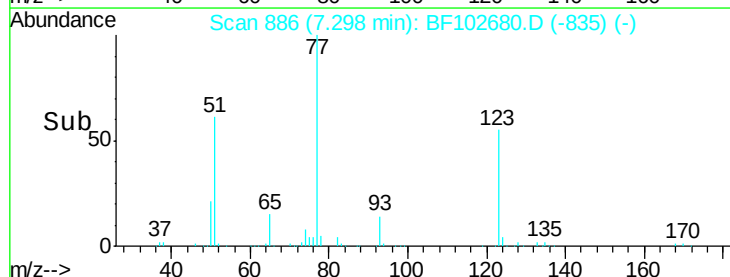
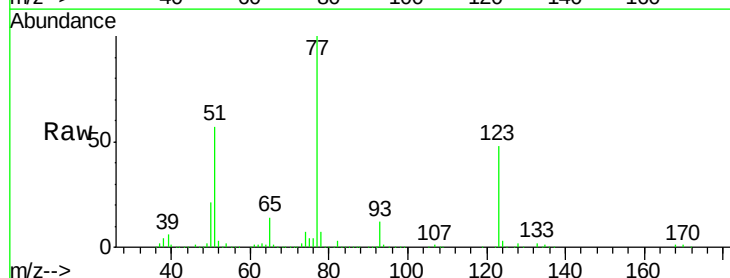
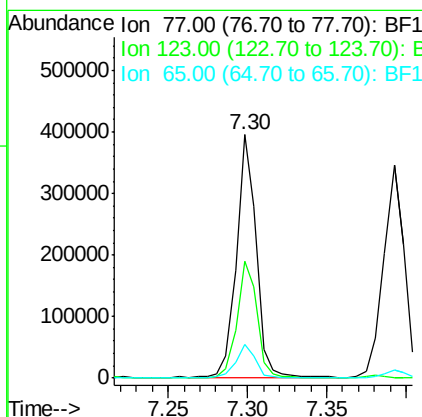
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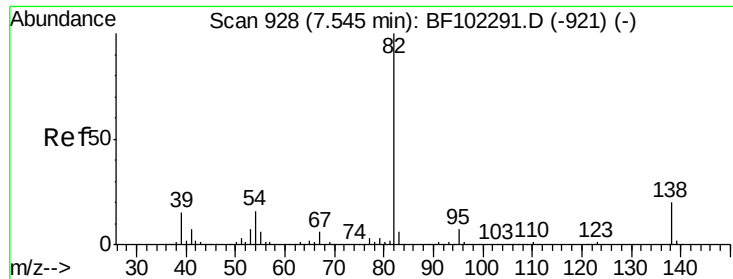
Sohil
 2/1/2018 12:14:40 PM



#24
 Nitrobenzene
 Concen: 34.325 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	340941		
123	48.0	37.9	56.9	
65	13.7	11.0	16.4	





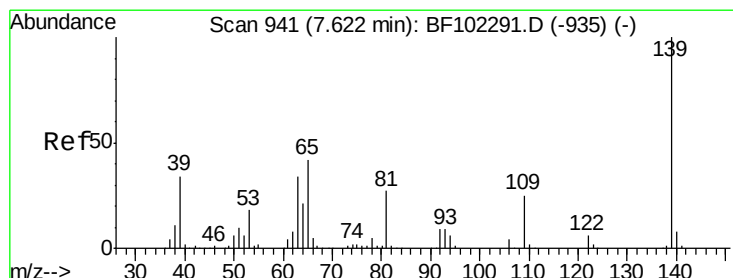
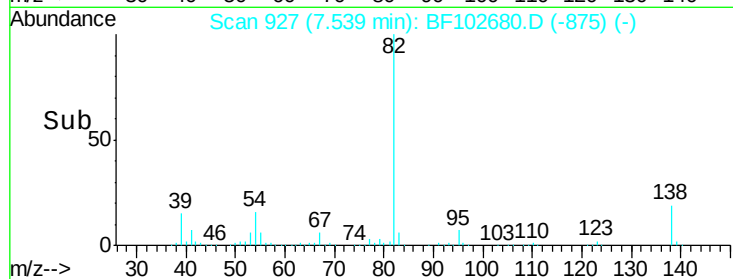
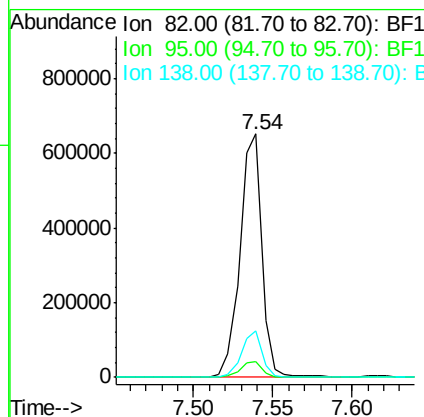
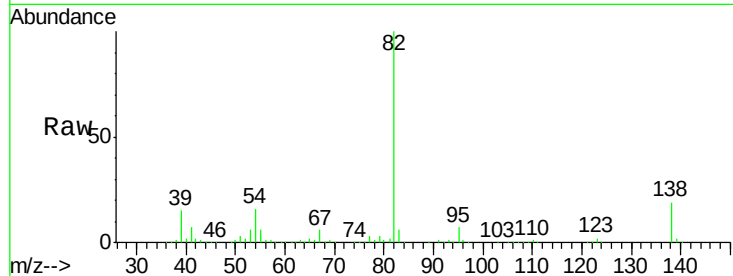
#25
Isophorone
Concen: 36.051 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	82	Resp	623804
Ion Ratio	100	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	19.3	14.9	22.3

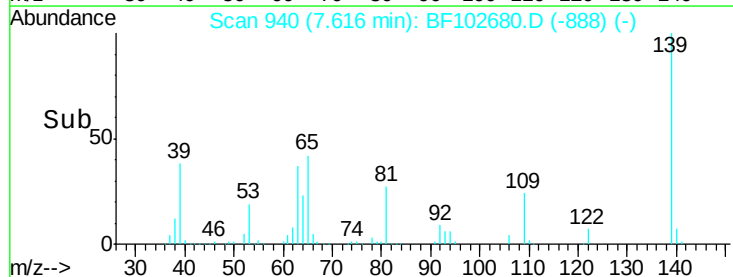
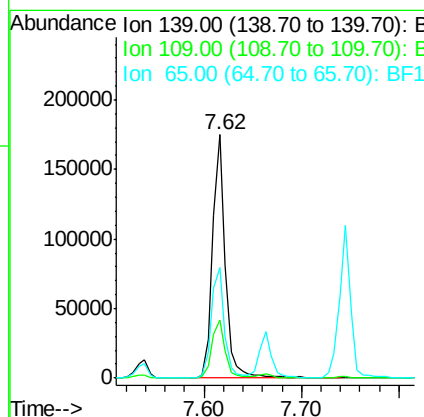
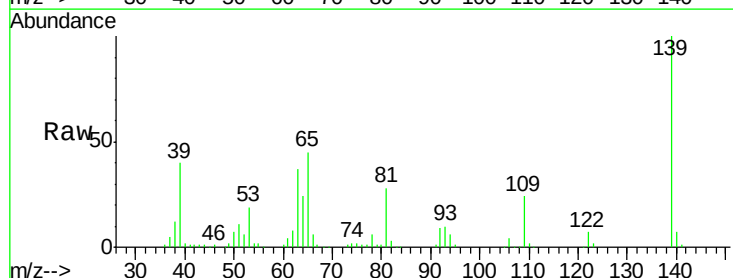
Manual Integrations
APPROVED

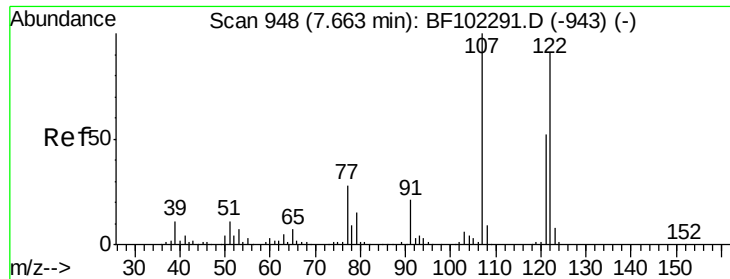
Sohil
2/1/2018 12:14:40 PM



#26
2-Nitrophenol
Concen: 30.564 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	139	Resp	159781
Ion Ratio	100	Lower	Upper
139	100		
109	24.0	22.7	34.1
65	45.2	40.5	60.7





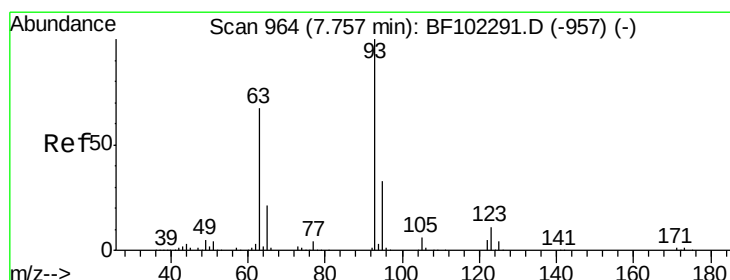
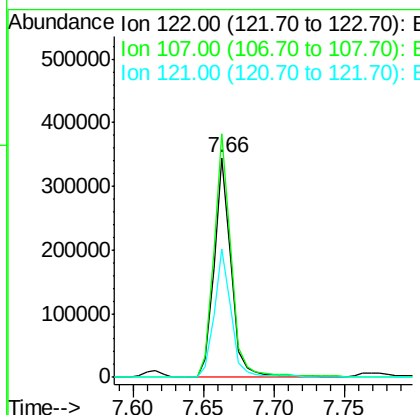
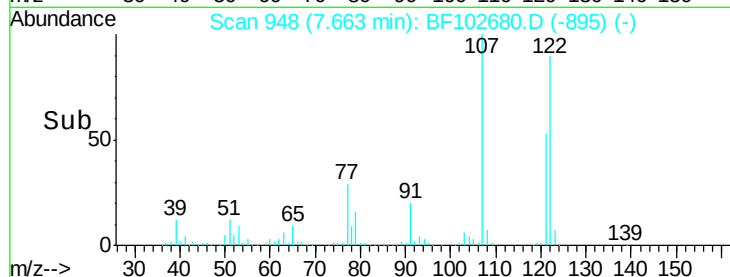
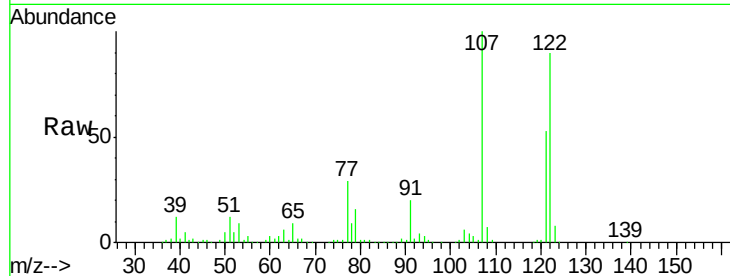
#27
2,4-Dimethylphenol
Concen: 38.343 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	58.8	47.2	70.8

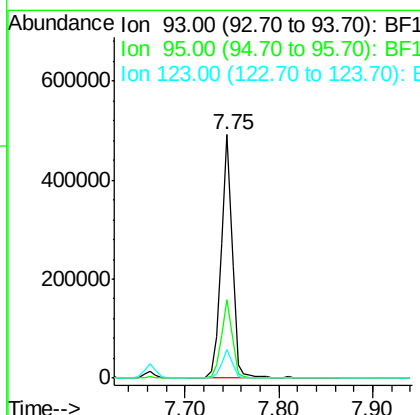
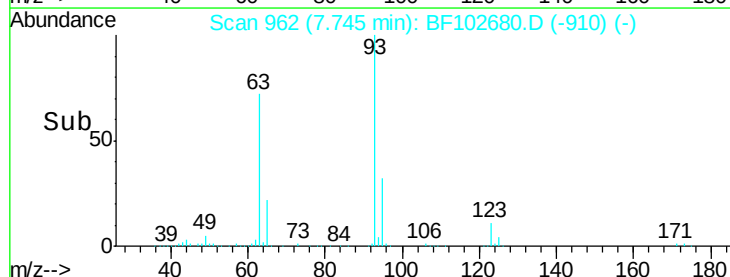
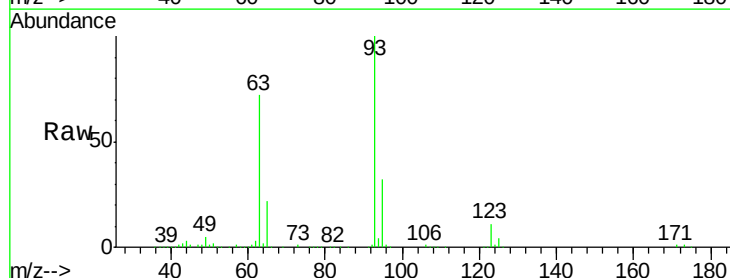
Manual Integrations
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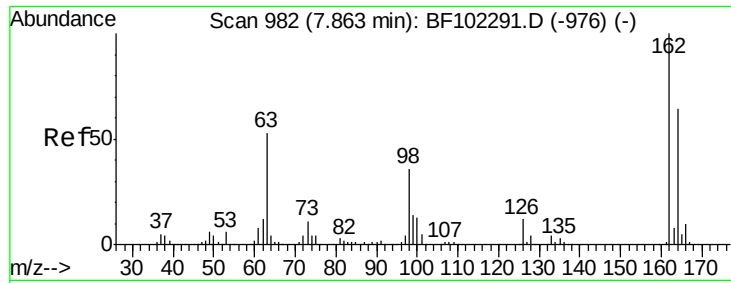
Sohil
2/1/2018 12:14:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.267 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.5	9.8	14.6





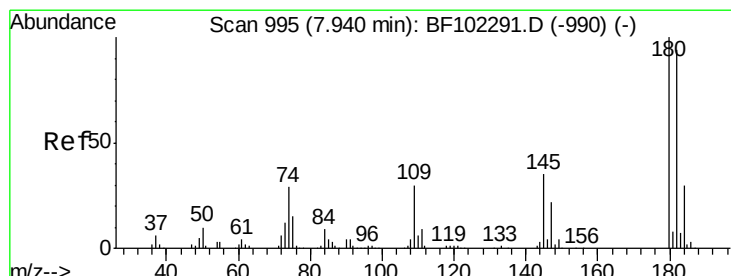
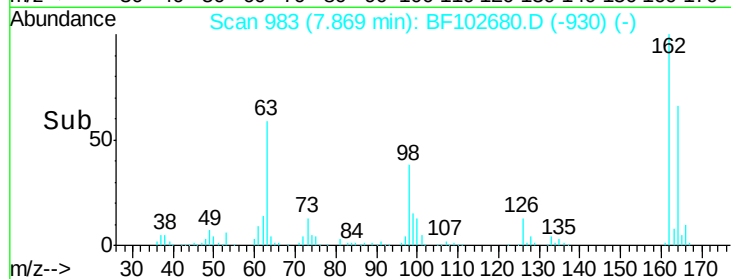
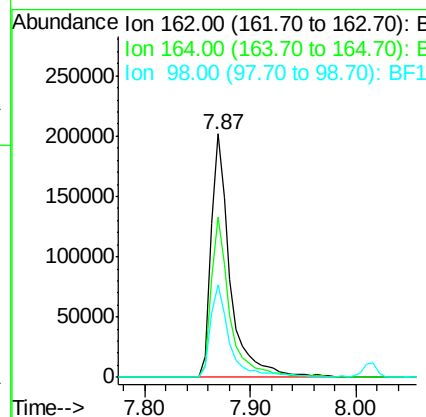
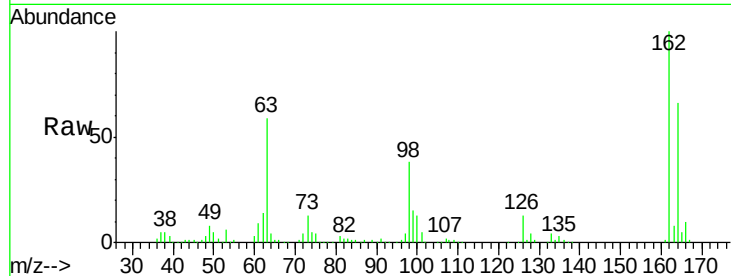
#29
2,4-Dichlorophenol
Concen: 33.054 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	255582		
164	65.8	42.7	82.7	
98	38.3	18.1	58.1	

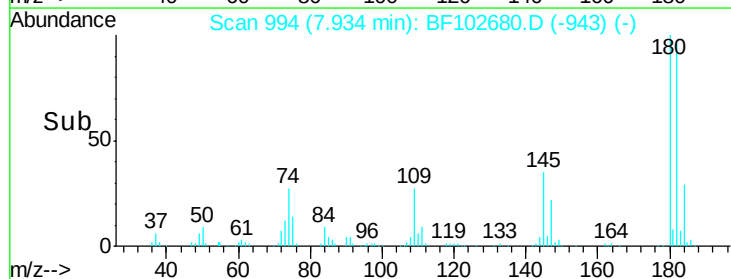
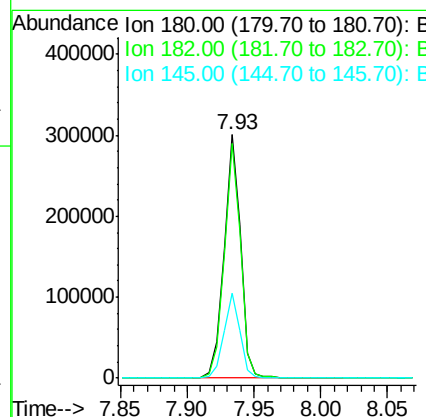
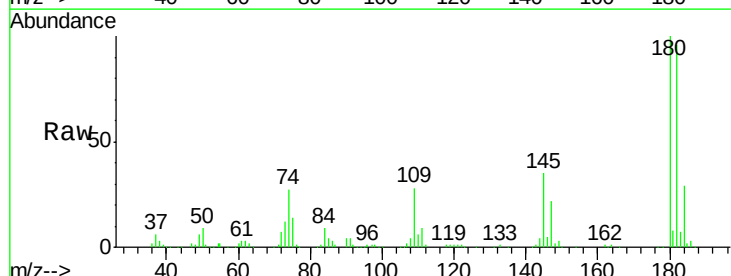
Manual Integrations
APPROVED

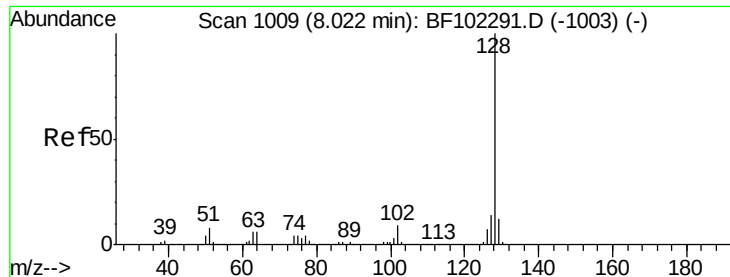
Sohil
2/1/2018 12:14:40 PM



#30
1,2,4-Trichlorobenzene
Concen: 31.788 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263479		
182	96.1	76.8	115.2	
145	35.1	26.5	39.7	





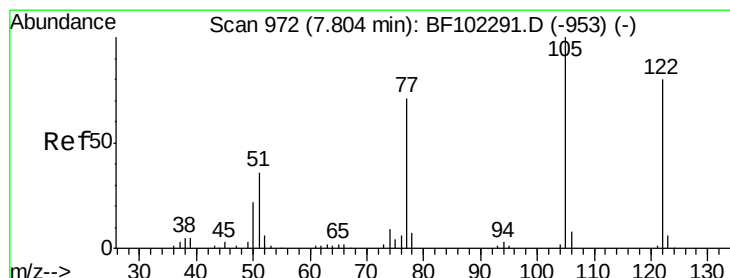
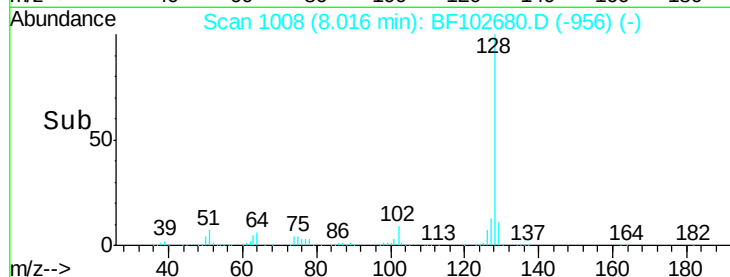
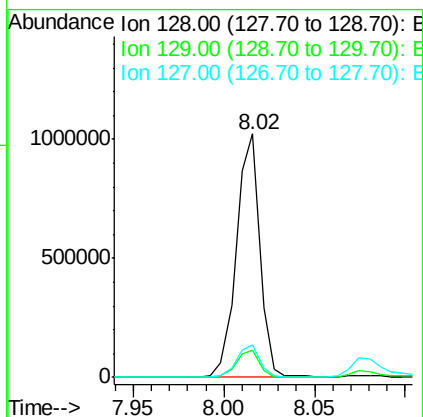
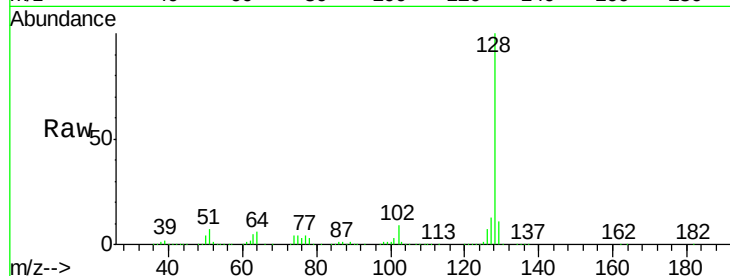
#31
Naphthalene
Concen: 33.131 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3

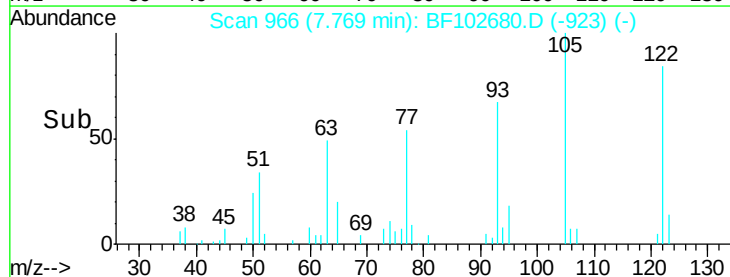
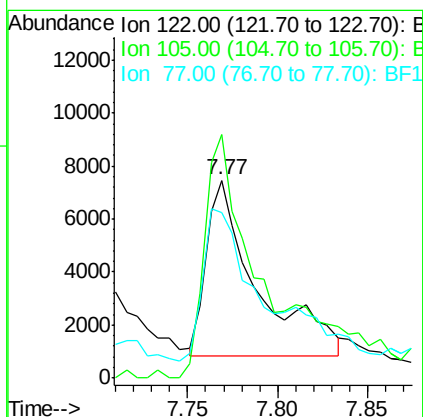
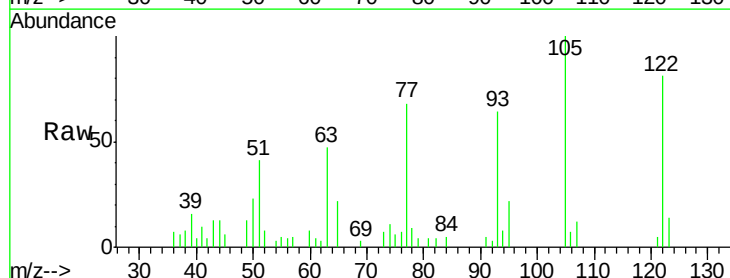
Manual Integrations
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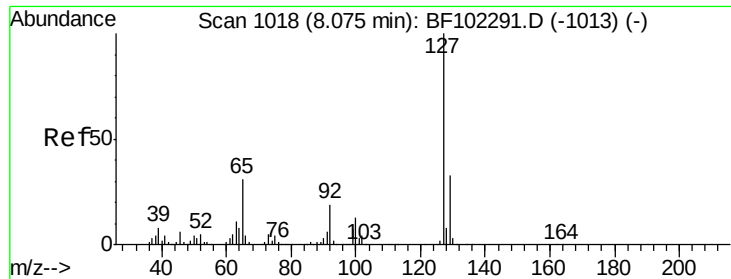
Sohil
2/1/2018 12:14:40 PM



#32
Benzoic acid
Concen: 2.038 ng m
RT: 7.77 min Scan# 966
Delta R.T. -0.05 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	101.1	141.1
77	83.3	70.7	110.7





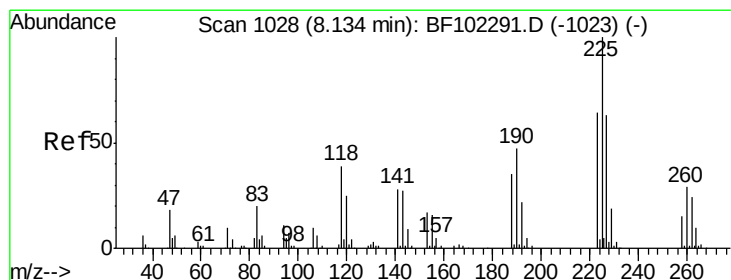
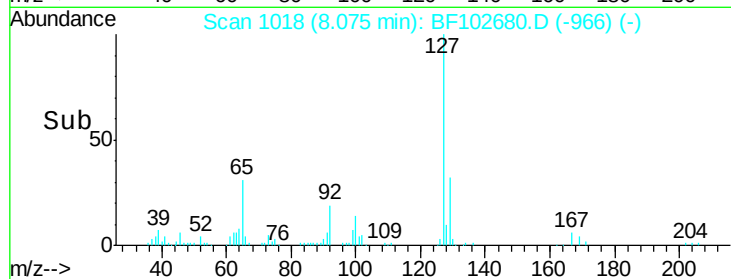
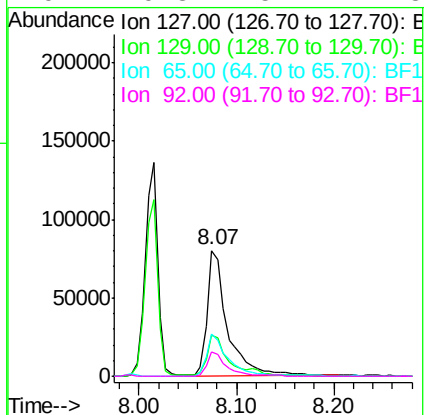
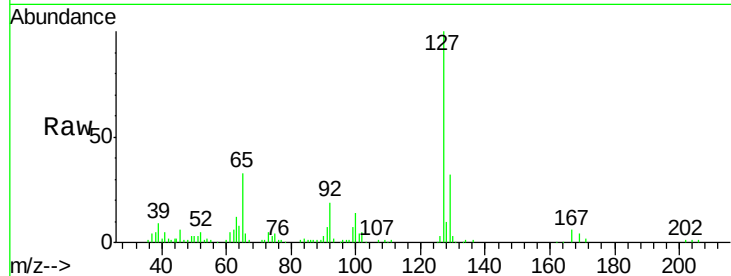
#33
4-Chloroaniline
Concen: 9.838 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4		25.9	38.9	
65	33.3		25.0	37.4	
92	19.3		15.2	22.8	

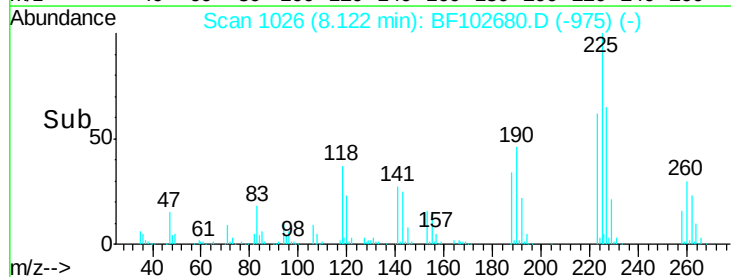
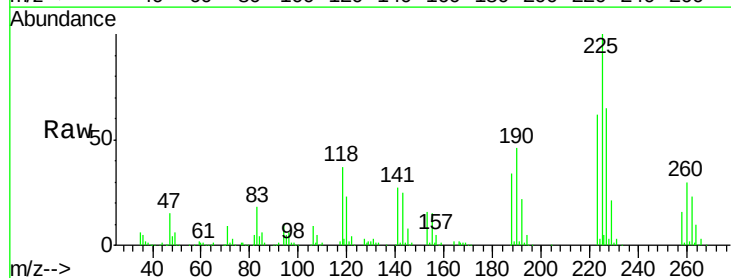
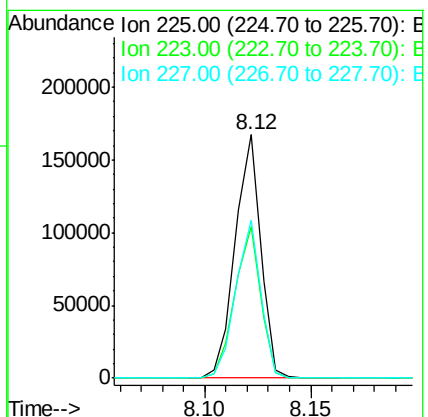
Manual Integrations
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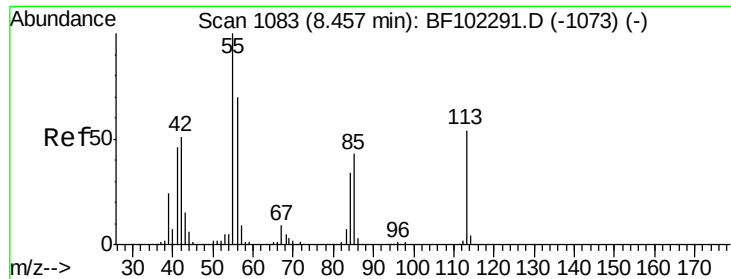
Sohil
2/1/2018 12:14:40 PM



#34
Hexachlorobutadiene
Concen: 31.540 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0		50.6	76.0	
227	64.7		51.9	77.9	





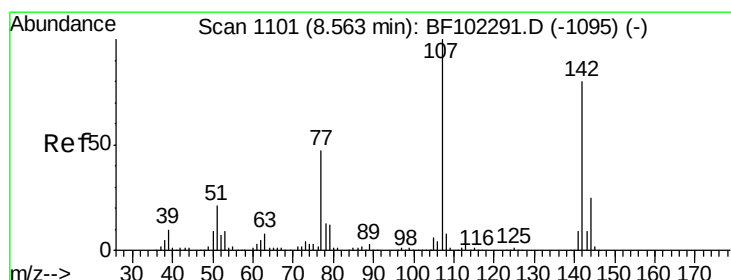
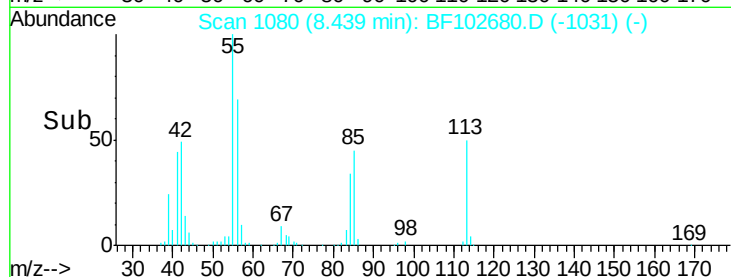
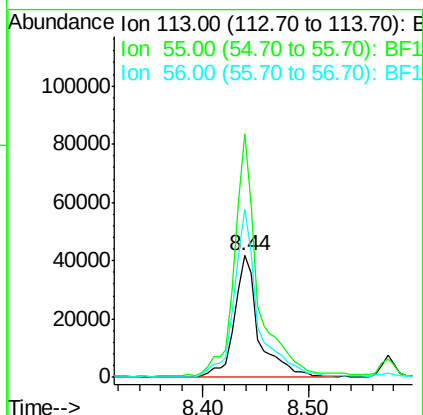
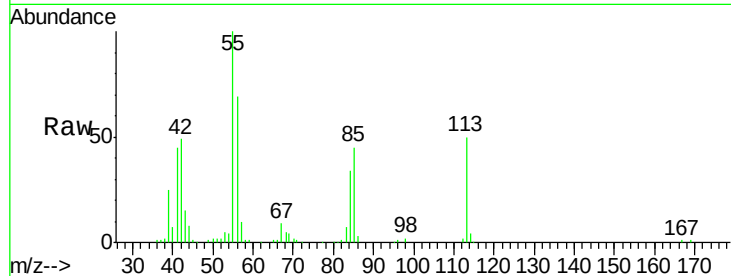
#35
 Caprolactam
 Concen: 26.264 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion:113 Resp: 67070
 Ion Ratio Lower Upper
 113 100
 55 199.6 163.3 203.3
 56 138.1 115.7 155.7

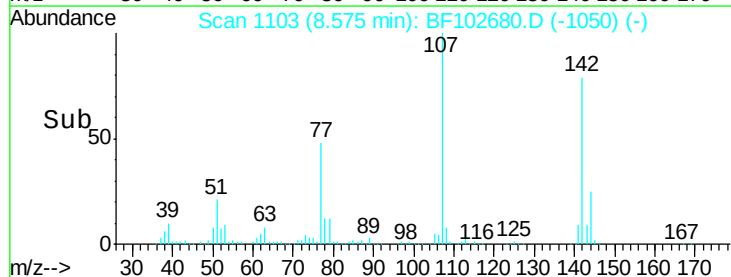
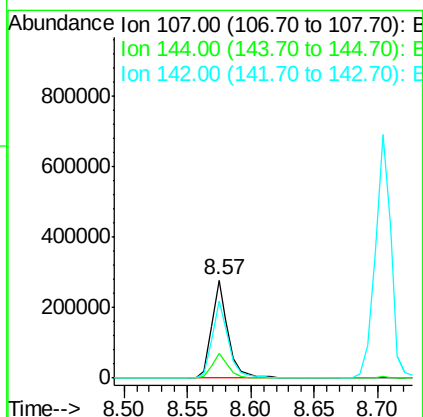
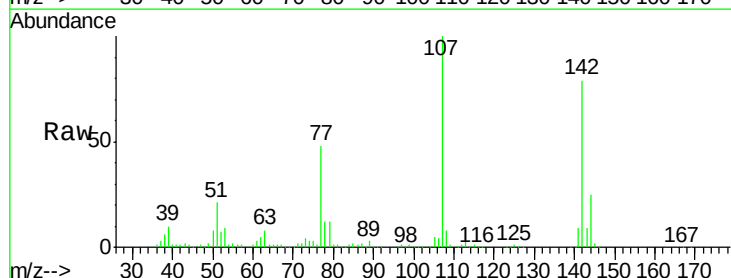
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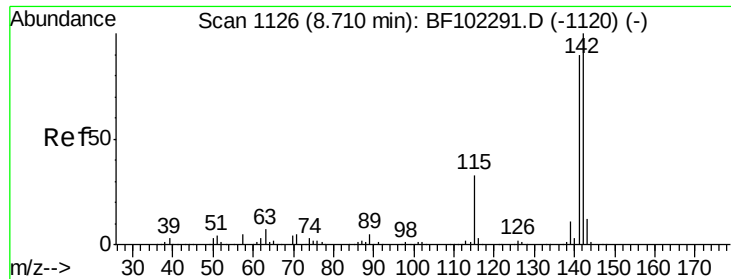
Sohil
 2/1/2018 12:14:40 PM



#36
 4-Chloro-3-methylphenol
 Concen: 31.257 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion:107 Resp: 254757
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 79.1 62.0 93.0





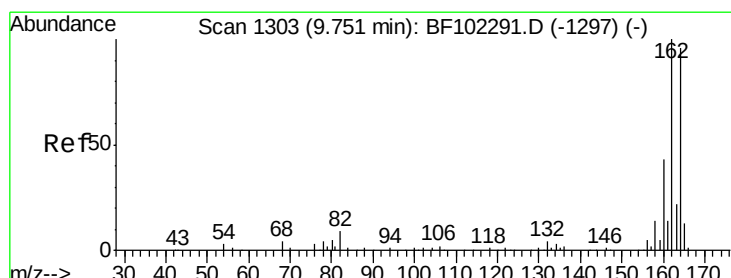
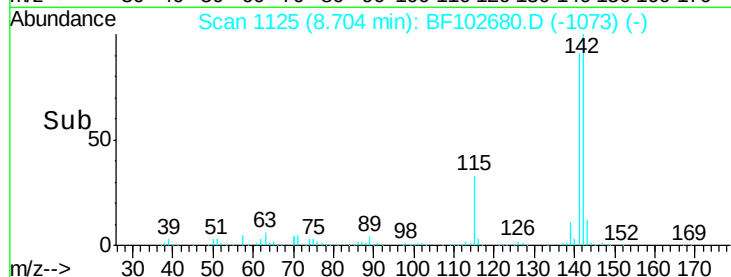
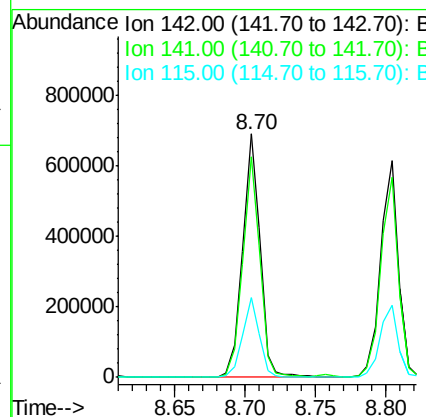
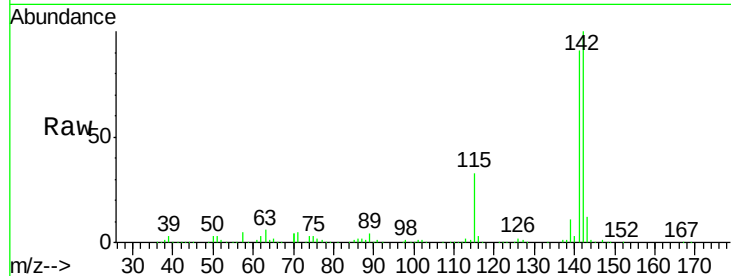
#37
2-Methylnaphthalene
Concen: 31.840 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	32.6	26.1	39.1

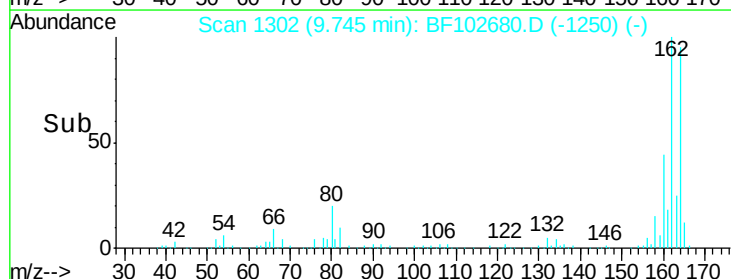
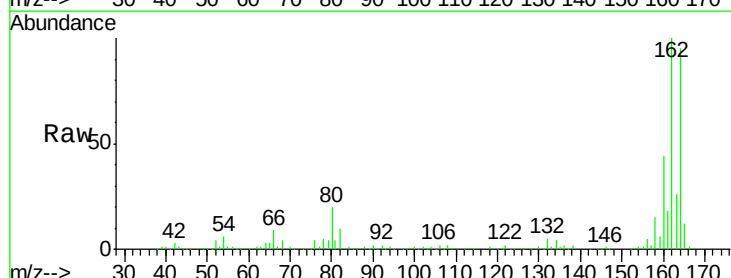
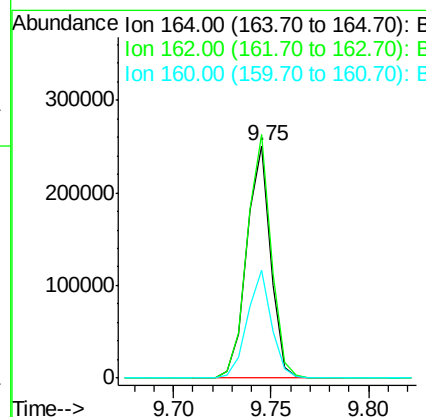
Manual Integrations
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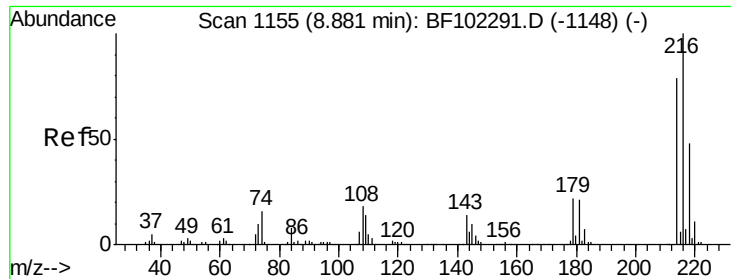
Sohil
2/1/2018 12:14:40 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.5	38.3	57.5





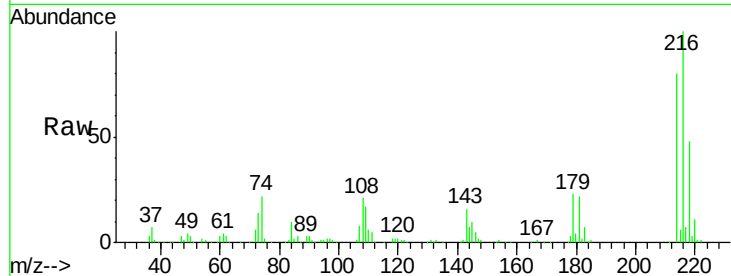
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.600 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

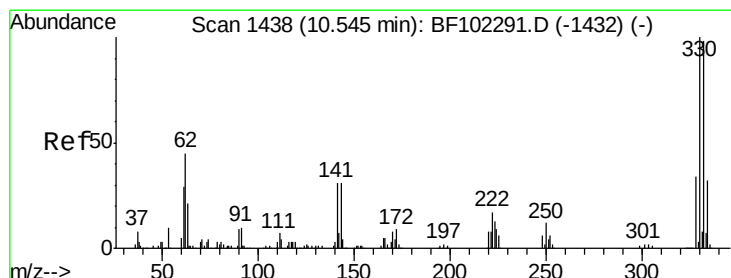
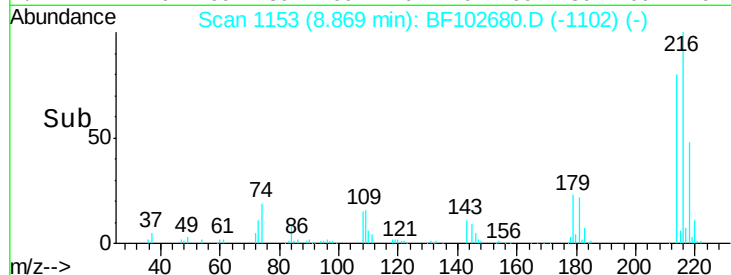
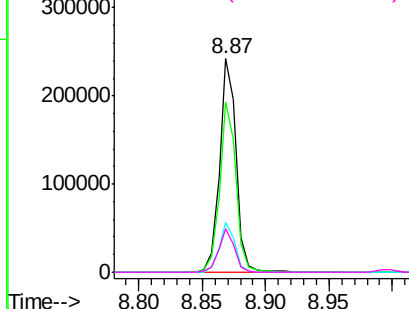
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.3	18.1	27.1
108	19.9	17.2	25.8

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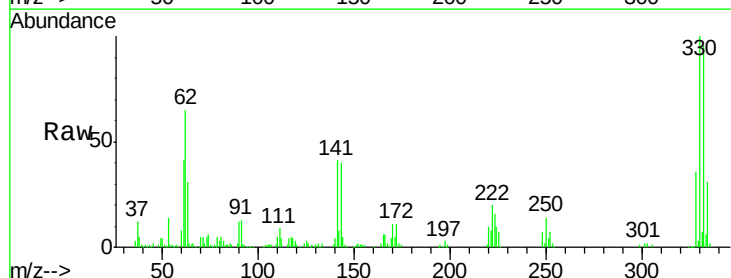


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

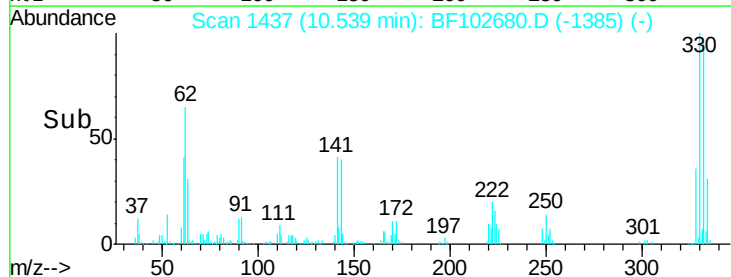
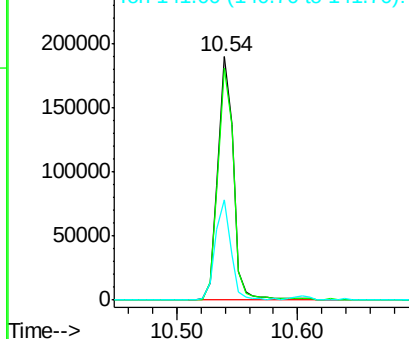


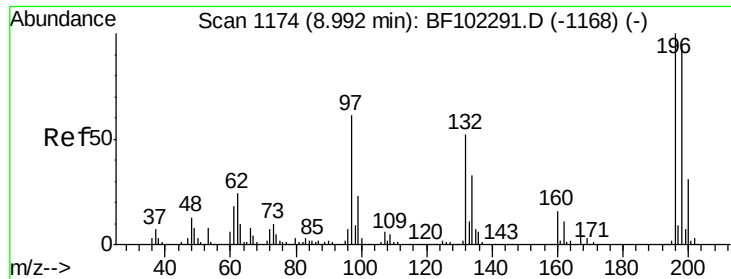
#41
 2,4,6-Tribromophenol
 Concen: 80.375 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	77.0	115.6
141	41.3	29.9	44.9



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





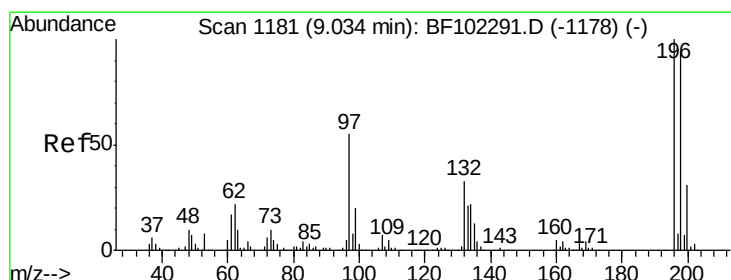
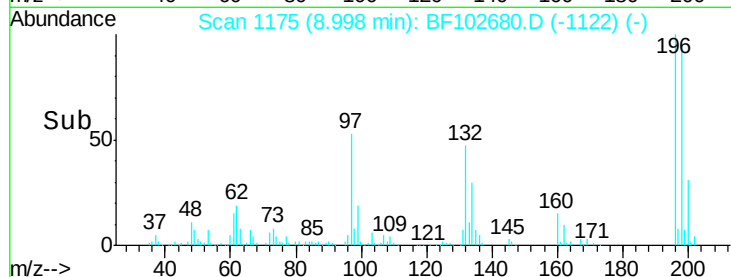
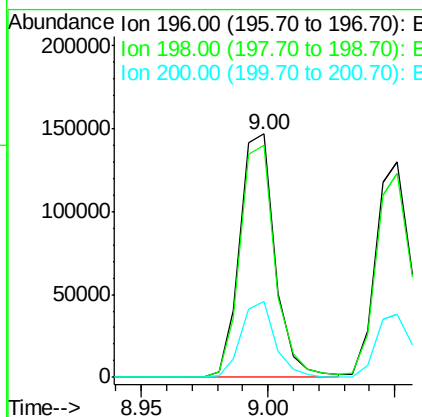
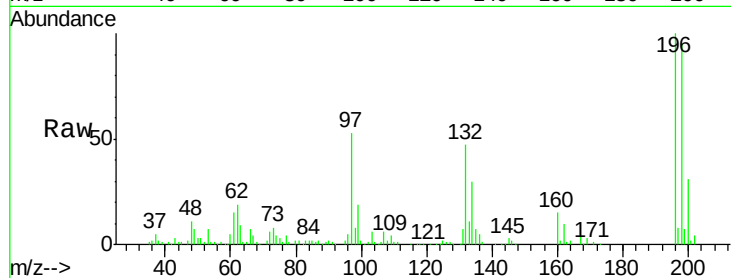
#42
 2,4,6-Trichlorophenol
 Concen: 33.446 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion:	196	Resp:	143013
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
200	31.2	24.5	36.7

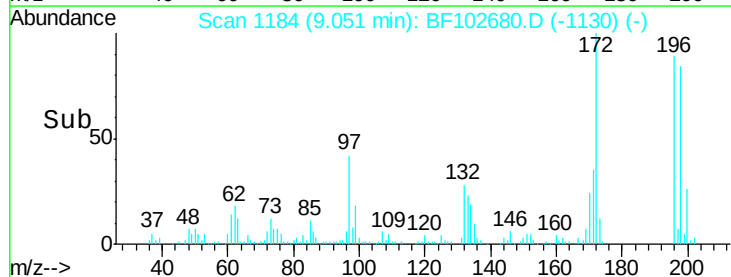
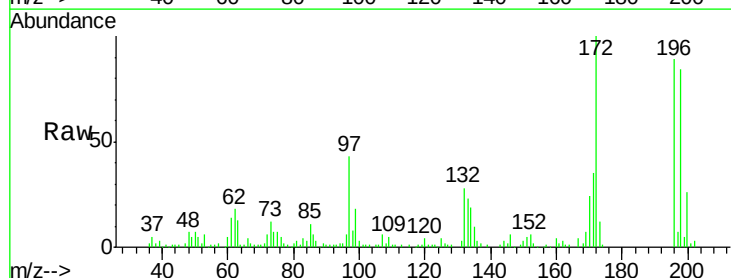
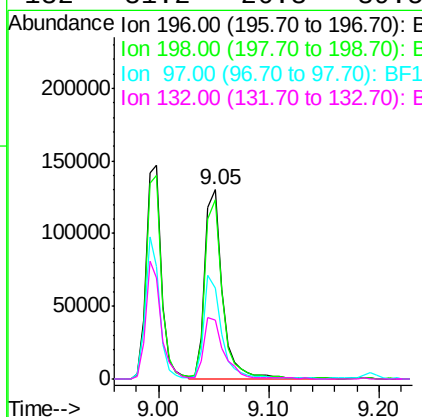
Manual Integrations
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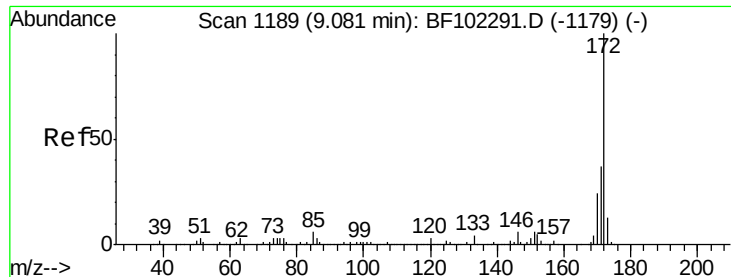
Sohil
 2/1/2018 12:14:40 PM



#43
 2,4,5-Trichlorophenol
 Concen: 29.057 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.02 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion:	196	Resp:	139894
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.6	112.0
97	48.2	42.9	64.3
132	31.2	26.3	39.5





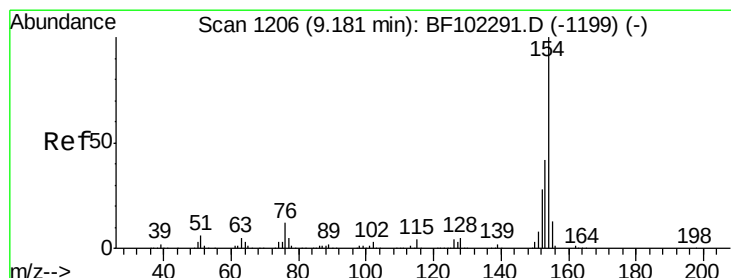
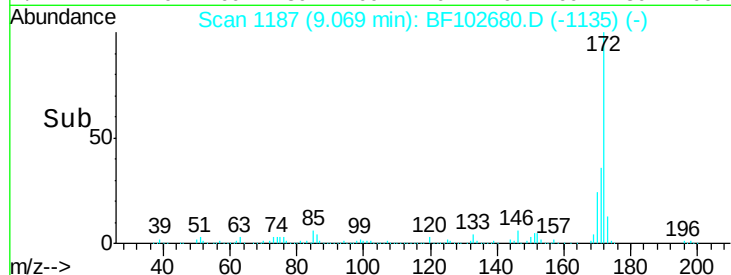
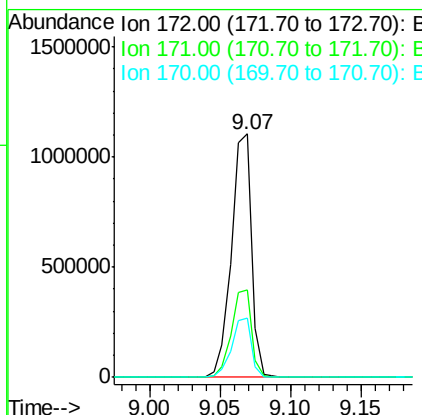
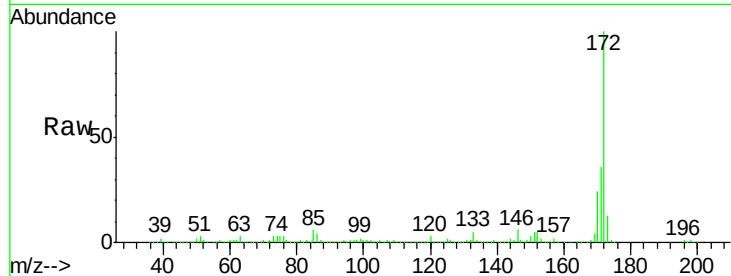
#44
2-Fluorobiphenyl
Concen: 76.188 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

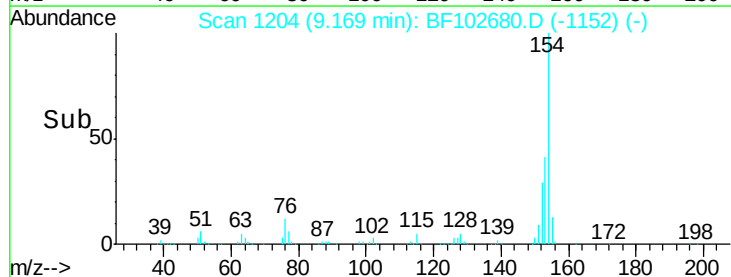
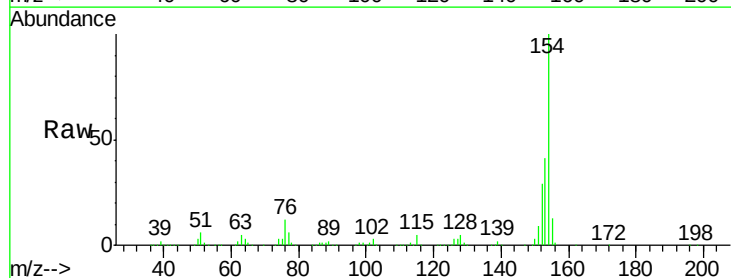
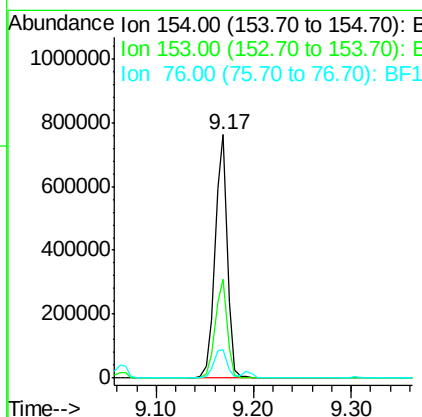
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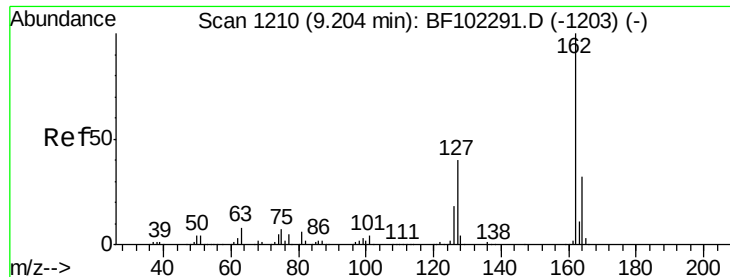
Sohil
2/1/2018 12:14:40 PM



#45
1,1'-Biphenyl
Concen: 34.670 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.0	0.0	34.0





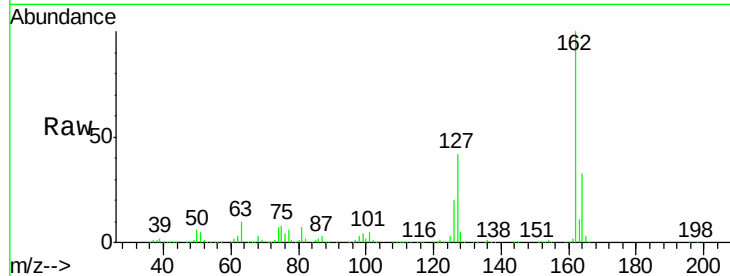
#46
2-Chloronaphthalene
Concen: 34.125 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

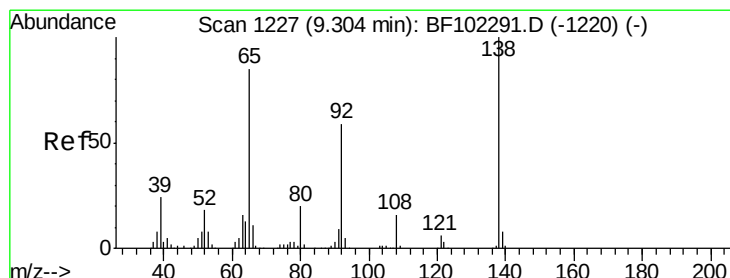
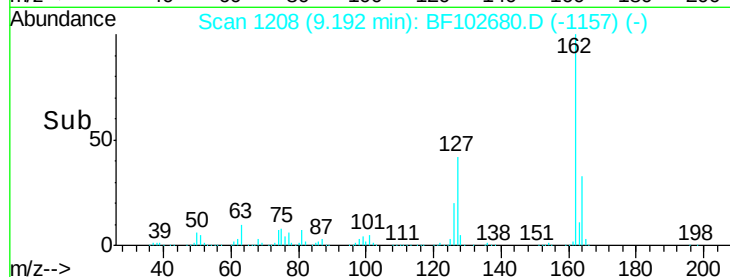
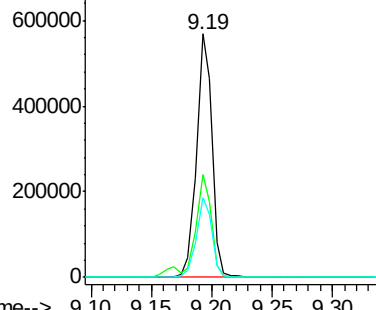
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.3	33.9	50.9	
164	32.7	26.5	39.7	

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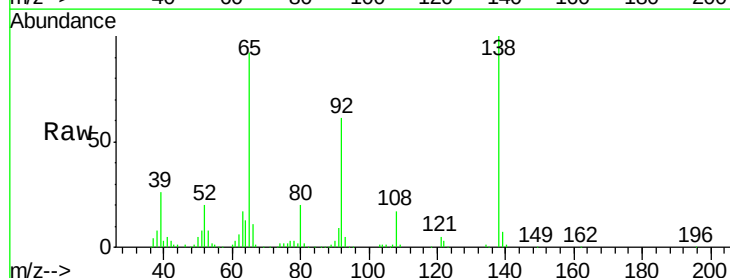


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

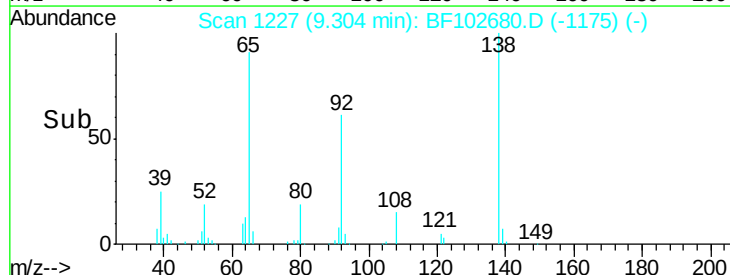
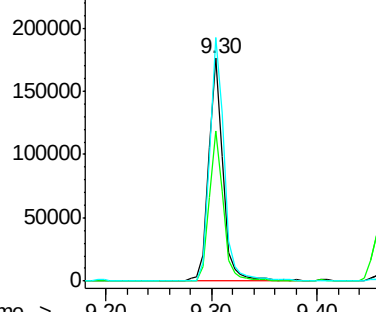


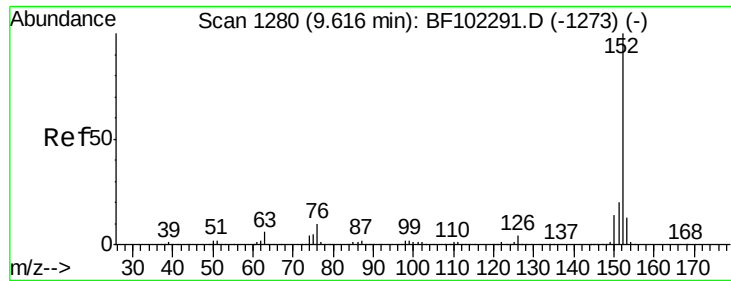
#47
2-Nitroaniline
Concen: 35.427 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	67.1	55.8	83.6	
138	109.2	91.2	136.8	



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





#48

Acenaphthylene

Concen: 31.584 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

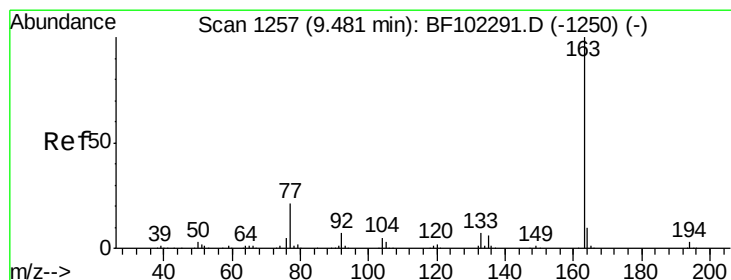
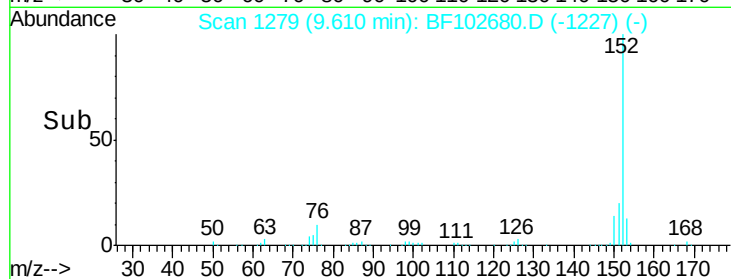
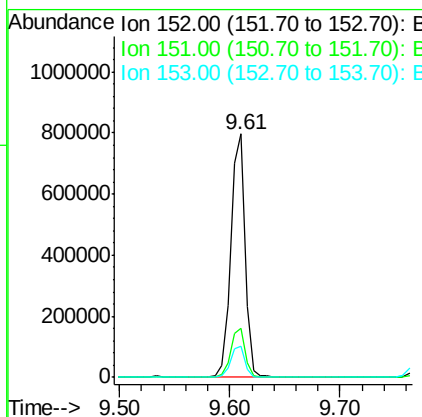
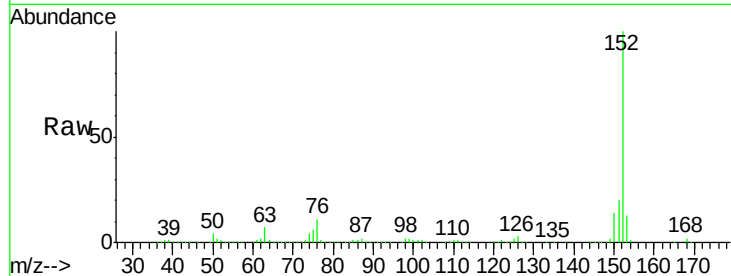
ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:	152	Resp:	726070
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	12.9	10.7	16.1

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#49

Dimethylphthalate

Concen: 40.073 ng

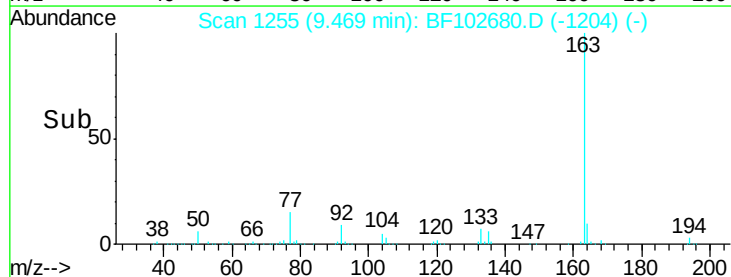
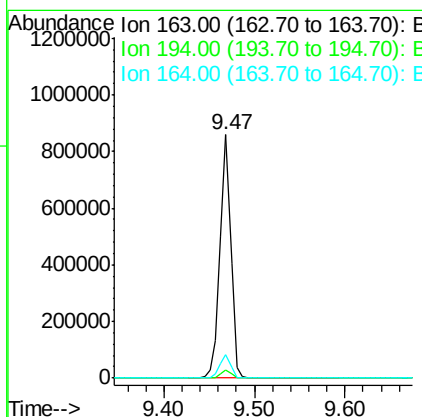
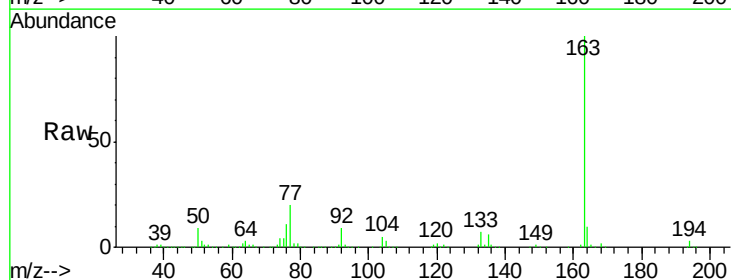
RT: 9.47 min Scan# 1255

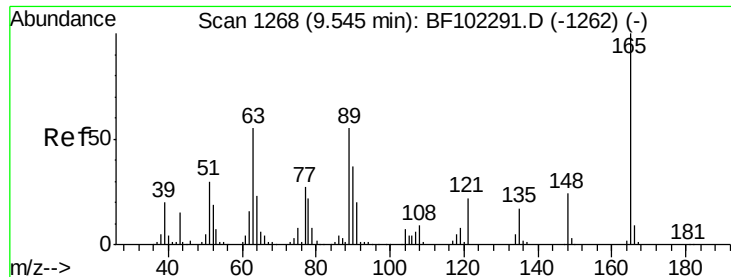
Delta R.T. 0.00 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:	163	Resp:	703232
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2





#50

2,6-Dinitrotoluene

Concen: 29.940 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

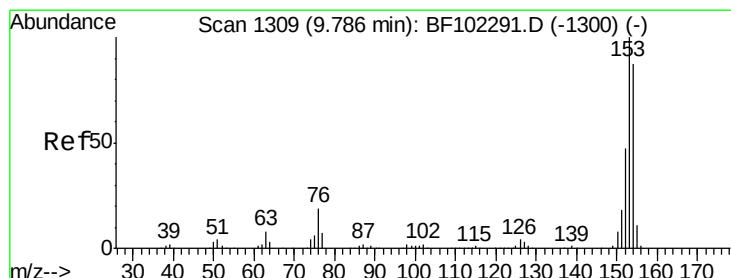
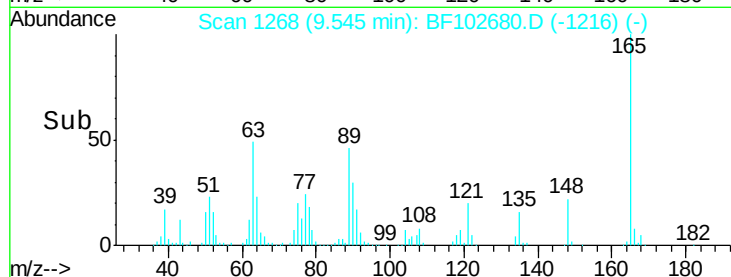
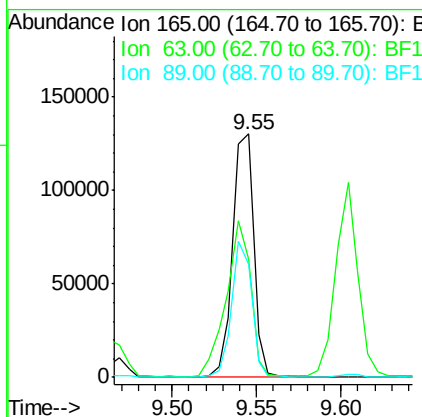
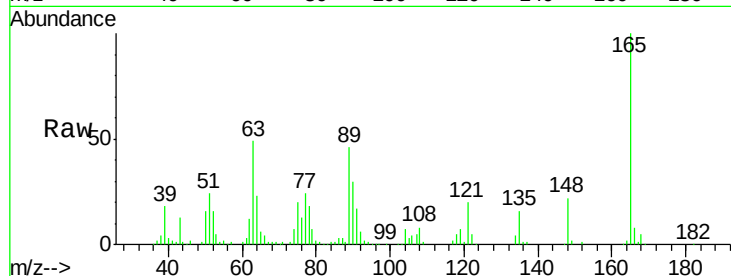
ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:	165	Resp:	113276
Ion Ratio	Lower	Upper	
165	100		
63	48.5	44.7	67.1
89	46.4	44.0	66.0

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#51

Acenaphthene

Concen: 32.688 ng

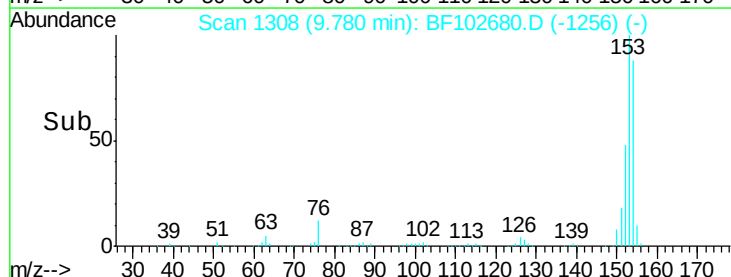
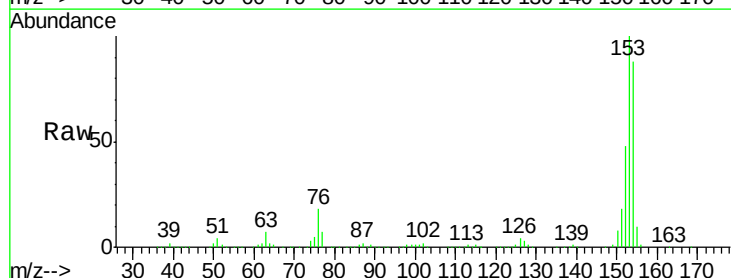
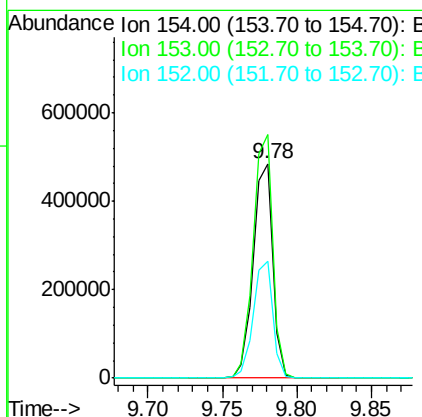
RT: 9.78 min Scan# 1308

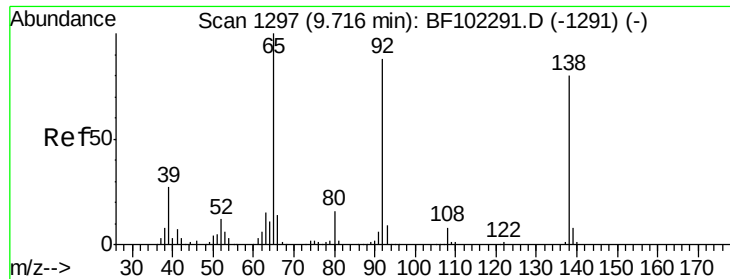
Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:	154	Resp:	438875
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.2	136.8
152	54.6	43.8	65.8





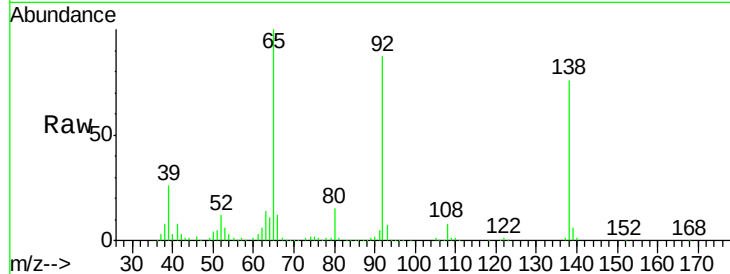
#52
3-Nitroaniline
Concen: 27.237 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

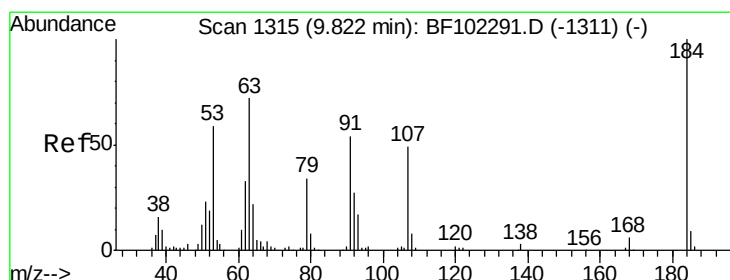
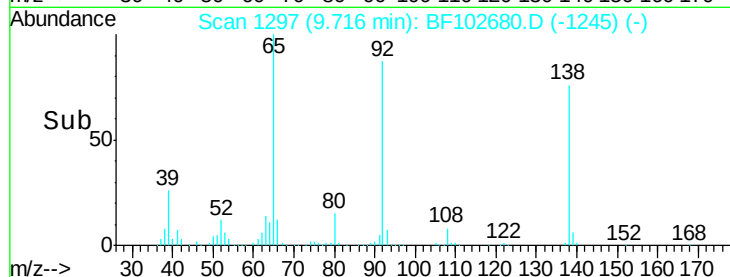
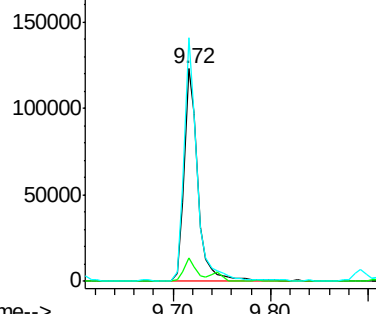
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	114.5	89.4	134.2

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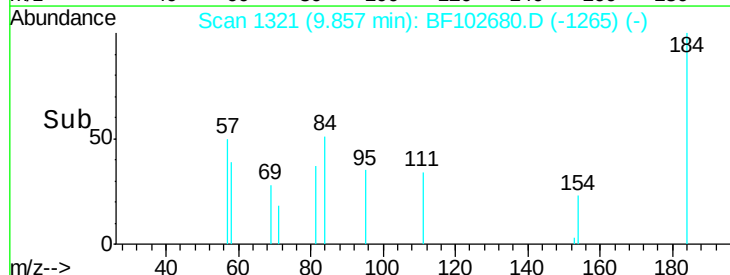
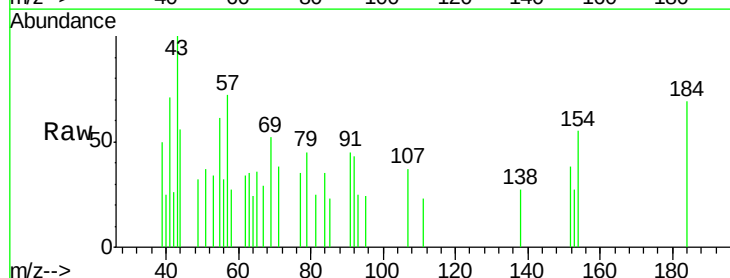
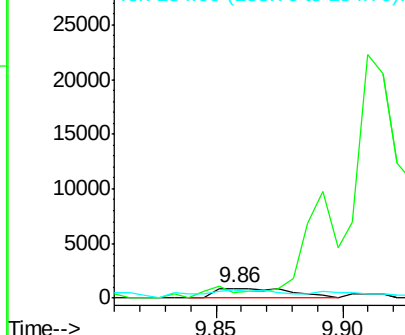
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

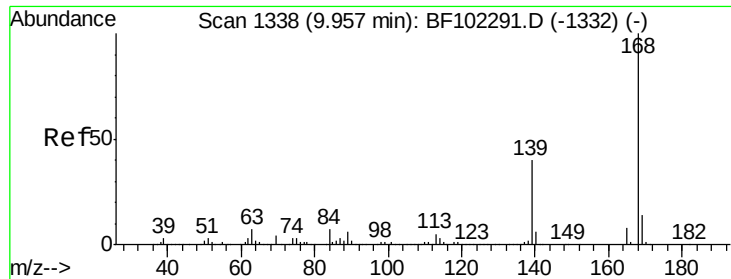


#53
2,4-Dinitrophenol
Concen: 4.770 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.03 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.3	54.2	81.2#
154	80.6	184.0	276.0#

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





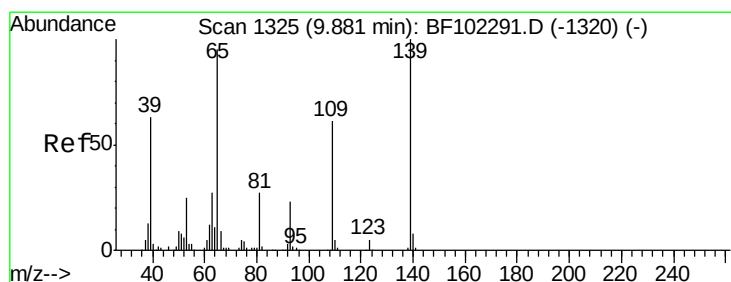
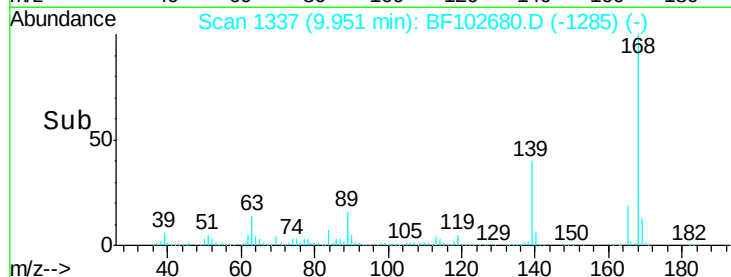
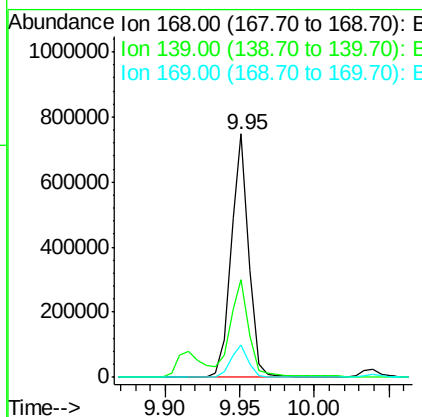
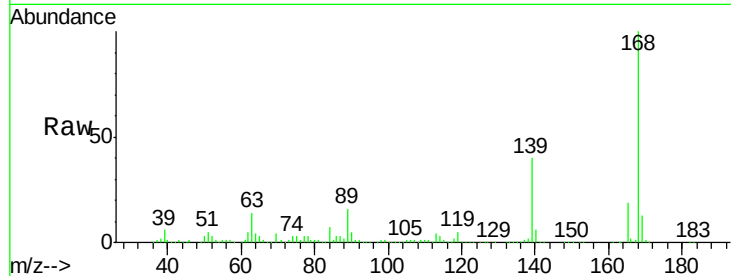
#54
Dibenzofuran
Concen: 34.263 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	40.1	30.1	45.1
169	13.4	10.9	16.3

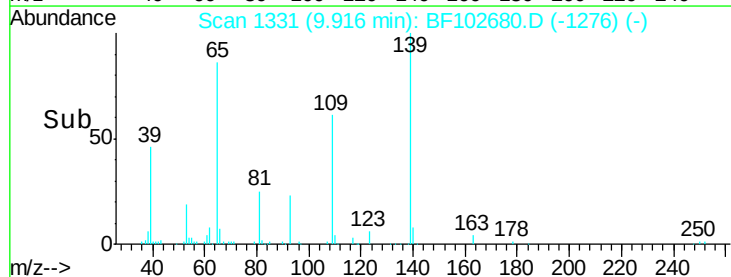
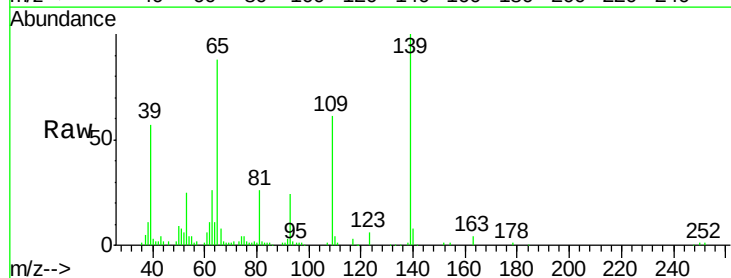
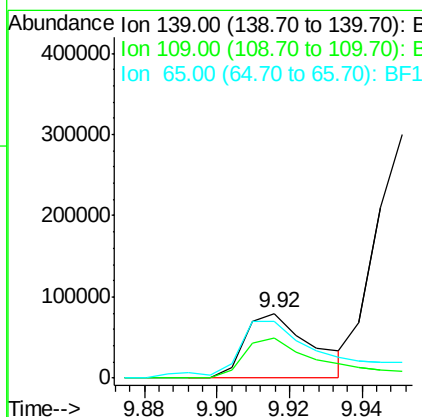
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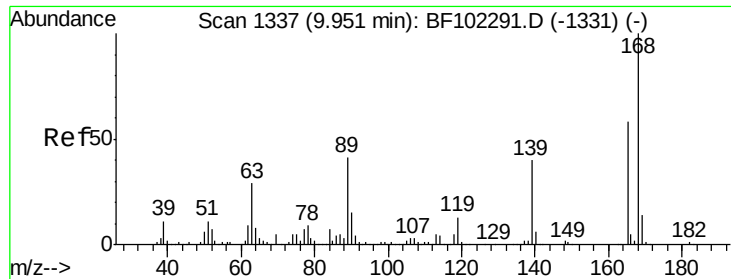
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#55
4-Nitrophenol
Concen: 34.127 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	61.2	48.4	88.4
65	87.6	72.6	112.6





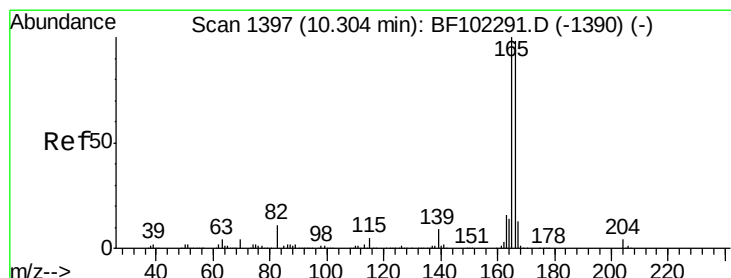
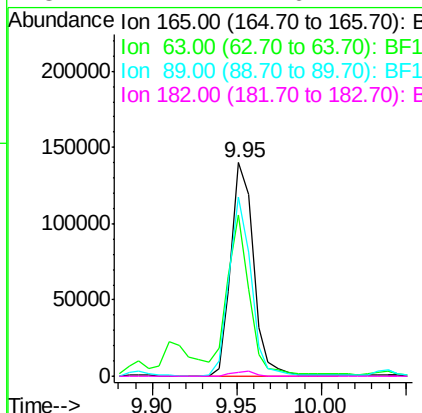
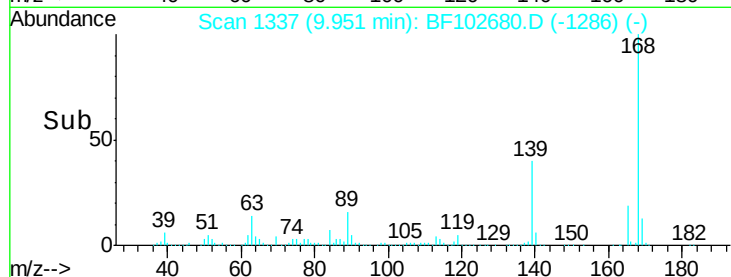
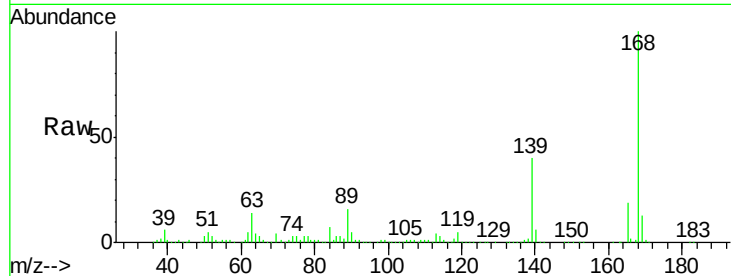
#56
 2,4-Dinitrotoluene
 Concen: 28.355 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	75.3	36.4	54.6#
89	84.2	57.8	86.6
182	2.1	1.6	2.4

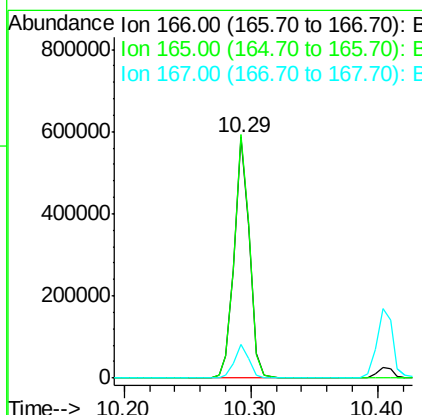
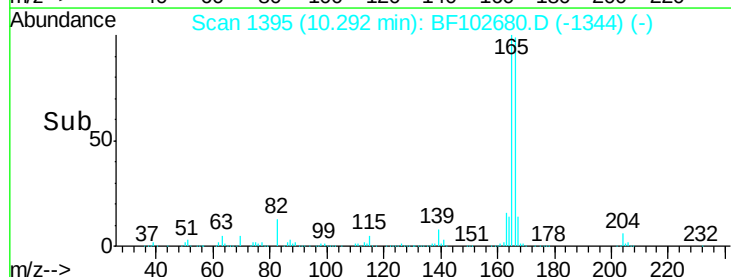
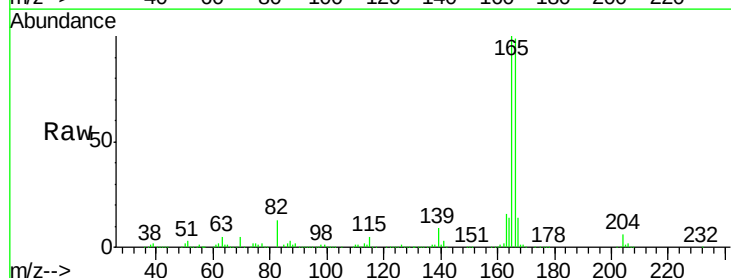
Manual Integrations
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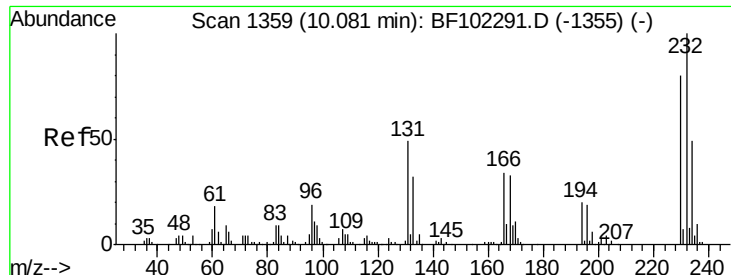
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#57
 Fluorene
 Concen: 33.419 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	101.1	79.8	119.8
167	13.8	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 29.539 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:232 Resp: 101539
Ion Ratio Lower Upper

232 100

131 51.3 43.8 65.8

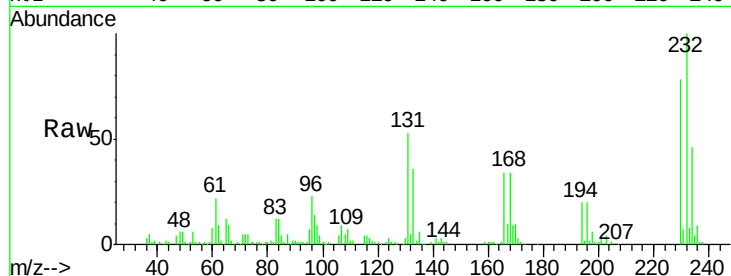
130 2.6 2.1 3.1

166 32.6 27.8 41.6

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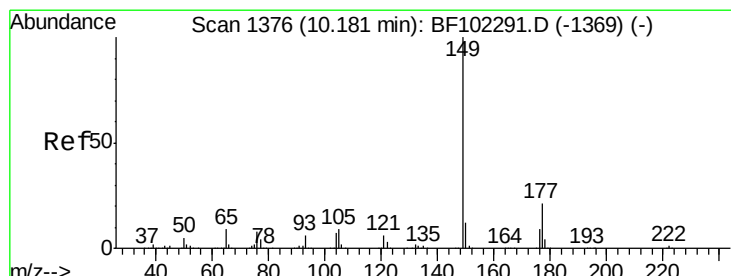
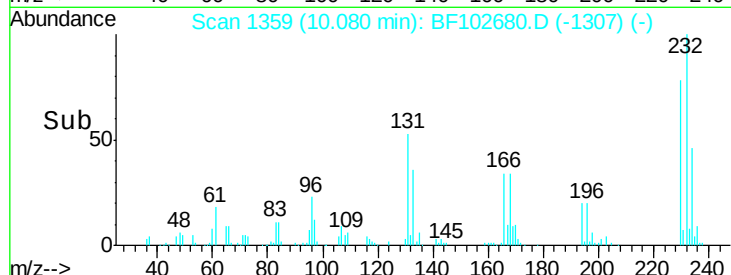
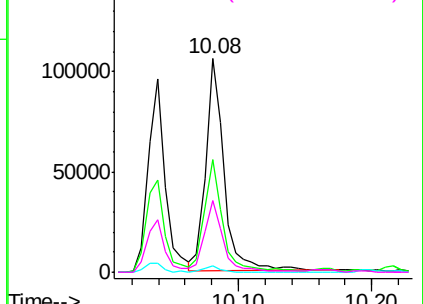


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 31.777 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF102680.D

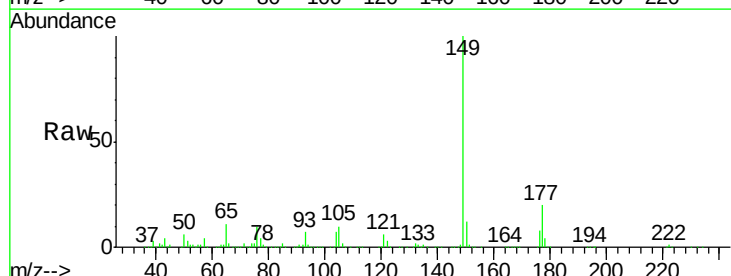
Acq: 1 Feb 2018 2:50

Tgt Ion:149 Resp: 541897
Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

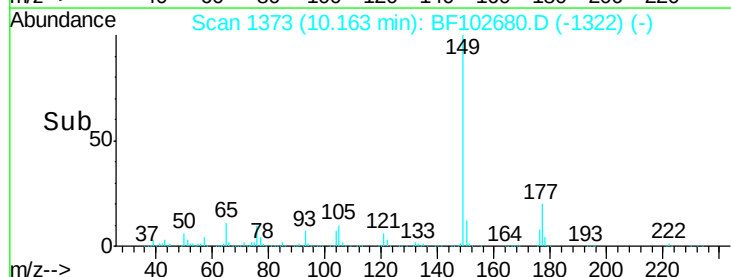
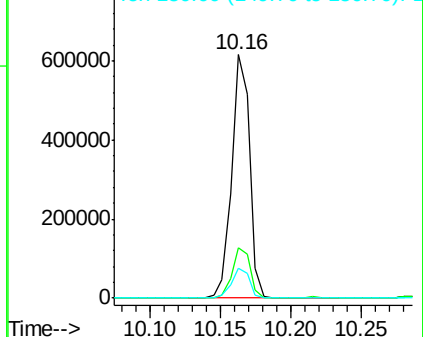
150 12.2 10.1 15.1

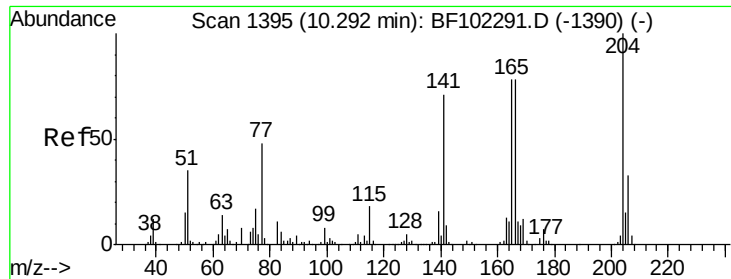


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





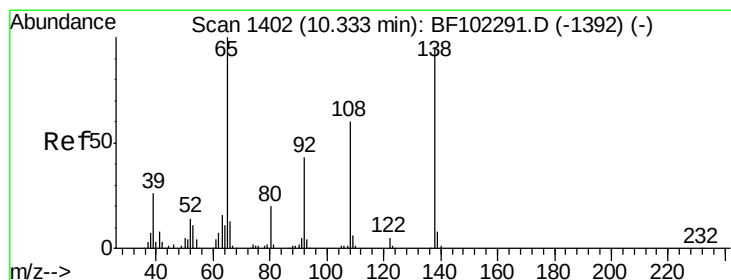
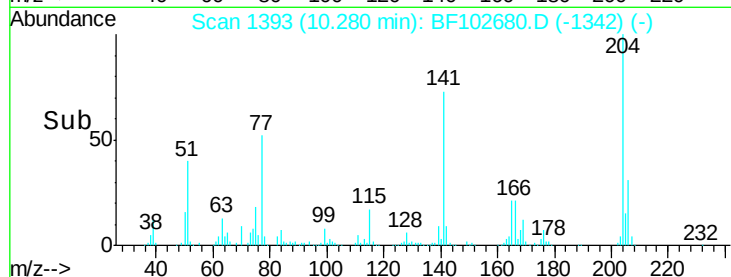
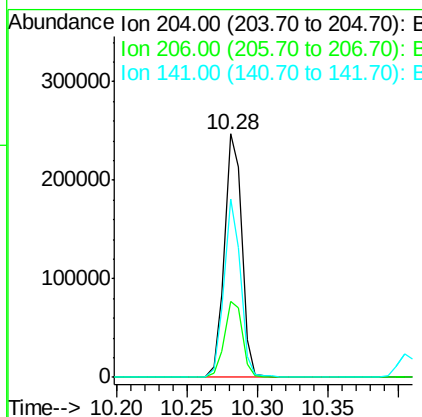
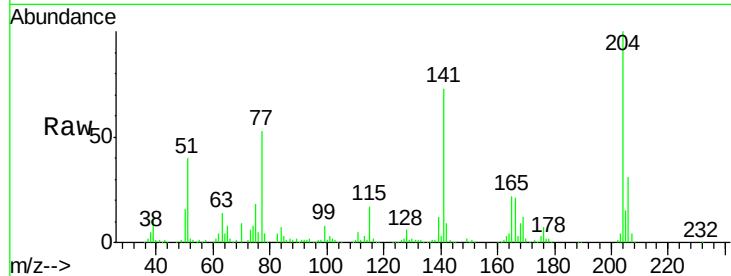
#60
4-Chlorophenyl-phenylether
Concen: 33.948 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.5	39.7
141	73.5	54.6	81.8

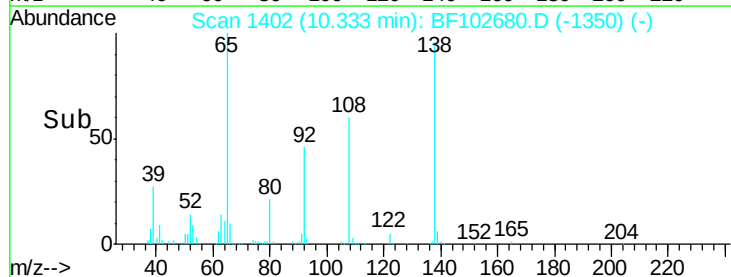
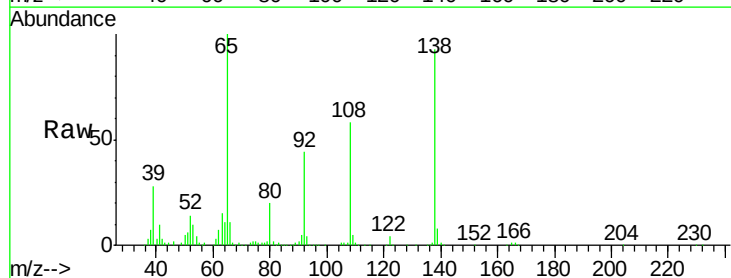
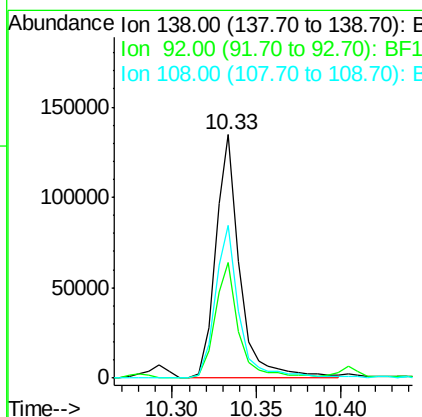
Manual Integrations
APPROVED

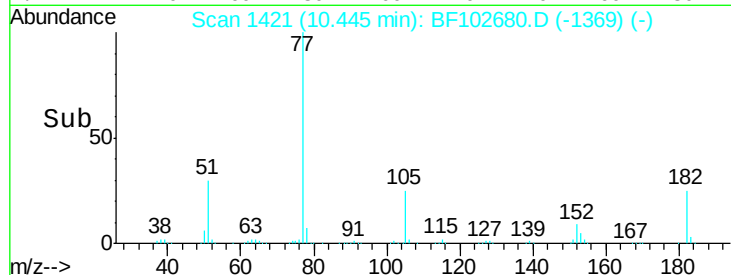
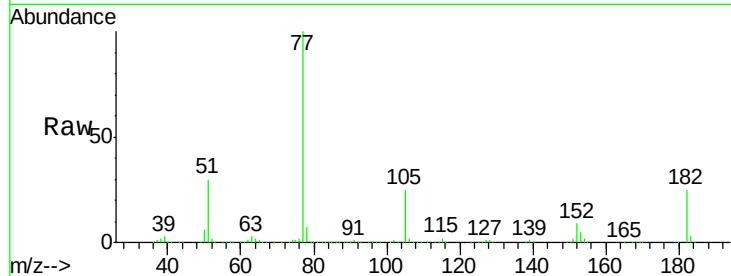
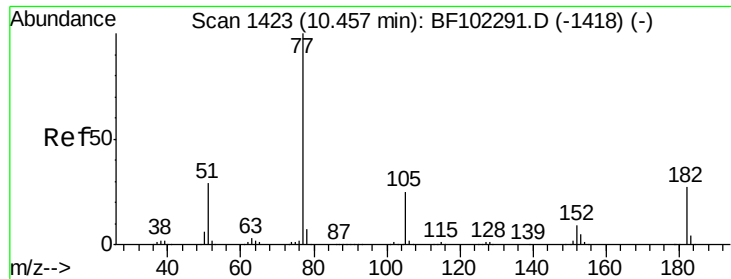
Sohil
2/1/2018 12:14:40 PM



#61
4-Nitroaniline
Concen: 30.154 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.2	70.2
108	62.9	52.5	92.5





#62

Azobenzene

Concen: 30.378 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.7	1.7	41.7	
105	24.9	3.0	43.0	
51	29.6	9.9	49.9	

Instrument :

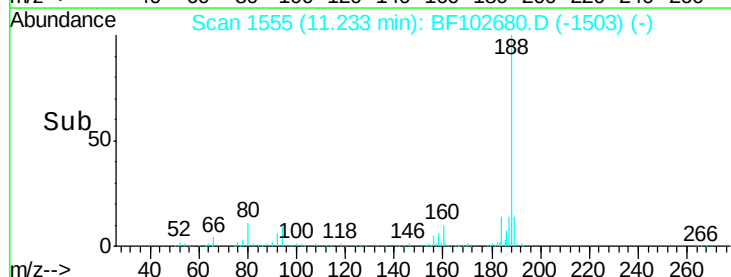
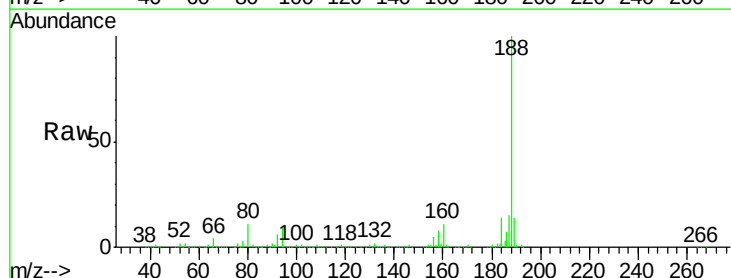
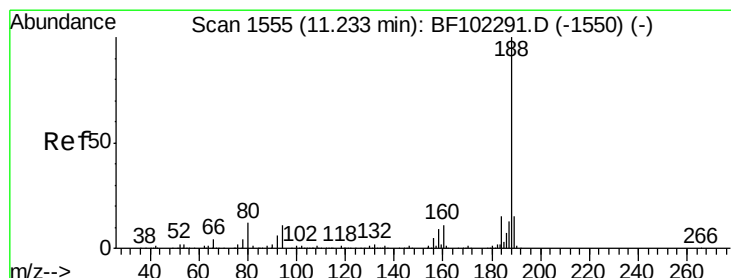
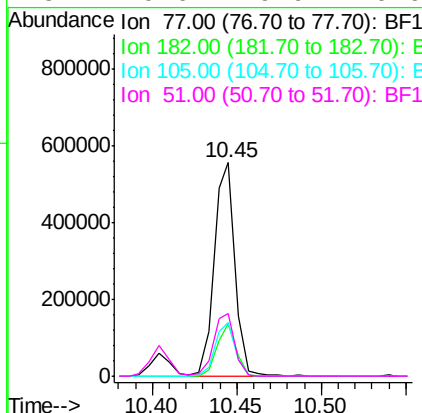
BNA_F

ClientSampleId :

EPE-106-5(120-122)MS

Manual Integrations
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Sohil
2/1/2018 12:14:40 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

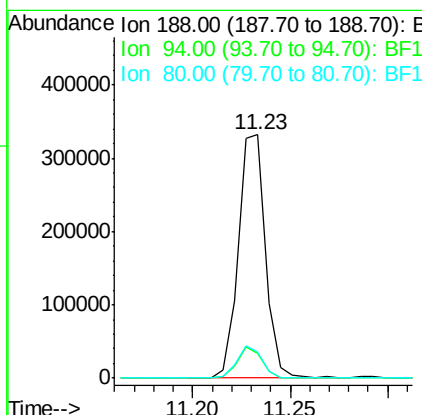
RT: 11.23 min Scan# 1555

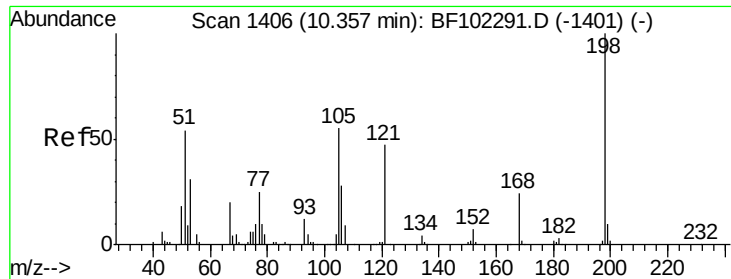
Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.5	12.7	
80	10.8	9.2	13.8	





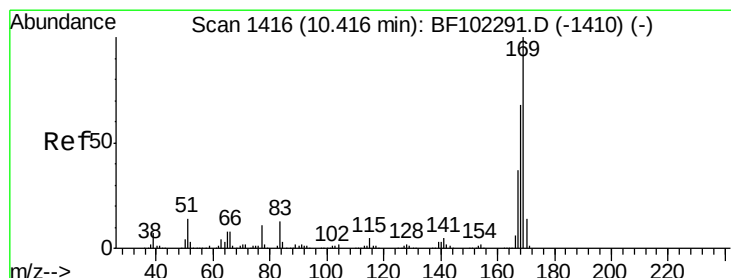
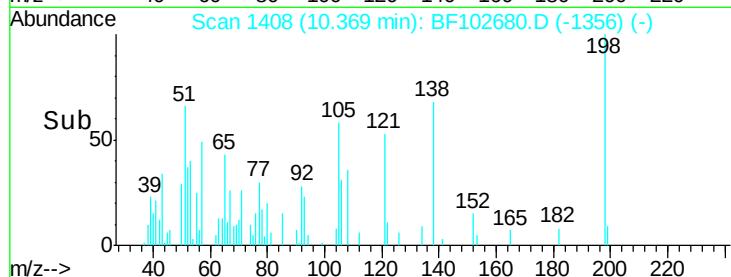
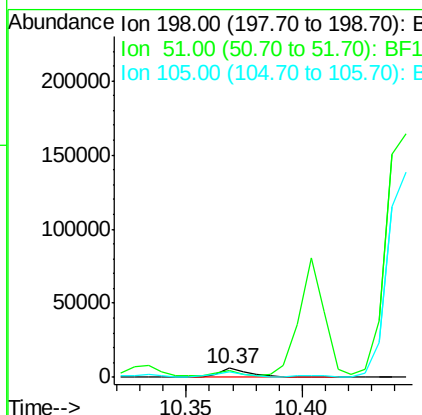
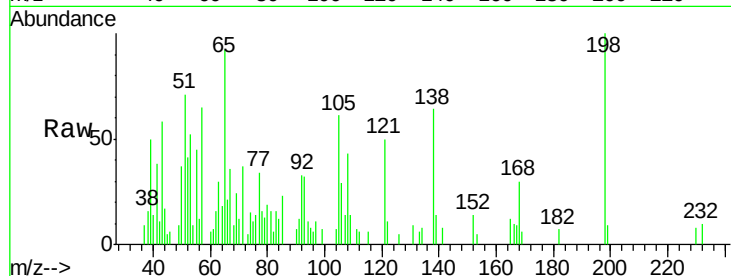
#64
4,6-Dinitro-2-methylphenol
Concen: 2.676 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	5689		
51	70.9		37.7	77.7
105	61.5		36.3	76.3

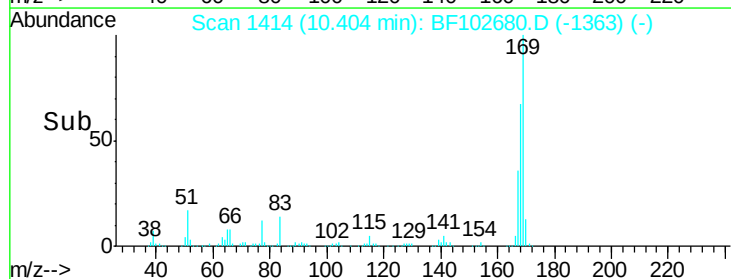
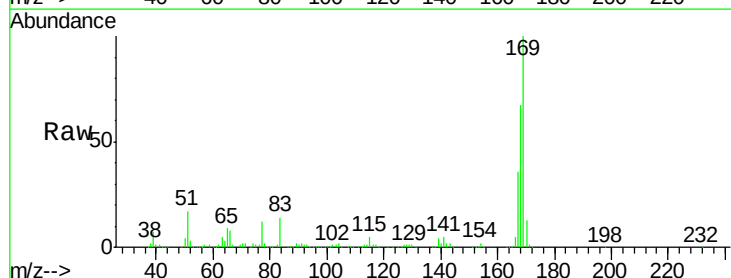
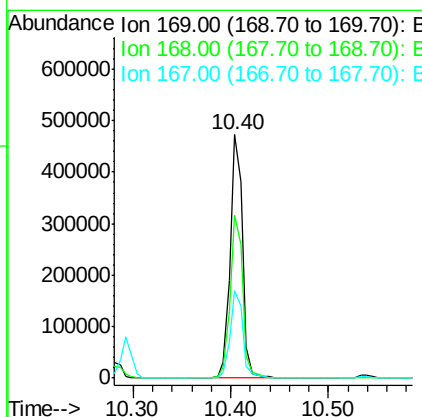
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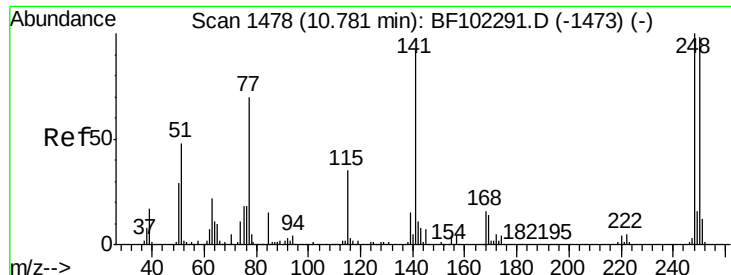
Sohil
2/1/2018 12:14:40 PM



#65
n-Nitrosodiphenylamine
Concen: 35.190 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	411642		
168	67.2		54.4	81.6
167	35.7		29.8	44.6





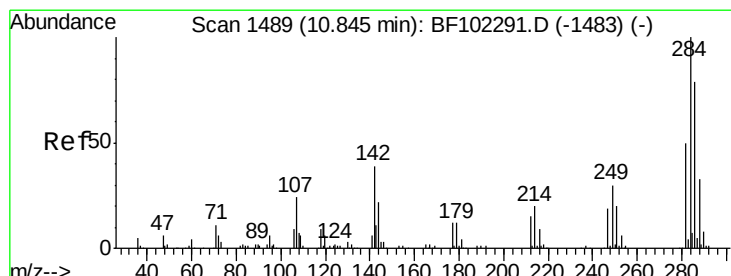
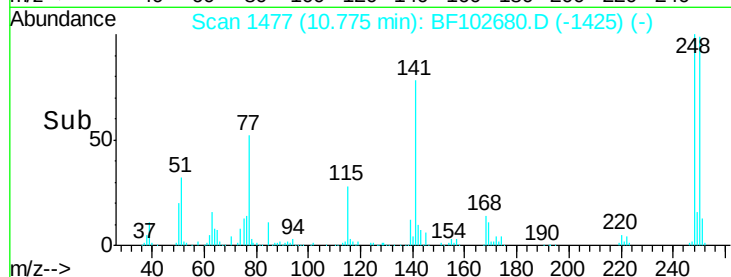
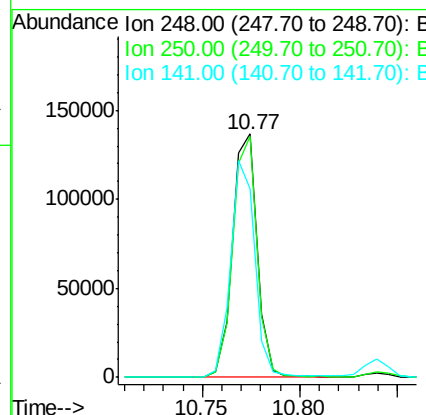
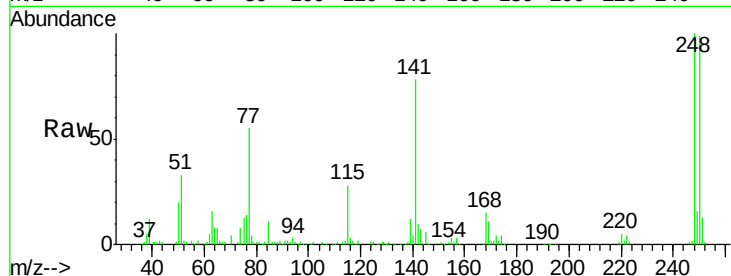
#66
4-Bromophenyl-phenylether
Concen: 35.012 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.9	115.3
141	77.6	74.4	111.6

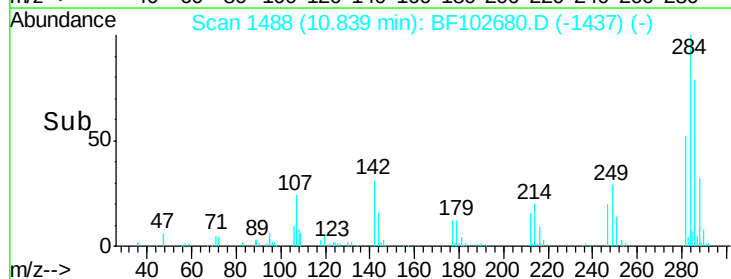
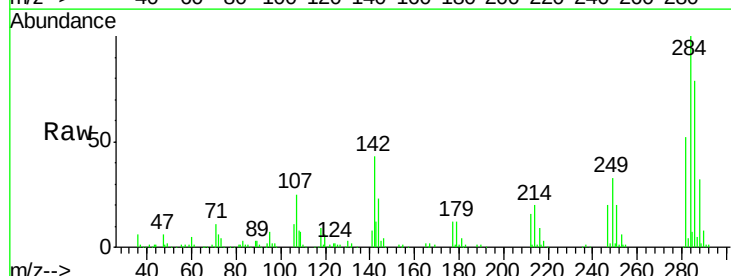
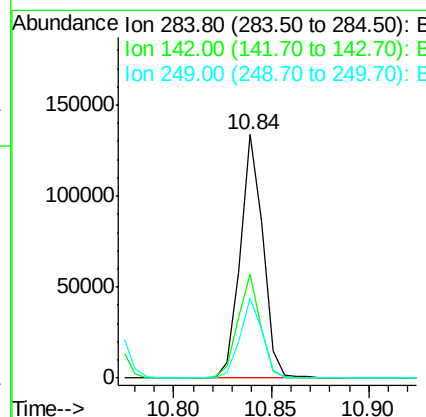
Manual Integrations
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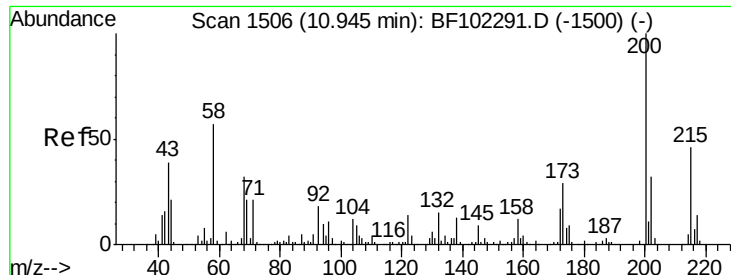
Sohil
2/1/2018 12:14:40 PM



#67
Hexachlorobenzene
Concen: 28.140 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.9	34.6	52.0
249	32.6	24.8	37.2





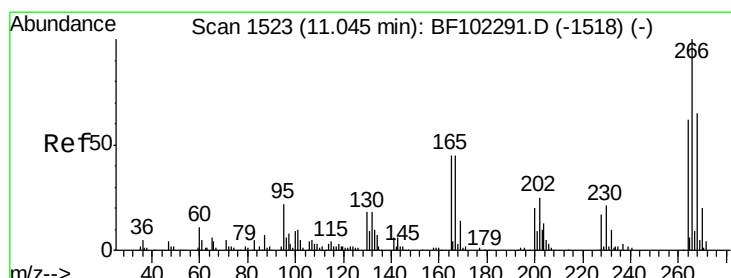
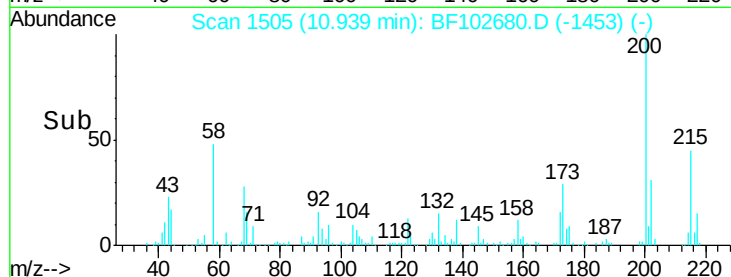
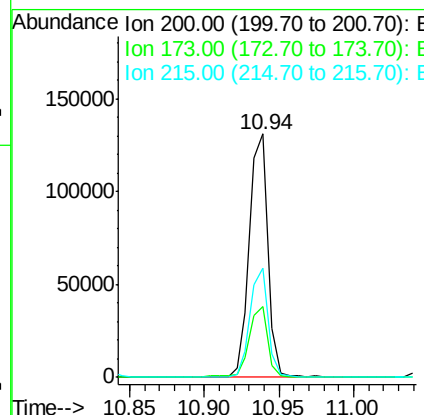
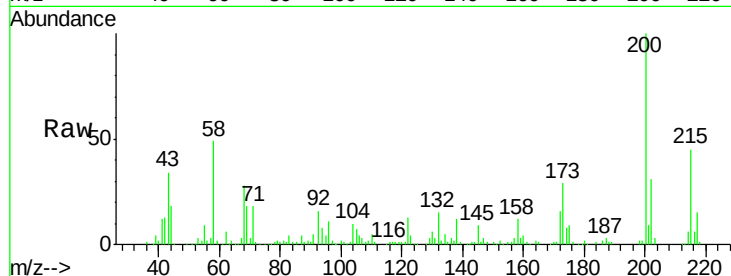
#68
Atrazine
Concen: 32.938 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.2	8.6	48.6
215	45.1	25.1	65.1

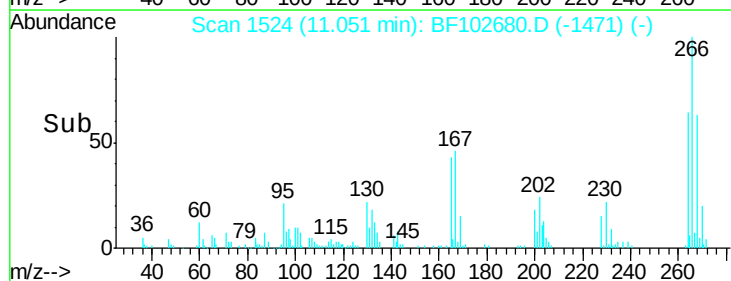
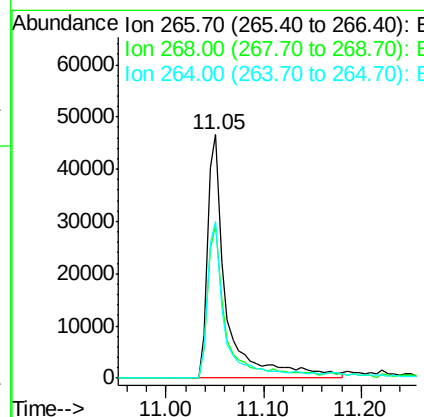
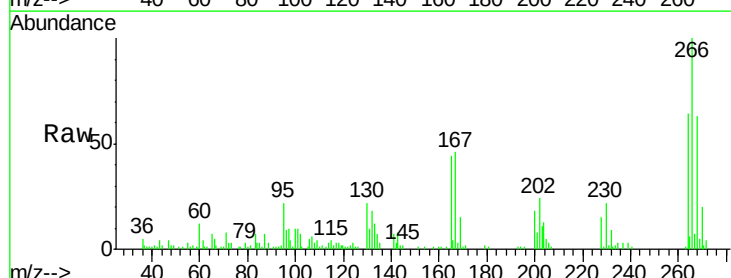
Manual Integrations
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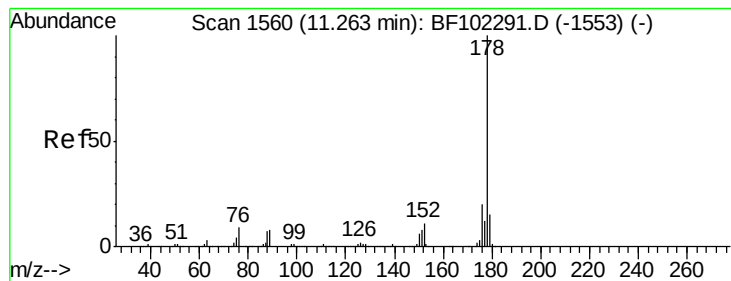
Sohil
2/1/2018 12:14:40 PM



#69
Pentachlorophenol
Concen: 30.934 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	51.1	76.7
264	64.1	49.5	74.3





#70

Phenanthrene

Concen: 33.716 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

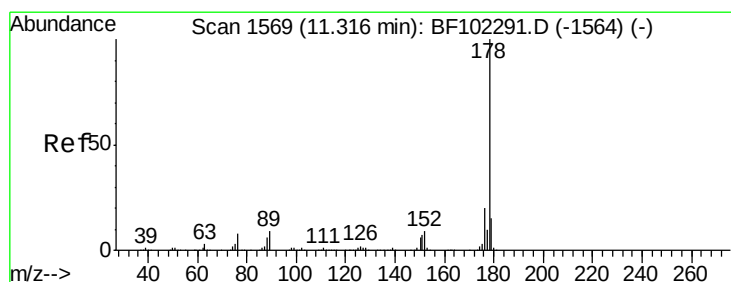
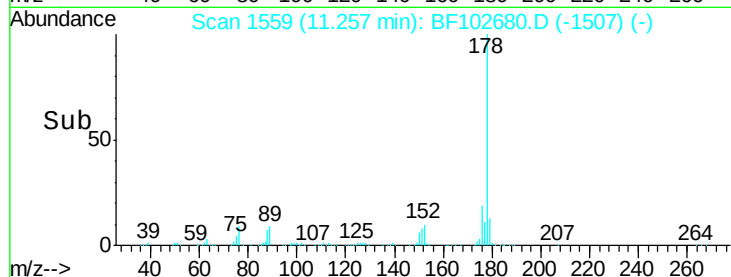
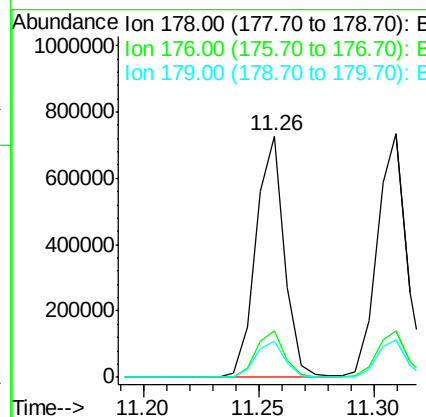
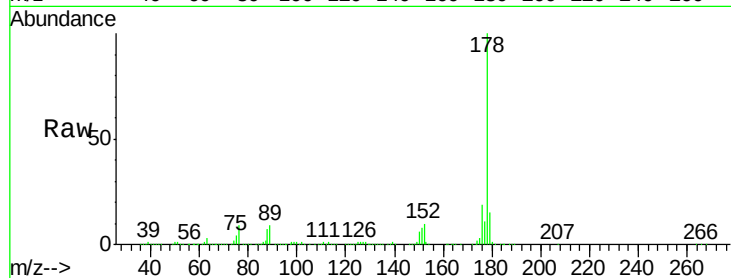
ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:178	Resp:	626155
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.8 23.8
179	14.9	13.0 19.6

Manual Integrations
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Sohil
2/1/2018 12:14:40 PM



#71

Anthracene

Concen: 34.279 ng

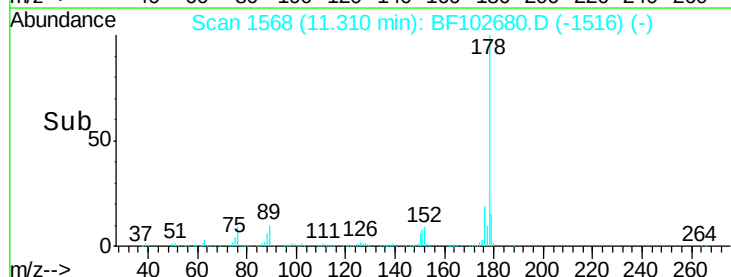
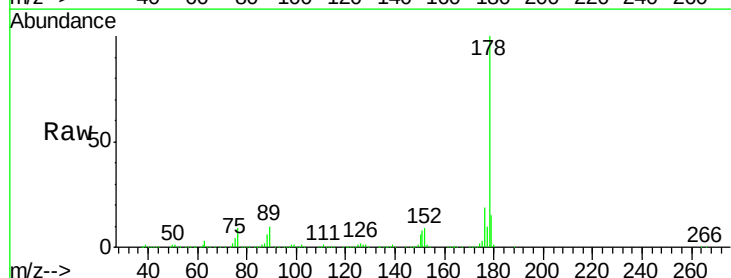
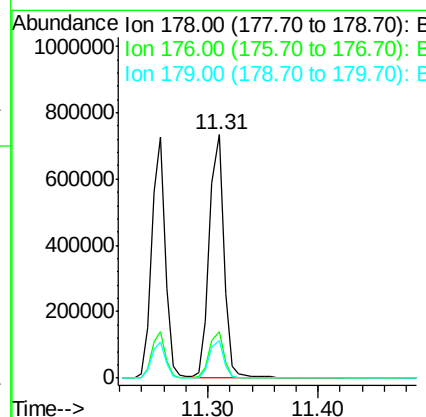
RT: 11.31 min Scan# 1568

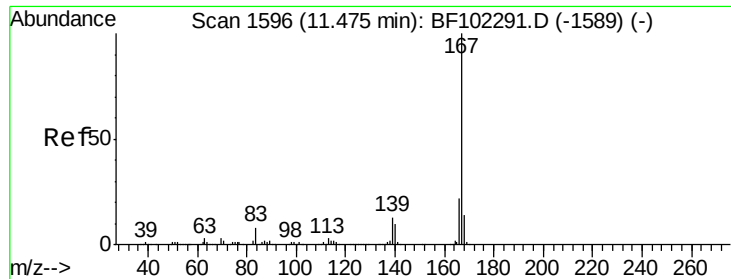
Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:178	Resp:	649791
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.4 23.2
179	15.4	12.6 19.0





#72

Carbazole

Concen: 34.979 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

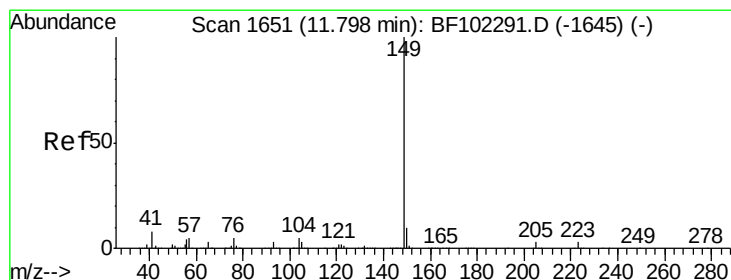
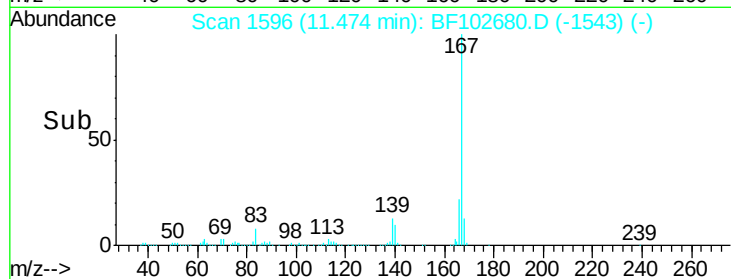
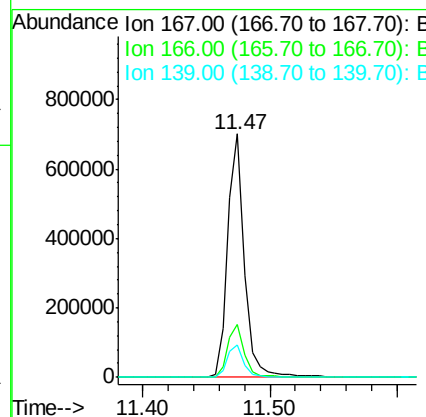
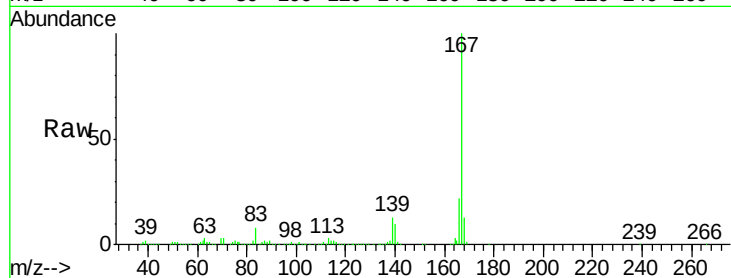
ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:	167	Resp:	646864
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.6	26.4
139	13.2	10.9	16.3

Manual Integrations
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2/1/2018 12:14:40 PM



#73

Di-n-butylphthalate

Concen: 33.757 ng

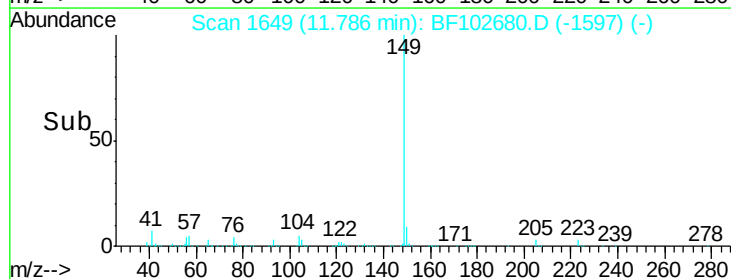
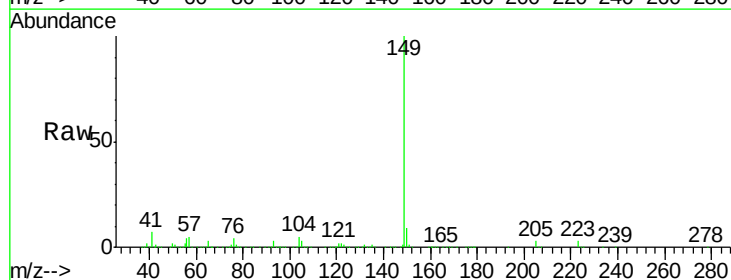
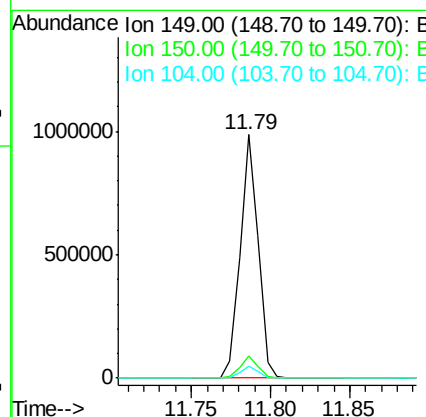
RT: 11.79 min Scan# 1649

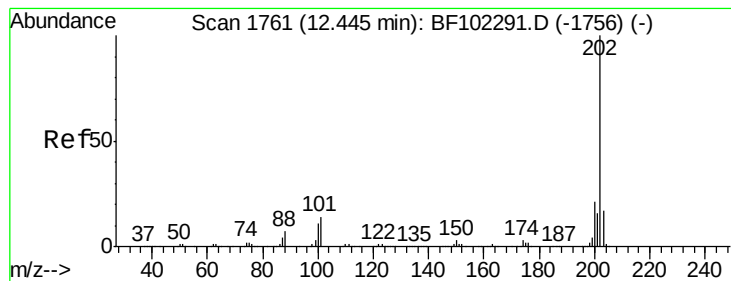
Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:	149	Resp:	780326
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.8	3.8	5.8





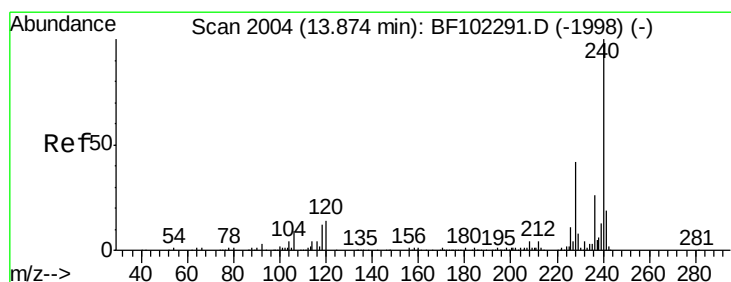
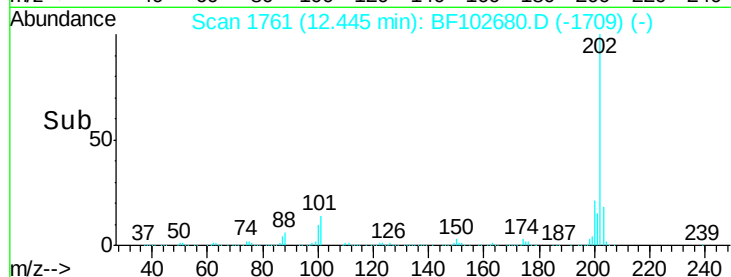
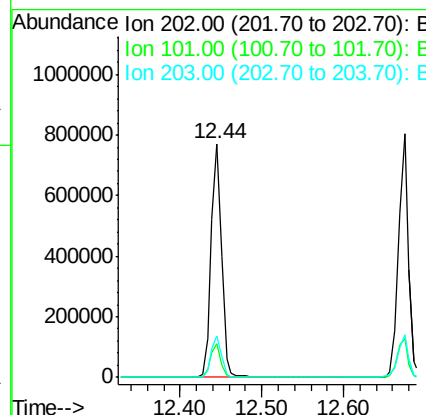
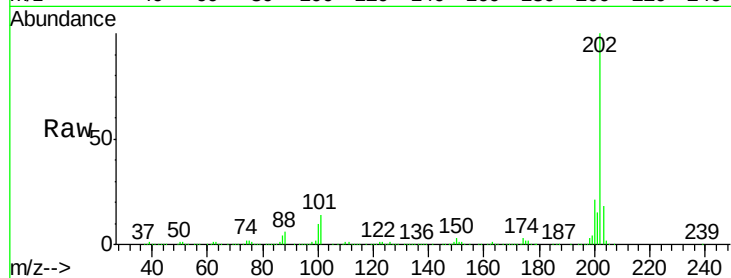
#74
 Fluoranthene
 Concen: 36.033 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.6	0.0	38.1

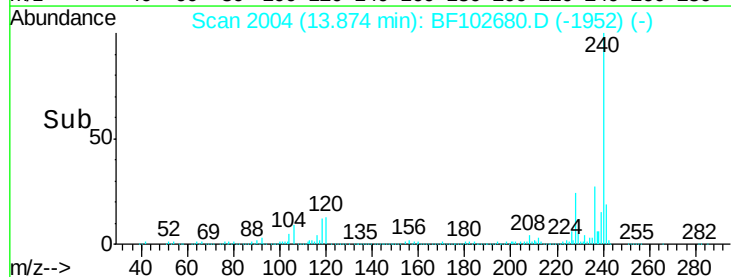
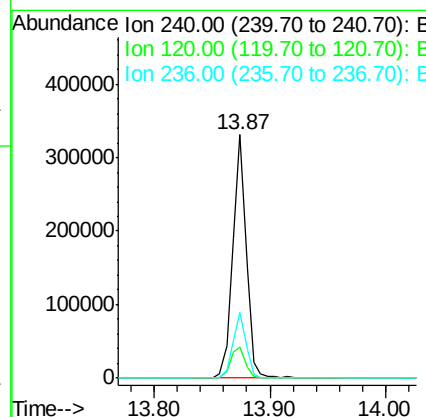
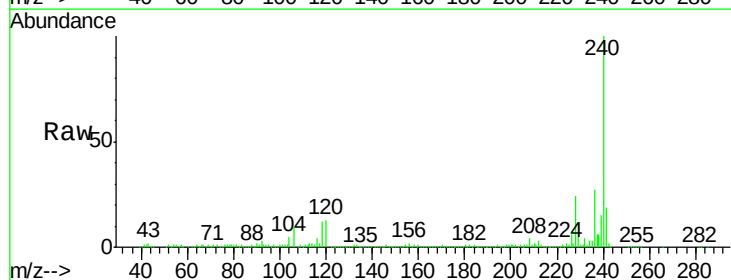
Manual Integrations
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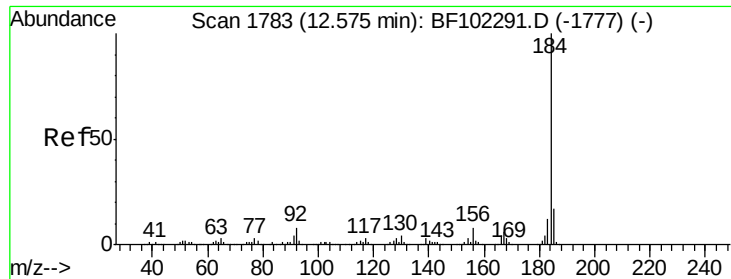
Sohil
 2/1/2018 12:14:40 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.0	9.5	14.3
236	27.0	20.7	31.1





#76

Benzidine

Concen: 37.874 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

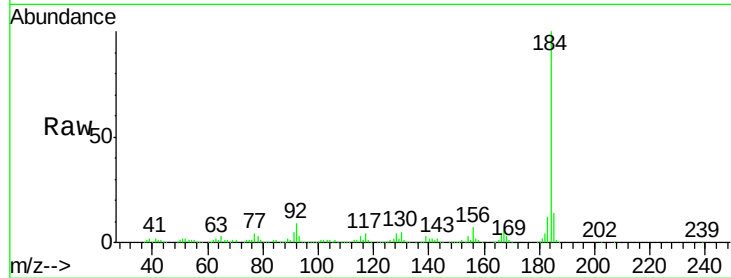
ClientSampleId :

EPE-106-5(120-122)MS

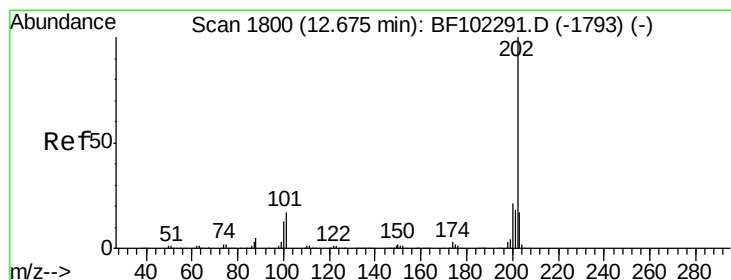
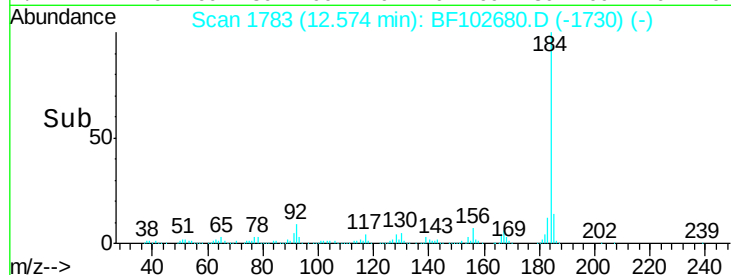
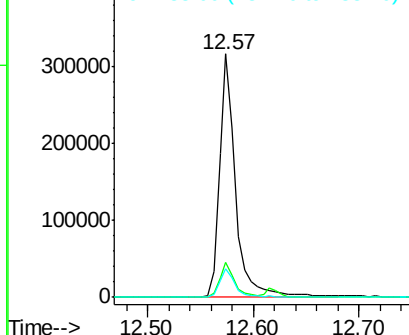
Tot Ion:	184	Resp:	341701
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.6	9.3	13.9

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 33.492 ng

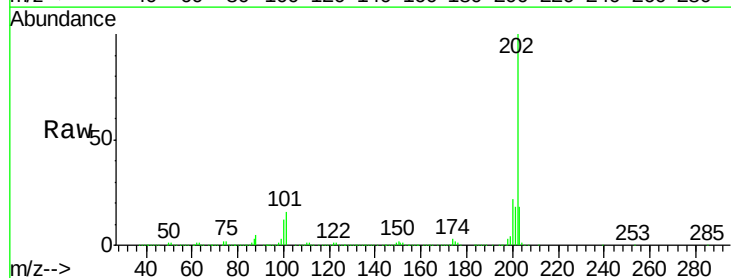
RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

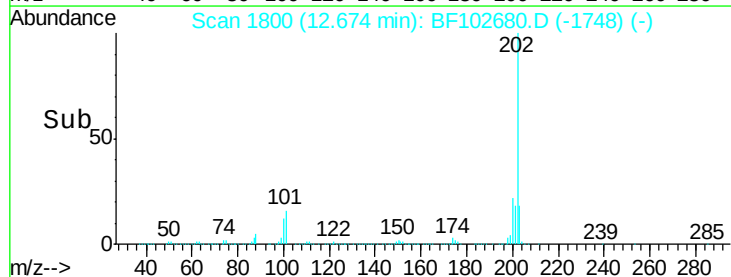
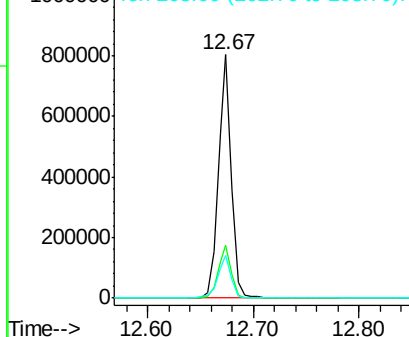
Lab File: BF102680.D

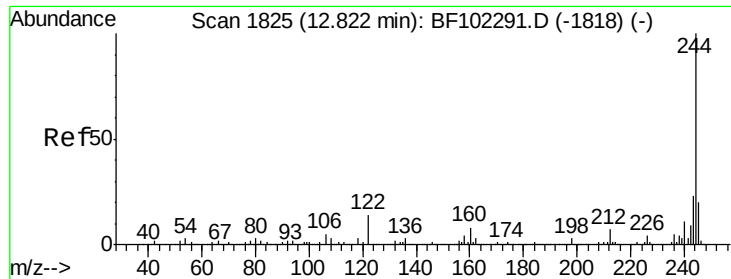
Acq: 1 Feb 2018 2:50

Tgt Ion:	202	Resp:	695449
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.7	14.3	21.5



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





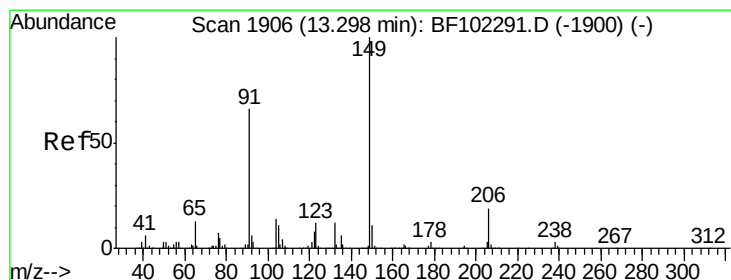
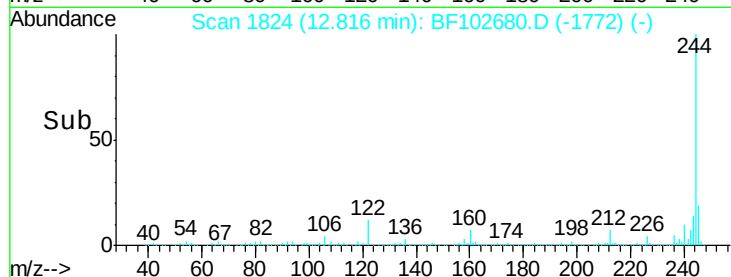
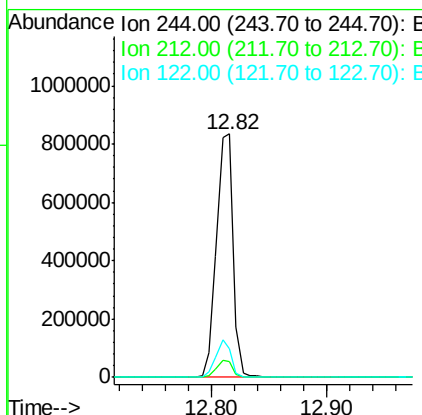
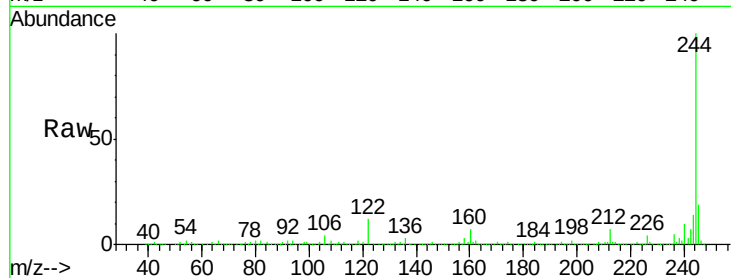
#78
 Terphenyl-d14
 Concen: 70.578 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4

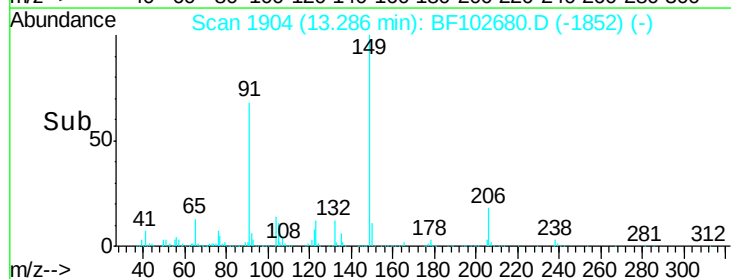
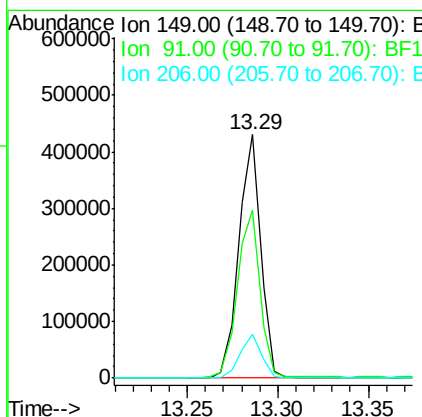
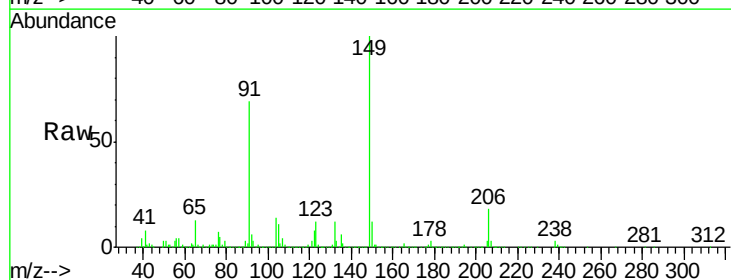
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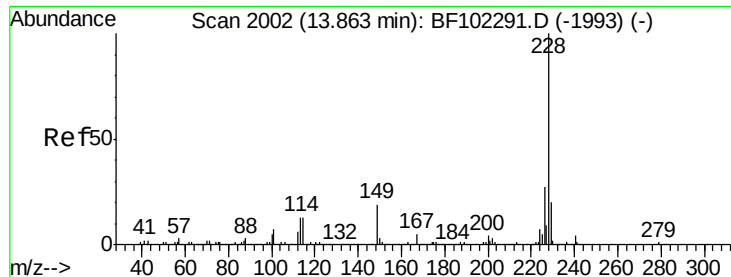
Sohil
 2/1/2018 12:14:40 PM



#79
 Butylbenzylphthalate
 Concen: 34.822 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.8	85.2
206	18.3	14.1	21.1





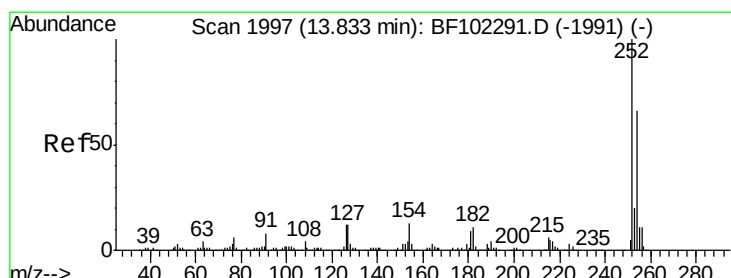
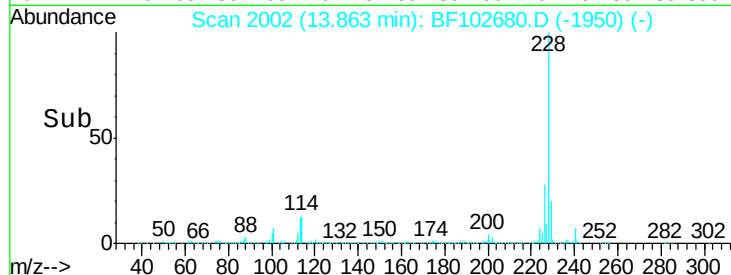
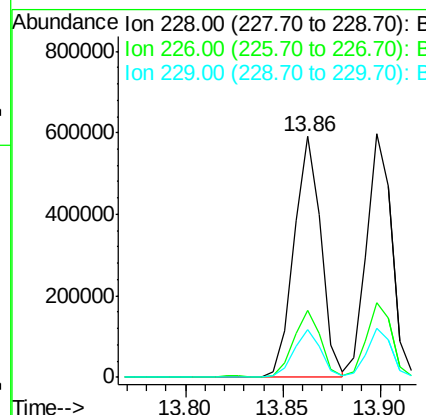
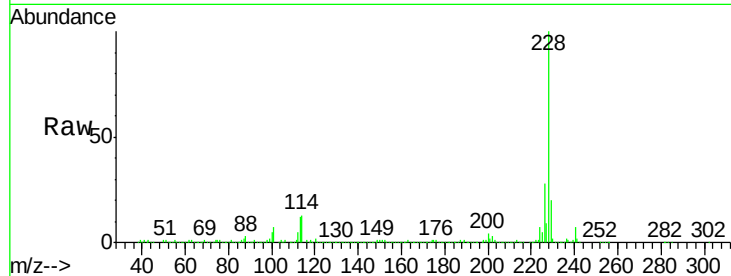
#80
Benzo(a)anthracene
Concen: 34.174 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6

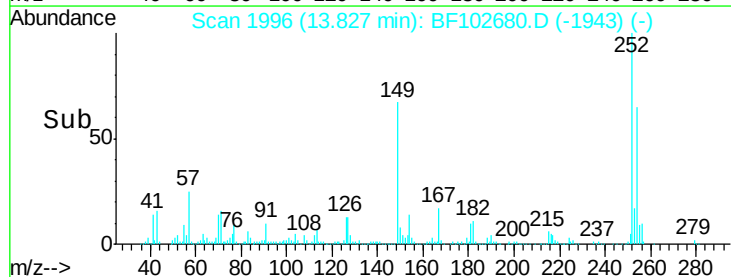
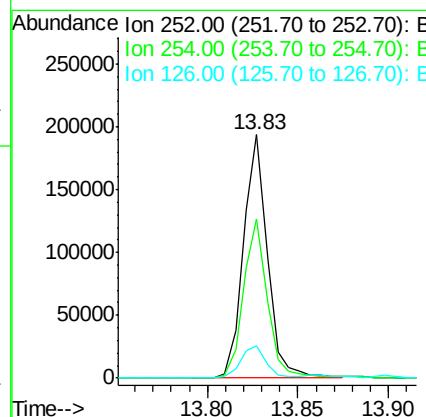
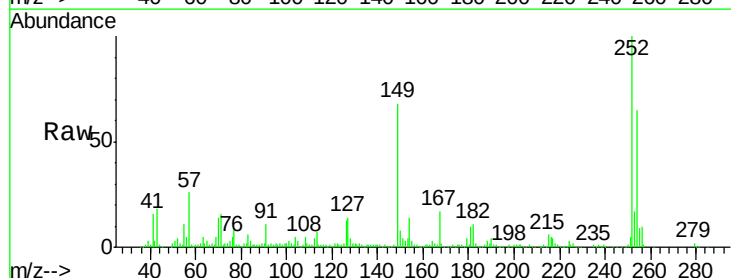
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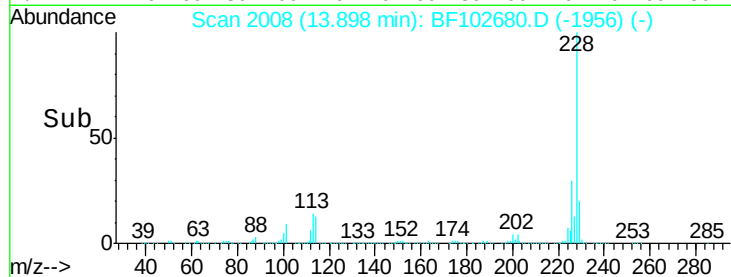
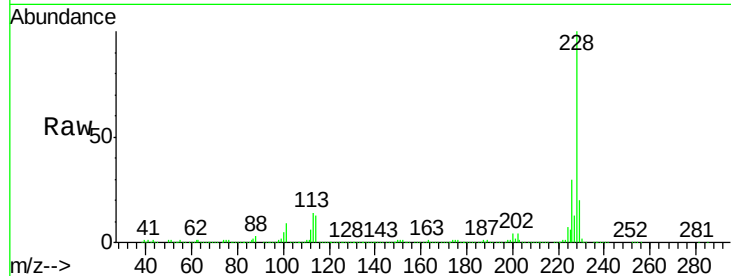
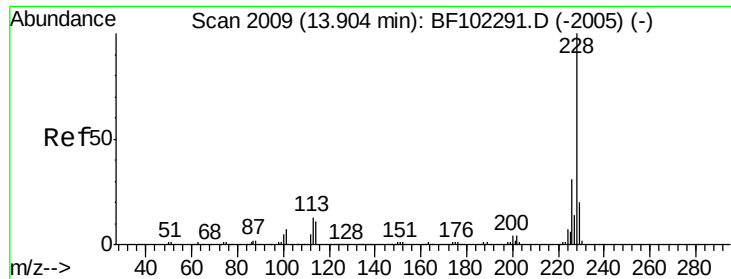
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#81
3,3'-Dichlorobenzidine
Concen: 29.339 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	13.5	11.3	16.9





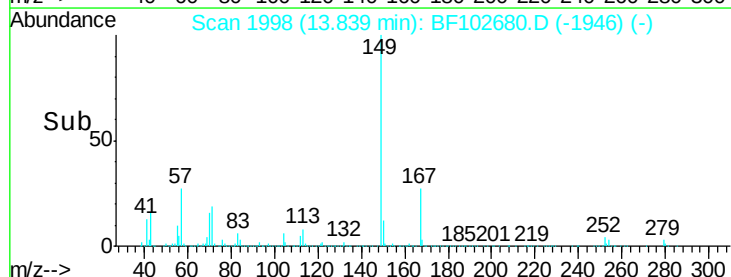
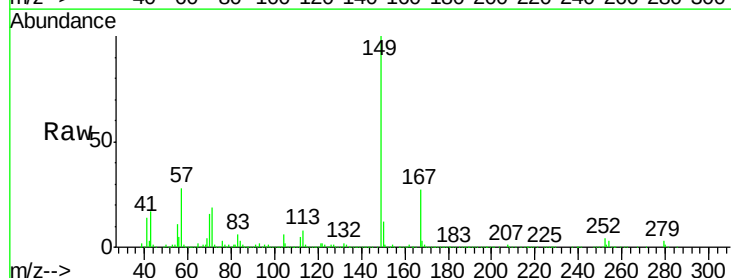
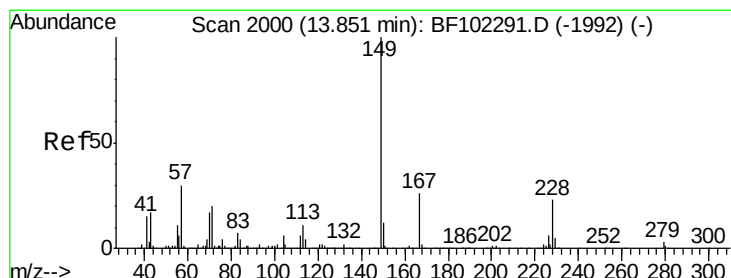
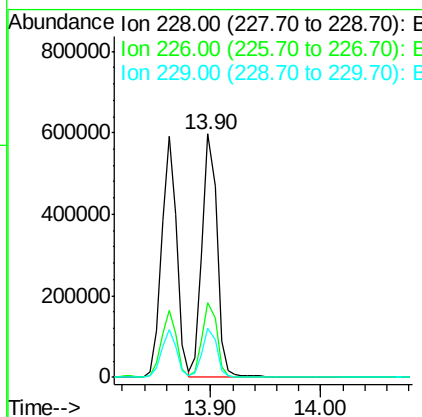
#82
 Chrysene
 Concen: 32.325 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.2	16.2	24.4

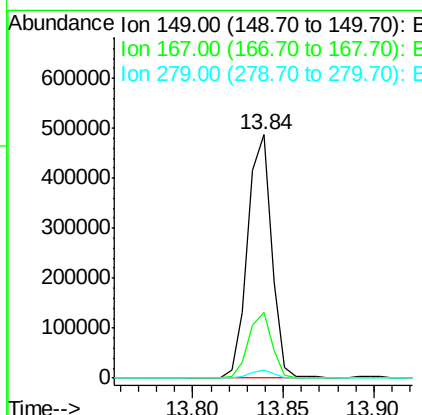
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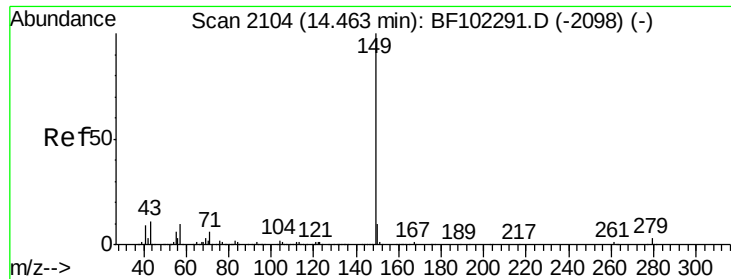
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.156 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.3	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 35.341 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

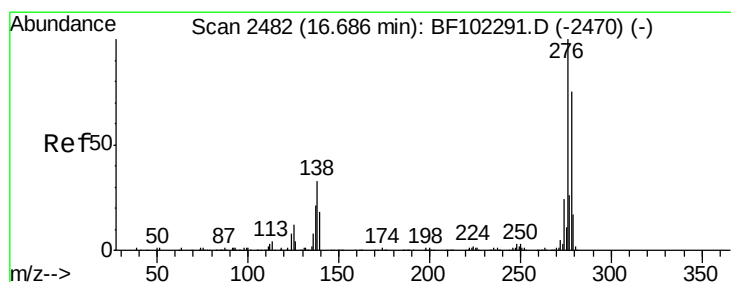
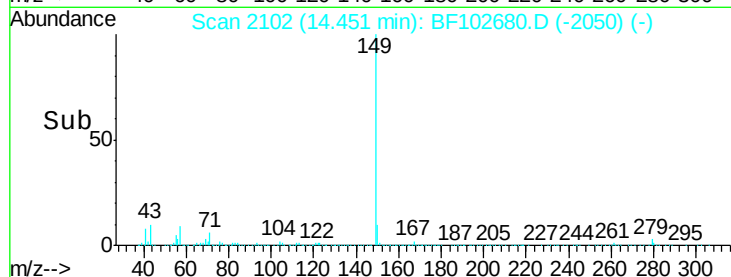
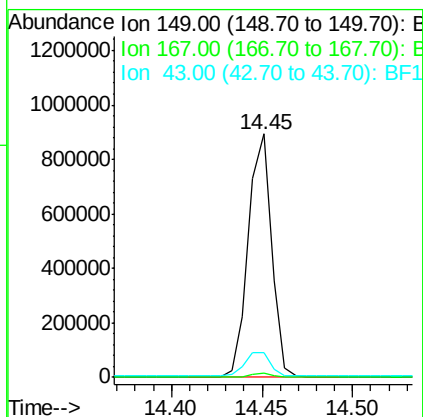
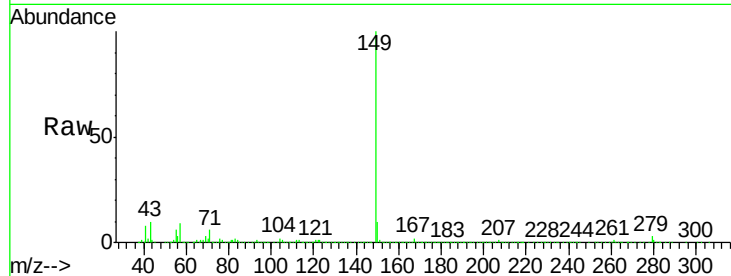
ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion:	149	Resp:	798144
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.5	8.4	12.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 24.527 ng

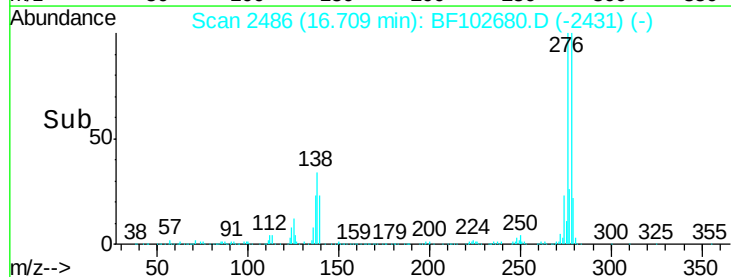
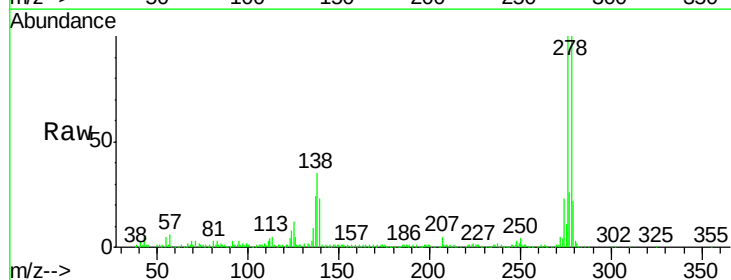
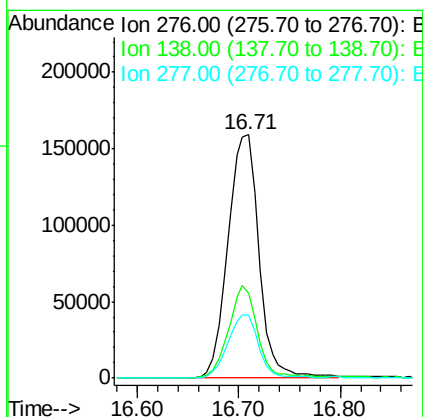
RT: 16.71 min Scan# 2486

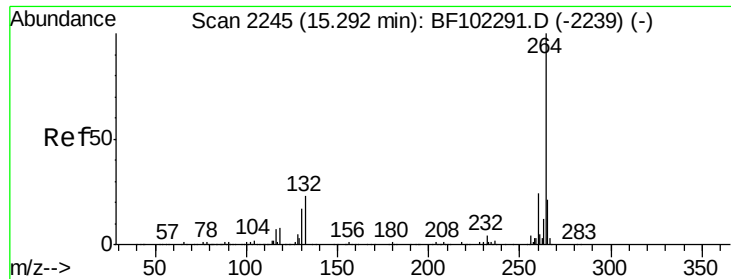
Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:	276	Resp:	340116
Ion Ratio	Lower	Upper	
276	100		
138	34.6	25.0	37.6
277	25.9	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

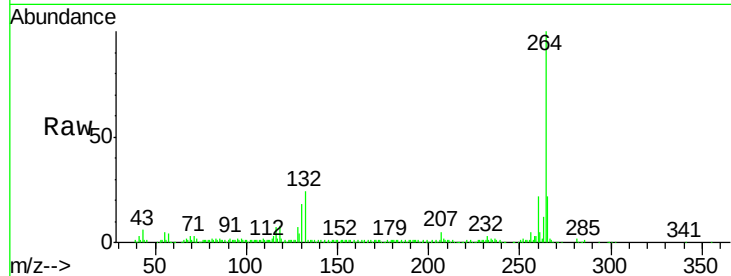
ClientSampleId :

EPE-106-5(120-122)MS

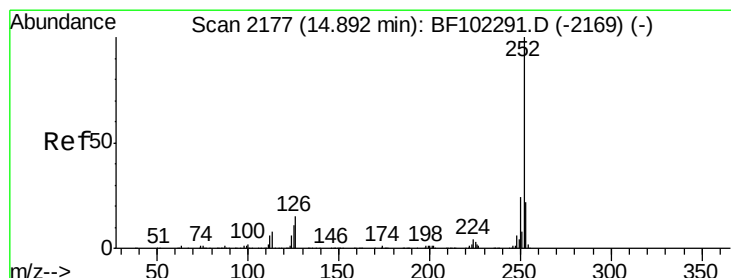
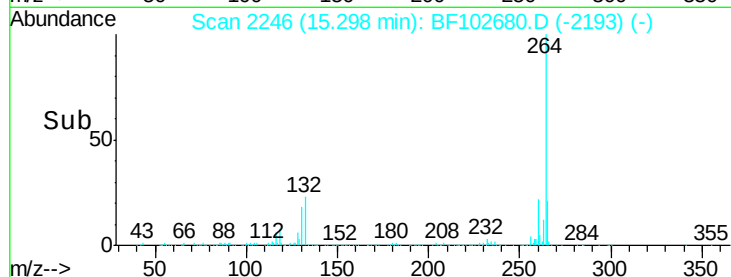
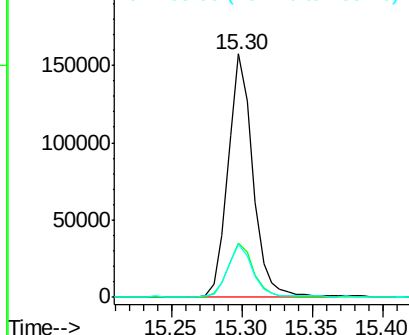
Tot Ion:	264	Resp:	193380
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.2	28.8
265	21.6	17.5	26.3

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



#87

Benzo(b)fluoranthene

Concen: 33.668 ng

RT: 14.89 min Scan# 2177

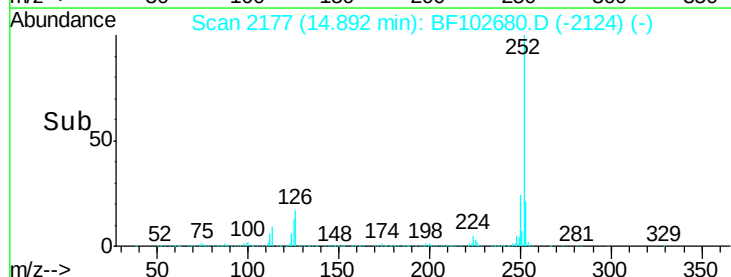
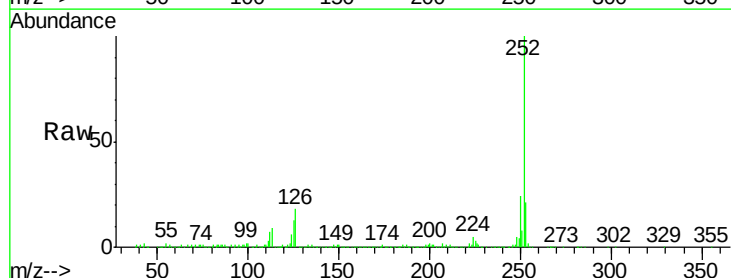
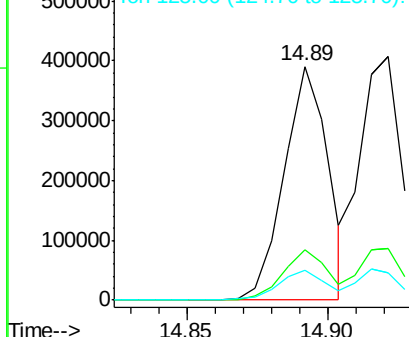
Delta R.T. 0.01 min

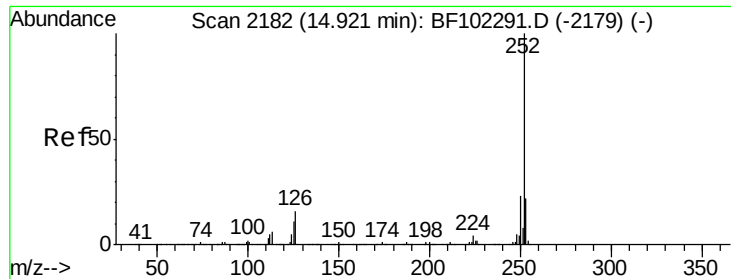
Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:	252	Resp:	421993
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.0	25.6
125	12.9	9.0	13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 36.509 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

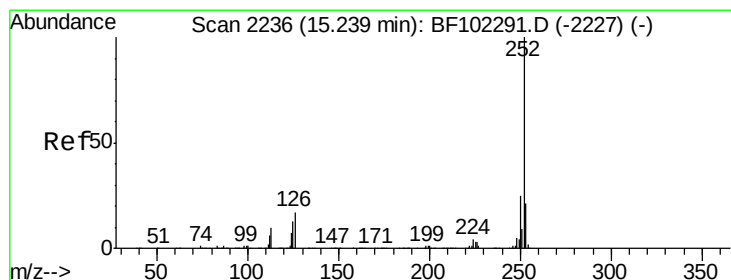
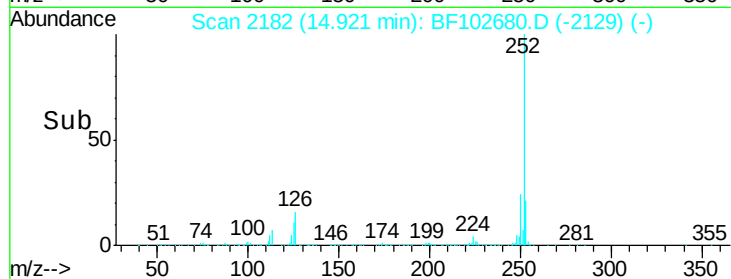
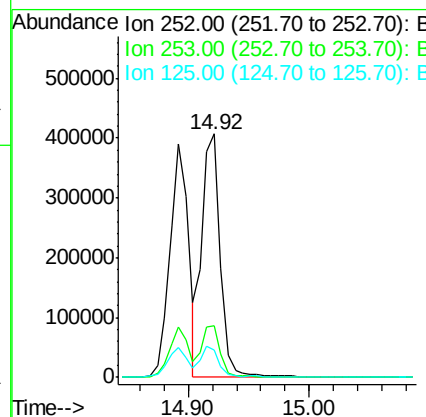
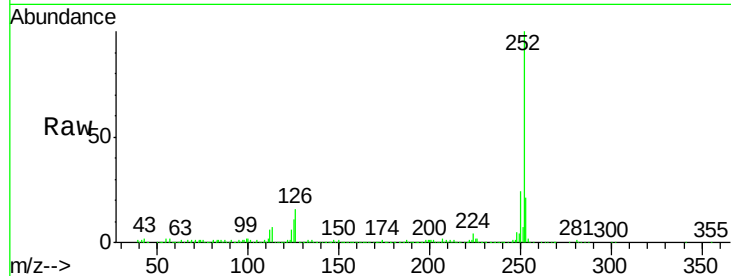
ClientSampleId :

EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.1	10.2	15.2

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#89

Benzo(a)pyrene

Concen: 33.722 ng

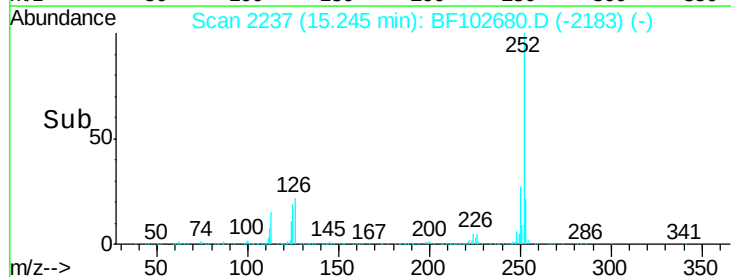
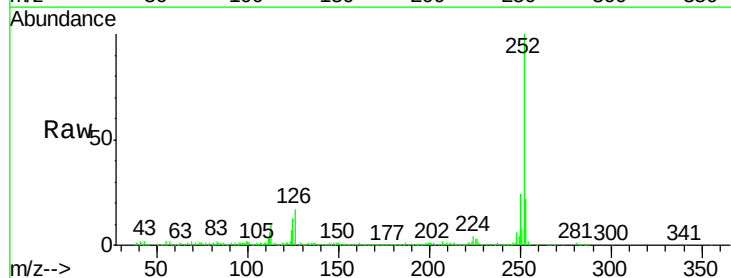
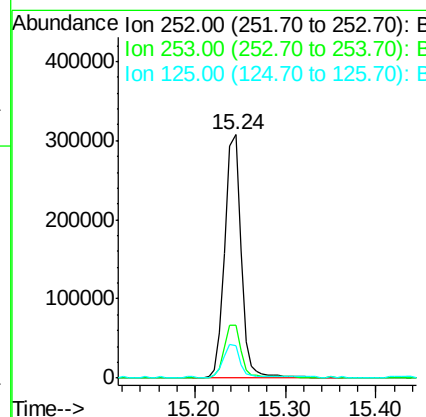
RT: 15.24 min Scan# 2237

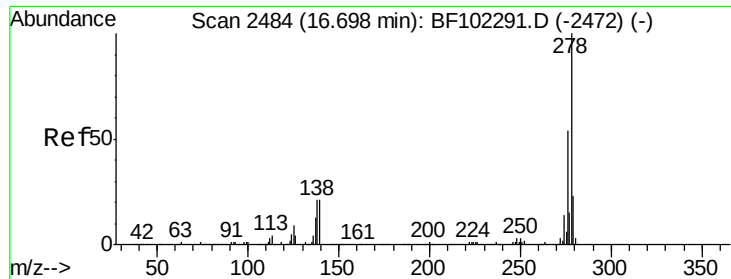
Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	13.2	9.8	14.6





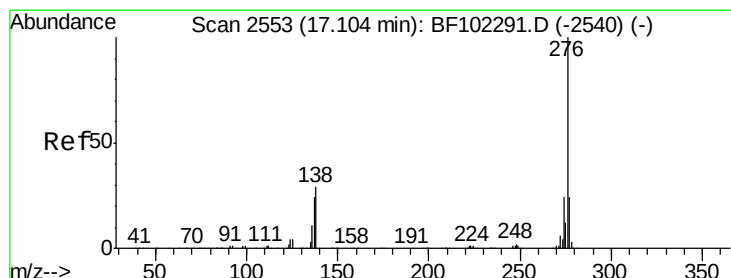
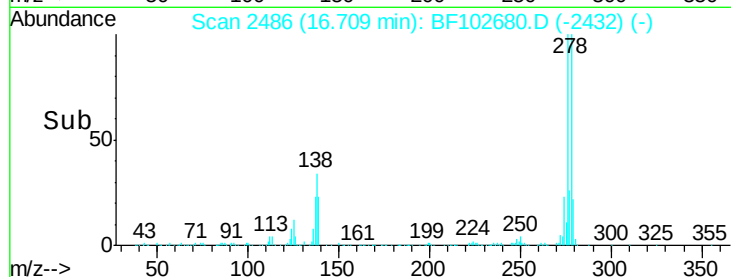
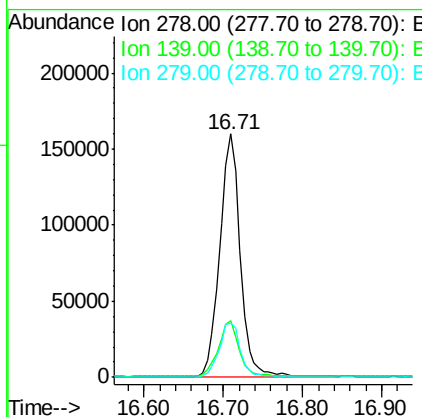
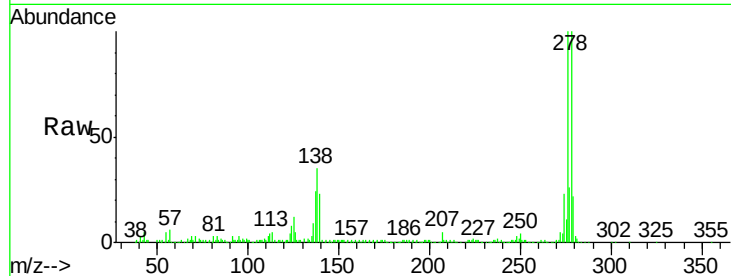
#90
Dibenzo(a,h)anthracene
Concen: 31.630 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.02 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.4	15.9	23.9
279	22.1	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 31.654 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.02 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	17.9	26.9
138	30.8	21.8	32.8

