

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113165.D
 Acq On : 20 Mar 2019 12:22
 Operator : JU/SJ
 Sample : K1971-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 08:56:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

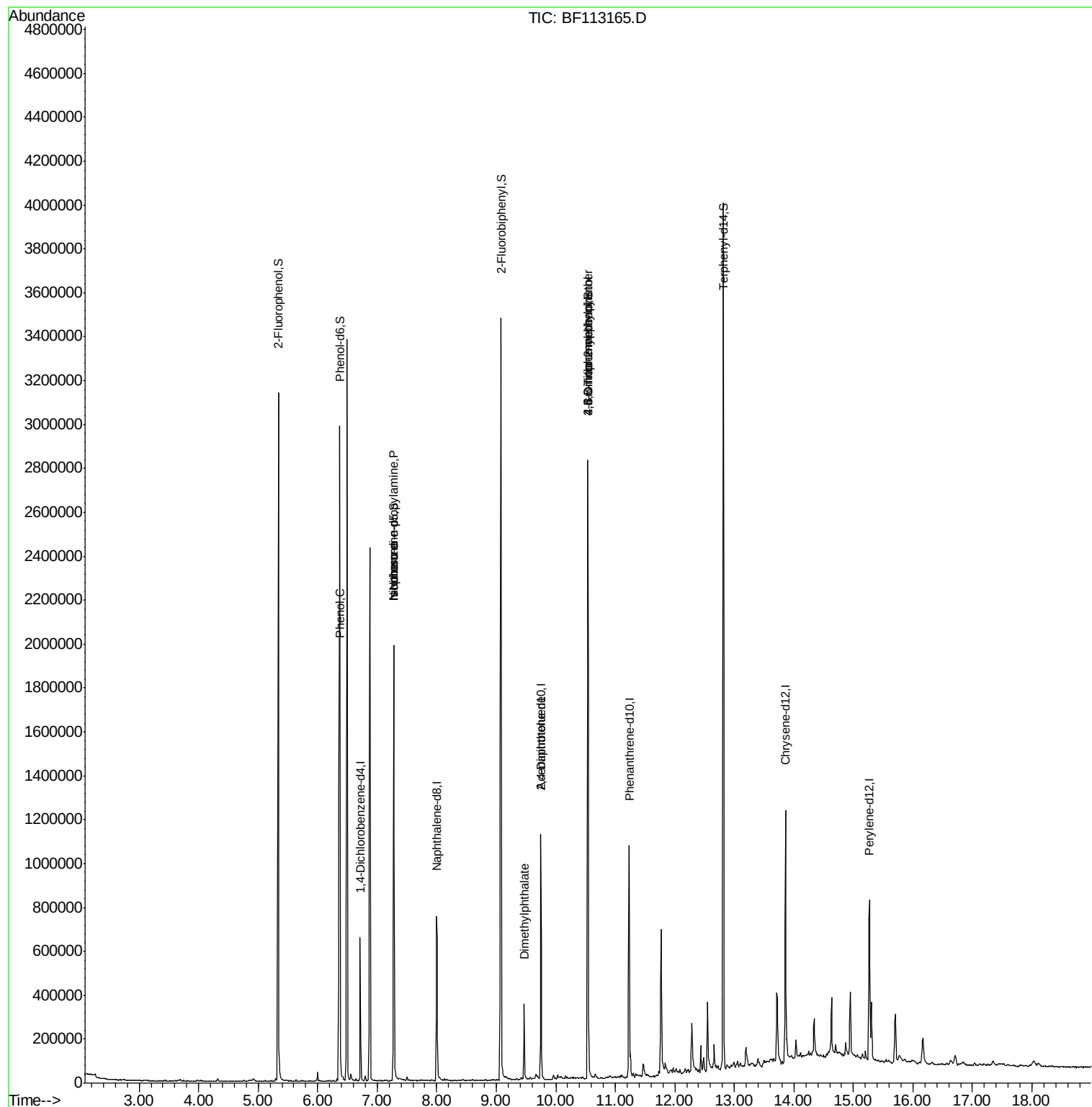
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	102098	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	380672	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	212382	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	441630	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	429727	20.00	ng	-0.01
87) Perylene-d12	15.27	264	337305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	924644	140.88	ng	0.00
7) Phenol-d6	6.37	99	1148115	139.25	ng	0.00
23) Nitrobenzene-d5	7.28	82	655042	102.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	390262	173.09	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1206407	98.07	ng	-0.01
79) Terphenyl-d14	12.82	244	1423271	64.20	ng	0.00
Target Compounds						
10) Phenol	6.38	94	70453	7.323	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	86834	16.629	ng	# 76
25) Isophorone	7.28	82	655032	47.794	ng	# 66
50) Dimethylphthalate	9.47	163	131903	8.423	ng	98
57) 2,4-Dinitrotoluene	9.75	165	27342	6.745	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	632	4.928	ng	# 3
67) 4-Bromophenyl-phenylether	10.54	248	22701	4.880	ng	# 1

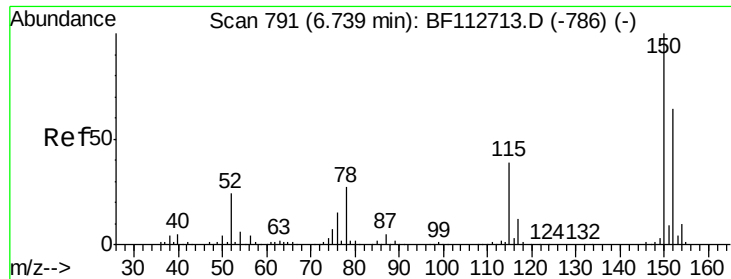
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



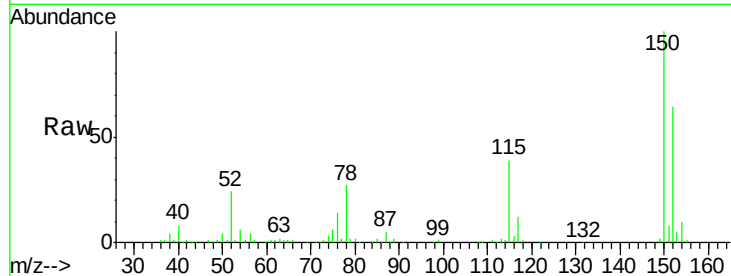


#1

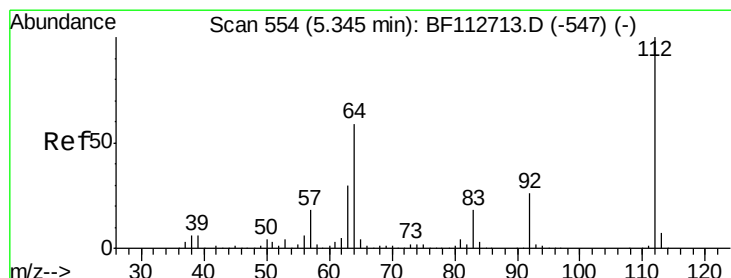
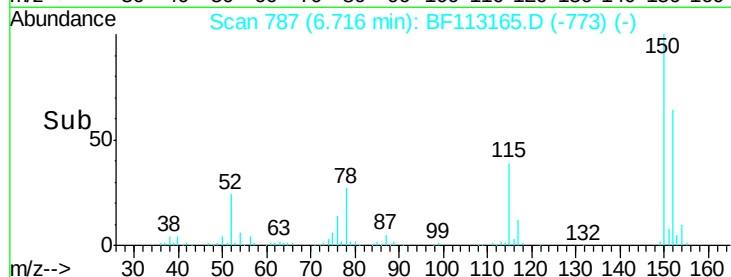
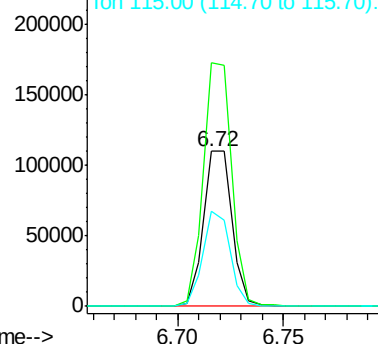
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 102098
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 61.7 48.2 72.4



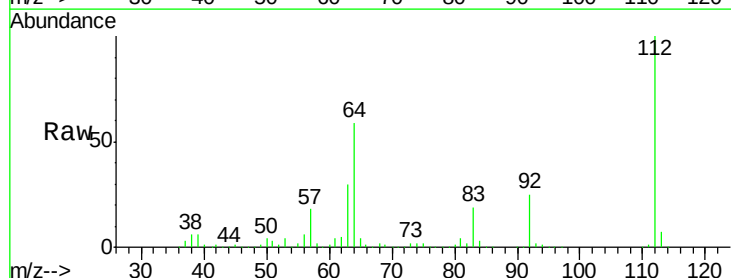
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



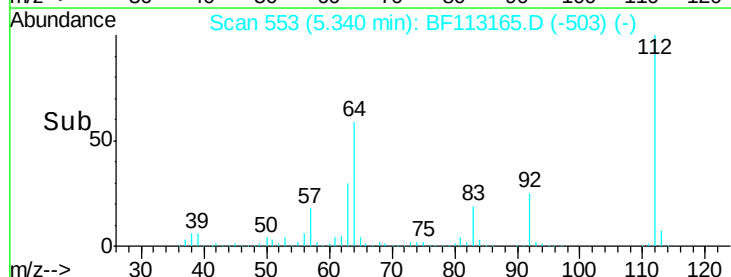
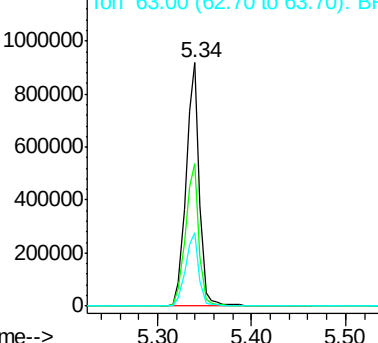
#5

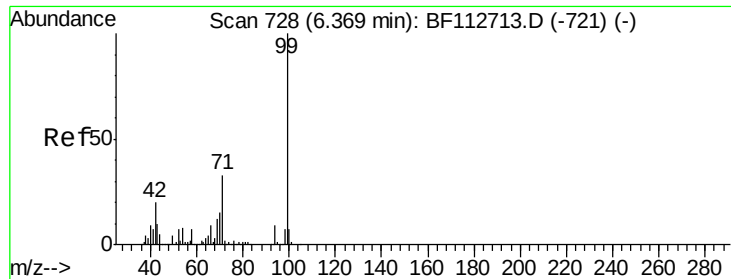
2-Fluorophenol
Concen: 140.877 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Tgt Ion:112 Resp: 924644
Ion Ratio Lower Upper
112 100
64 58.8 47.6 71.4
63 30.1 24.4 36.6



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: 139.253 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

Instrument :

BNA_F

ClientSampleId :

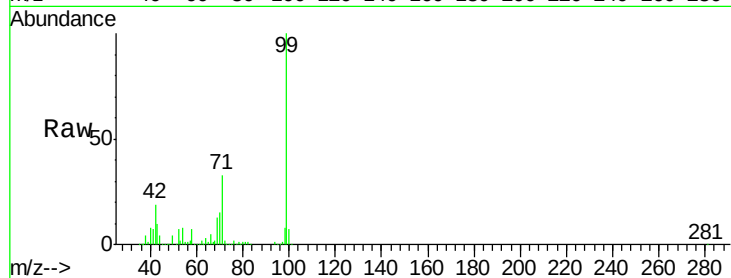
Tot Ion: 99 Resp: 1148115

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

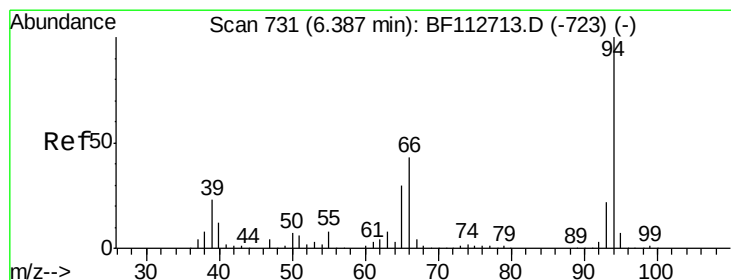
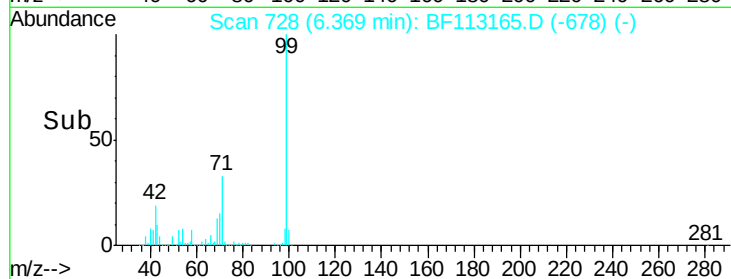
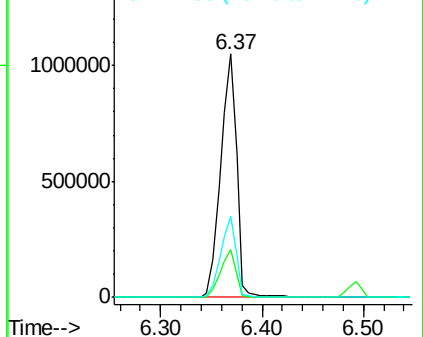
71 33.1 26.2 39.4



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



#10

Phenol

Concen: 7.323 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

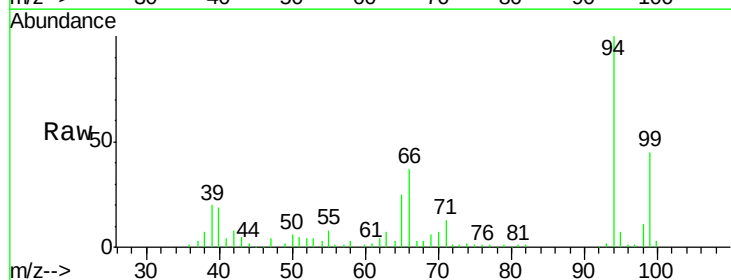
Tgt Ion: 94 Resp: 70453

Ion Ratio Lower Upper

94 100

65 25.5 10.5 50.5

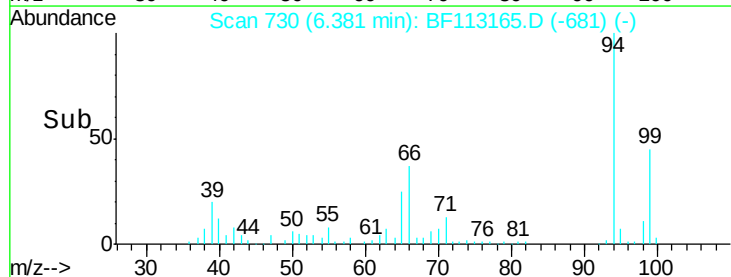
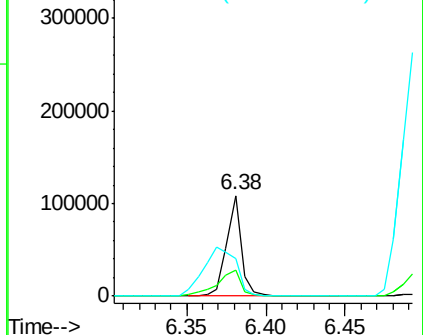
66 36.9 22.6 62.6

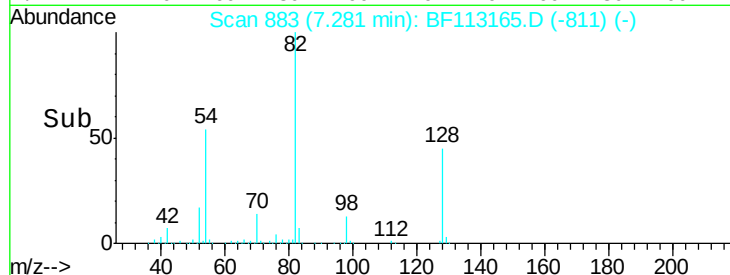
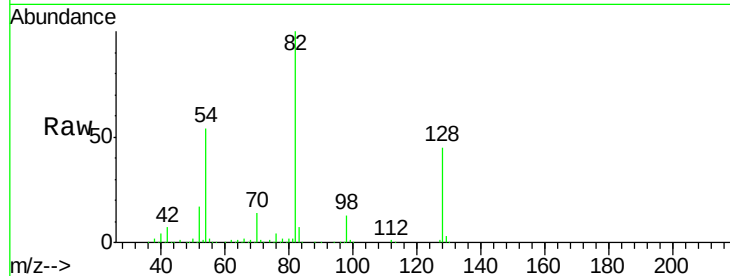
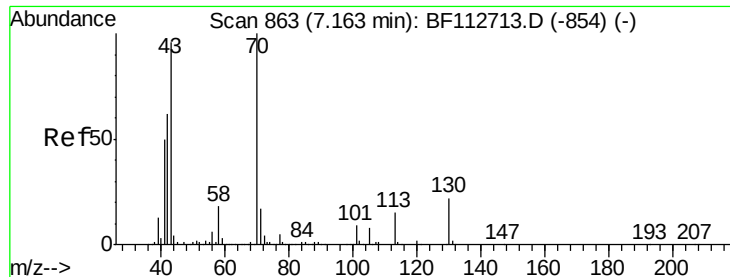


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

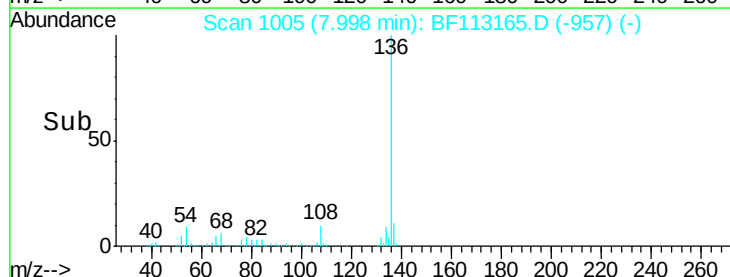
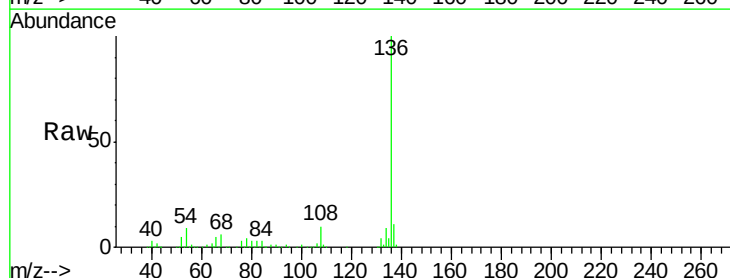
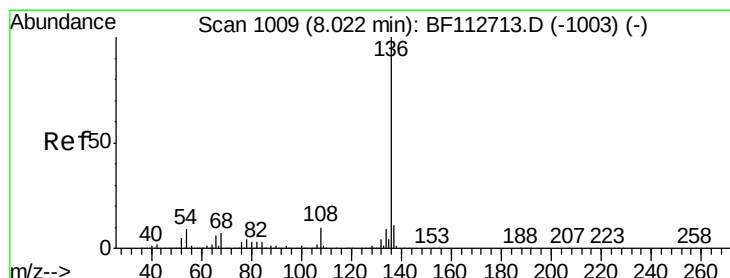
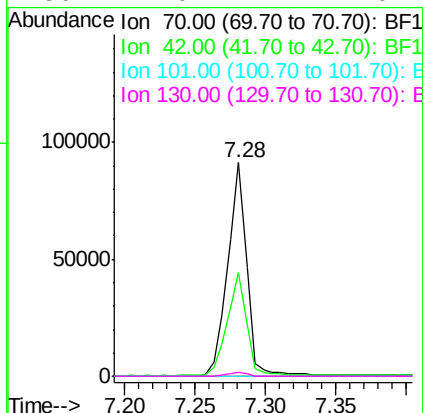




#19
n-Nitroso-di-n-propylamine
Concen: 16.629 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

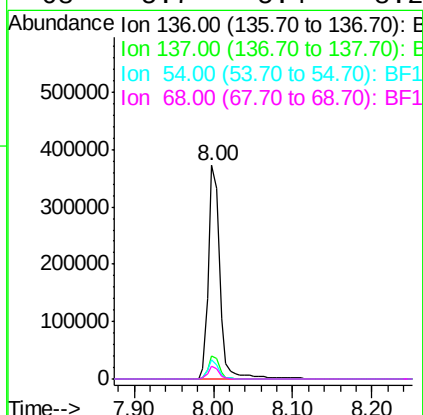
Instrument :
BNA_F
ClientSampleId :

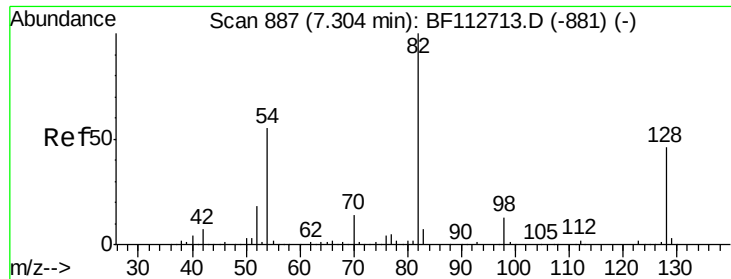
Tot Ion:	70	Resp:	86834
Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.9	74.9#
101	0.0	7.4	11.2#
130	2.0	17.4	26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Tgt Ion:	136	Resp:	380672
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.3	10.9
68	5.7	5.4	8.2

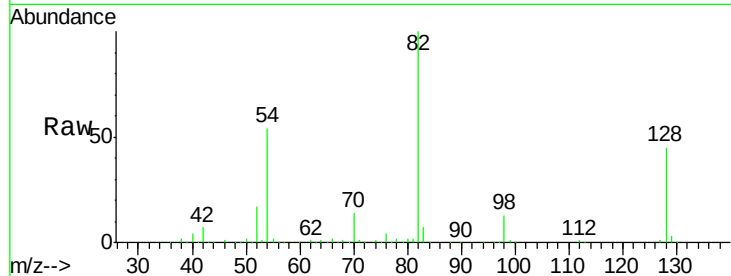




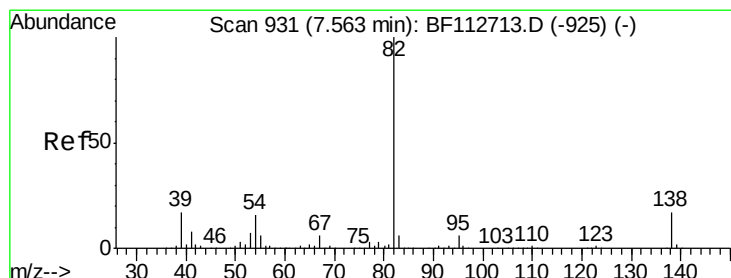
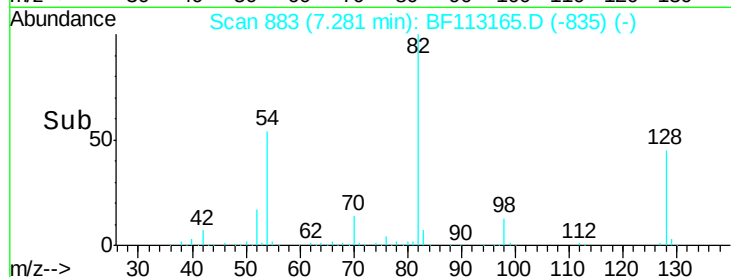
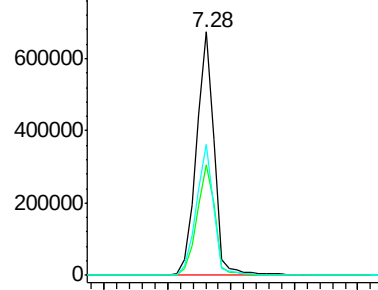
#23
Nitrobenzene-d5
Concen: 102.966 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 655042
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 53.6 43.7 65.5

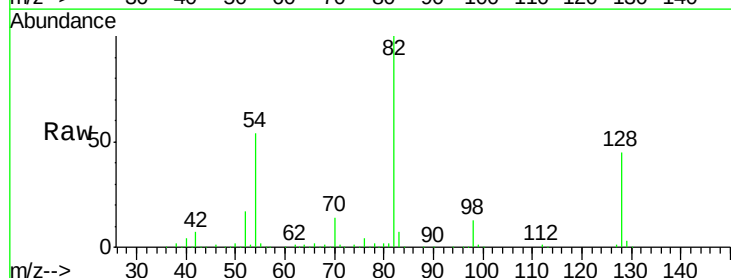


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

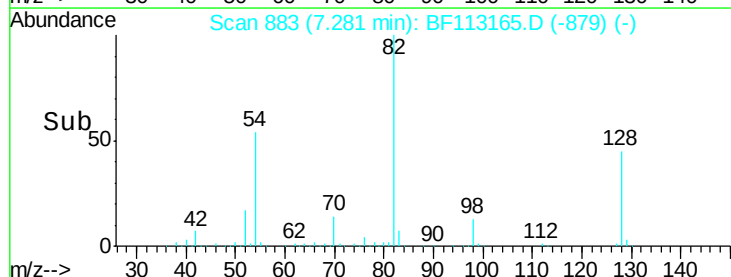
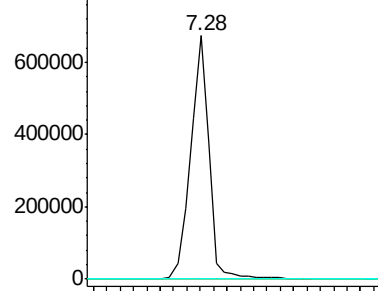


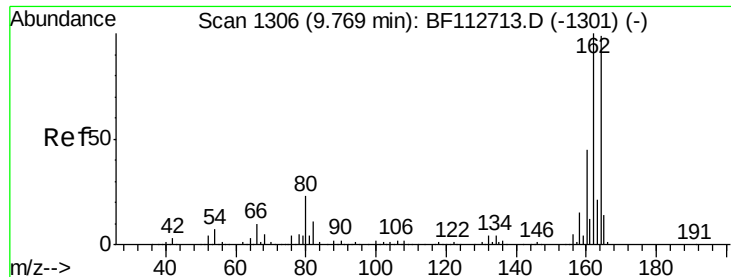
#25
Isophorone
Concen: 47.794 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Tgt Ion: 82 Resp: 655032
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



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

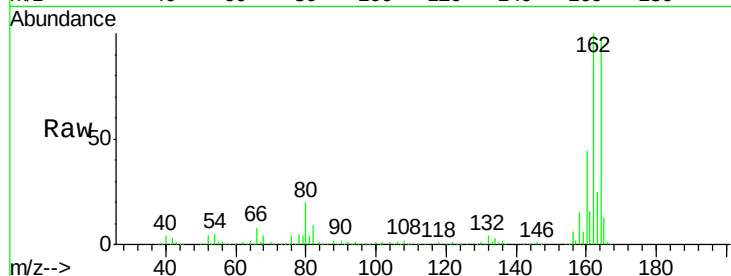




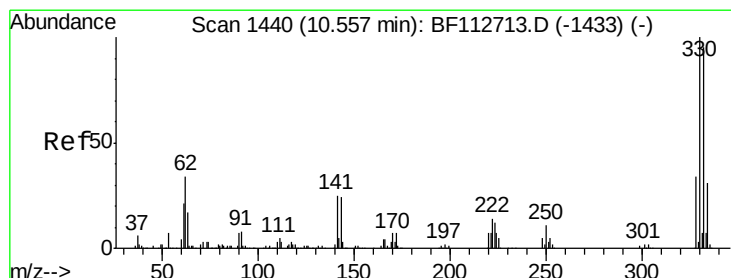
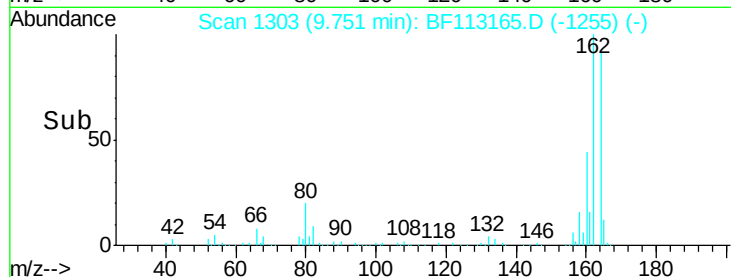
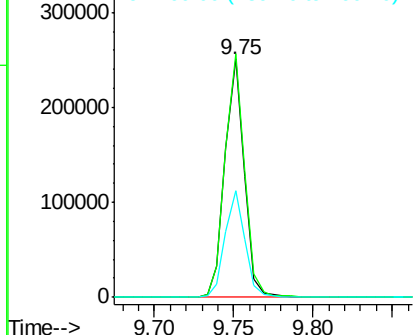
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 212382
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 120.8
 160 44.7 36.0 54.0

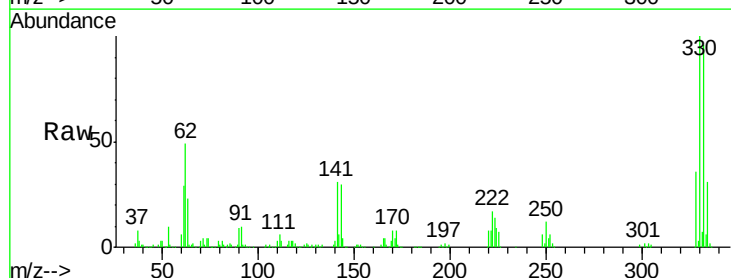


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

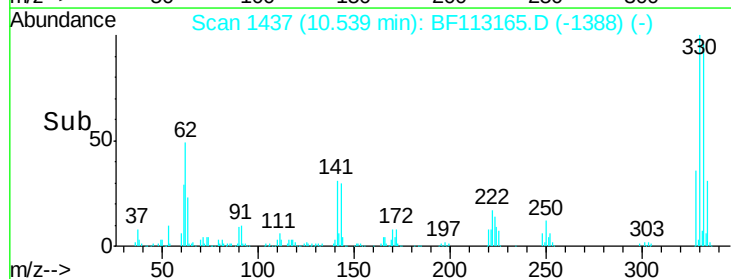
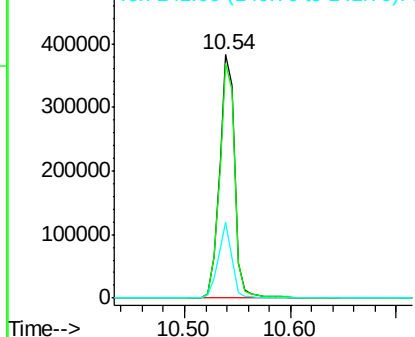


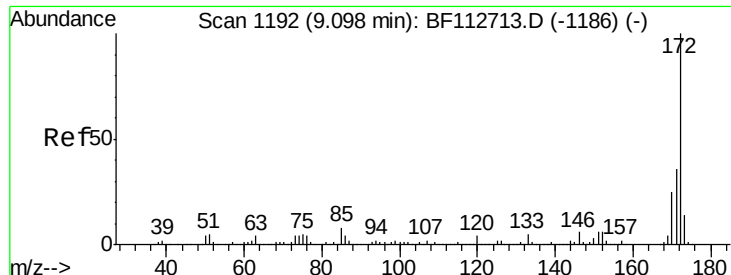
#42
 2,4,6-Tribromophenol
 Concen: 173.088 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

Tgt Ion:330 Resp: 390262
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 28.8 27.0 40.6



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

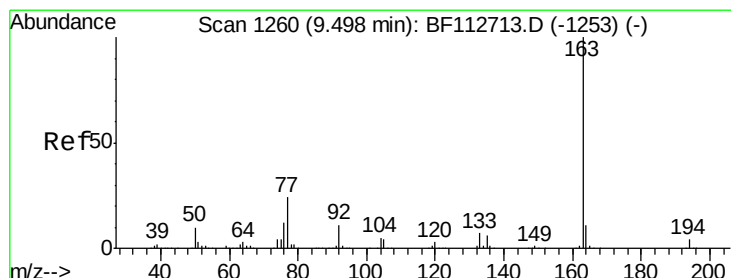
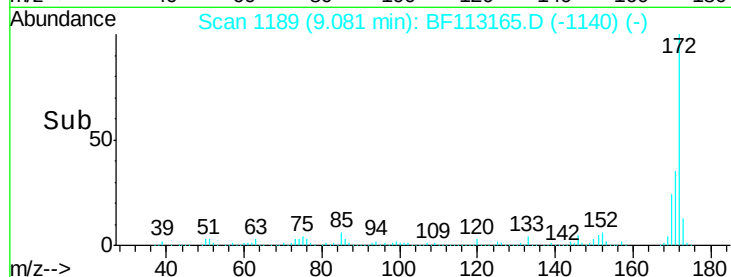
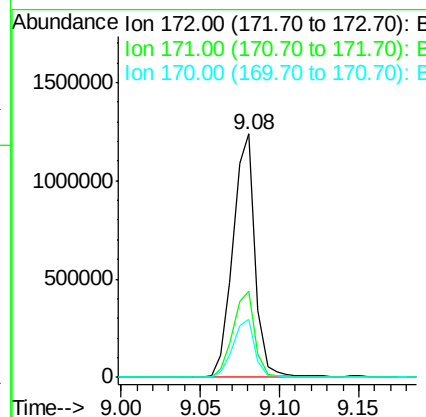
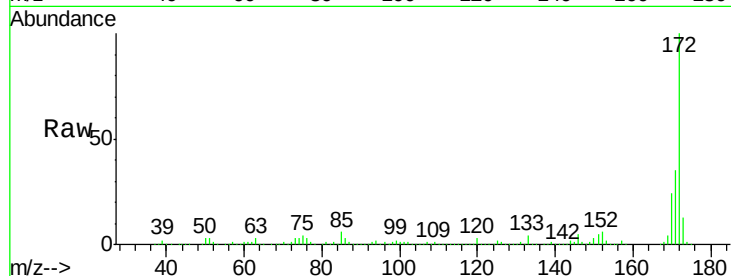




#45
2-Fluorobiphenyl
Concen: 98.070 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

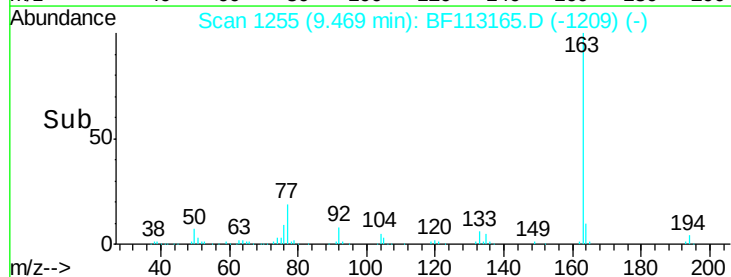
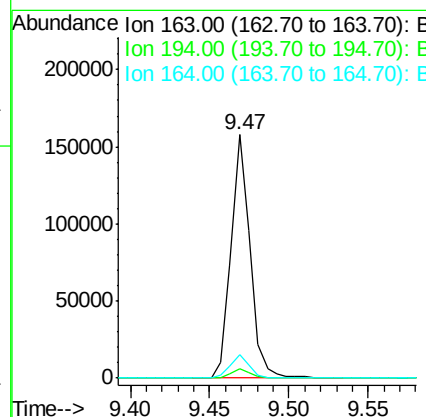
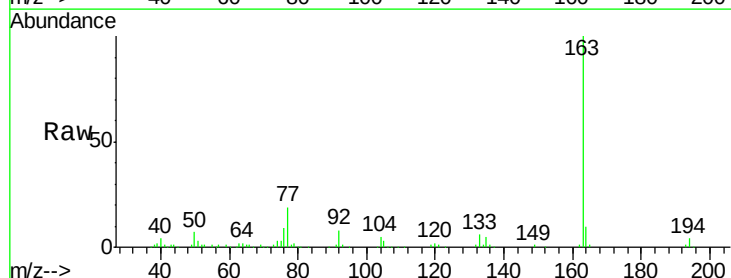
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BNA_F
ClientSampleId :

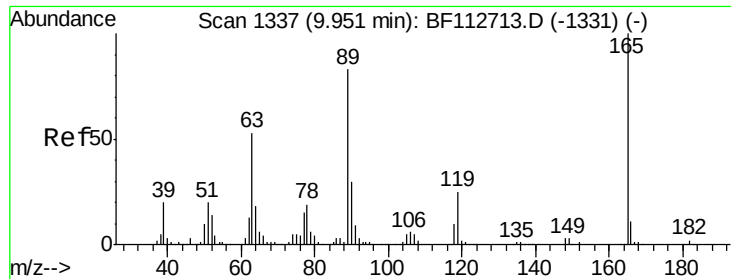
Tot Ion:172 Resp: 1206407
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.7 20.0 30.0



#50
Dimethylphthalate
Concen: 8.423 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Tgt Ion:163 Resp: 131903
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.8 8.4 12.6

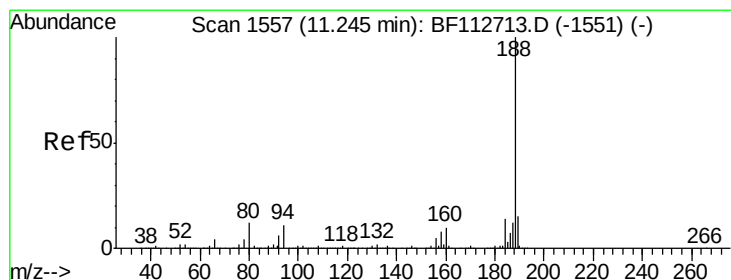
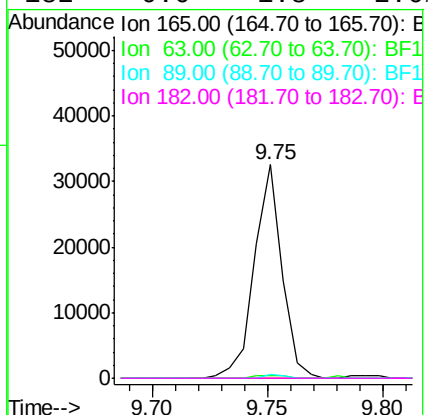
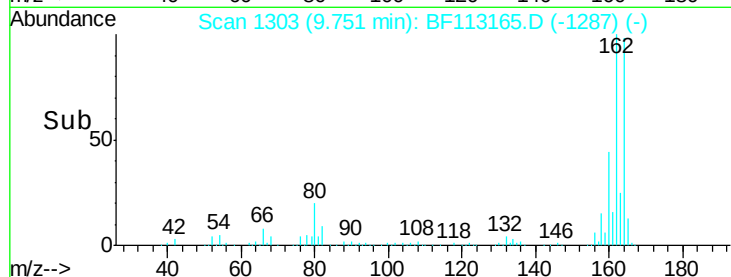
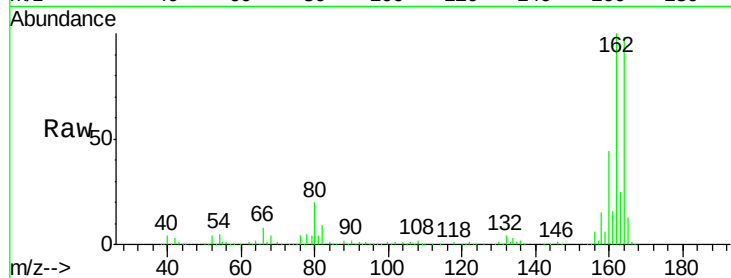




#57
 2,4-Dinitrotoluene
 Concen: 6.745 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

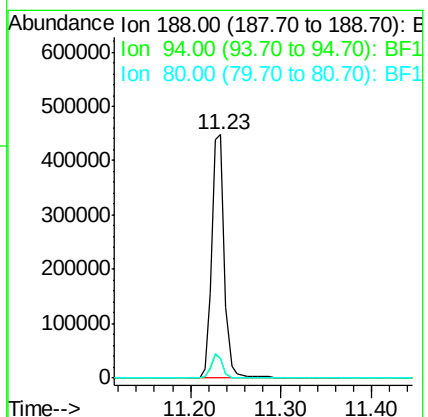
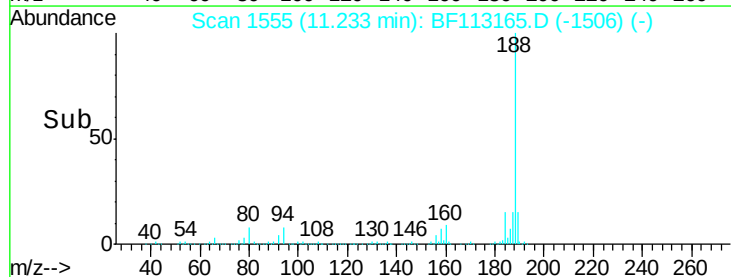
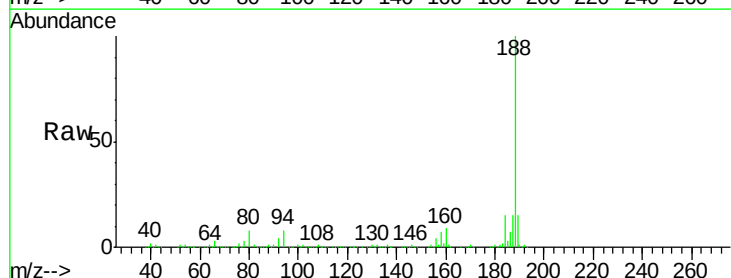
Instrument :
 BNA_F
 ClientSampled :

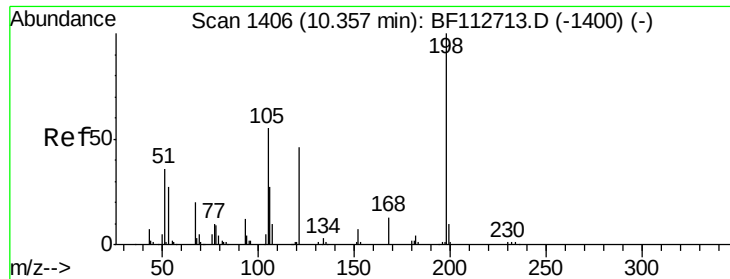
Tot Ion:165	Resp:	27342
Ion Ratio	Lower	Upper
165	100	
63	1.1	42.2 63.2#
89	1.8	66.2 99.4#
182	0.0	1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

Tgt Ion:188	Resp:	441630
Ion Ratio	Lower	Upper
188	100	
94	8.0	9.0 13.4#
80	8.3	9.2 13.8#

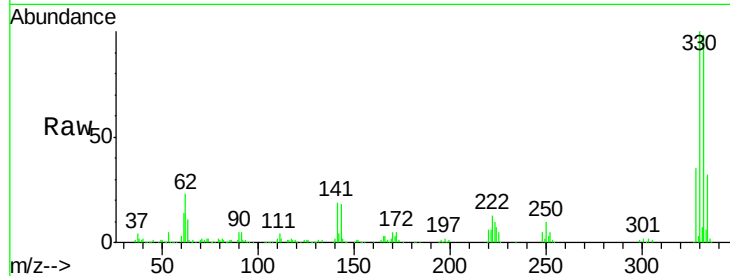




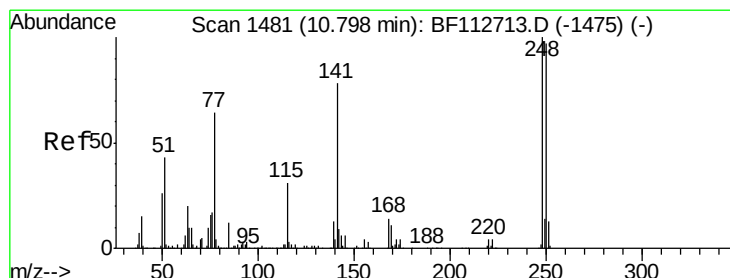
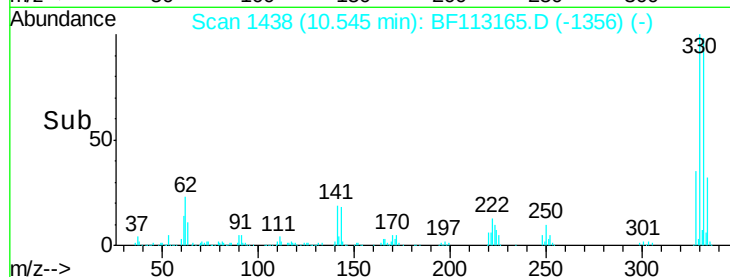
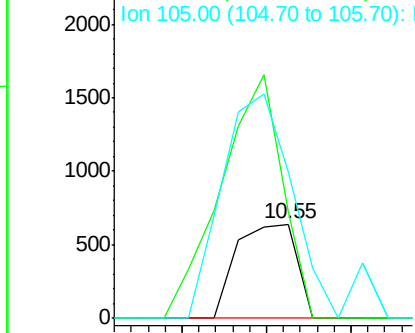
#65
4,6-Dinitro-2-methylphenol
Concen: 4.928 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 632
Ion Ratio Lower Upper
198 100
51 113.3 43.8 83.8#
105 155.3 36.5 76.5#

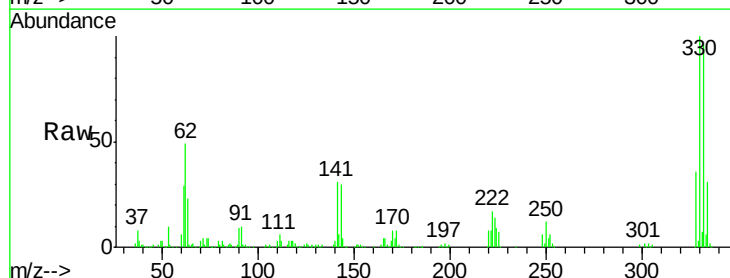


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

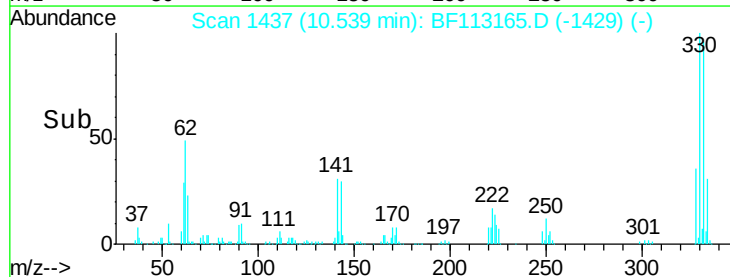
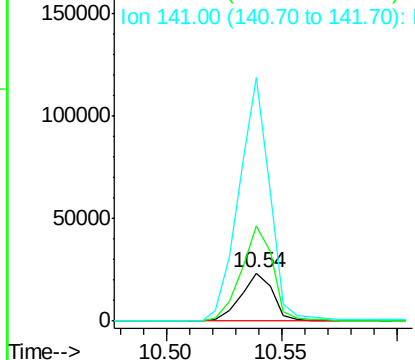


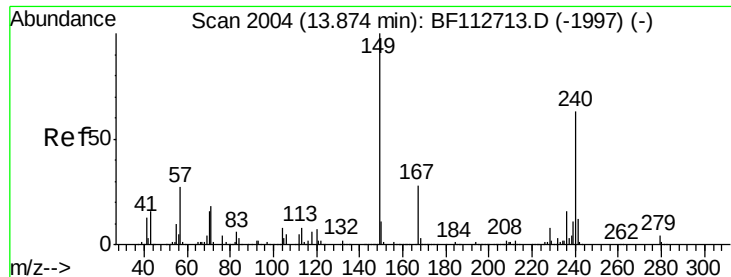
#67
4-Bromophenyl-phenylether
Concen: 4.880 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113165.D
Acq: 20 Mar 2019 12:22

Tgt Ion:248 Resp: 22701
Ion Ratio Lower Upper
248 100
250 197.2 77.5 116.3#
141 506.4 62.4 93.6#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

Instrument :

BNA_F

ClientSampleId :

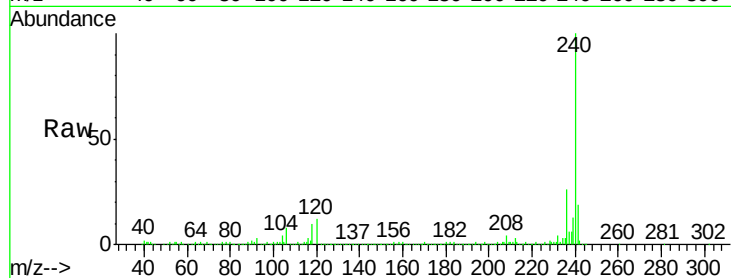
Tot Ion:240 Resp: 429727

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

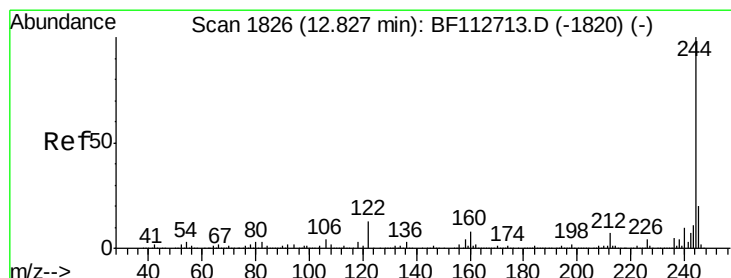
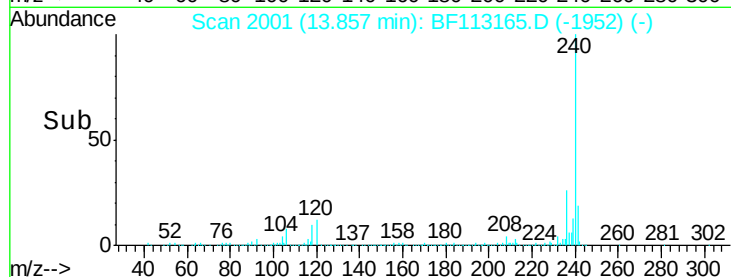
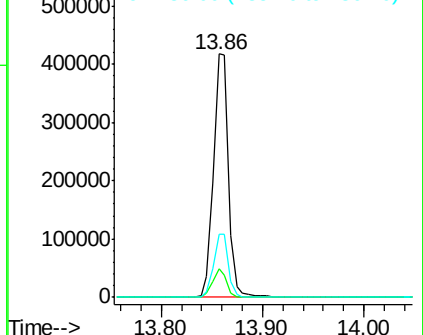
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 64.204 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113165.D

Acq: 20 Mar 2019 12:22

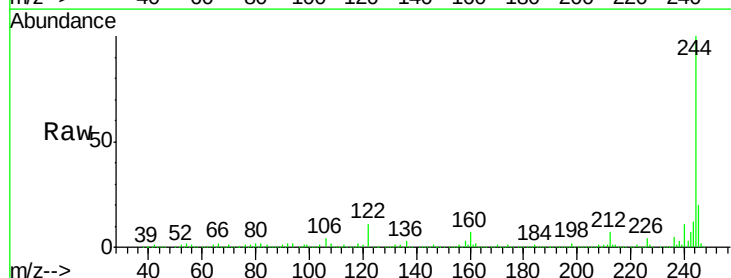
Tgt Ion:244 Resp: 1423271

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

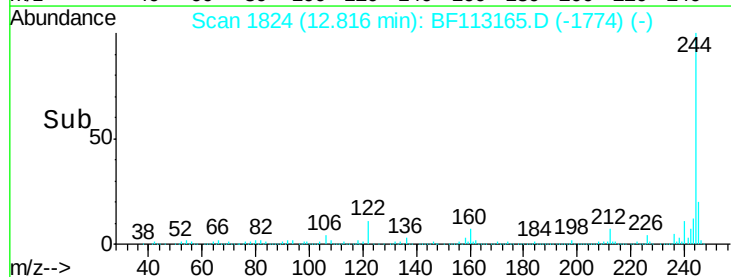
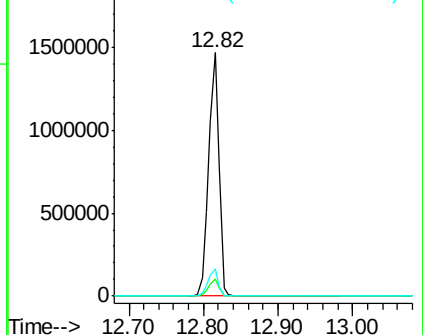
122 11.0 10.5 15.7

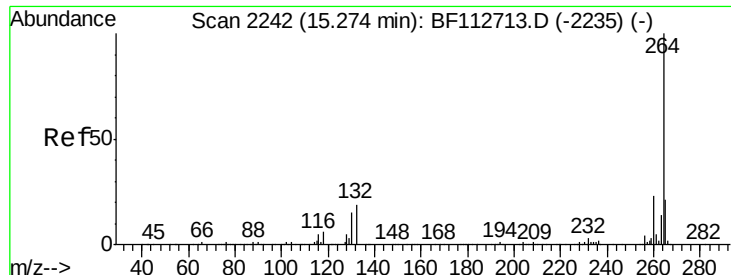


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

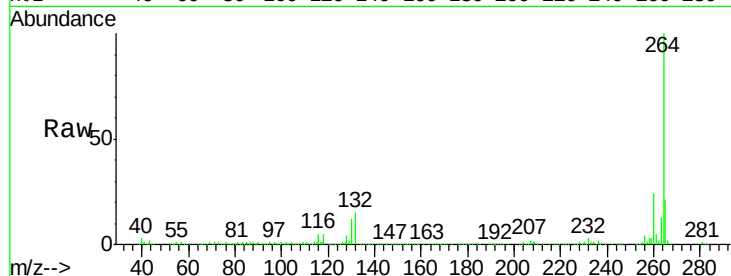




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113165.D
 Acq: 20 Mar 2019 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	337305
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.5	17.2	25.8



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

