

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102556.D
 Acq On : 28 Jan 2018 14:44
 Operator : SJ/JU
 Sample : PB106105BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Manual Integrations
 APPROVED

Quant Time: Jan 29 03:32:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

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 1/29/2018 5:47:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152289	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	641412	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	305901	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	518758	20.00	ng	0.00
75) Chrysene-d12	13.88	240	430288	20.00	ng	0.00
86) Perylene-d12	15.30	264	344048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1184117	117.90	ng	0.01
7) Phenol-d6	6.37	99	1436839	118.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	905019	81.08	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	304095	100.33	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1597260	76.77	ng	0.00
78) Terphenyl-d14	12.82	244	1546837	81.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	180897	37.907	ng	95
3) Pyridine	3.15	79	502043	40.257	ng	95
4) n-Nitrosodimethylamine	3.10	42	239165	48.918	ng	# 98
6) Aniline	6.38	93	237791	14.847	ng	# 1
8) 2-Chlorophenol	6.50	128	452147	42.945	ng	97
9) Benzaldehyde	6.26	77	213046	28.958	ng	92
10) Phenol	6.38	94	534502	40.433	ng	89
11) bis(2-Chloroethyl)ether	6.46	93	440501	43.813	ng	99
12) 1,3-Dichlorobenzene	6.65	146	481115	38.423	ng	100
13) 1,4-Dichlorobenzene	6.73	146	490366	39.095	ng	100
14) 1,2-Dichlorobenzene	6.88	146	447856	39.035	ng	99
15) Benzyl Alcohol	6.86	79	341850	40.013	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	678915	40.261	ng	75
17) 2-Methylphenol	6.98	107	373806	40.881	ng	# 93
18) Hexachloroethane	7.22	117	173964	39.801	ng	91
19) n-Nitroso-di-n-propylamine	7.13	70	311017	41.972	ng	99
20) 3+4-Methylphenols	7.14	107	481699	44.792	ng	96
22) Acetophenone	7.13	105	626173	40.953	ng	97
24) Nitrobenzene	7.30	77	470639	41.204	ng	96
25) Isophorone	7.54	82	863800	43.411	ng	100
26) 2-Nitrophenol	7.62	139	259796	43.215	ng	97
27) 2,4-Dimethylphenol	7.66	122	415739	47.626	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	553652	45.043	ng	99
29) 2,4-Dichlorophenol	7.86	162	384929	43.290	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	362993	38.083	ng	99
31) Naphthalene	8.02	128	1284613	40.113	ng	99
32) Benzoic acid	7.82	122	295493	40.403	ng	99
33) 4-Chloroaniline	8.07	127	125757	9.338	ng	98
34) Hexachlorobutadiene	8.13	225	191184	37.555	ng	99
35) Caprolactam	8.46	113	141466m	48.173	ng	
36) 4-Chloro-3-methylphenol	8.57	107	423680	45.204	ng	97
37) 2-Methylnaphthalene	8.71	142	897455	42.080	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	343960	37.373	ng	98
40) Hexachlorocyclopentadiene	8.86	237	254978	61.907	ng	96

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 Misc :
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Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

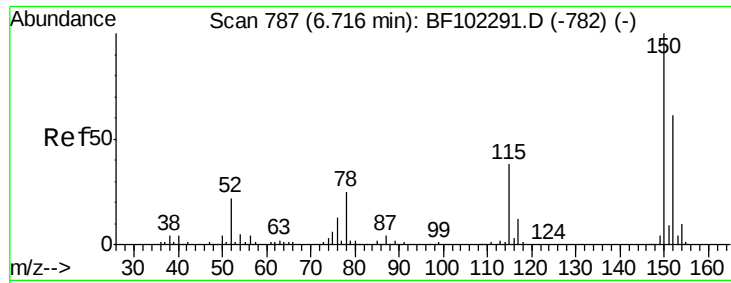
Manual Integrations
 APPROVED

Quant Time: Jan 29 03:32:50 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	246703	40.043	nq	100
43) 2,4,5-Trichlorophenol	9.04	196	256845	37.026	nq	97
45) 1,1'-Biphenyl	9.17	154	1032058	37.732	nq	99
46) 2-Chloronaphthalene	9.20	162	808460	38.026	nq	98
47) 2-Nitroaniline	9.30	65	277632	41.885	nq	97
48) Acenaphthylene	9.62	152	1221593	36.881	nq	100
49) Dimethylphthalate	9.48	163	973037	38.483	nq	99
50) 2,6-Dinitrotoluene	9.55	165	215965	39.617	nq	95
51) Acenaphthene	9.79	154	724528	37.454	nq	100
52) 3-Nitroaniline	9.72	138	118259	18.338	nq	97
53) 2,4-Dinitrophenol	9.83	184	191074	78.206	nq #	21
54) Dibenzofuran	9.96	168	1039988	39.723	nq	97
55) 4-Nitrophenol	9.90	139	287164	67.458	nq	95
56) 2,4-Dinitrotoluene	9.96	165	258460	38.554	nq #	87
57) Fluorene	10.30	166	849122	40.930	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	203413	41.070	nq	98
59) Diethylphthalate	10.17	149	972861	39.595	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	364330	40.506	nq	98
61) 4-Nitroaniline	10.34	138	252978	39.312	nq	87
62) Azobenzene	10.45	77	929556	41.321	nq	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	135823	39.245	nq	84
65) n-Nitrosodiphenylamine	10.42	169	777805	40.850	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	232815	41.690	nq	94
67) Hexachlorobenzene	10.84	284	227881	36.487	nq	98
68) Atrazine	10.94	200	242351	43.096	nq	99
69) Pentachlorophenol	11.05	266	217640	66.336	nq	98
70) Phenanthrene	11.26	178	1153726	38.166	nq	99
71) Anthracene	11.32	178	1179525	38.229	nq	100
72) Carbazole	11.47	167	1184273	39.343	nq	99
73) Di-n-butylphthalate	11.80	149	1516515	40.305	nq	99
74) Fluoranthene	12.45	202	1257794	40.802	nq	99
76) Benzidine	12.57	184	393768	27.241	nq	98
77) Pyrene	12.68	202	1304003	39.197	nq	99
79) Butylbenzylphthalate	13.29	149	683502	41.284	nq	98
80) Benzo(a)anthracene	13.87	228	1085973	40.993	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	228470	23.510	nq	98
82) Chrysene	13.91	228	1051740	39.095	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	946674	42.548	nq #	99
84) Di-n-octyl phthalate	14.46	149	1483589	41.002	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	735548	33.107	nq	96
87) Benzo(b)fluoranthene	14.90	252	912994	40.942	nq	98
88) Benzo(k)fluoranthene	14.93	252	840435	39.891	nq	99
89) Benzo(a)pyrene	15.24	252	817268	40.637	nq #	97
90) Dibenzo(a,h)anthracene	16.72	278	598835	36.758	nq	98
91) Benzo(g,h,i)perylene	17.13	276	635524	39.508	nq	96

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



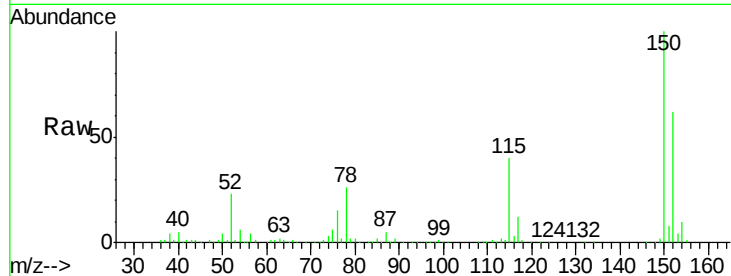
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

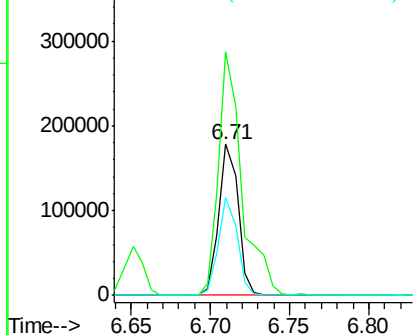
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	64.6	50.1	75.1

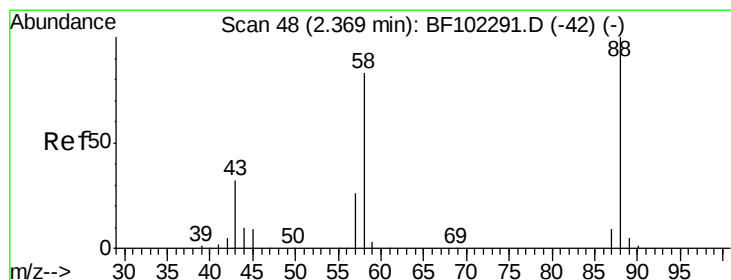
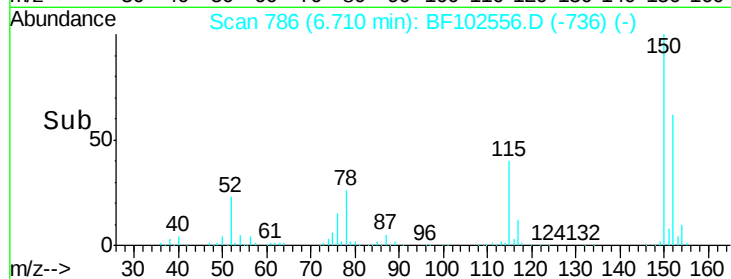
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



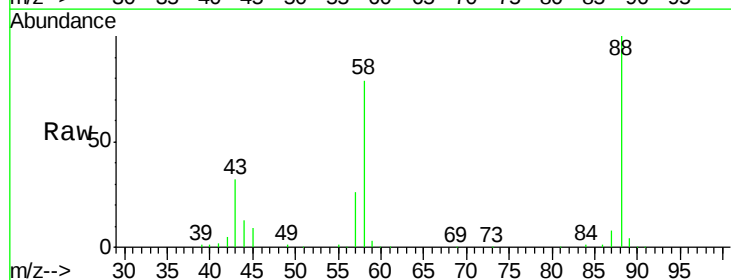
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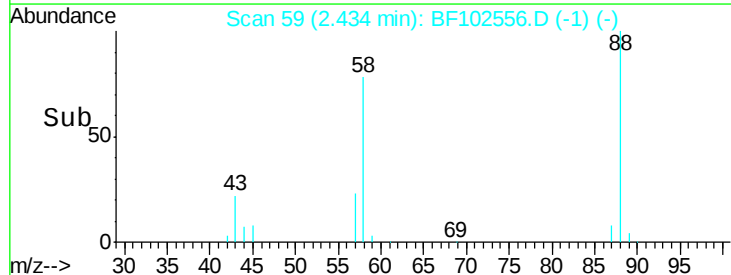
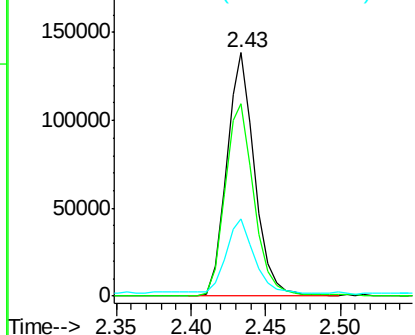
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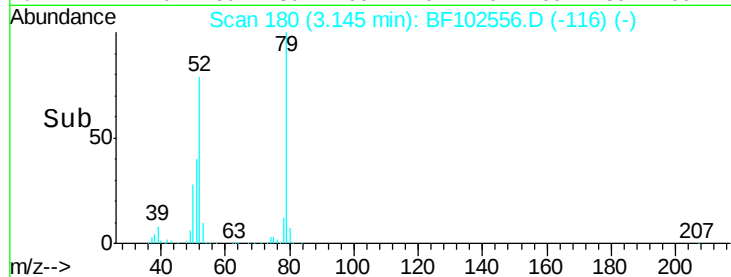
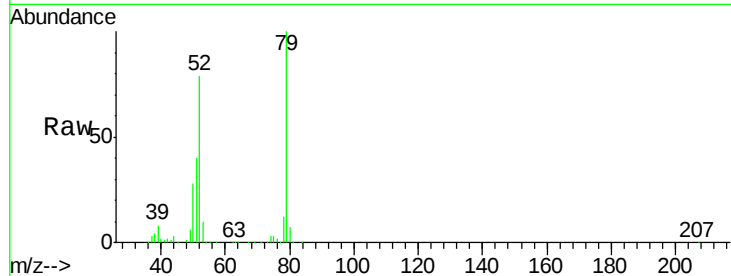
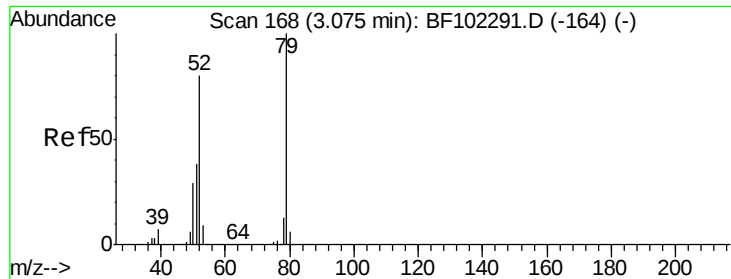
1,4-Dioxane
Concen: 37.907 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.07 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	62.6	93.8
43	30.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





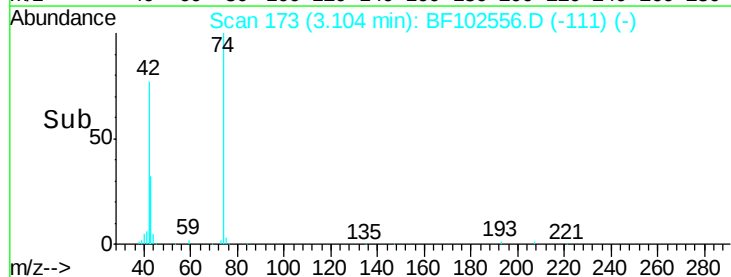
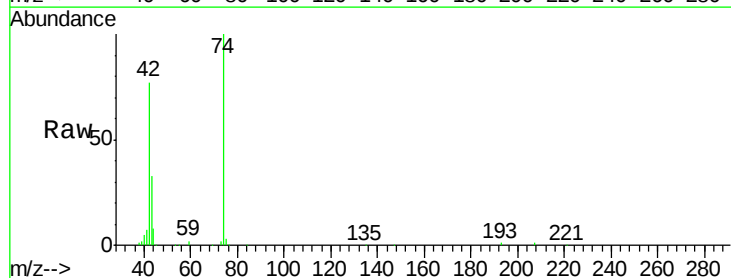
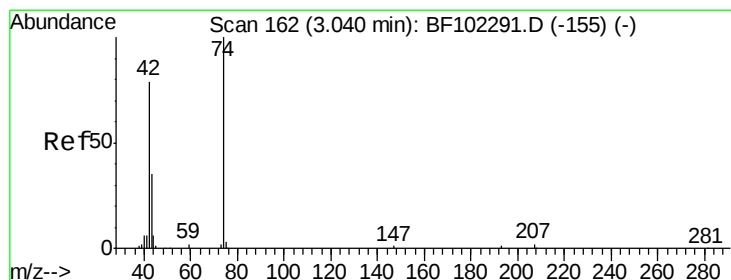
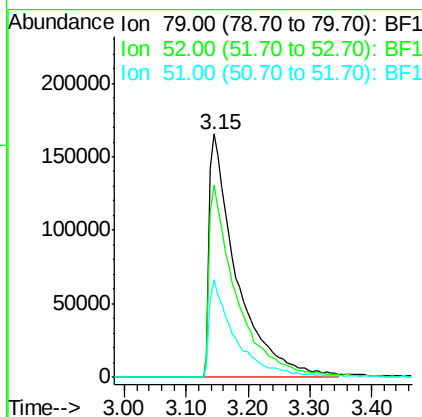
#3
 Pvridine
 Concen: 40.257 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.08 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	502043		
52	52	78.8		59.8	89.6
51	51	40.0		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

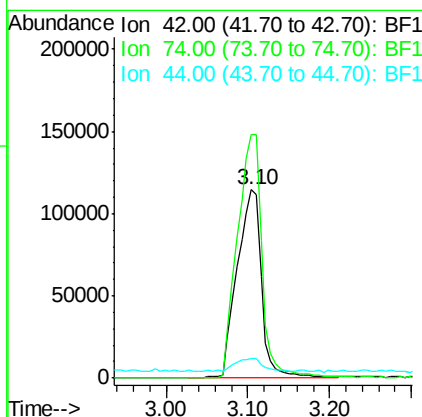
Manual Integrations
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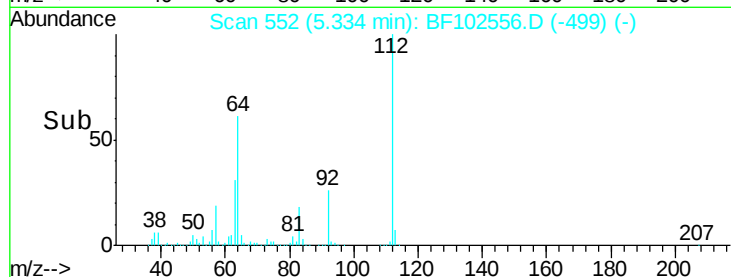
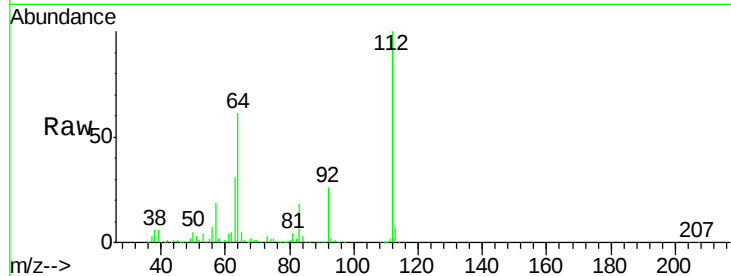
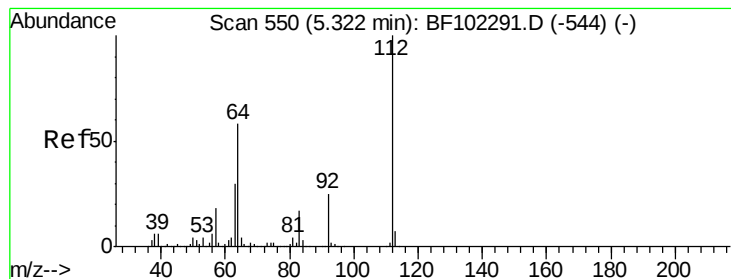
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#4
 n-Nitrosodimethylamine
 Concen: 48.918 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.06 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	239165		
74	74	129.3		104.9	157.3
44	44	10.4		6.9	10.3





#5

2-Fluorophenol

Concen: 117.896 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102556.D

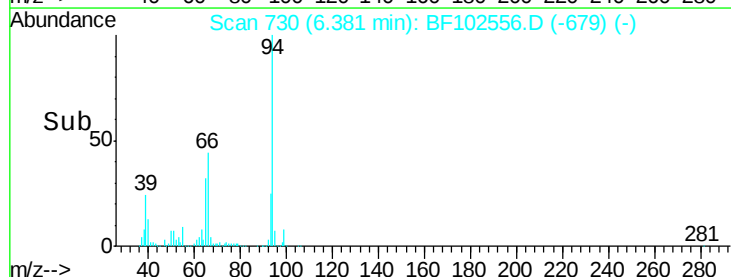
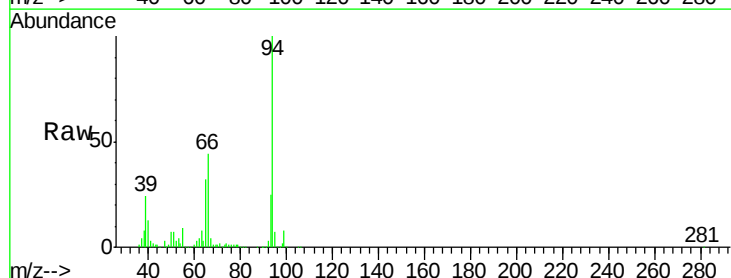
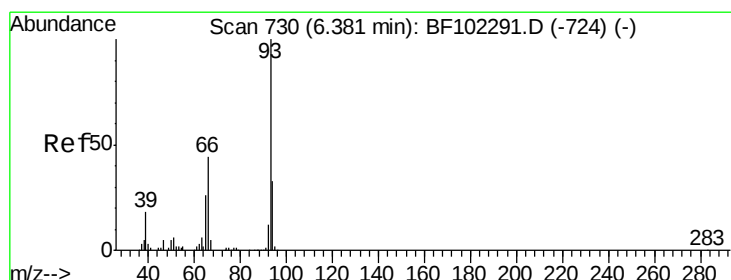
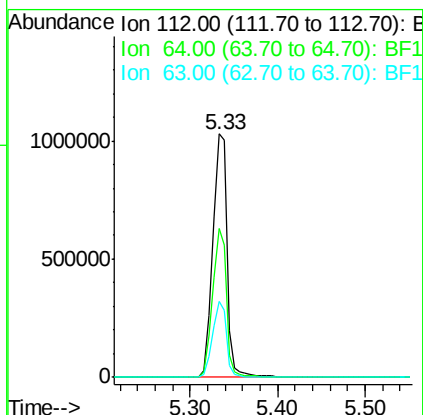
Acq: 28 Jan 2018 14:44

Tot Ion:	112	Resp:	1184117
Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	31.1	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
PB106105BS

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#6

Aniline

Concen: 14.847 ng

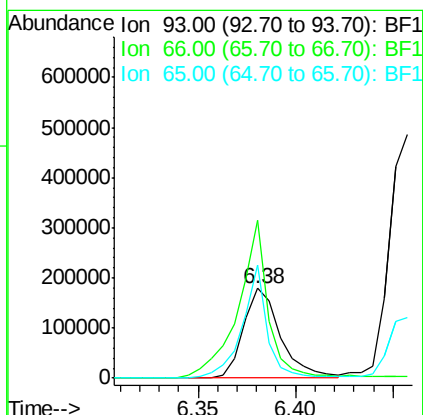
RT: 6.38 min Scan# 730

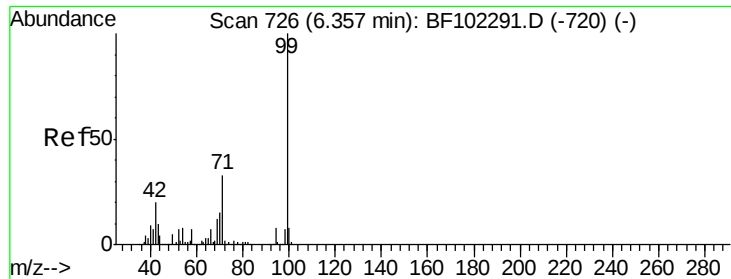
Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tgt Ion:	93	Resp:	237791
Ion	Ratio	Lower	Upper
93	100		
66	176.4	32.2	48.2#
65	126.3	16.4	24.6#





#7

Phenol-d6

Concen: 118.663 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

BNA_F

ClientSampled :

PB106105BS

Tot Ion: 99 Resp: 1436839

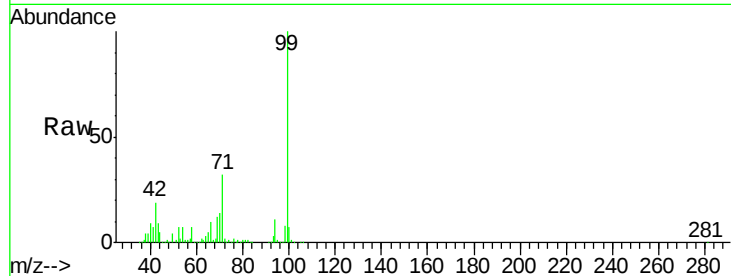
Ion Ratio Lower Upper

99 100

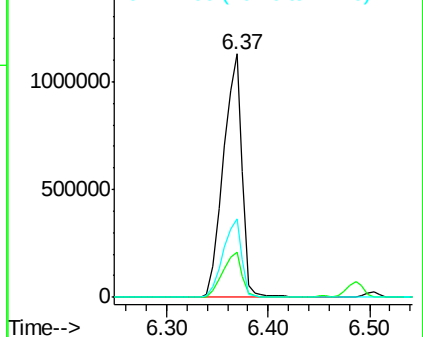
42 18.6 14.5 21.7

71 32.3 25.4 38.0

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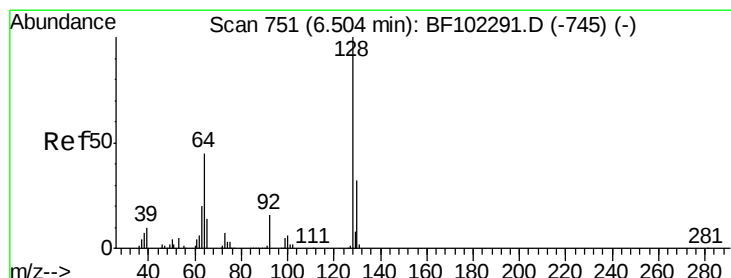
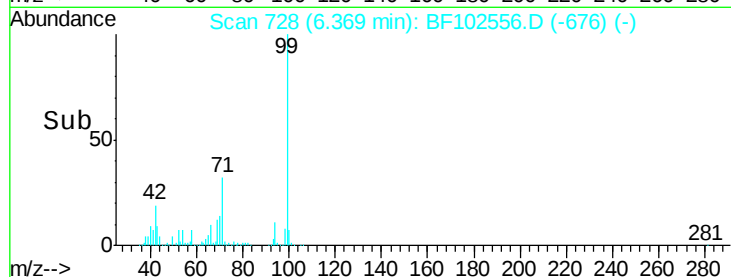


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 42.945 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

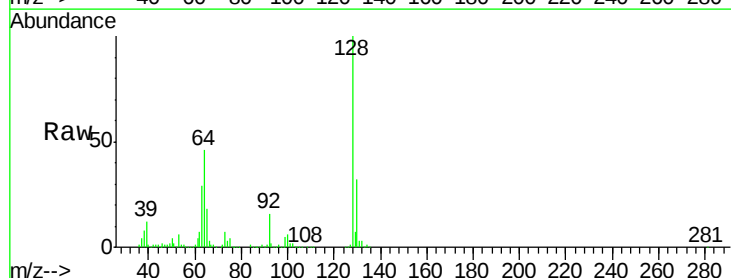
Tgt Ion: 128 Resp: 452147

Ion Ratio Lower Upper

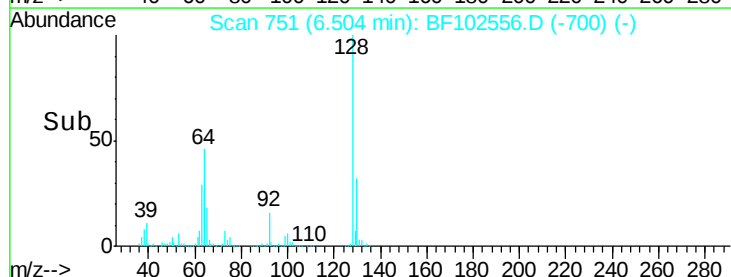
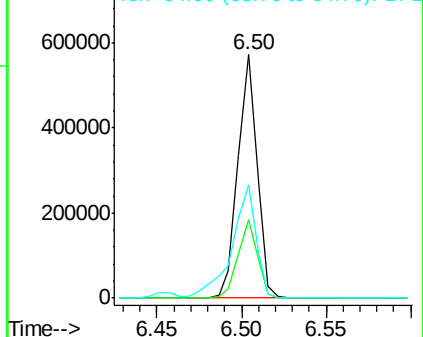
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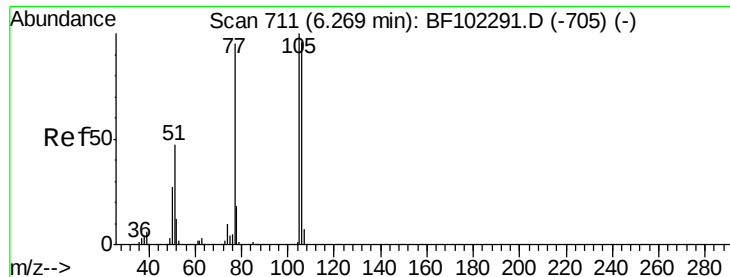
130 32.1 13.0 53.0

64 46.5 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: 28.958 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

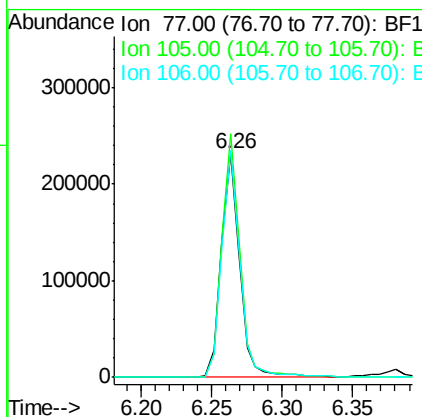
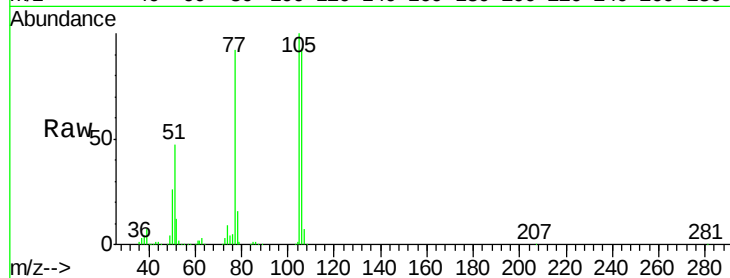
BNA_F

ClientSampleId :

PB106105BS

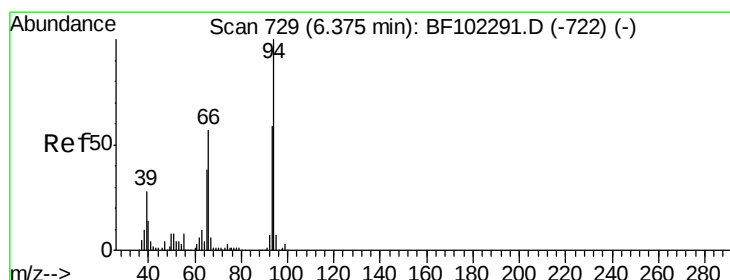
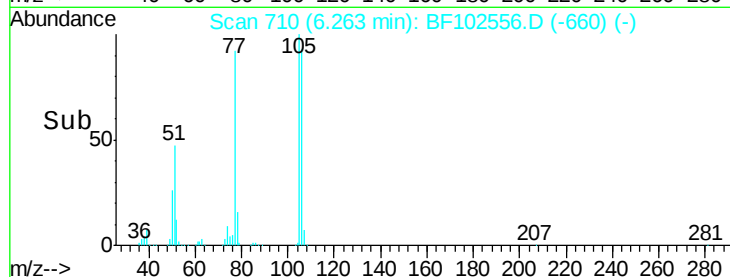
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	109.0	81.1	121.1	
106	101.5	74.5	114.5	

Manual Integrations
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#10

Phenol

Concen: 40.433 ng

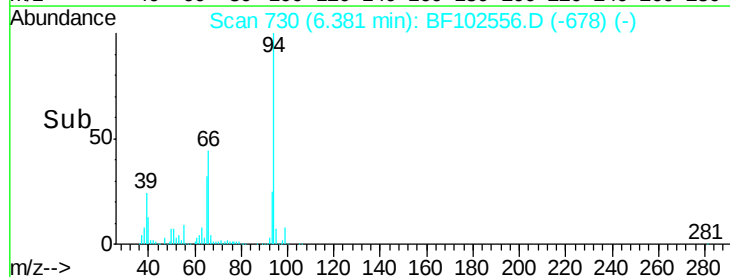
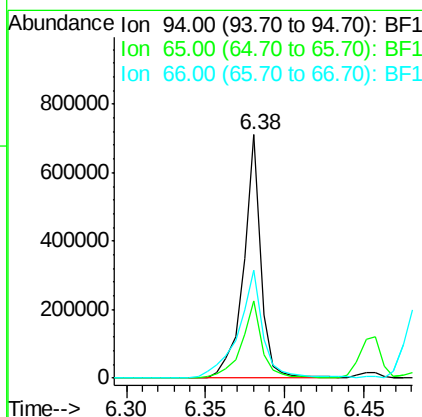
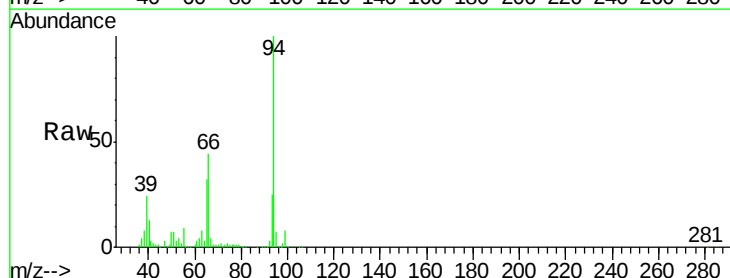
RT: 6.38 min Scan# 730

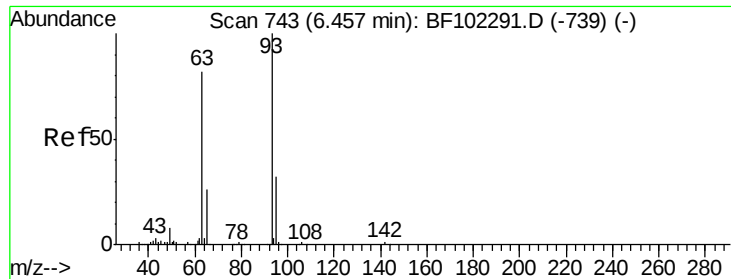
Delta R.T. 0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.7	7.9	47.9	
66	44.3	16.2	56.2	



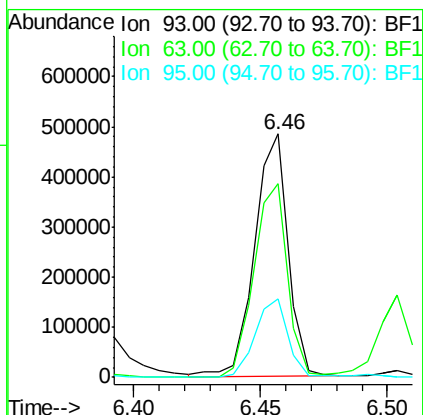
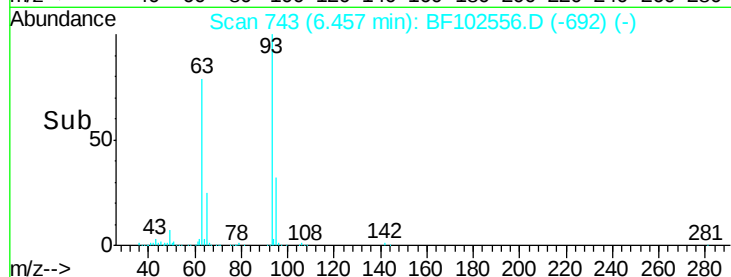
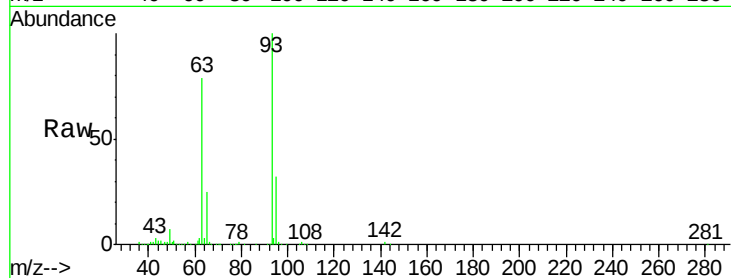


#11
bis(2-Chloroethyl)ether
Concen: 43.813 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

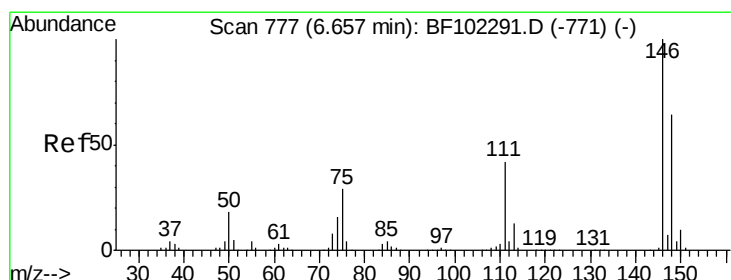
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion:	93	Resp:	440501
Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.6	98.6
95	32.4	11.8	51.8

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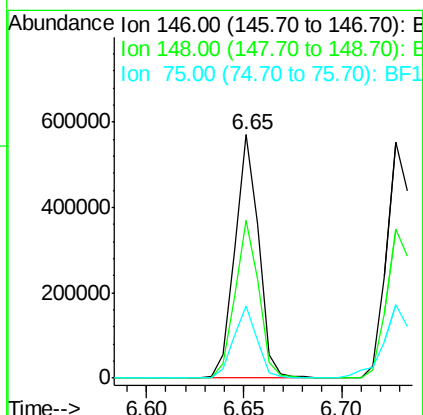
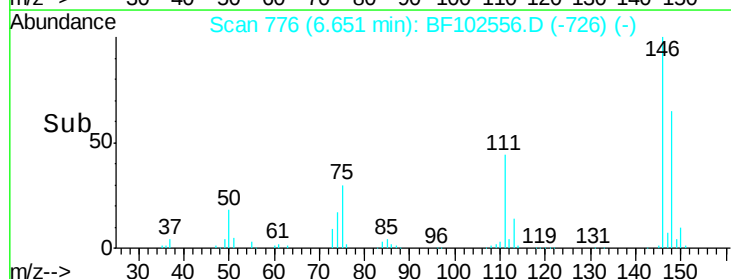
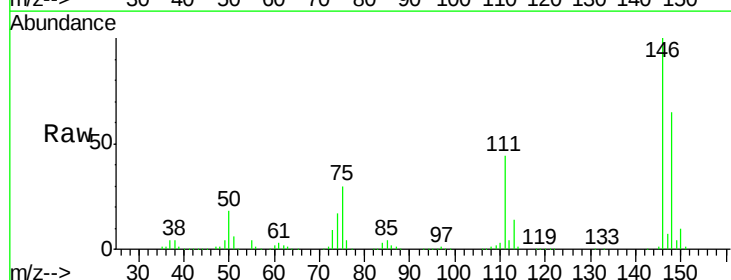


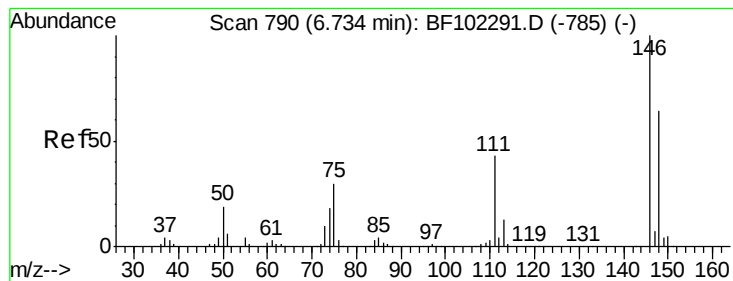
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.423 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion:	146	Resp:	481115
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.095 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tot Ion:	146	Resp:	490366
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.8	76.2
111	42.8	34.2	51.2

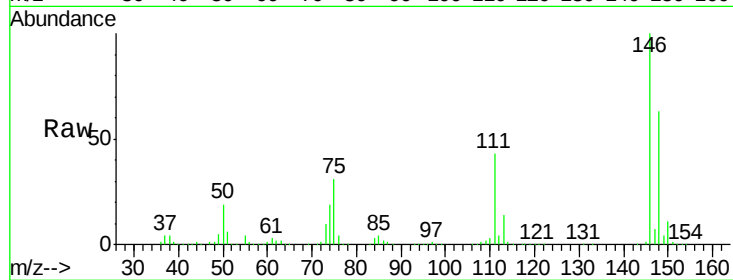
Instrument :

BNA_F

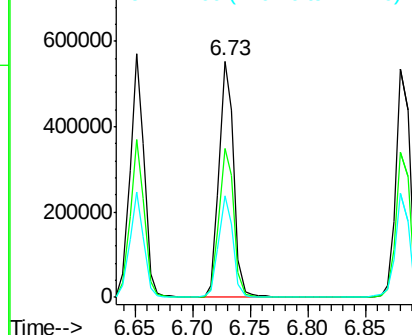
ClientSampled :

PB106105BS

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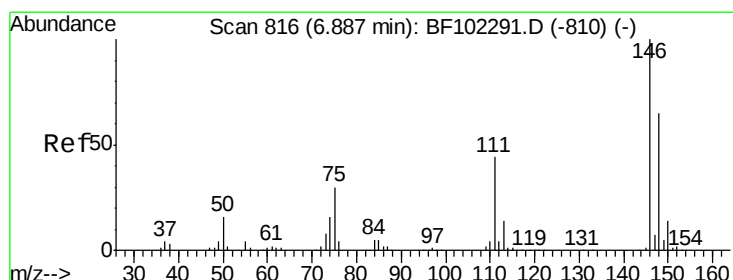
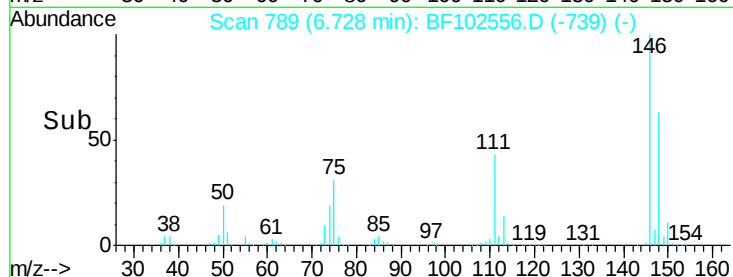


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 39.035 ng

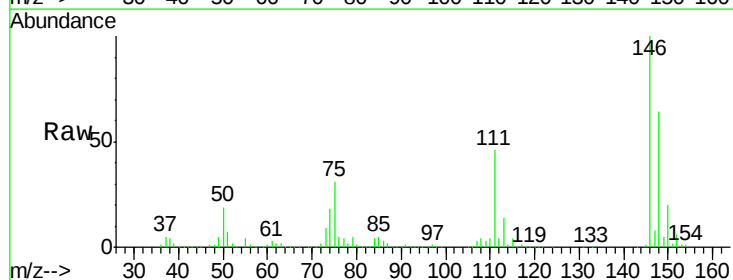
RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

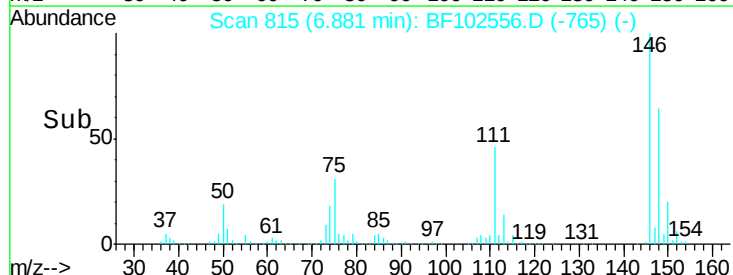
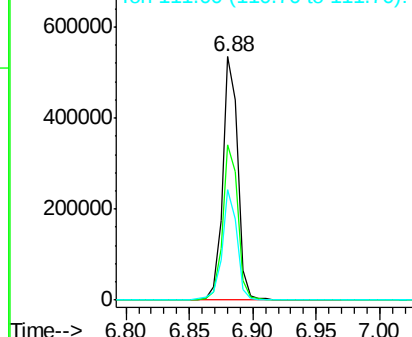
Lab File: BF102556.D

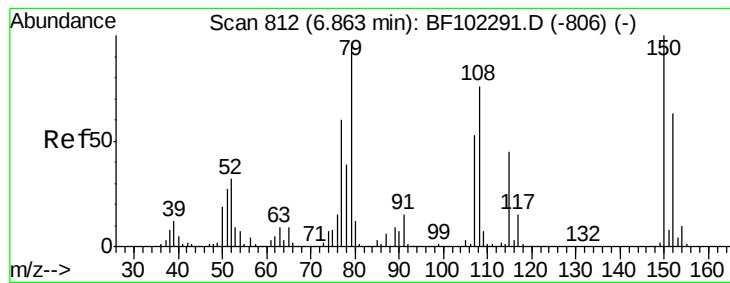
Acq: 28 Jan 2018 14:44

Tgt Ion:	146	Resp:	447856
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	45.6	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 40.013 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

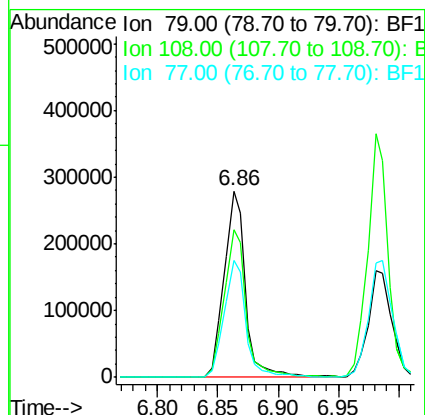
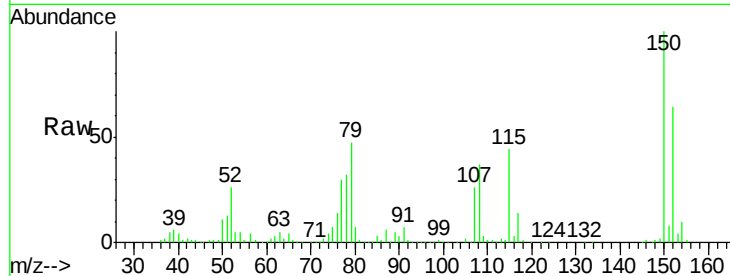
BNA_F

ClientSampled :

PB106105BS

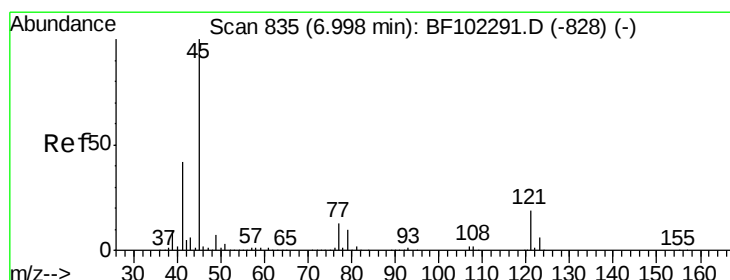
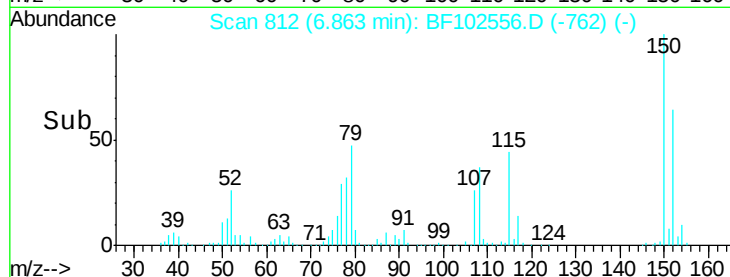
Tot Ion:	79	Resp:	341850
Ion Ratio	Lower	Upper	
79	100		
108	79.1	65.1	97.7
77	62.6	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.261 ng

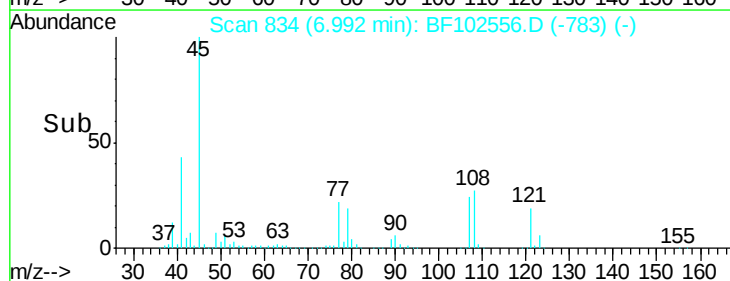
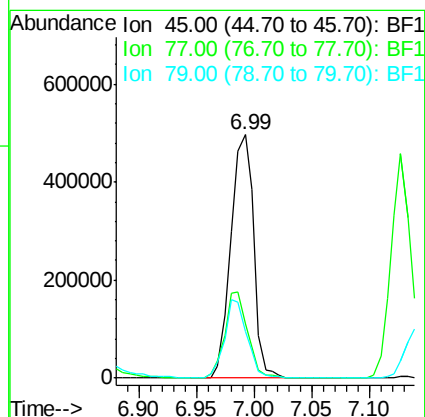
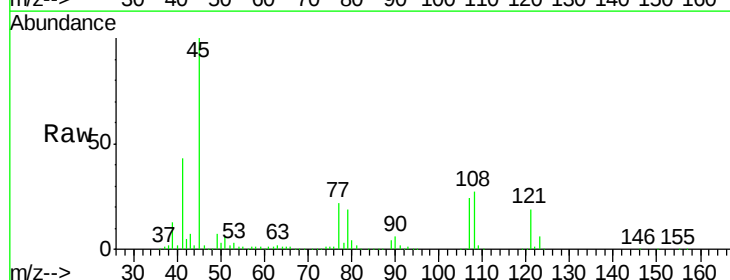
RT: 6.99 min Scan# 834

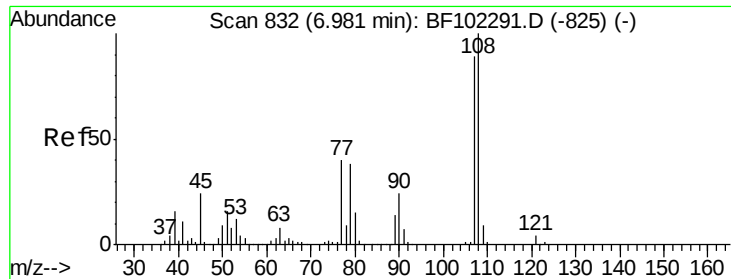
Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tgt Ion:	45	Resp:	678915
Ion Ratio	Lower	Upper	
45	100		
77	22.4	0.0	32.9
79	19.2	0.0	29.6





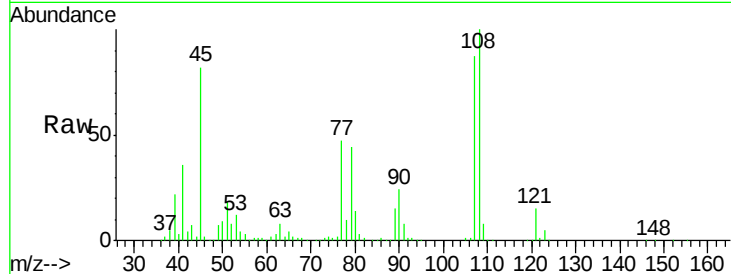
#17
2-Methylphenol
Concen: 40.881 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Instrument :
BNA_F
ClientSampleId :
PB106105BS

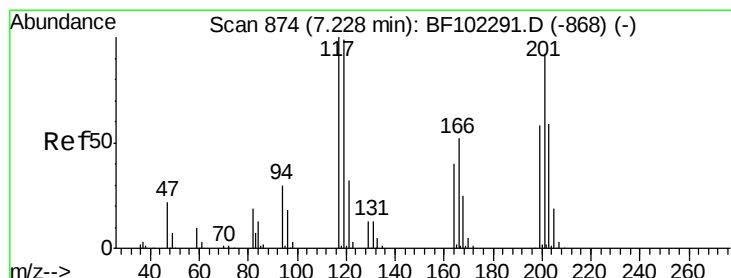
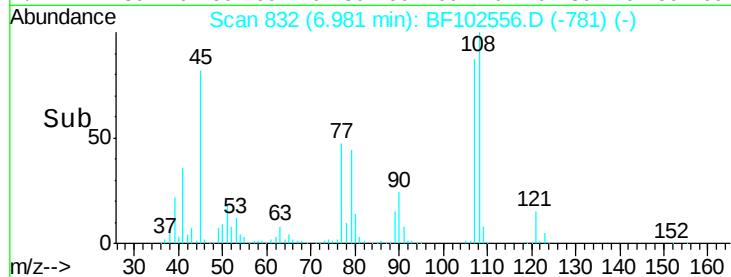
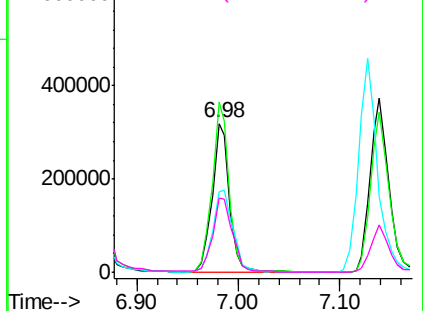
Tot Ion:	107	Resp:	373806
Ion Ratio	Lower	Upper	
107	100		
108	114.3	91.7	137.5
77	53.9	33.8	50.8#
79	50.2	33.8	50.8

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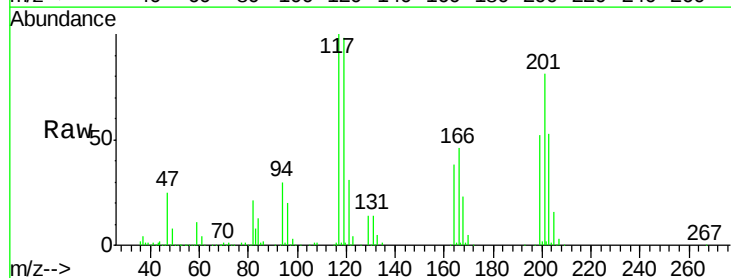


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

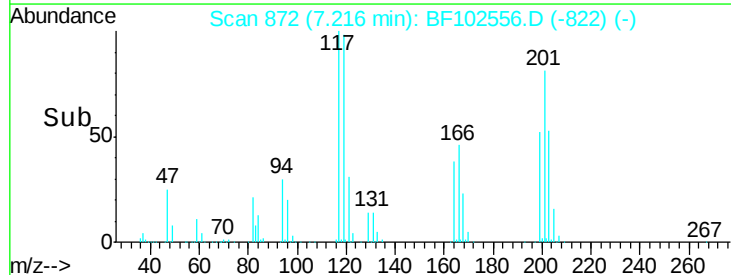
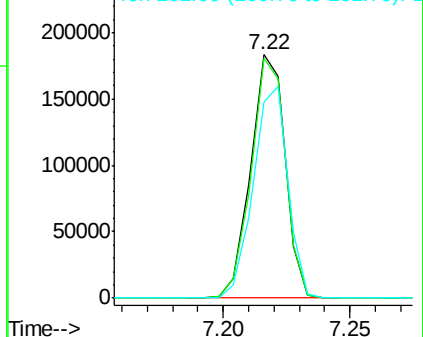


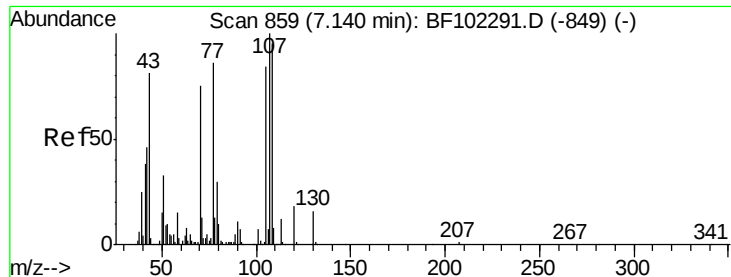
#18
Hexachloroethane
Concen: 39.801 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion:	117	Resp:	173964
Ion Ratio	Lower	Upper	
117	100		
119	98.4	75.8	113.8
201	80.5	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





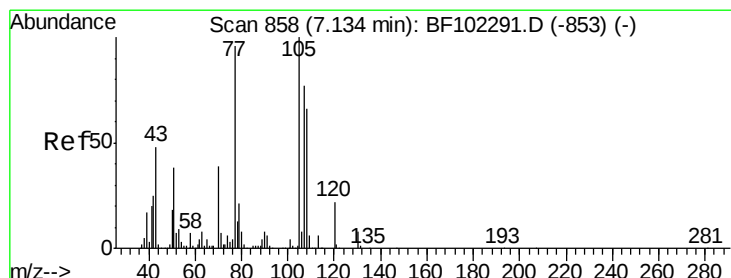
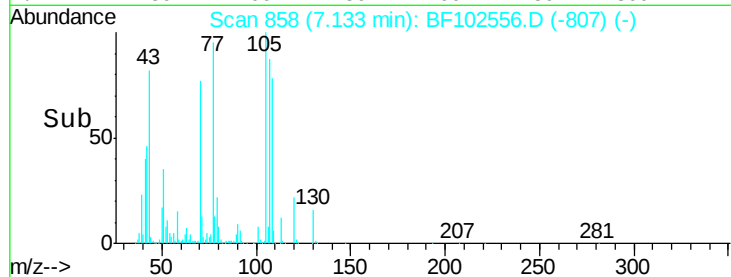
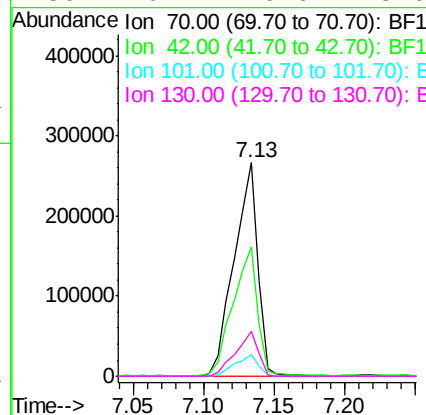
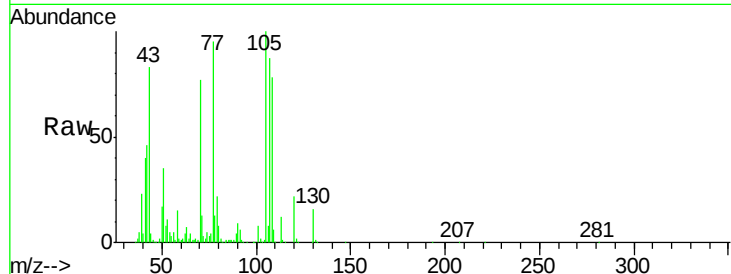
#19
n-Nitroso-di-n-propylamine
Concen: 41.972 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	70	Resp	311017
Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.5	71.3
101	10.0	7.4	11.2
130	20.7	16.6	25.0

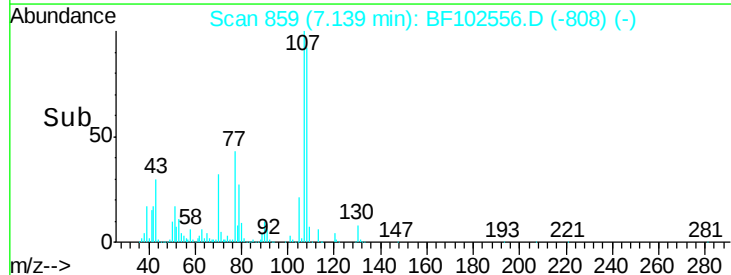
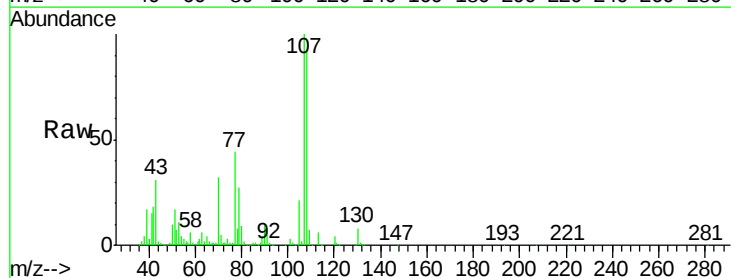
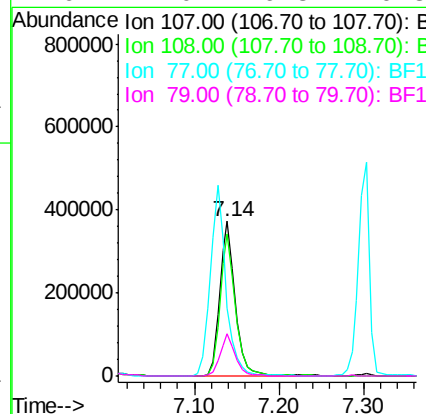
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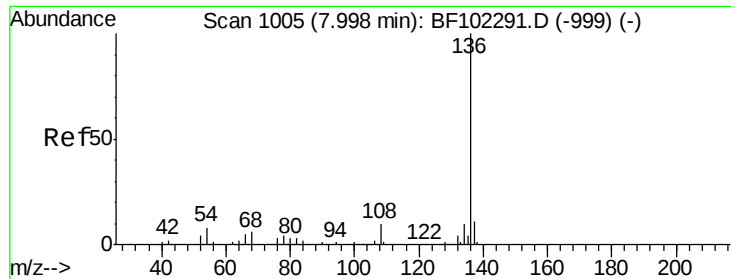
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#20
3+4-Methylphenols
Concen: 44.792 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	107	Resp	481699
Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	43.6	26.7	66.7
79	27.0	6.3	46.3





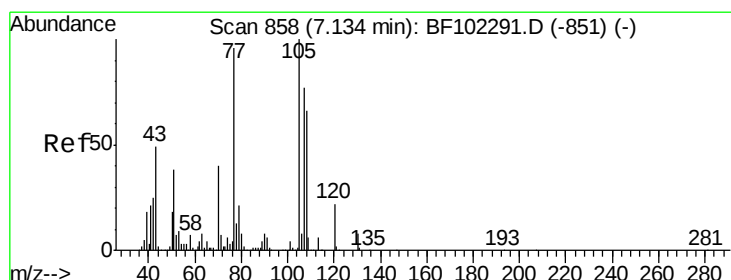
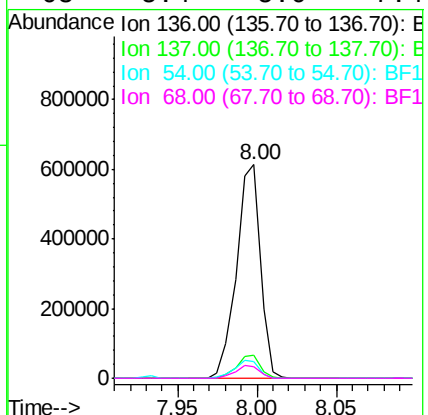
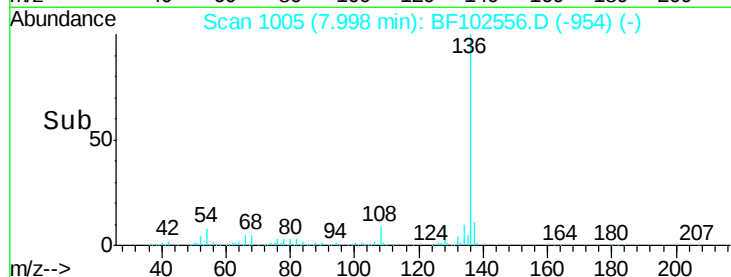
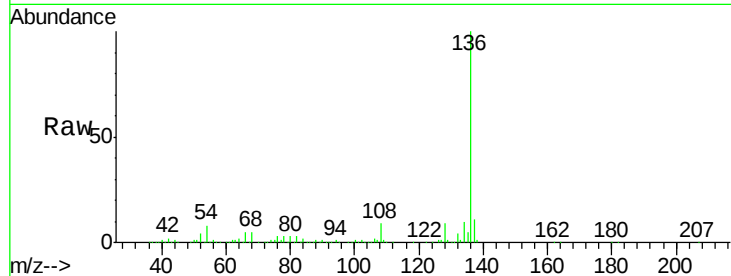
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		641412		
137	10.5		8.9	13.3	
54	7.7		6.6	9.8	
68	5.4		5.0	7.4	

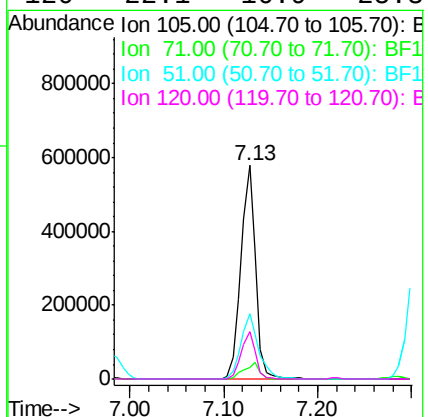
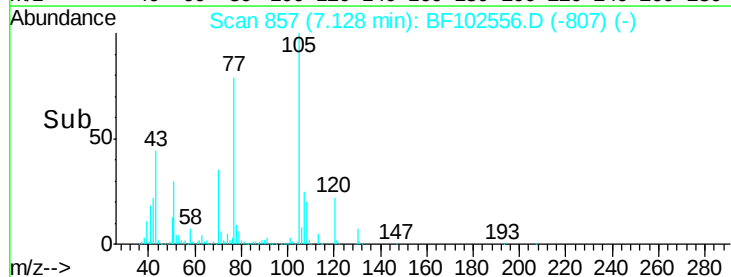
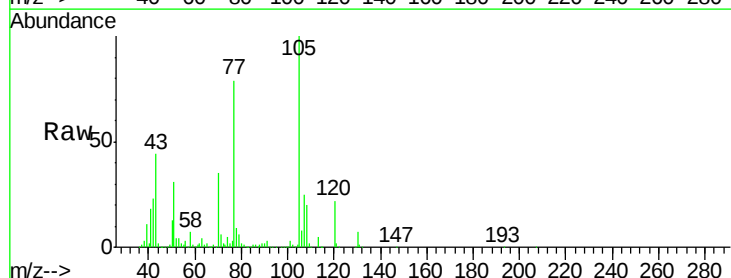
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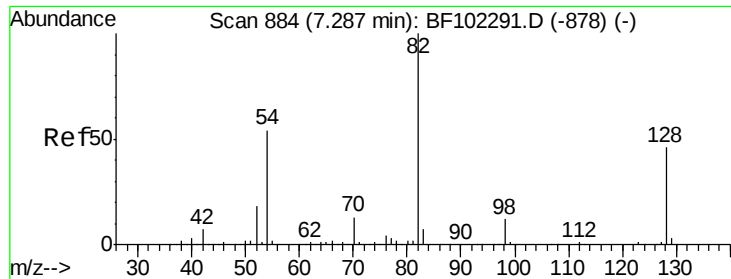
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#22
Acetophenone
Concen: 40.953 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		626173		
71	5.6		4.4	6.6	
51	30.5		22.3	33.5	
120	22.1		16.9	25.3	



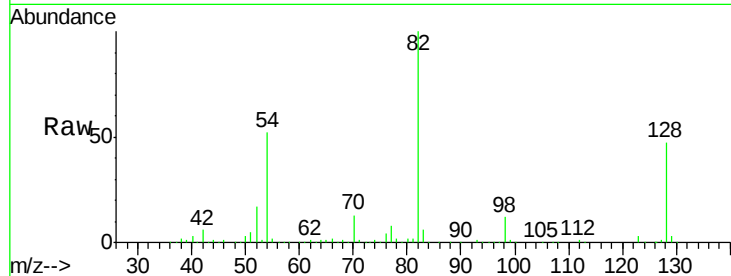


#23
Nitrobenzene-d5
Concen: 81.085 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

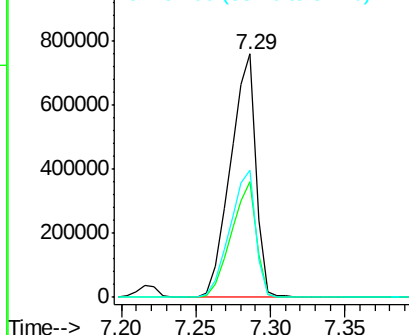
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	82	Resp	905019
Ion Ratio	100	Lower	Upper
128	47.3	36.1	54.1
54	52.0	41.4	62.2

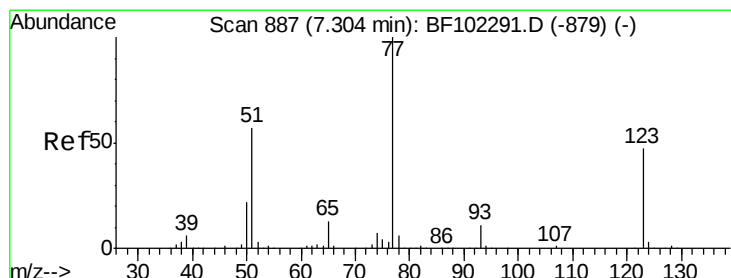
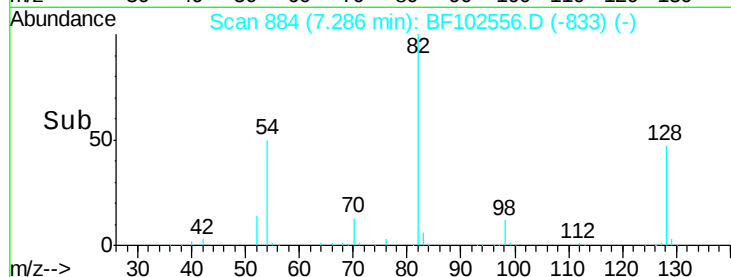
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

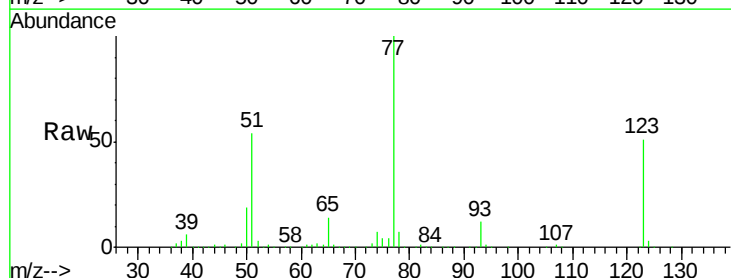


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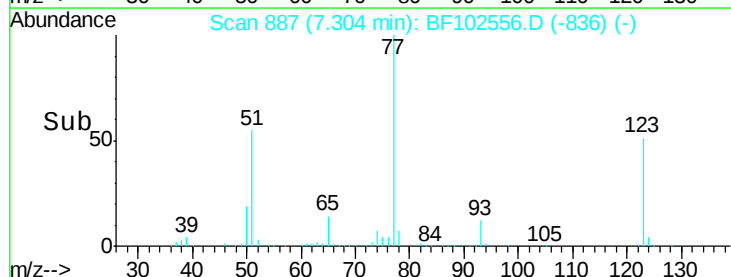
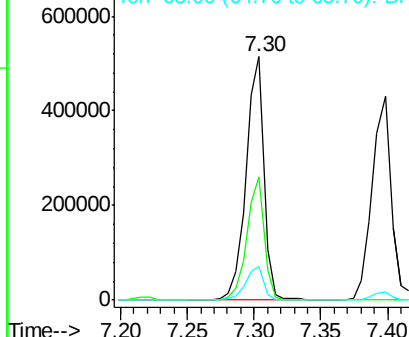


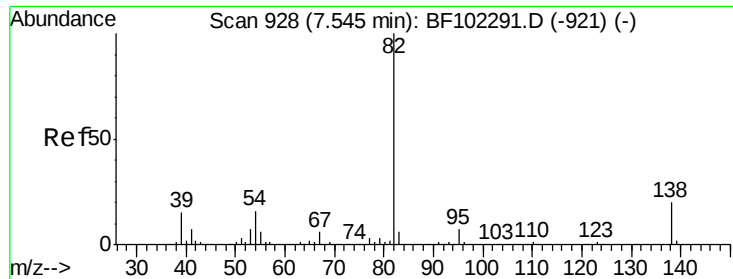
#24
Nitrobenzene
Concen: 41.204 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	77	Resp	470639
Ion Ratio	100	Lower	Upper
123	50.7	37.9	56.9
65	13.8	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.411 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

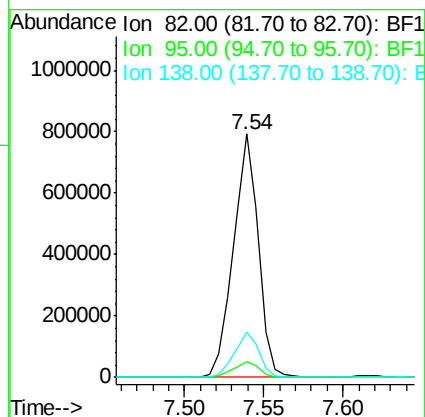
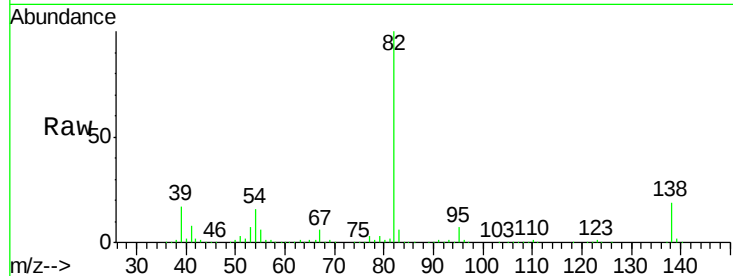
BNA_F

ClientSampleId :

PB106105BS

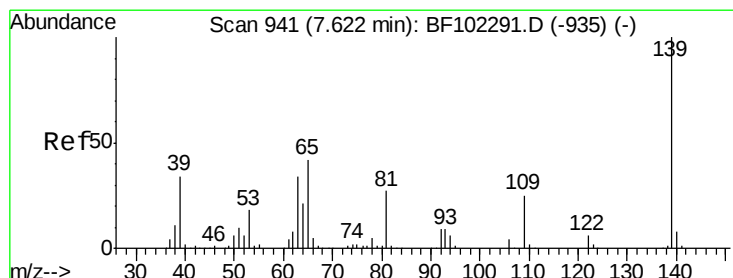
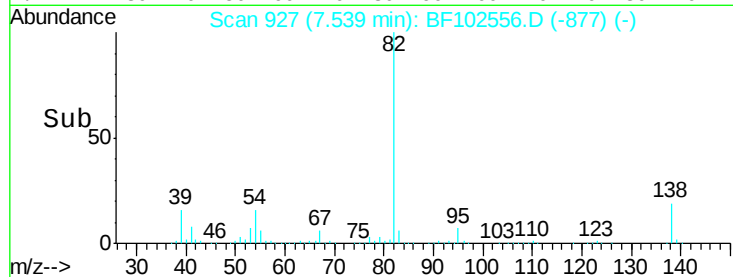
Tot Ion:	82	Resp:	863800
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.215 ng

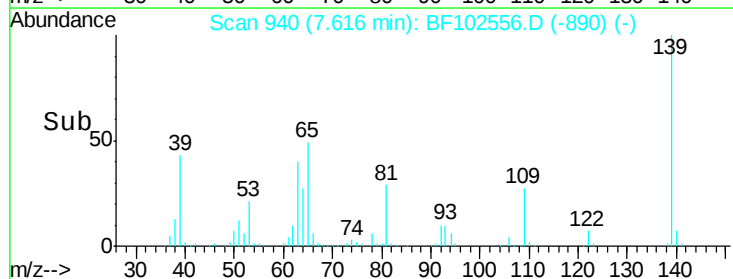
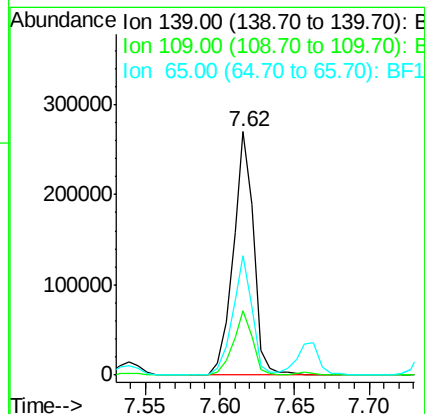
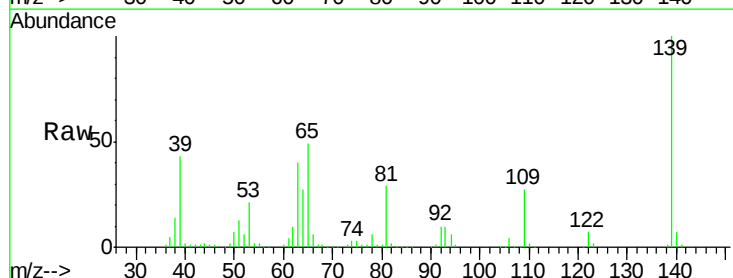
RT: 7.62 min Scan# 940

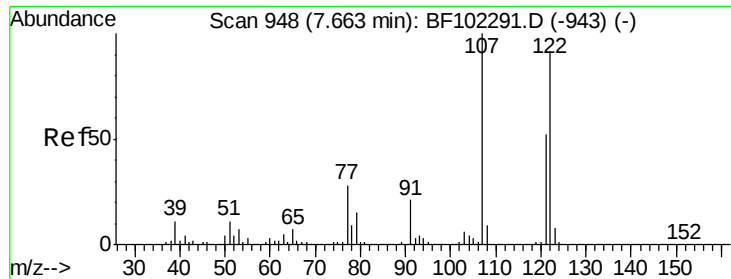
Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tgt Ion:	139	Resp:	259796
Ion Ratio	Lower	Upper	
139	100		
109	26.7	22.7	34.1
65	48.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 47.626 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

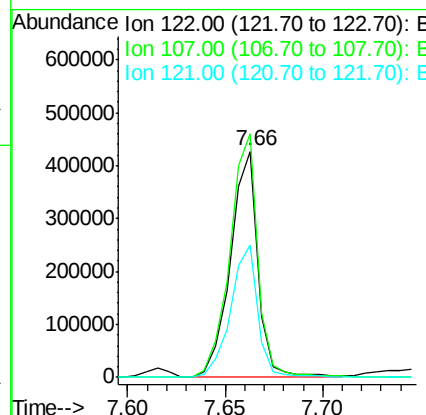
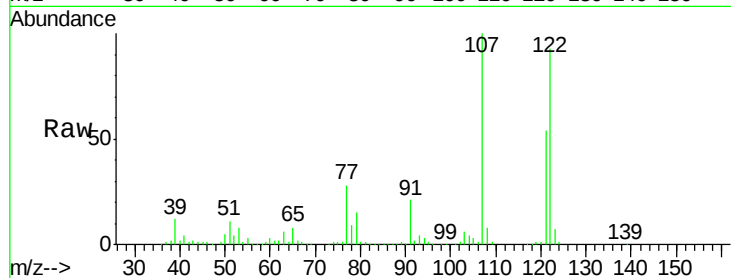
BNA_F

ClientSampleId :

PB106105BS

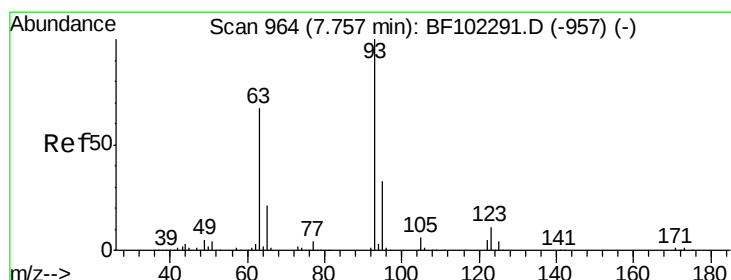
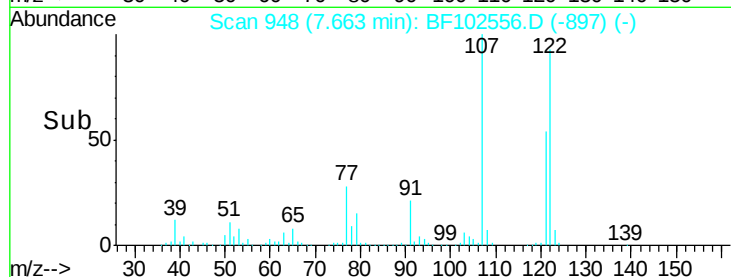
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.7	91.2	136.8
121	58.4	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 45.043 ng

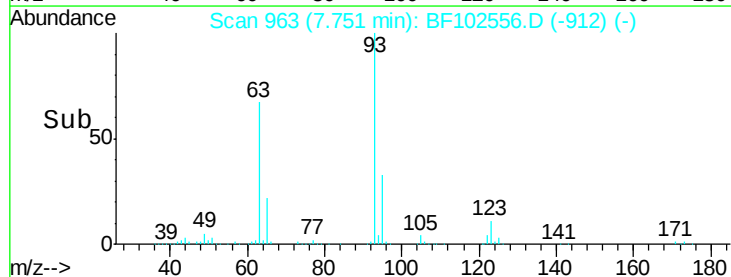
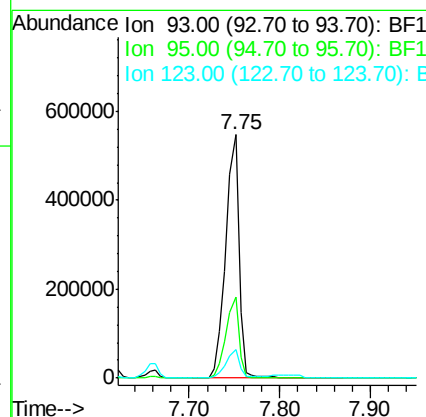
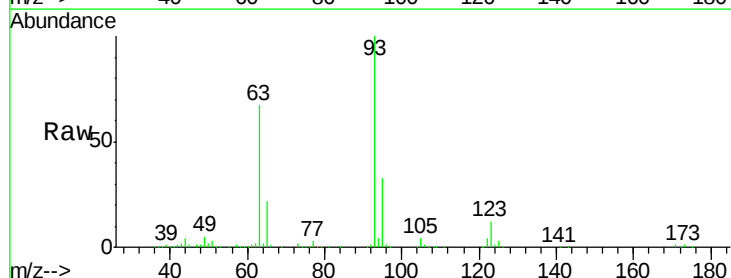
RT: 7.75 min Scan# 963

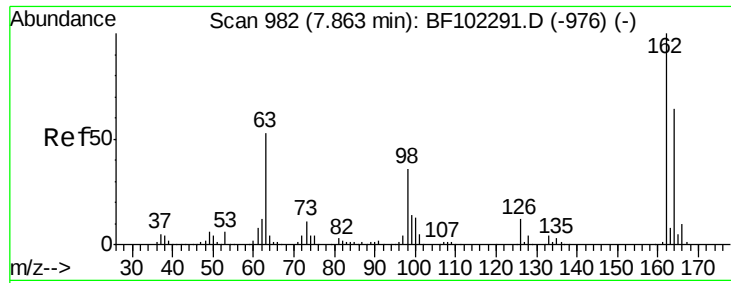
Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.6	9.8	14.6



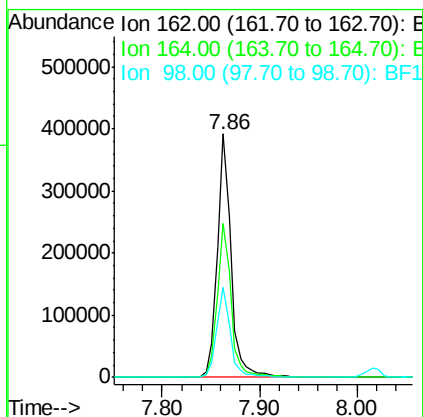
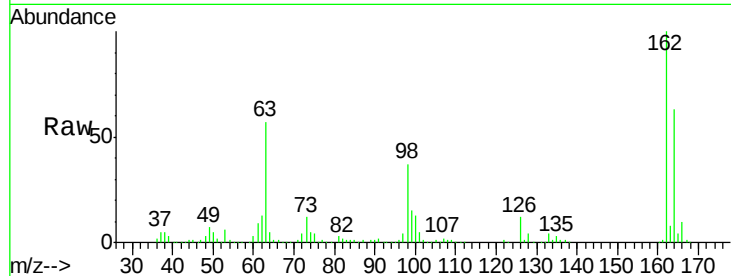


#29
2,4-Dichlorophenol
Concen: 43.290 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

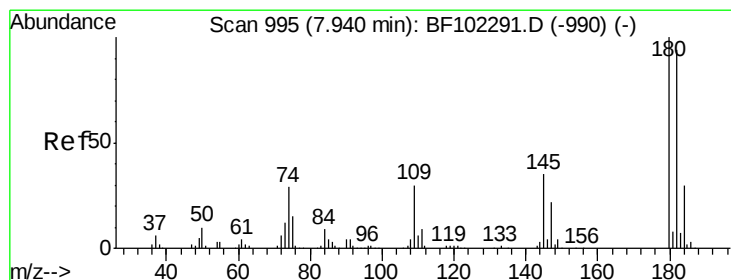
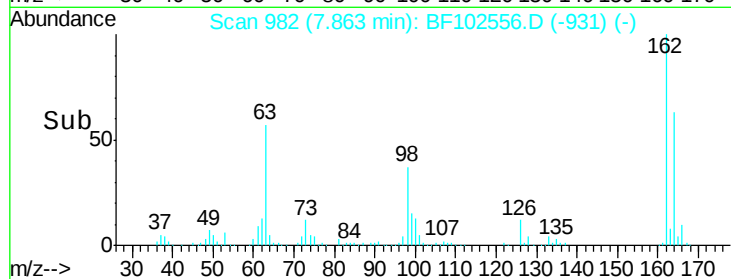
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	37.0	18.1	58.1

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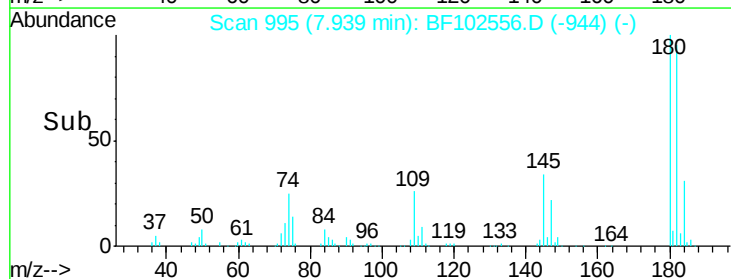
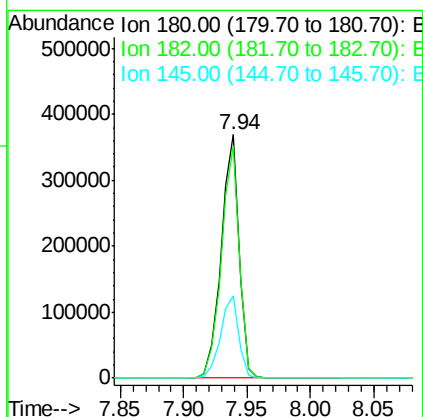
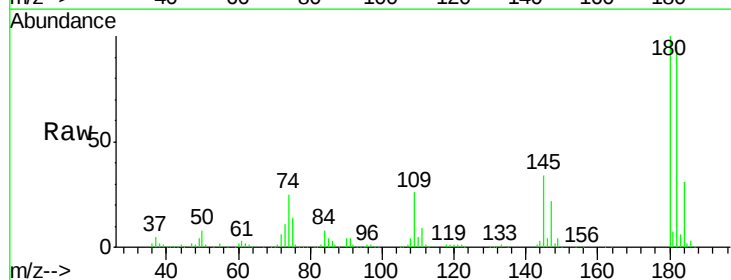


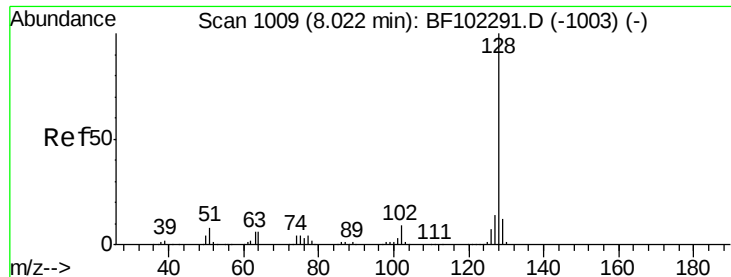
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#30
1,2,4-Trichlorobenzene
Concen: 38.083 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	33.6	26.5	39.7



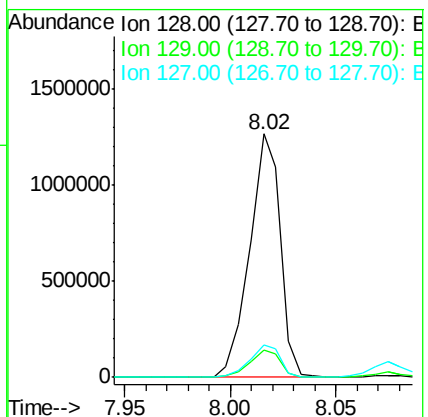
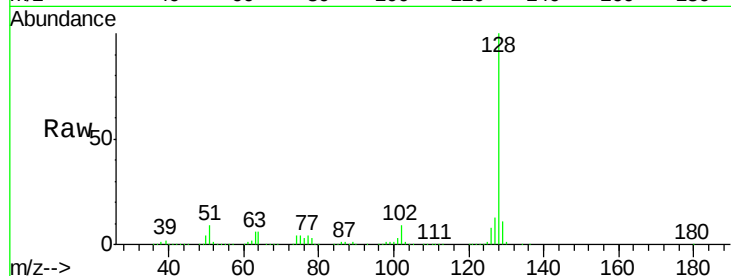


#31
Naphthalene
Concen: 40.113 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

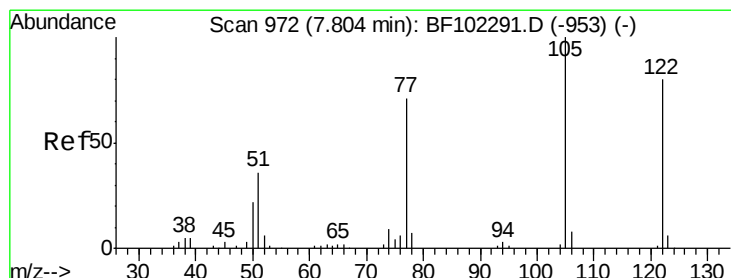
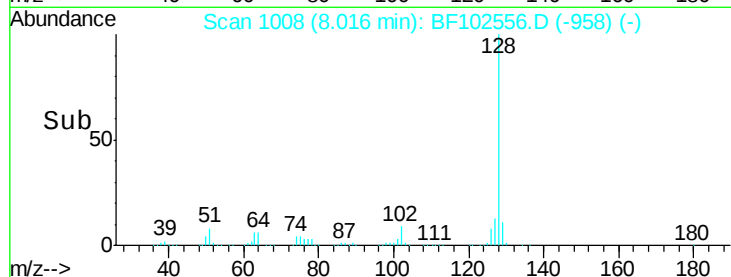
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.2	10.9	16.3

Manual Integrations
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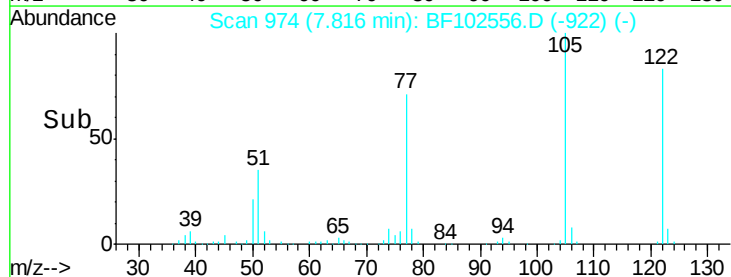
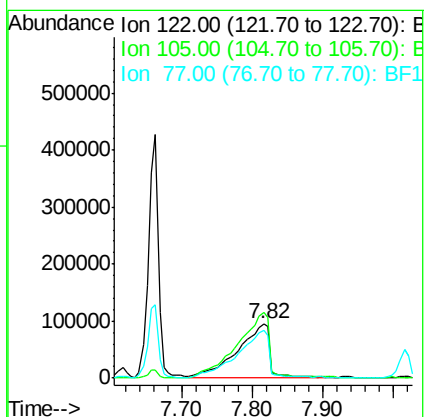
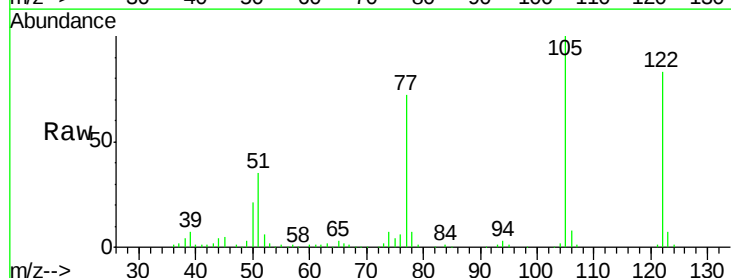


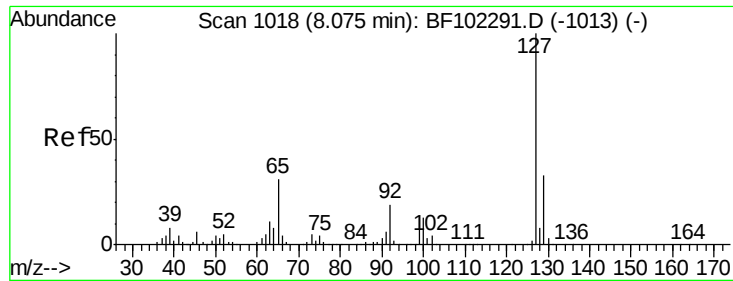
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#32
Benzoic acid
Concen: 40.403 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	101.1	141.1
77	87.6	70.7	110.7





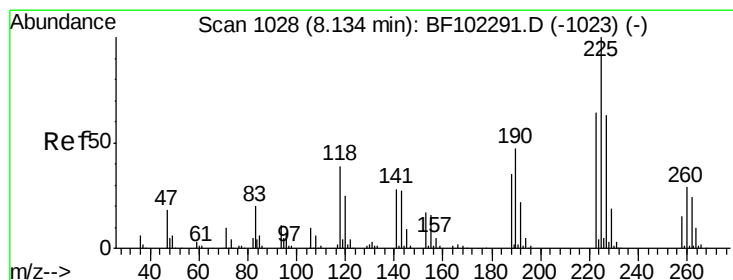
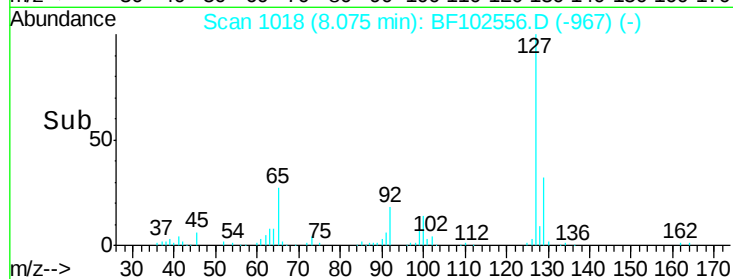
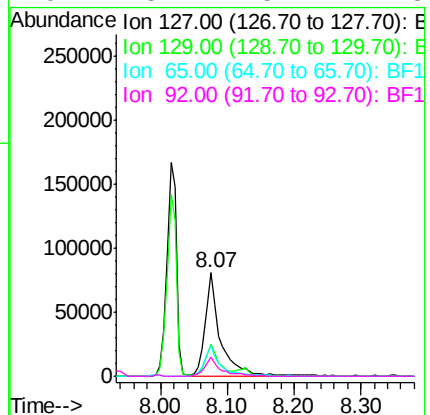
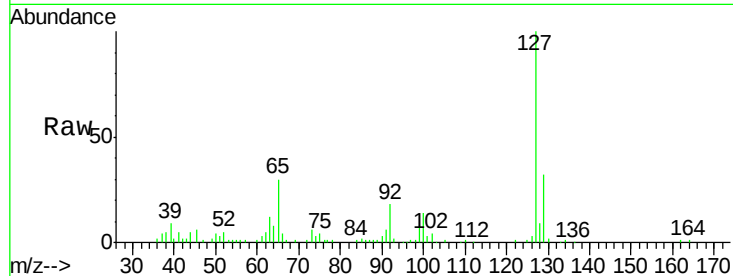
#33
4-Chloroaniline
Concen: 9.338 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6		25.9	38.9	
65	30.0		25.0	37.4	
92	18.4		15.2	22.8	

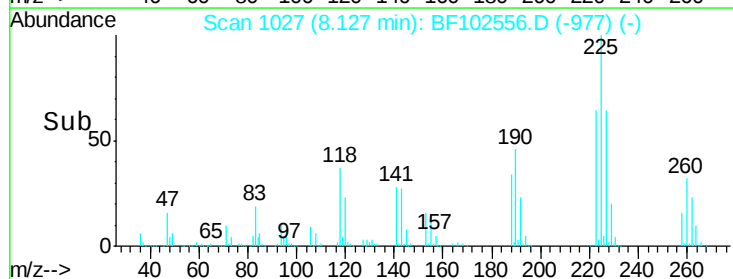
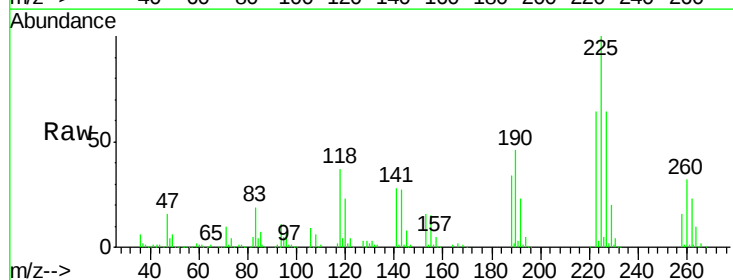
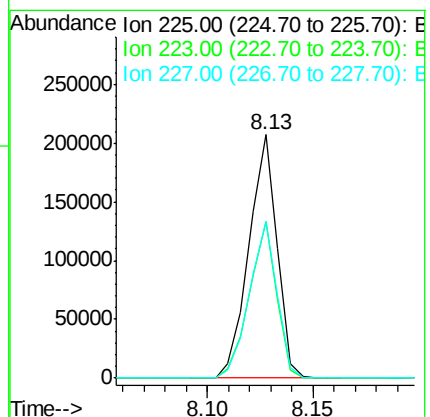
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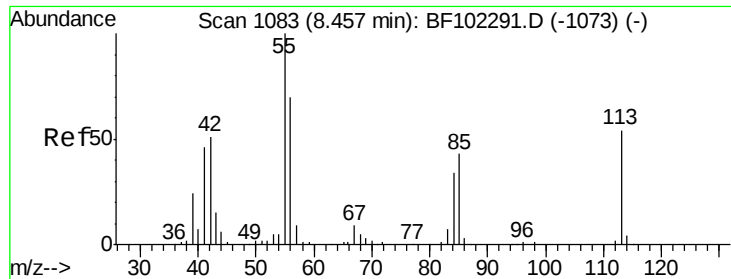
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#34
Hexachlorobutadiene
Concen: 37.555 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3		50.6	76.0	
227	64.1		51.9	77.9	



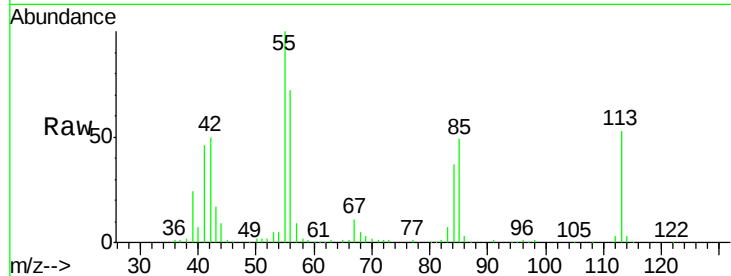


#35
Caprolactam
Concen: 48.173 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. 0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	187.9	163.3	203.3		
56	134.9	115.7	155.7		

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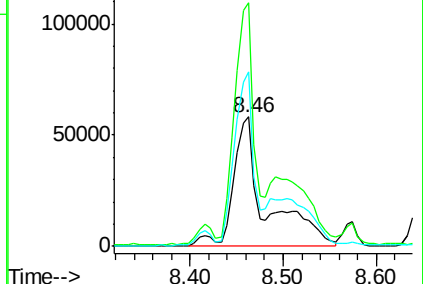


Abundance

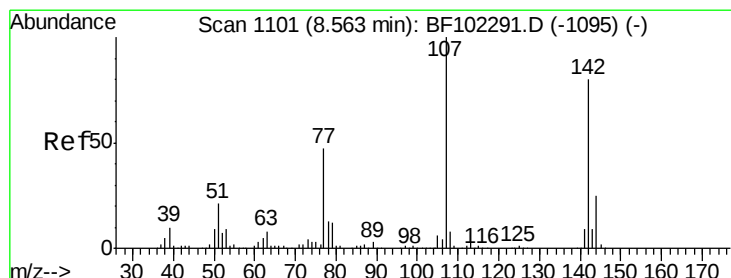
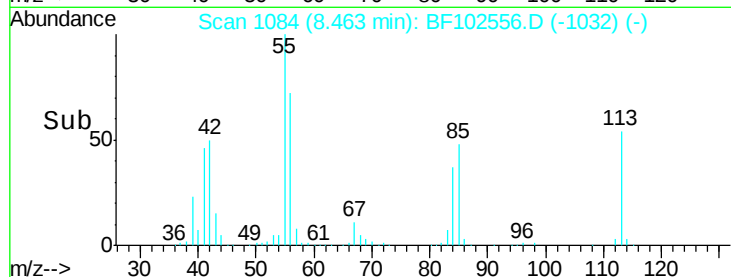
Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

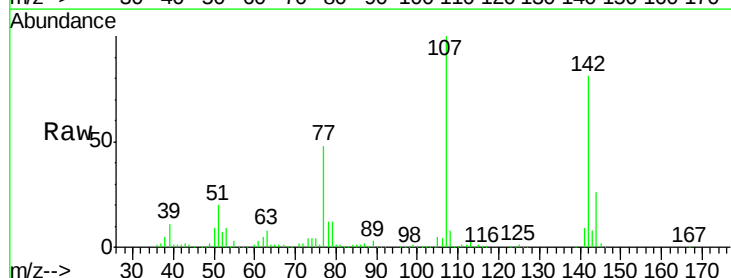


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#36
4-Chloro-3-methylphenol
Concen: 45.204 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.3	20.5	30.7		
142	80.7	62.0	93.0		

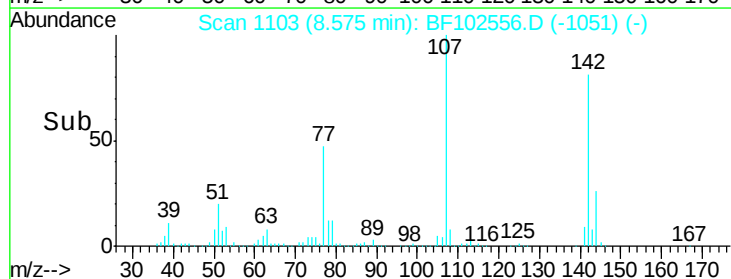
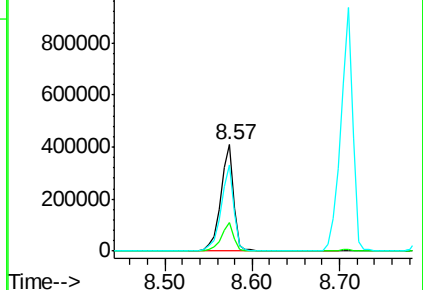


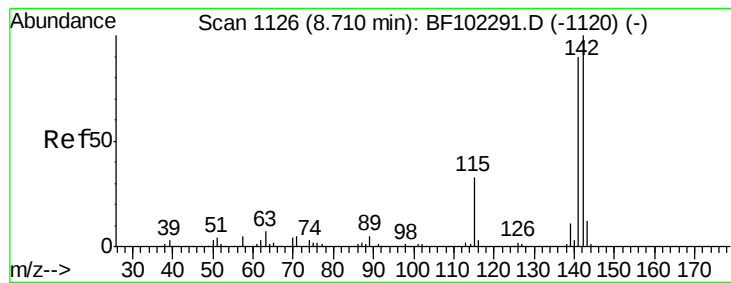
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



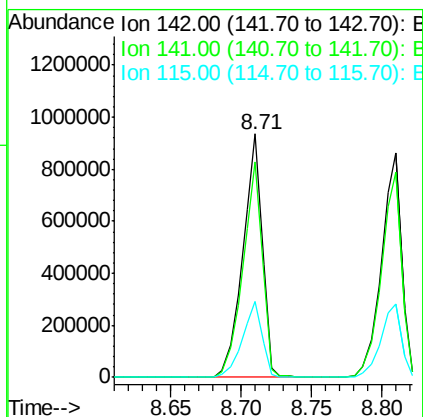
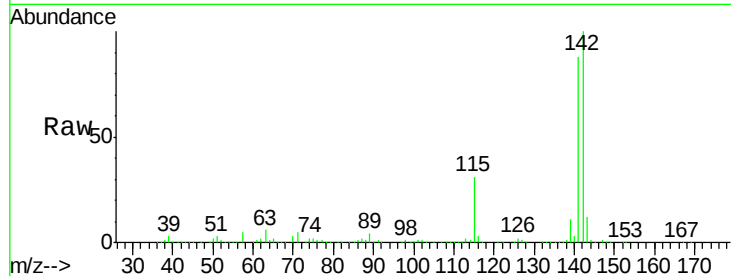


#37
 2-Methylnaphthalene
 Concen: 42.080 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

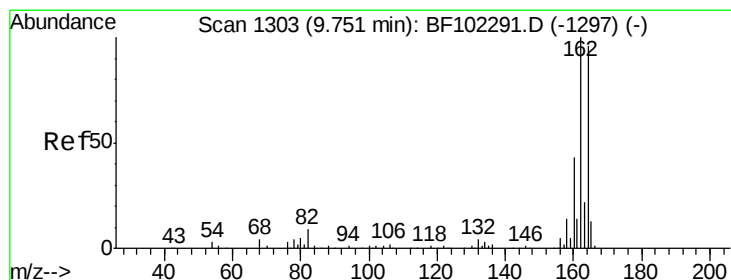
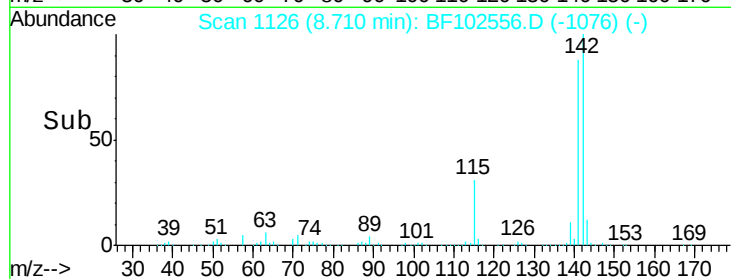
Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	31.3	26.1	39.1

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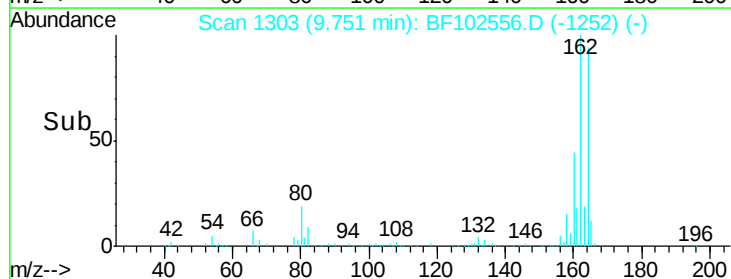
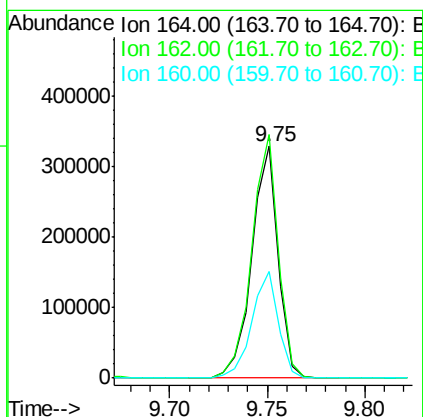
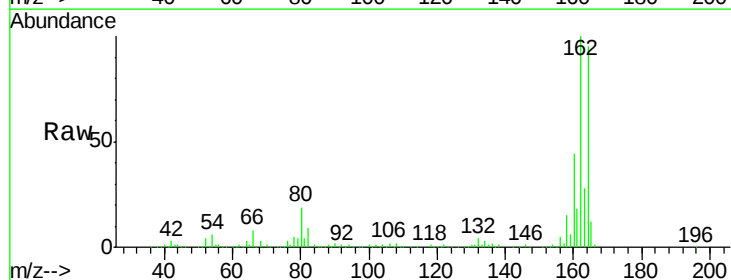


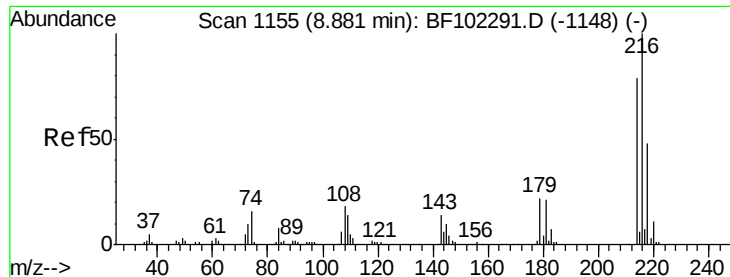
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.2	38.3	57.5





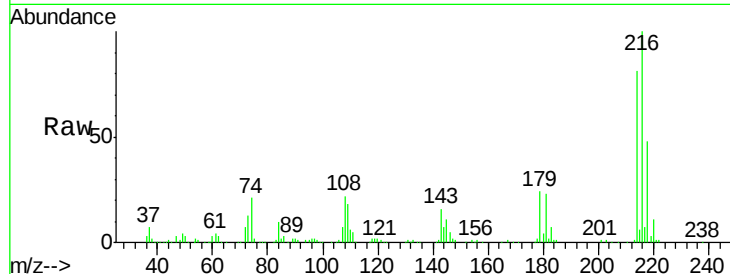
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.373 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		343960		
214	79.9	63.0	94.4		
179	22.9	18.1	27.1		
108	23.2	17.2	25.8		

Manual Integrations
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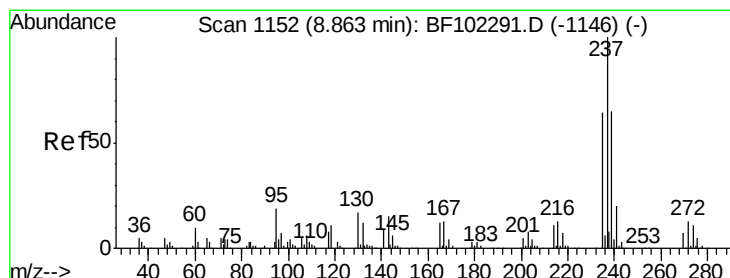
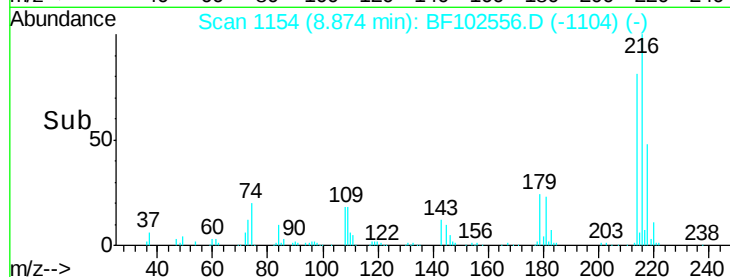
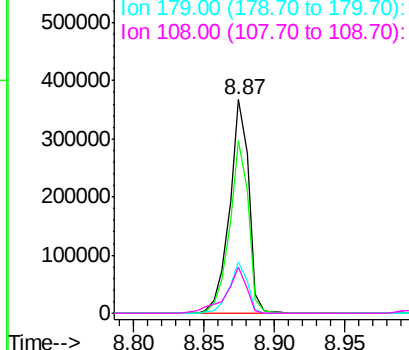
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

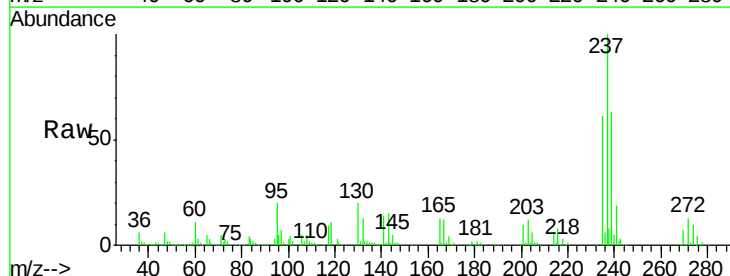
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 61.907 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		254978		
235	61.2	44.8	84.8		
272	12.6	0.0	33.3		

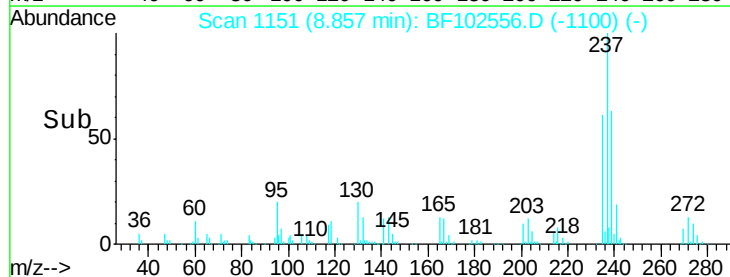
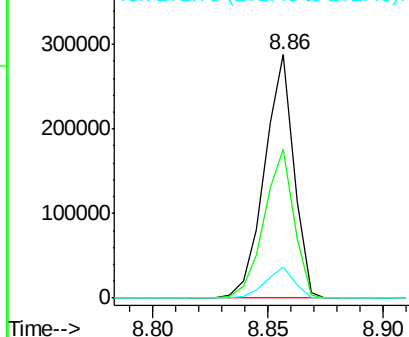


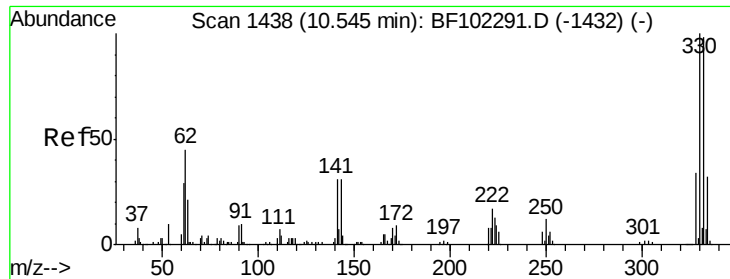
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



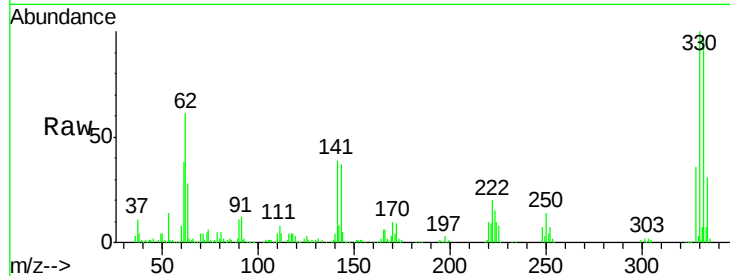


#41
 2,4,6-Tribromophenol
 Concen: 100.327 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

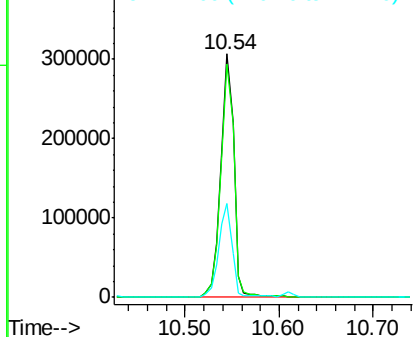
Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	38.9	29.9	44.9	

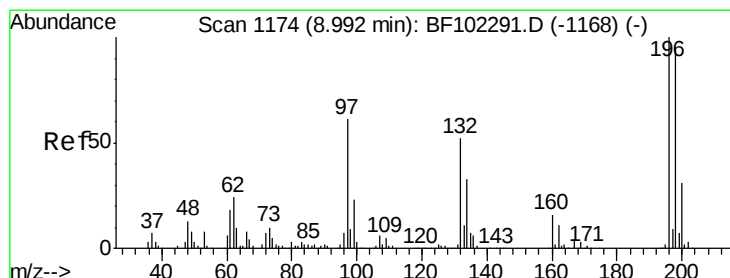
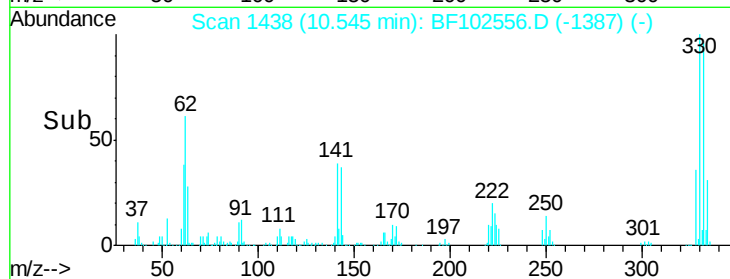
Manual Integrations
 APPROVED



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

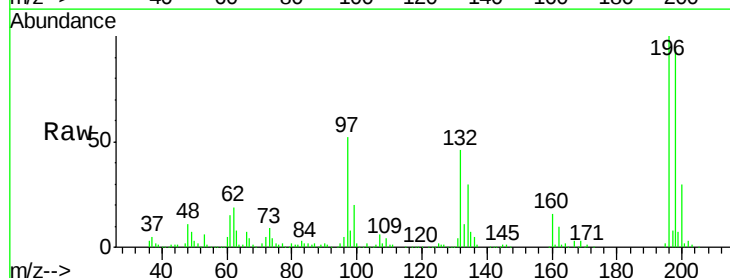


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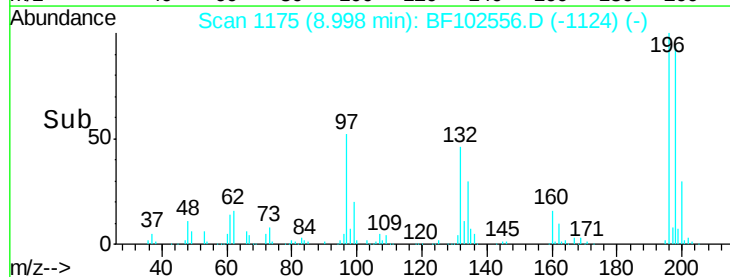
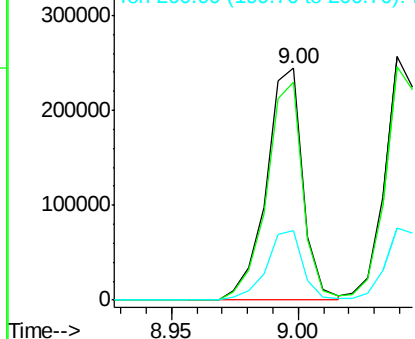


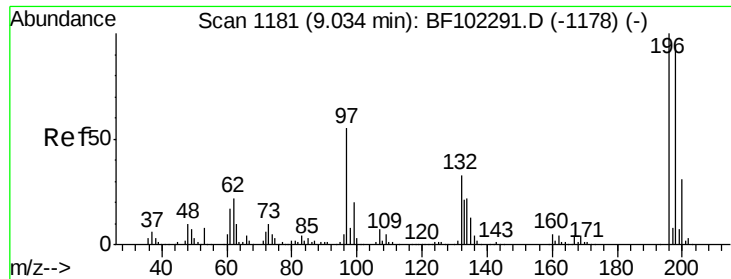
#42
 2,4,6-Trichlorophenol
 Concen: 40.043 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.3	75.7	113.5	
200	30.2	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





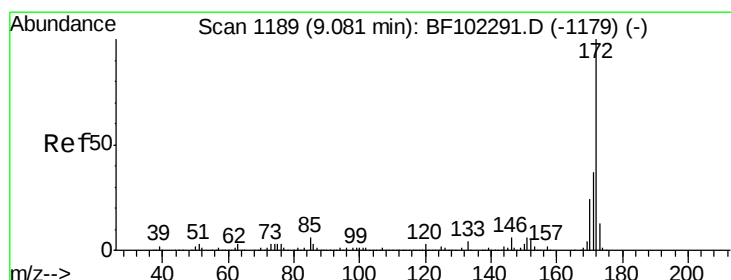
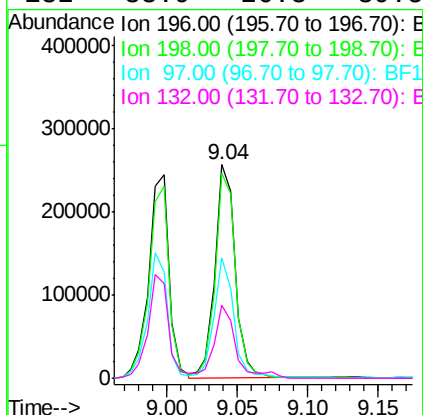
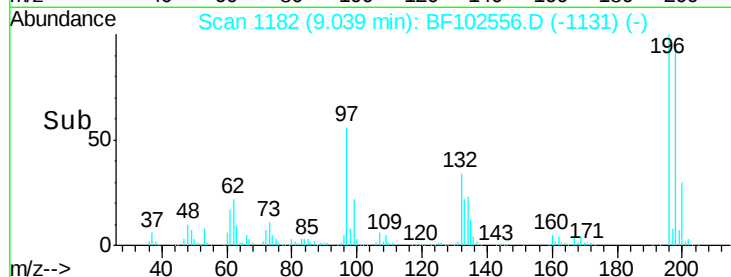
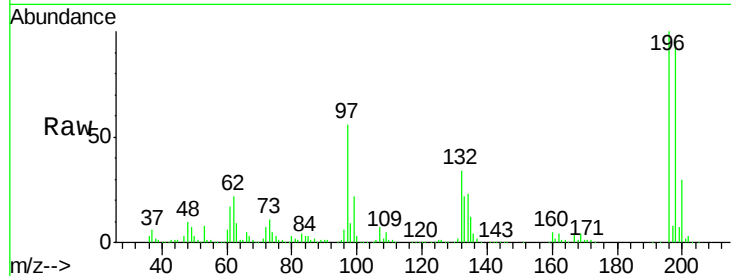
#43
 2,4,5-Trichlorophenol
 Concen: 37.026 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		256845		
198	96.1		74.6	112.0	
97	56.4		42.9	64.3	
132	33.9		26.3	39.5	

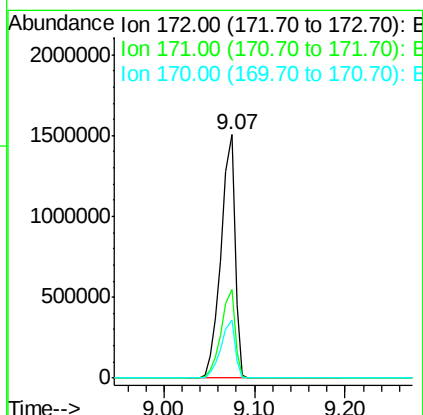
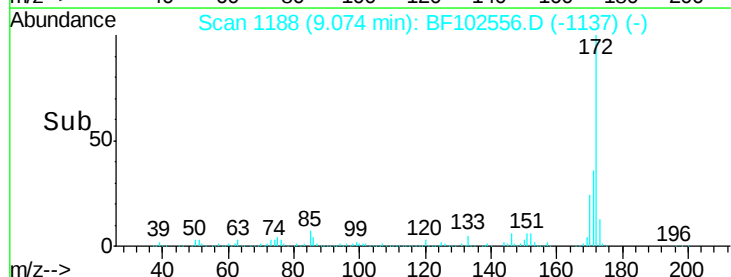
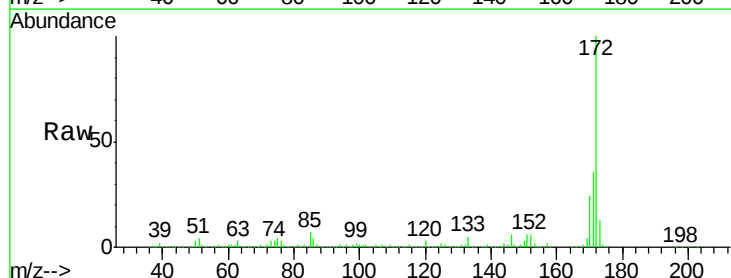
Manual Integrations
 APPROVED

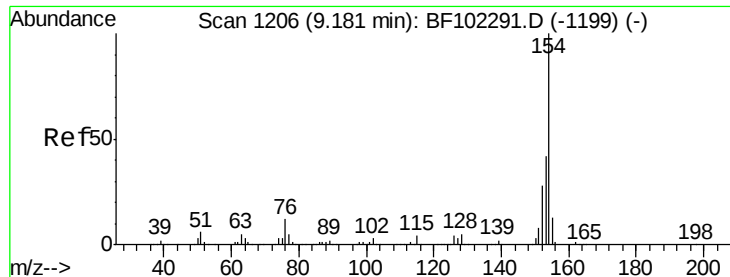
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#44
 2-Fluorobiphenyl
 Concen: 76.774 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1597260		
171	36.3		29.7	44.5	
170	24.1		19.6	29.4	





#45

1,1'-Biphenyl

Concen: 37.732 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tot Ion:154 Resp: 1032058

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

76 13.3 0.0 34.0

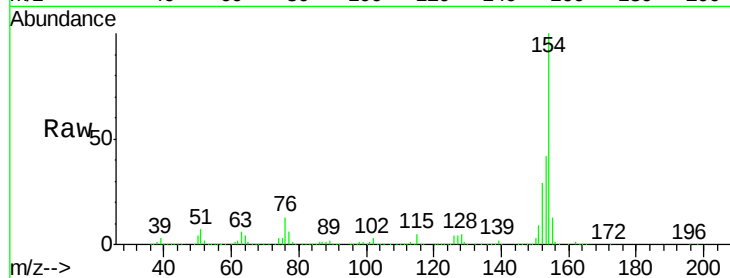
Instrument :

BNA_F

ClientSampleId :

PB106105BS

Manual Integrations
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Abundance

Ion 154.00 (153.70 to 154.70): E

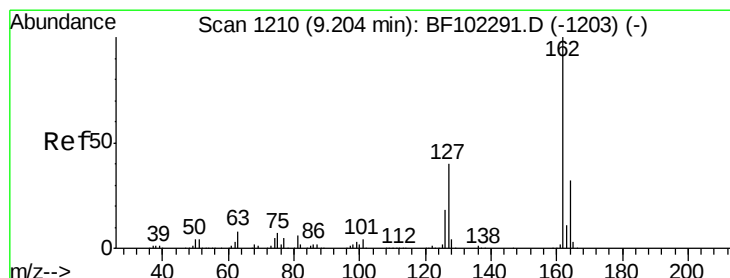
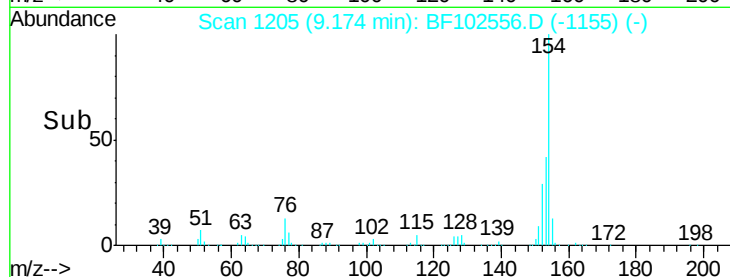
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

Time-->

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#46

2-Chloronaphthalene

Concen: 38.026 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

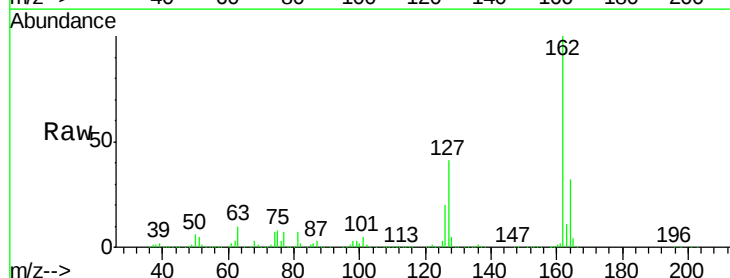
Tgt Ion:162 Resp: 808460

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

164 32.1 26.5 39.7



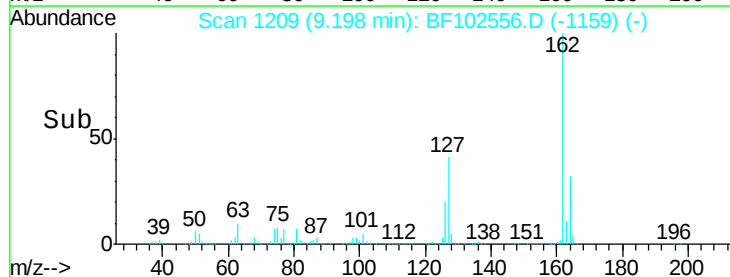
Abundance

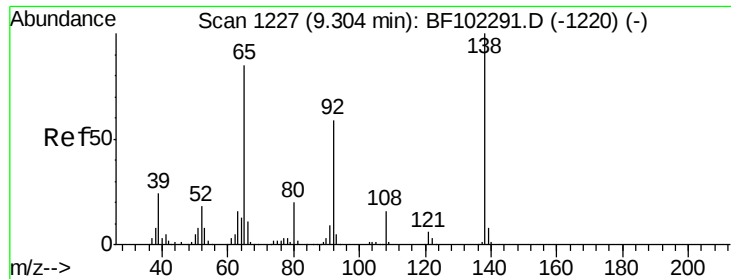
Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



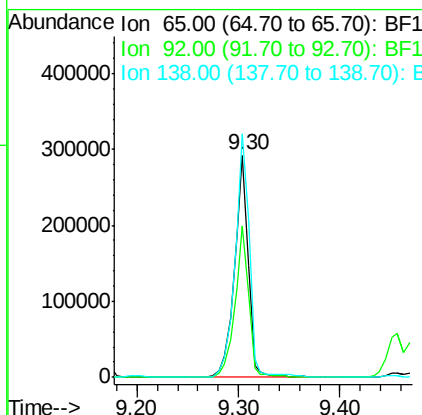
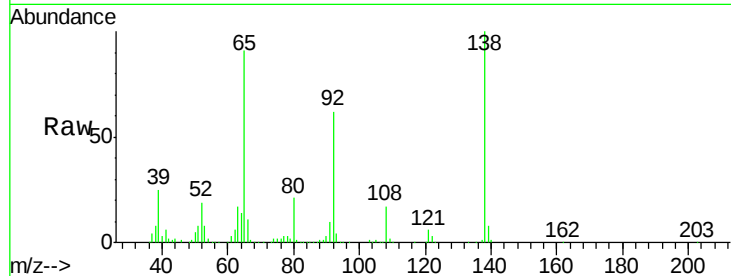


#47
2-Nitroaniline
Concen: 41.885 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

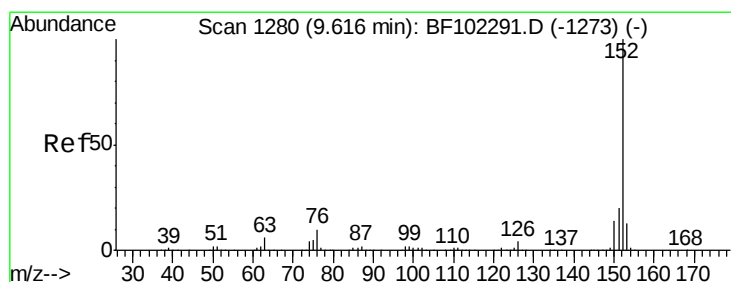
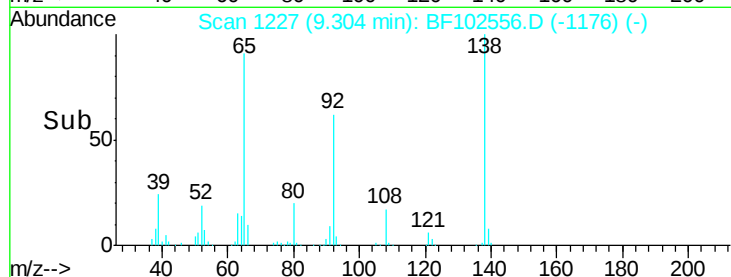
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ion	Ratio	Lower	Upper
65	100			
92	67.9	55.8	83.6	
138	109.5	91.2	136.8	

Manual Integrations
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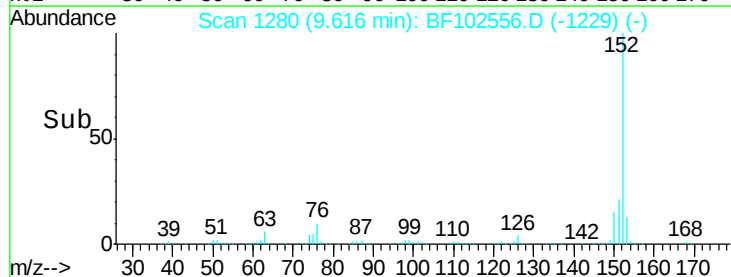
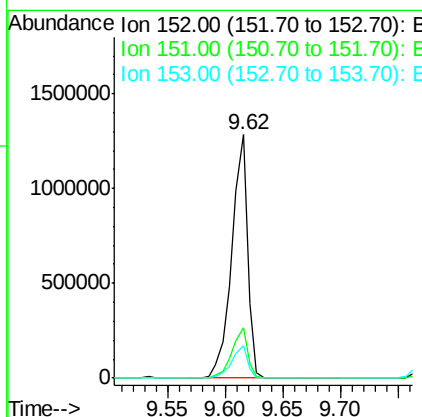
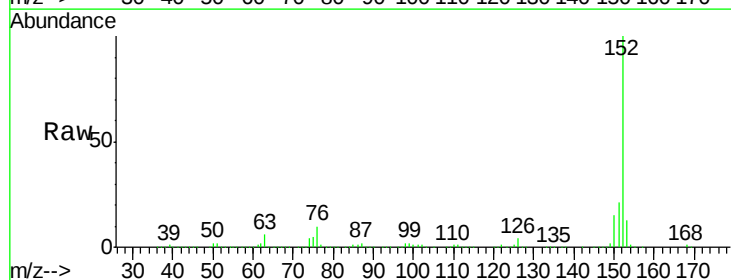


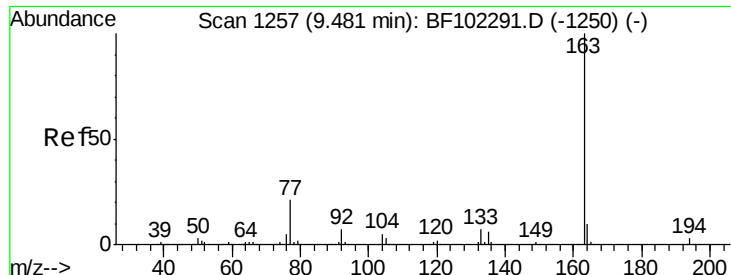
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#48
Acenaphthylene
Concen: 36.881 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.5	16.3	24.5	
153	13.1	10.7	16.1	



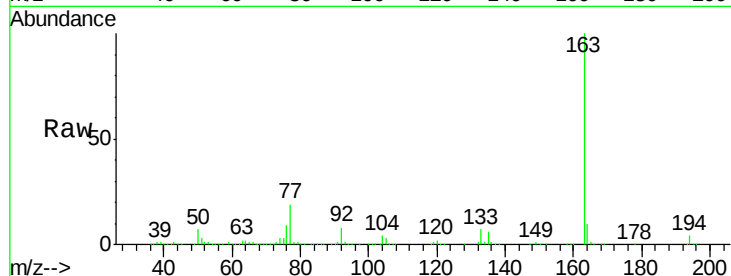


#49
Dimethylphthalate
Concen: 38.483 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

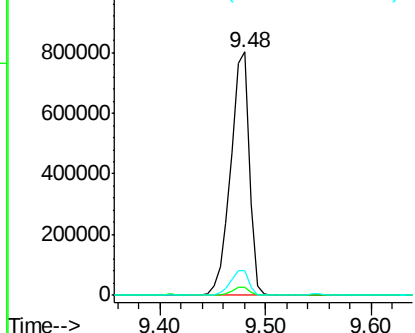
Instrument :
BNA_F
ClientSampled :
PB106105BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	973037		
194	3.6		2.7	4.1
164	9.9		8.2	12.2

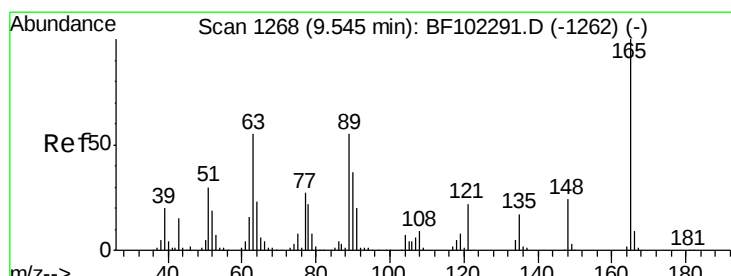
Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

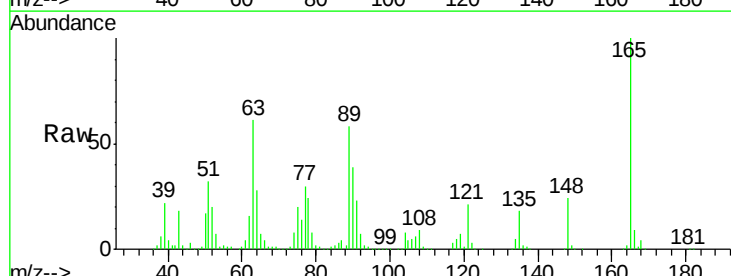


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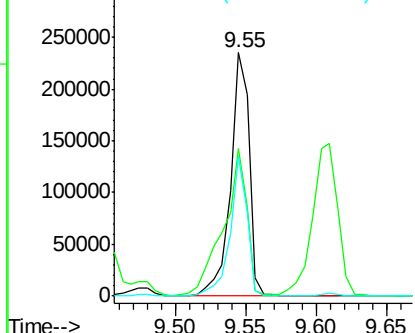


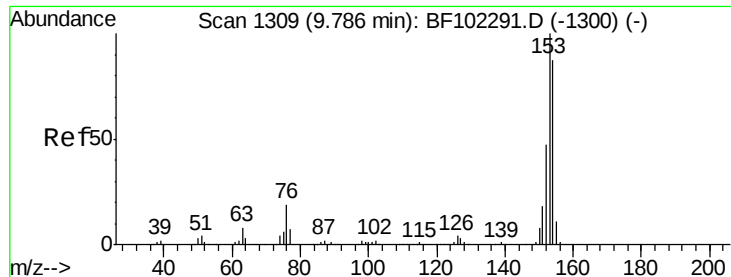
#50
2,6-Dinitrotoluene
Concen: 39.617 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	215965		
63	60.8		44.7	67.1
89	57.6		44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.454 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

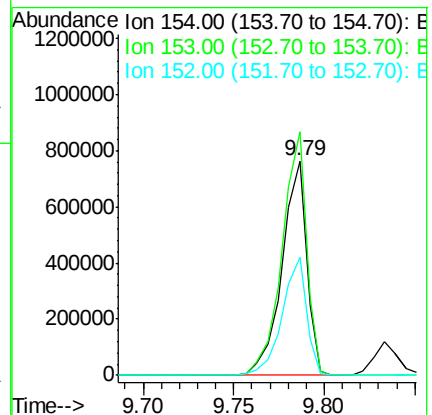
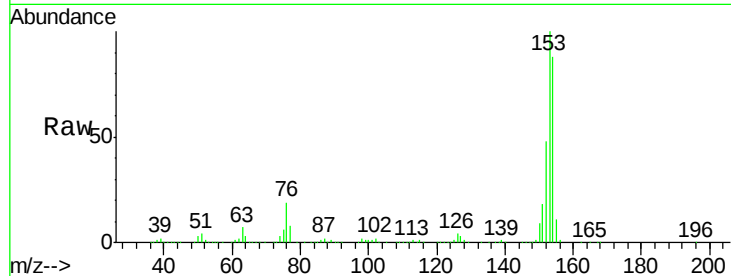
BNA_F

ClientSampleId :

PB106105BS

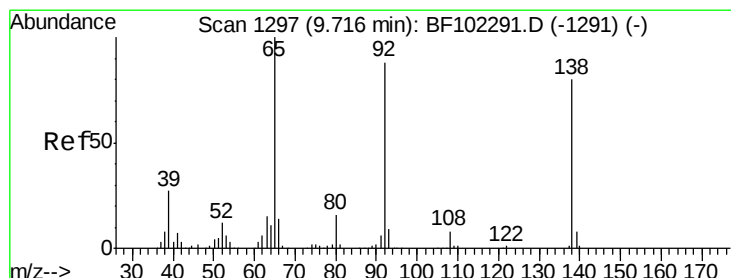
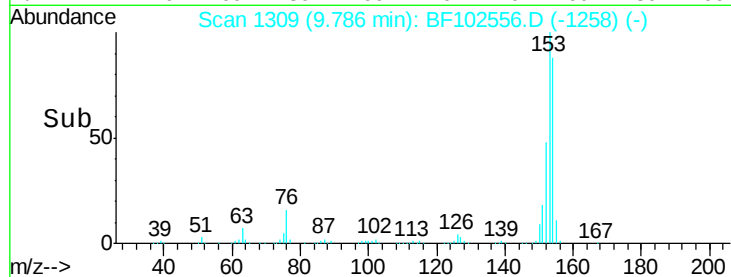
Tot Ion:	154	Resp:	724528
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	55.0	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 18.338 ng

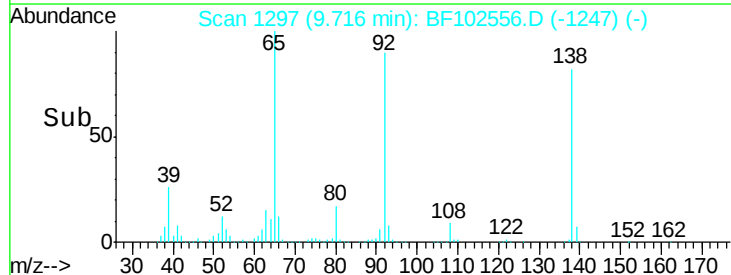
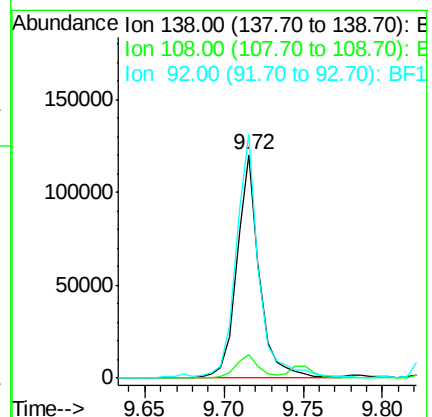
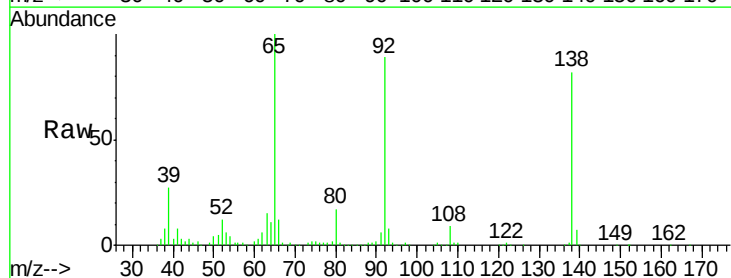
RT: 9.72 min Scan# 1297

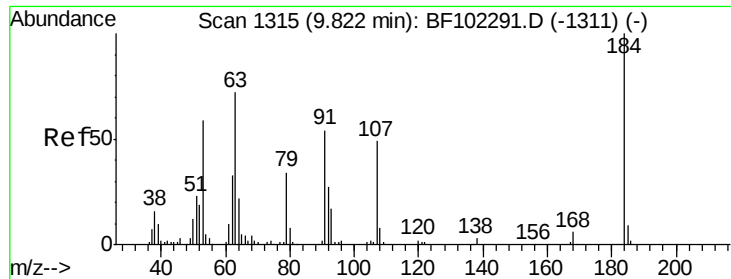
Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tgt Ion:	138	Resp:	118259
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	109.0	89.4	134.2



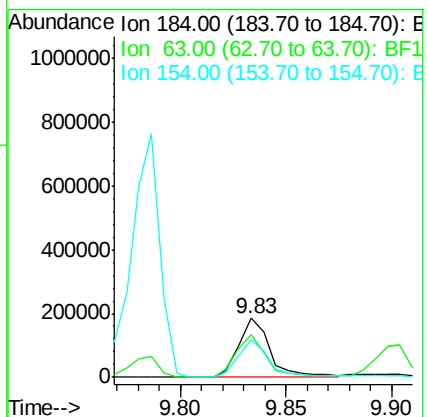
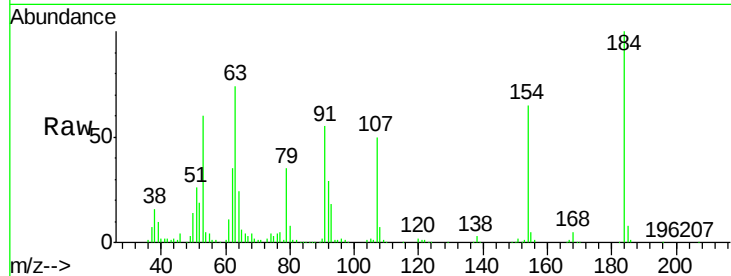


#53
2,4-Dinitrophenol
Concen: 78.206 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

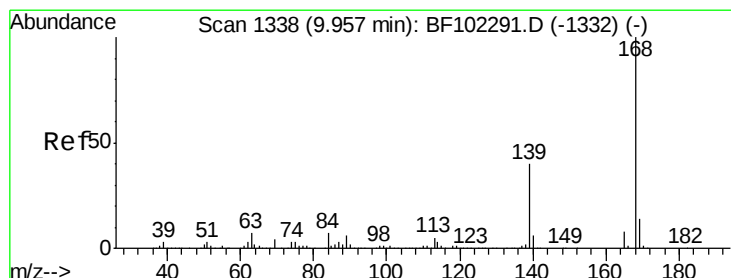
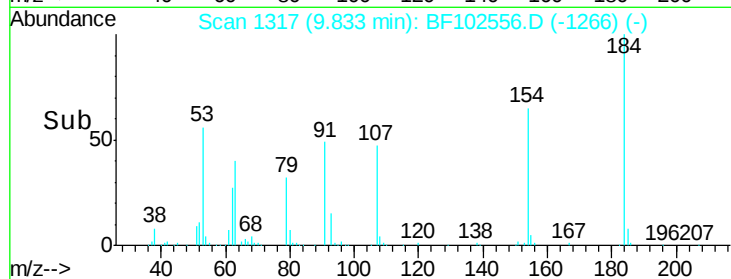
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.6	54.2	81.2
154	64.9	184.0	276.0#

Manual Integrations
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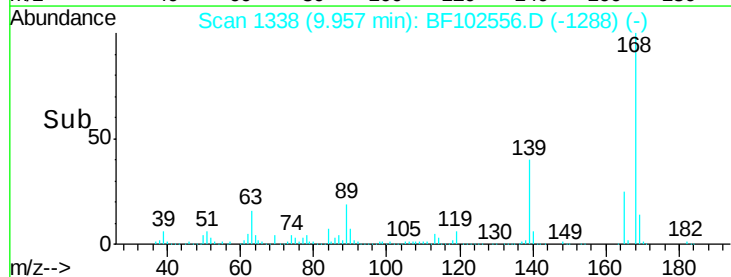
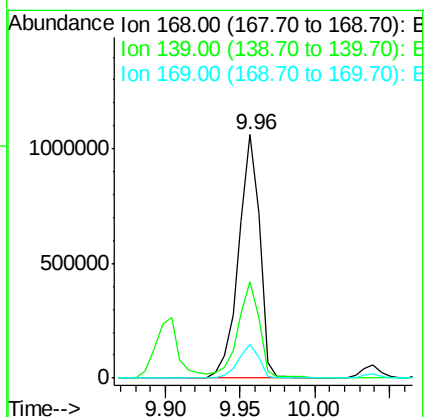
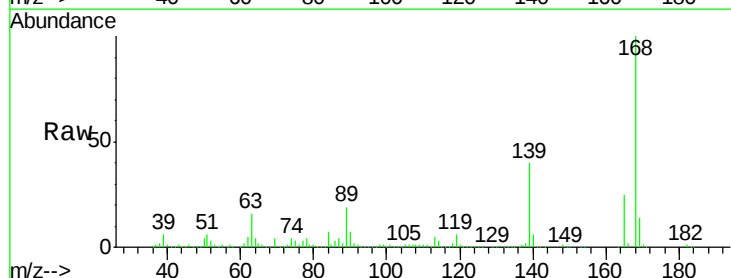


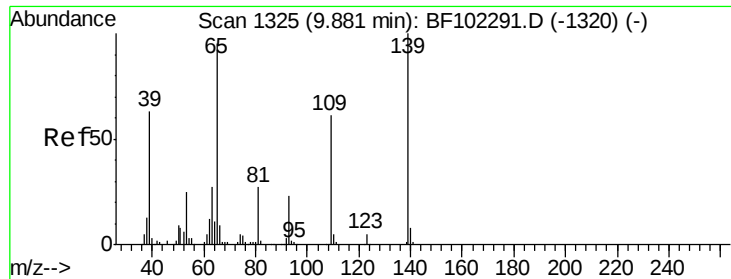
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#54
Dibenzofuran
Concen: 39.723 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	13.7	10.9	16.3



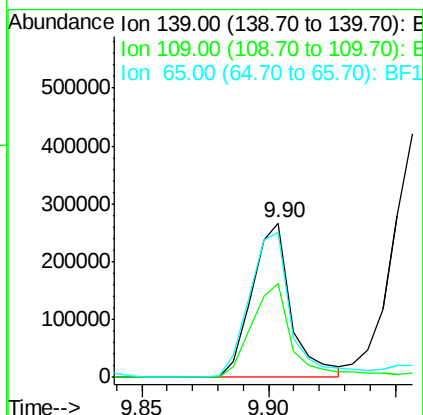
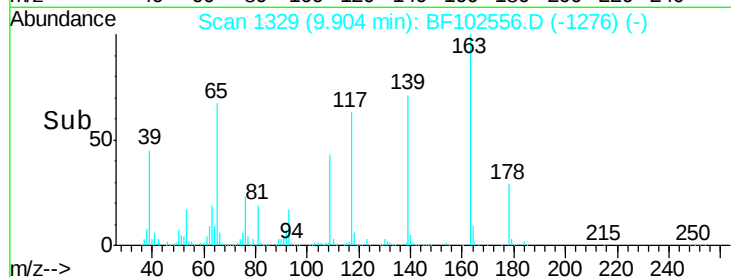
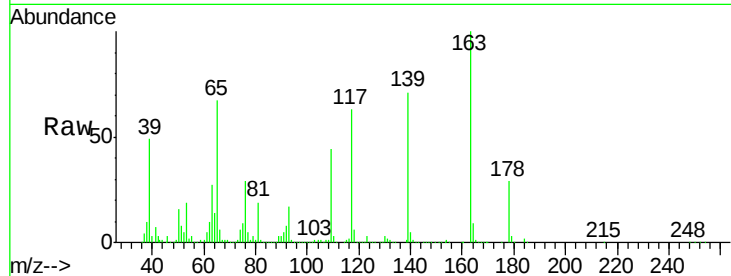


#55
4-Nitrophenol
Concen: 67.458 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

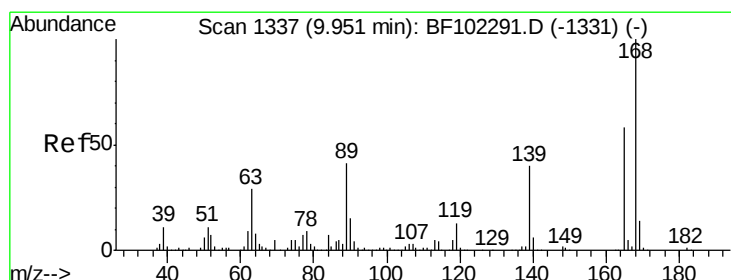
Instrument :
BNA_F
ClientSampled :
PB106105BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.9	48.4	88.4
65	94.3	72.6	112.6

Manual Integrations
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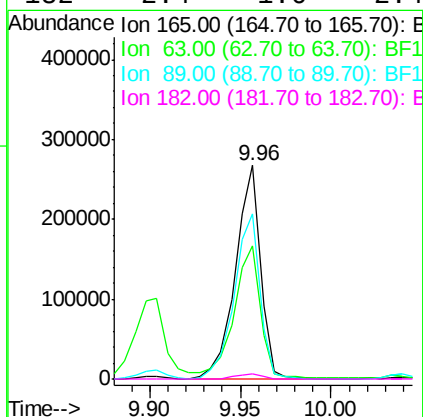
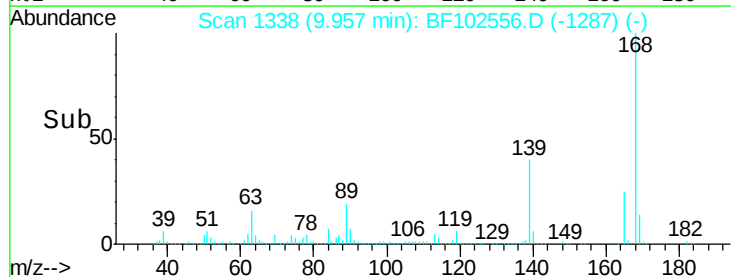
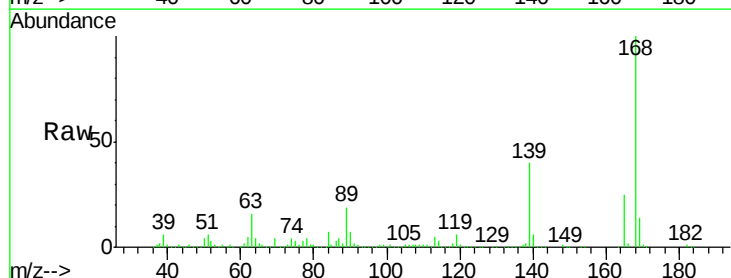


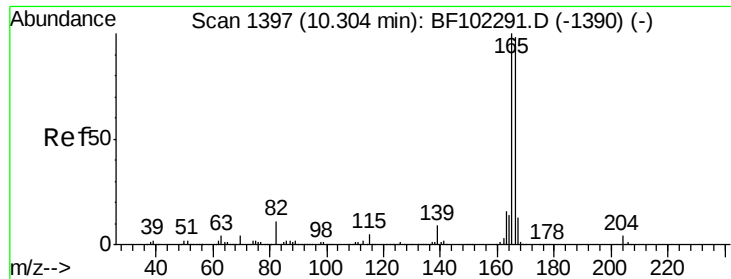
Sohil
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#56
2,4-Dinitrotoluene
Concen: 38.554 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.3	36.4	54.6#
89	77.1	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 40.930 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

BNA_F

ClientSampled :

PB106105BS

Tot Ion:166 Resp: 849122

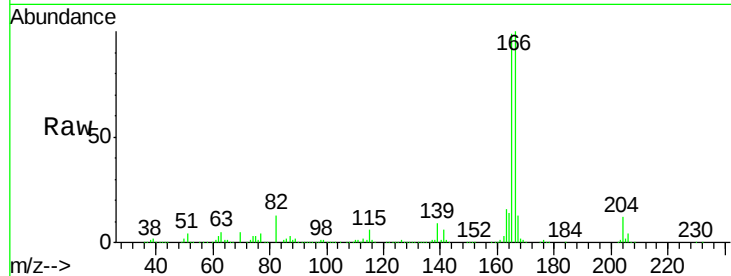
Ion Ratio Lower Upper

166 100

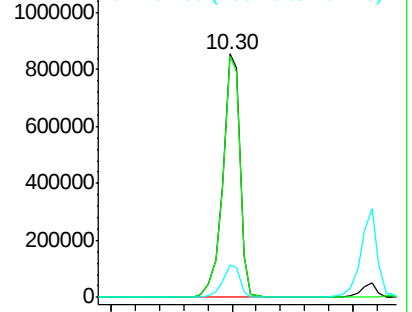
165 98.8 79.8 119.8

167 13.5 10.6 16.0

Manual Integrations
APPROVED

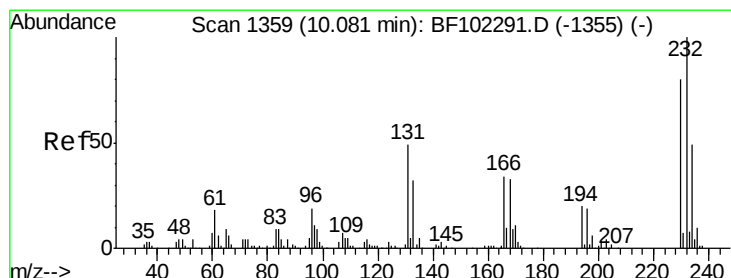
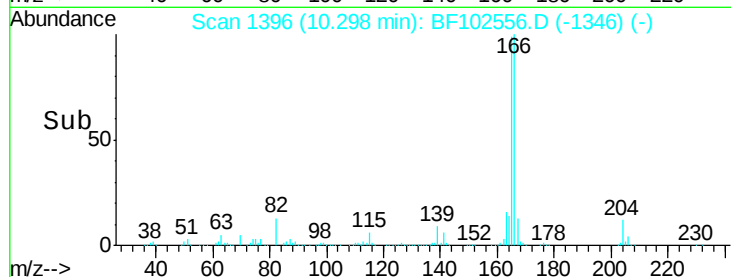


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.070 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tgt Ion:232 Resp: 203413

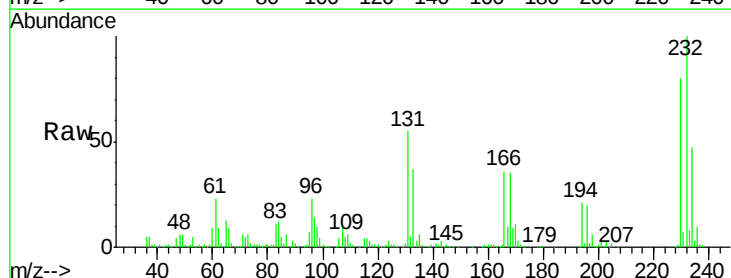
Ion Ratio Lower Upper

232 100

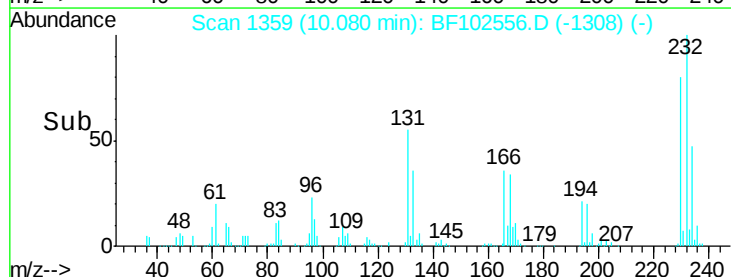
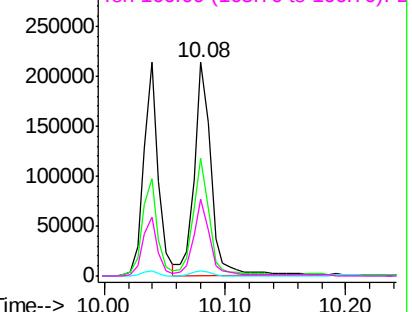
131 53.0 43.8 65.8

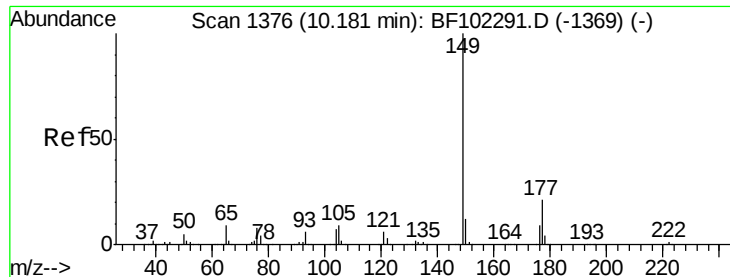
130 2.7 2.1 3.1

166 34.0 27.8 41.6



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



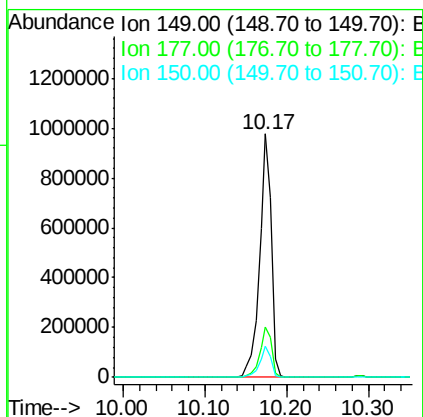
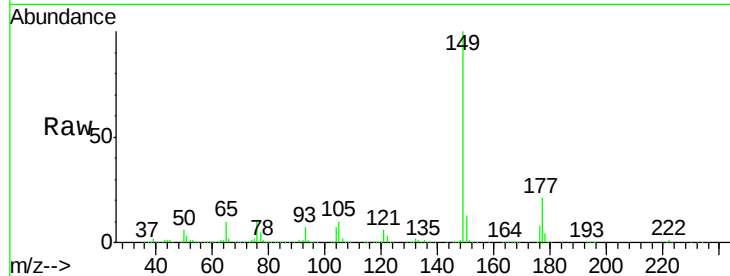


#59
Diethylphthalate
Concen: 39.595 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

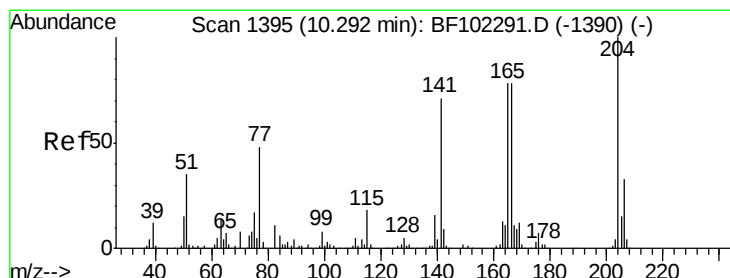
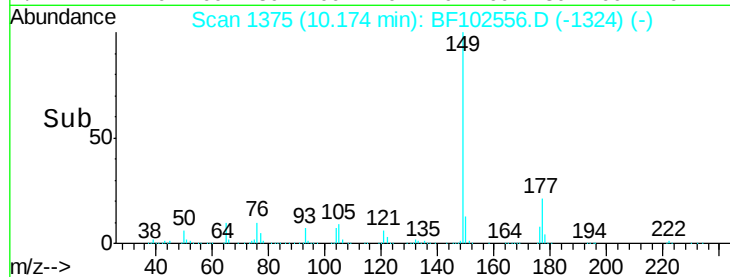
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.7	10.1	15.1

Manual Integrations
APPROVED

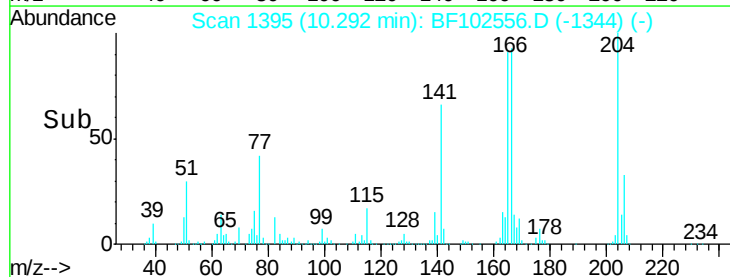
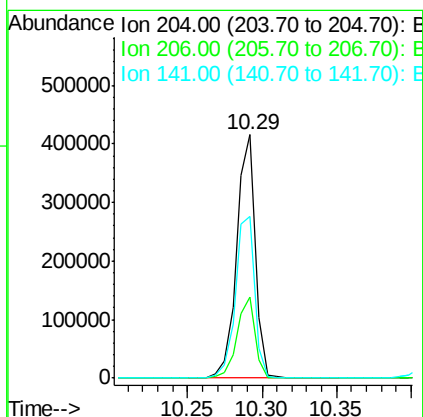
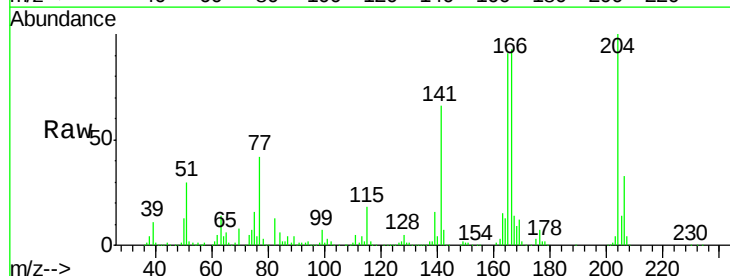


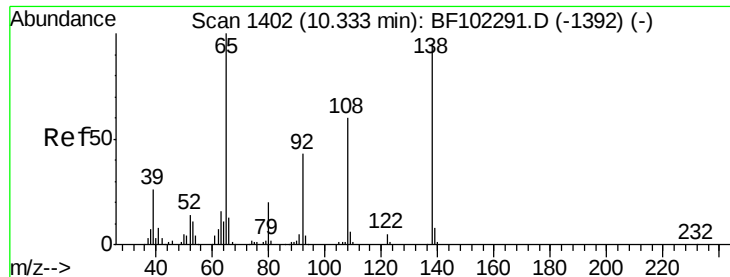
Sohil
1/29/2018 5:47:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.506 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	66.4	54.6	81.8



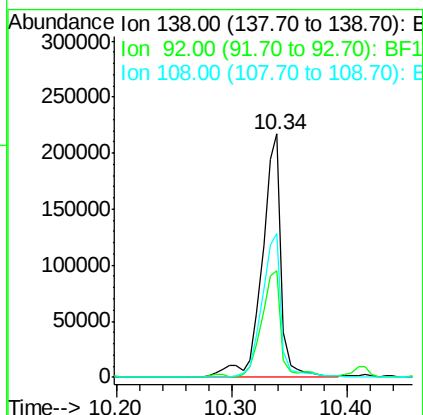
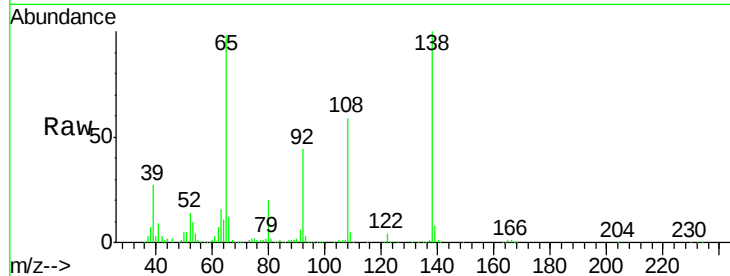


#61
4-Nitroaniline
Concen: 39.312 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

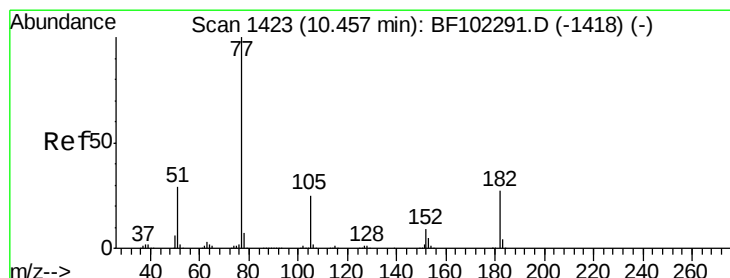
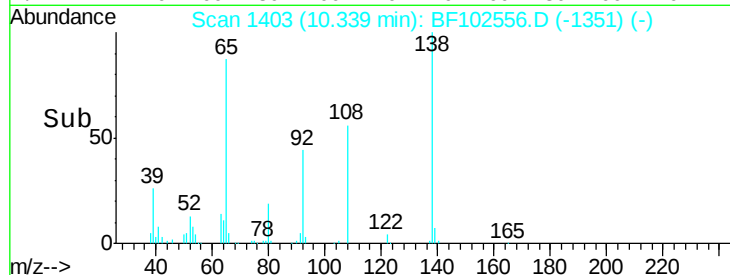
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.0	30.2	70.2
108	59.1	52.5	92.5

Manual Integrations
APPROVED

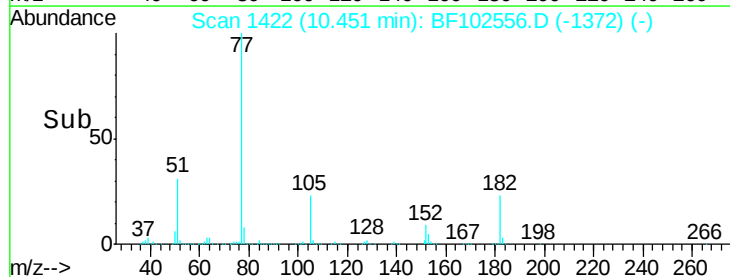
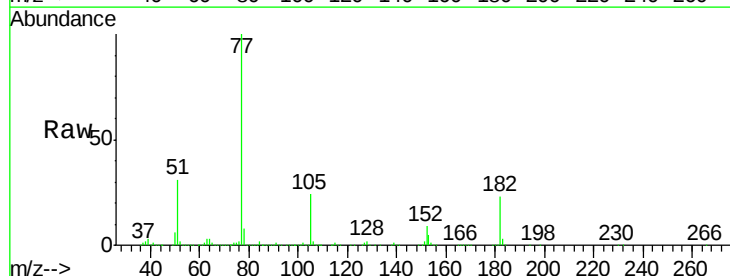
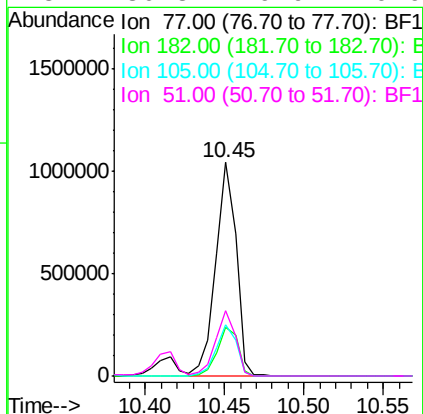


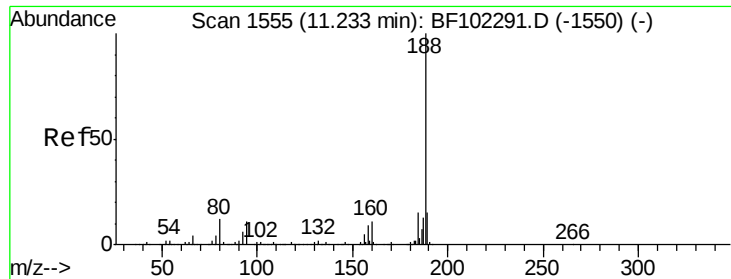
Sohil
1/29/2018 5:47:53 PM



#62
Azobenzene
Concen: 41.321 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.7	41.7
105	24.0	3.0	43.0
51	30.8	9.9	49.9



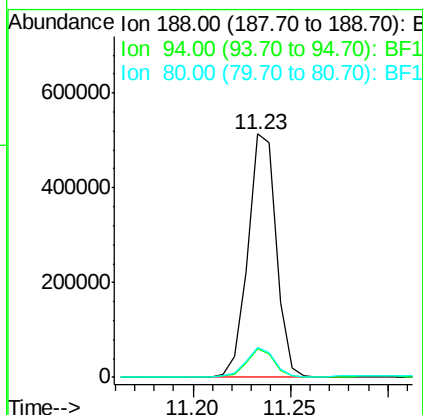
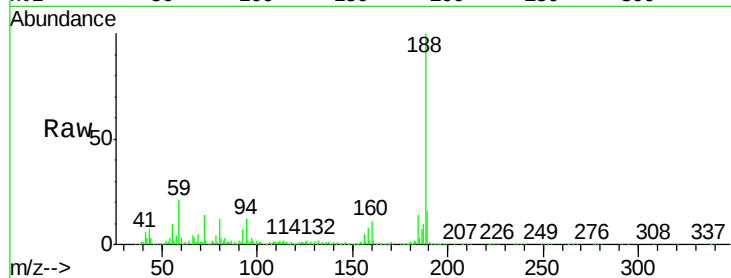


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

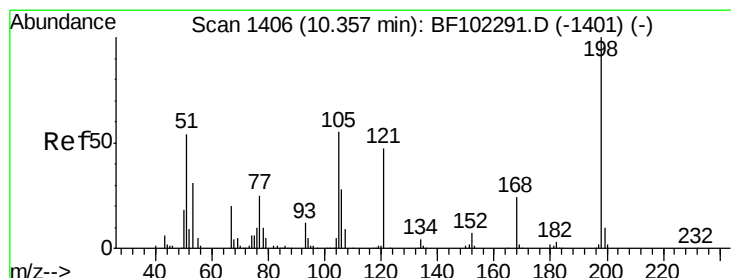
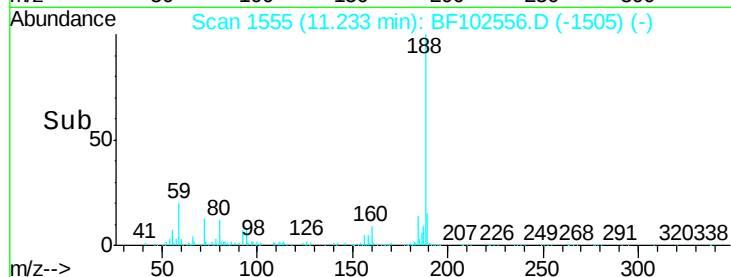
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.6	8.5	12.7	
80	12.4	9.2	13.8	

Manual Integrations
APPROVED

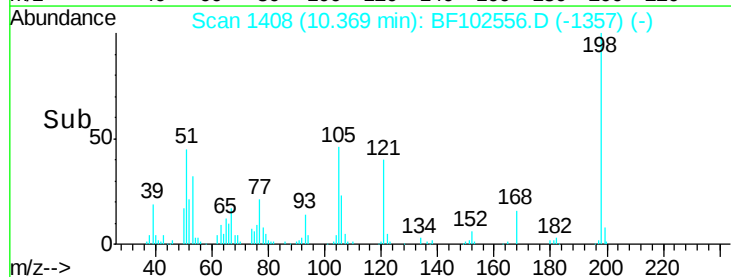
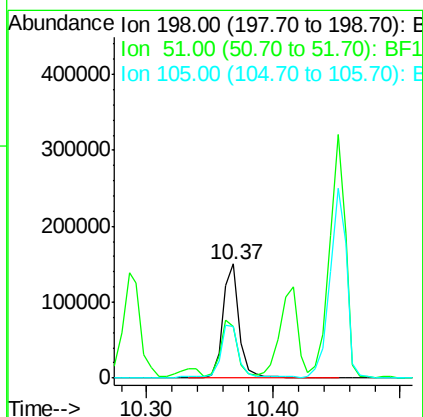
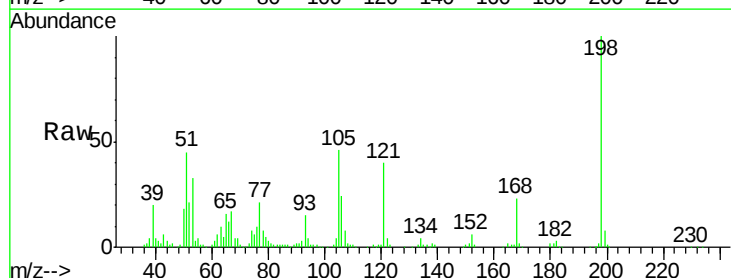


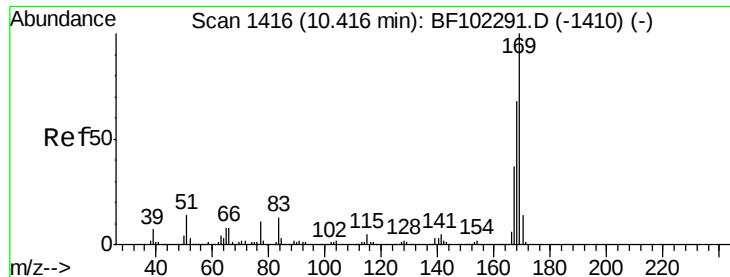
Sohil
1/29/2018 5:47:53 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.245 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.4	37.7	77.7	
105	45.8	36.3	76.3	



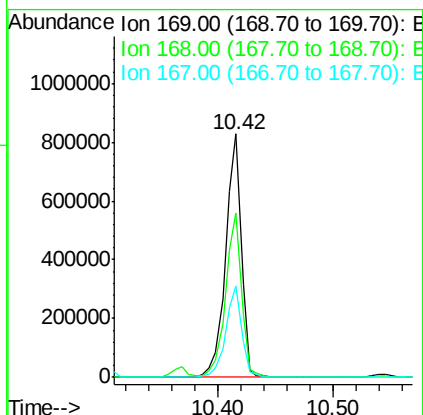
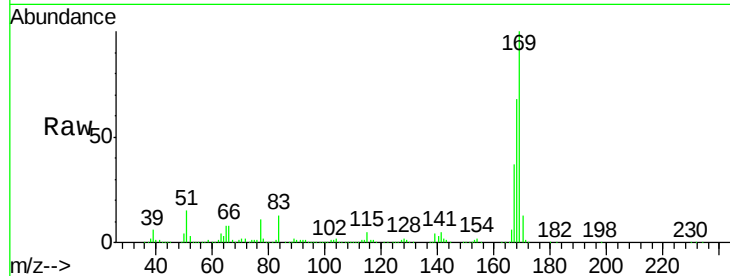


#65
n-Nitrosodiphenylamine
Concen: 40.850 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

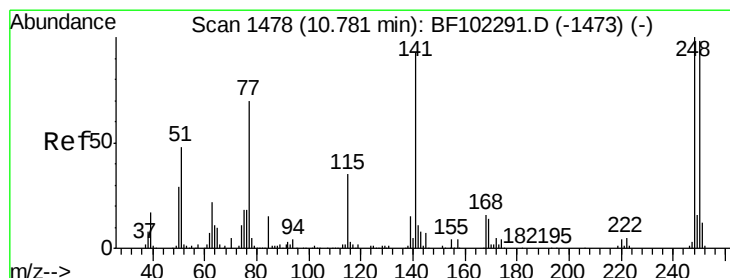
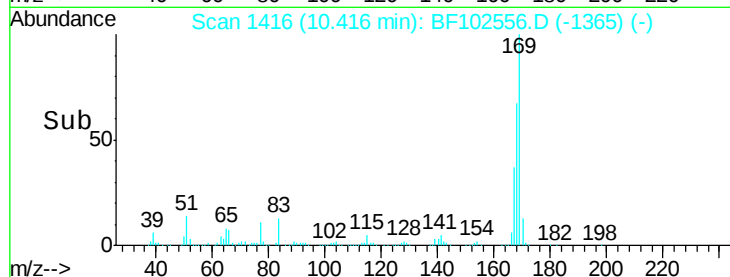
Instrument :
BNA_F
ClientSampled :
PB106105BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	37.5	29.8	44.6

Manual Integrations
APPROVED

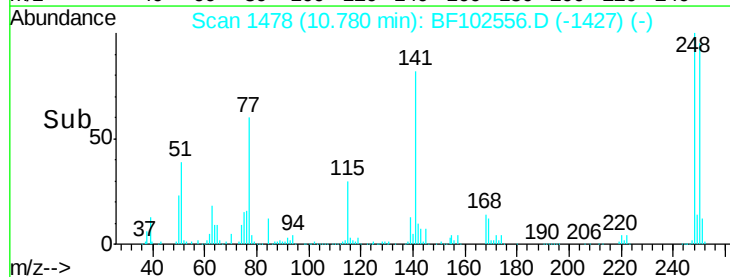
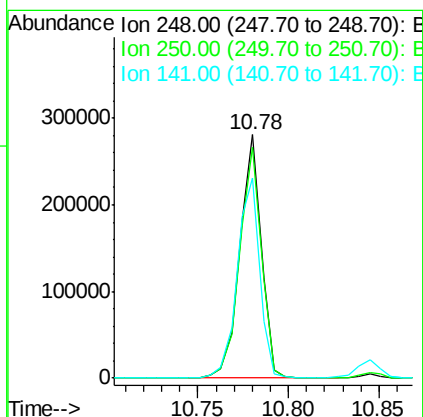
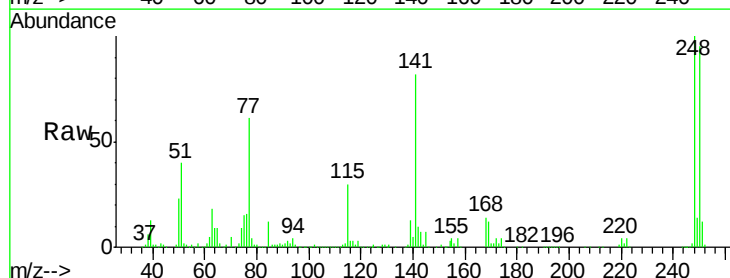


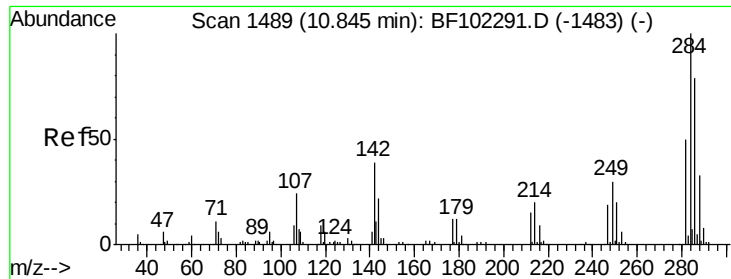
Sohil
1/29/2018 5:47:53 PM



#66
4-Bromophenyl-phenylether
Concen: 41.690 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.6	76.9	115.3
141	82.1	74.4	111.6



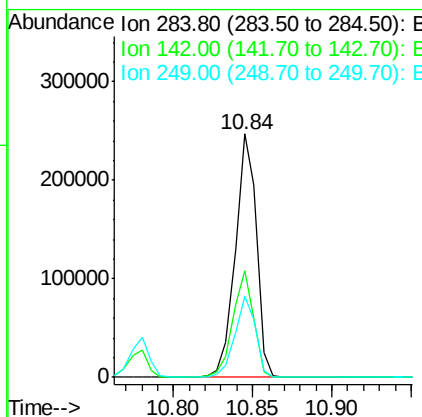
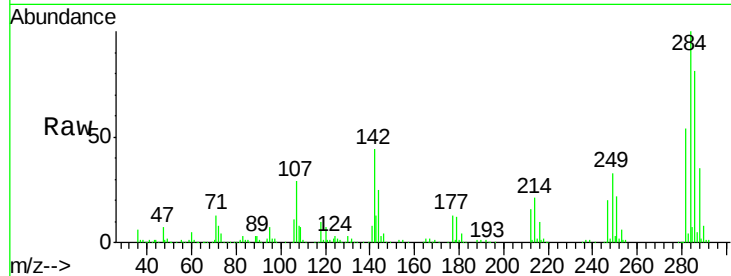


#67
Hexachlorobenzene
Concen: 36.487 ng
RT: 10.84 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

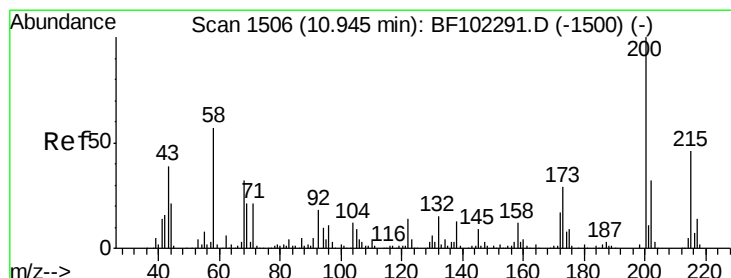
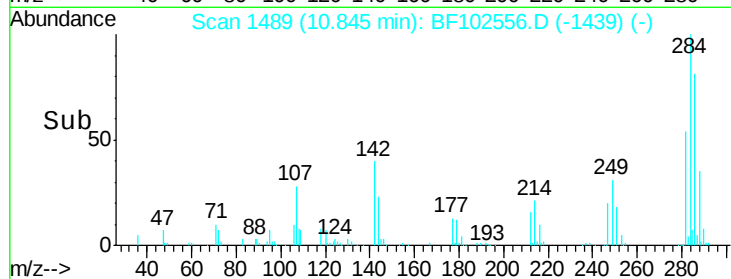
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion:	284	Resp:	227881
Ion Ratio	Lower	Upper	
284	100		
142	43.9	34.6	52.0
249	33.2	24.8	37.2

Manual Integrations
APPROVED

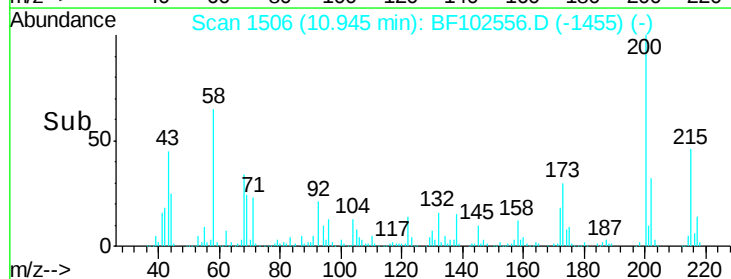
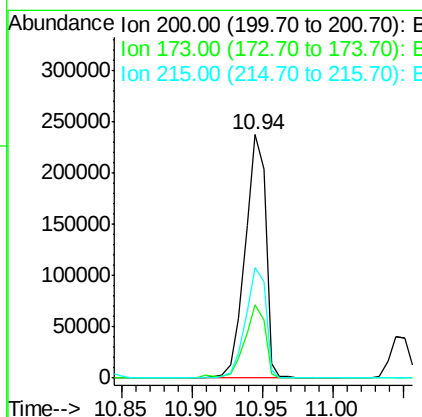
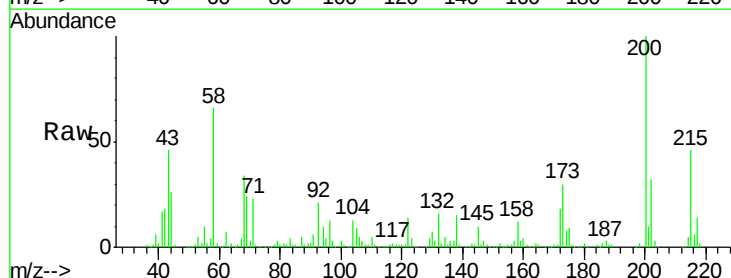


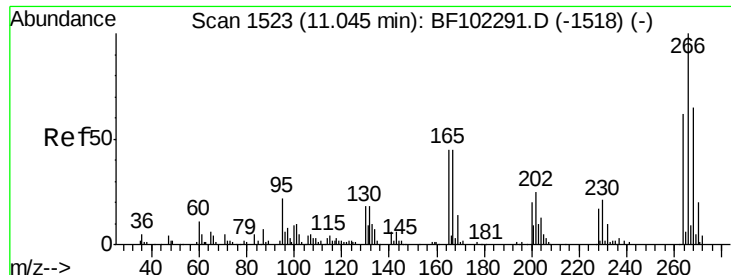
Sohil
1/29/2018 5:47:53 PM



#68
Atrazine
Concen: 43.096 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion:	200	Resp:	242351
Ion Ratio	Lower	Upper	
200	100		
173	30.0	8.6	48.6
215	45.6	25.1	65.1



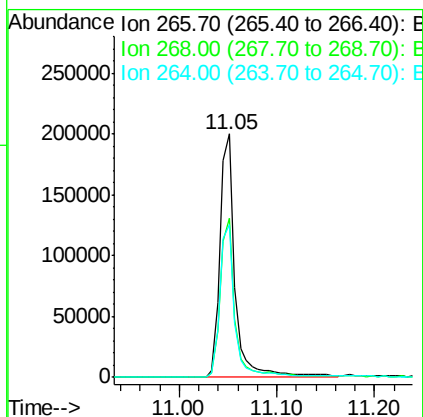
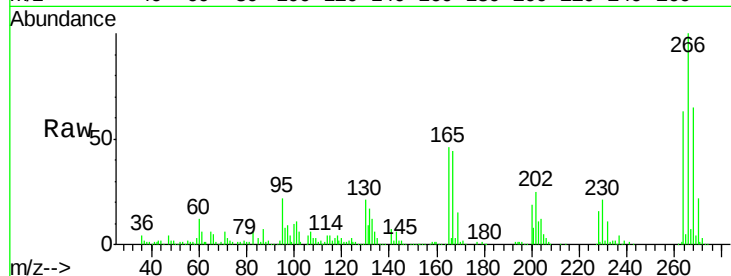


#69
 Pentachlorophenol
 Concen: 66.336 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

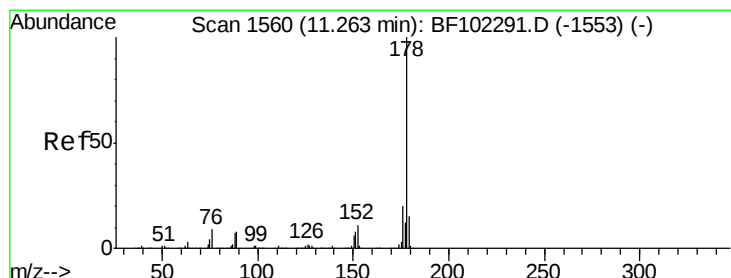
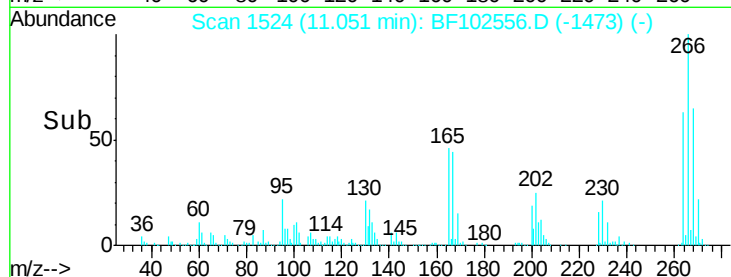
Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.0	49.5	74.3

Manual Integrations
 APPROVED

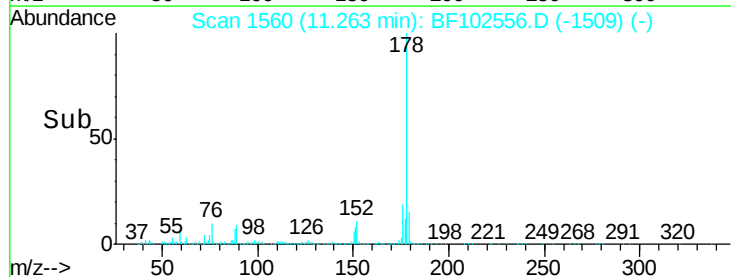
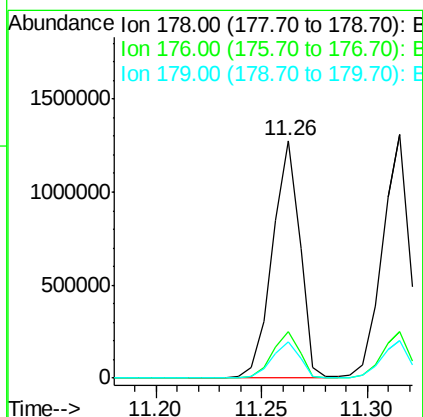
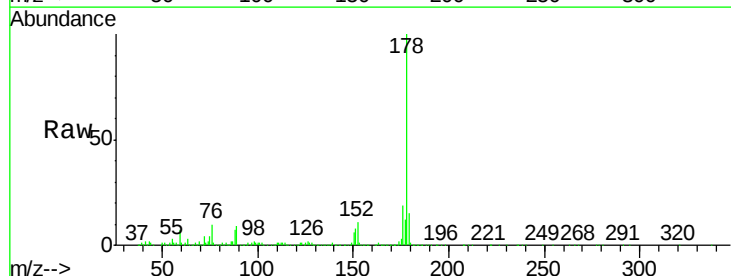


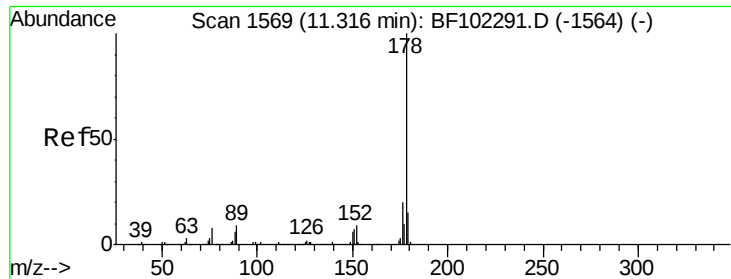
Sohil
 1/29/2018 5:47:53 PM



#70
 Phenanthrene
 Concen: 38.166 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6



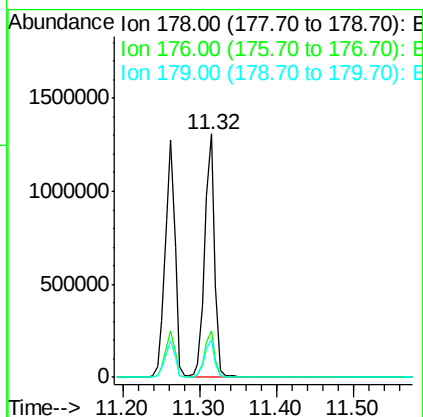
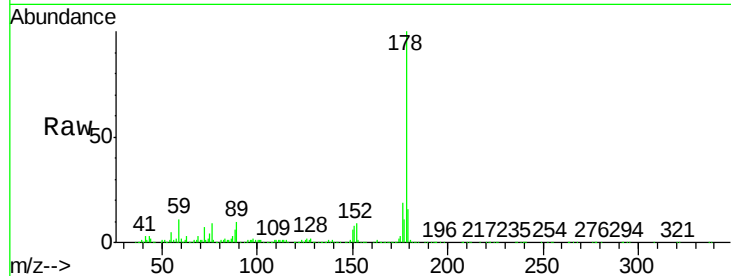


#71
 Anthracene
 Concen: 38.229 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

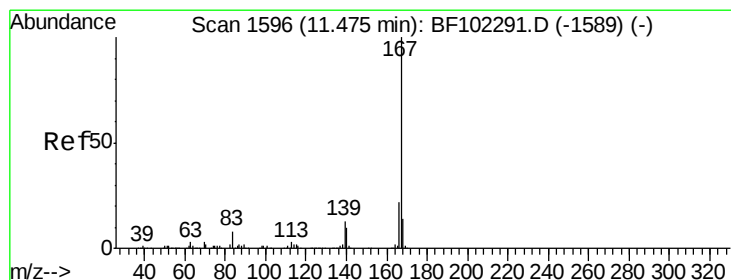
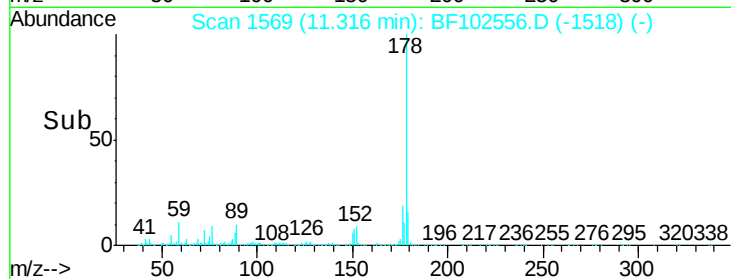
Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	19.0

Manual Integrations
 APPROVED

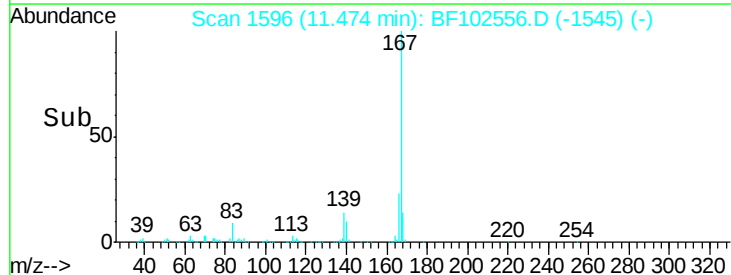
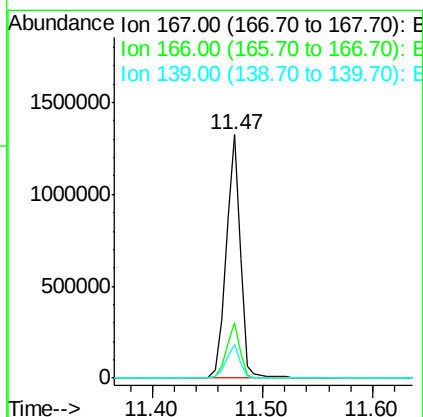
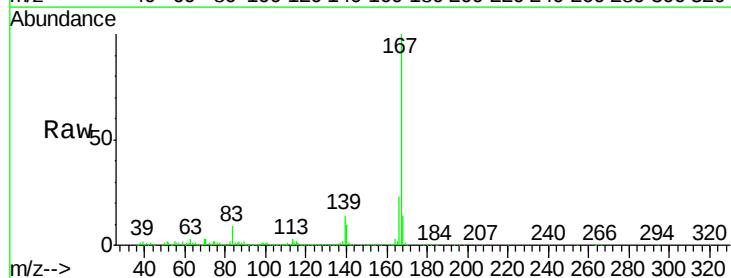


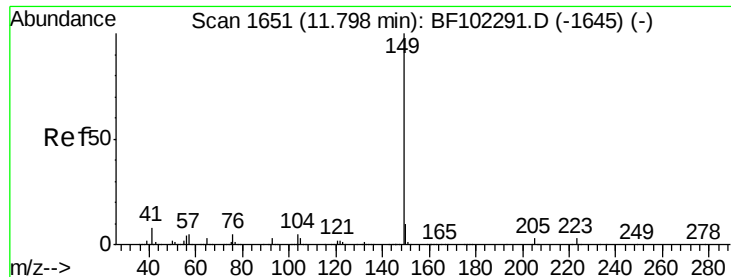
Sohil
 1/29/2018 5:47:53 PM



#72
 Carbazole
 Concen: 39.343 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.305 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

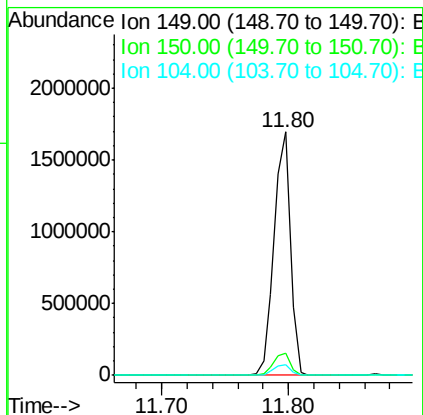
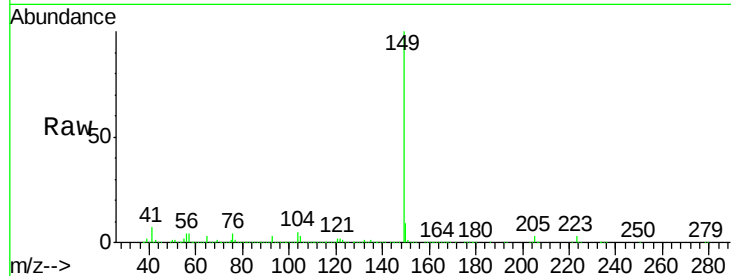
BNA_F

ClientSampleId :

PB106105BS

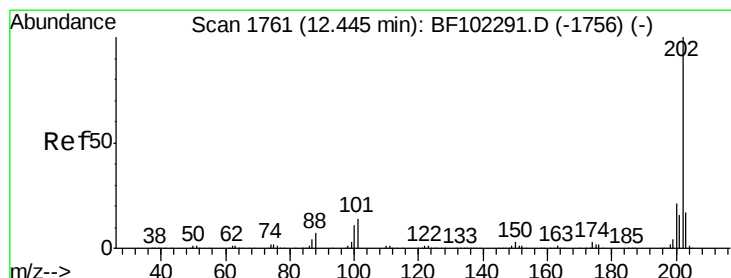
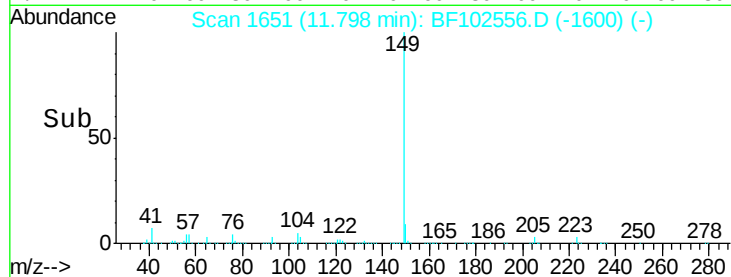
Tot Ion:	149	Resp:	1516515
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

Manual Integrations
APPROVED



Sohil

1/29/2018 5:47:53 PM



#74

Fluoranthene

Concen: 40.802 ng

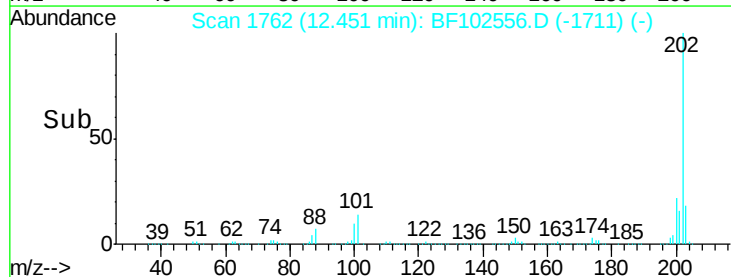
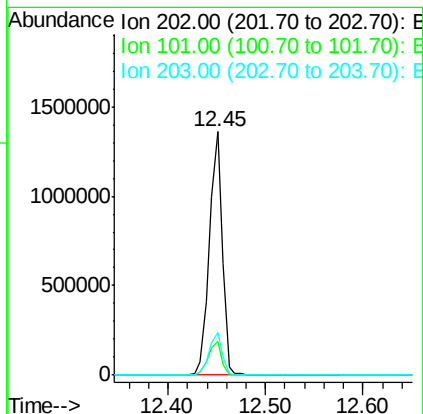
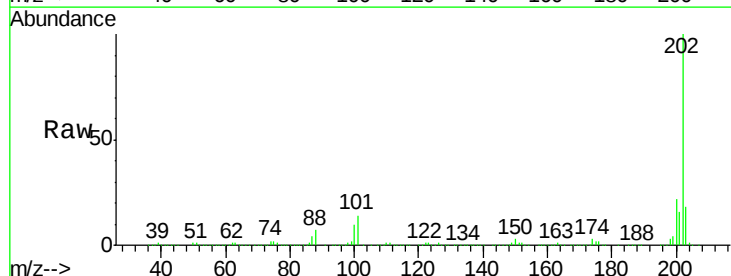
RT: 12.45 min Scan# 1762

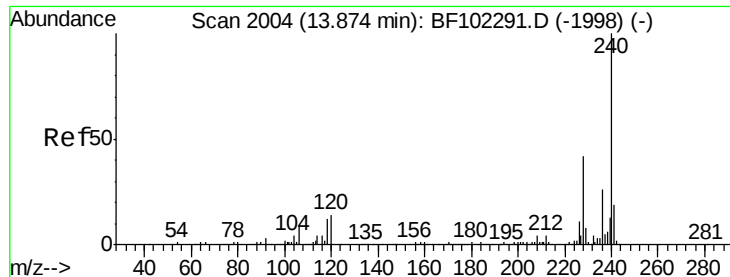
Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tgt Ion:	202	Resp:	1257794
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Instrument :

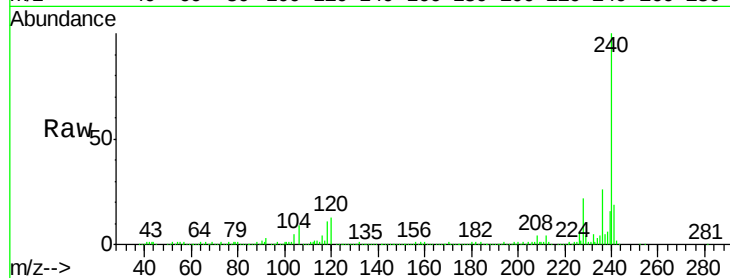
BNA_F

ClientSampleId :

PB106105BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	26.1	20.7	31.1

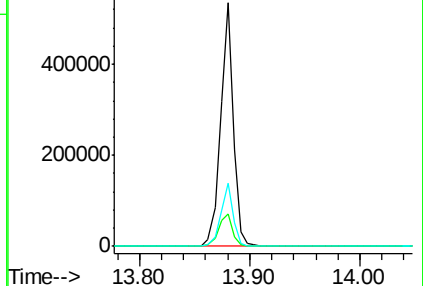
Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

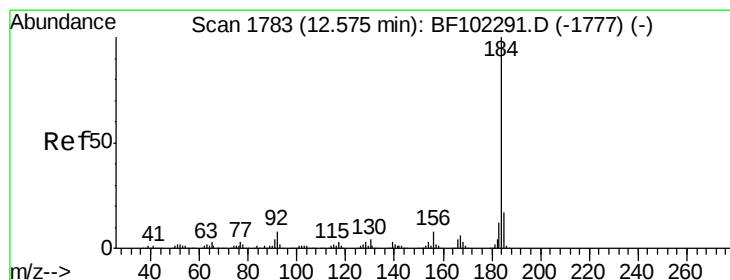
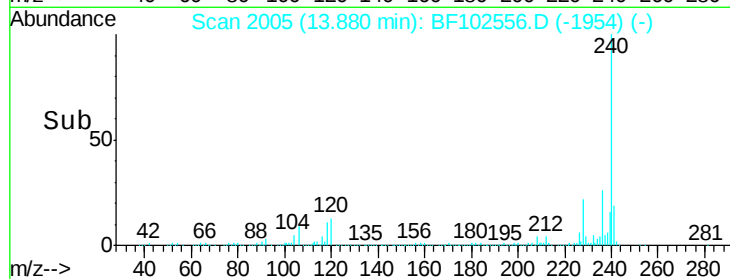
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#76

Benzidine

Concen: 27.241 ng

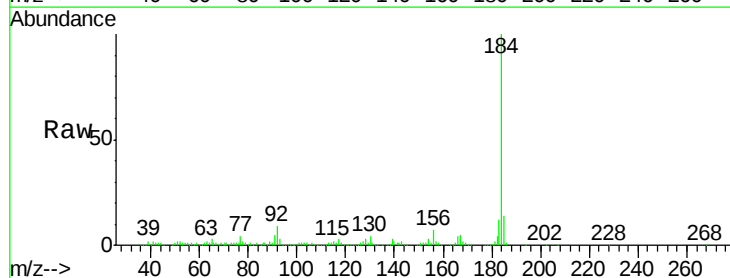
RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

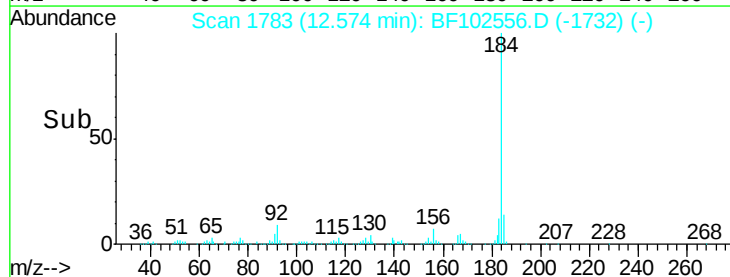
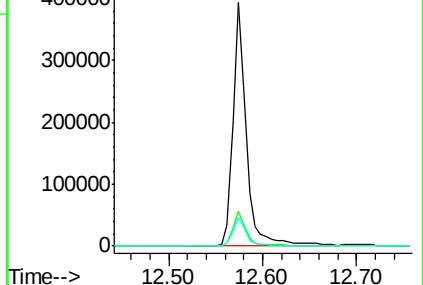
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	11.7	9.3	13.9

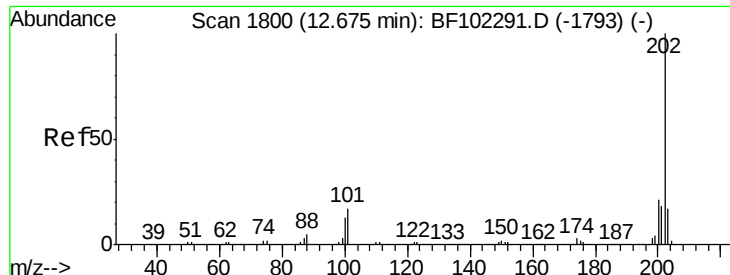


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



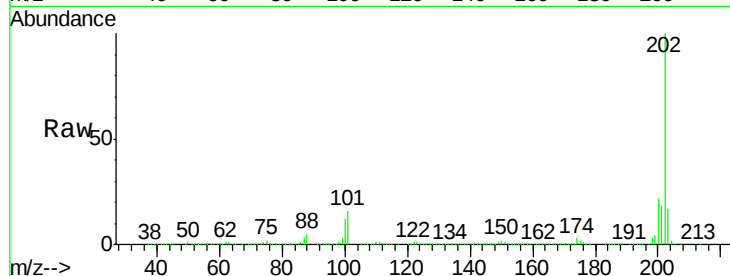


#77
Pvrene
Concen: 39.197 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

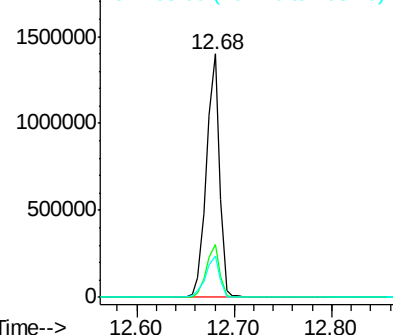
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion:202 Resp: 1304003
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.0 14.3 21.5

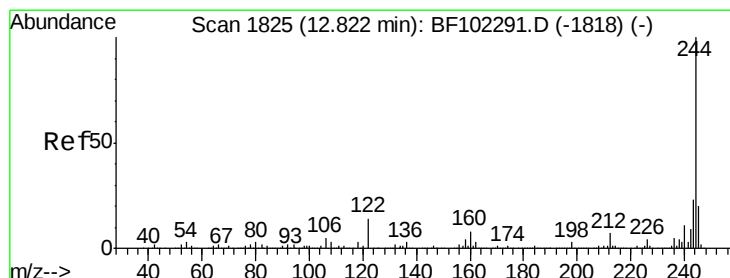
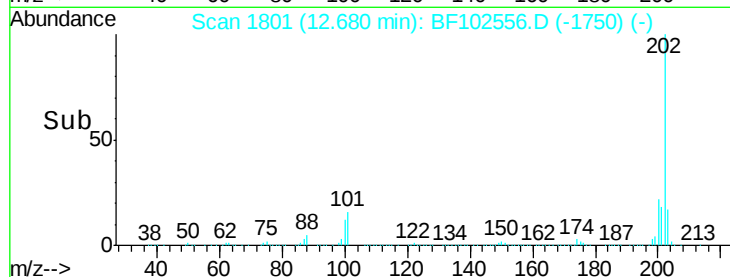
Manual Integrations
APPROVED



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

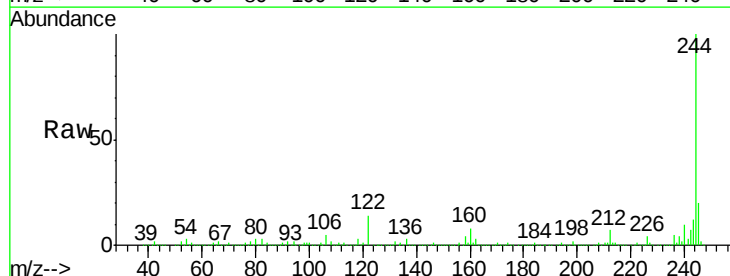


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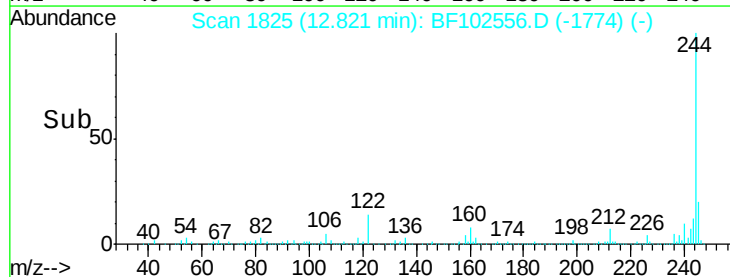
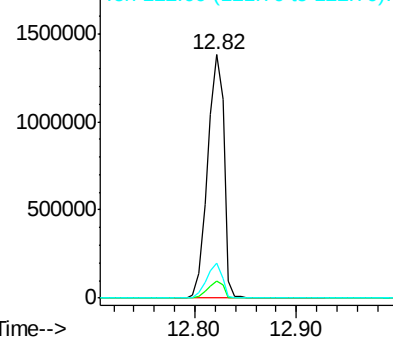


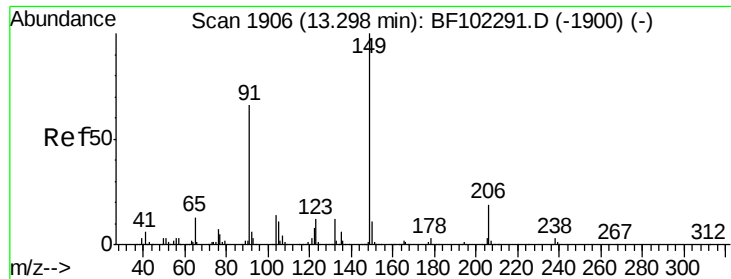
#78
Terphenyl-d14
Concen: 81.042 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion:244 Resp: 1546837
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.2 11.0 16.4



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



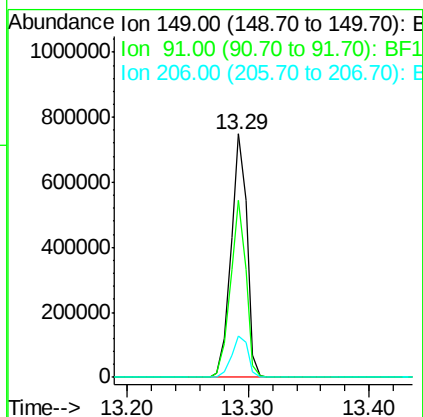
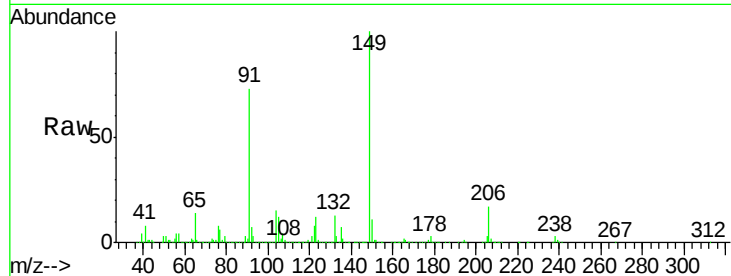


#79
Butylbenzylphthalate
Concen: 41.284 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

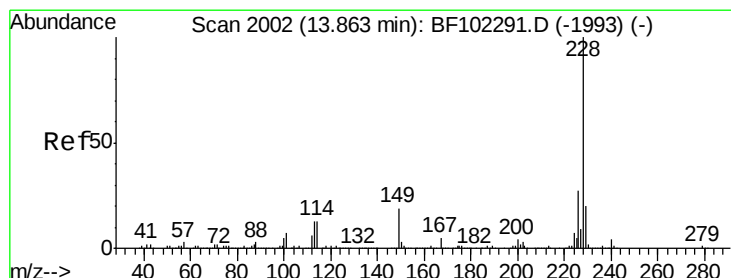
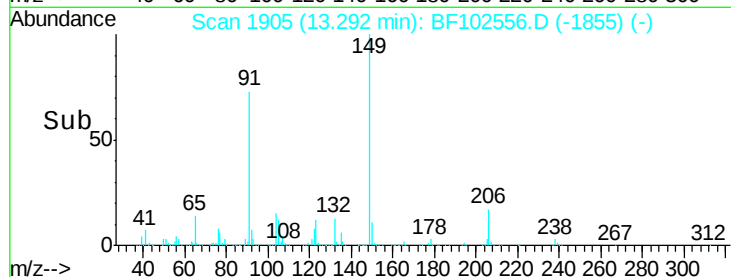
Instrument :
BNA_F
ClientSampleID :
PB106105BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	56.8	85.2
206	17.2	14.1	21.1

Manual Integrations
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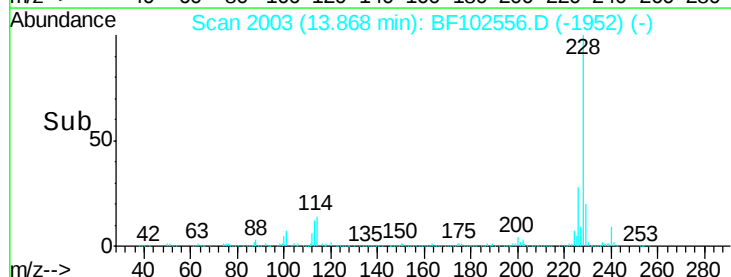
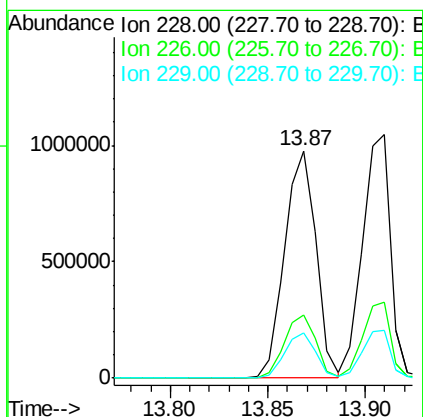
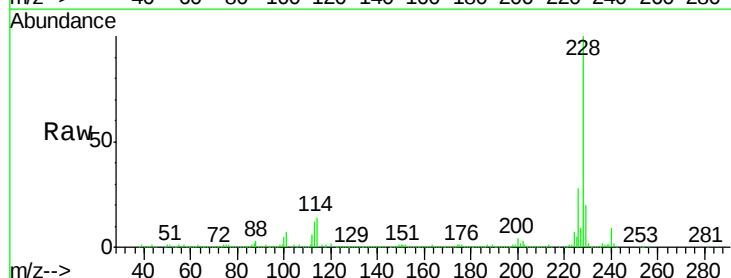


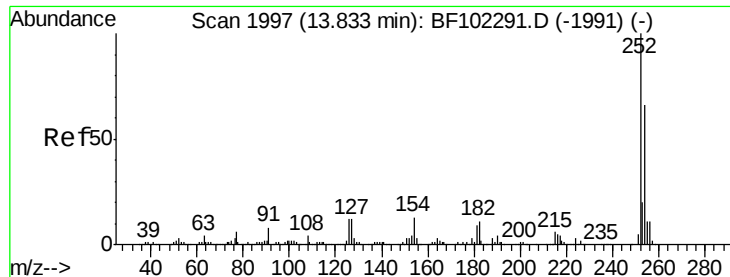
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#80
Benzo(a)anthracene
Concen: 40.993 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.1	15.8	23.6



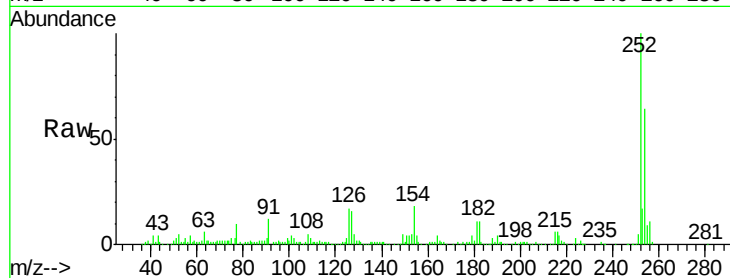


#81
 3,3'-Dichlorobenzidine
 Concen: 23.510 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

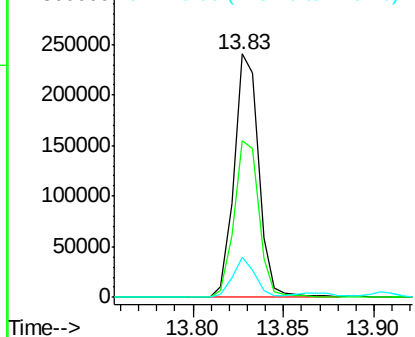
Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	16.7	11.3	16.9

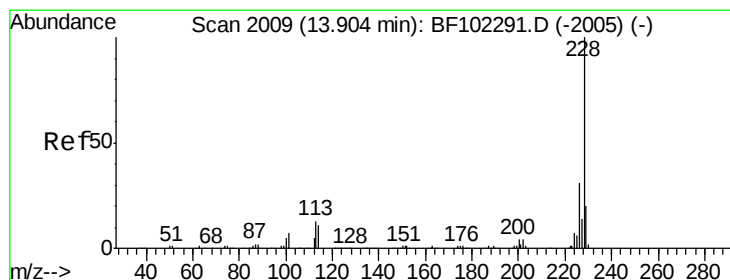
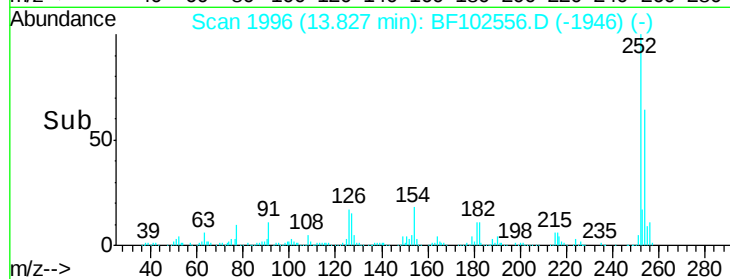
Manual Integrations
 APPROVED



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

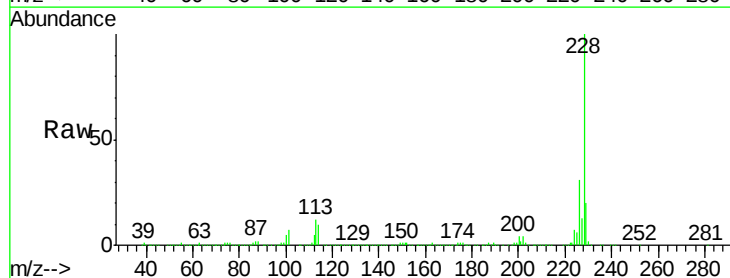


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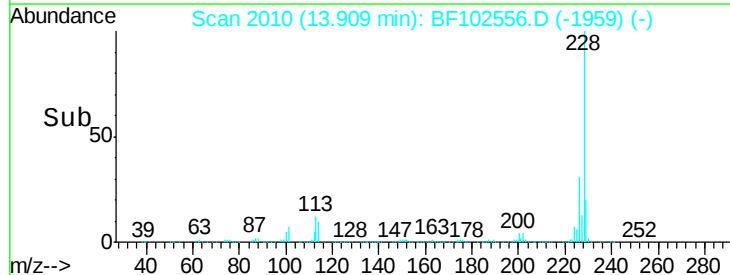
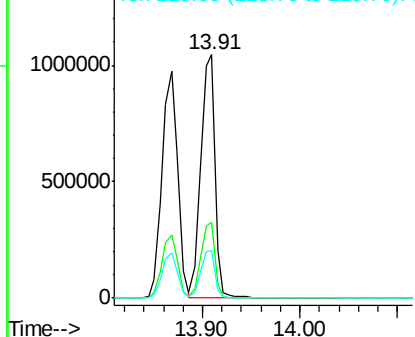


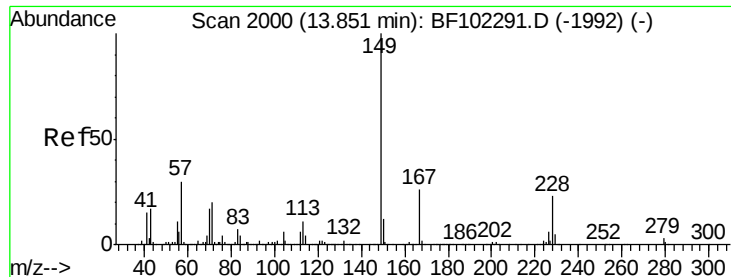
#82
 Chrysene
 Concen: 39.095 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.2	24.4



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



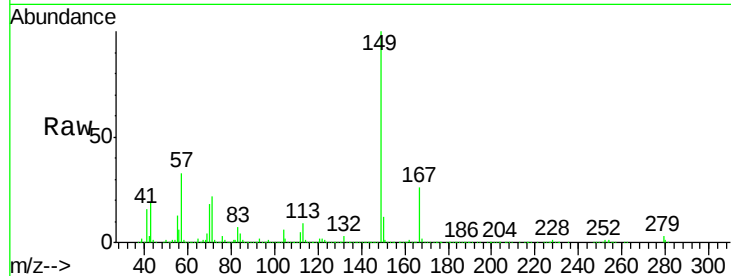


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.548 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB106105BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.6	3.0	4.4#

Manual Integrations
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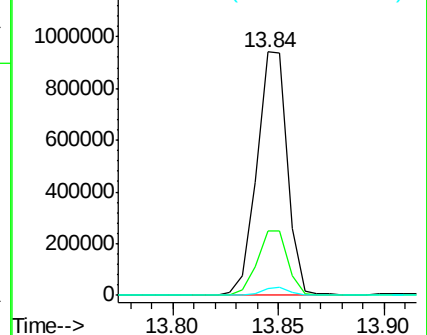


Abundance

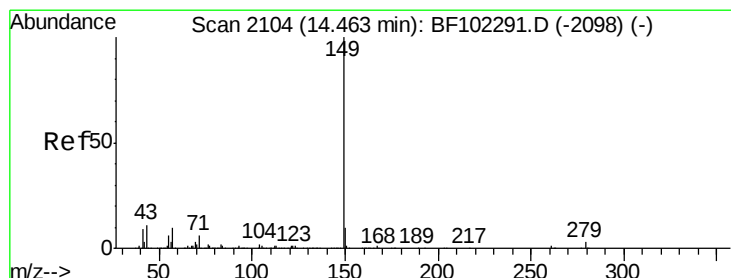
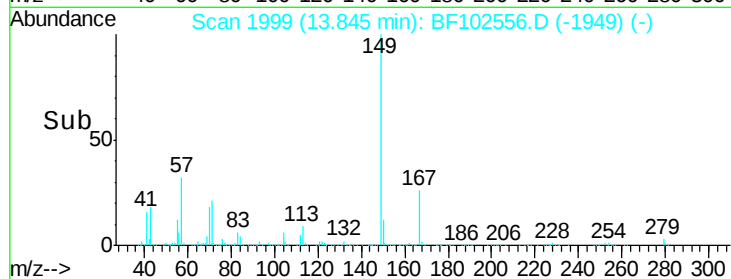
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

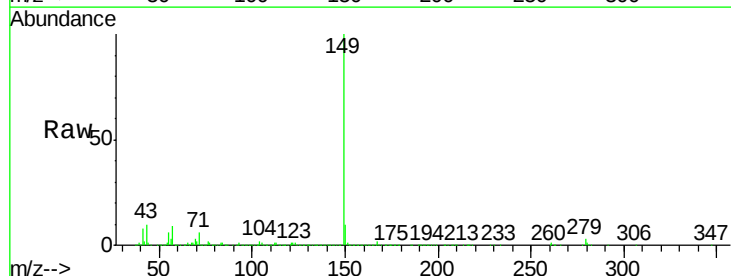


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#84
 Di-n-octyl phthalate
 Concen: 41.002 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BF102556.D
 Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	8.4	12.6

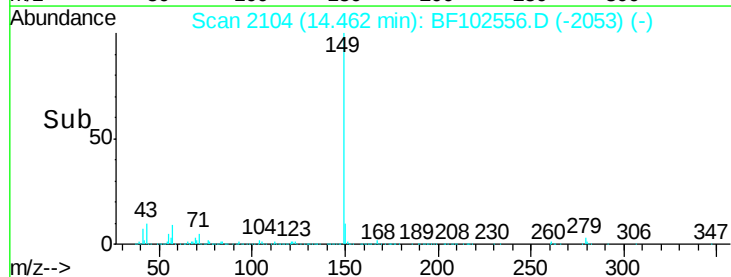
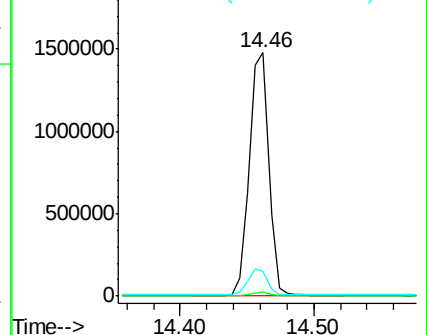


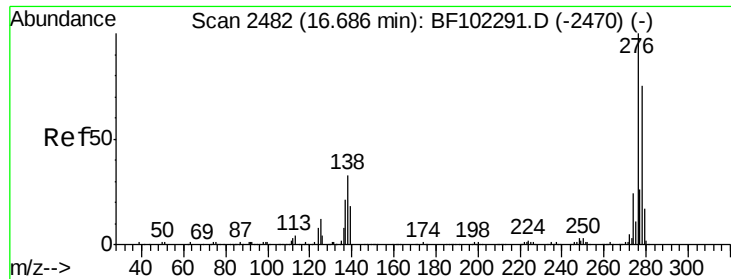
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



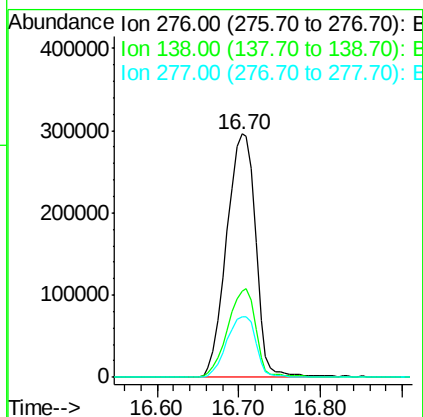
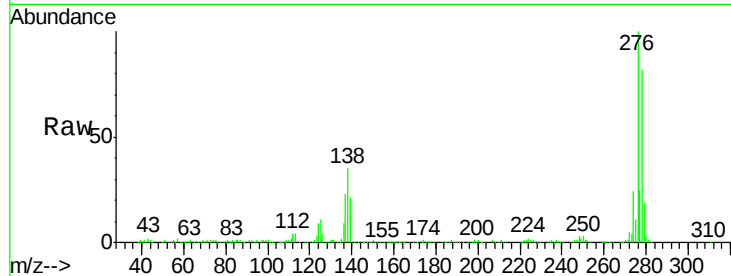


#85
Indeno(1,2,3-cd)pyrene
Concen: 33.107 ng
RT: 16.70 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

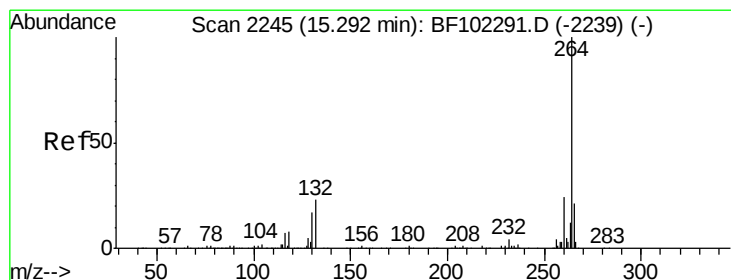
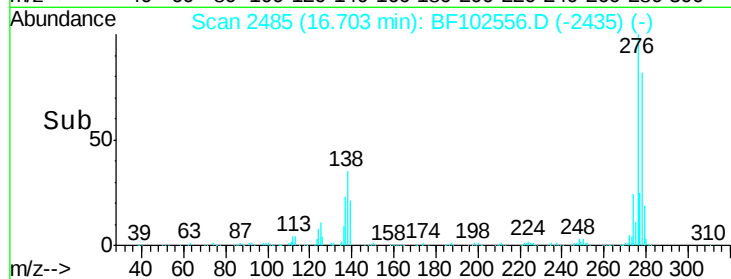
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	25.0	37.6
277	25.4	20.1	30.1

Manual Integrations
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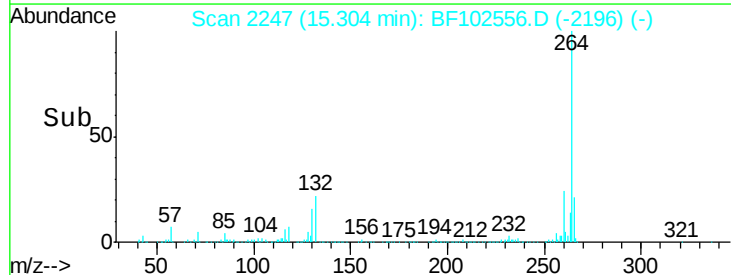
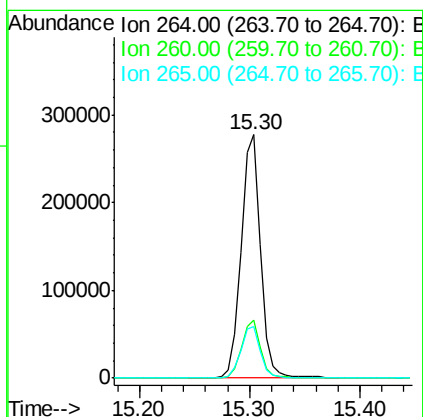
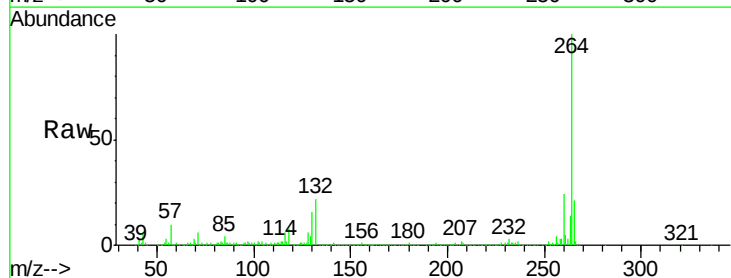


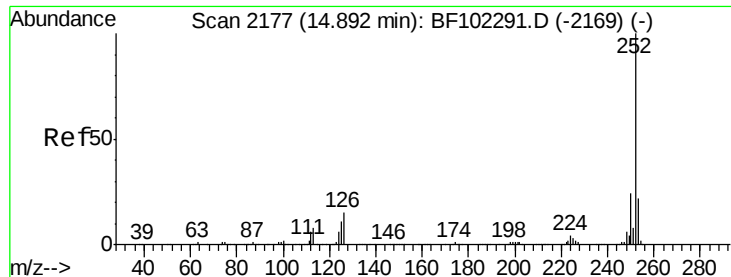
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.1	17.5	26.3



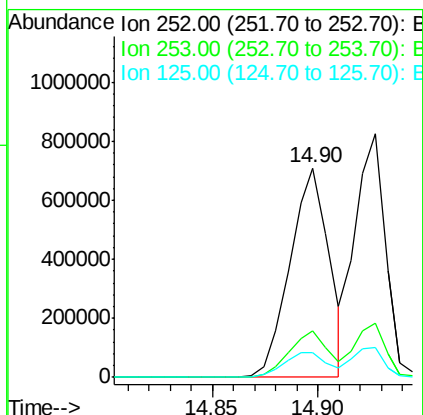
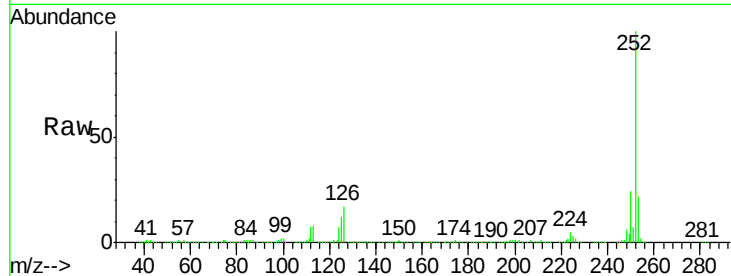


#87
Benzo(b)fluoranthene
Concen: 40.942 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

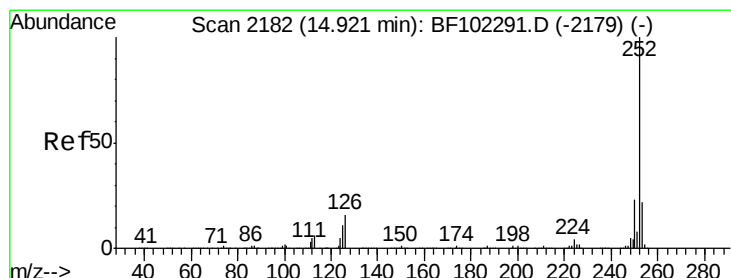
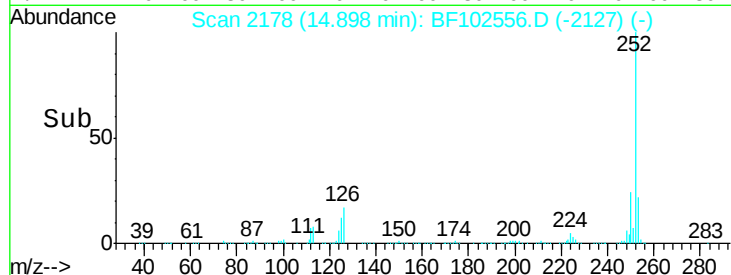
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.0	9.0	13.6

Manual Integrations
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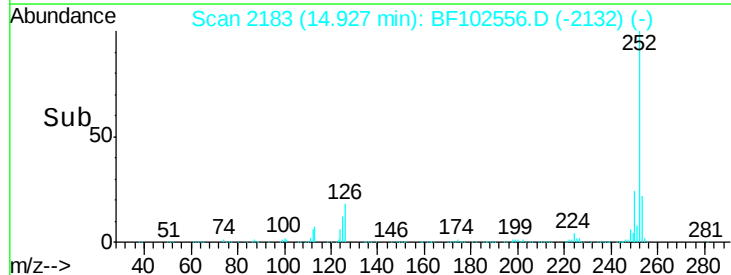
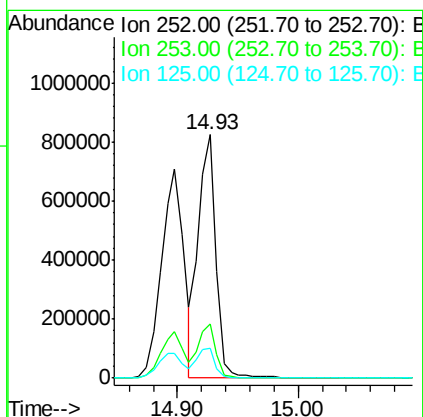
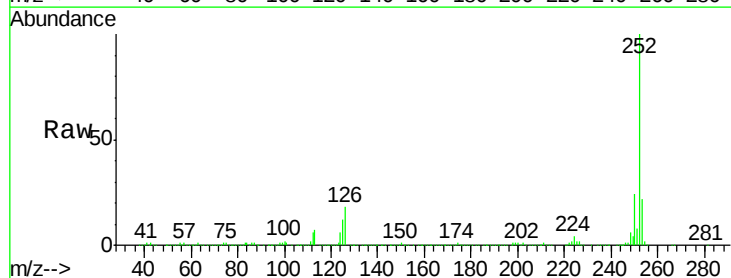


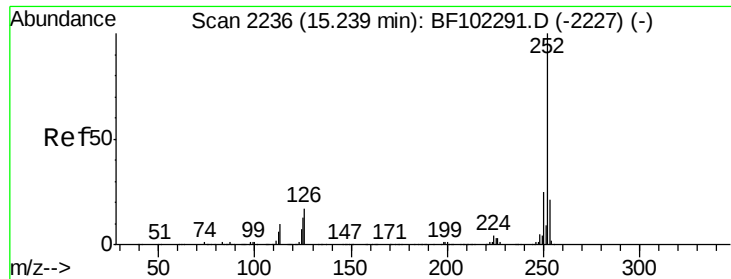
Sohil
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#88
Benzo(k)fluoranthene
Concen: 39.891 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.1	10.2	15.2



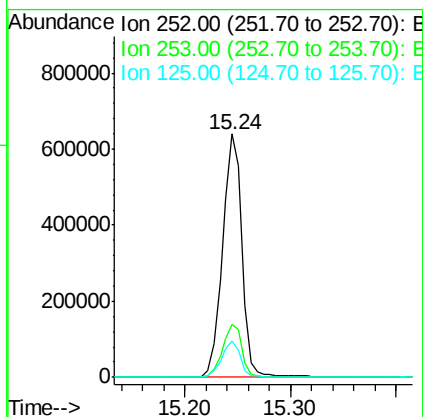
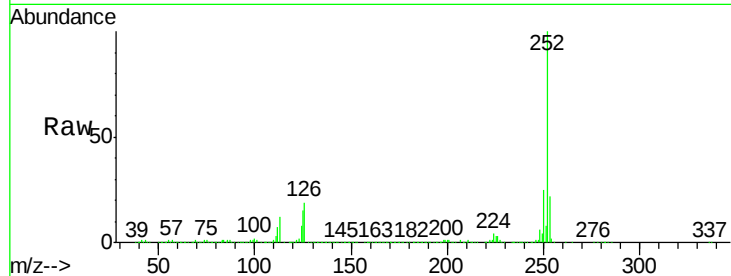


#89
Benzo(a)pyrene
Concen: 40.637 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

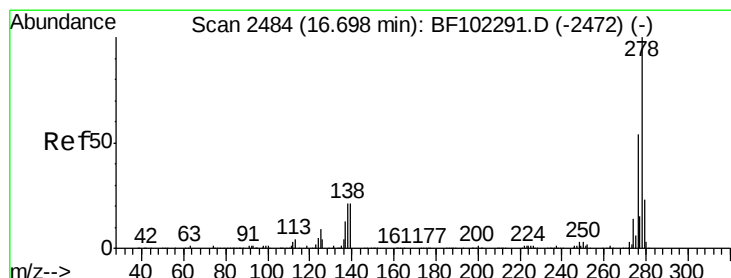
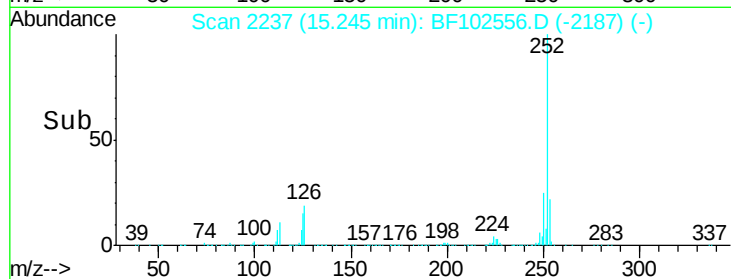
Instrument :
BNA_F
ClientSampleId :
PB106105BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	15.0	9.8	14.6

Manual Integrations
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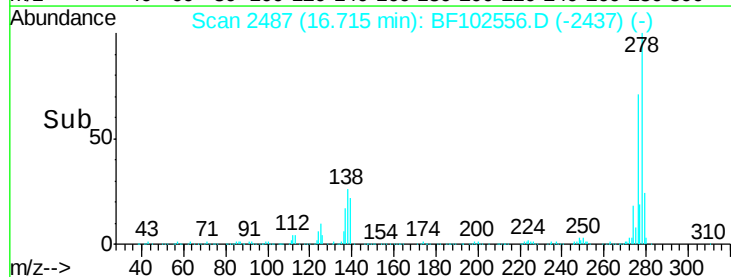
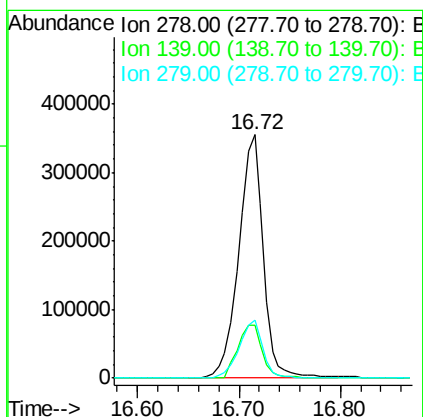
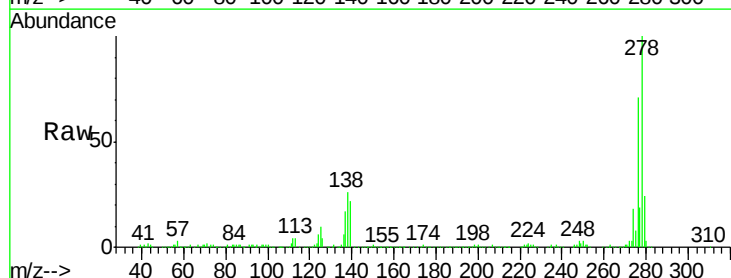


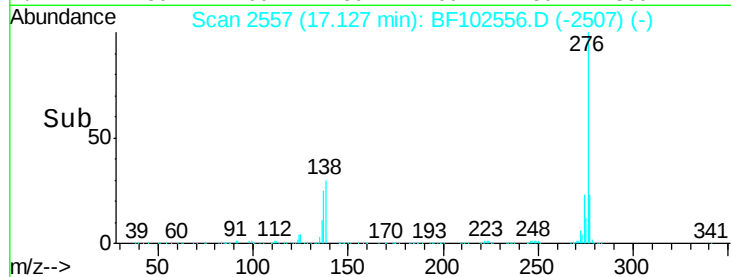
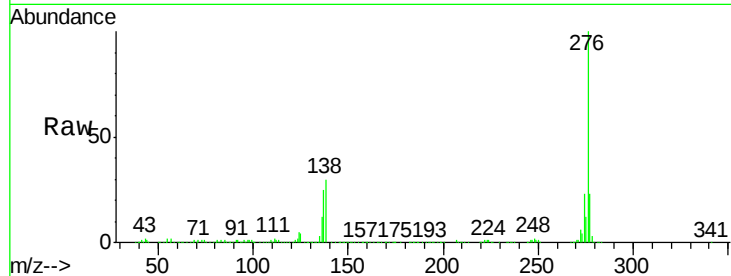
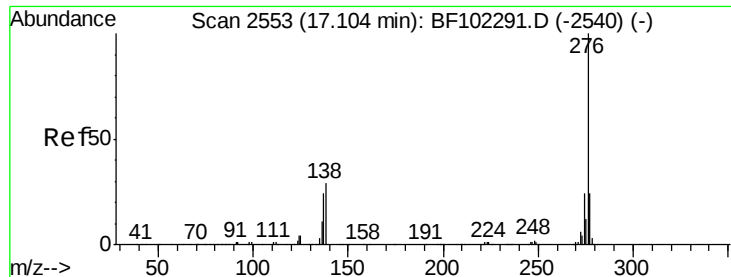
Sohil
1/29/2018 5:47:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.758 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BF102556.D
Acq: 28 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.508 ng

RT: 17.13 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BF102556.D

Acq: 28 Jan 2018 14:44

Tot Ion:	276	Resp:	635524
Ion Ratio		Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.8	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB106105BS

Manual Integrations
APPROVED

Sohil

1/29/2018 5:47:53 PM

