

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102806.D
 Acq On : 7 Feb 2018 10:59
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/8/2018 1:40:56 PM

Quant Time: Apr 13 16:23:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 16:01:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	254064	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1058591	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	489164	20.00	ng	0.01
63) Phenanthrene-d10	11.41	188	841535	20.00	ng	0.01
75) Chrysene-d12	14.06	240	591046	20.00	ng	0.02
86) Perylene-d12	15.53	264	520684	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1225403	73.25	ng	0.01
7) Phenol-d6	6.52	99	1492419	74.09	ng	0.02
23) Nitrobenzene-d5	7.45	82	1348215	88.35	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	338265	85.92	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	2112481	71.66	ng	0.00
78) Terphenyl-d14	13.00	244	1782330	71.40	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	312048	37.764	ng	87
3) Pyridine	3.43	79	887715	38.885	ng	87
4) n-Nitrosodimethylamine	3.39	42	370090	37.889	ng	98
6) Aniline	6.55	93	1117198	37.556	ng	95
8) 2-Chlorophenol	6.67	128	651762	37.842	ng	93
9) Benzaldehyde	6.44	77	516501	34.528	ng	96
10) Phenol	6.53	94	813344	37.896	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	670761	37.341	ng	92
12) 1,3-Dichlorobenzene	6.83	146	740310	37.118	ng	99
13) 1,4-Dichlorobenzene	6.90	146	739275	37.210	ng	99
14) 1,2-Dichlorobenzene	7.06	146	664983	35.935	ng	98
15) Benzyl Alcohol	7.03	79	594725	38.402	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1223334	35.851	ng	98
17) 2-Methylphenol	7.13	107	601358	37.853	ng	100
18) Hexachloroethane	7.40	117	271847	39.902	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	479574	36.110	ng	96
20) 3+4-Methylphenols	7.29	107	705954	36.034	ng	92
22) Acetophenone	7.30	105	908172	35.058	ng	96
24) Nitrobenzene	7.47	77	740468	41.246	ng	96
25) Isophorone	7.71	82	1322110	37.626	ng	99
26) 2-Nitrophenol	7.78	139	380978	51.001	ng	95
27) 2,4-Dimethylphenol	7.82	122	578793	38.988	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	777020	37.329	ng	99
29) 2,4-Dichlorophenol	8.02	162	537981	39.864	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	574405	37.624	ng	98
31) Naphthalene	8.19	128	1885644	36.458	ng	99
32) Benzoic acid	7.95	122	478622	46.307	ng	97
33) 4-Chloroaniline	8.24	127	853992	38.329	ng	99
34) Hexachlorobutadiene	8.30	225	295724	37.801	ng	98
35) Caprolactam	8.63	113	192934	41.166	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	592579	39.081	ng	98
37) 2-Methylnaphthalene	8.88	142	1244423	36.750	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	503004	37.766	ng	99
40) Hexachlorocyclopentadiene	9.03	237	268122	42.347	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	364889	41.710	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	409095	41.490	ng	96
45) 1,1'-Biphenyl	9.34	154	1482997	35.994	ng	99
46) 2-Chloronaphthalene	9.37	162	1197630	36.923	ng	98
47) 2-Nitroaniline	9.47	65	449147	45.100	ng	95
48) Acenaphthylene	9.79	152	1827433	36.274	ng	99
49) Dimethylphthalate	9.65	163	1436821	37.671	ng	100
50) 2,6-Dinitrotoluene	9.71	165	321999	44.374	ng	96
51) Acenaphthene	9.96	154	1121781	37.234	ng	99
52) 3-Nitroaniline	9.88	138	404580	45.313	ng	97
53) 2,4-Dinitrophenol	9.98	184	133306	63.916	ng #	18
54) Dibenzofuran	10.13	168	1522625	35.861	ng	97
55) 4-Nitrophenol	10.03	139	295745	42.303	ng	95
56) 2,4-Dinitrotoluene	10.11	165	426225	44.066	ng	97
57) Fluorene	10.47	166	1152785	37.317	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	285547	41.783	ng	99
59) Diethylphthalate	10.34	149	1387731	36.848	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	519539	38.018	ng	97
61) 4-Nitroaniline	10.50	138	390424	45.939	ng	92
62) Azobenzene	10.63	77	1343738	35.716	ng	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	211185	56.777	ng	95
65) n-Nitrosodiphenylamine	10.59	169	1097570	36.976	ng	100
66) 4-Bromophenyl-phenylether	10.96	248	338360	38.010	ng	91
67) Hexachlorobenzene	11.02	284	369135	37.588	ng	95
68) Atrazine	11.11	200	342485	39.110	ng	98
69) Pentachlorophenol	11.22	266	273032	47.362	ng	99
70) Phenanthrene	11.44	178	1648274	35.168	ng	99
71) Anthracene	11.49	178	1706822	35.806	ng	100
72) Carbazole	11.64	167	1702574	36.457	ng	99
73) Di-n-butylphthalate	11.97	149	2110228	37.198	ng	100
74) Fluoranthene	12.63	202	1677176	35.568	ng	99
76) Benzidine	12.74	184	910668	33.524	ng	98
77) Pyrene	12.86	202	1743002	37.607	ng	100
79) Butylbenzylphthalate	13.47	149	901425	40.817	ng	97
80) Benzo(a)anthracene	14.04	228	1417015	38.121	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	534805	38.804	ng	98
82) Chrysene	14.08	228	1358255	36.249	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1186900	41.804	ng	100
84) Di-n-octyl phthalate	14.63	149	1845647	43.294	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1149530	36.989	ng	99
87) Benzo(b)fluoranthene	15.10	252	1307392	38.729	ng	98
88) Benzo(k)fluoranthene	15.13	252	1244838	38.593	ng	99
89) Benzo(a)pyrene	15.47	252	1167972	38.438	ng	99
90) Dibenzo(a,h)anthracene	17.05	278	949773	38.509	ng	100
91) Benzo(g,h,i)perylene	17.49	276	949433	39.330	ng	96

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

```

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Acq On    : 7 Feb 2018 10:59
Operator  : SJ/JU
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1

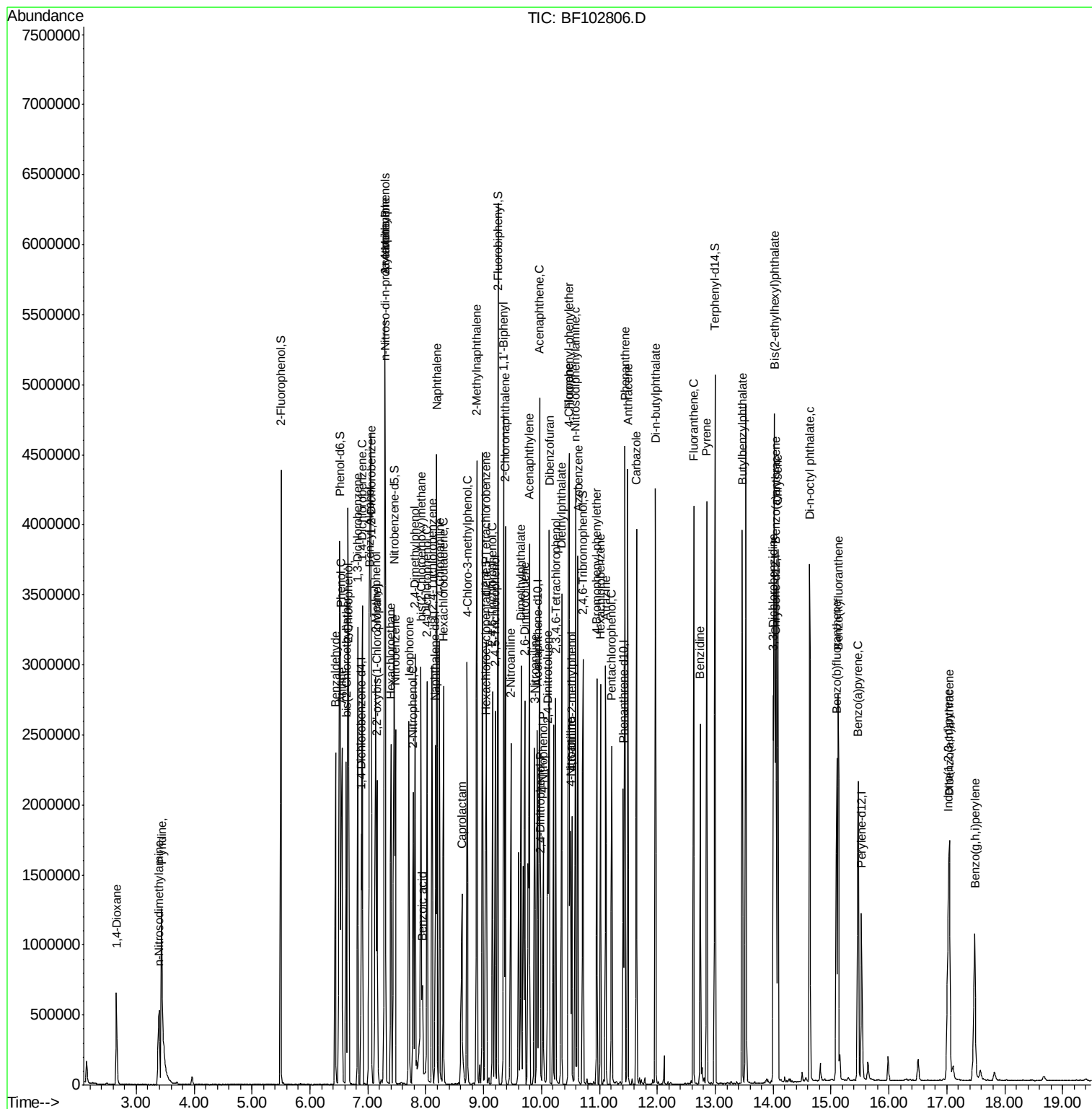
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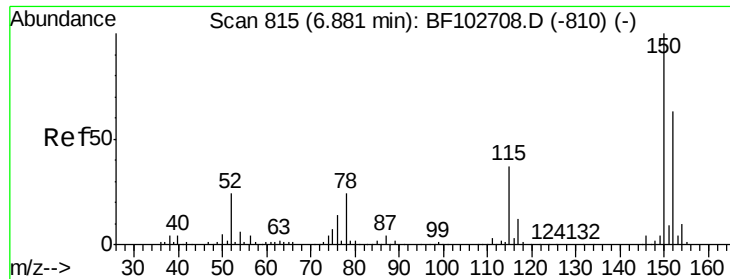
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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#1

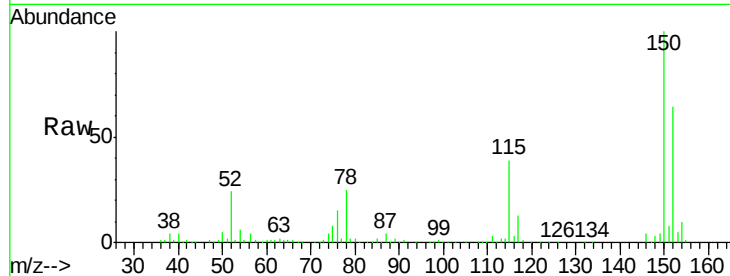
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	61.1	50.1	75.1

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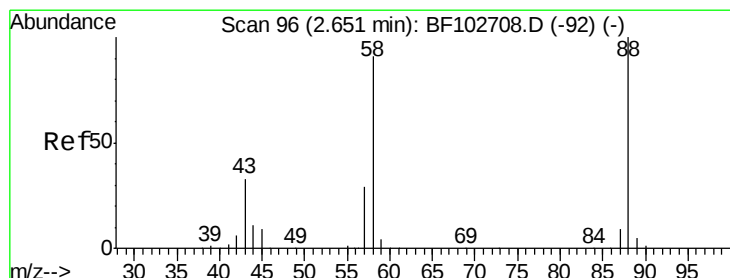
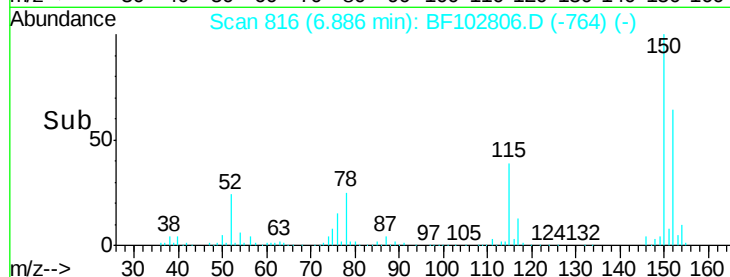
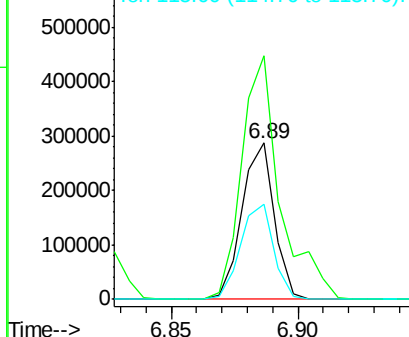


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

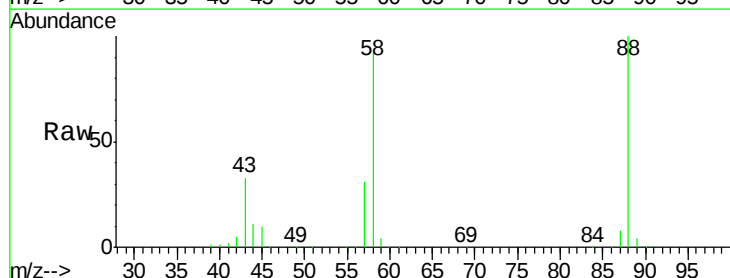
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.764 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.8	62.6	93.8
43	31.8	24.6	37.0

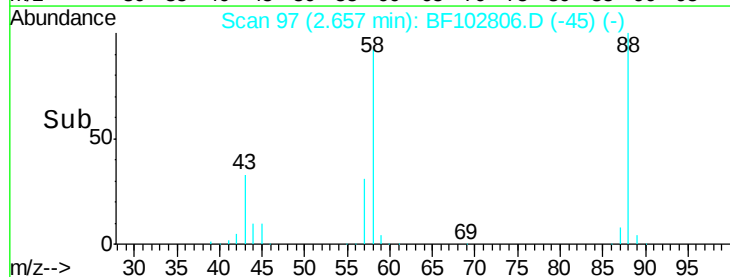
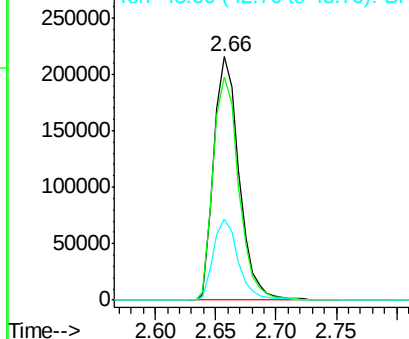


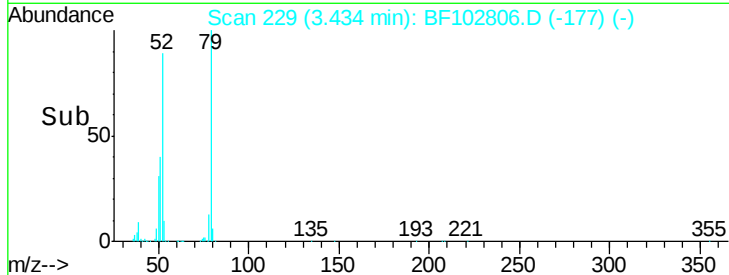
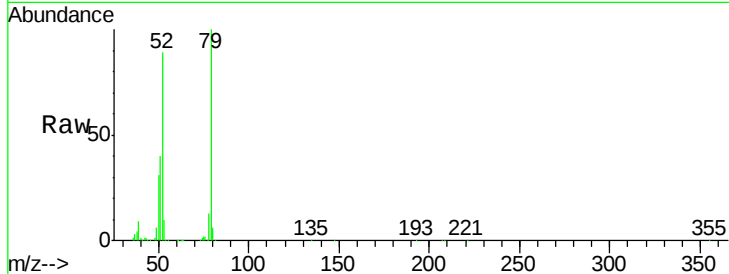
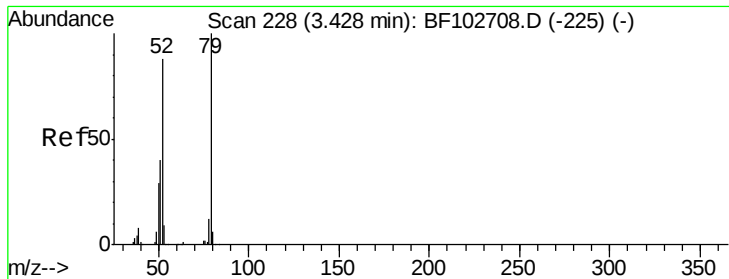
Abundance

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





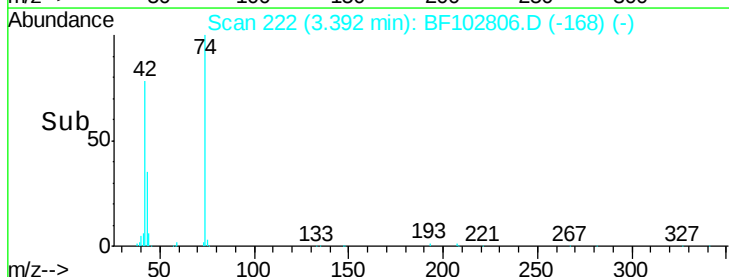
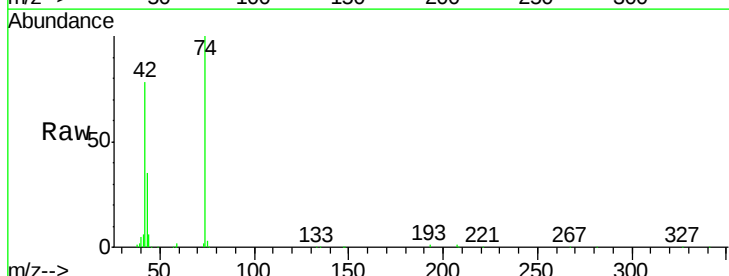
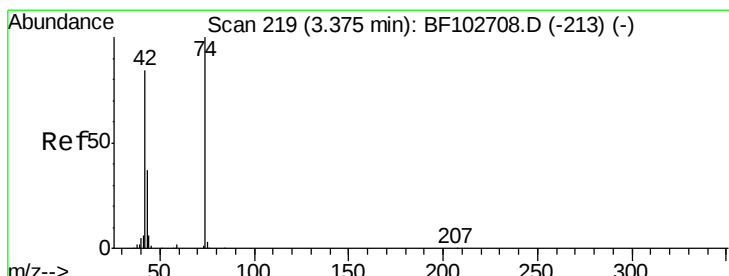
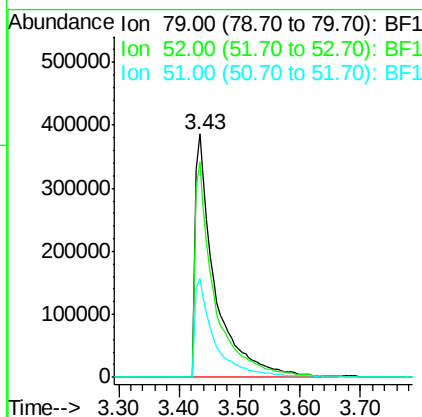
#3
 Pvridine
 Concen: 38.885 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.6	59.8	89.6
51	40.4	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

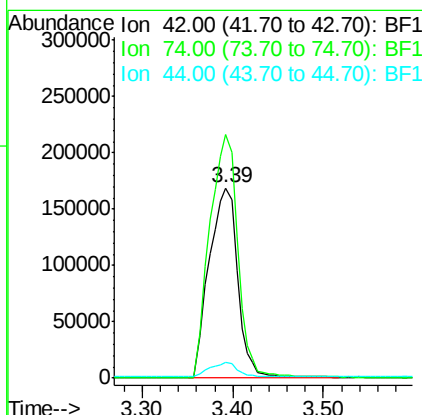
Manual Integrations
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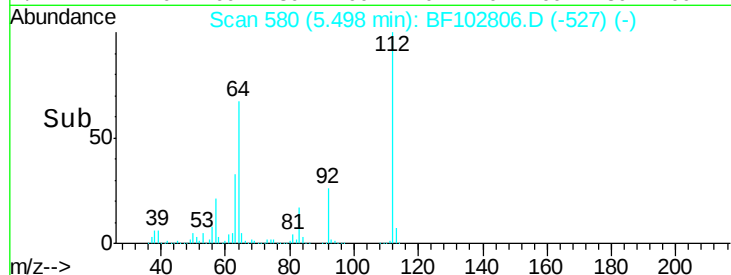
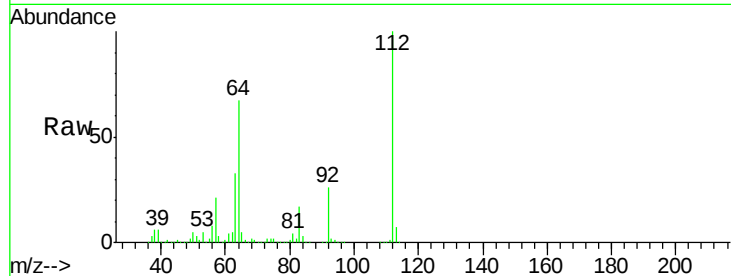
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#4
 n-Nitrosodimethylamine
 Concen: 37.889 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.02 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.2	104.9	157.3
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 73.248 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102806.D

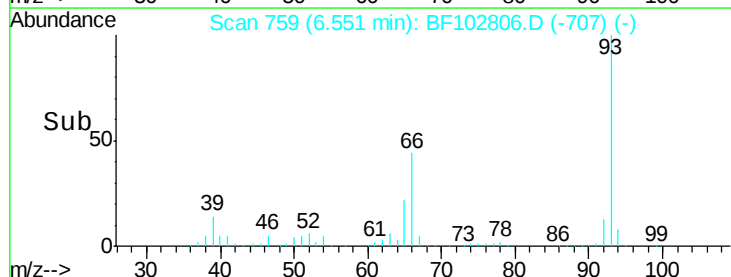
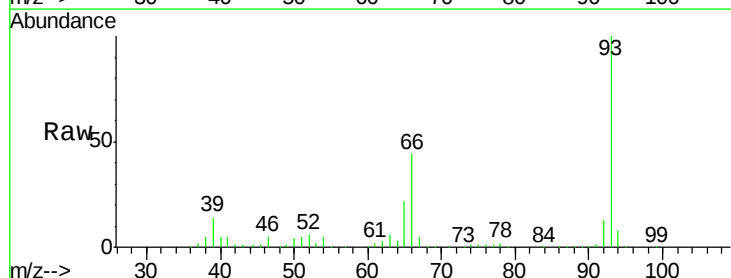
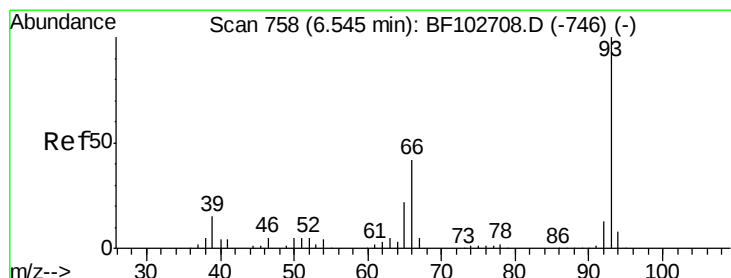
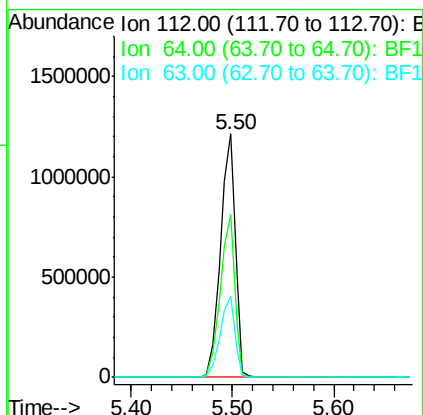
Acq: 7 Feb 2018 10:59

Tot Ion:	112	Resp:	1225403
Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	33.0	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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#6

Aniline

Concen: 37.556 ng

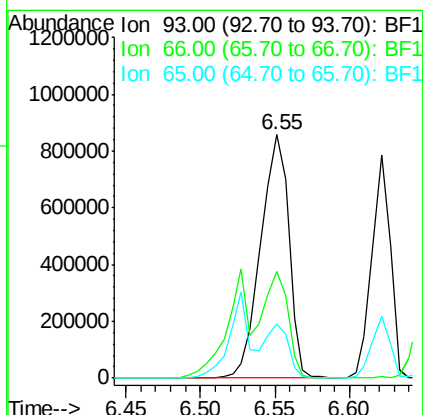
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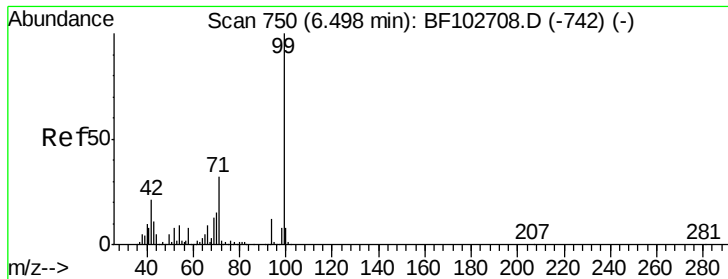
Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:	93	Resp:	1117198
Ion	Ratio	Lower	Upper
93	100		
66	43.6	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 74.090 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1492419

Ion Ratio Lower Upper

99 100

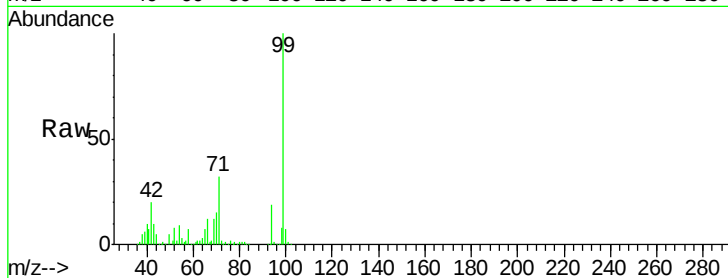
42 19.5 14.5 21.7

71 31.9 25.4 38.0

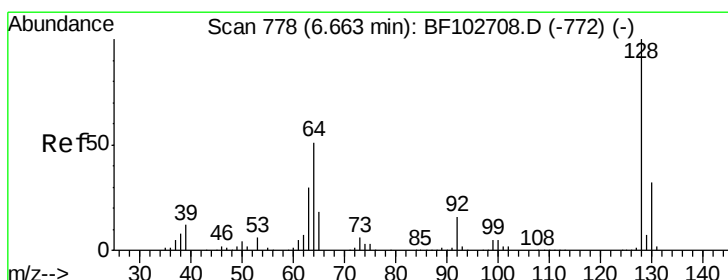
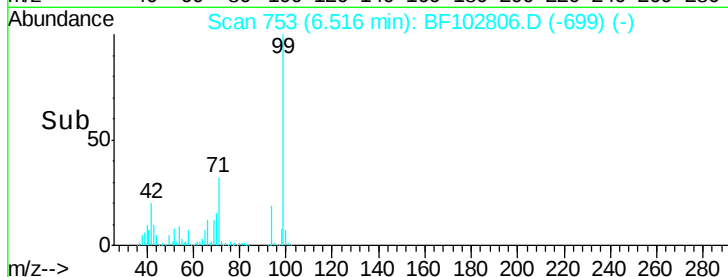
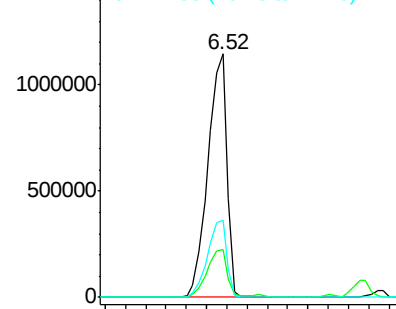
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.842 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

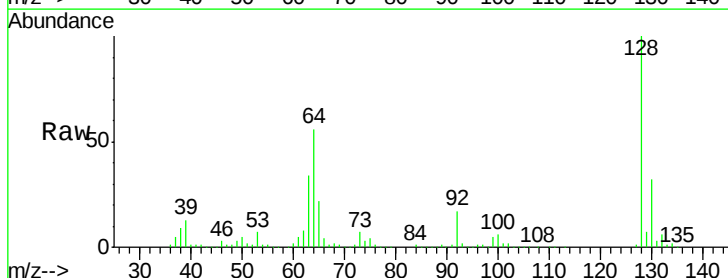
Tgt Ion: 128 Resp: 651762

Ion Ratio Lower Upper

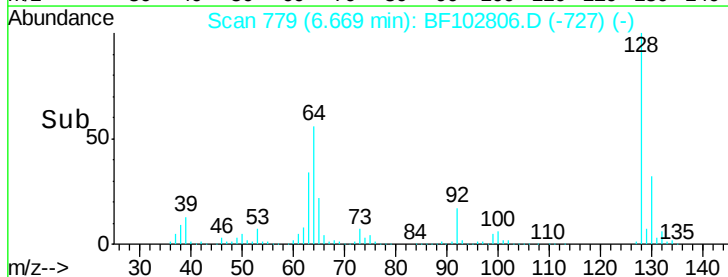
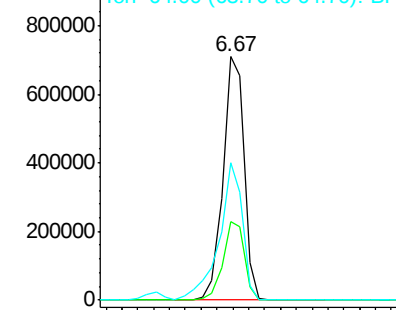
128 100

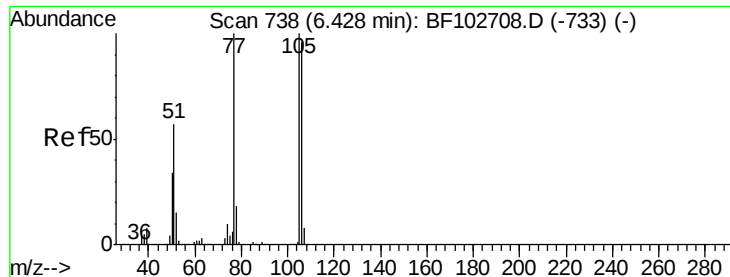
130 32.5 13.0 53.0

64 56.5 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: 34.528 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

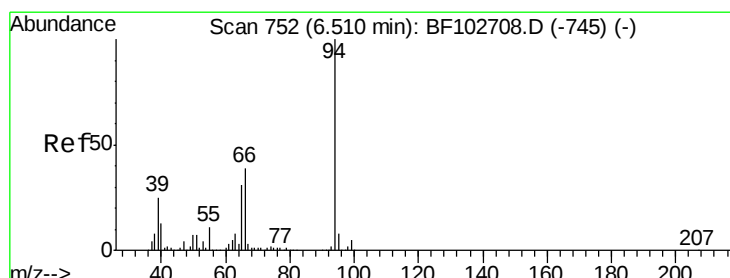
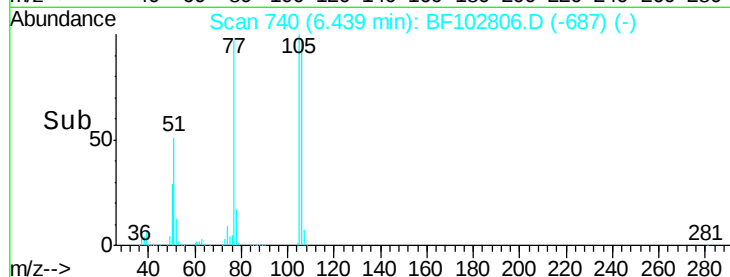
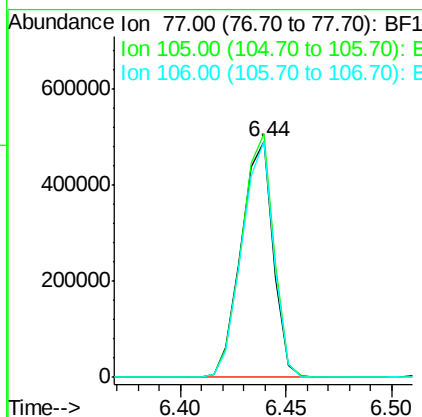
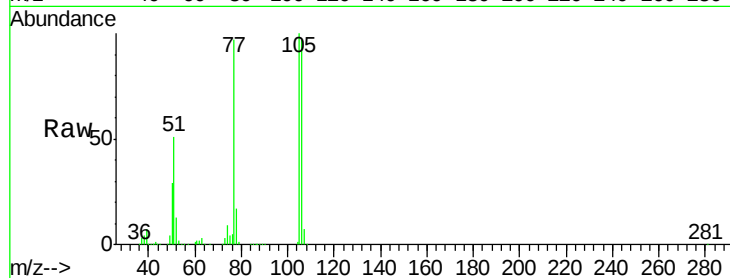
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.3	81.1	121.1
106	100.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.896 ng

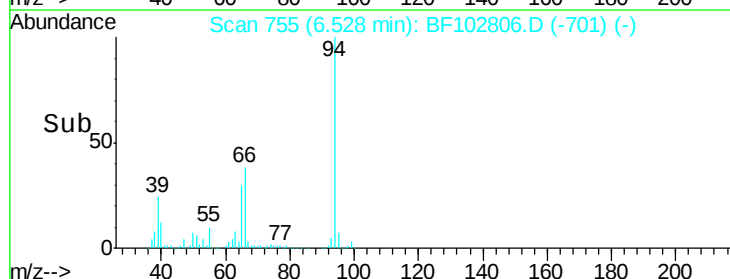
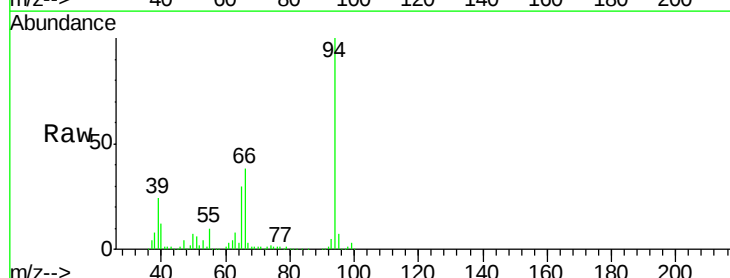
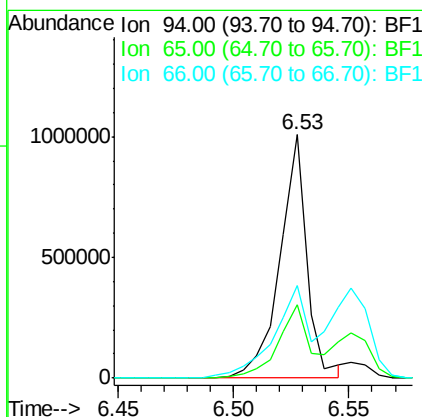
RT: 6.53 min Scan# 755

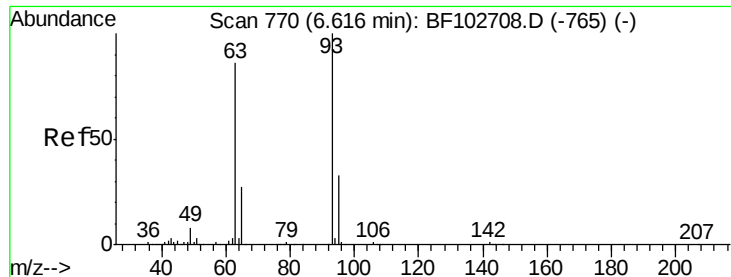
Delta R.T. 0.02 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.9	47.9
66	38.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.341 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

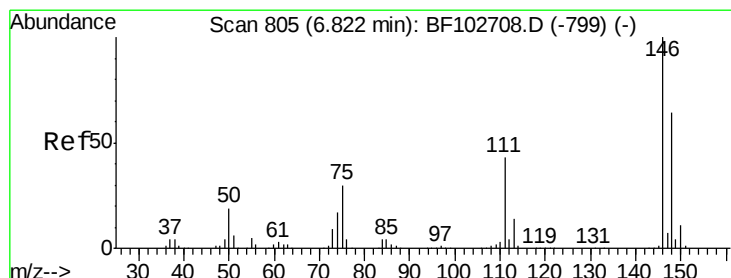
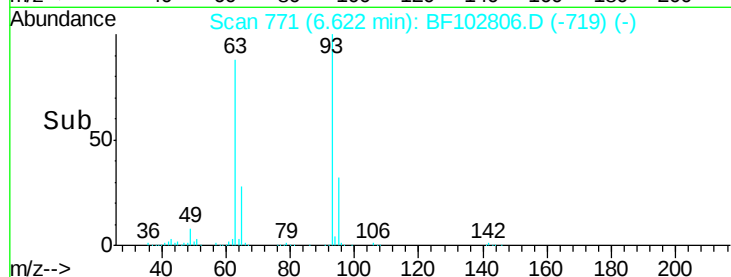
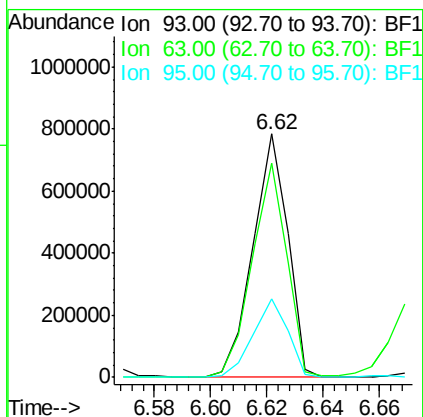
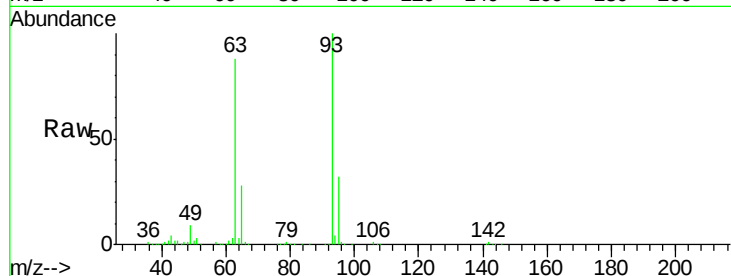
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	670761
Ion	Ratio	Lower	Upper
93	100		
63	88.1	58.6	98.6
95	32.4	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.118 ng

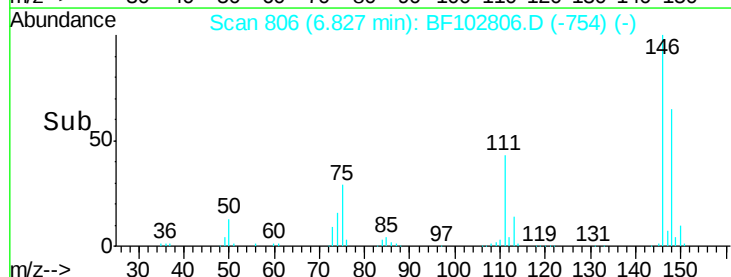
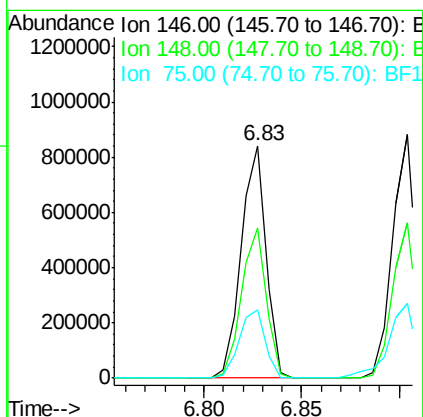
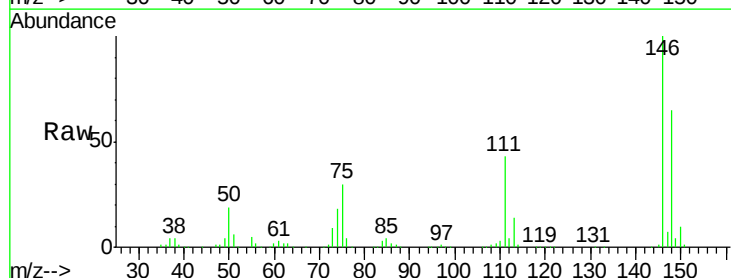
RT: 6.83 min Scan# 806

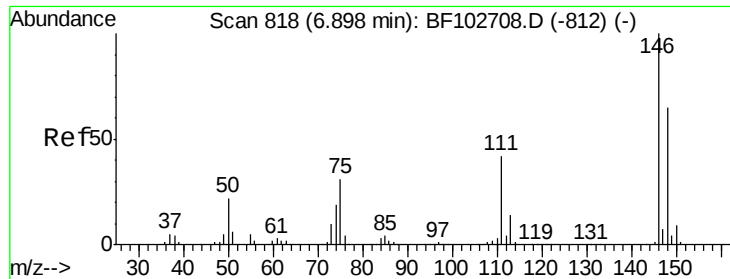
Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:	146	Resp:	740310
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	29.5	24.2	36.4





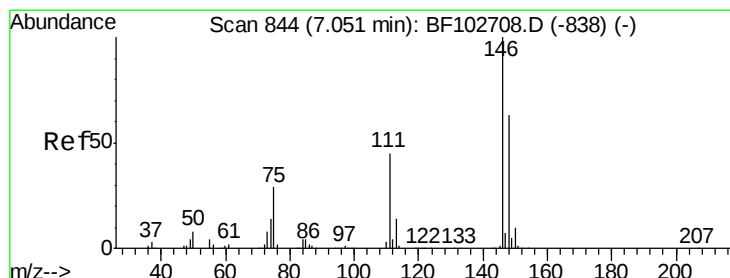
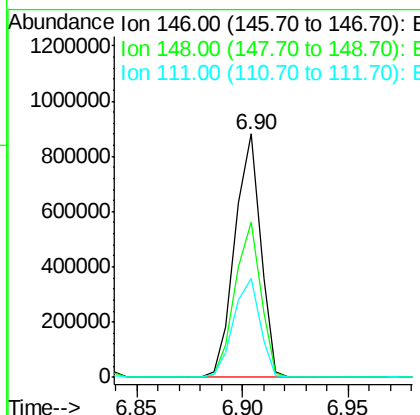
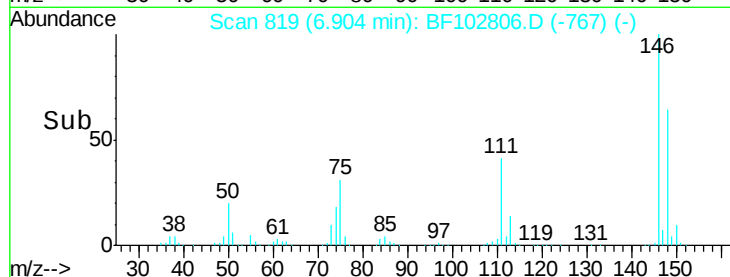
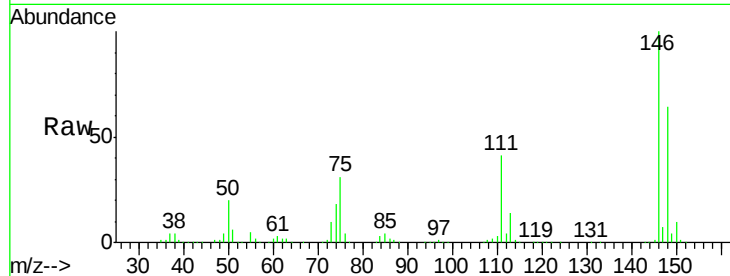
#13
 1,4-Dichlorobenzene
 Concen: 37.210 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	40.8	34.2	51.2

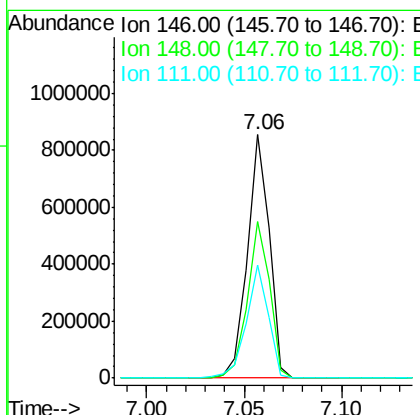
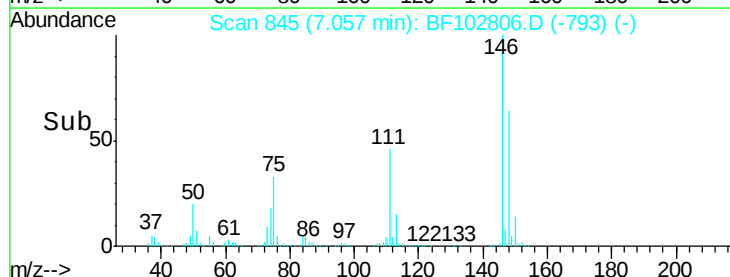
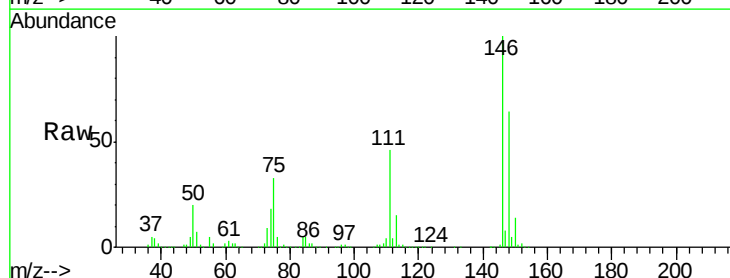
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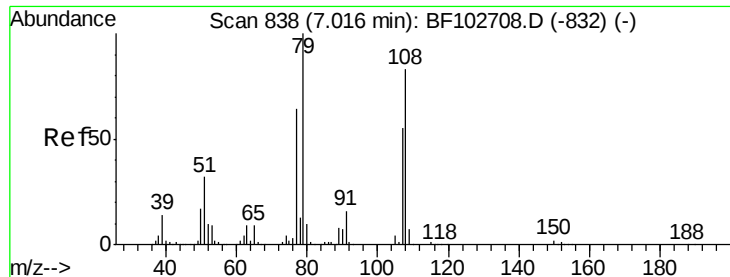
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#14
 1,2-Dichlorobenzene
 Concen: 35.935 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	46.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.402 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

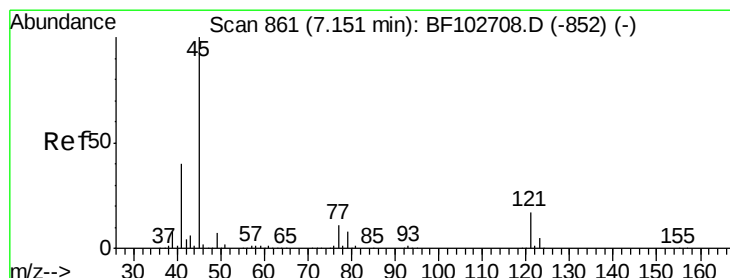
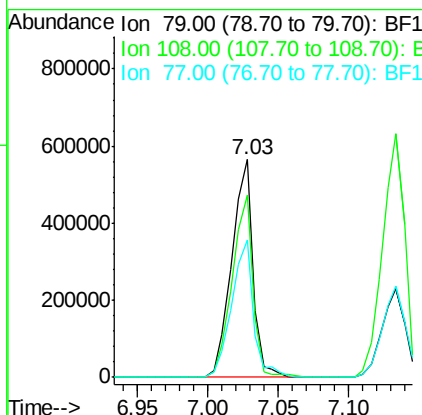
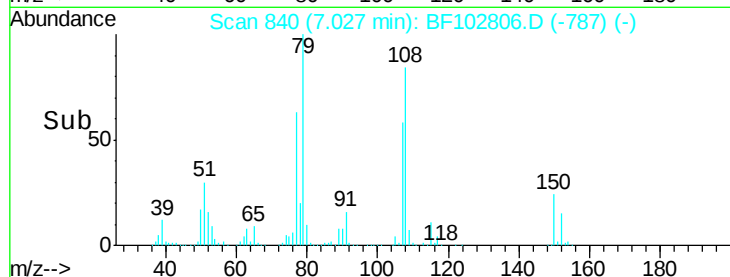
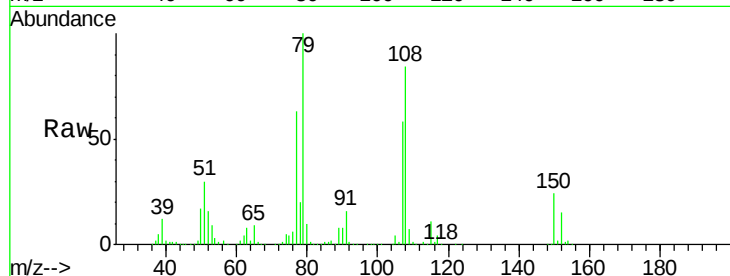
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	594725
Ion Ratio	Lower	Upper	
79	100		
108	83.9	65.1	97.7
77	63.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.851 ng

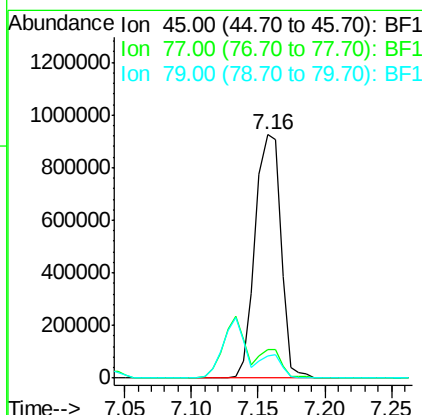
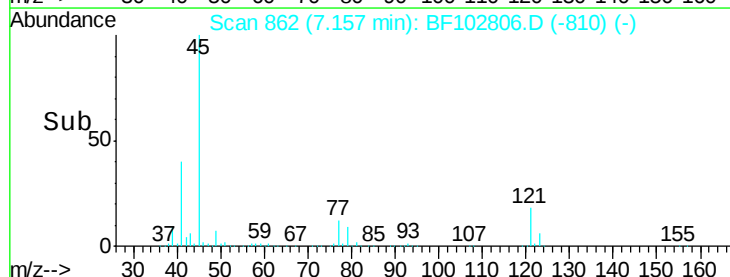
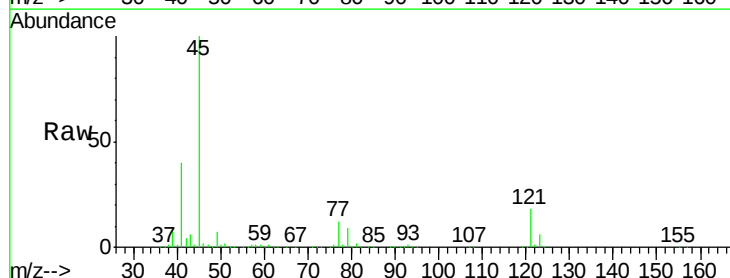
RT: 7.16 min Scan# 862

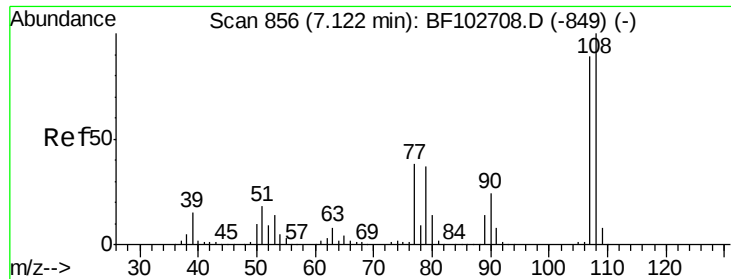
Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:	45	Resp:	1223334
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	32.9
79	9.1	0.0	29.6





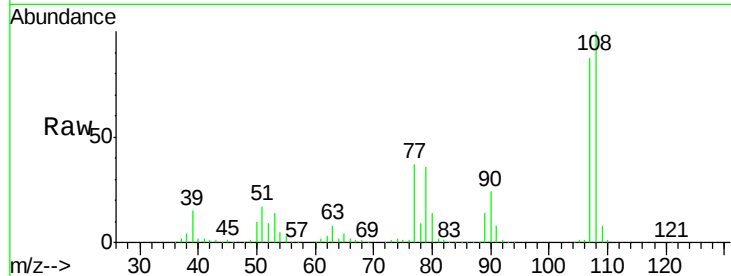
#17
2-Methylphenol
Concen: 37.853 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

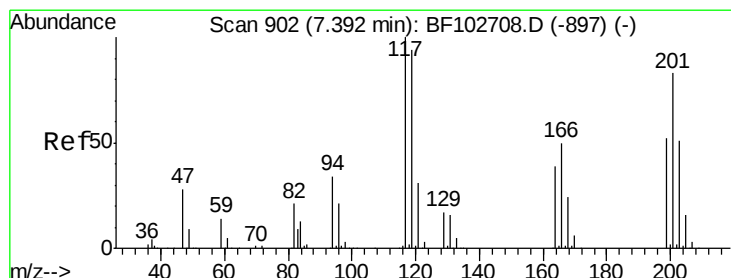
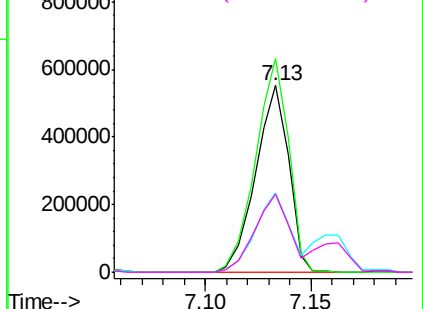
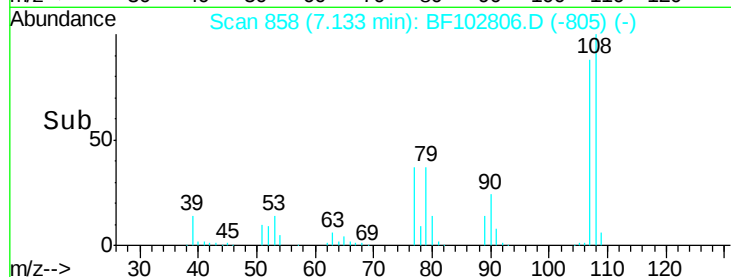
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	91.7	137.5	
77	42.9	33.8	50.8	
79	41.8	33.8	50.8	

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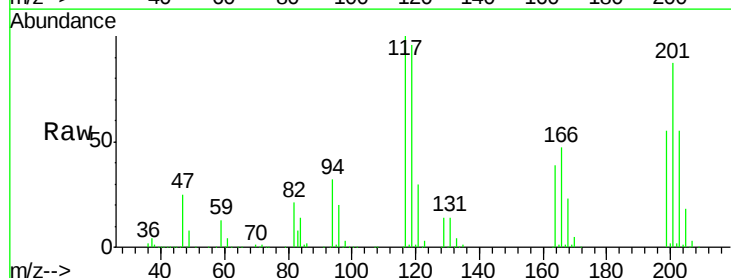


Abundance Ion 107.00 (106.70 to 107.70): E
1000000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

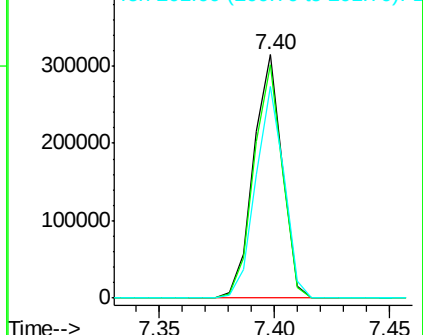
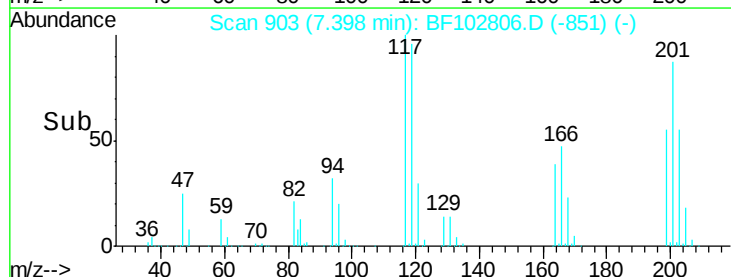


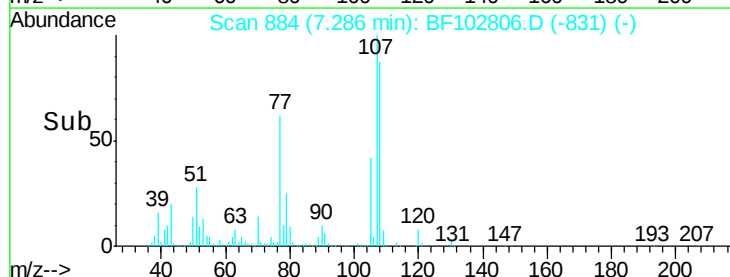
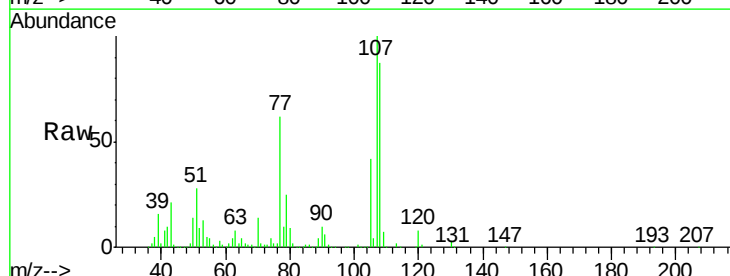
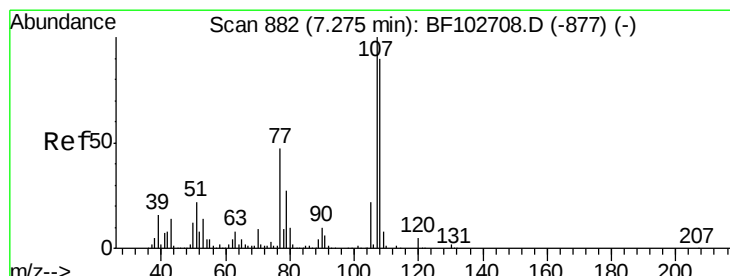
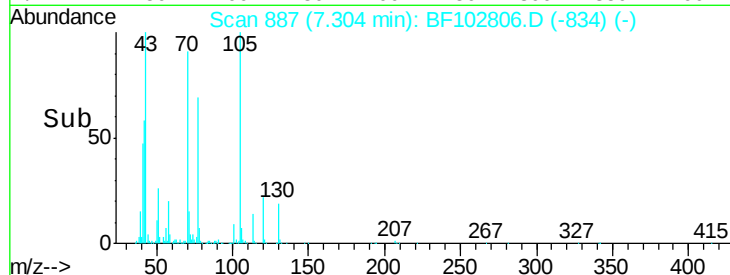
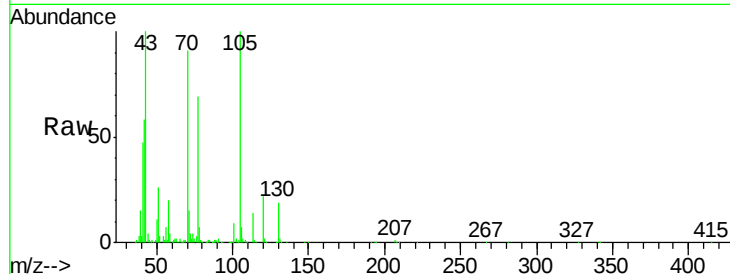
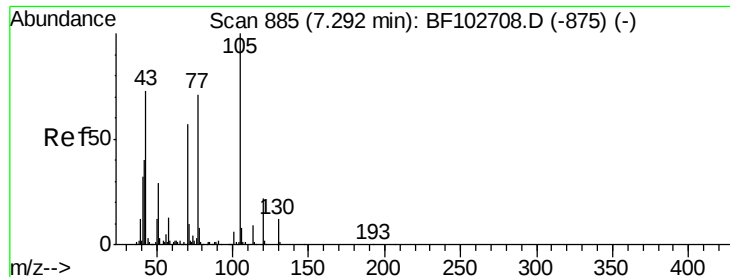
#18
Hexachloroethane
Concen: 39.902 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.8	113.8	
201	86.9	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
400000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





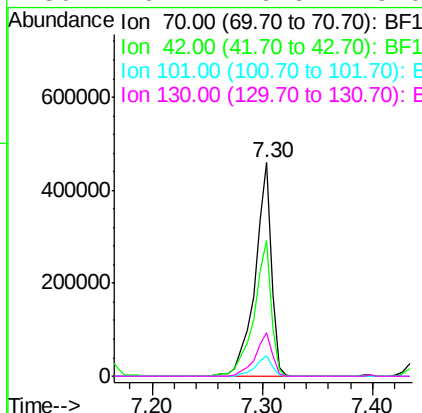
#19
n-Nitroso-di-n-propylamine
Concen: 36.110 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.5	71.3
101	9.8	7.4	11.2
130	20.4	16.6	25.0

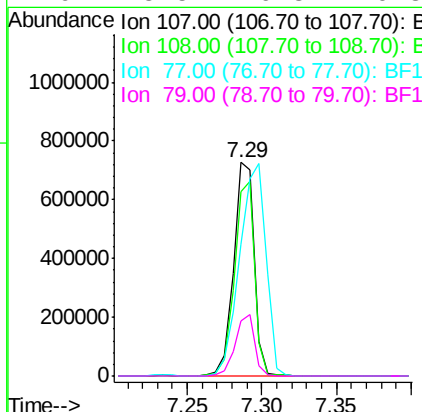
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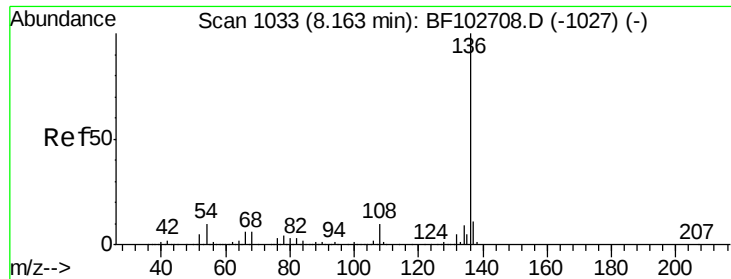
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#20
3+4-Methylphenols
Concen: 36.034 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	61.6	26.7	66.7
79	25.5	6.3	46.3





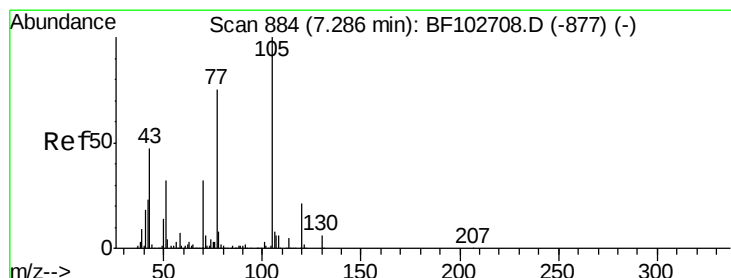
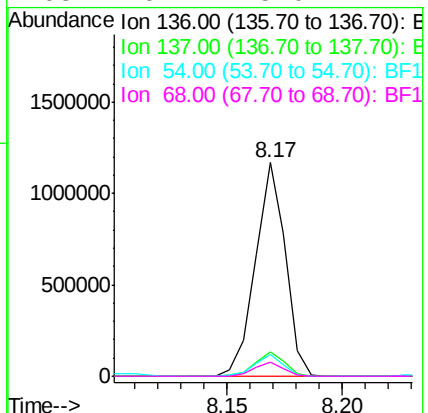
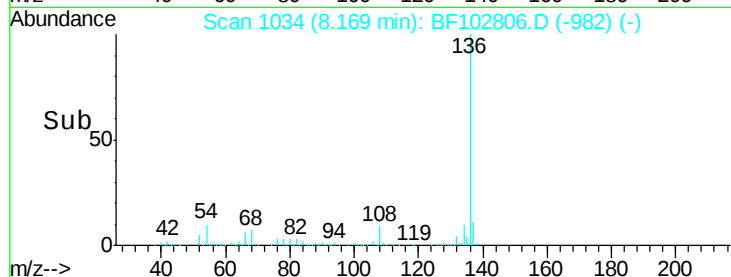
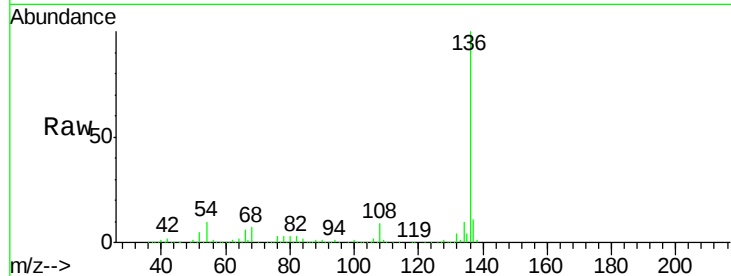
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4		8.9	13.3	
54	10.3		6.6	9.8	
68	6.7		5.0	7.4	

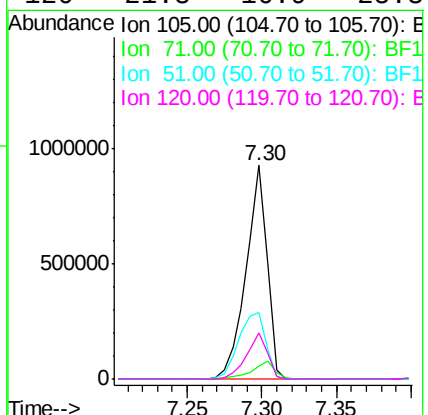
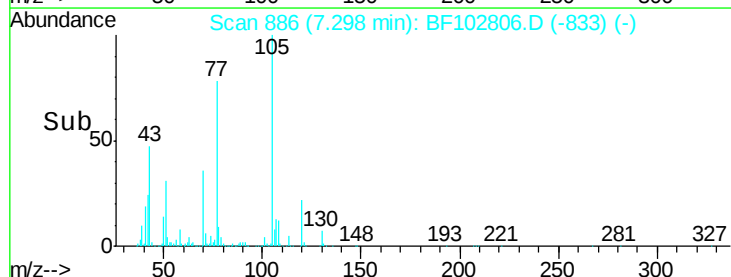
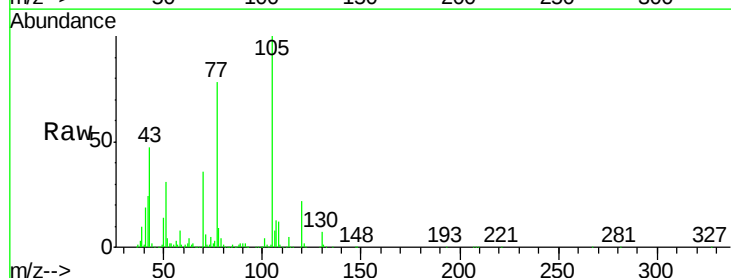
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#22
Acetophenone
Concen: 35.058 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	6.3		4.4	6.6	
51	31.4		22.3	33.5	
120	21.8		16.9	25.3	





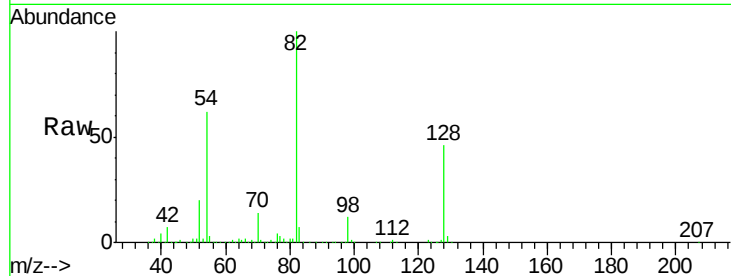
#23
Nitrobenzene-d5
Concen: 88.350 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

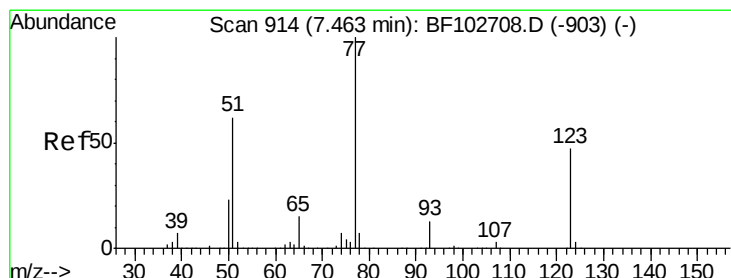
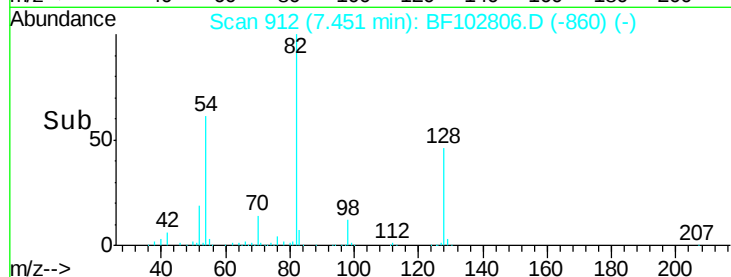
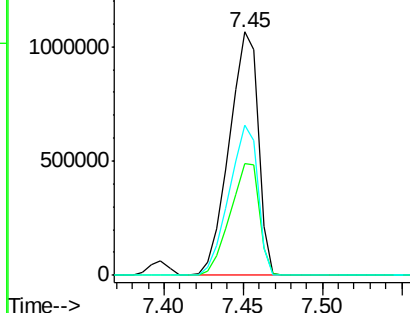
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	61.6	41.4	62.2

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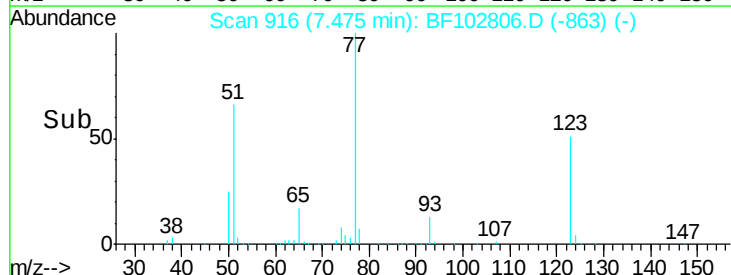
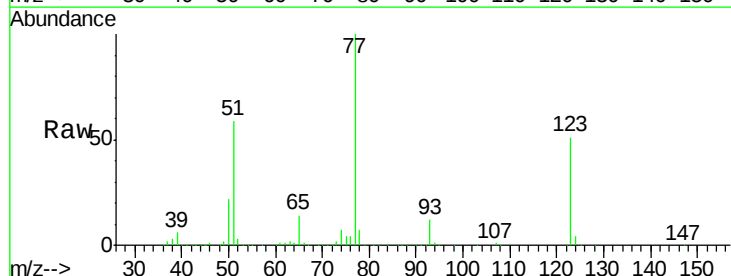
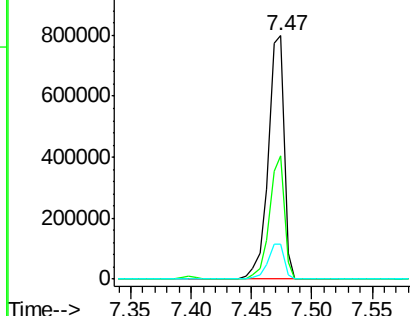
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

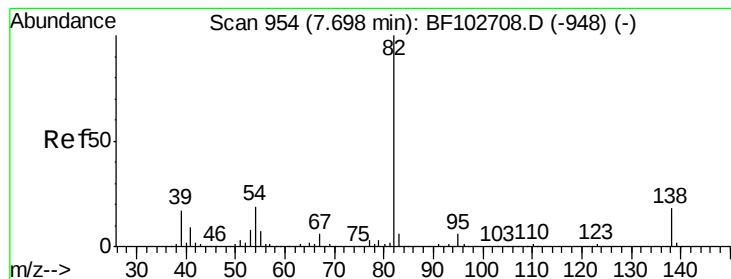


#24
Nitrobenzene
Concen: 41.246 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	37.9	56.9
65	14.4	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: 37.626 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

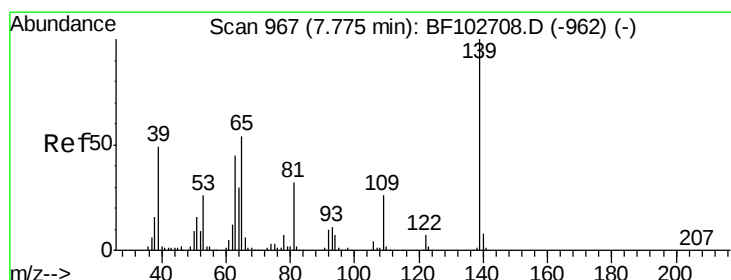
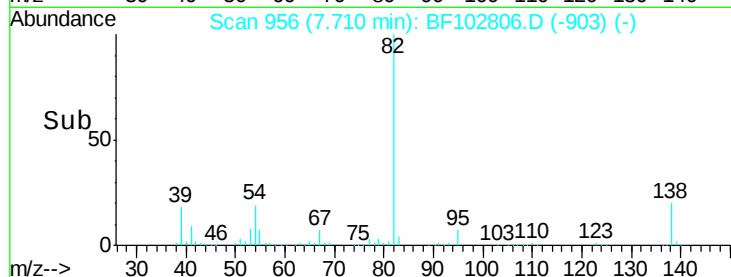
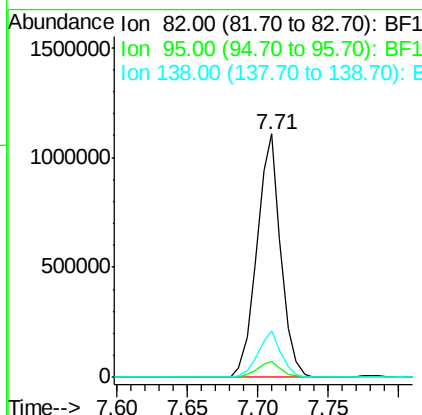
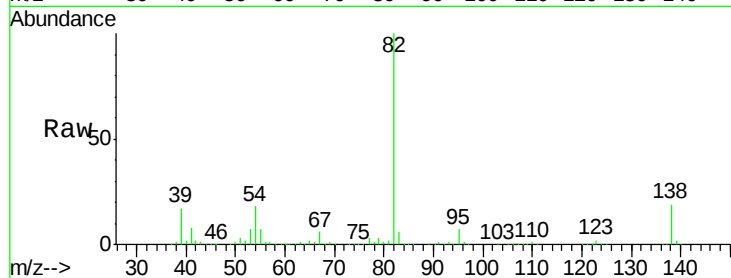
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1322110
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	19.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 51.001 ng

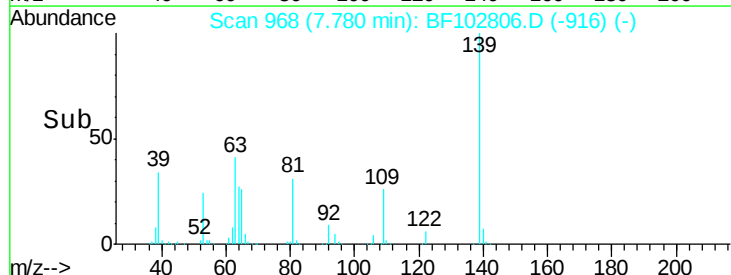
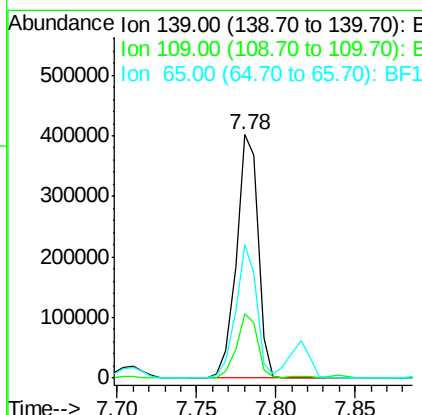
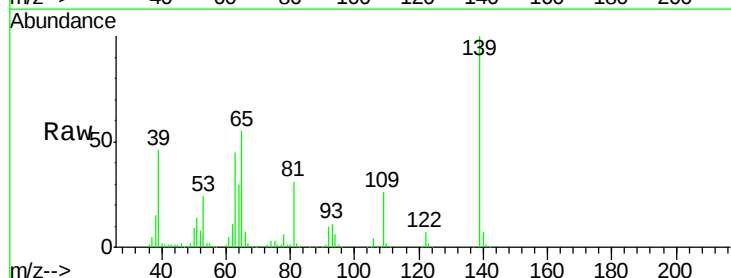
RT: 7.78 min Scan# 968

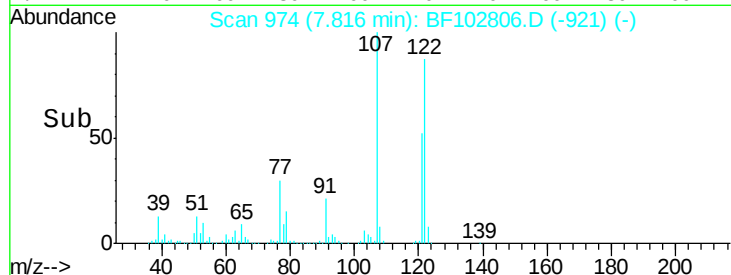
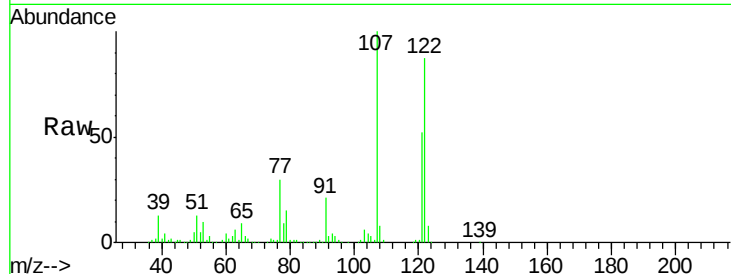
Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:	139	Resp:	380978
Ion	Ratio	Lower	Upper
139	100		
109	26.3	22.7	34.1
65	54.7	40.5	60.7





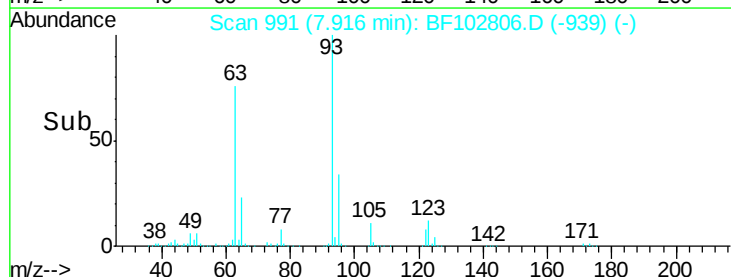
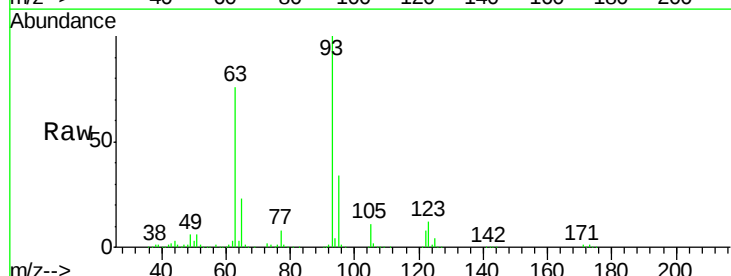
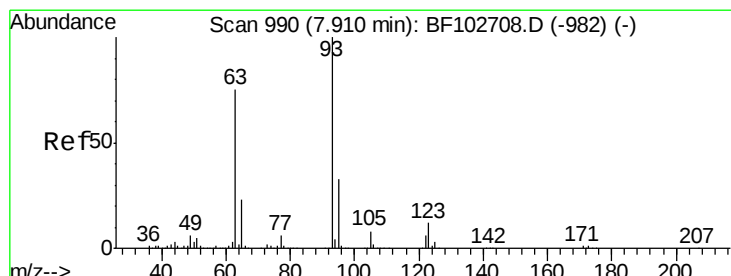
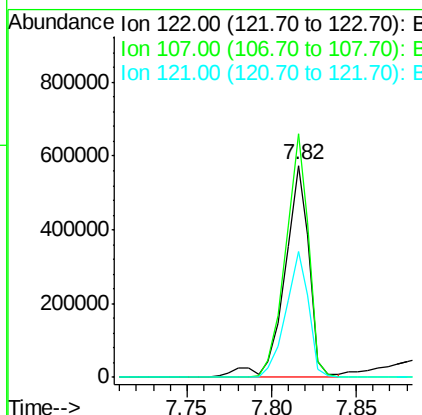
#27
2,4-Dimethylphenol
Concen: 38.988 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	91.2	136.8
121	59.4	47.2	70.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

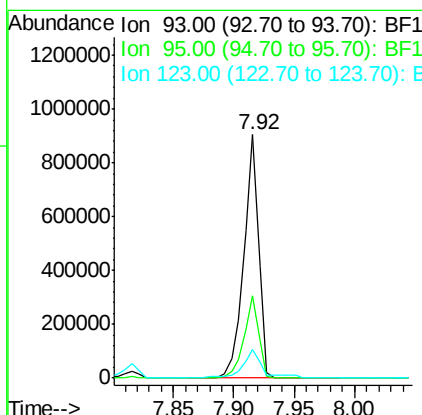
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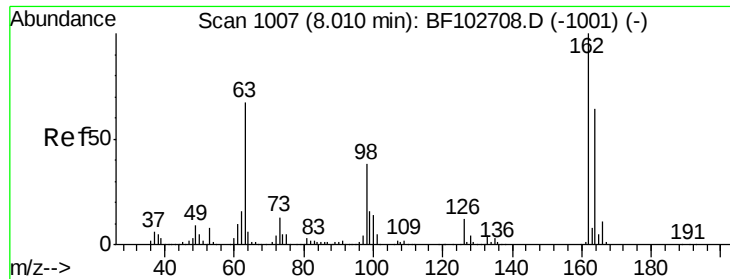
Sohil
2/8/2018 1:40:56 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.329 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.3	39.5
123	12.0	9.8	14.6





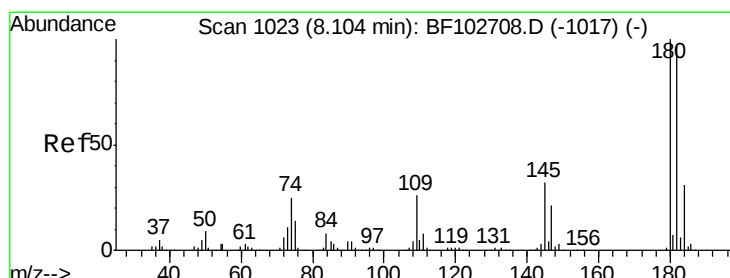
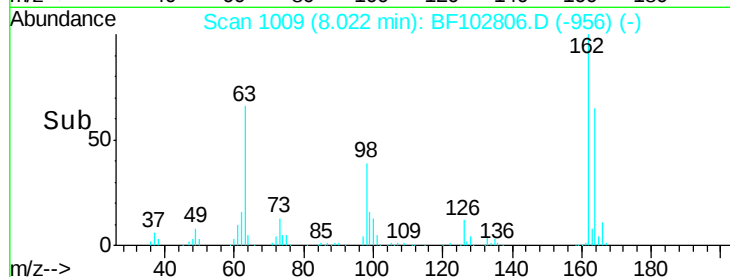
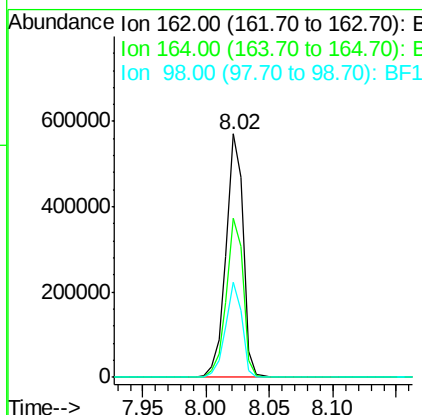
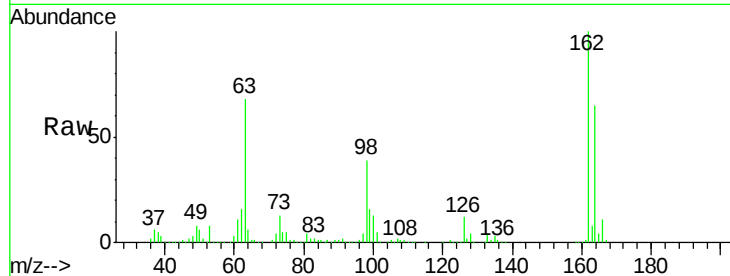
#29
 2,4-Dichlorophenol
 Concen: 39.864 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	537981
Ion Ratio	Lower	Upper	
162	100		
164	65.2	42.7	82.7
98	39.2	18.1	58.1

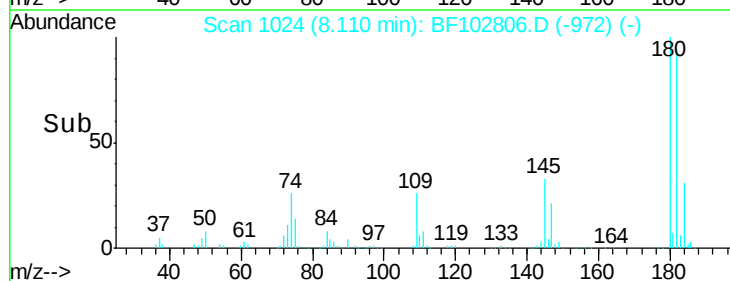
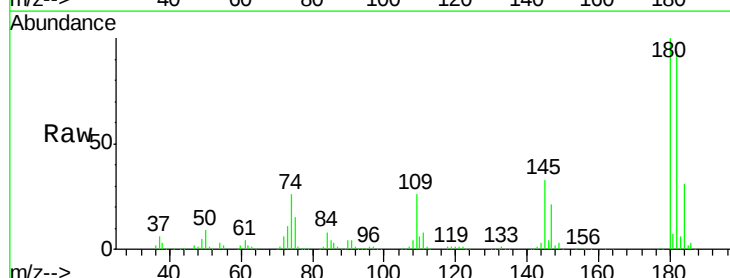
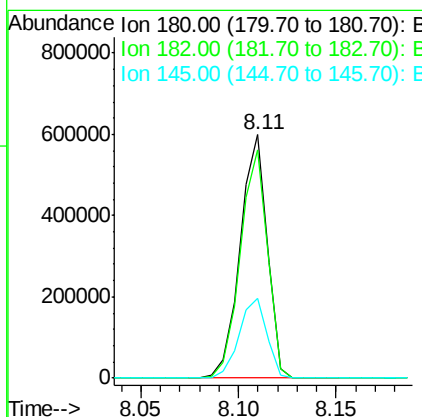
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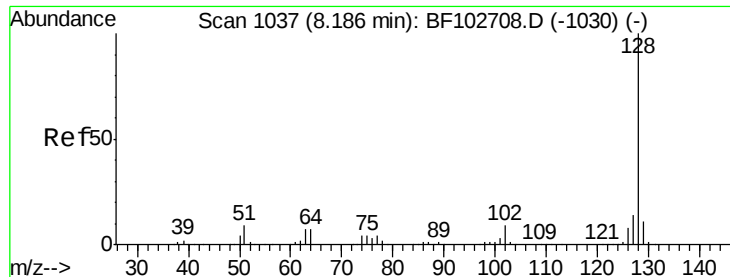
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.624 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:	180	Resp:	574405
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.8	115.2
145	32.7	26.5	39.7





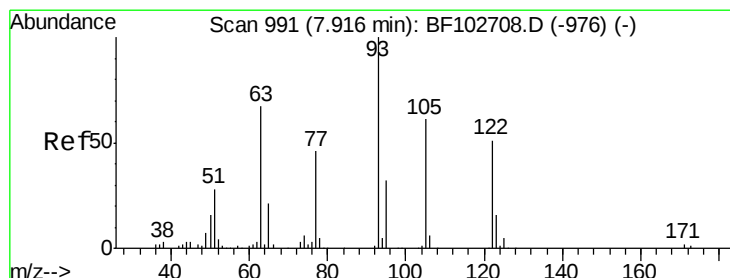
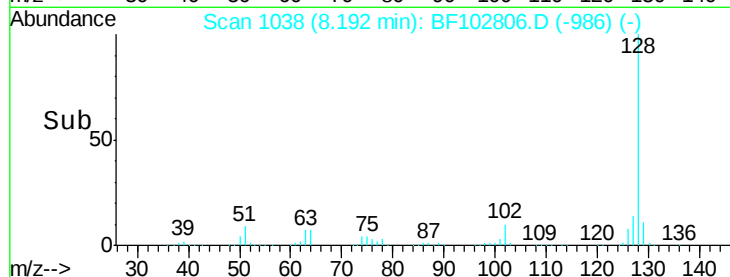
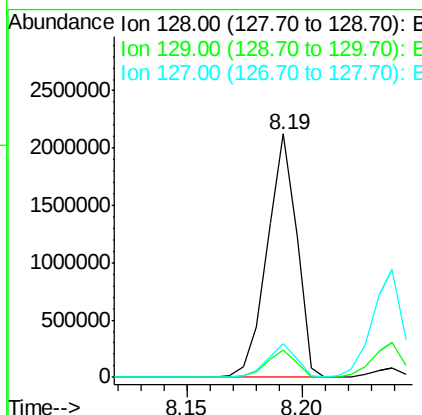
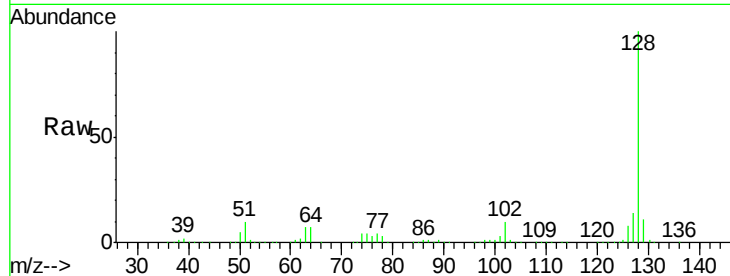
#31
Naphthalene
Concen: 36.458 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1885644
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3

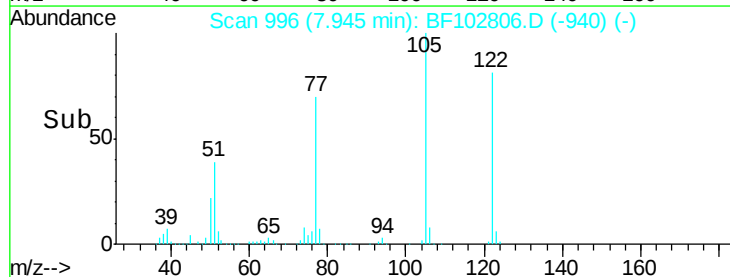
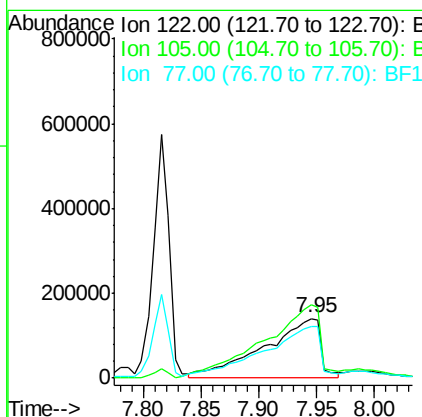
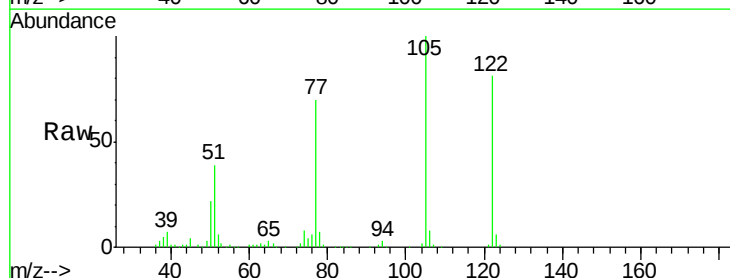
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2/8/2018 1:40:56 PM



#32
Benzoic acid
Concen: 46.307 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:122 Resp: 478622
Ion Ratio Lower Upper
122 100
105 123.4 101.1 141.1
77 86.6 70.7 110.7





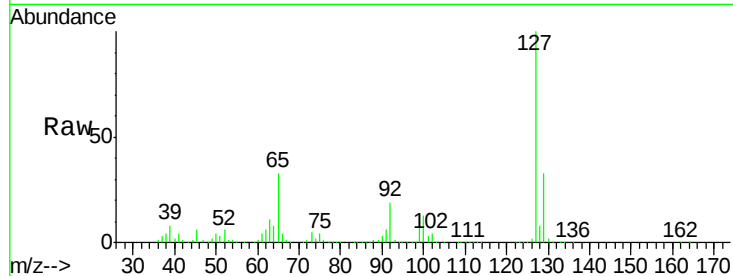
#33
4-Chloroaniline
Concen: 38.329 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.9	38.9		
65	32.6	25.0	37.4		
92	18.9	15.2	22.8		

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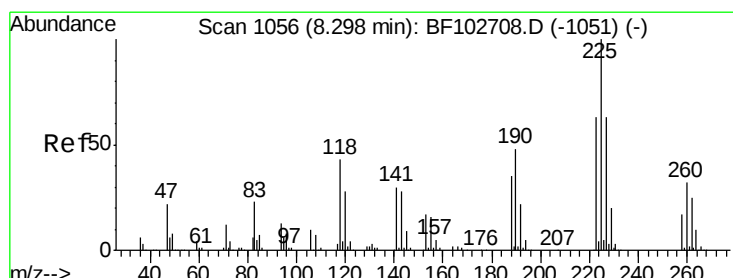
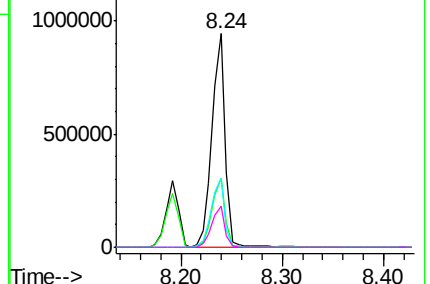
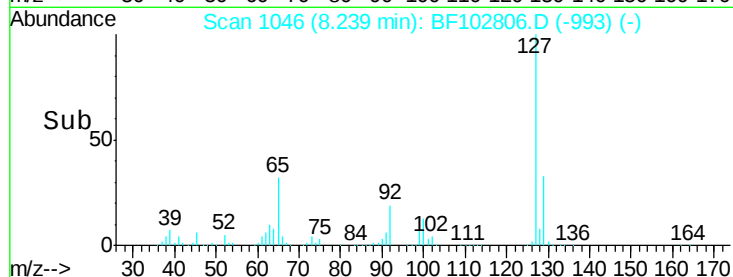
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

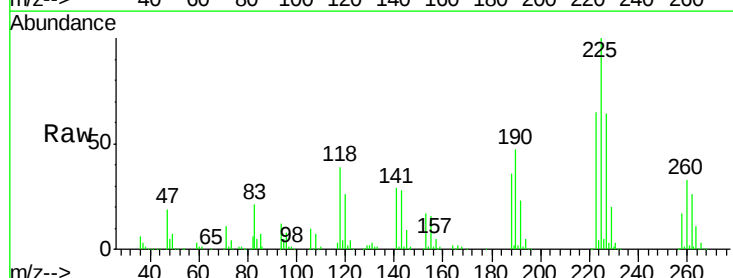
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.801 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.2	50.6	76.0		
227	63.6	51.9	77.9		

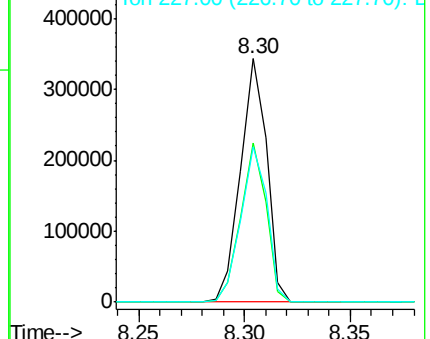
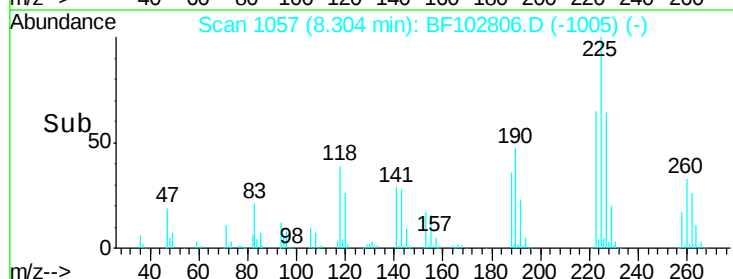


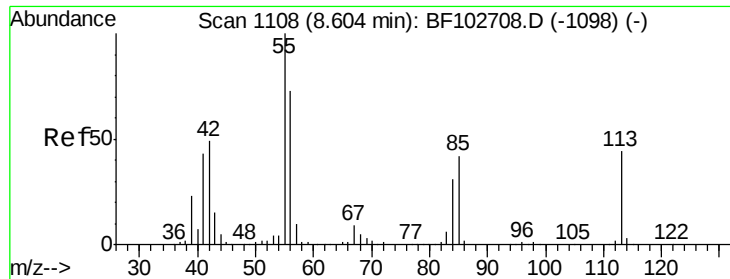
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.166 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.02 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

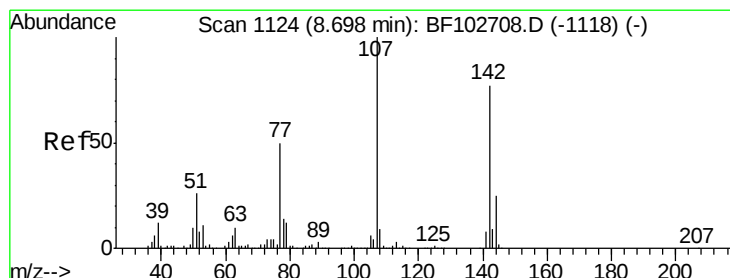
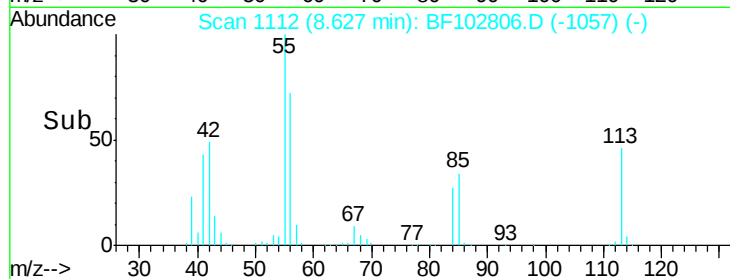
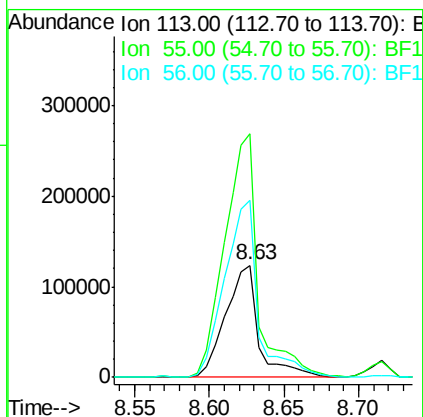
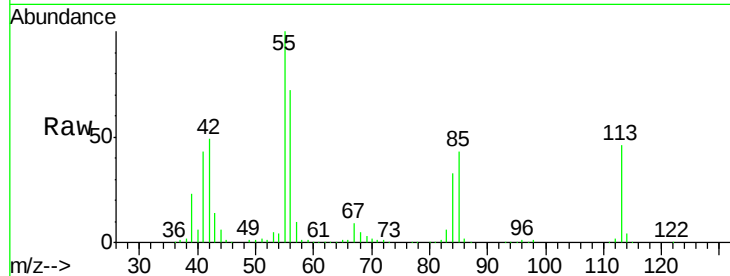
ClientSampled :

SSTDCCC040

Tot Ion:	113	Resp:	192934
Ion Ratio	Lower	Upper	
113	100		
55	217.1	163.3	203.3#
56	157.4	115.7	155.7#

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2/8/2018 1:40:56 PM



#36

4-Chloro-3-methylphenol

Concen: 39.081 ng

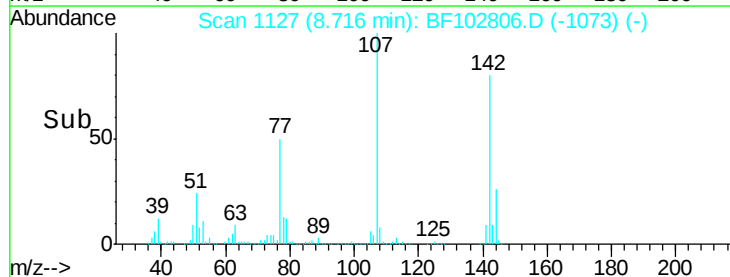
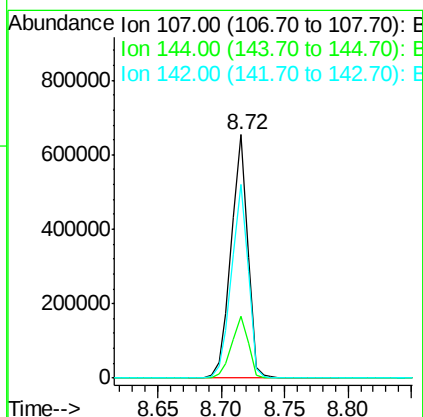
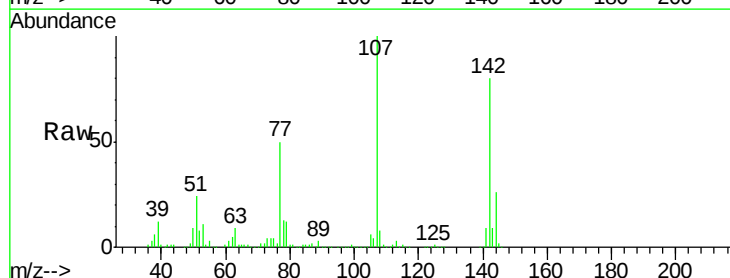
RT: 8.72 min Scan# 1127

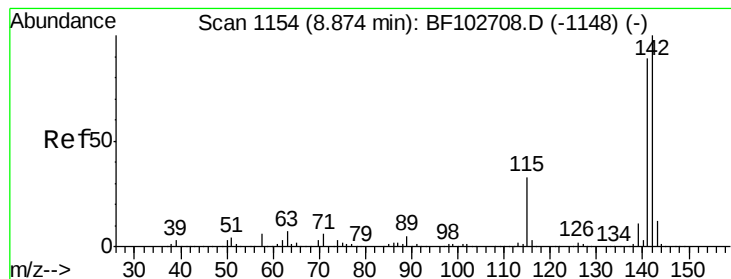
Delta R.T. 0.02 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:	107	Resp:	592579
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.5	30.7
142	79.6	62.0	93.0





#37

2-Methylnaphthalene

Concen: 36.750 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1244423

Ion Ratio Lower Upper

142 100

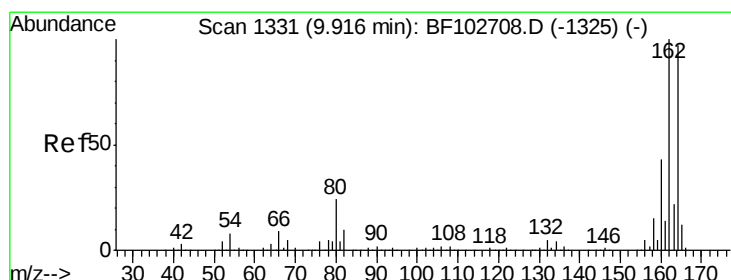
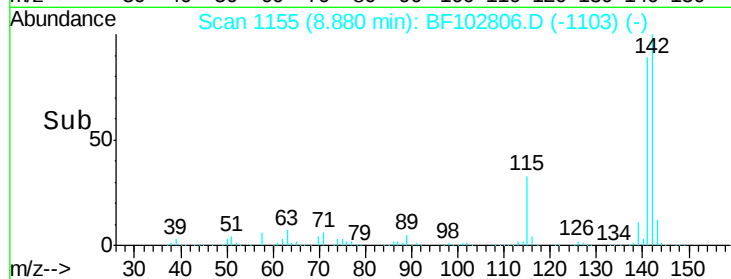
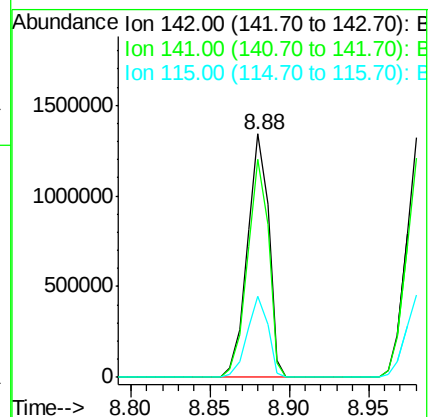
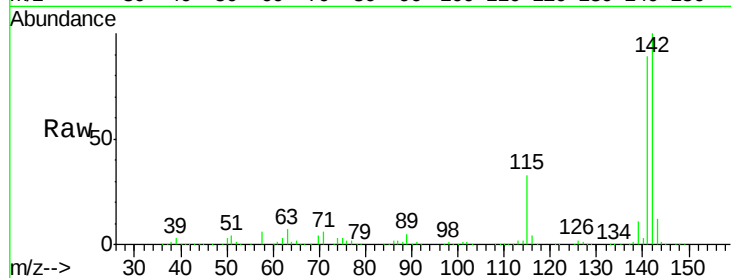
141 89.3 70.8 106.2

115 33.2 26.1 39.1

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2/8/2018 1:40:56 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

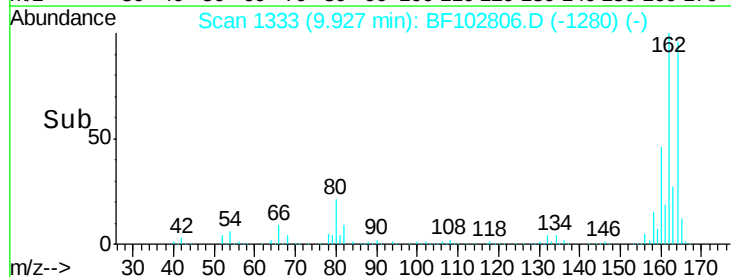
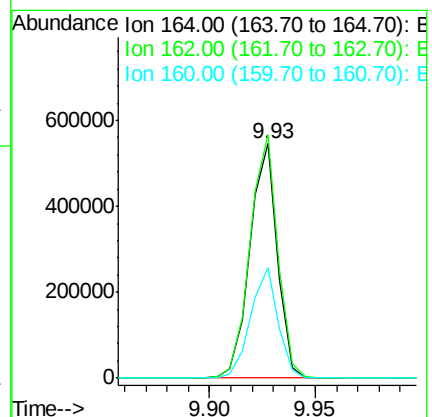
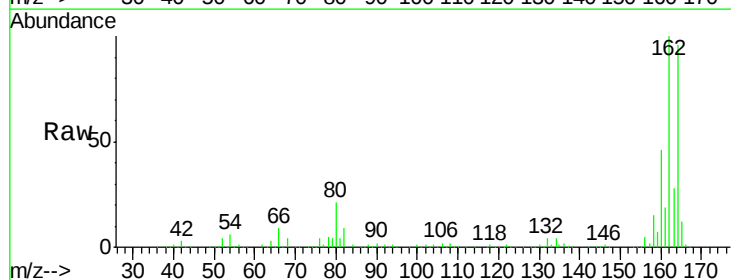
Tgt Ion:164 Resp: 489164

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

160 47.4 38.3 57.5





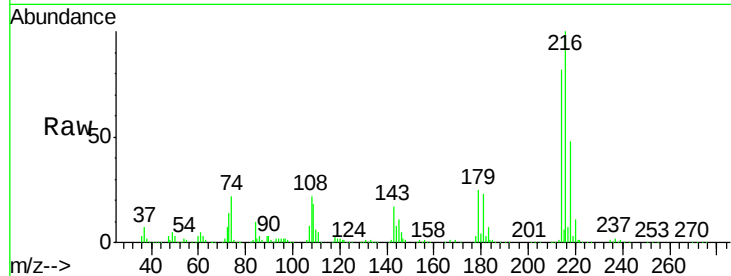
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.766 ng
 RT: 9.04 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

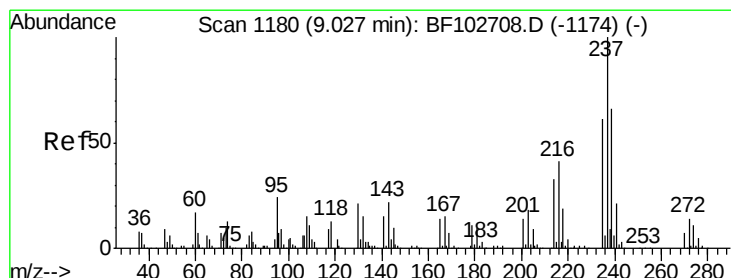
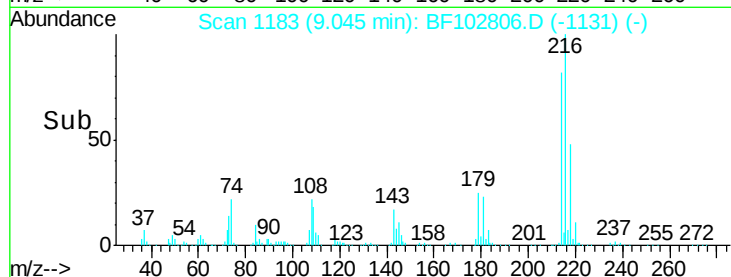
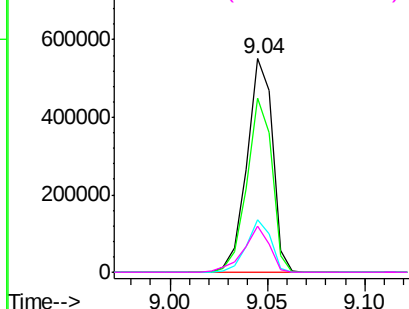
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		503004		
214	79.5	63.0	94.4		
179	23.1	18.1	27.1		
108	21.9	17.2	25.8		

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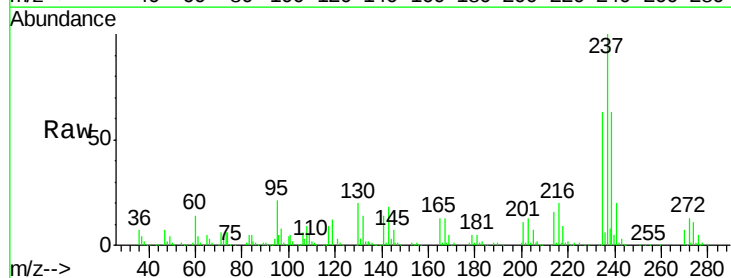


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

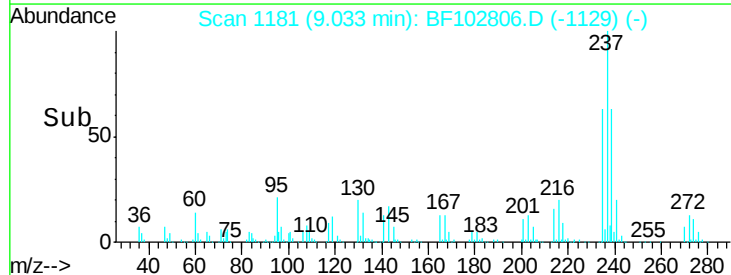
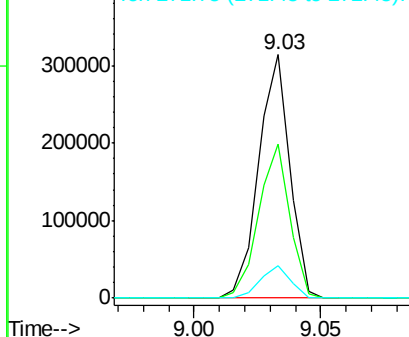


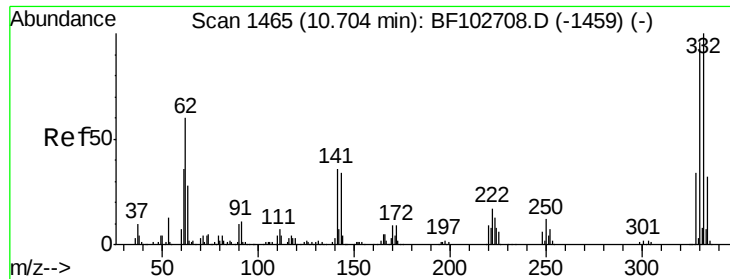
#40
 Hexachlorocyclopentadiene
 Concen: 42.347 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		268122		
235	63.1	44.8	84.8		
272	13.2	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





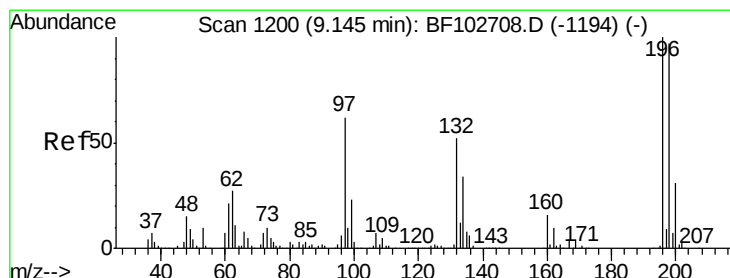
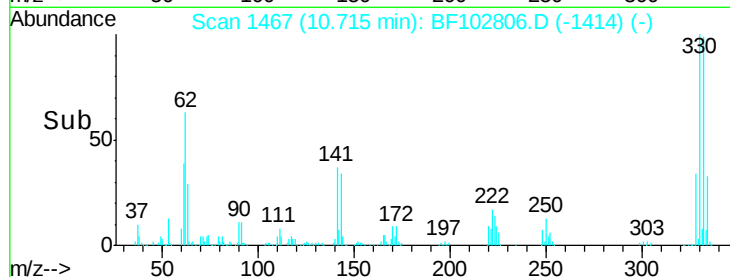
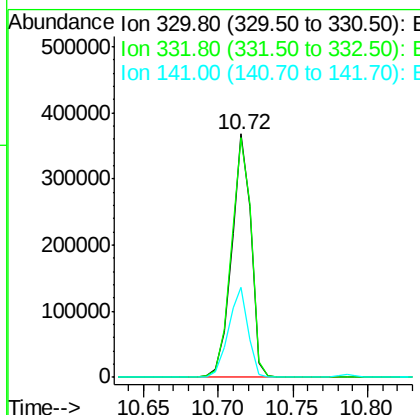
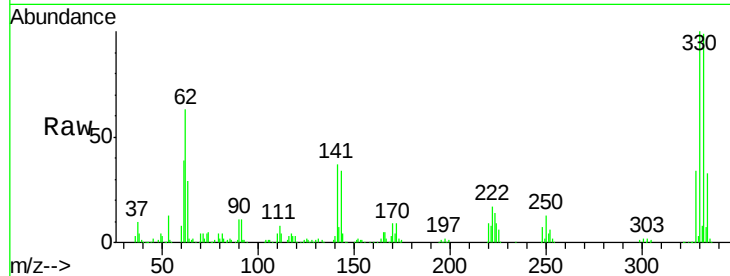
#41
 2,4,6-Tribromophenol
 Concen: 85.915 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.2	77.0	115.6	
141	37.6	29.9	44.9	

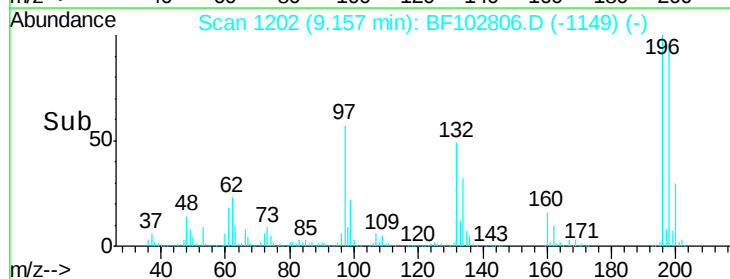
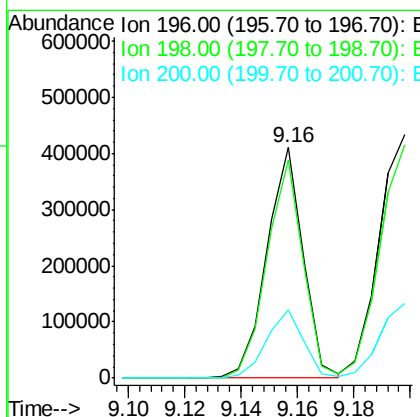
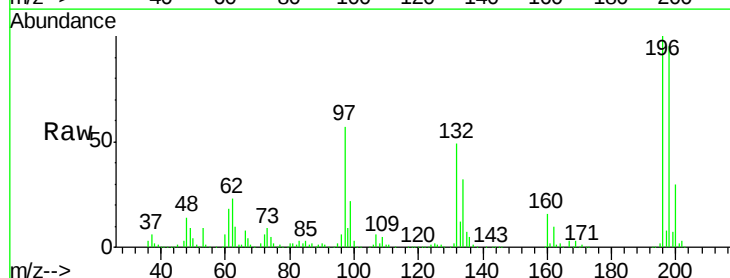
Manual Integrations
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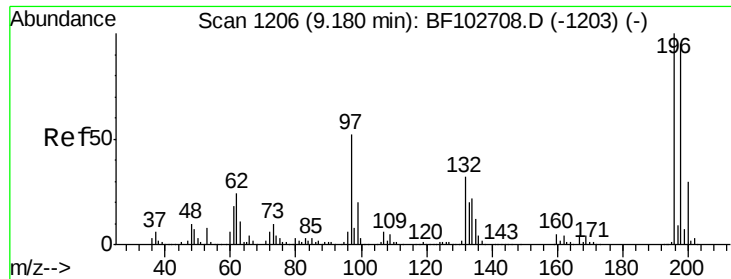
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#42
 2,4,6-Trichlorophenol
 Concen: 41.710 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.6	75.7	113.5	
200	29.8	24.5	36.7	





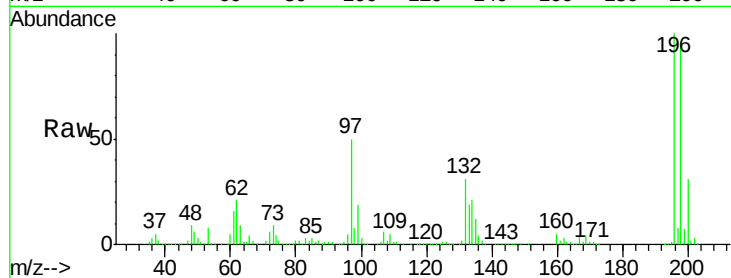
#43
 2,4,5-Trichlorophenol
 Concen: 41.490 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.02 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

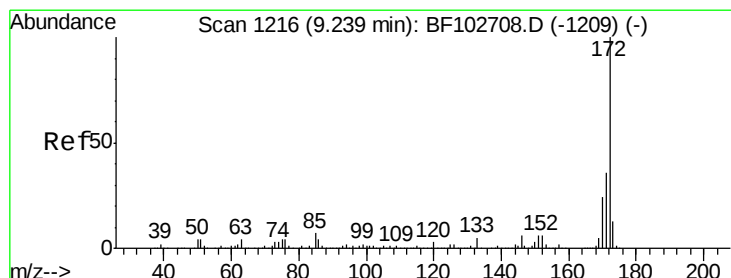
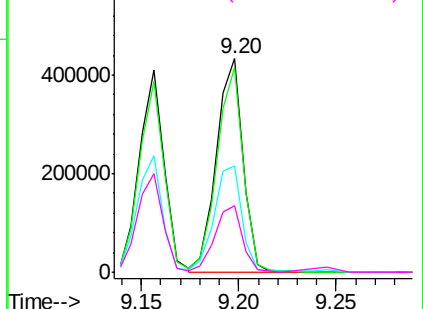
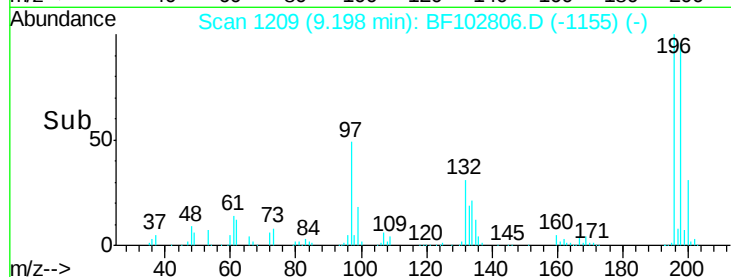
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		409095		
198	95.8		74.6	112.0	
97	49.8		42.9	64.3	
132	31.0		26.3	39.5	

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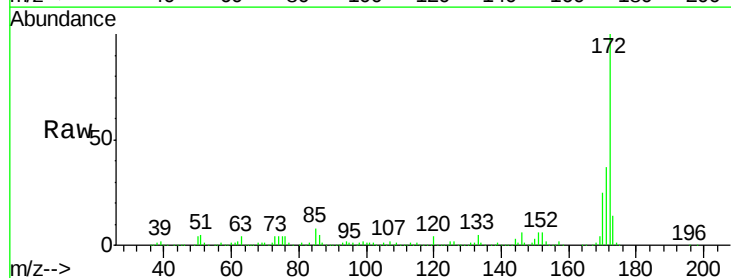


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

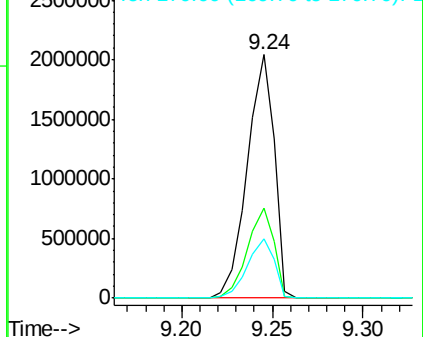
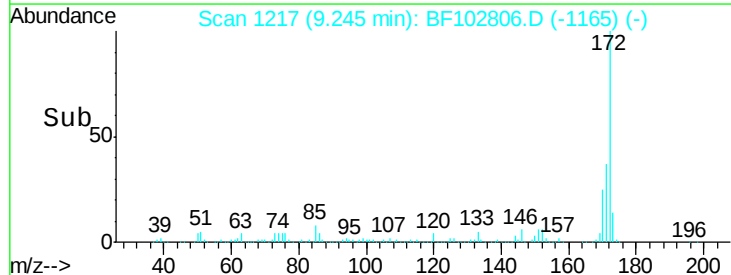


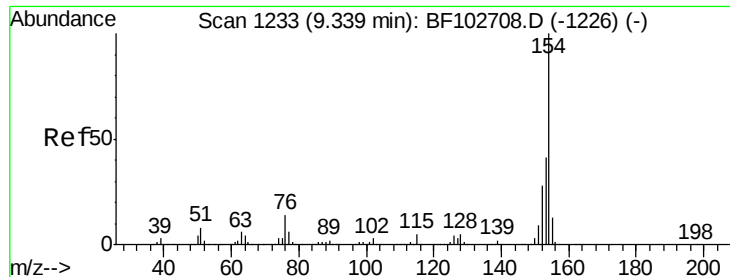
#44
 2-Fluorobiphenyl
 Concen: 71.660 ng
 RT: 9.24 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2112481		
171	37.0		29.7	44.5	
170	24.5		19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





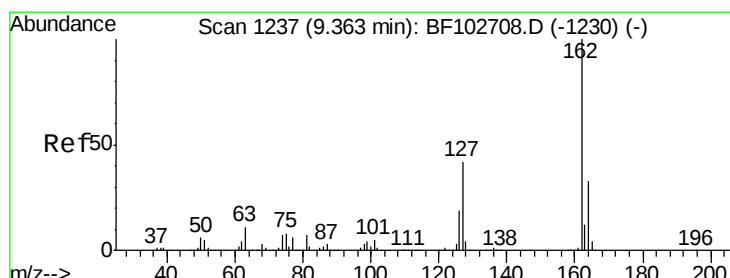
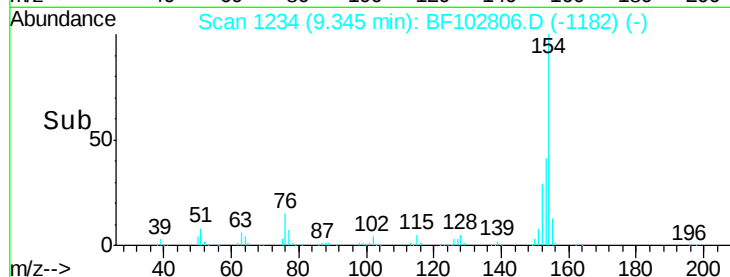
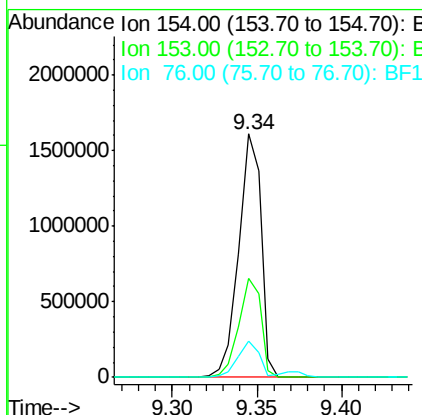
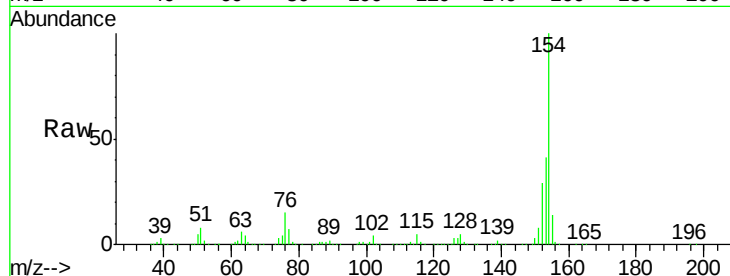
#45
1,1'-Biphenyl
Concen: 35.994 ng
RT: 9.34 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	14.7	0.0	34.0

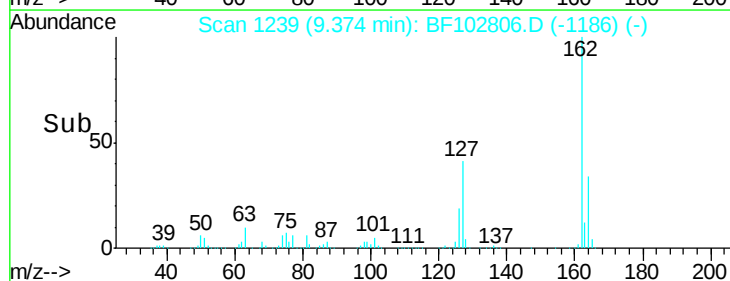
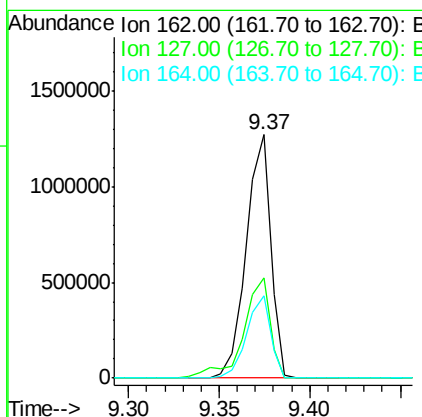
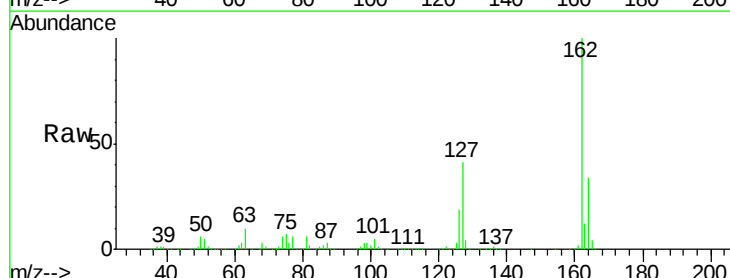
Manual Integrations
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#46
2-Chloronaphthalene
Concen: 36.923 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.9	50.9
164	34.0	26.5	39.7





#47

2-Nitroaniline

Concen: 45.100 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

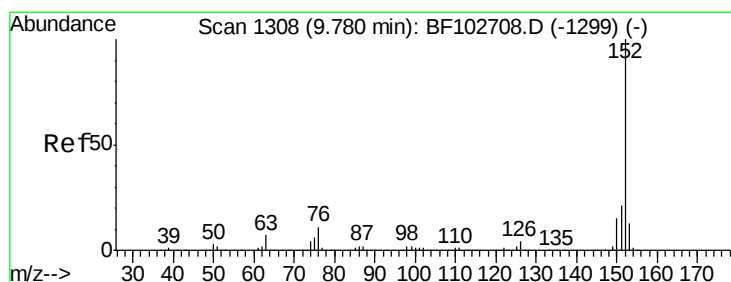
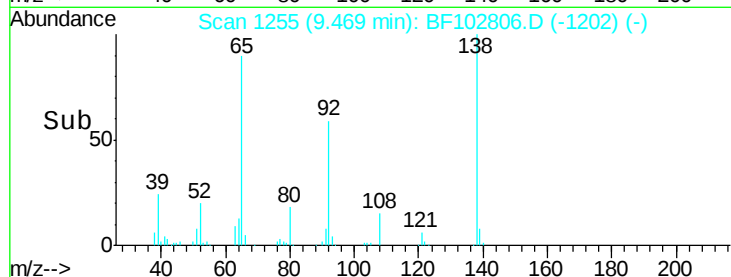
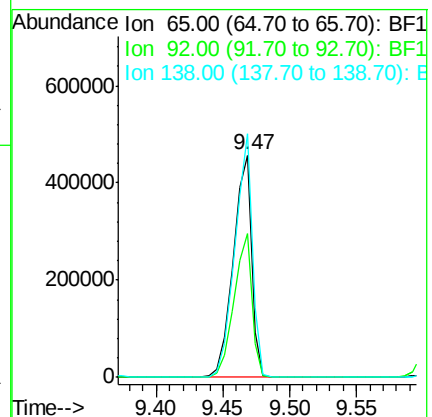
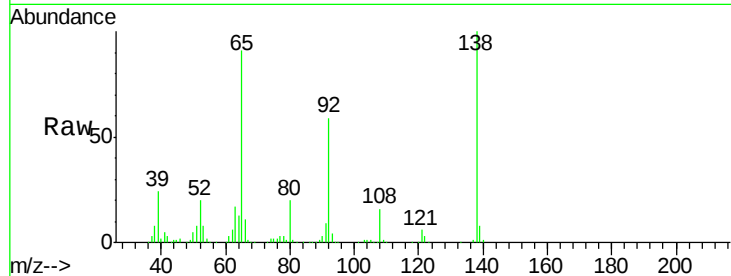
SSTDCCC040

Tot Ion: 65 Resp: 449147
Ion Ratio Lower Upper

65	100		
92	64.6	55.8	83.6
138	109.7	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 36.274 ng

RT: 9.79 min Scan# 1310

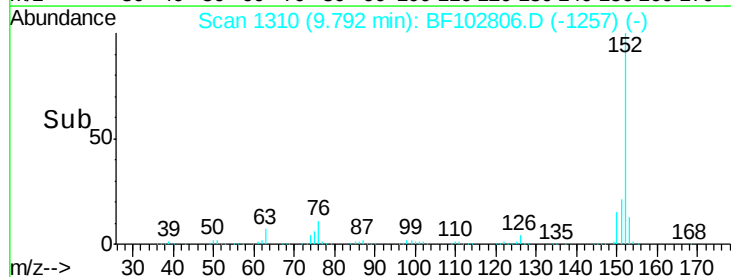
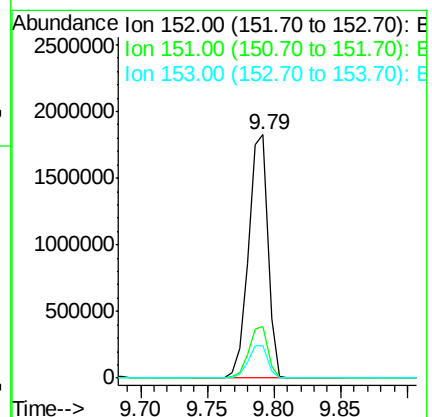
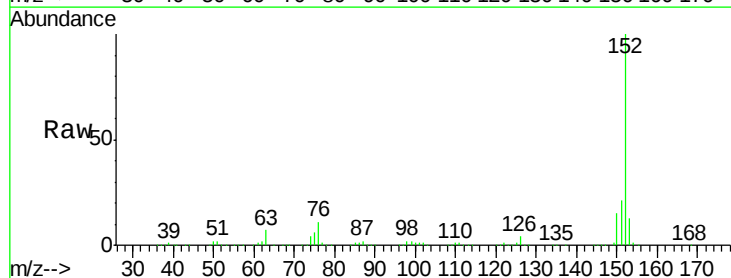
Delta R.T. 0.01 min

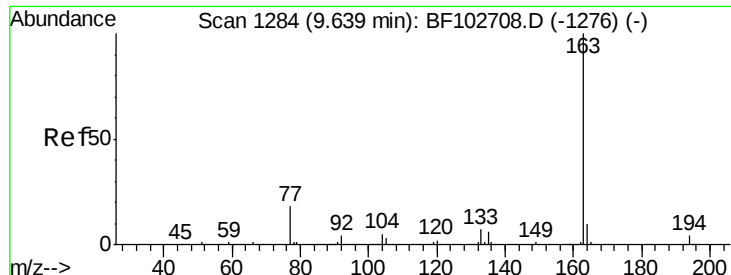
Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion: 152 Resp: 1827433
Ion Ratio Lower Upper

152	100		
151	21.0	16.3	24.5
153	13.1	10.7	16.1





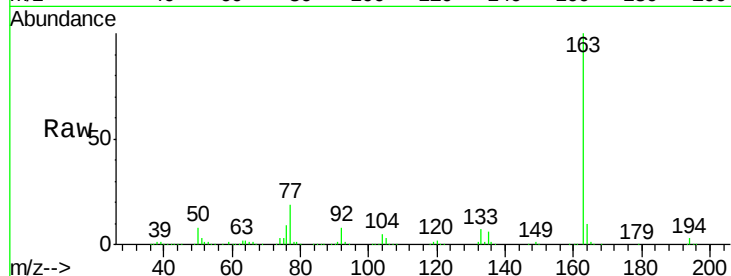
#49
Dimethylphthalate
Concen: 37.671 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

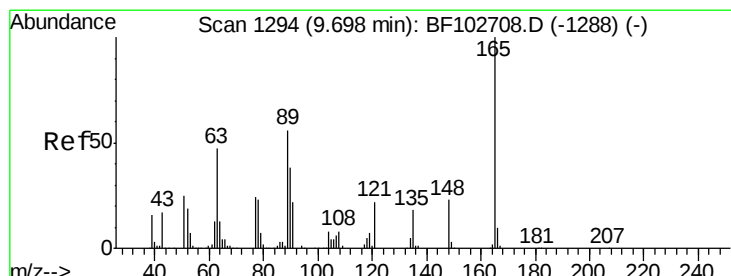
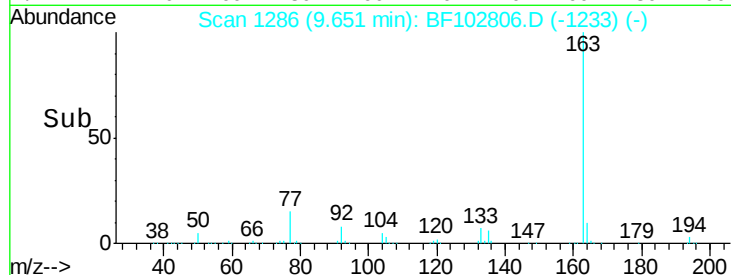
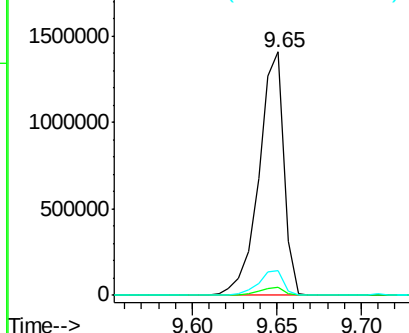
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

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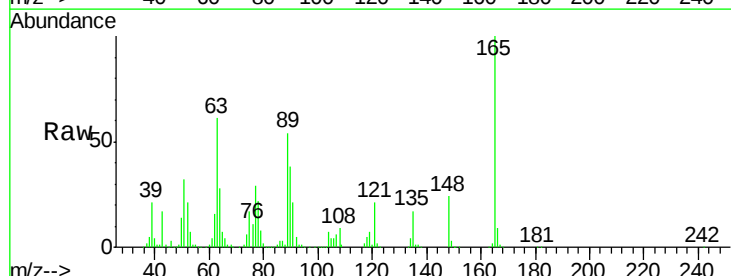


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

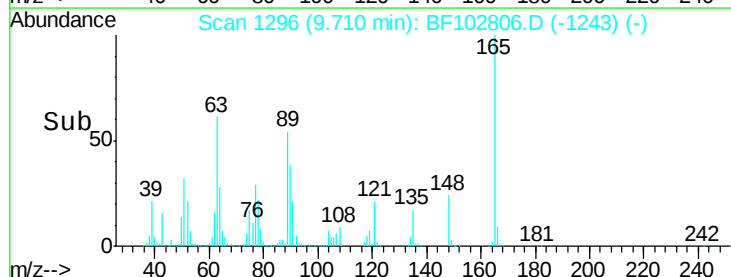
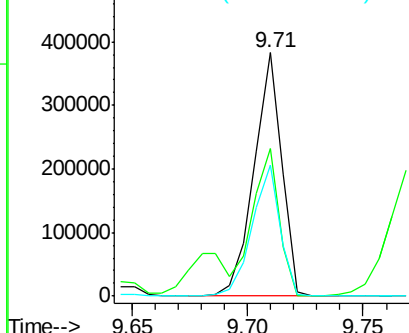


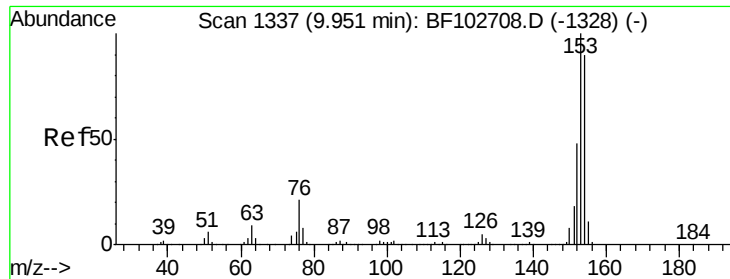
#50
2,6-Dinitrotoluene
Concen: 44.374 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.7	44.7	67.1
89	53.7	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: 37.234 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1121781

Ion Ratio Lower Upper

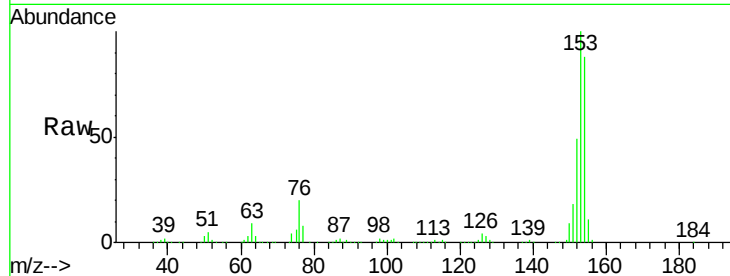
154 100

153 113.1 91.2 136.8

152 55.0 43.8 65.8

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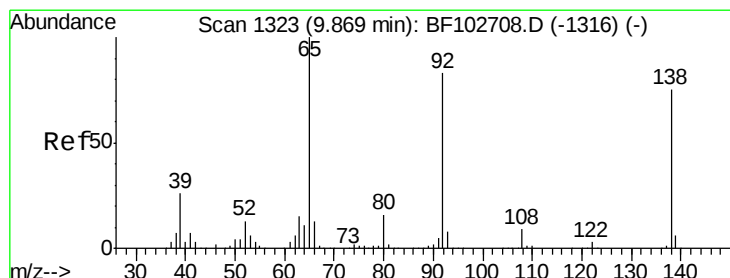
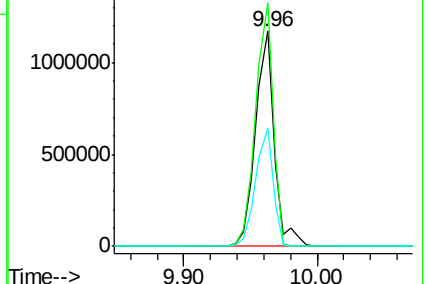
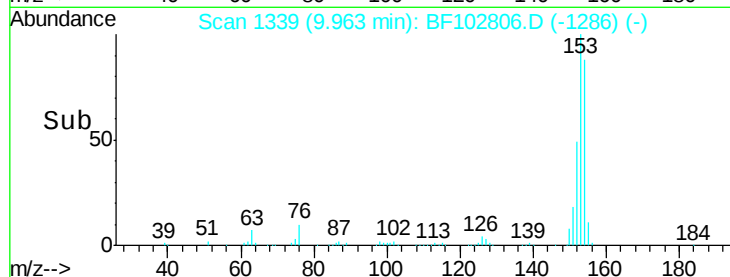
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.313 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

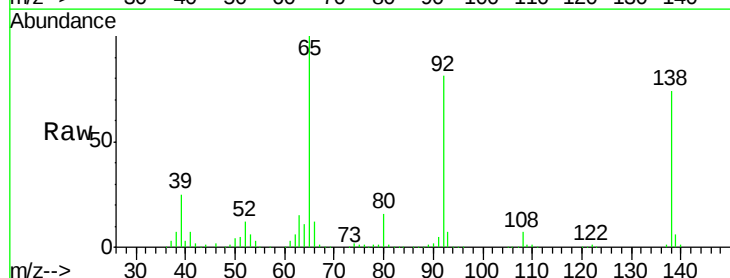
Tgt Ion:138 Resp: 404580

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

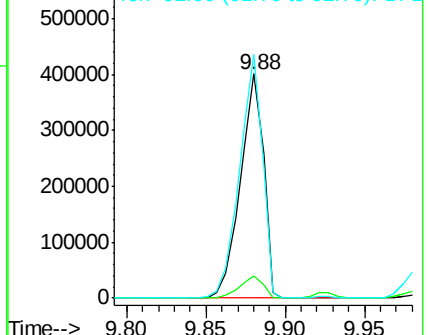
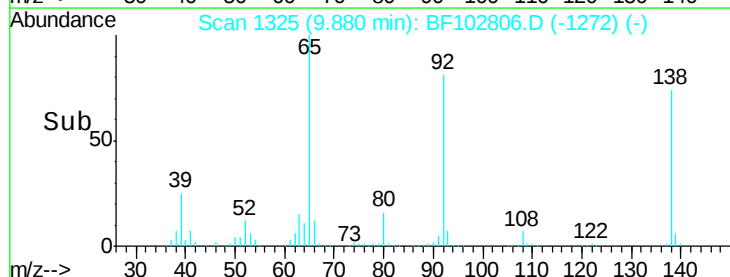
92 108.8 89.4 134.2

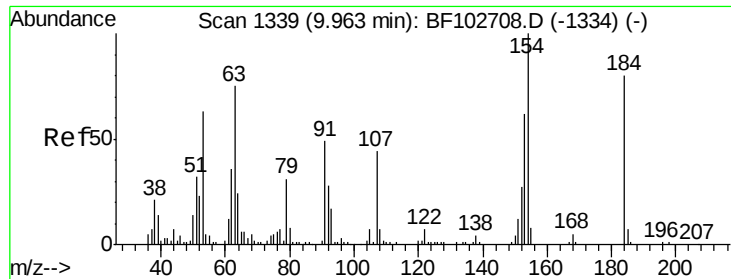


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





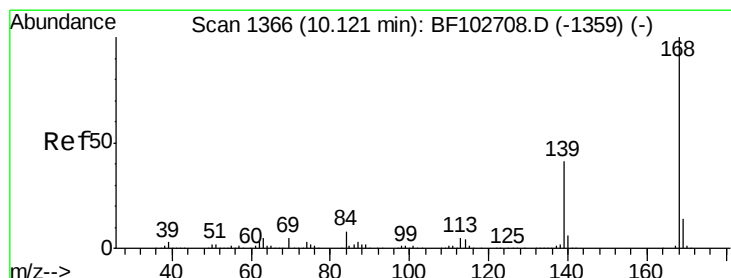
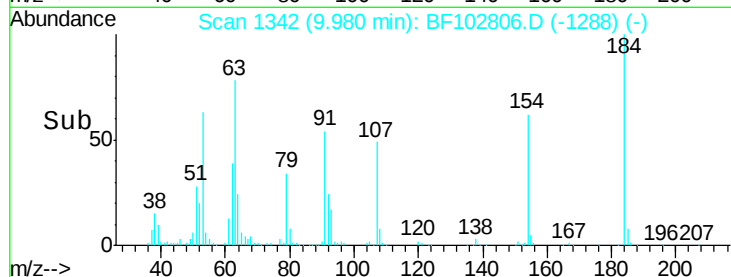
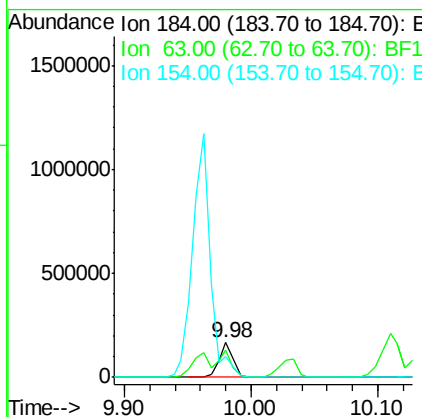
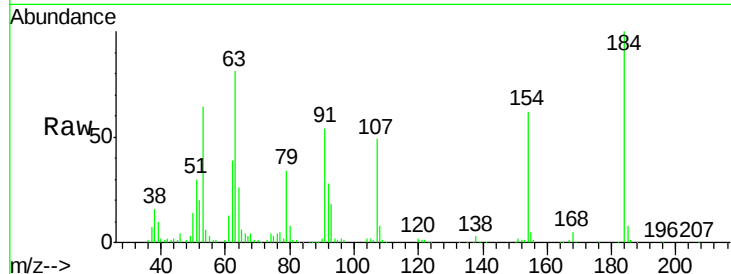
#53
2,4-Dinitrophenol
Concen: 63.916 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	80.8	54.2	81.2
154	61.9	184.0	276.0#

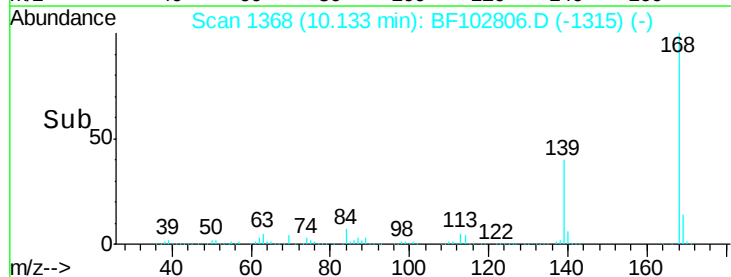
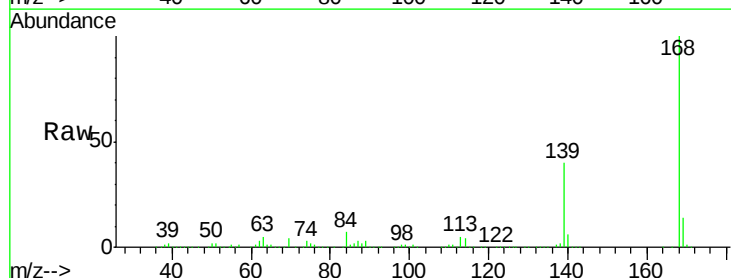
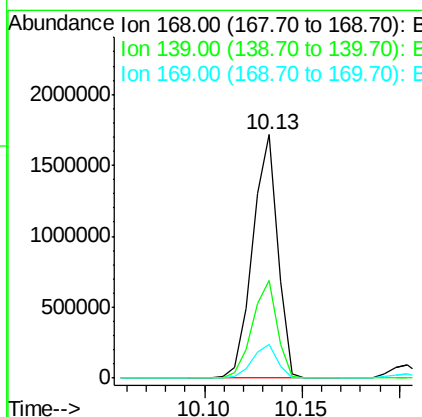
Manual Integrations
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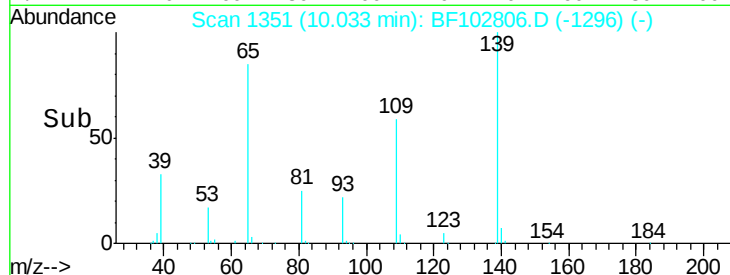
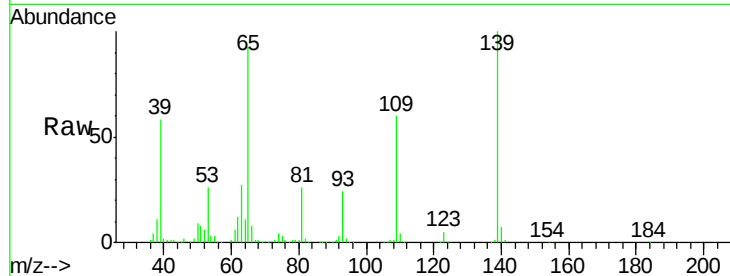
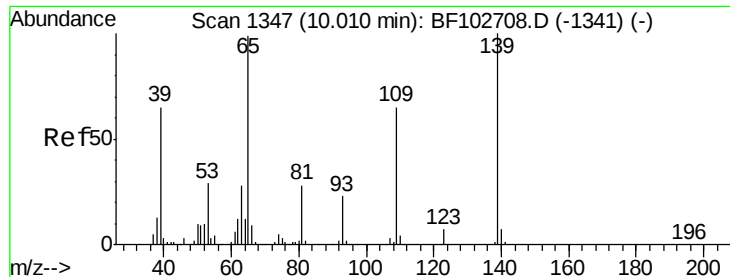
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#54
Dibenzofuran
Concen: 35.861 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	13.9	10.9	16.3





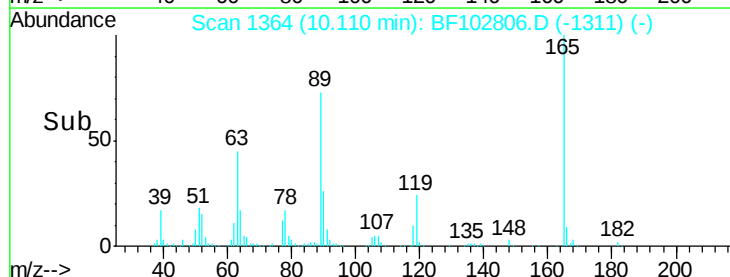
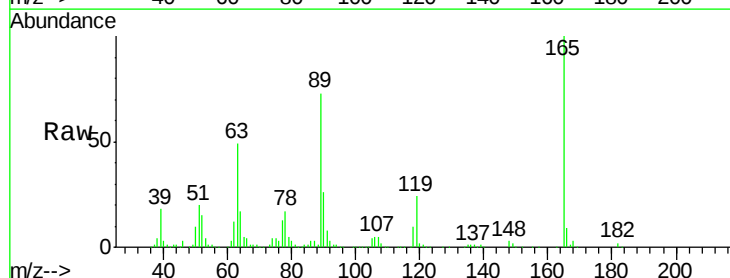
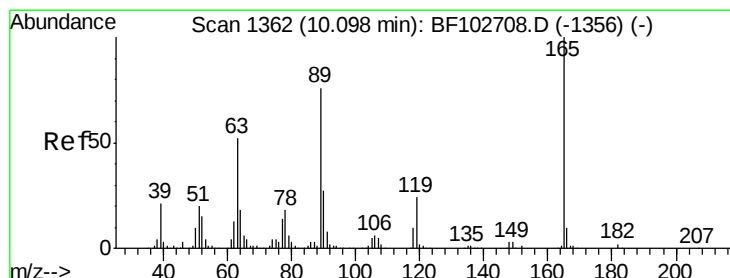
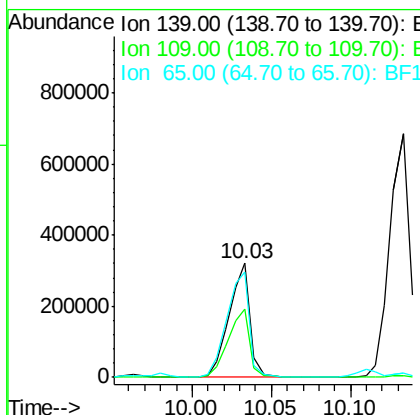
#55
4-Nitrophenol
Concen: 42.303 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	295745		
109	60.1	48.4	88.4	
65	93.0	72.6	112.6	

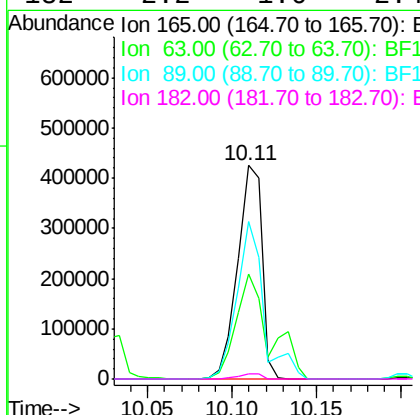
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 44.066 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	426225		
63	49.2	36.4	54.6	
89	73.5	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 37.317 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1152785

Ion Ratio Lower Upper

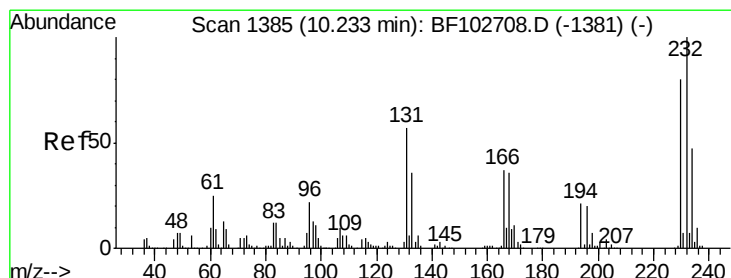
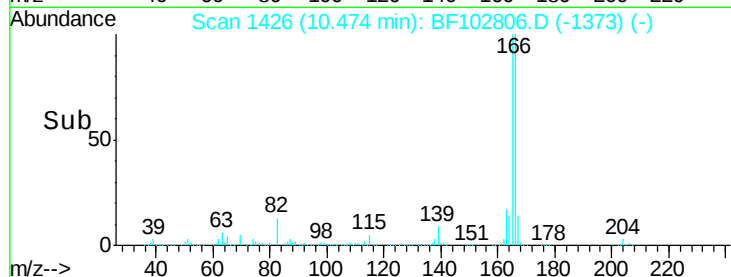
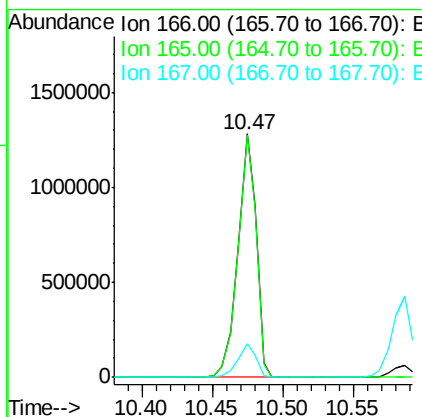
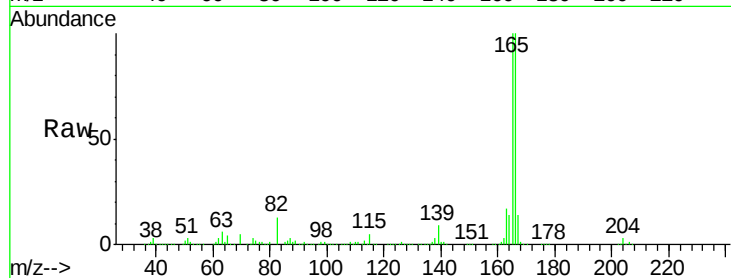
166 100

165 99.5 79.8 119.8

167 13.7 10.6 16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.783 ng

RT: 10.24 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:232 Resp: 285547

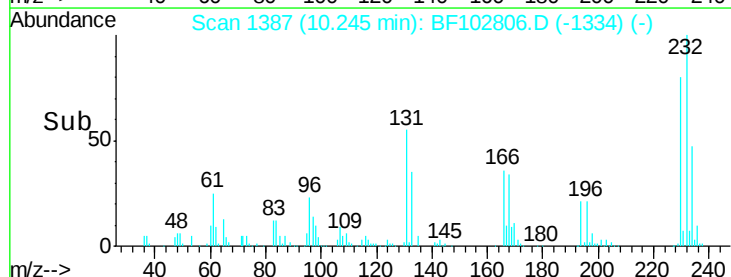
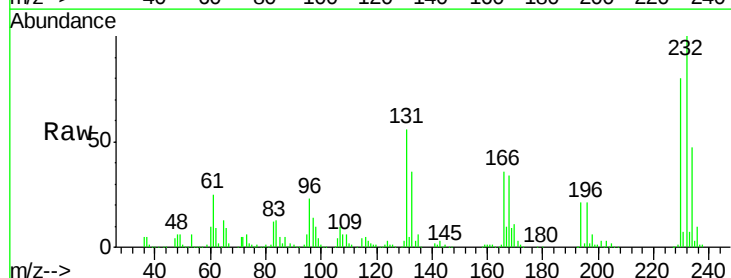
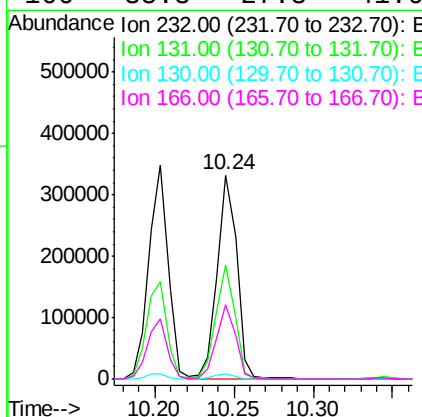
Ion Ratio Lower Upper

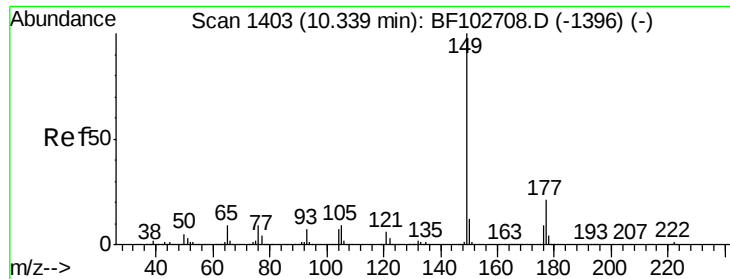
232 100

131 54.5 43.8 65.8

130 2.5 2.1 3.1

166 35.8 27.8 41.6





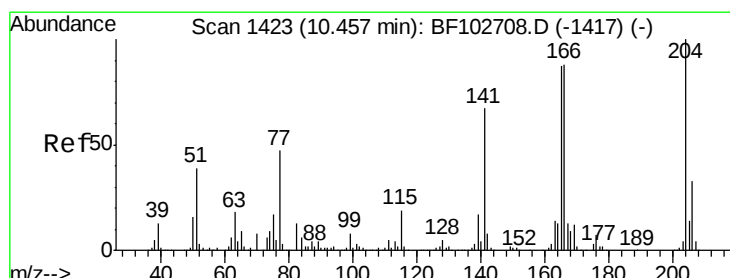
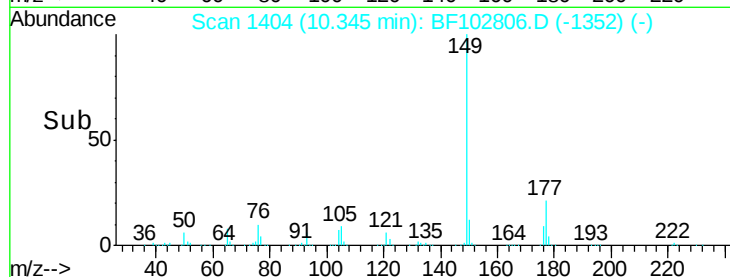
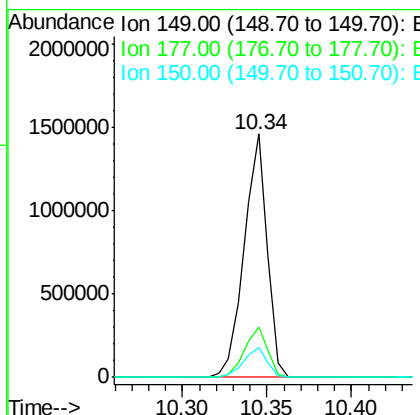
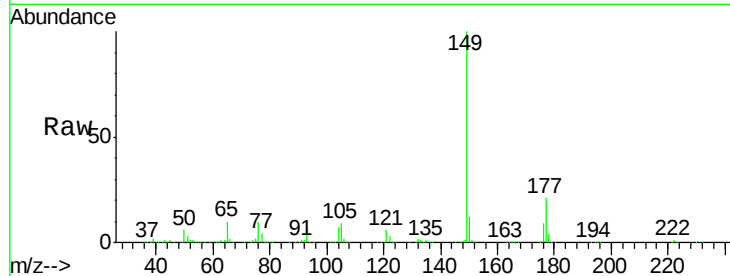
#59
Diethylphthalate
Concen: 36.848 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.3	10.1	15.1

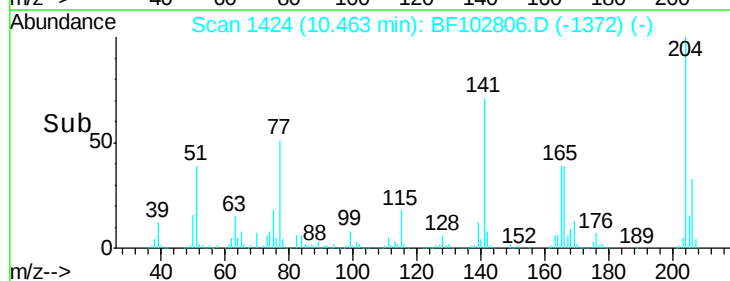
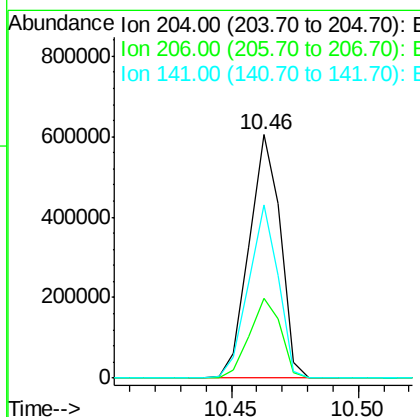
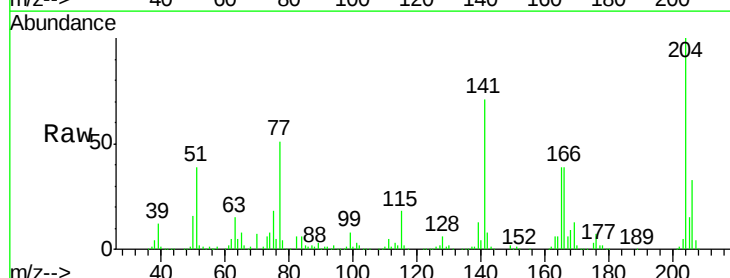
Manual Integrations
APPROVED

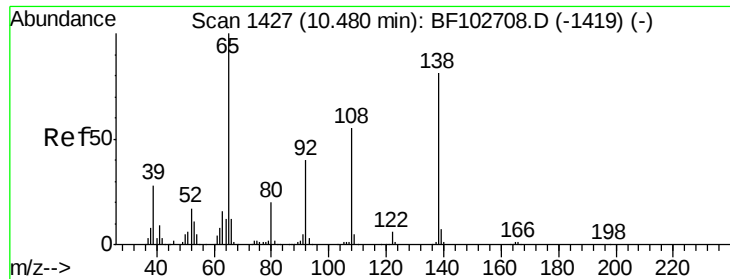
Sohil
2/8/2018 1:40:56 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.018 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	71.2	54.6	81.8





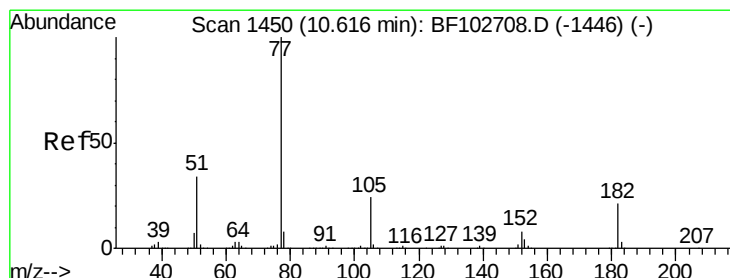
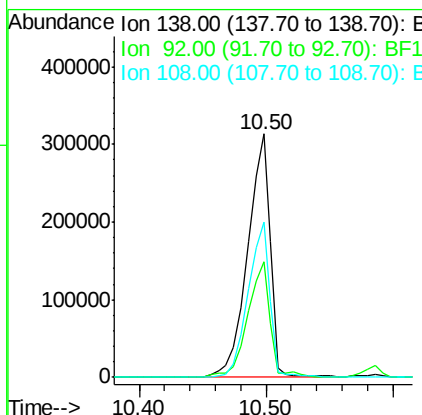
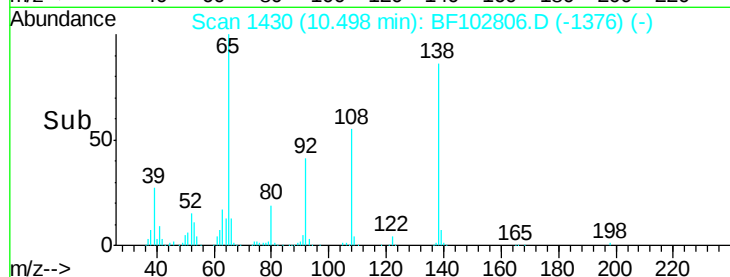
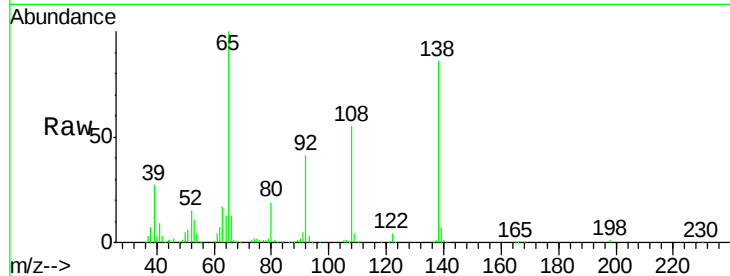
#61
4-Nitroaniline
Concen: 45.939 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.02 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	63.7	52.5	92.5

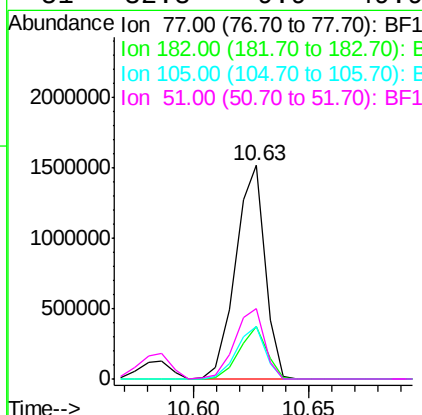
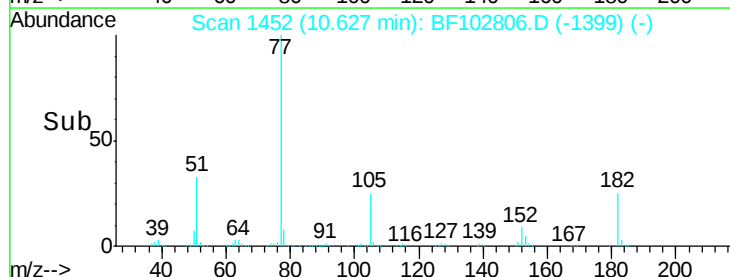
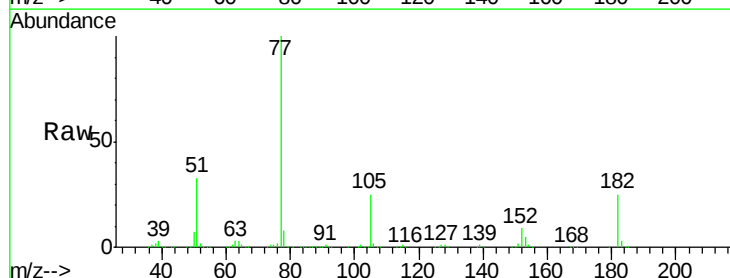
Manual Integrations
APPROVED

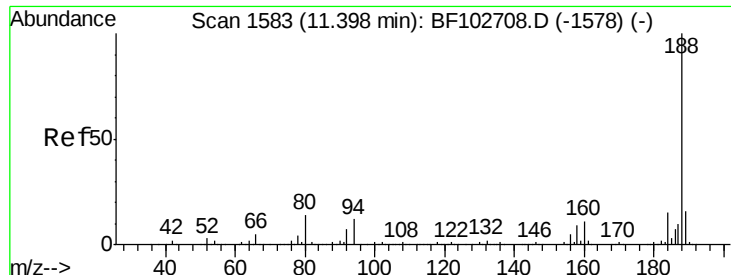
Sohil
2/8/2018 1:40:56 PM



#62
Azobenzene
Concen: 35.716 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.7	41.7
105	24.9	3.0	43.0
51	32.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

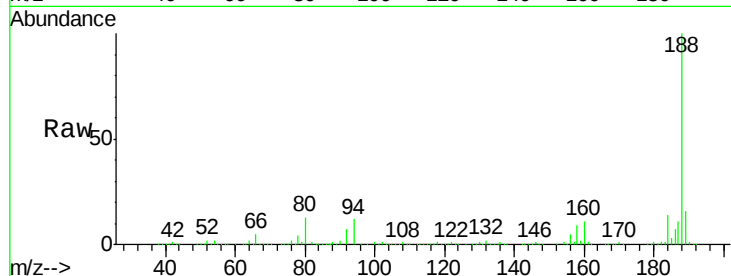
ClientSampled :

SSTDCCC040

Tot Ion:	188	Resp:	841535
Ion Ratio	Lower	Upper	
188	100		
94	11.9	8.5	12.7
80	13.3	9.2	13.8

Manual Integrations
APPROVED

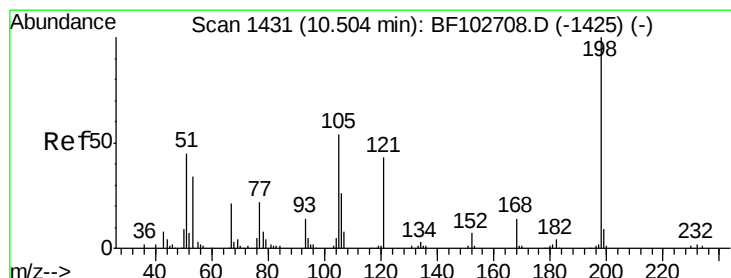
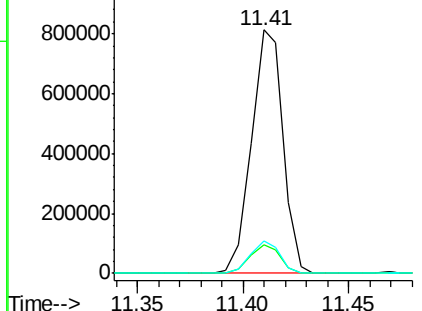
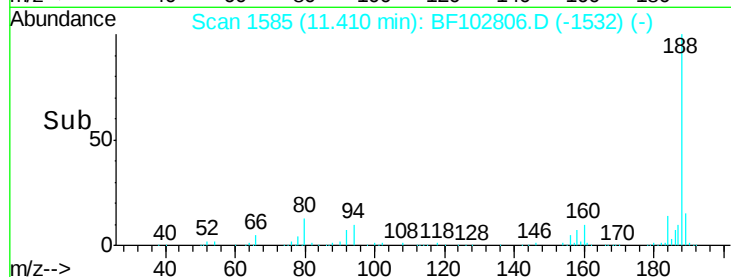
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 56.777 ng

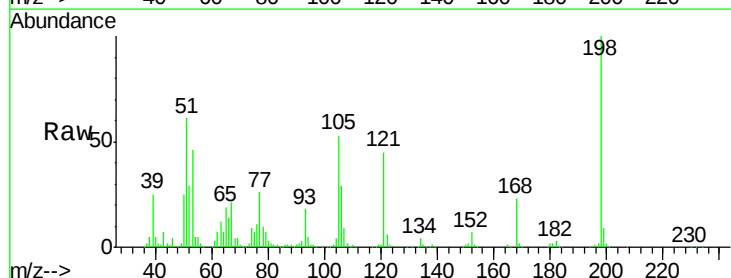
RT: 10.52 min Scan# 1434

Delta R.T. 0.02 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

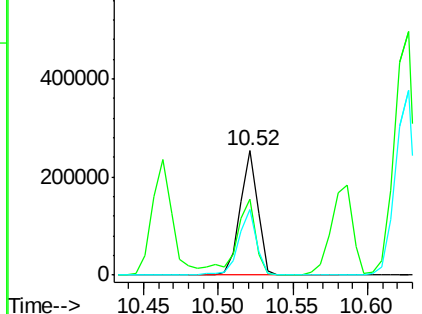
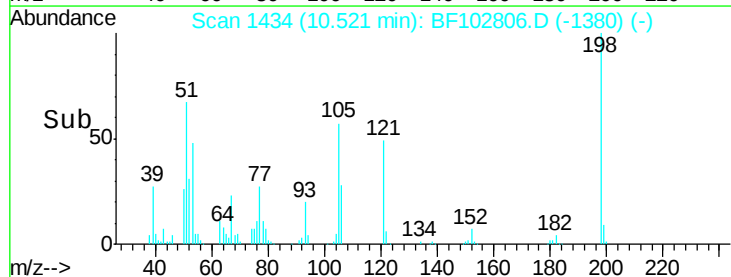
Tgt Ion:	198	Resp:	211185
Ion Ratio	Lower	Upper	
198	100		
51	61.4	37.7	77.7
105	52.6	36.3	76.3

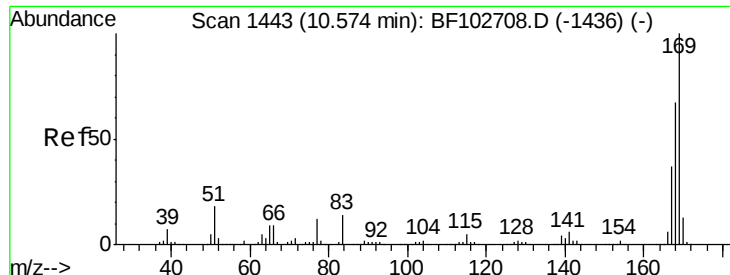


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





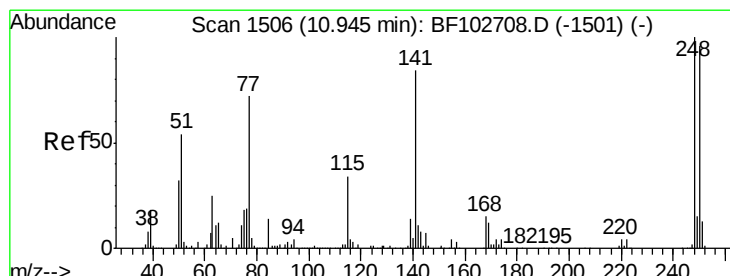
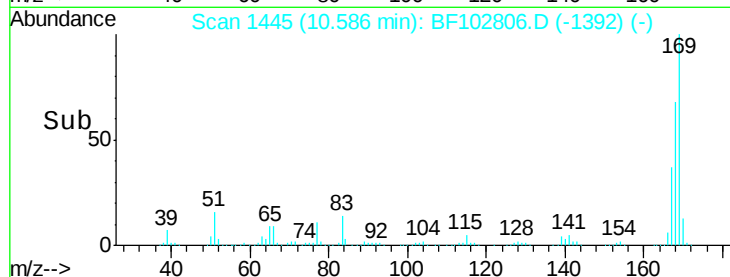
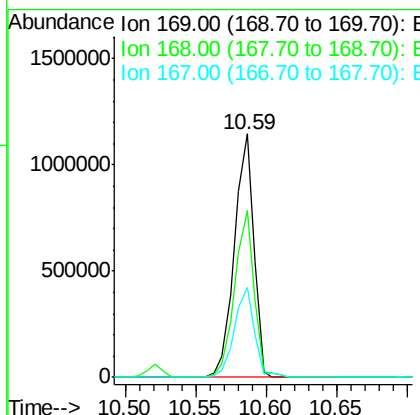
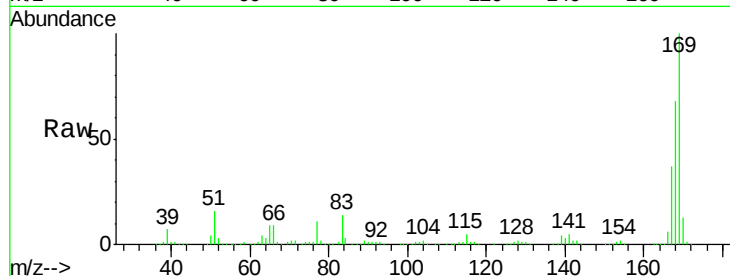
#65
n-Nitrosodiphenylamine
Concen: 36.976 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1097570
Ion Ratio Lower Upper
169 100
168 68.4 54.4 81.6
167 37.0 29.8 44.6

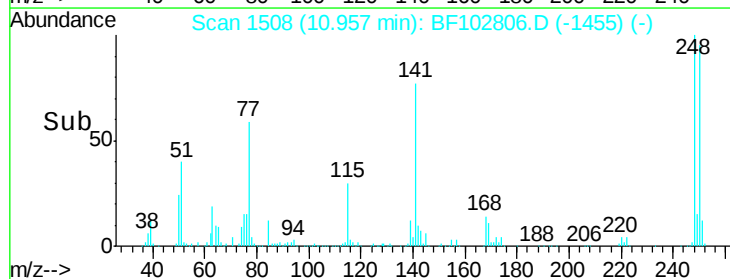
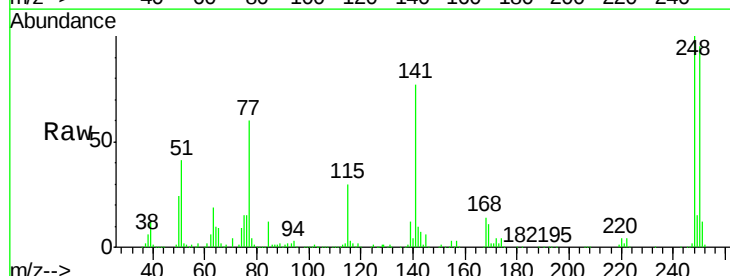
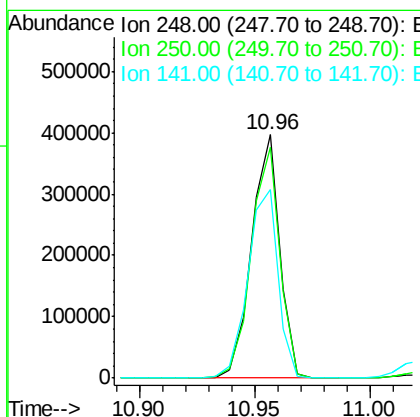
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 38.010 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:248 Resp: 338360
Ion Ratio Lower Upper
248 100
250 95.0 76.9 115.3
141 77.3 74.4 111.6





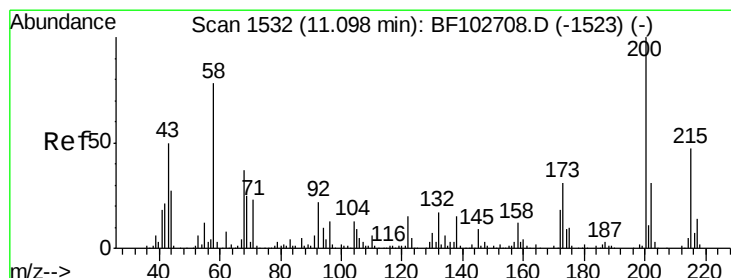
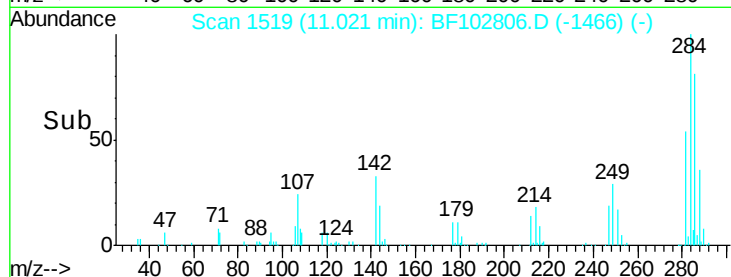
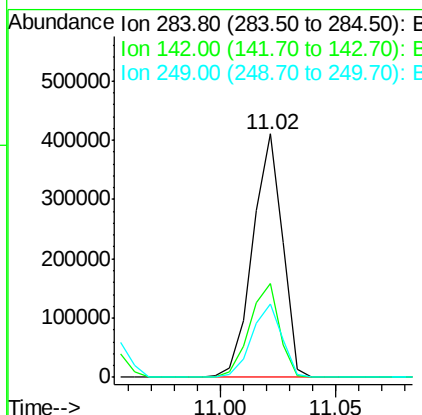
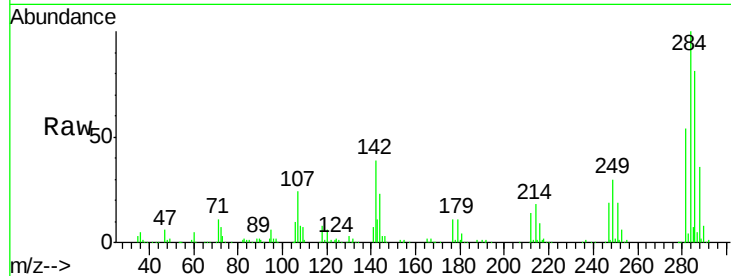
#67
Hexachlorobenzene
Concen: 37.588 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	369135		
142	38.6		34.6	52.0
249	30.3		24.8	37.2

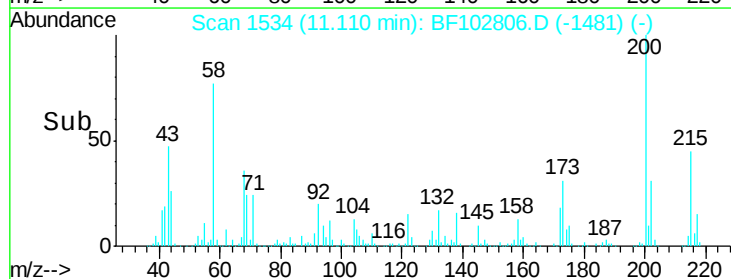
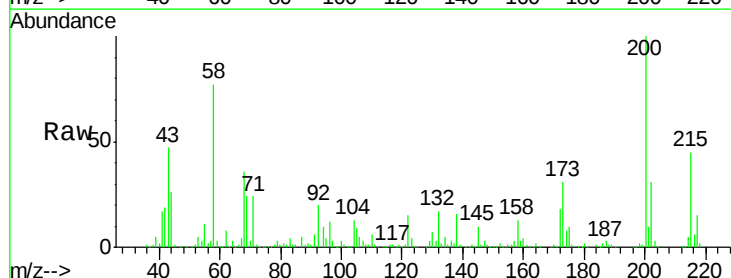
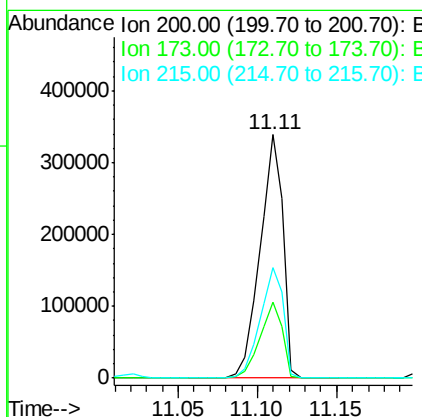
Manual Integrations
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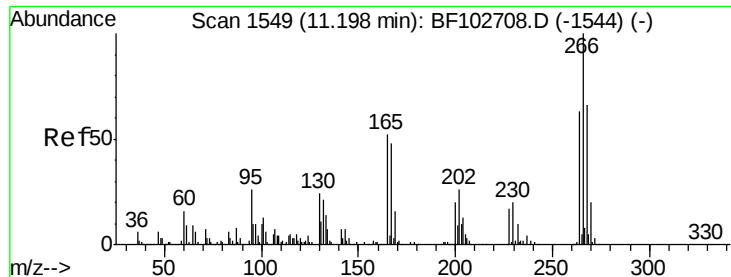
Sohil
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#68
Atrazine
Concen: 39.110 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	342485		
173	31.0		8.6	48.6
215	45.3		25.1	65.1





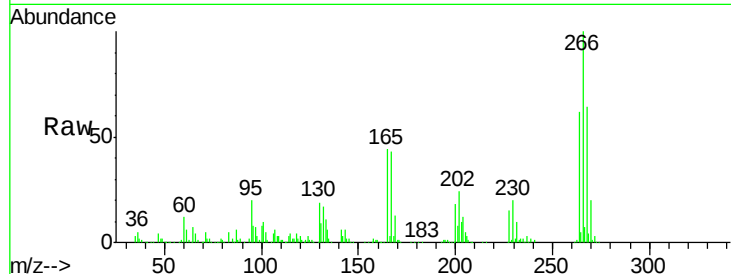
#69
 Pentachlorophenol
 Concen: 47.362 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.02 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

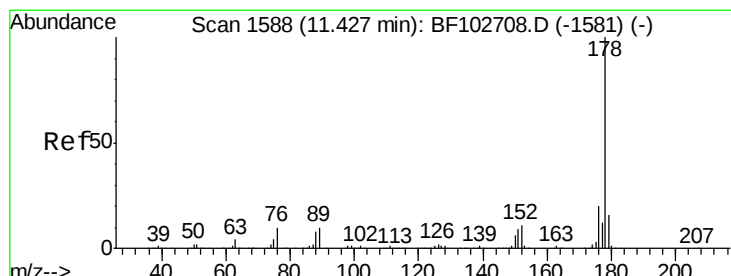
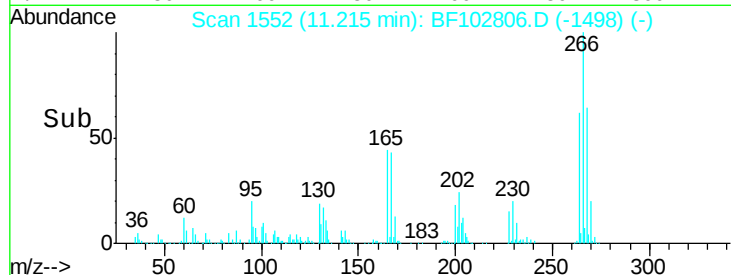
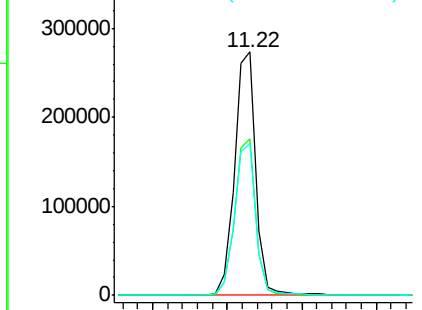
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	62.4	49.5	74.3

Manual Integrations
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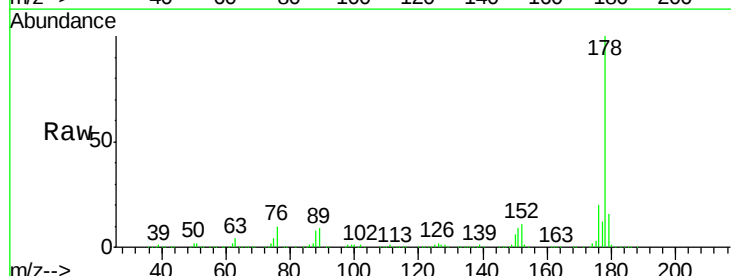


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

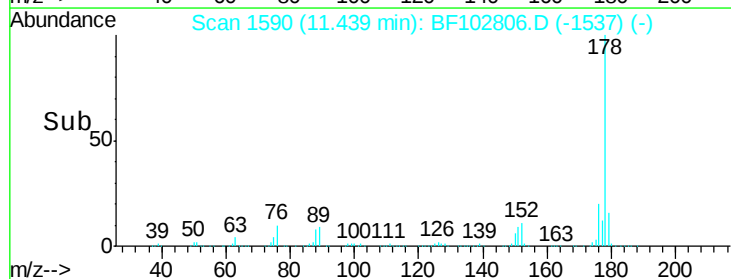
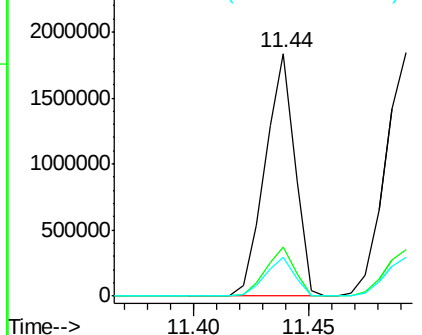


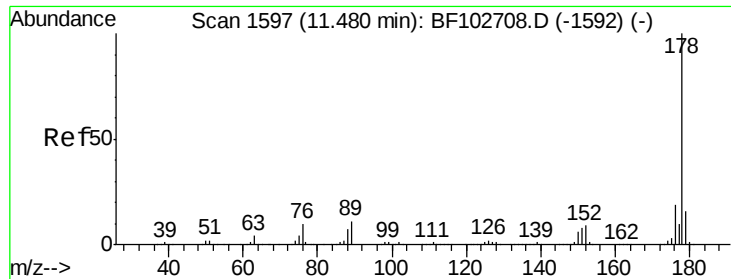
#70
 Phenanthrene
 Concen: 35.168 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.9	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





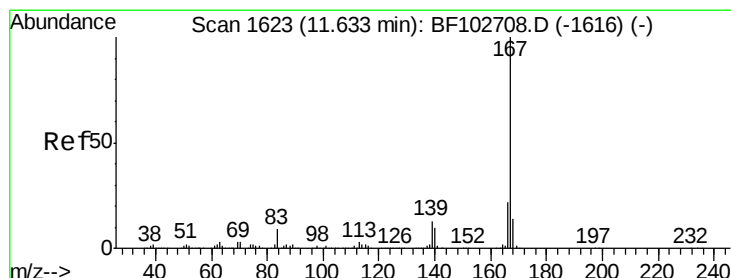
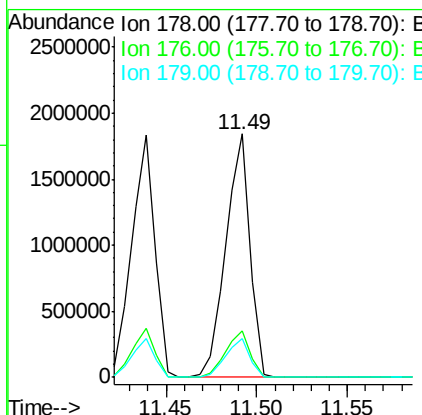
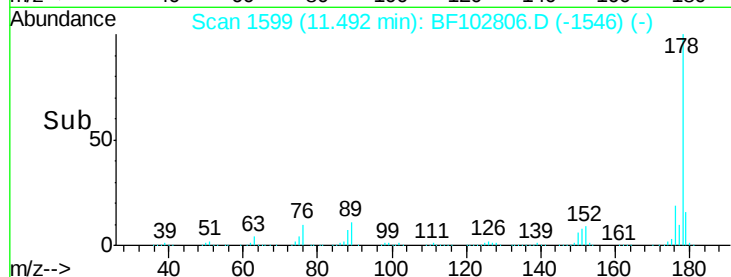
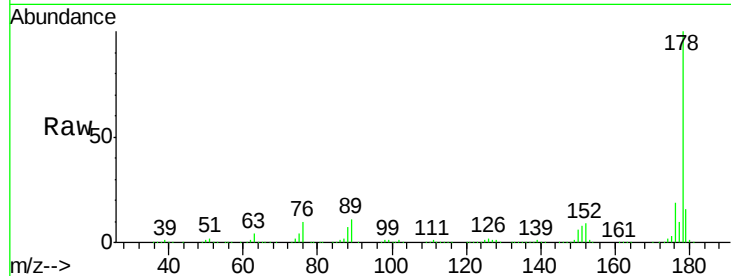
#71
 Anthracene
 Concen: 35.806 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.2	15.4	23.2	
179	15.7	12.6	19.0	

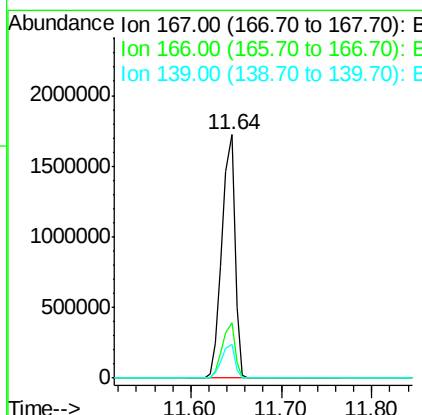
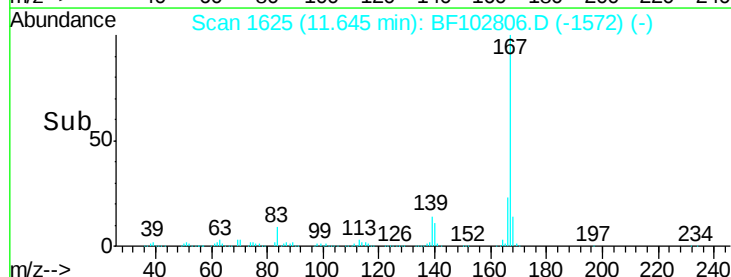
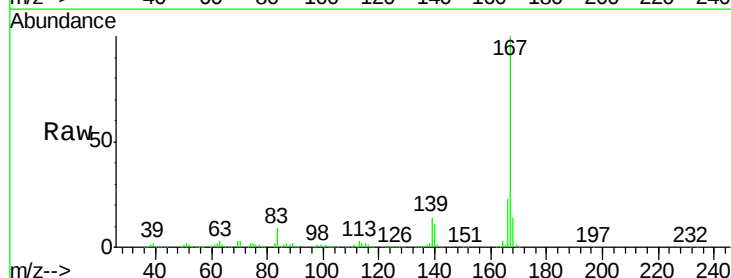
Manual Integrations
 APPROVED

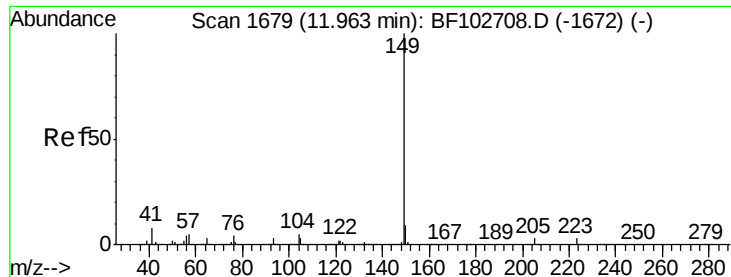
Sohil
 2/8/2018 1:40:56 PM



#72
 Carbazole
 Concen: 36.457 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	17.6	26.4	
139	13.9	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 37.198 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2110228

Ion Ratio Lower Upper

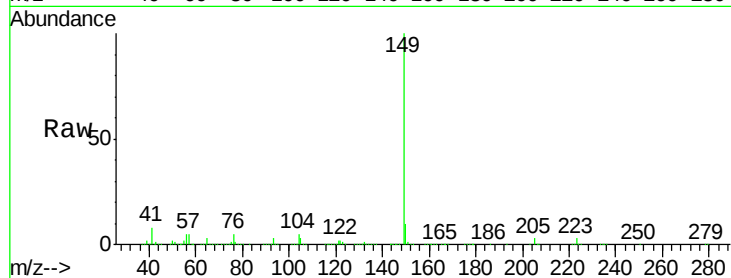
149 100

150 9.7 7.8 11.6

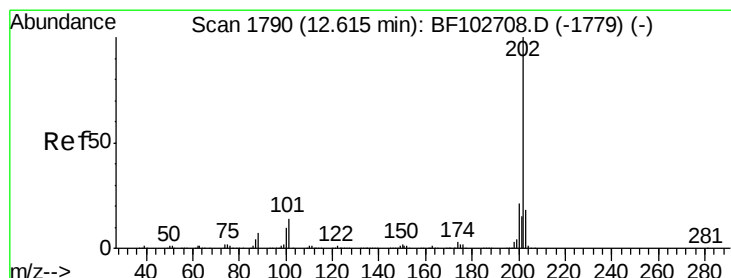
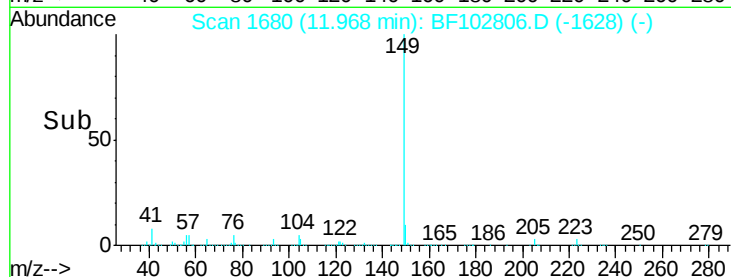
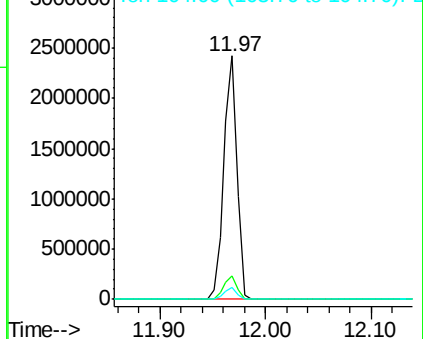
104 4.9 3.8 5.8

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



#74

Fluoranthene

Concen: 35.568 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

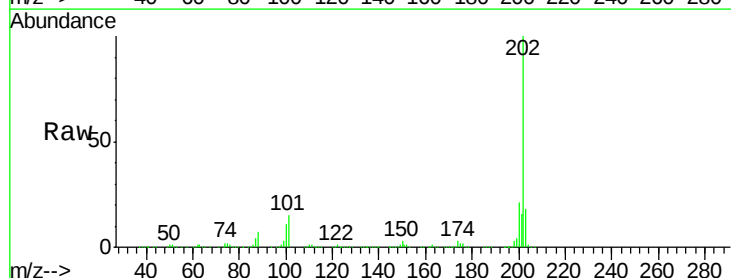
Tgt Ion:202 Resp: 1677176

Ion Ratio Lower Upper

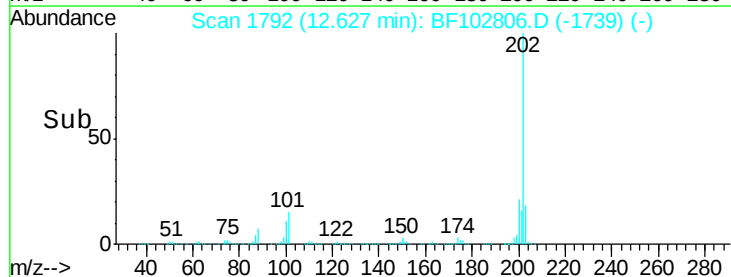
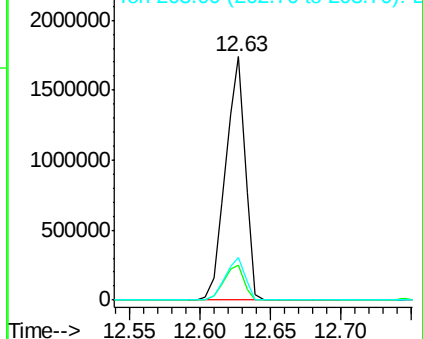
202 100

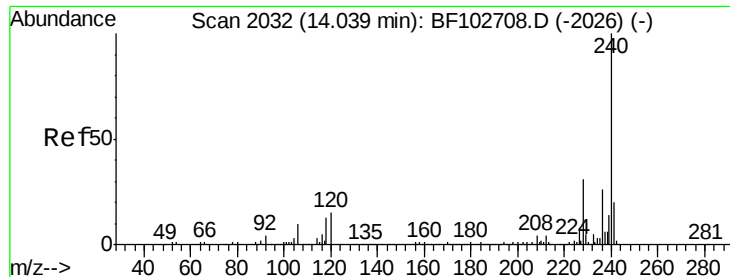
101 14.5 0.0 34.1

203 17.7 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

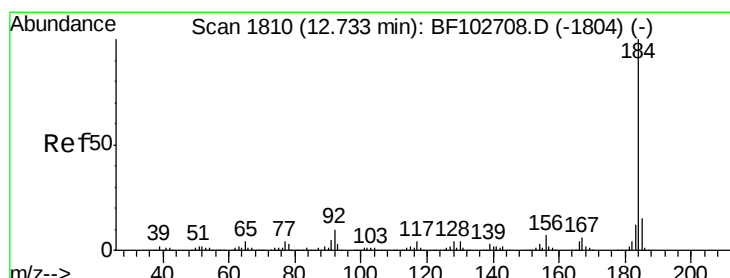
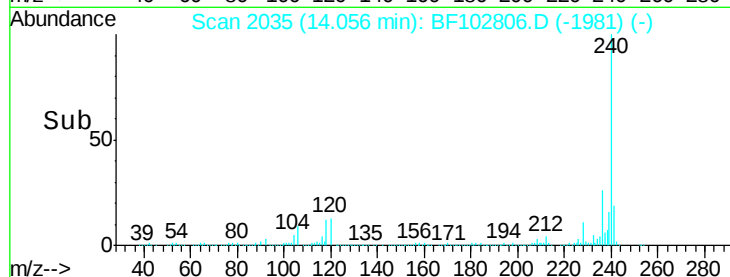
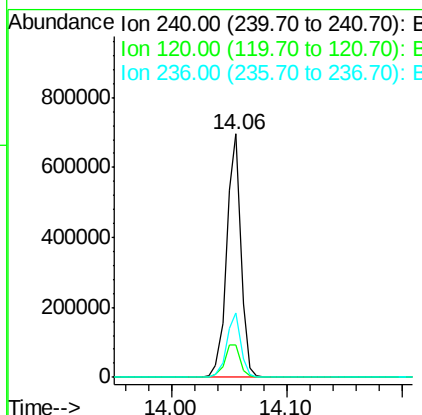
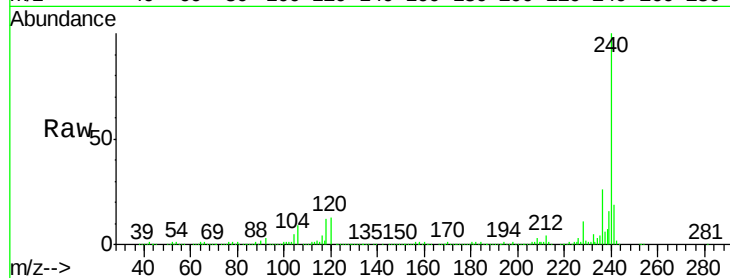
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 33.524 ng

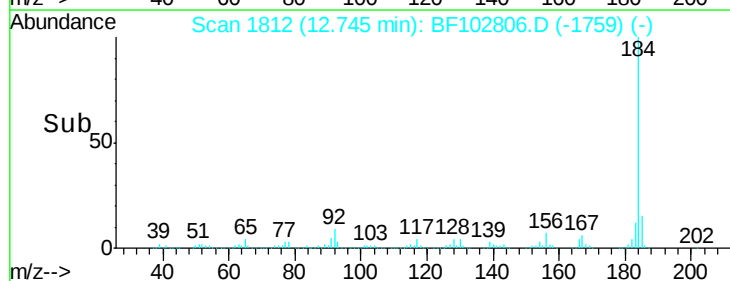
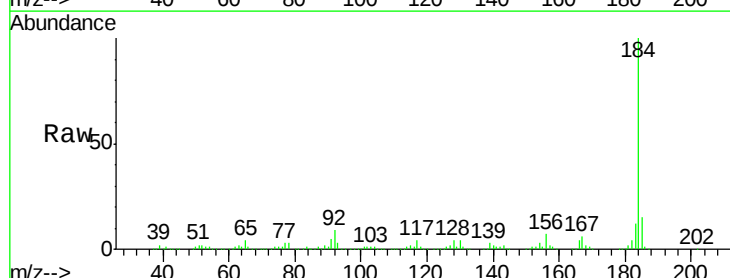
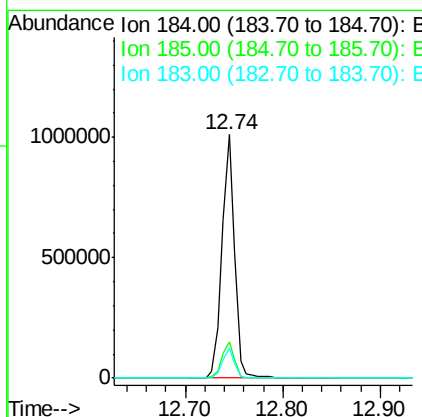
RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	12.4	9.3	13.9





#77

Pvrene

Concen: 37.607 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

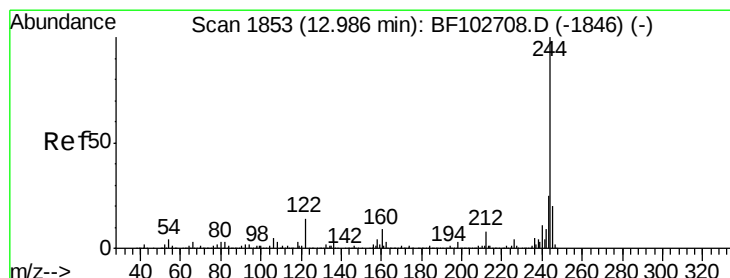
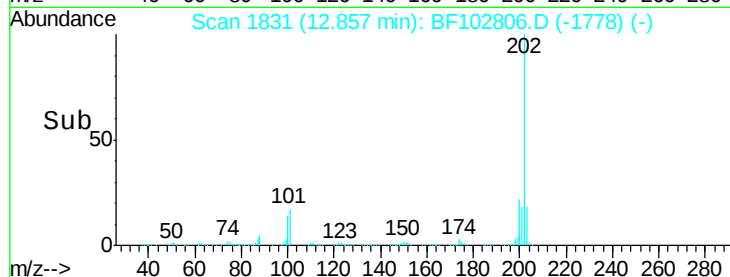
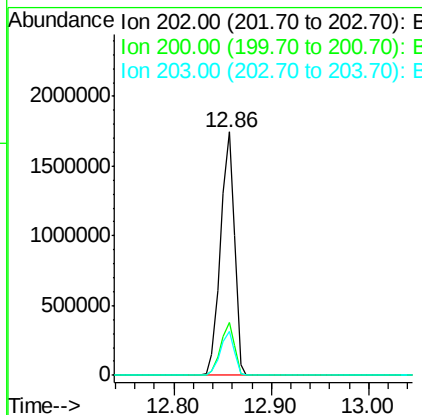
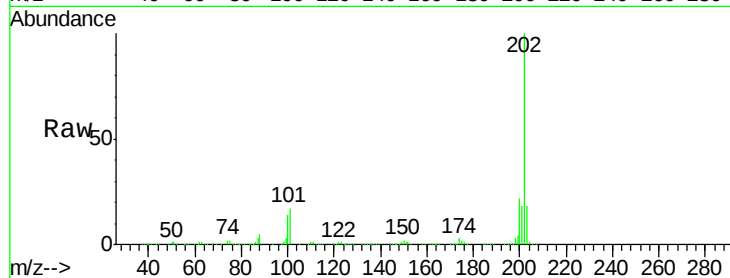
SSTDCCC040

Tot Ion:202 Resp: 1743002

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 71.401 ng

RT: 13.00 min Scan# 1855

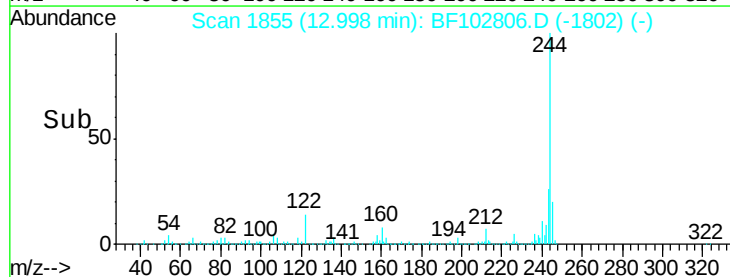
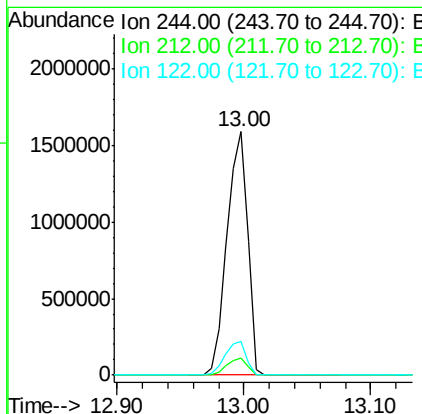
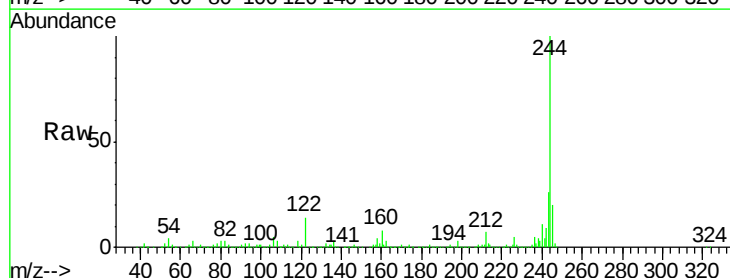
Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:244 Resp: 1782330

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.7	11.0	16.4





#79

Butylbenzylphthalate

Concen: 40.817 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

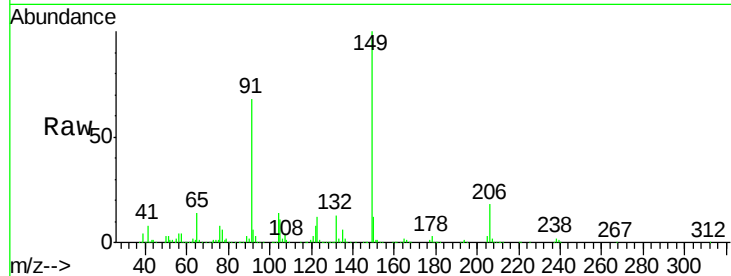
ClientSampled :

SSTDCCC040

Tot Ion:	149	Resp:	901425
Ion Ratio	Lower	Upper	
149	100		
91	68.0	56.8	85.2
206	18.0	14.1	21.1

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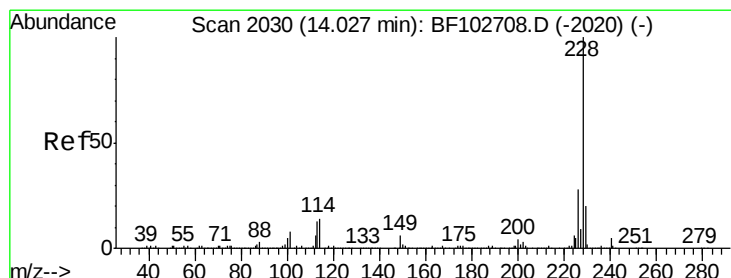
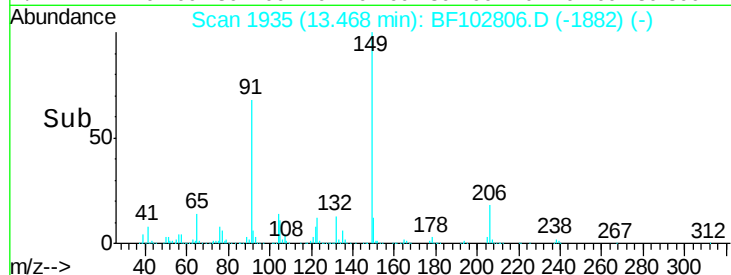
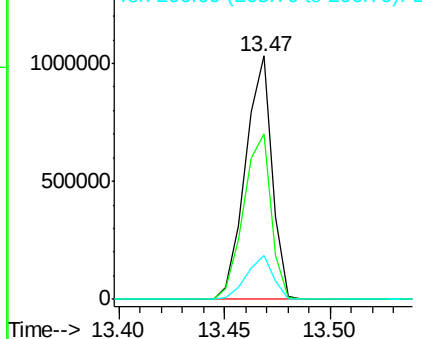
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.121 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BF102806.D

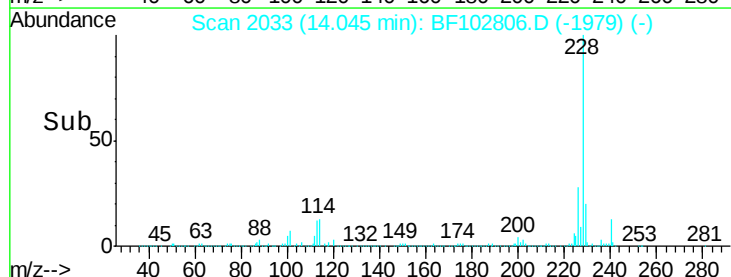
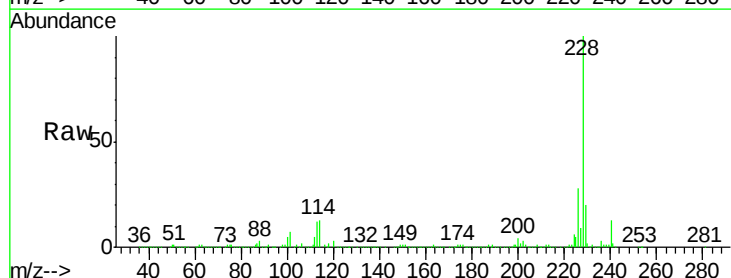
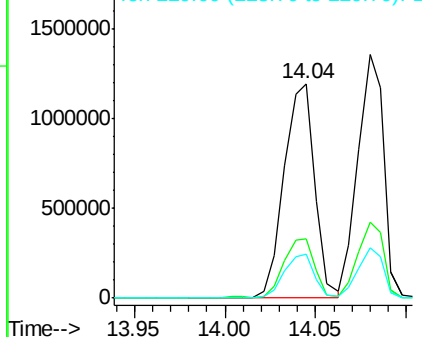
Acq: 7 Feb 2018 10:59

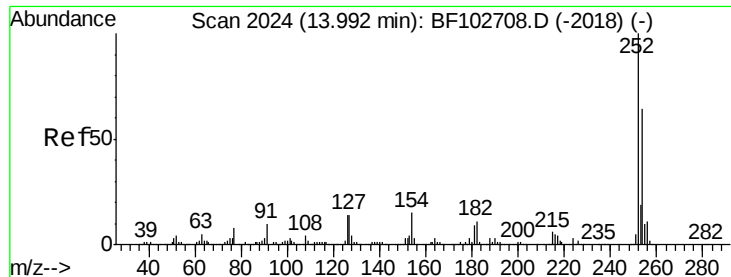
Tgt Ion:	228	Resp:	1417015
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	20.3	15.8	23.6

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





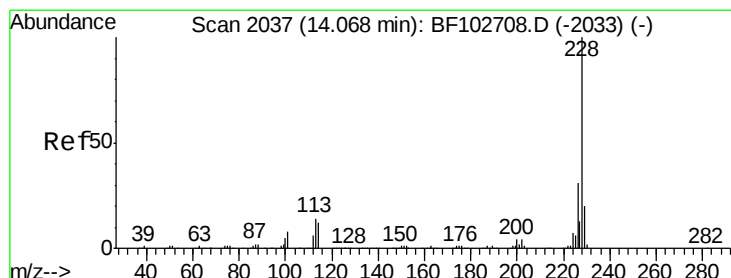
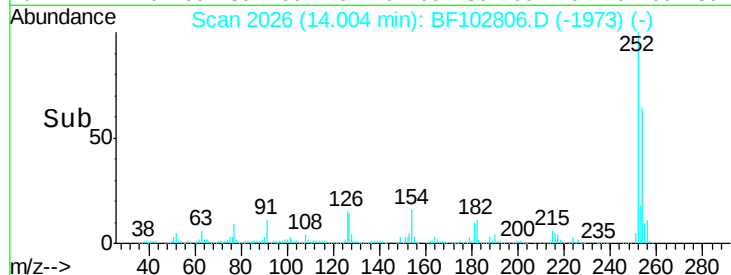
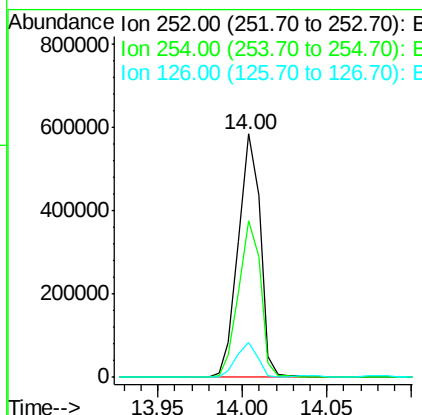
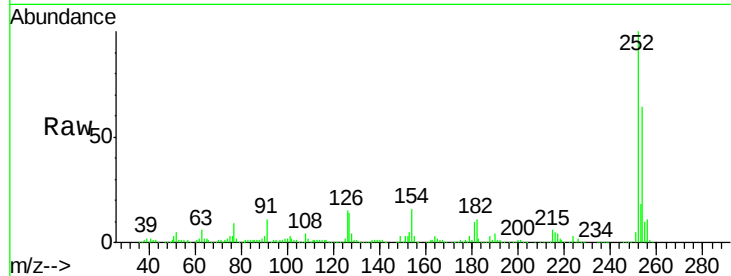
#81
 3,3'-Dichlorobenzidine
 Concen: 38.804 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	14.5	11.3	16.9

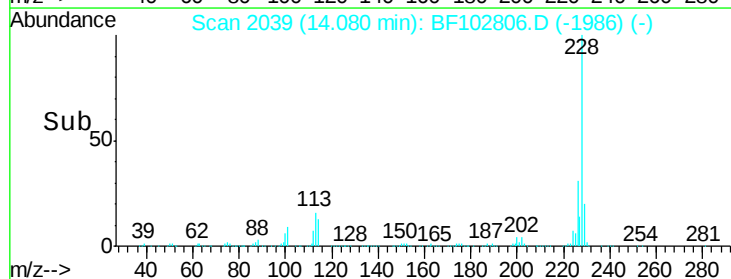
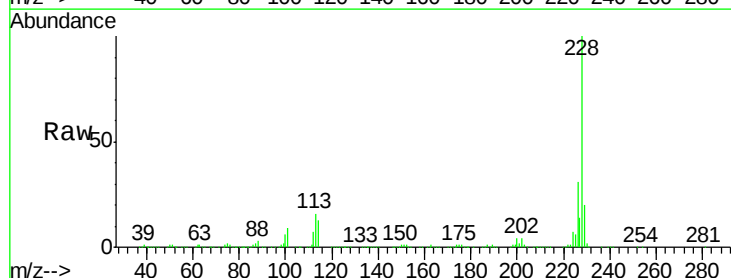
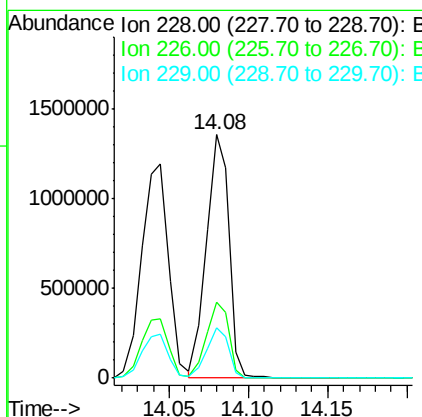
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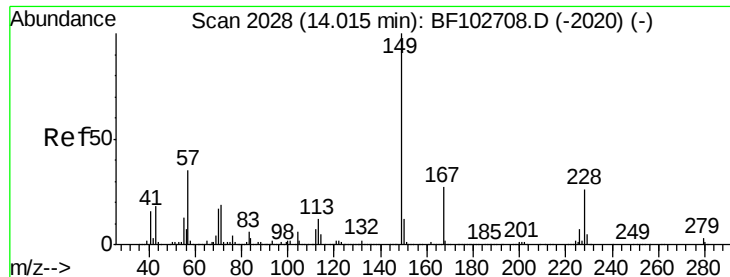
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#82
 Chrysene
 Concen: 36.249 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.804 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1186900

Ion Ratio Lower Upper

149 100

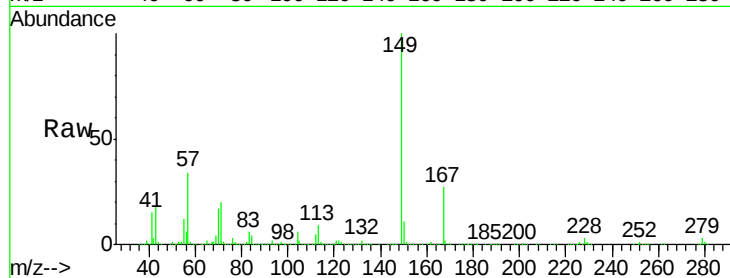
167 26.7 21.3 31.9

279 3.0 3.0 4.4

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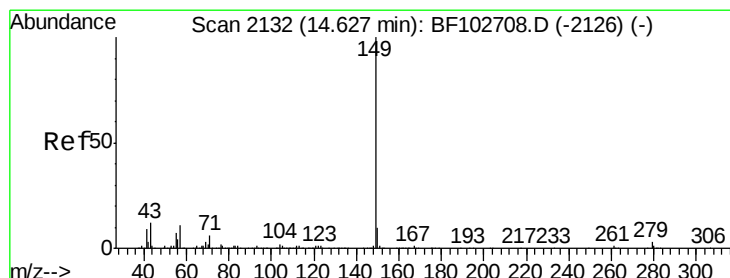
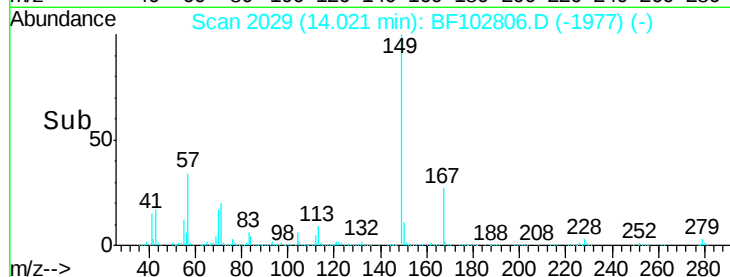
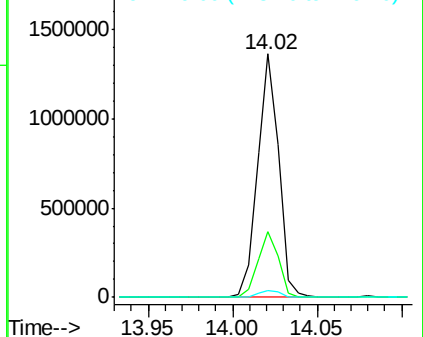
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.294 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

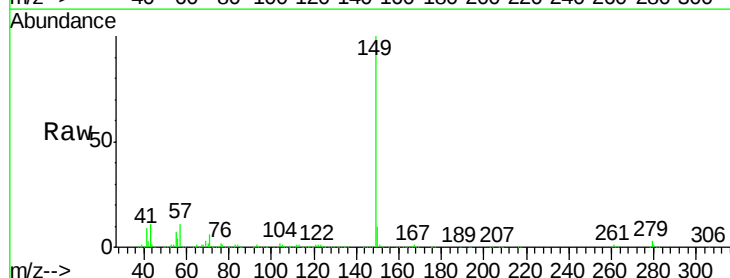
Tgt Ion:149 Resp: 1845647

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

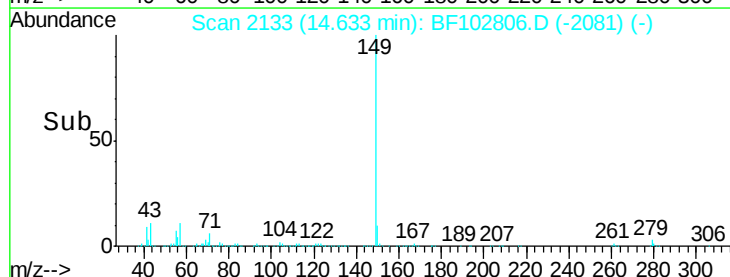
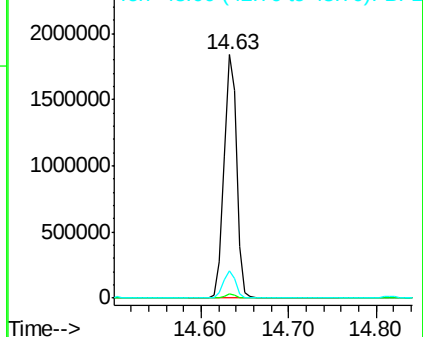
43 11.2 8.4 12.6

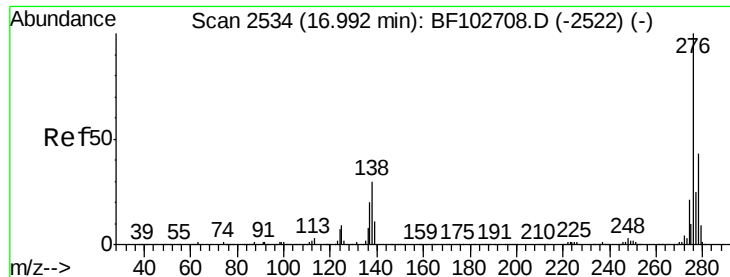


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





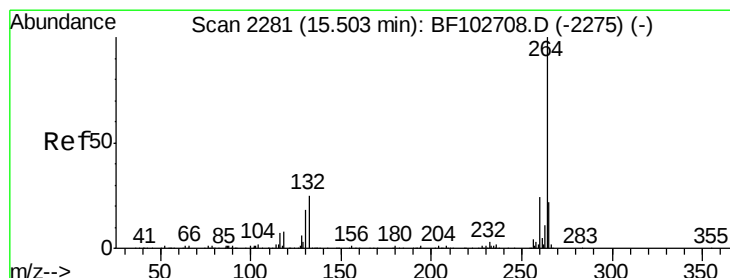
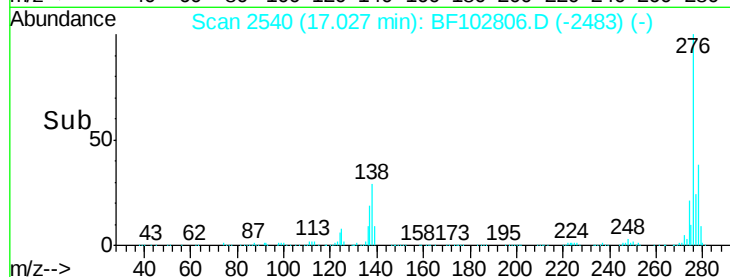
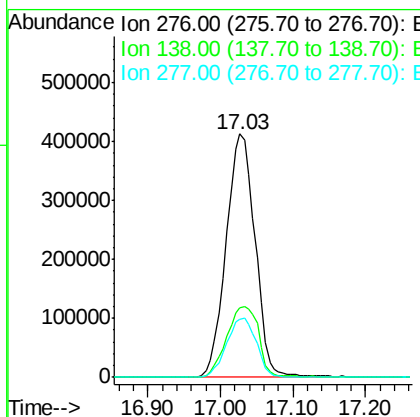
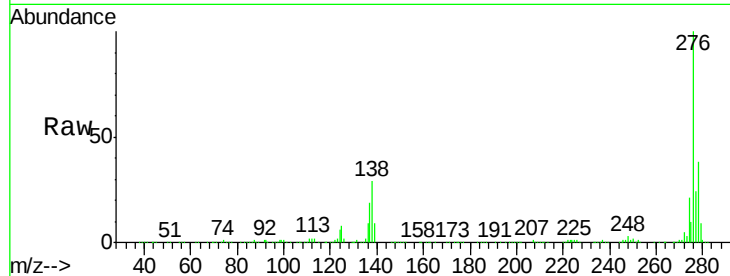
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.989 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.04 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.0	37.6
277	25.1	20.1	30.1

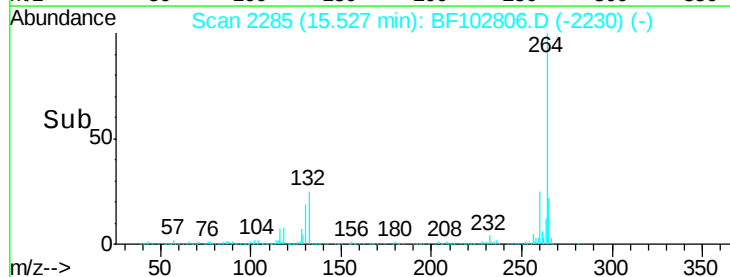
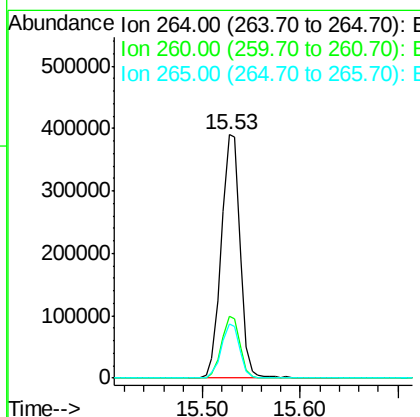
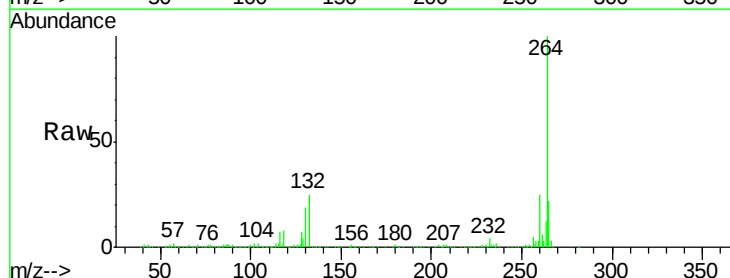
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.1	17.5	26.3





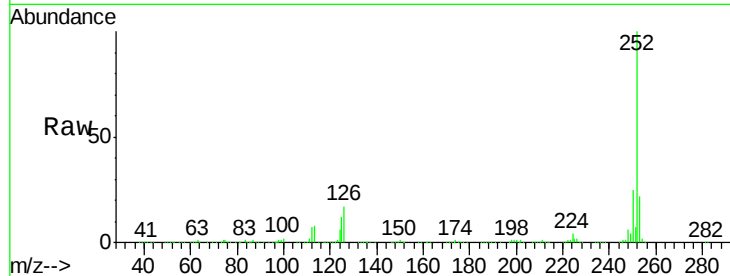
#87
Benzo(b)fluoranthene
Concen: 38.729 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

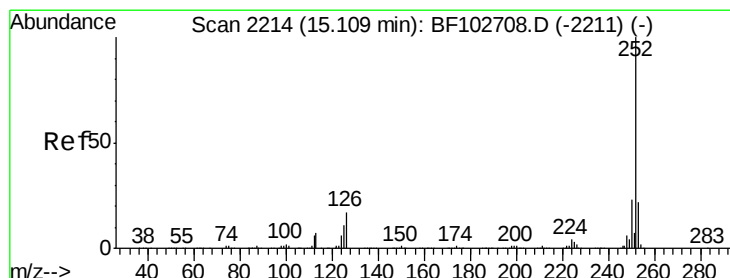
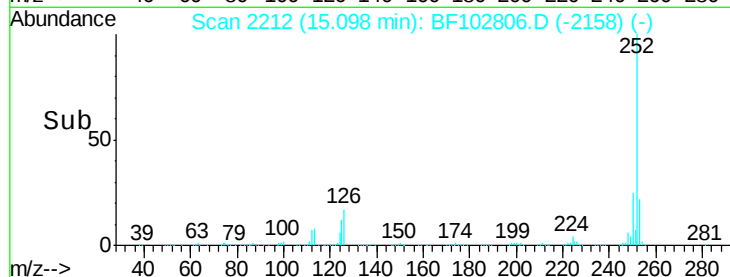
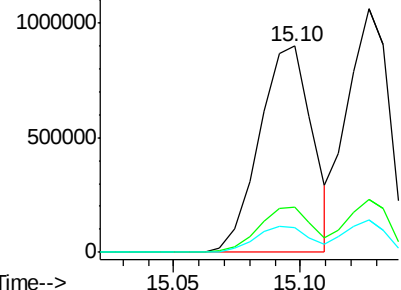
Tot Ion:252 Resp: 1307392
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.3 9.0 13.6

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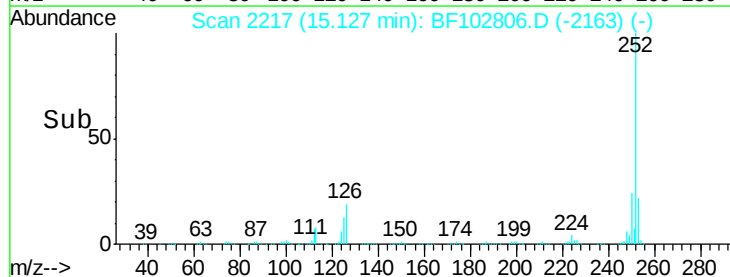
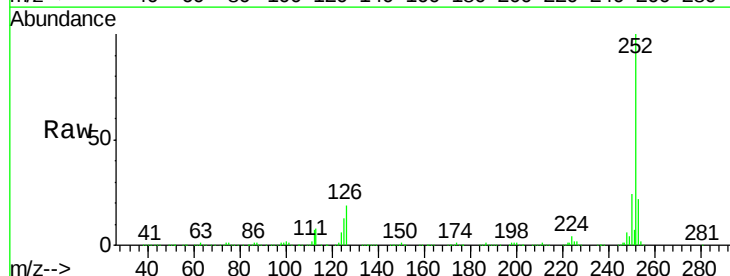
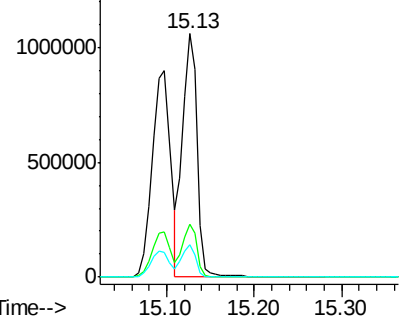
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

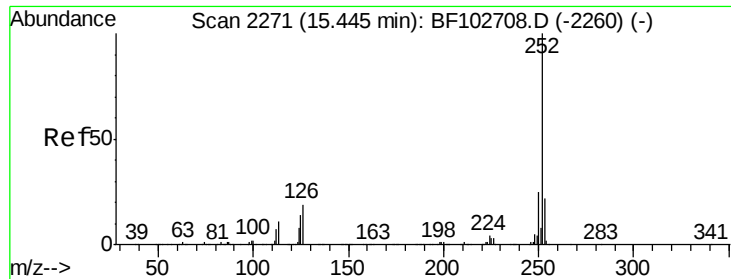


#88
Benzo(k)fluoranthene
Concen: 38.593 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:252 Resp: 1244838
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.1 10.2 15.2

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





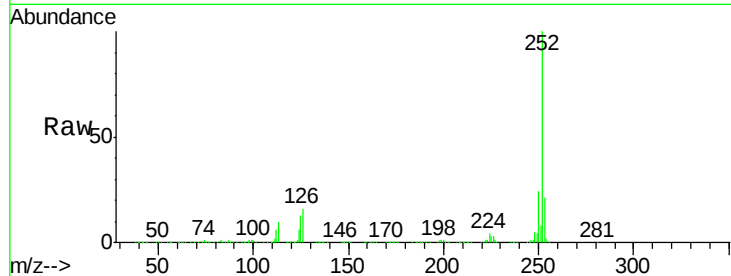
#89
Benzo(a)pyrene
Concen: 38.438 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

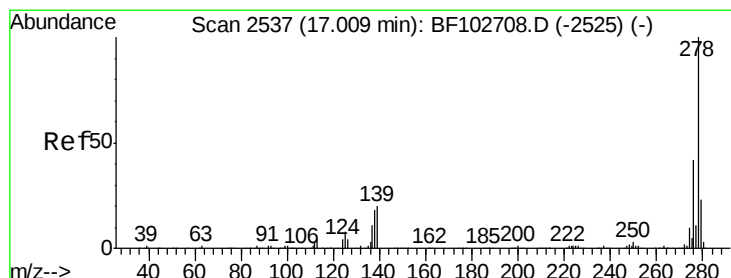
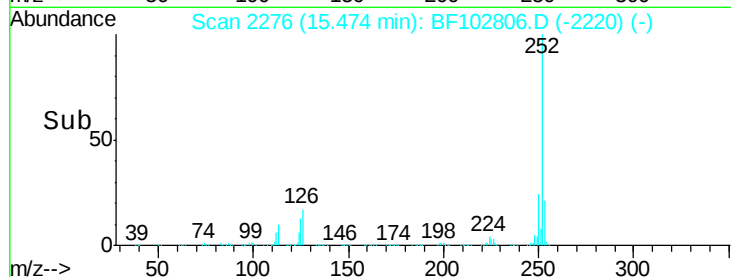
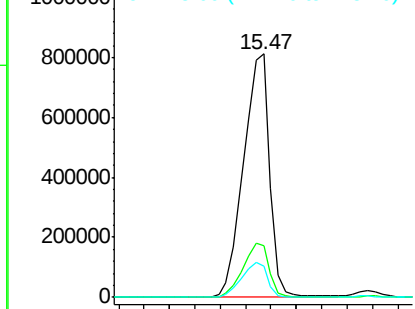
Tot Ion:252 Resp: 1167972
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 12.8 9.8 14.6

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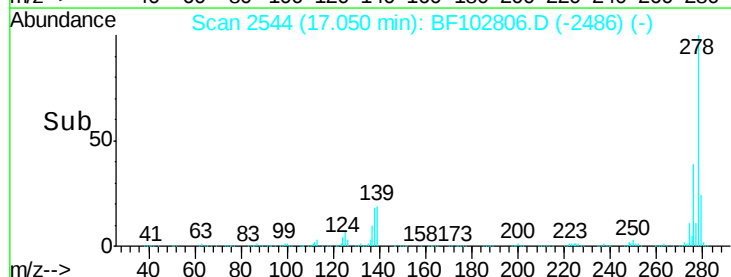
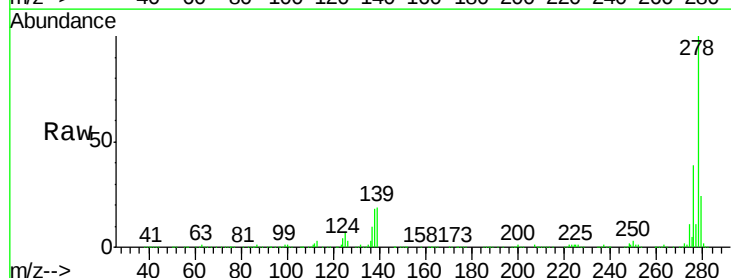
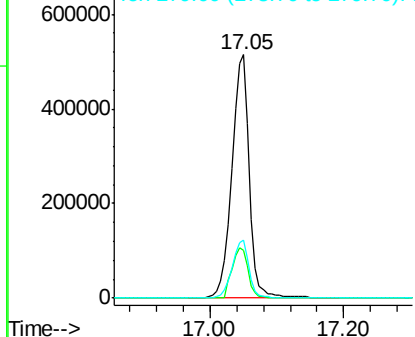
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

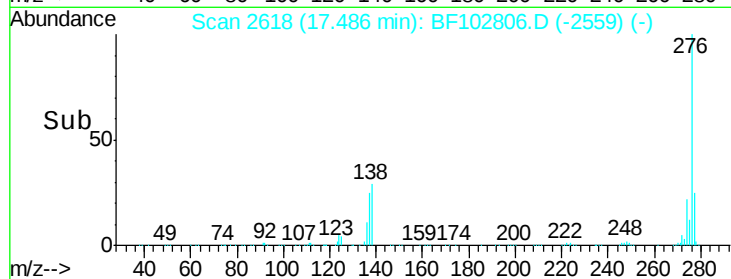
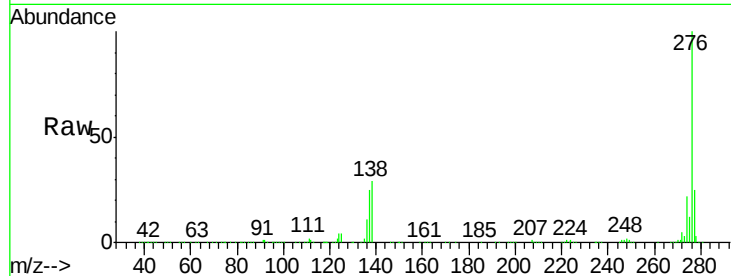
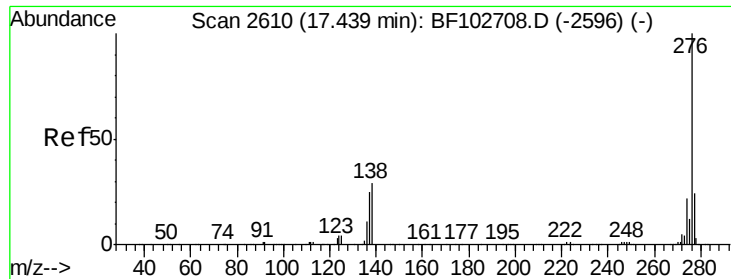


#90
Dibenzo(a,h)anthracene
Concen: 38.509 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.04 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:278 Resp: 949773
Ion Ratio Lower Upper
278 100
139 19.4 15.9 23.9
279 23.7 19.0 28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.330 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. 0.05 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	28.8	21.8	32.8

Manual Integrations
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