

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113626.D
 Acq On : 5 Apr 2019 20:27
 Operator : JU/SJ
 Sample : K2193-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 23:25:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	124104	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	470574	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	234606	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	488817	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	388694	20.00	ng	-0.02
87) Perylene-d12	15.22	264	338959	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	745802	102.48	ng	0.01
7) Phenol-d6	6.34	99	868059	96.77	ng	0.00
23) Nitrobenzene-d5	7.25	82	652919	81.27	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	357481	126.85	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1197485	82.17	ng	-0.01
79) Terphenyl-d14	12.77	244	1532200	80.26	ng	-0.02

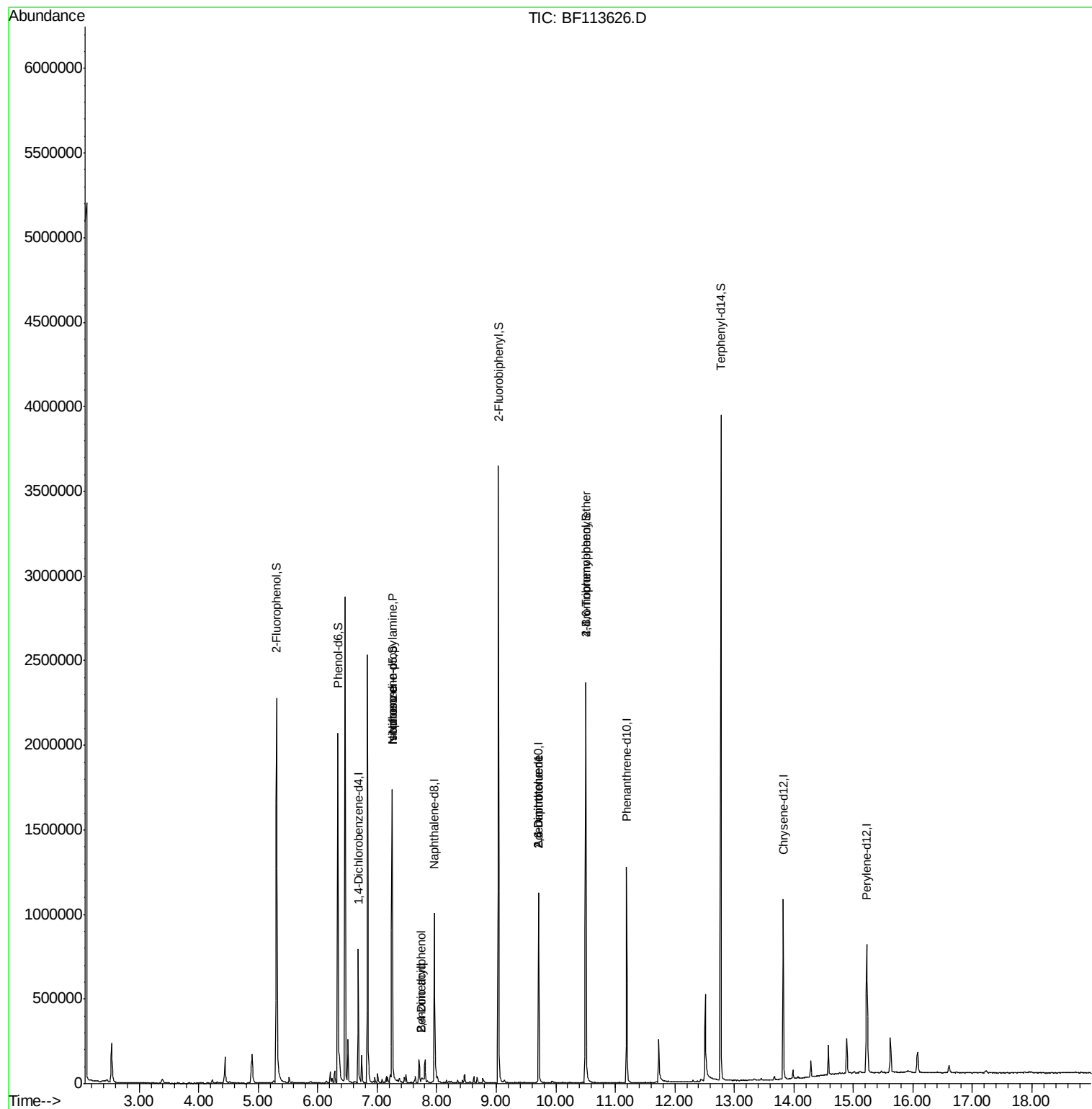
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	83889	15.166	ng	# 76
25) Isophorone	7.25	82	652916	42.190	ng	# 64
27) 2,4-Dimethylphenol	7.75	122	18785	2.951	ng	# 5
32) Benzoic acid	7.75	122	18785	3.811	ng	# 97
51) 2,6-Dinitrotoluene	9.71	165	30249	7.935	ng	# 27
57) 2,4-Dinitrotoluene	9.71	165	30249	6.561	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	20034	3.654	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
Data File : BF113626.D
Acq On : 5 Apr 2019 20:27
Operator : JU/SJ
Sample : K2193-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 05 23:25:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



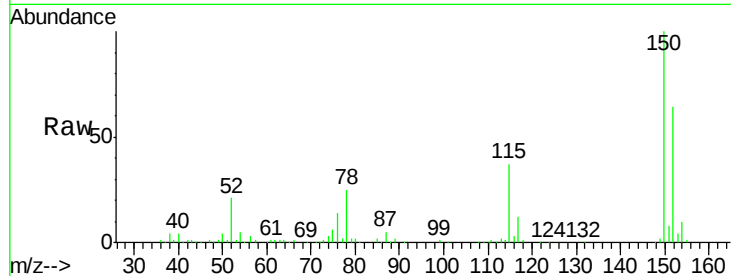


#1

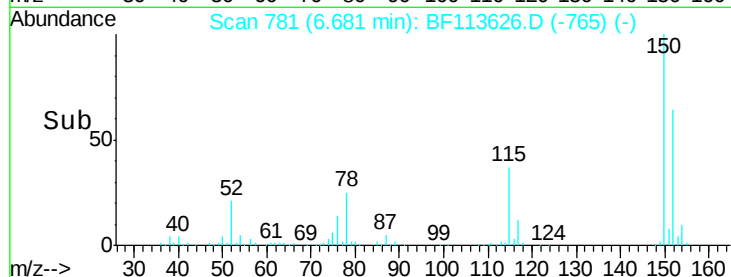
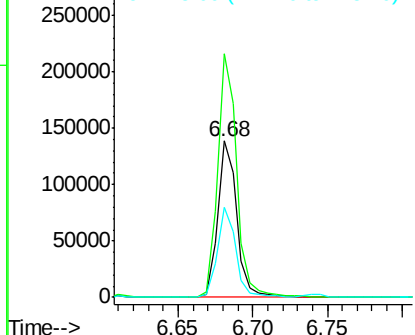
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 124104
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 58.1 46.0 69.0



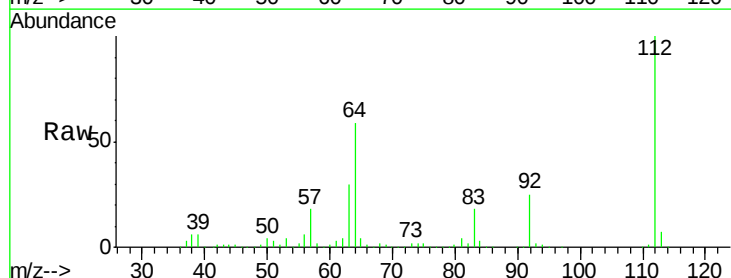
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



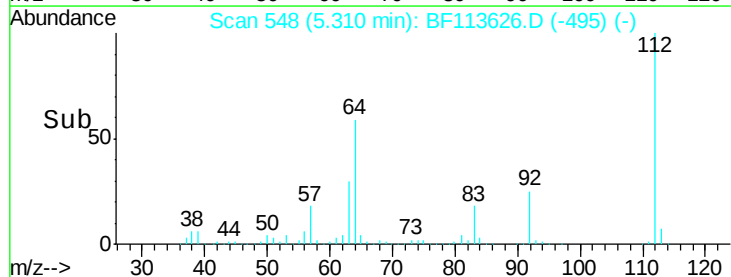
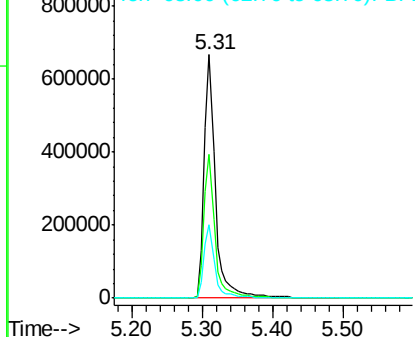
#5

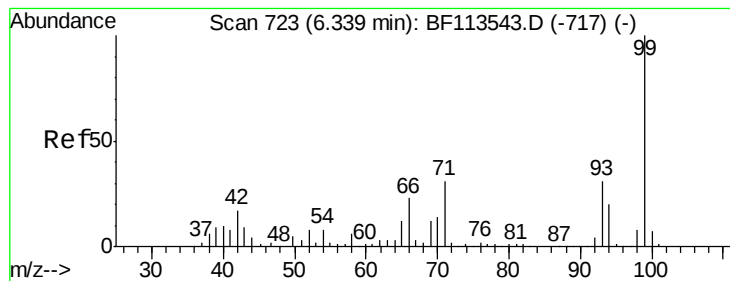
2-Fluorophenol
Concen: 102.476 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

Tgt Ion:112 Resp: 745802
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 30.1 24.9 37.3



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: 96.774 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Instrument :

BNA_F

ClientSampled :

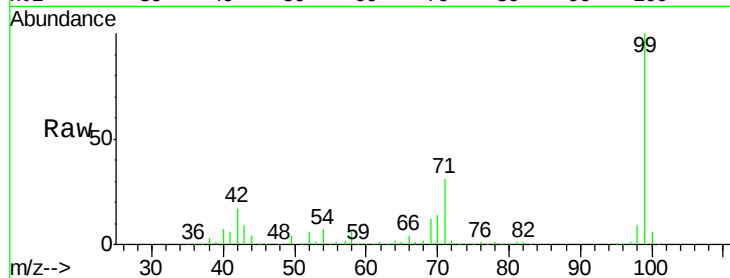
Tot Ion: 99 Resp: 868059

Ion Ratio Lower Upper

99 100

42 17.1 14.8 22.2

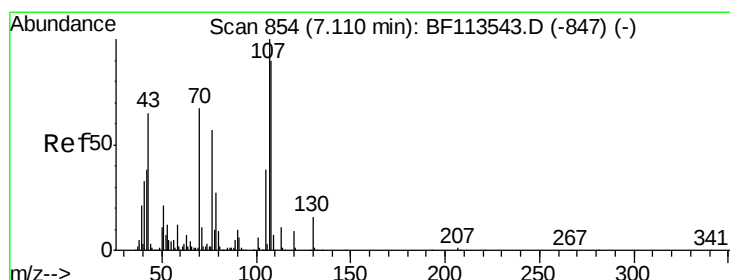
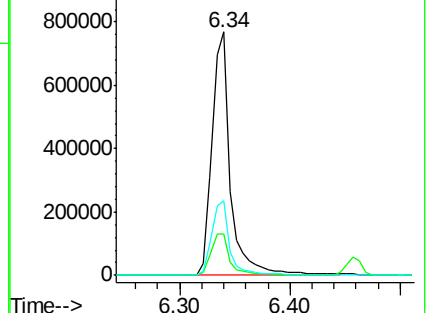
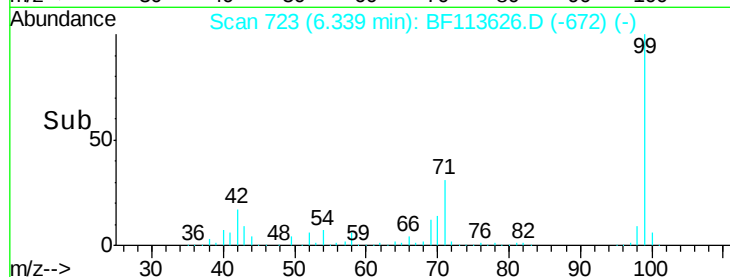
71 30.8 24.9 37.3



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: 15.166 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.14 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Tgt Ion: 70 Resp: 83889

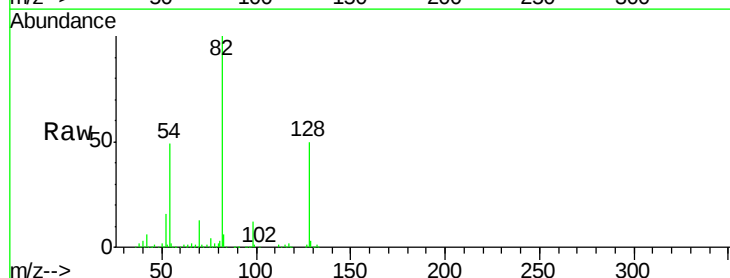
Ion Ratio Lower Upper

70 100

42 47.5 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

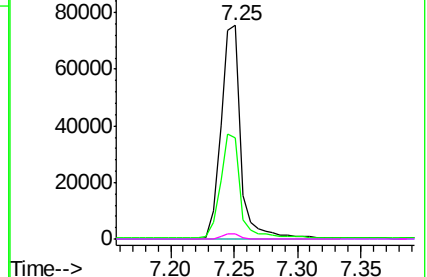
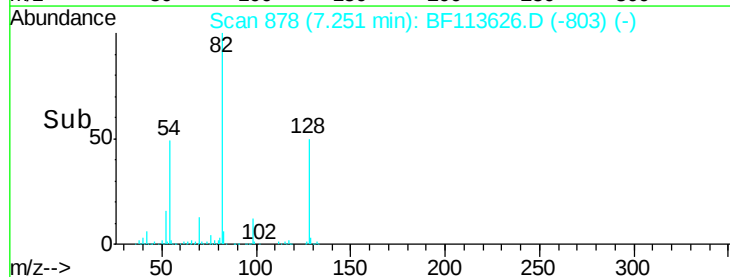


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470574

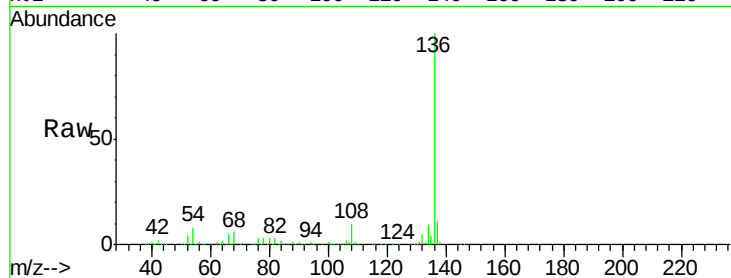
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 7.0 10.6

68 5.9 4.8 7.2

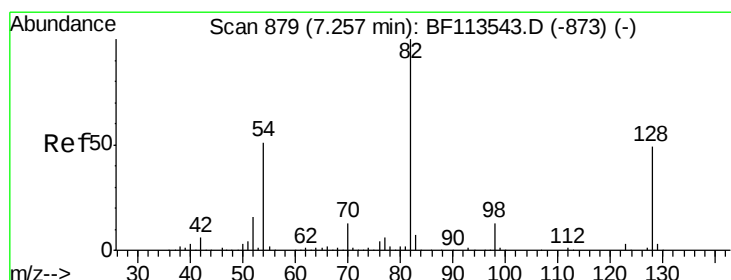
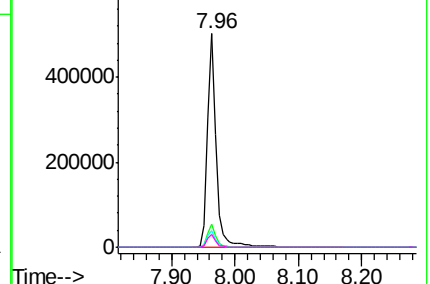
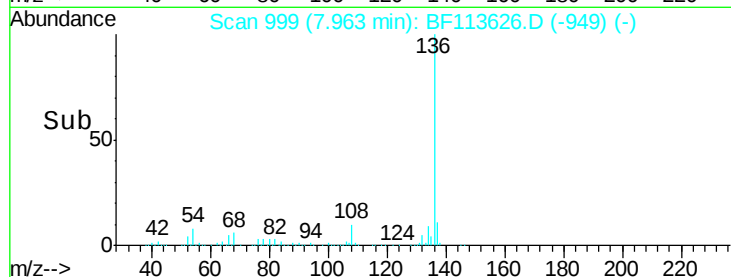


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 81.273 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

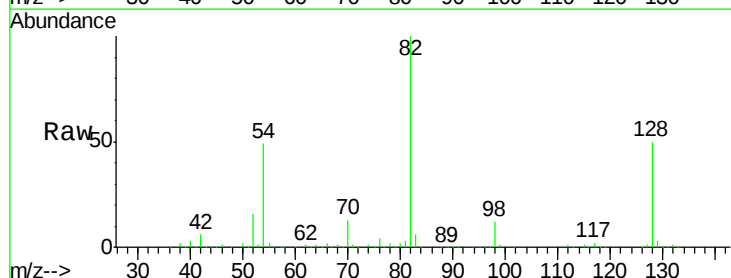
Tgt Ion: 82 Resp: 652919

Ion Ratio Lower Upper

82 100

128 49.6 36.5 54.7

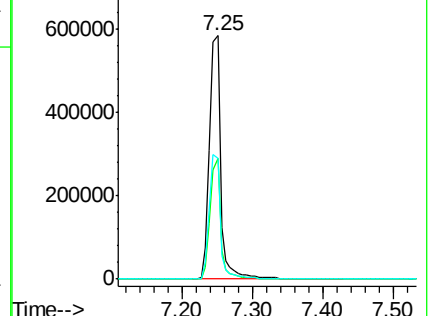
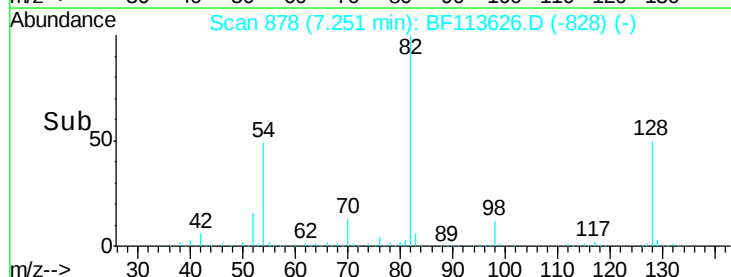
54 49.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.190 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.26 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Instrument :

BNA_F

ClientSampleId :

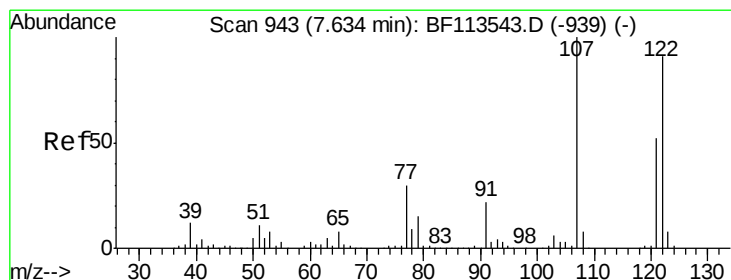
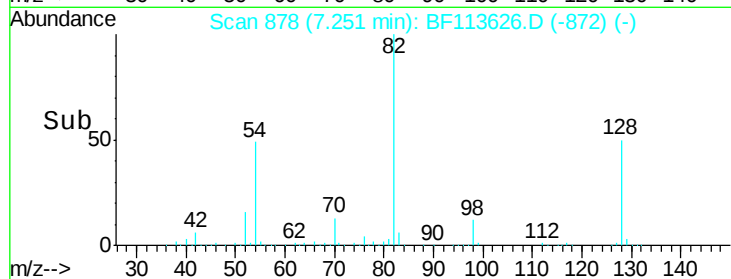
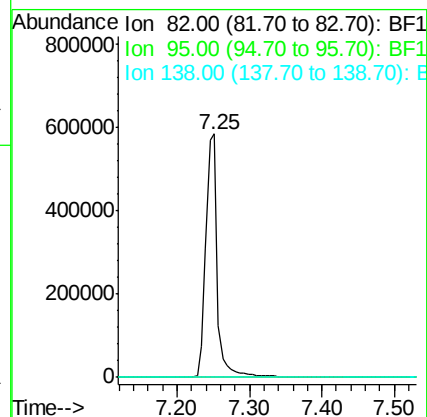
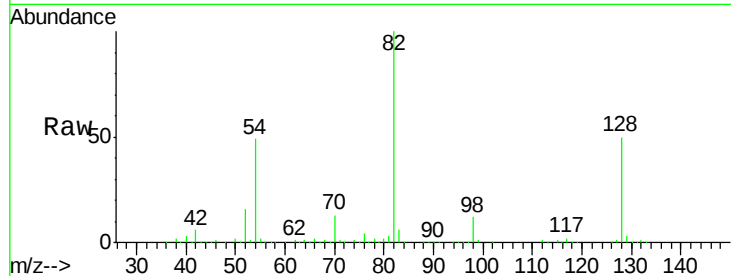
Tot Ion: 82 Resp: 652916

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

138 0.0 15.2 22.8#



#27

2,4-Dimethylphenol

Concen: 2.951 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.12 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

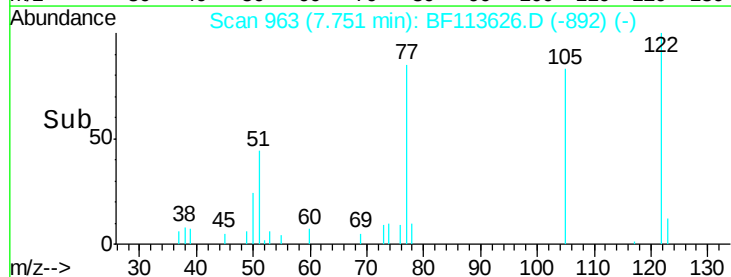
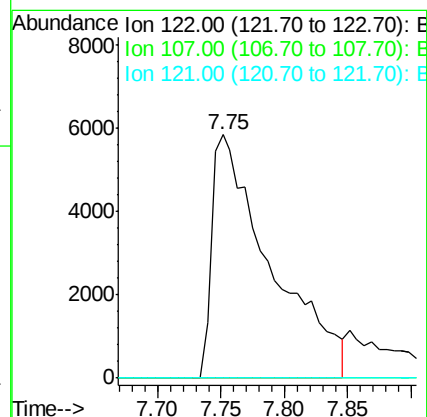
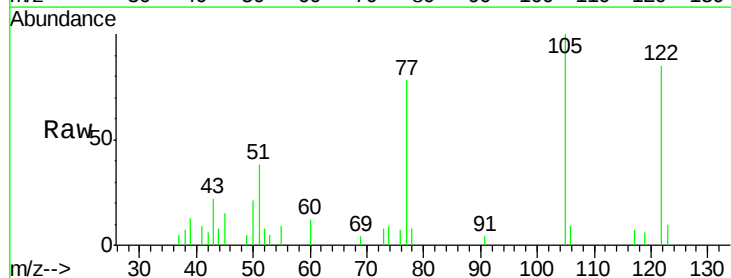
Tgt Ion: 122 Resp: 18785

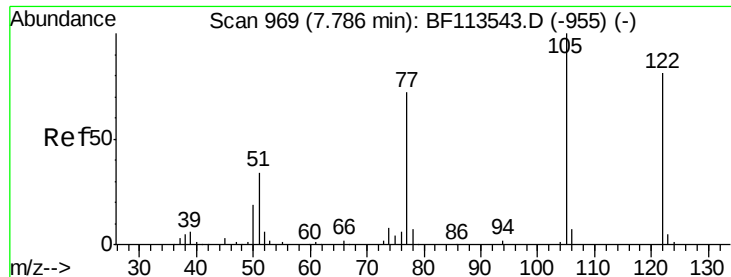
Ion Ratio Lower Upper

122 100

107 0.0 88.8 133.2#

121 0.0 45.5 68.3#





#32

Benzoic acid

Concen: 3.811 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Instrument :

BNA_F

ClientSampleId :

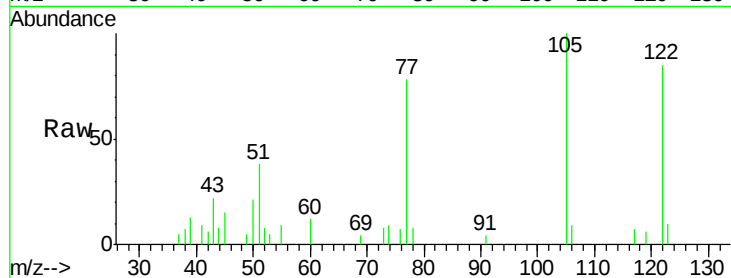
Tot Ion:122 Resp: 18785

Ion Ratio Lower Upper

122 100

105 117.5 100.4 140.4

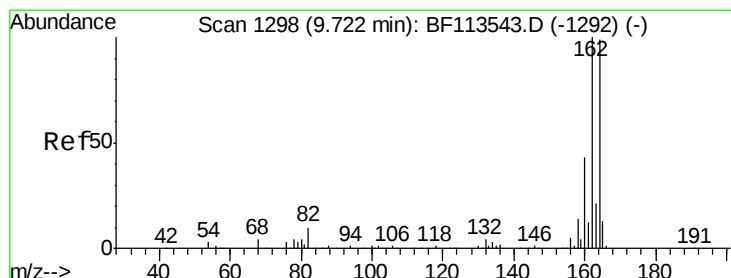
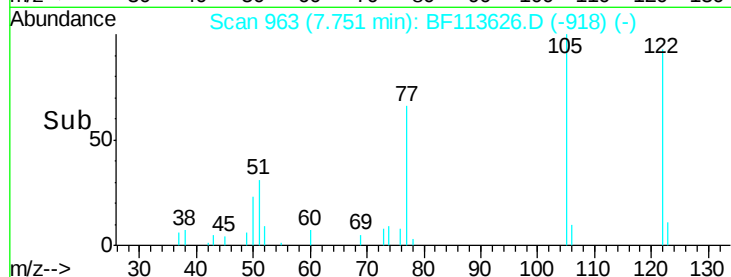
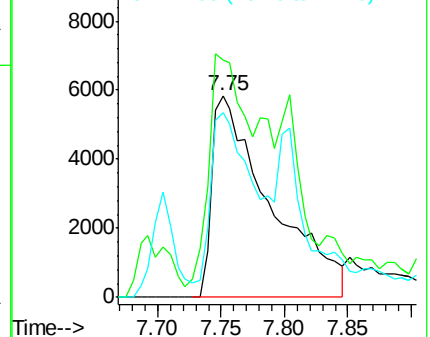
77 91.9 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

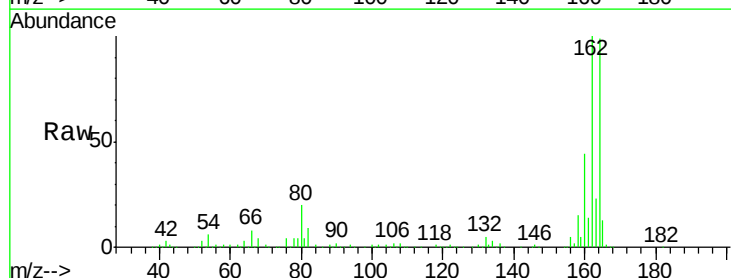
Tgt Ion:164 Resp: 234606

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

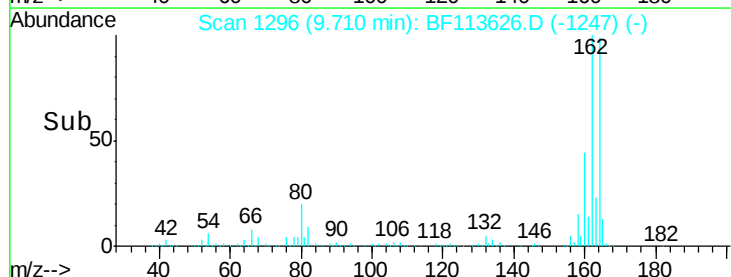
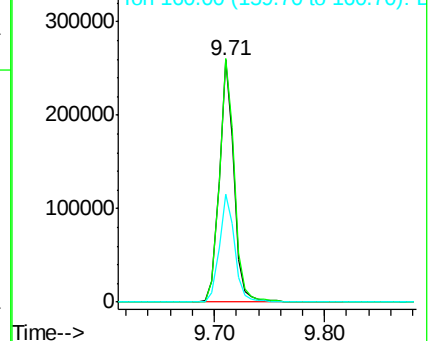
160 44.7 36.4 54.6

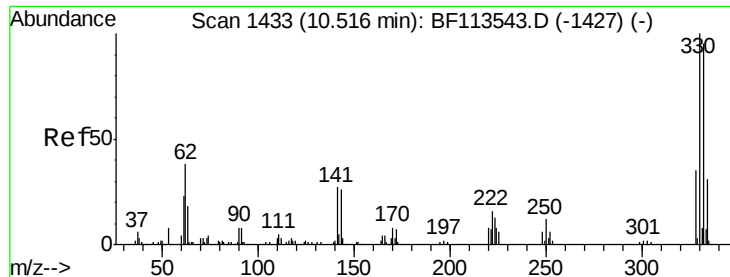


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

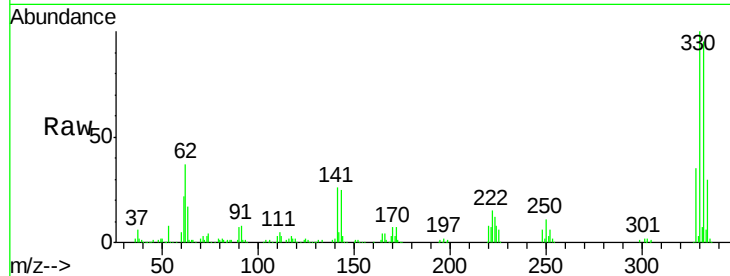




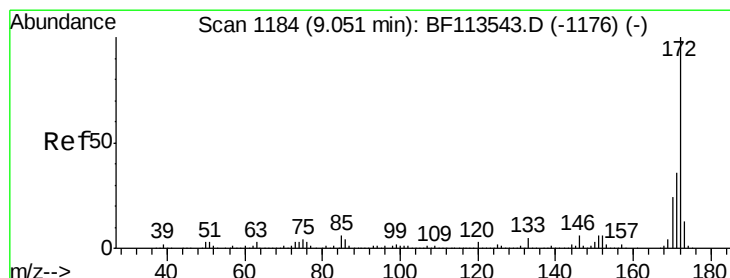
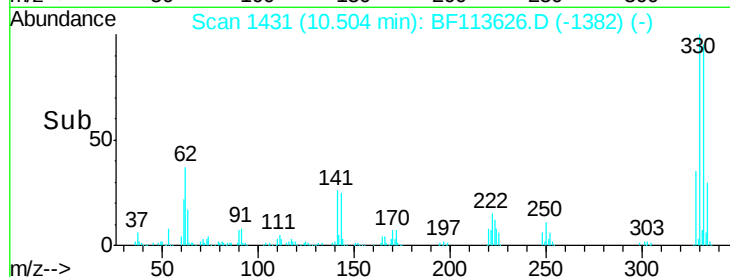
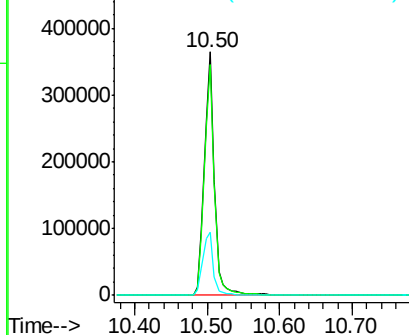
#42
 2,4,6-Tribromophenol
 Concen: 126.848 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 357481
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.8 116.6
 141 27.4 22.7 34.1

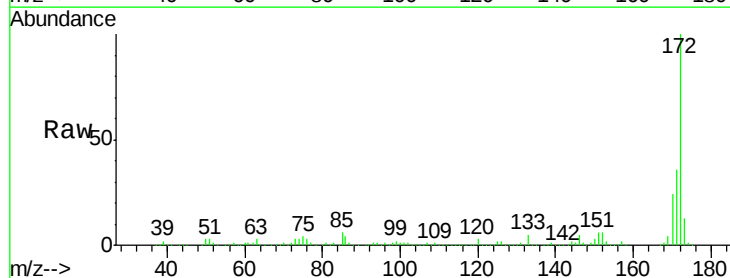


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

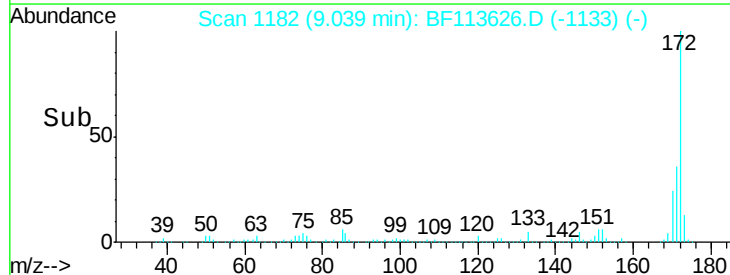
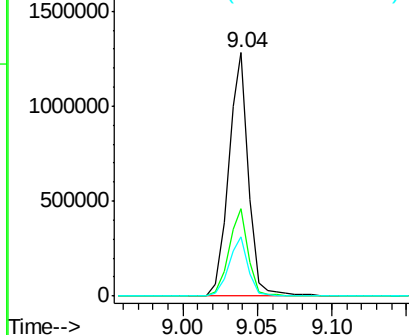


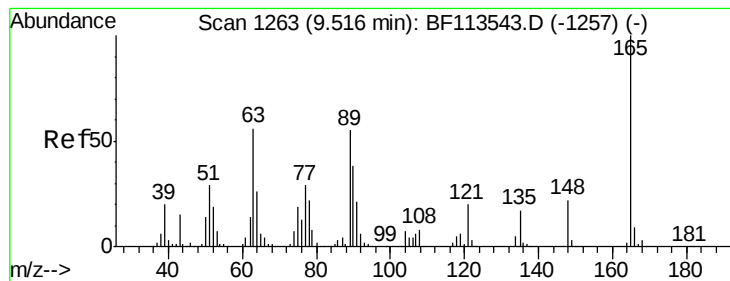
#45
 2-Fluorobiphenyl
 Concen: 82.173 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

Tgt Ion:172 Resp: 1197485
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.3 19.5 29.3



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





#51

2,6-Dinitrotoluene

Concen: 7.935 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Instrument :

BNA_F

ClientSampleId :

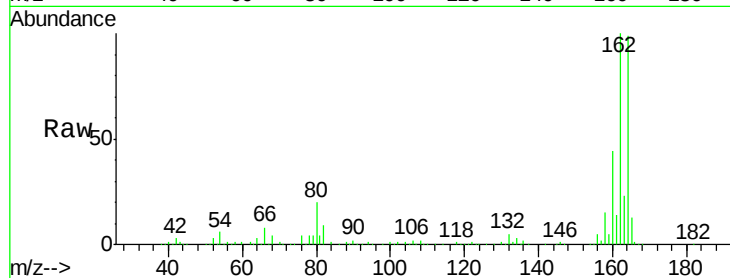
Tot Ion:165 Resp: 30249

Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

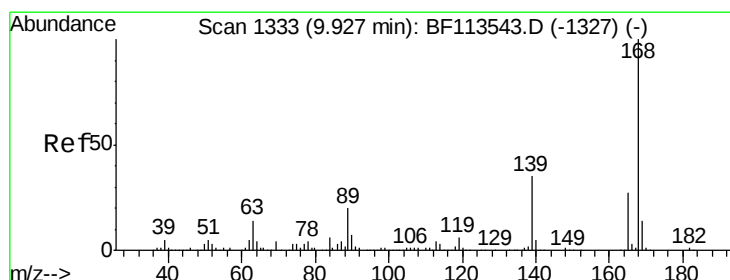
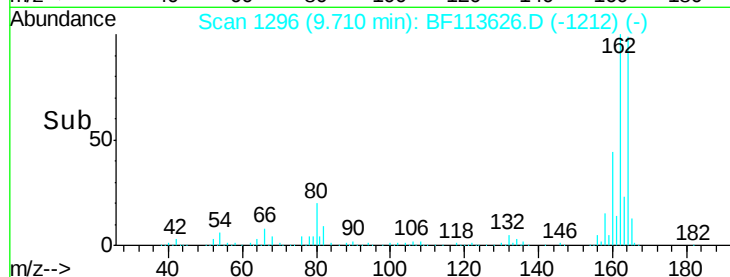
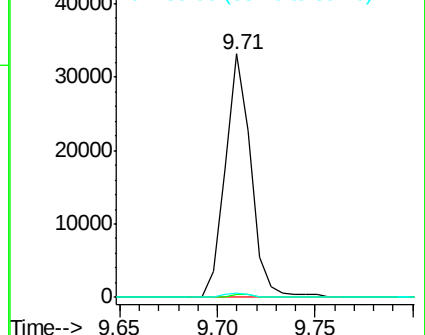
89 1.7 43.1 64.7#



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: 6.561 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Tgt Ion:165 Resp: 30249

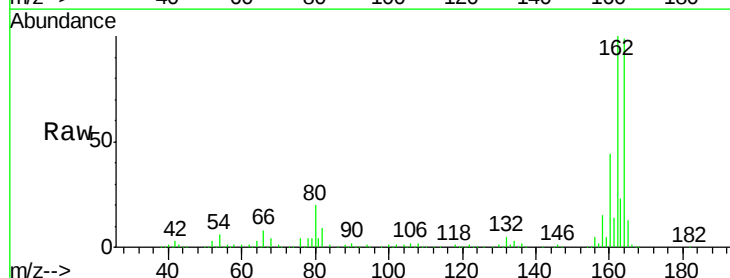
Ion Ratio Lower Upper

165 100

63 1.1 37.5 56.3#

89 1.7 57.4 86.2#

182 0.9 2.0 3.0#

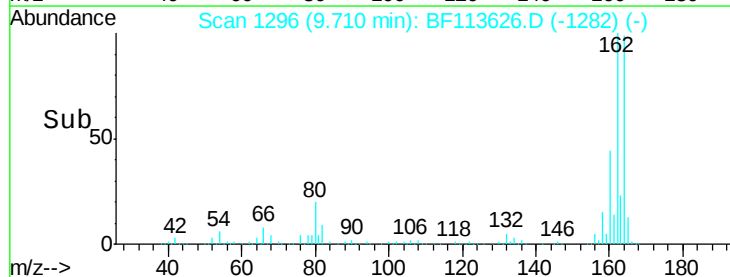
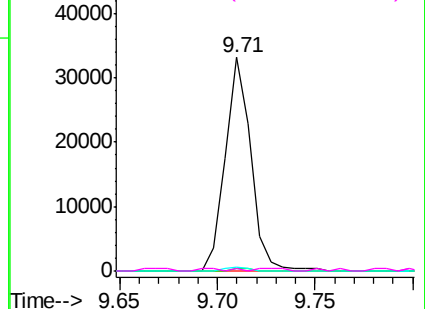


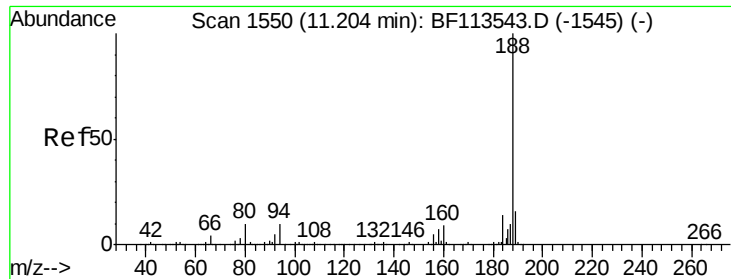
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

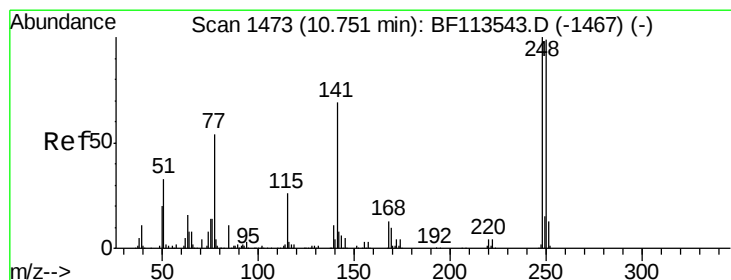
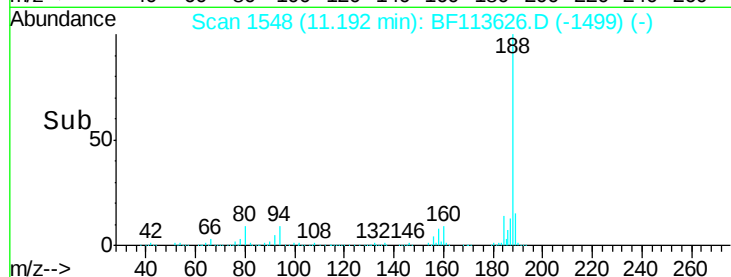
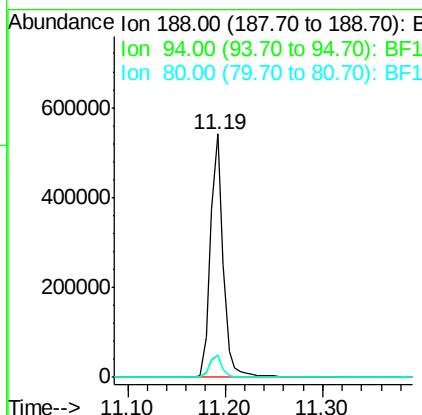
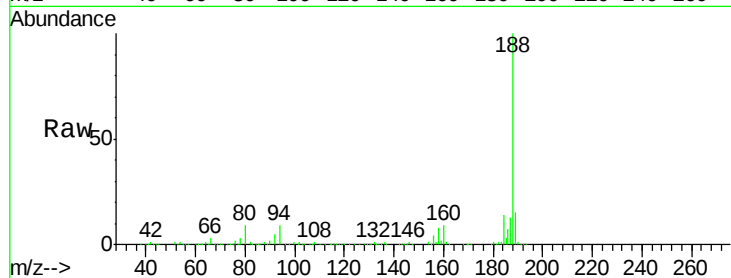




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

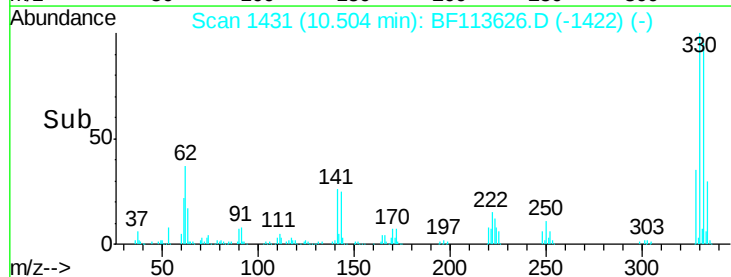
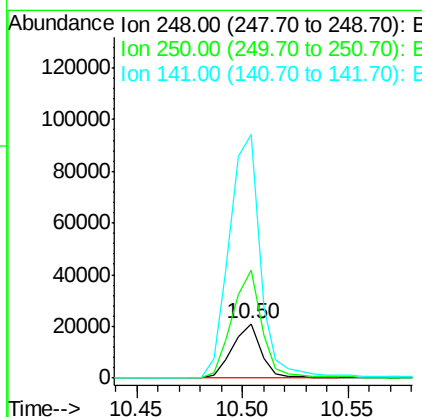
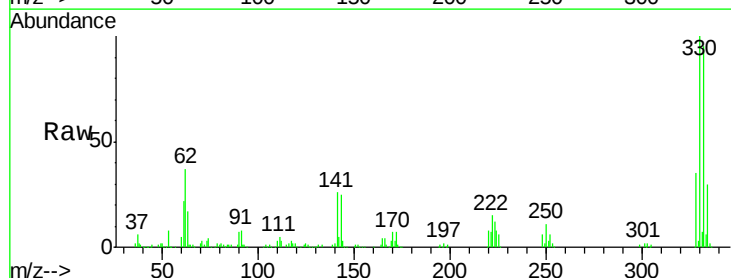
Instrument :
BNA_F
ClientSampleId :

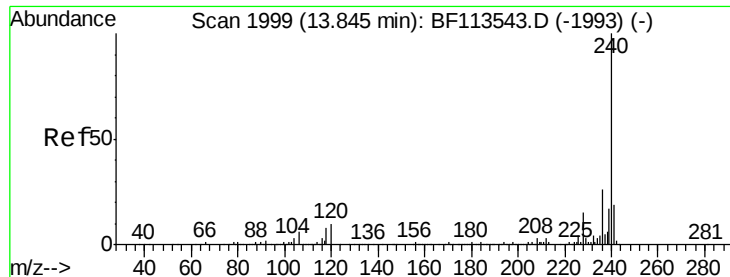
Tot Ion:188 Resp: 488817
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.2 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.654 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

Tgt Ion:248 Resp: 20034
Ion Ratio Lower Upper
248 100
250 197.9 78.3 117.5#
141 448.6 56.2 84.4#

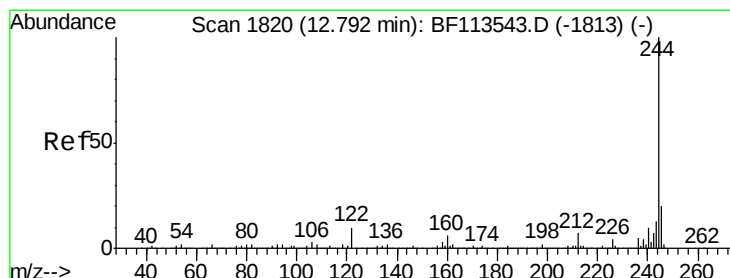
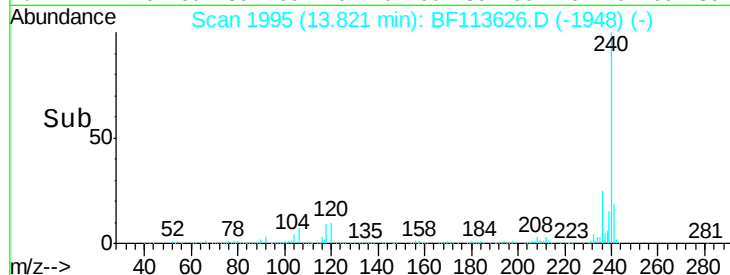
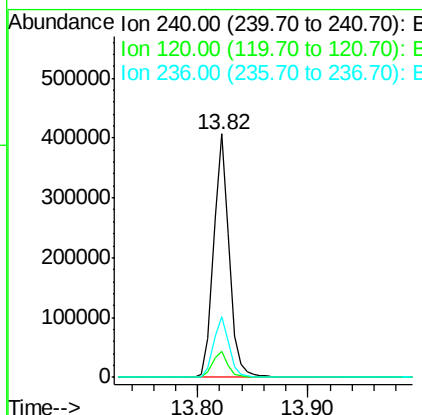
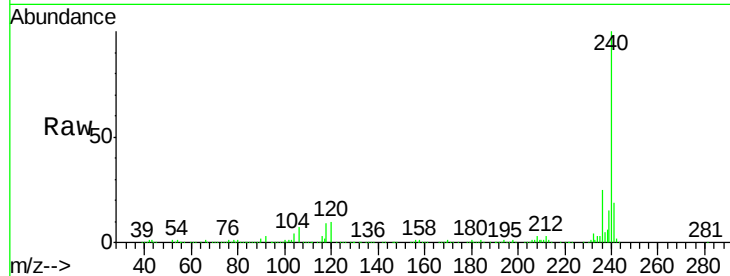




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

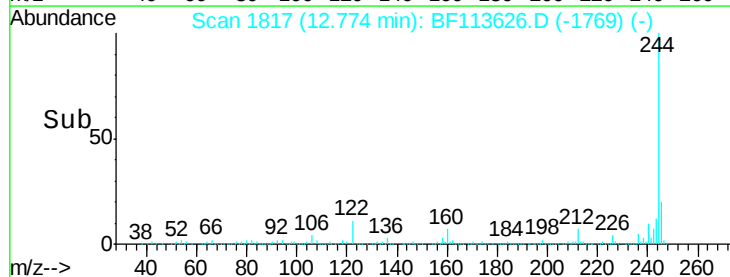
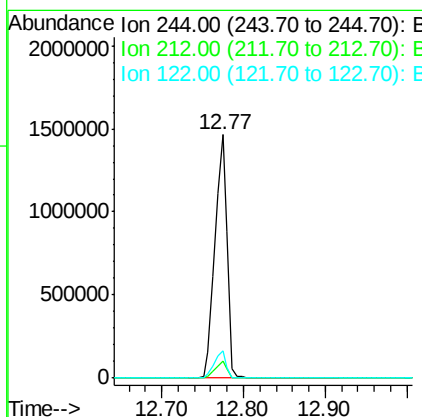
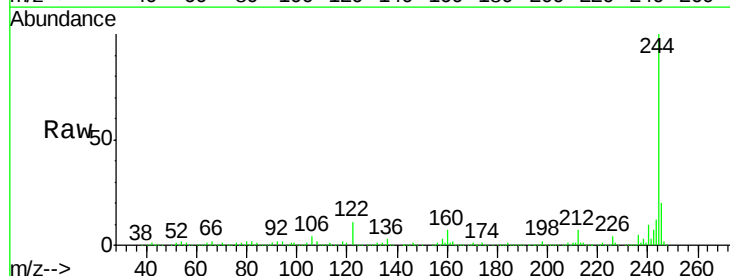
Instrument :
 BNA_F
 ClientSampleId :

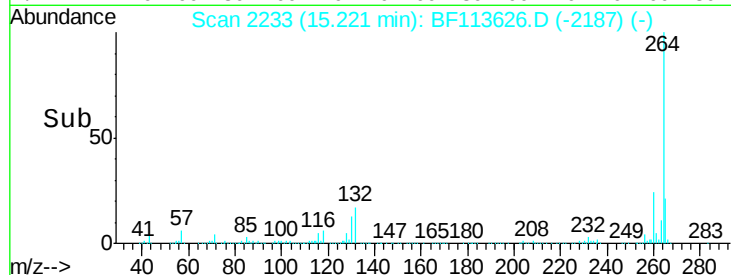
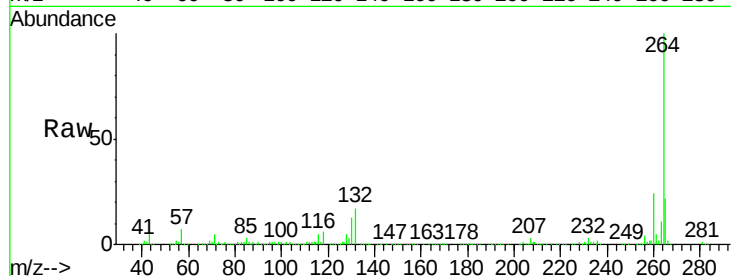
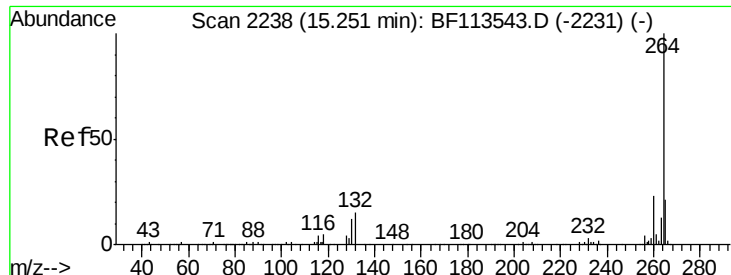
Tot Ion:240 Resp: 388694
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.8 13.2
 236 25.1 20.9 31.3



#79
 Terphenyl-d14
 Concen: 80.258 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

Tgt Ion:244 Resp: 1532200
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.3 8.6 13.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.03 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	338959
Ion	Ratio	Lower Upper
264	100	
260	24.0	19.1 28.7
265	21.6	17.1 25.7

