

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113912.D
 Acq On : 23 Apr 2019 7:29
 Operator : JU/SJ
 Sample : K2465-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q-COMP-4.18.19

Quant Time: Apr 23 08:46:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142420	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	504375	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	247295	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	514897	20.00	ng	0.00
76) Chrysene-d12	14.06	240	443175	20.00	ng	-0.01
87) Perylene-d12	15.56	264	348703	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	670662	80.54	ng	0.00
7) Phenol-d6	6.52	99	837425	80.16	ng	0.00
23) Nitrobenzene-d5	7.45	82	462030	56.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	258373	85.77	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	946845	59.88	ng	0.00
79) Terphenyl-d14	13.00	244	1258565	58.22	ng	0.00

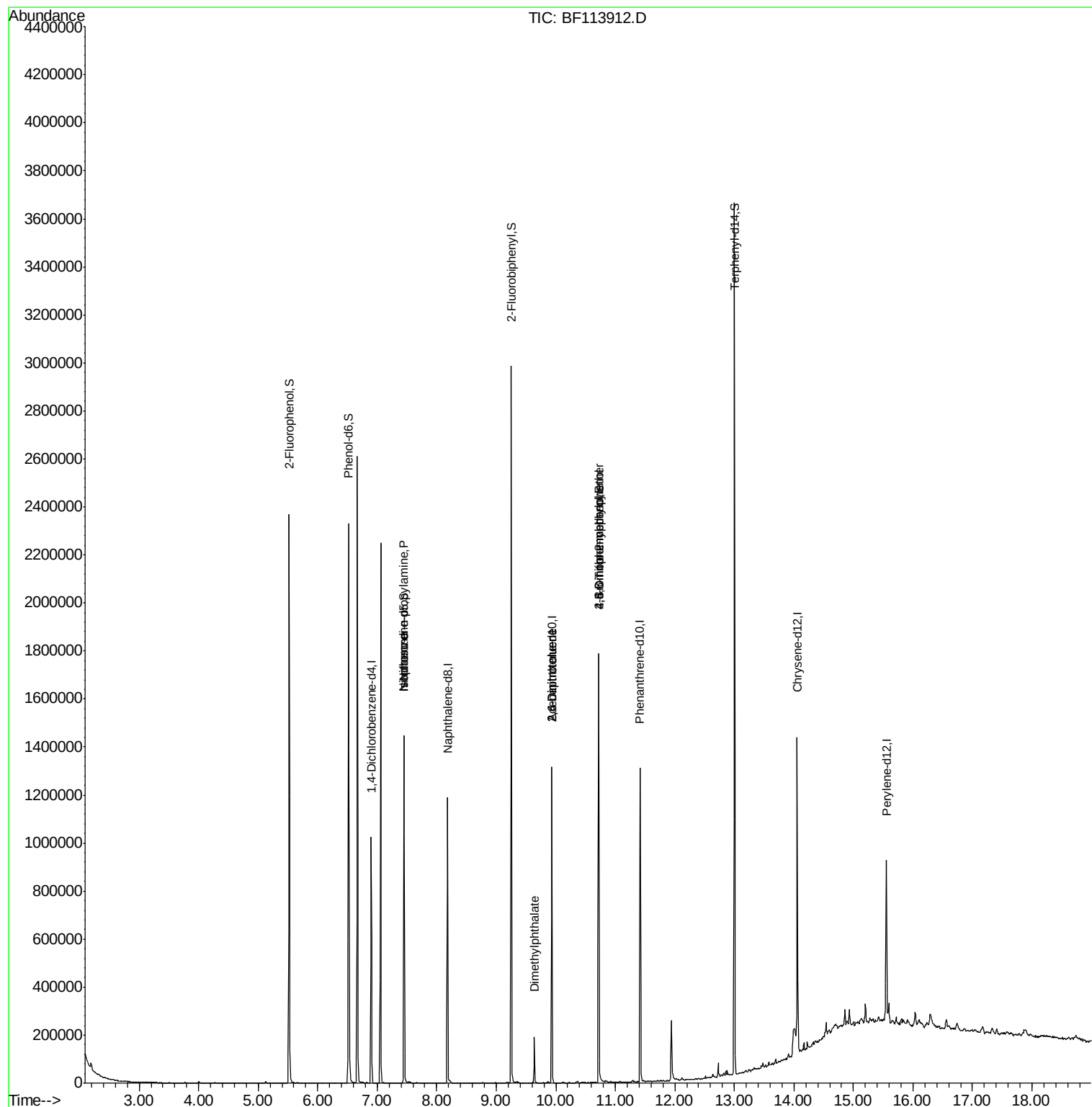
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1267	Below Cal		# 3
19) n-Nitroso-di-n-propylamine	7.45	70	60243	8.905	ng	# 79
25) Isophorone	7.45	82	462092	27.646	ng	# 65
50) Dimethylphthalate	9.64	163	76304	4.266	ng	# 98
51) 2,6-Dinitrotoluene	9.93	165	30912	8.056	ng	# 33
57) 2,4-Dinitrotoluene	9.93	165	30912	6.383	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.72	198	362	7.438	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	15841	2.547	ng	# 1

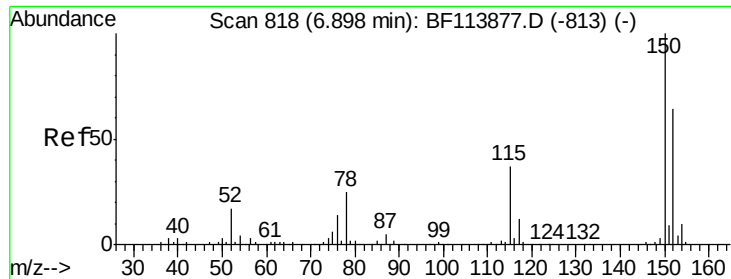
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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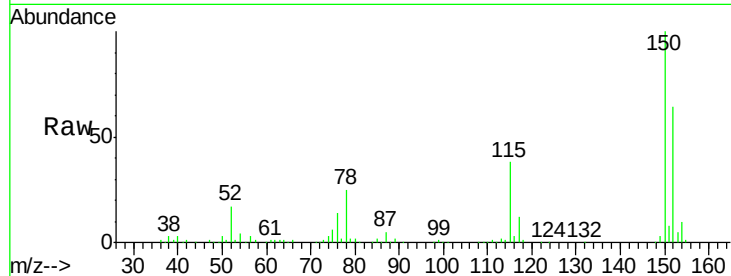


#1

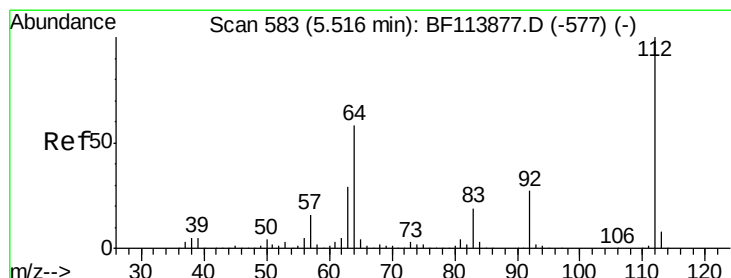
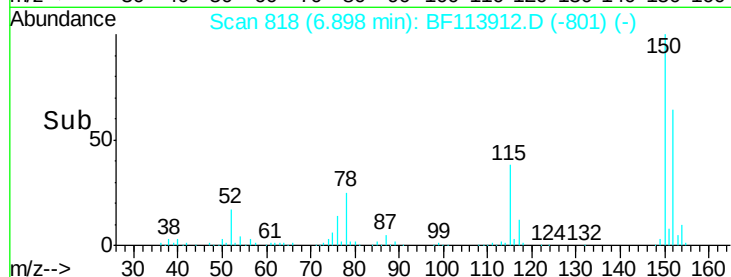
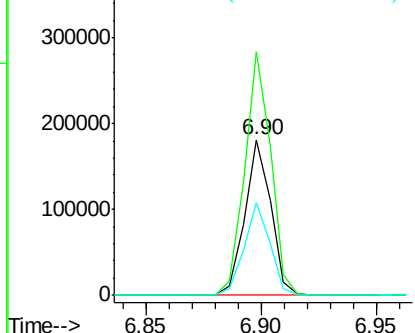
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tot Ion:152 Resp: 142420
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 59.1 45.9 68.9



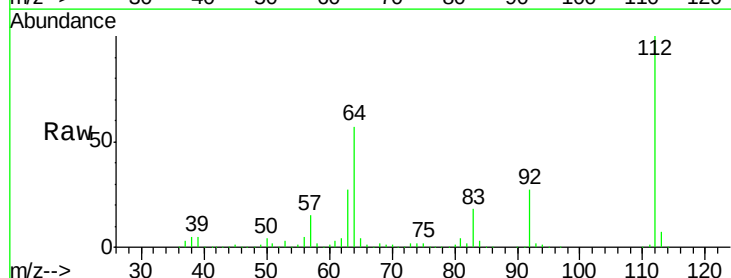
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



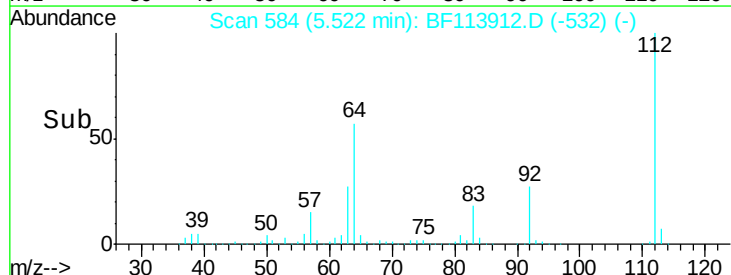
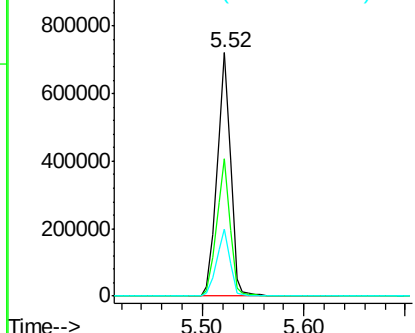
#5

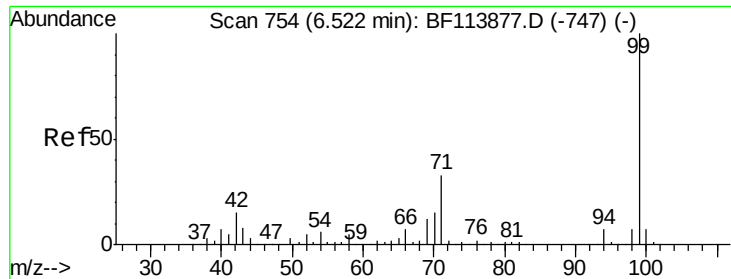
2-Fluorophenol
Concen: 80.541 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:112 Resp: 670662
Ion Ratio Lower Upper
112 100
64 56.5 46.6 69.8
63 27.4 23.1 34.7



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





#7

Phenol-d6

Concen: 80.159 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

Instrument :

BNA_F

ClientSampleId :

Q-COMP-4.18.19

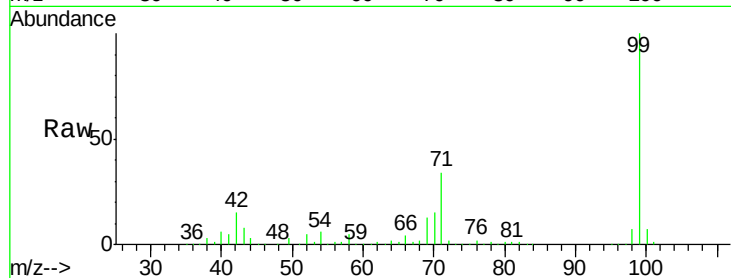
Tot Ion: 99 Resp: 837425

Ion Ratio Lower Upper

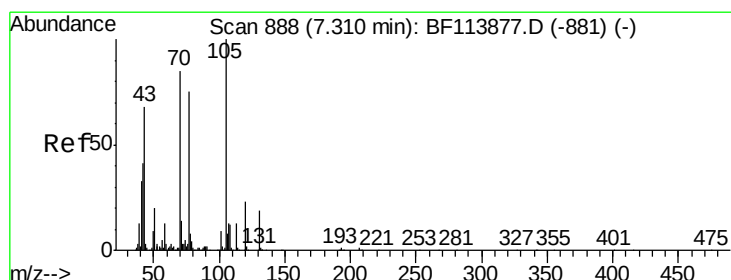
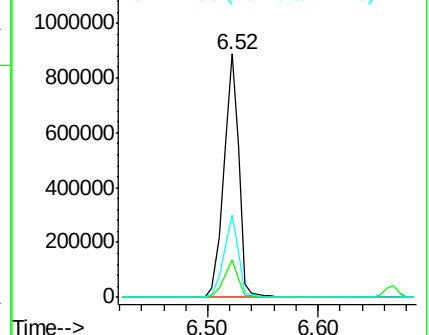
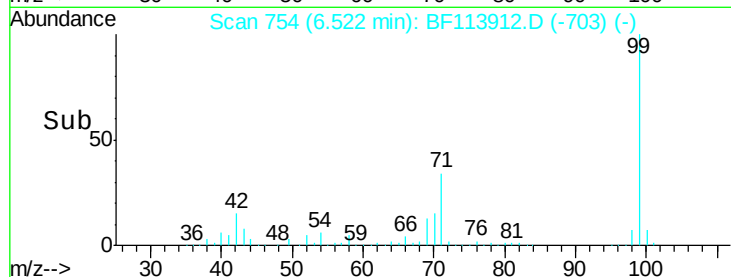
99 100

42 15.2 12.5 18.7

71 33.8 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.905 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

Tgt Ion: 70 Resp: 60243

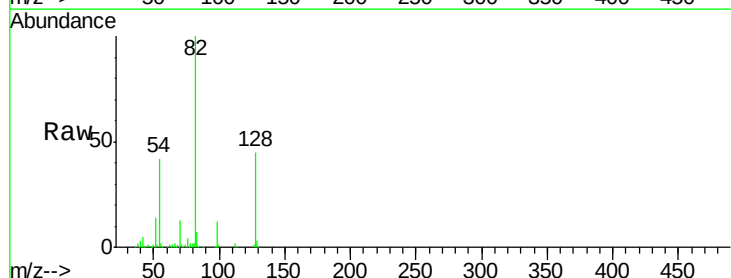
Ion Ratio Lower Upper

70 100

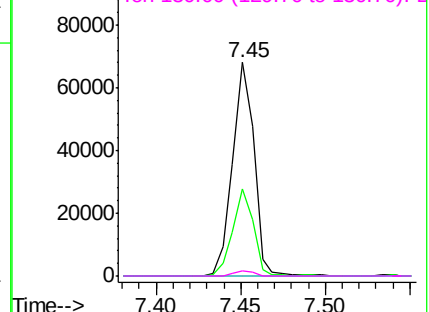
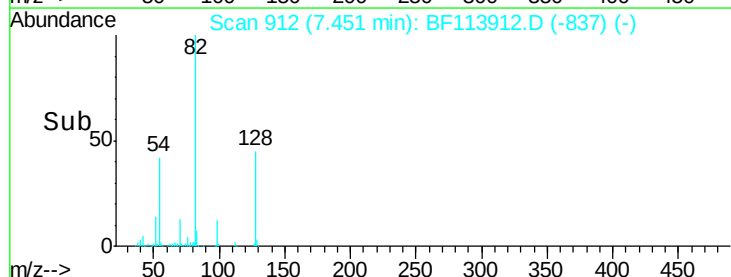
42 40.6 37.3 55.9

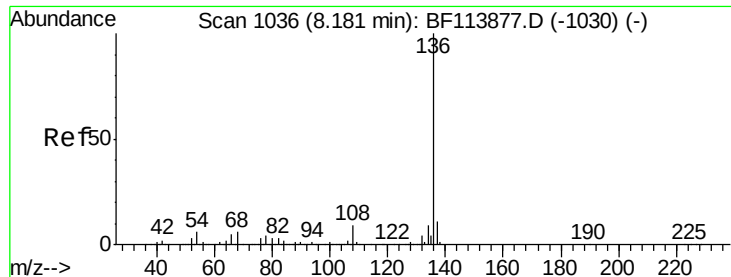
101 0.0 7.8 11.8#

130 2.4 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

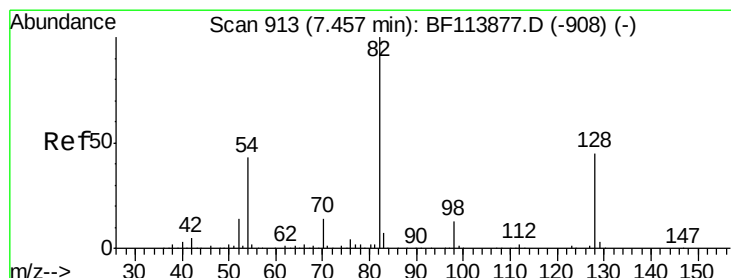
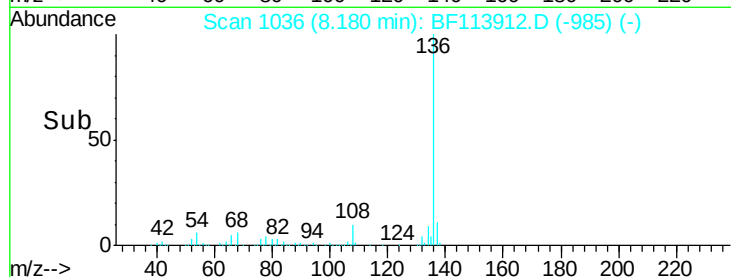
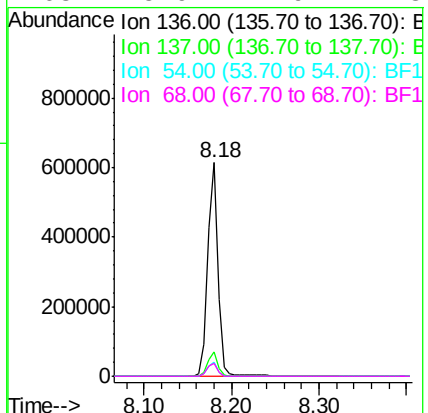
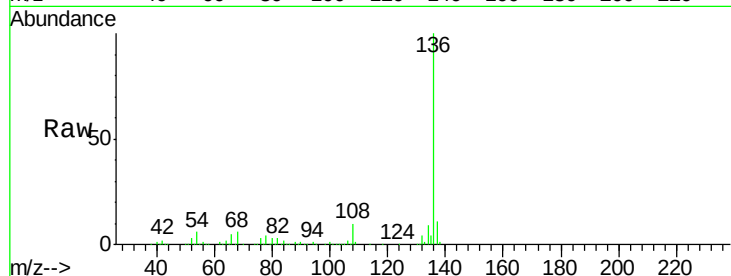




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

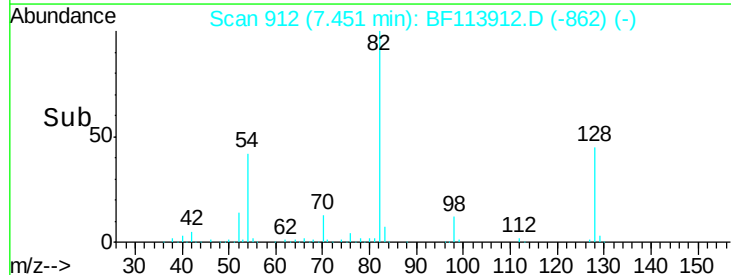
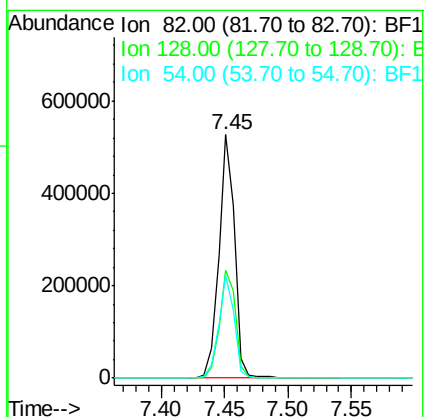
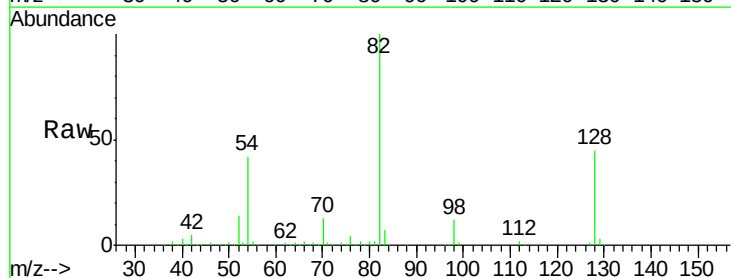
Instrument :
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ClientSampleId :
Q-COMP-4.18.19

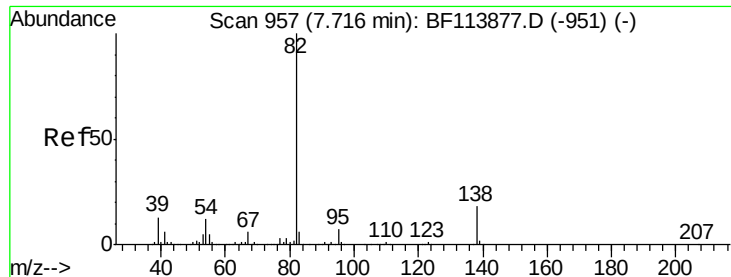
Tot Ion:136	Resp:	504375
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 12.8
54	6.4	5.0 7.6
68	5.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 56.560 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion: 82	Resp:	462030
Ion Ratio	Lower	Upper
82	100	
128	44.5	36.8 55.2
54	42.2	33.8 50.6





#25

Isophorone

Concen: 27.646 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

Instrument :

BNA_F

ClientSampleId :

Q-COMP-4.18.19

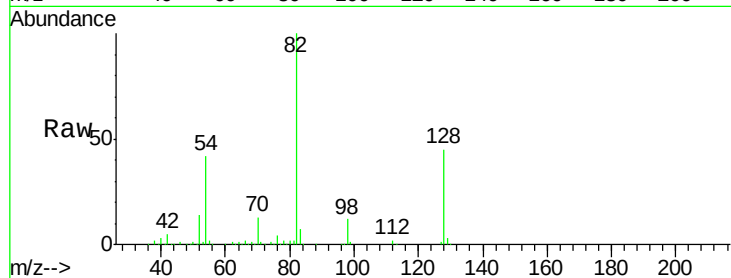
Tot Ion: 82 Resp: 462092

Ion Ratio Lower Upper

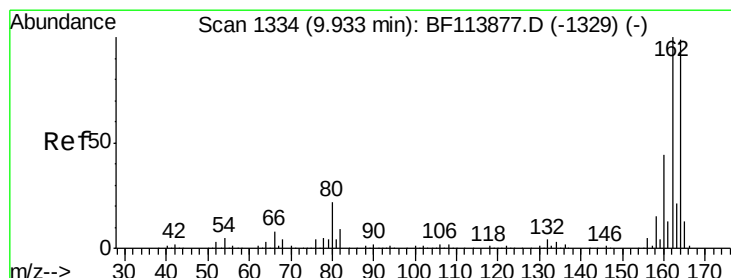
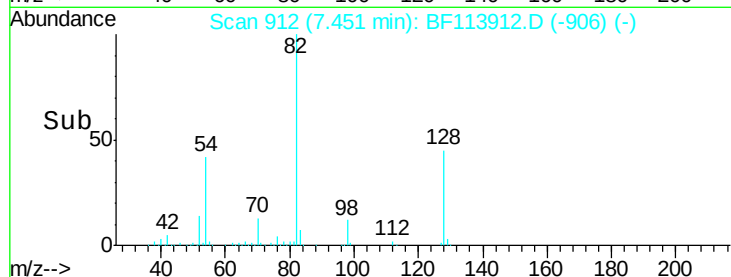
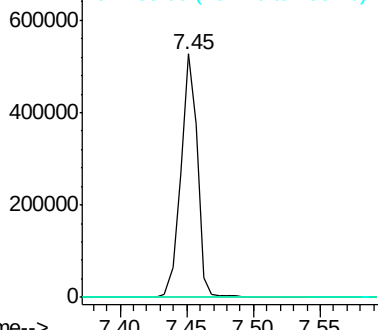
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

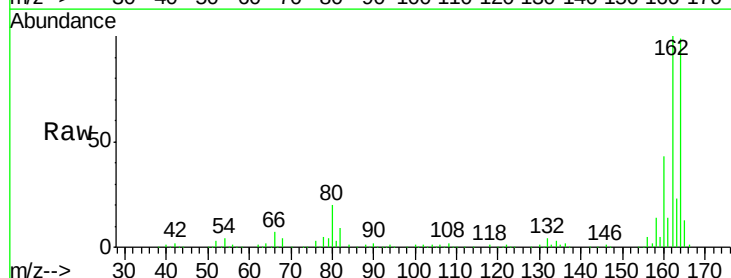
Tgt Ion:164 Resp: 247295

Ion Ratio Lower Upper

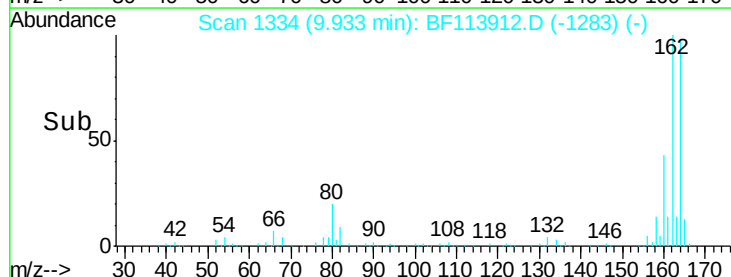
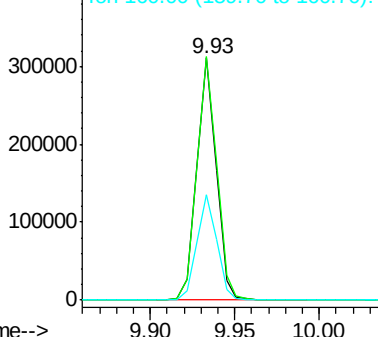
164 100

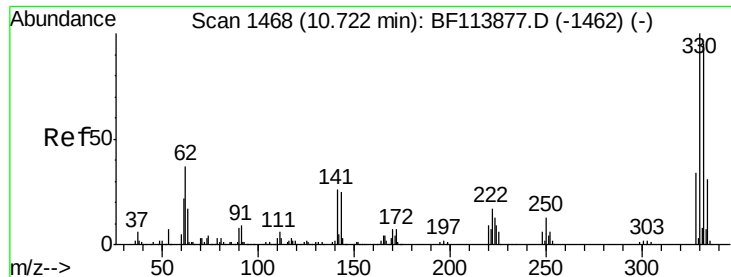
162 100.6 81.1 121.7

160 43.4 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 85.765 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

Instrument :

BNA_F

ClientSampleId :

Q-COMP-4.18.19

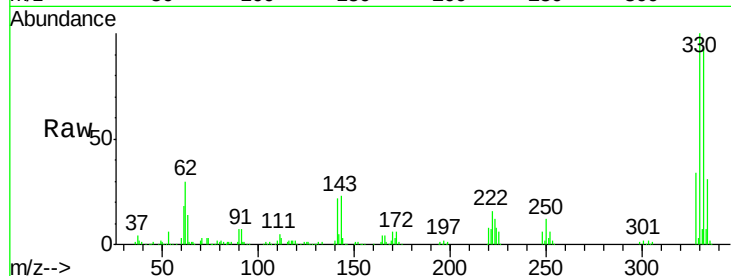
Tot Ion:330 Resp: 258373

Ion Ratio Lower Upper

330 100

332 94.9 77.5 116.3

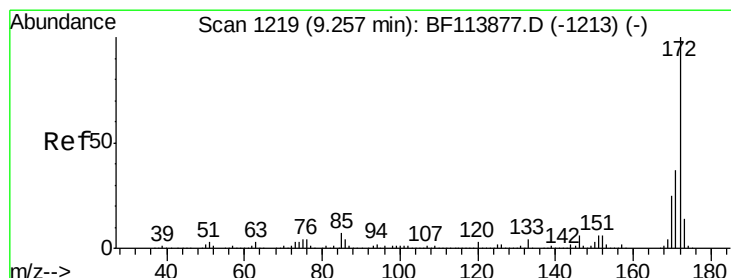
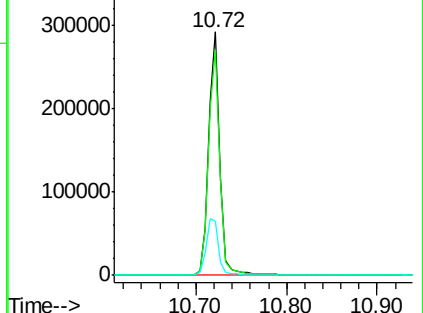
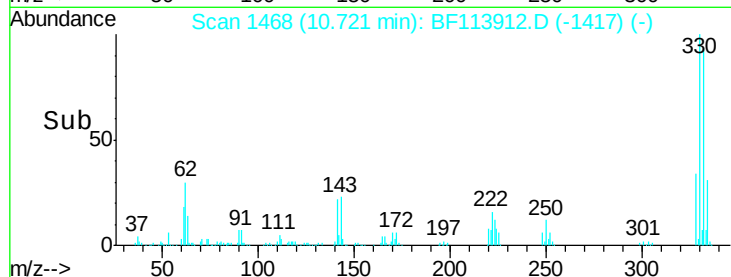
141 26.0 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 59.884 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

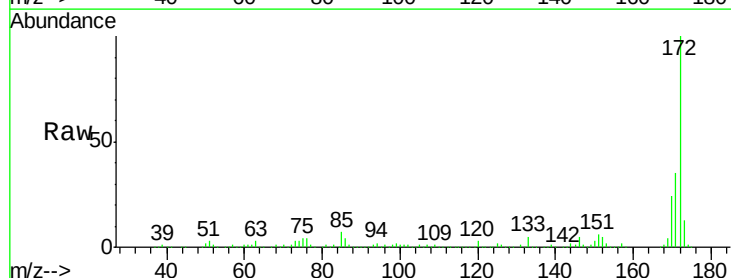
Tgt Ion:172 Resp: 946845

Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

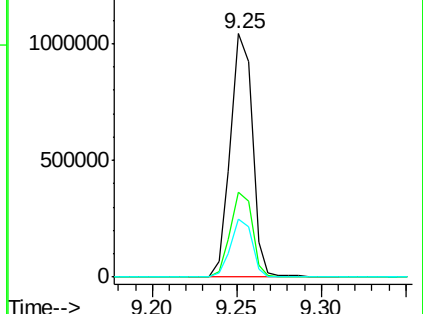
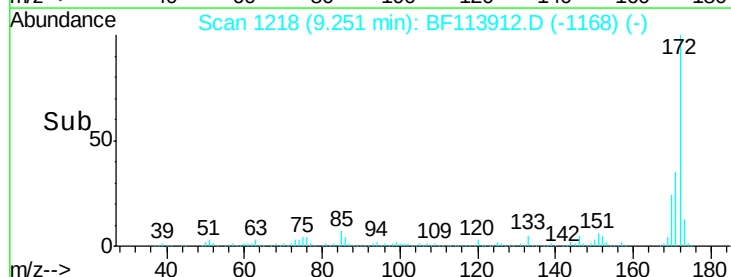
170 23.6 19.9 29.9

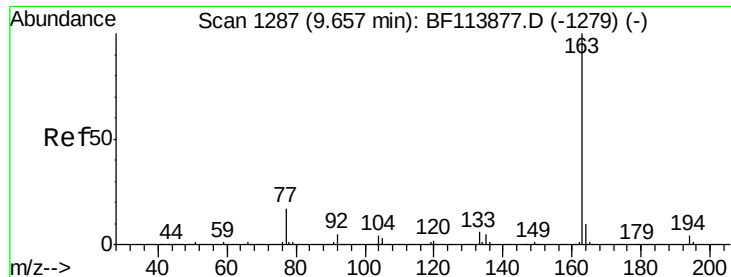


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

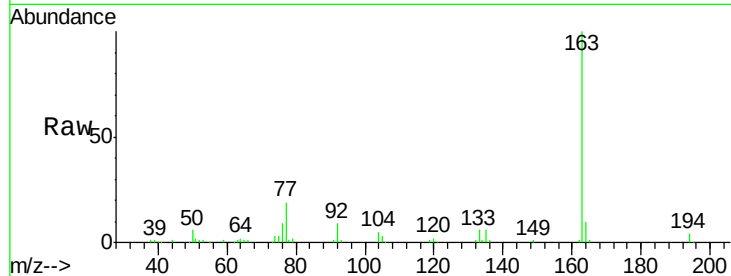




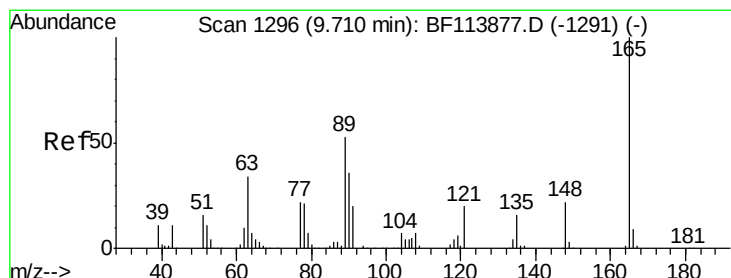
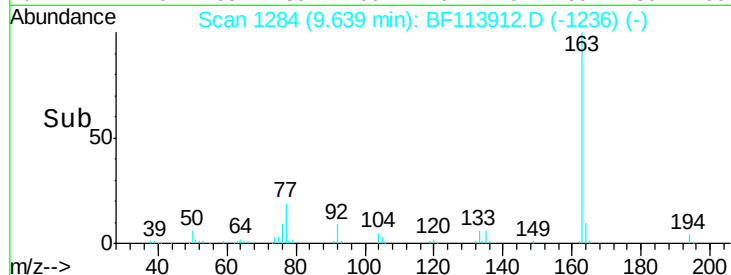
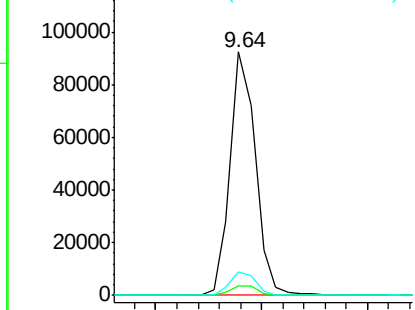
#50
Dimethylphthalate
Concen: 4.266 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
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Tot Ion:163 Resp: 76304
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.9 8.5 12.7

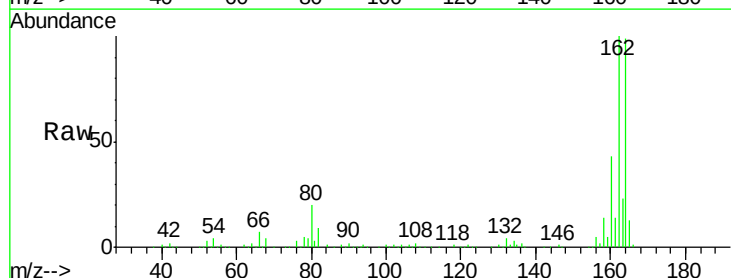


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

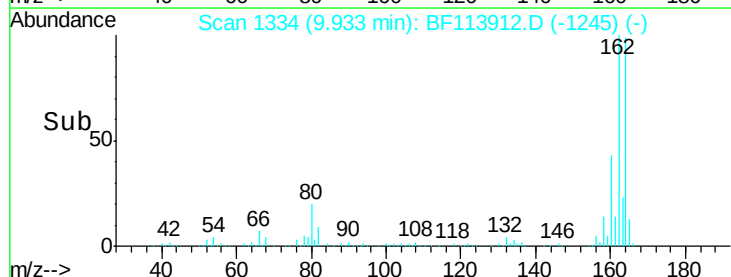
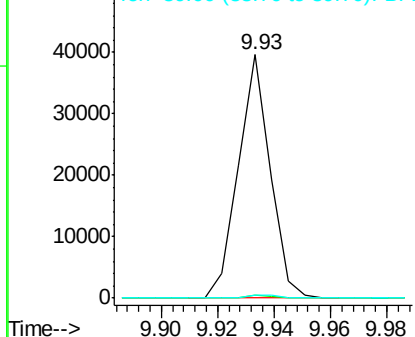


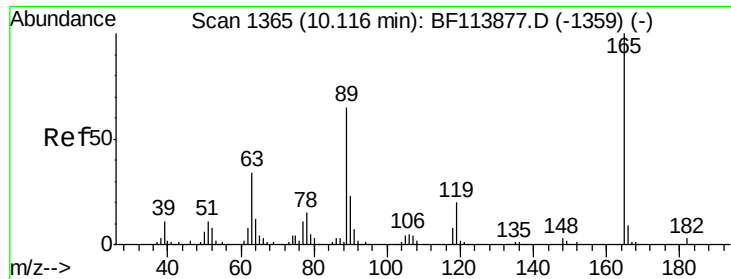
#51
2,6-Dinitrotoluene
Concen: 8.056 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:165 Resp: 30912
Ion Ratio Lower Upper
165 100
63 1.3 33.8 50.8#
89 1.2 38.2 57.2#



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

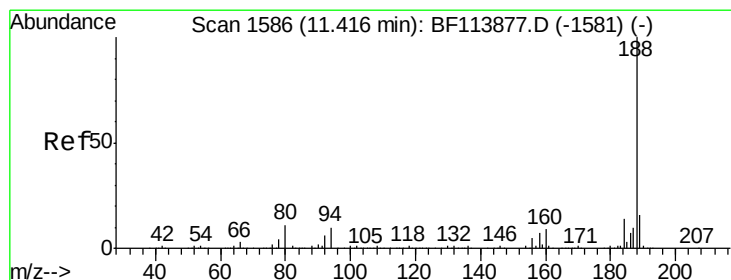
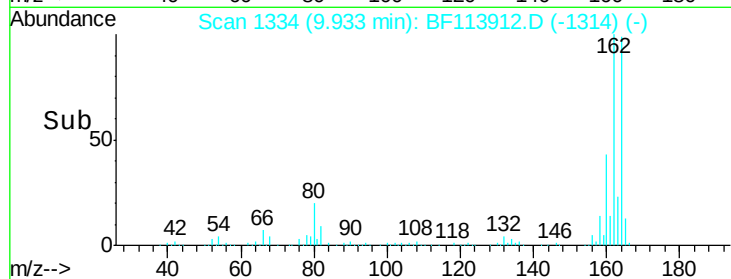
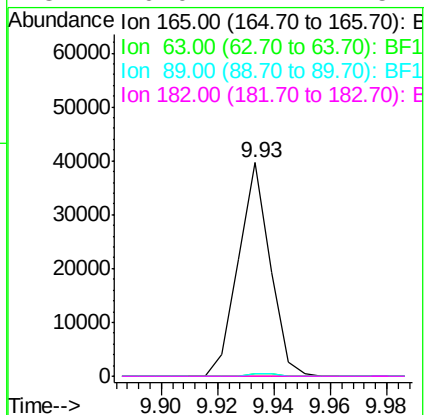
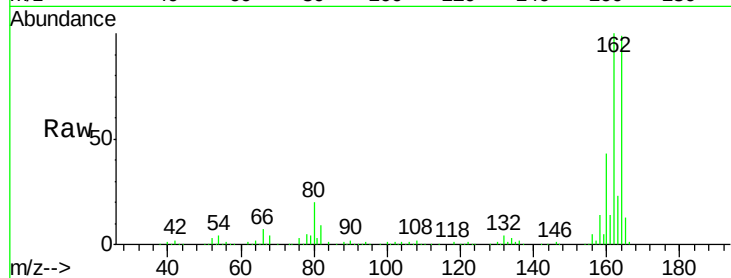




#57
 2,4-Dinitrotoluene
 Concen: 6.383 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF113912.D
 Acq: 23 Apr 2019 7:29

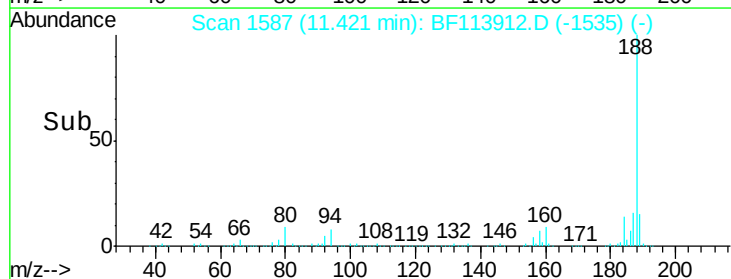
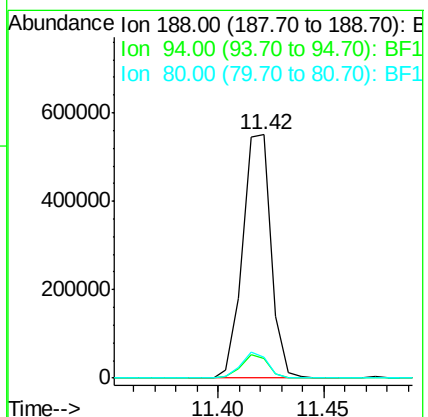
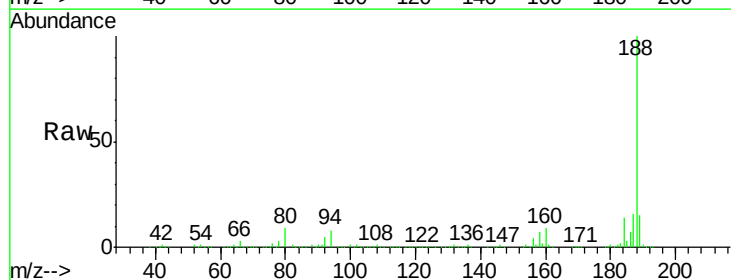
Instrument :
 BNA_F
 ClientSampleId :
 Q-COMP-4.18.19

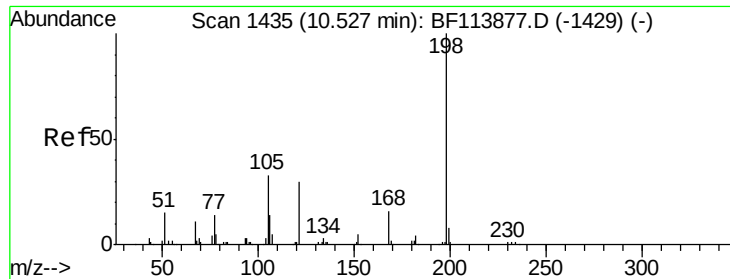
Tot Ion:165	Resp:	30912
Ion Ratio	Lower	Upper
165	100	
63	1.3	27.4 41.0#
89	1.2	51.8 77.6#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF113912.D
 Acq: 23 Apr 2019 7:29

Tgt Ion:188	Resp:	514897
Ion Ratio	Lower	Upper
188	100	
94	8.2	8.2 12.4#
80	8.7	9.0 13.6#

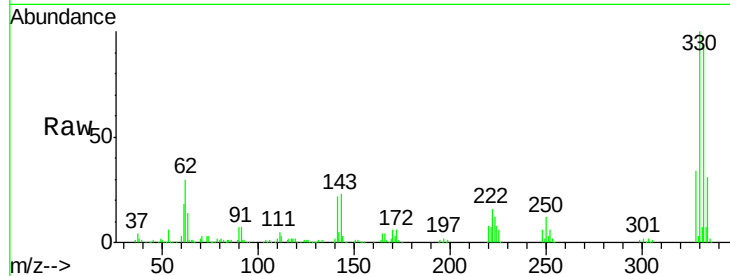




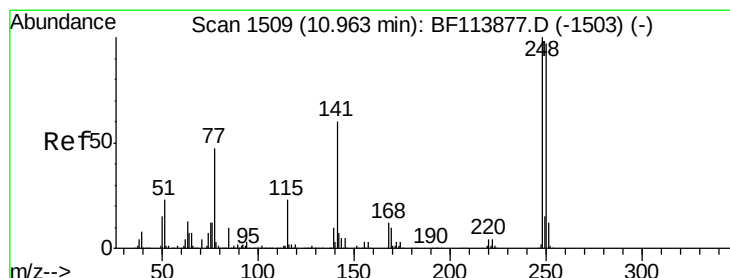
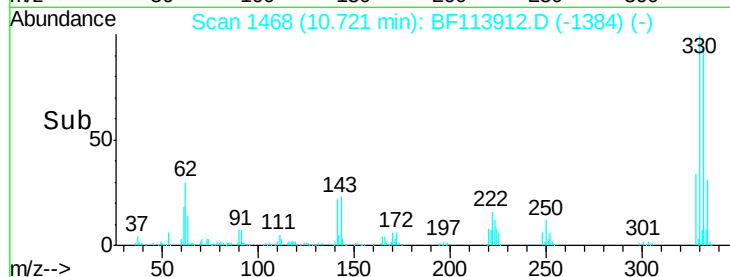
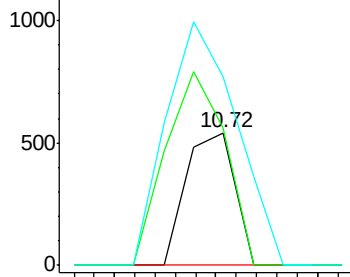
#65
4,6-Dinitro-2-methylphenol
Concen: 7.438 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tot Ion:198 Resp: 362
Ion Ratio Lower Upper
198 100
51 103.9 11.1 51.1#
105 142.4 20.7 60.7#

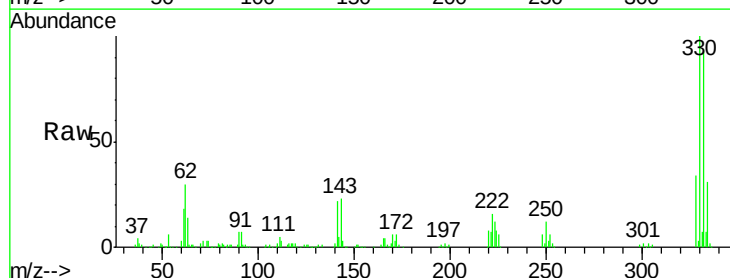


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

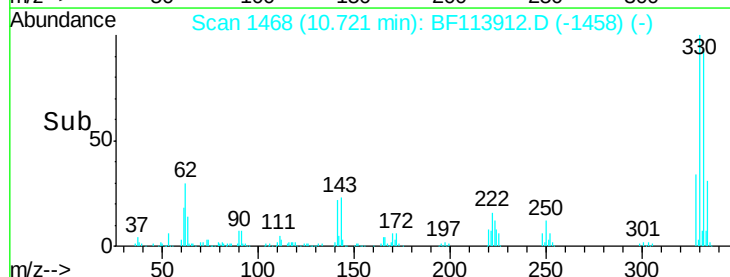
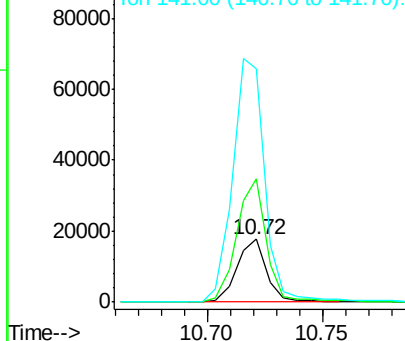


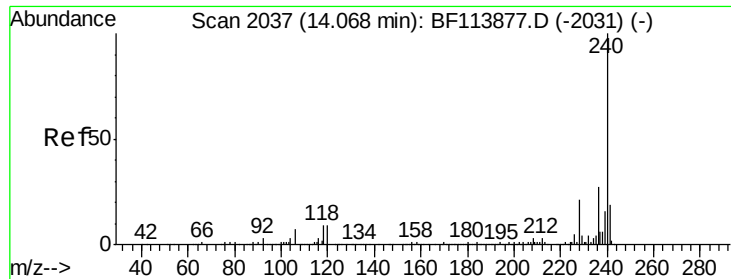
#67
4-Bromophenyl-phenylether
Concen: 2.547 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:248 Resp: 15841
Ion Ratio Lower Upper
248 100
250 196.0 75.8 113.6#
141 371.5 50.2 75.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

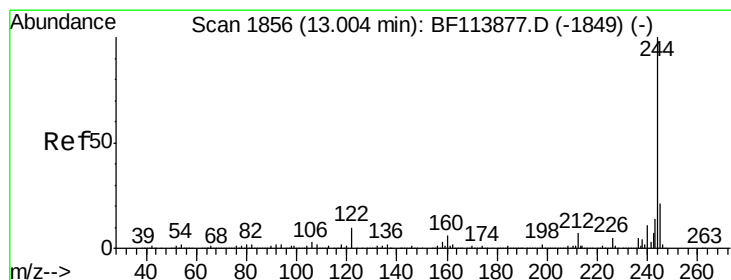
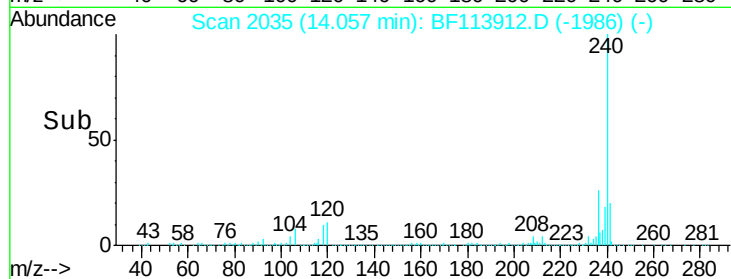
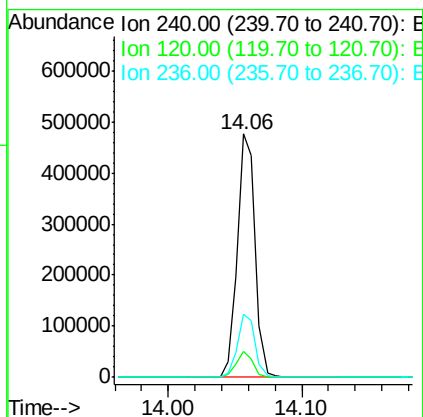
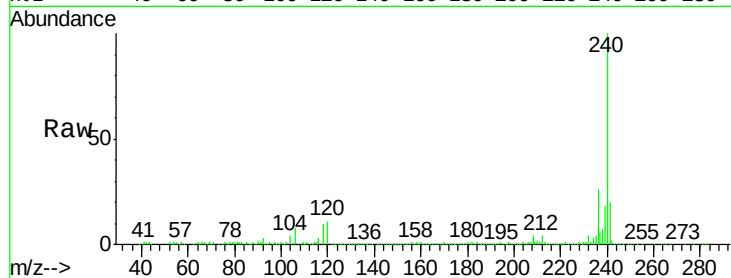




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

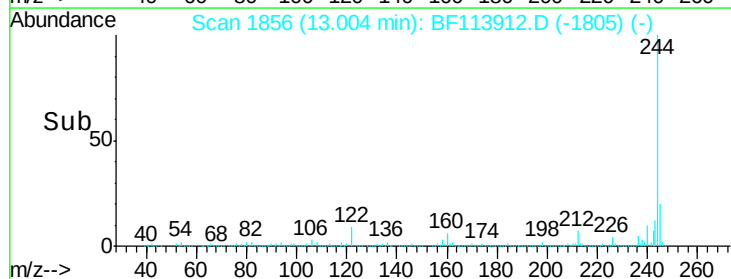
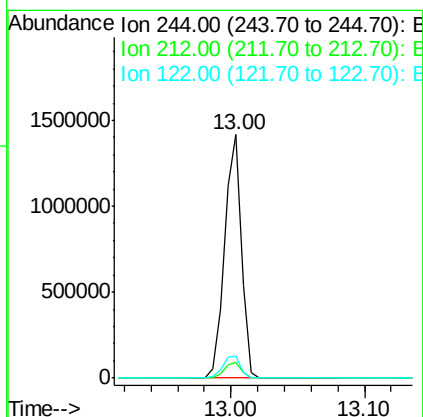
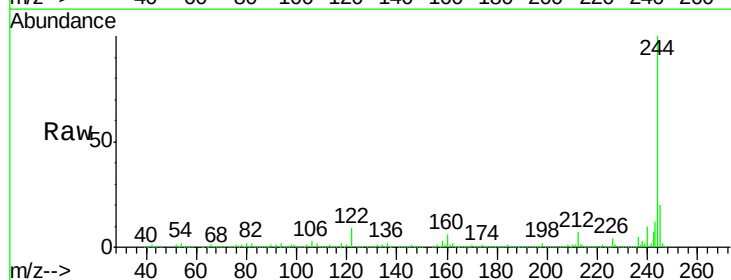
Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

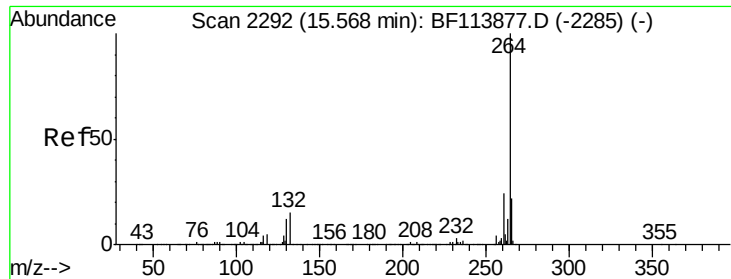
Tot Ion:240 Resp: 443175
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 26.1 21.2 31.8



#79
Terphenyl-d14
Concen: 58.221 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:244 Resp: 1258565
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 9.4 7.6 11.4

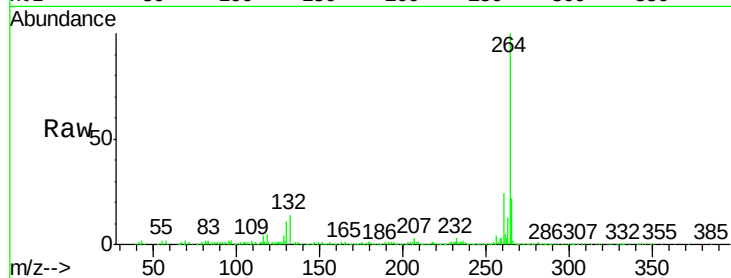




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.5	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

