

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114699.D
 Acq On : 31 May 2019 11:07
 Operator : HP/JU
 Sample : PB120049TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 12:14:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

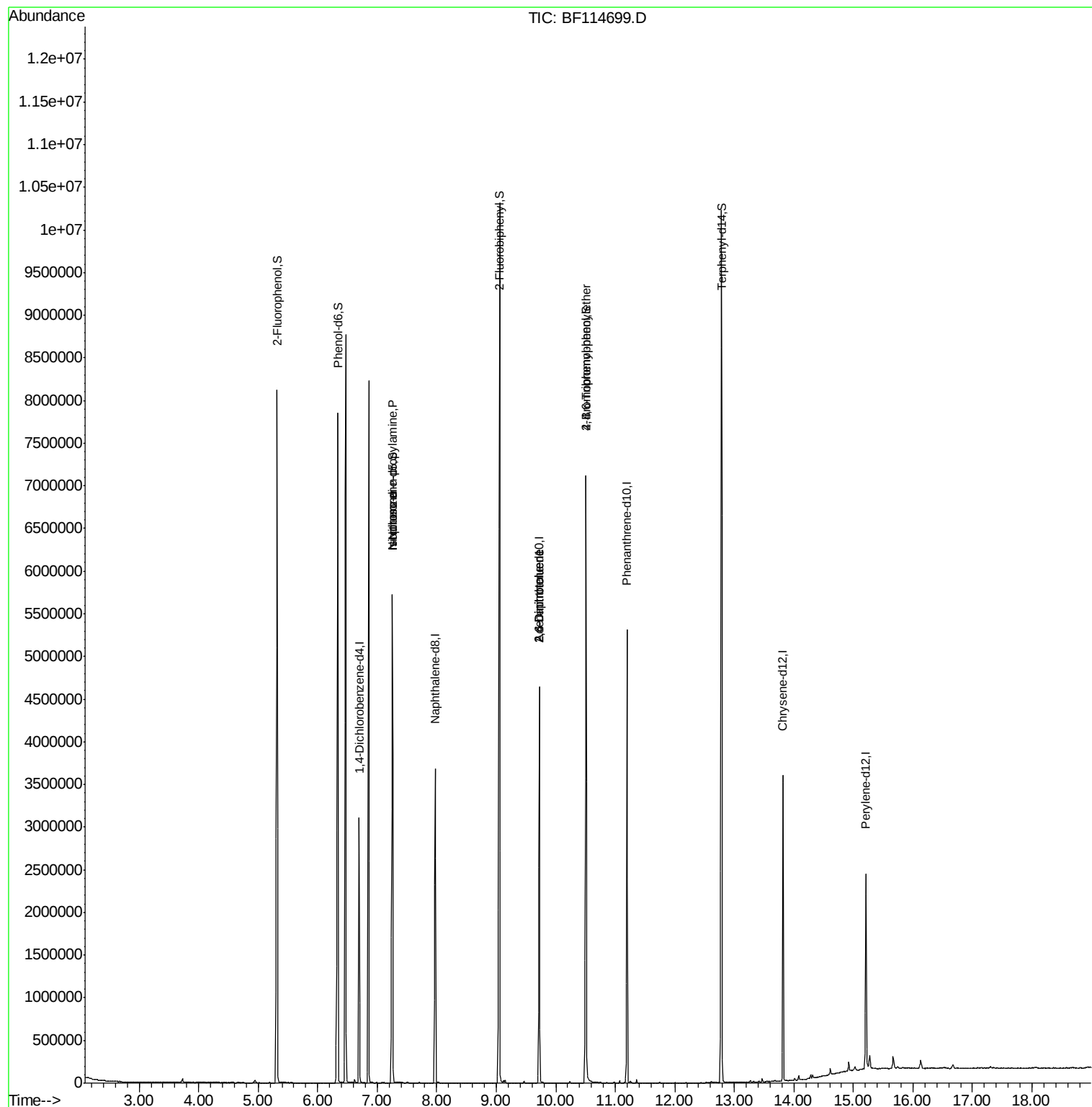
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	474108	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1865123	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	966227	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	1833560	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1225086	20.00	ng	-0.01
87) Perylene-d12	15.21	264	1065938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2912973	107.87	ng	0.02
7) Phenol-d6	6.34	99	3625053	111.40	ng	0.00
23) Nitrobenzene-d5	7.26	82	2371185	79.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	1124208	122.11	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	4147717	79.63	ng	0.00
79) Terphenyl-d14	12.79	244	4327635	66.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	5692	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	325954	14.512 ng	#	76
25) Isophorone	7.26	82	2357052	39.287 ng	#	62
51) 2,6-Dinitrotoluene	9.72	165	127046	8.121 ng	#	28
57) 2,4-Dinitrotoluene	9.72	165	127046	6.328 ng	#	26
58) Fluorene	10.51	166	46806	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.51	248	72350	3.680 ng	#	1
74) Di-n-butylphthalate	11.77	149	892	Below Cal	#	75

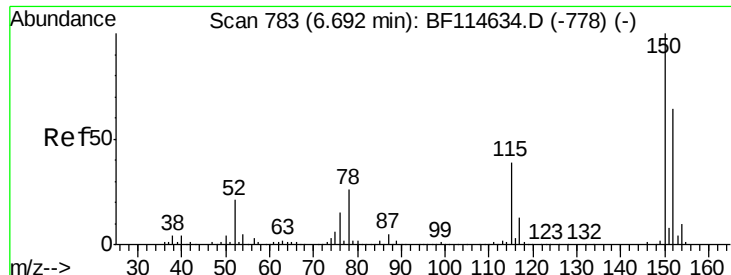
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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Quant Time: May 31 12:14:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 12:07:00 2019
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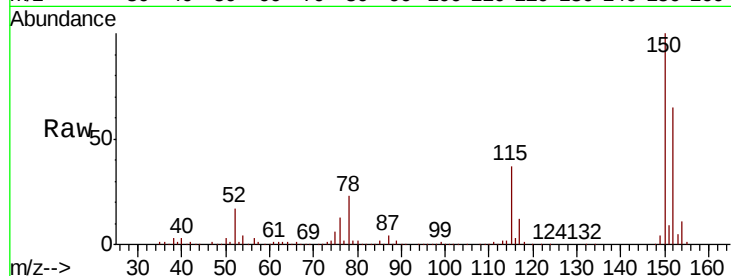


#1

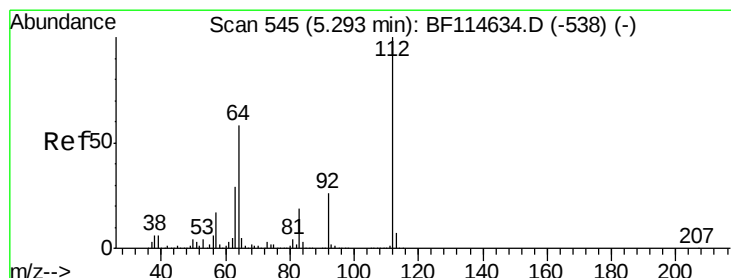
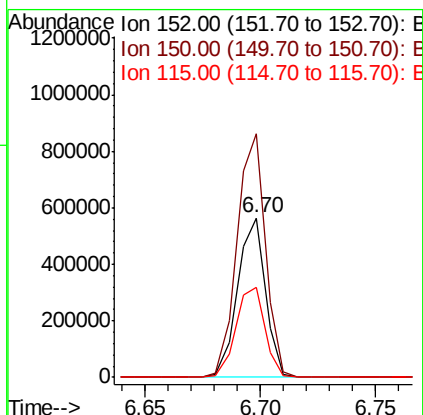
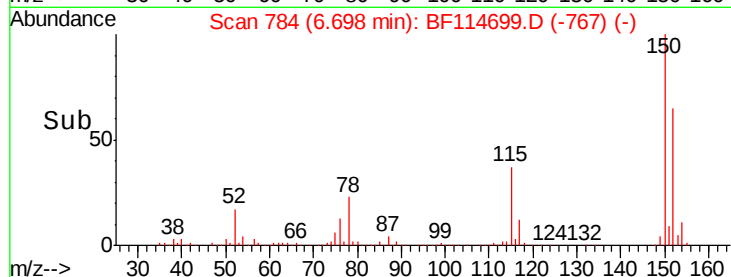
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF114699.D
Acq: 31 May 2019 11:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 474108
Ion Ratio Lower Upper
152 100
150 152.9 124.3 186.5
115 56.2 48.8 73.2



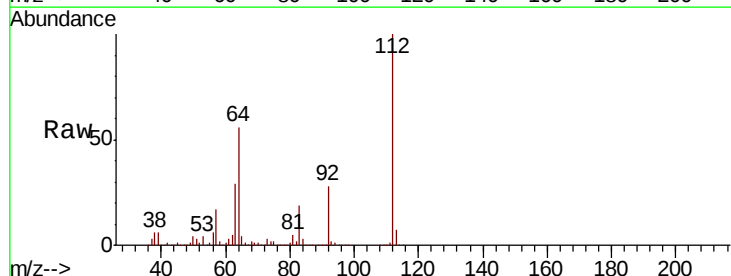
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



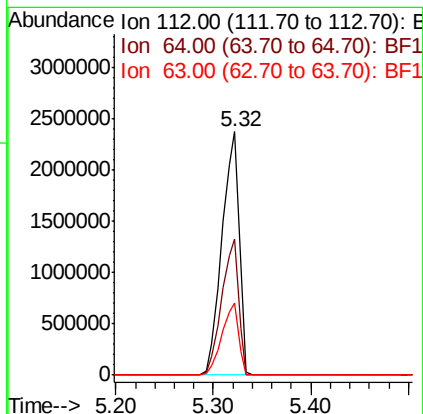
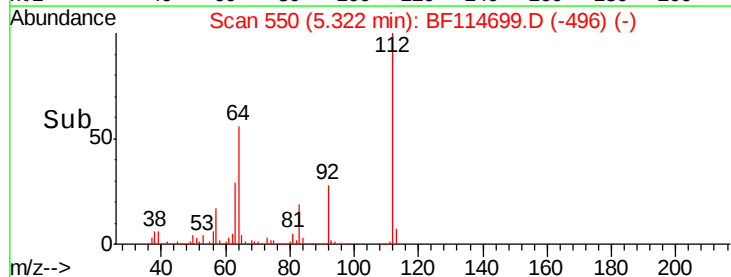
#5

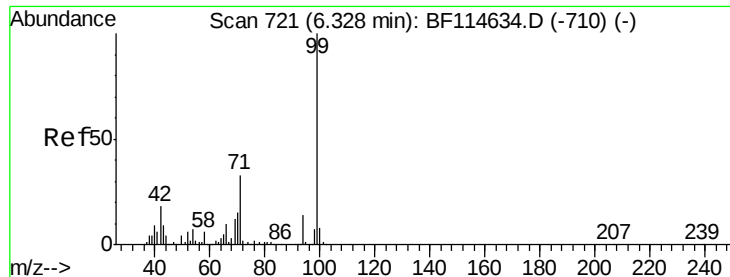
2-Fluorophenol
Concen: 107.873 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.02 min
Lab File: BF114699.D
Acq: 31 May 2019 11:07

Tgt Ion:112 Resp: 2912973
Ion Ratio Lower Upper
112 100
64 55.8 44.8 67.2
63 29.5 23.0 34.6



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: 111.401 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114699.D

Acq: 31 May 2019 11:07

Instrument :

BNA_F

ClientSampleId :

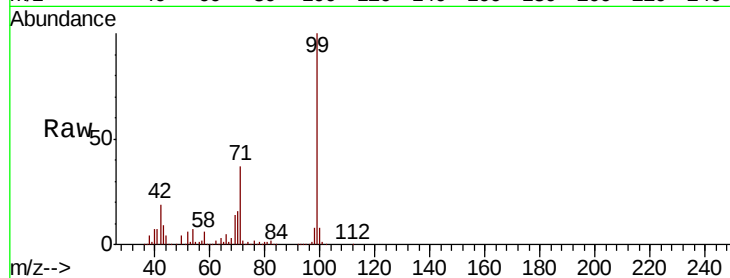
Tot Ion: 99 Resp: 3625053

Ion Ratio Lower Upper

99 100

42 18.6 14.1 21.1

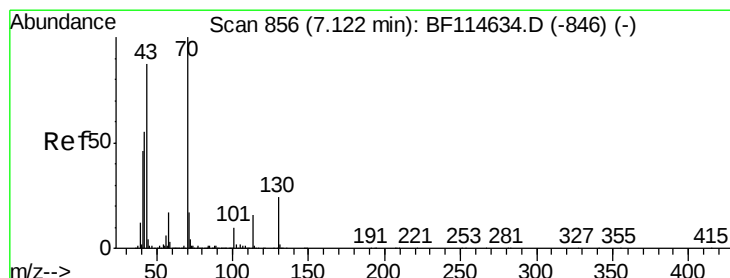
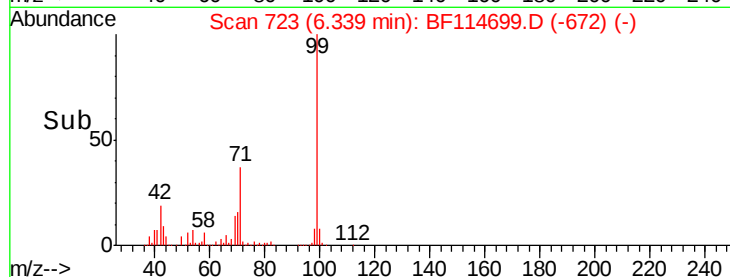
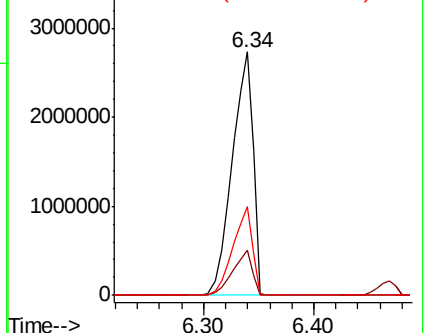
71 36.6 27.3 40.9



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: 14.512 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF114699.D

Acq: 31 May 2019 11:07

Tgt Ion: 70 Resp: 325954

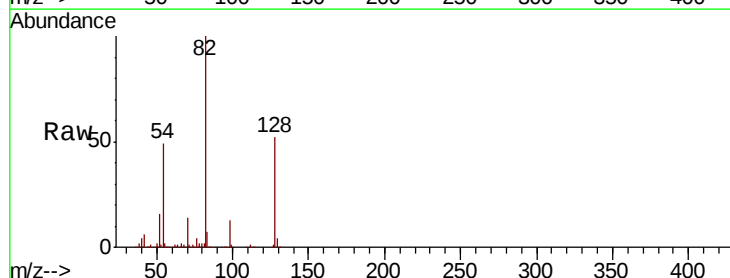
Ion Ratio Lower Upper

70 100

42 44.7 43.9 65.9

101 0.0 8.3 12.5#

130 2.4 19.4 29.2#

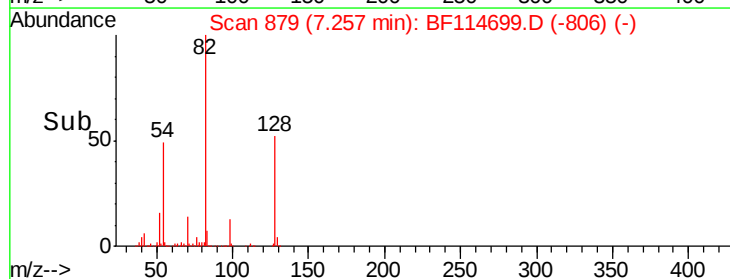
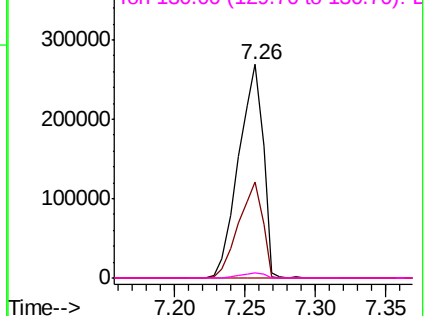


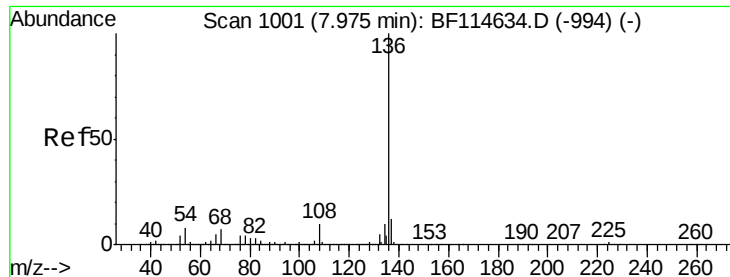
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

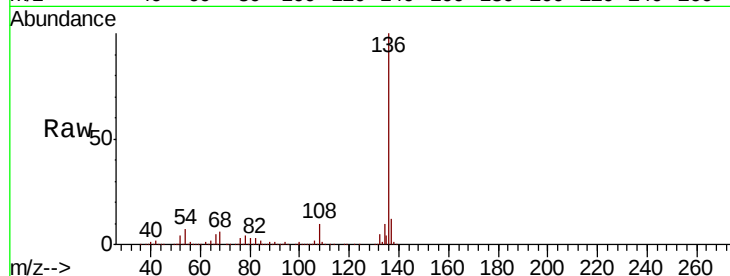




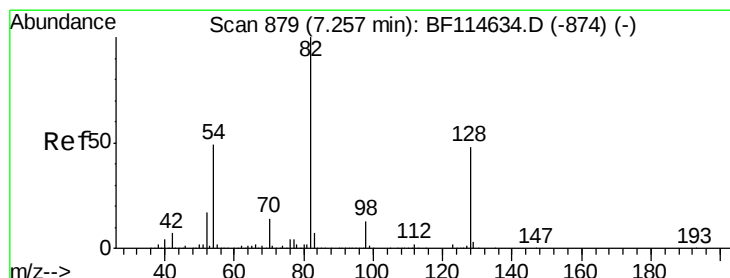
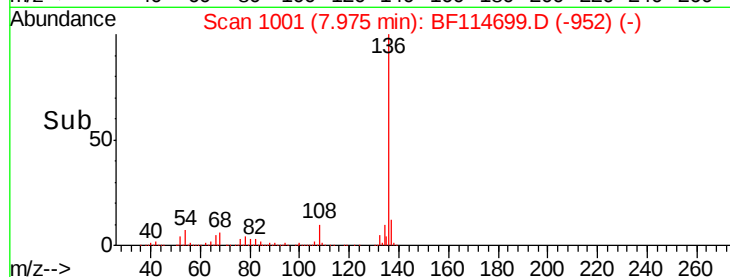
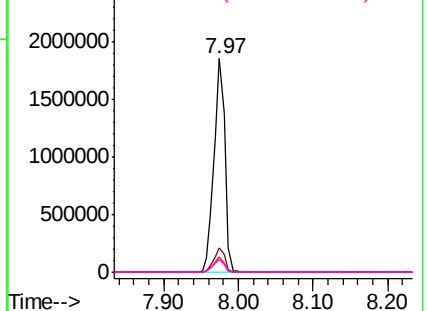
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF114699.D
Acq: 31 May 2019 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1865123
Ion Ratio	Lower Upper
136 100	
137 11.6	9.1 13.7
54 7.2	5.2 7.8
68 6.3	4.6 6.8

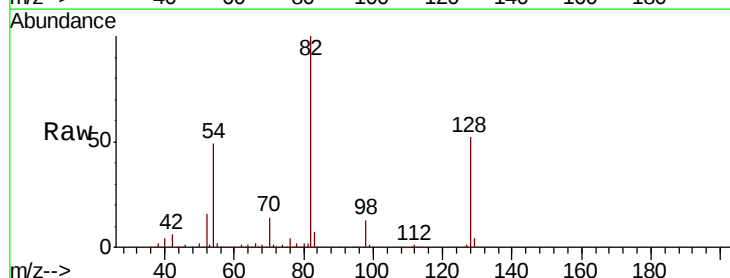


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

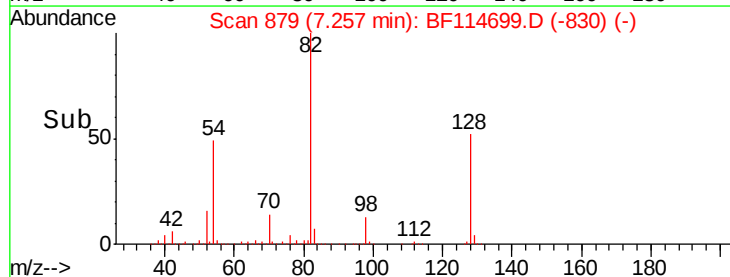
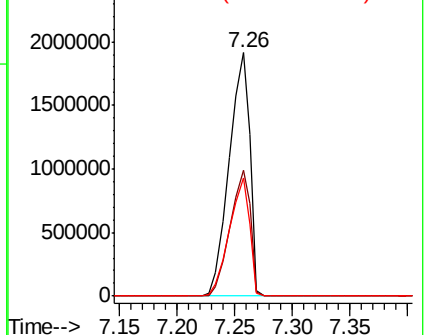


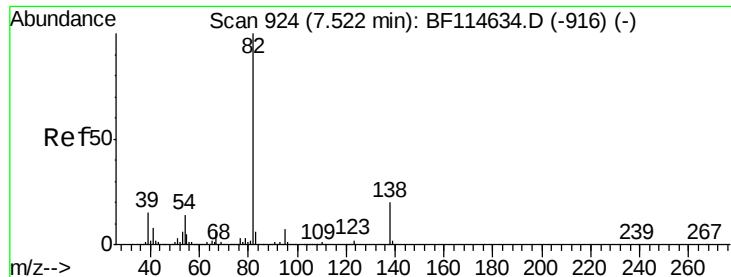
#23
Nitrobenzene-d5
Concen: 79.317 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114699.D
Acq: 31 May 2019 11:07

Tgt Ion: 82	Resp: 2371185
Ion Ratio	Lower Upper
82 100	
128 51.5	41.7 62.5
54 48.5	37.5 56.3



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: 39.287 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.27 min

Lab File: BF114699.D

Acq: 31 May 2019 11:07

Instrument :

BNA_F

ClientSampleId :

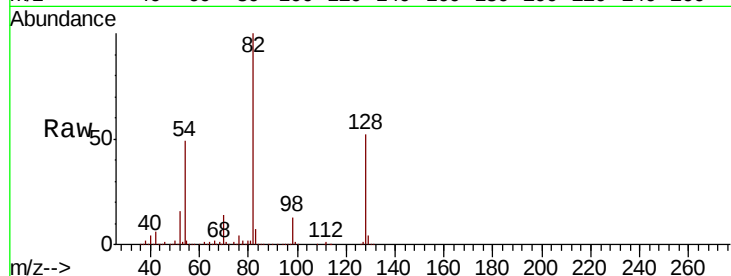
Tot Ion: 82 Resp: 2357052

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

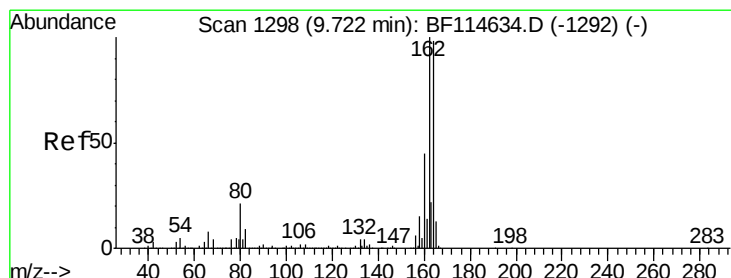
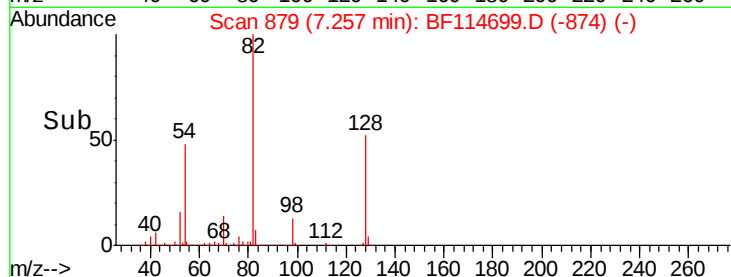
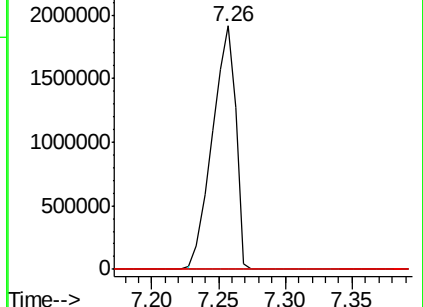
138 0.0 16.1 24.1#



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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114699.D

Acq: 31 May 2019 11:07

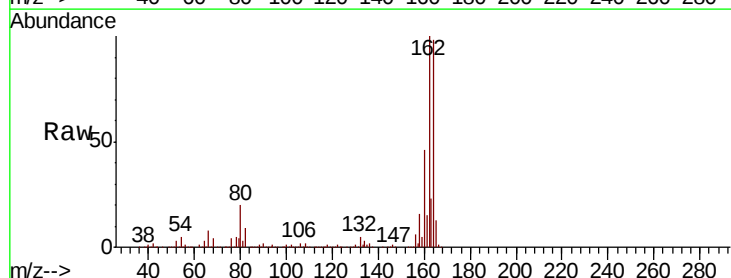
Tgt Ion:164 Resp: 966227

Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.4

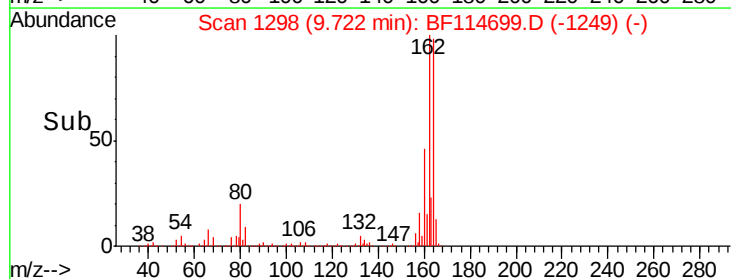
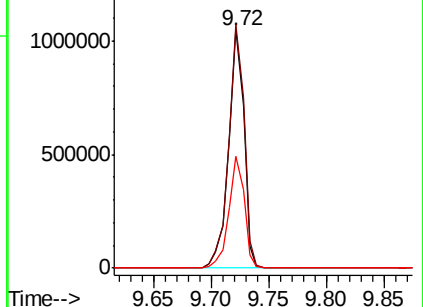
160 46.9 38.2 57.2

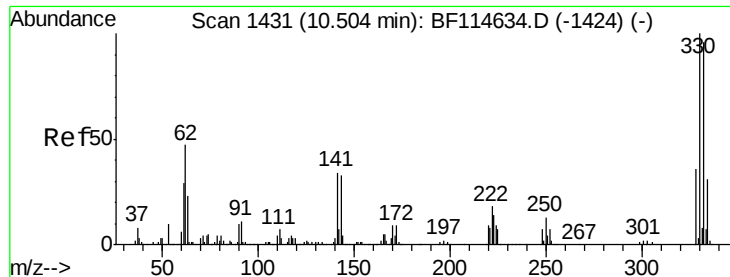


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

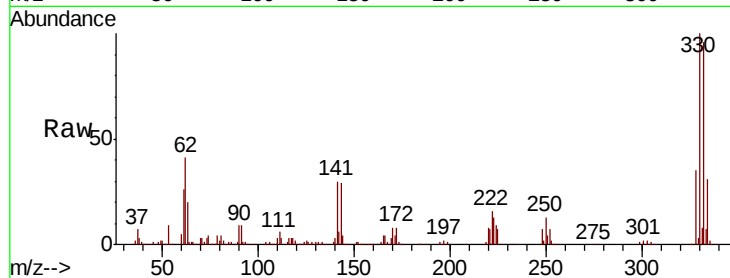




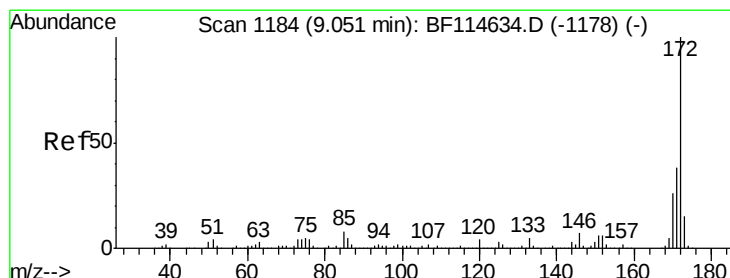
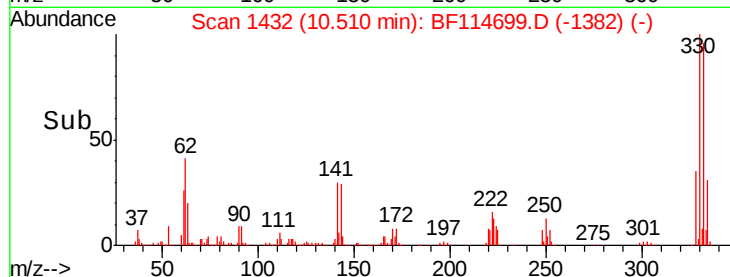
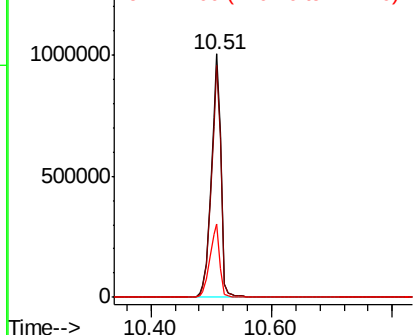
#42
 2,4,6-Tribromophenol
 Concen: 122.109 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF114699.D
 Acq: 31 May 2019 11:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1124208
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 31.2 26.2 39.2

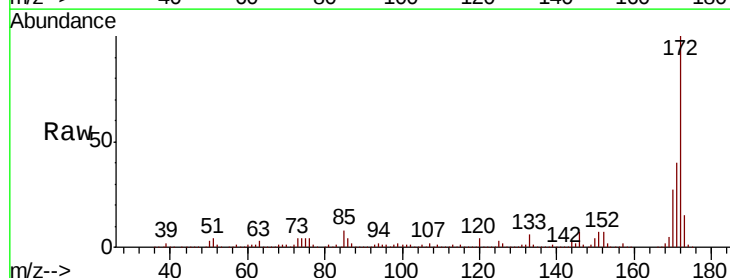


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

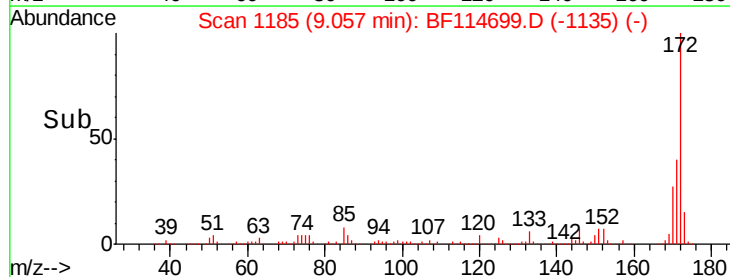
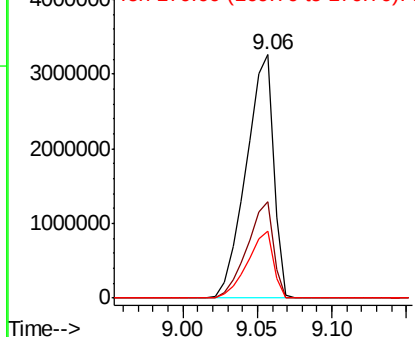


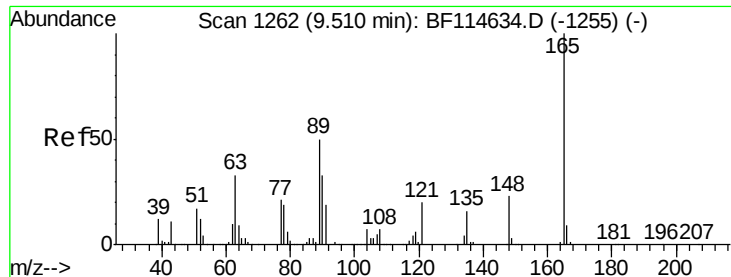
#45
 2-Fluorobiphenyl
 Concen: 79.626 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF114699.D
 Acq: 31 May 2019 11:07

Tgt Ion:172 Resp: 4147717
 Ion Ratio Lower Upper
 172 100
 171 39.7 31.6 47.4
 170 27.3 21.5 32.3



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: 8.121 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114699.D

Acq: 31 May 2019 11:07

Instrument :

BNA_F

ClientSampleId :

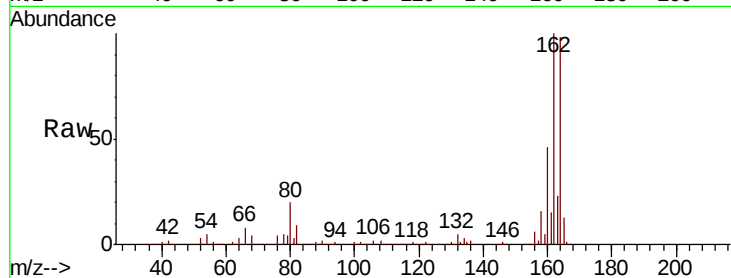
Tot Ion:165 Resp: 127046

Ion Ratio Lower Upper

165 100

63 1.0 40.7 61.1#

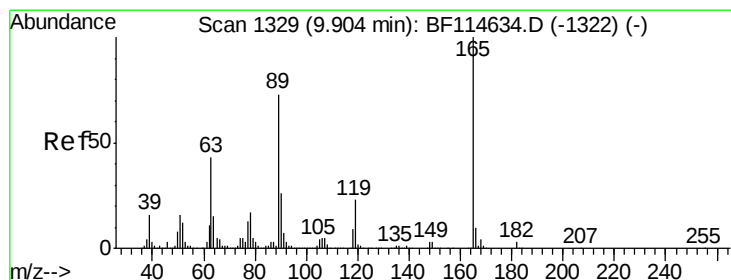
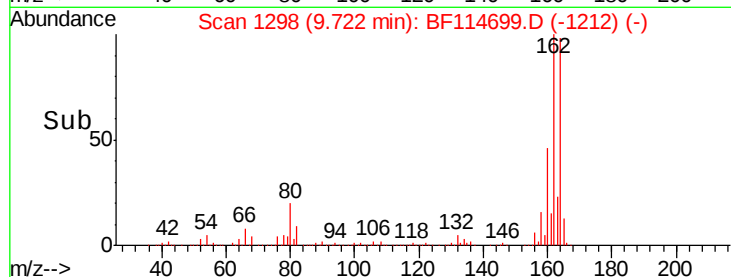
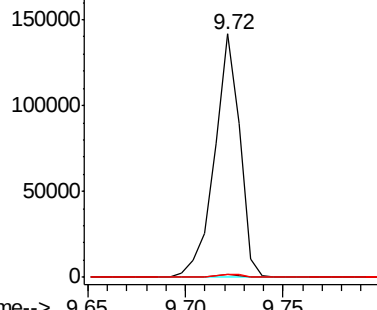
89 1.3 42.6 63.8#



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: 6.328 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.19 min

Lab File: BF114699.D

Acq: 31 May 2019 11:07

Tgt Ion:165 Resp: 127046

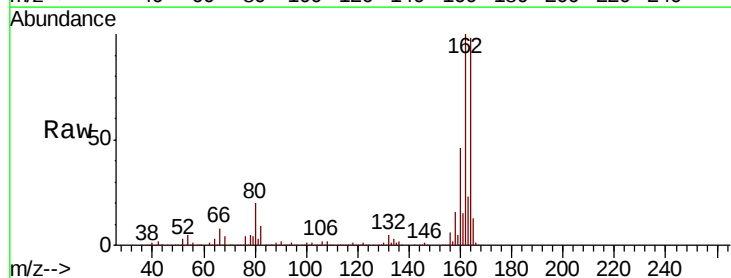
Ion Ratio Lower Upper

165 100

63 1.0 32.5 48.7#

89 1.3 54.9 82.3#

182 0.0 2.2 3.2#

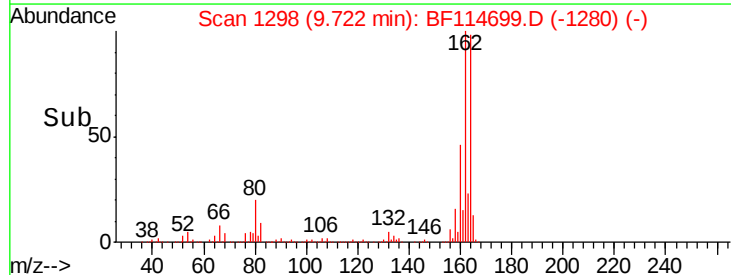
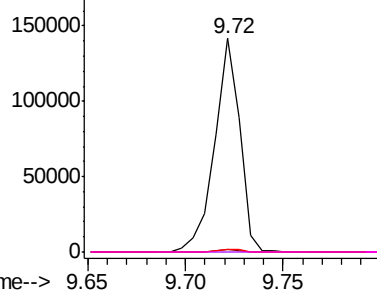


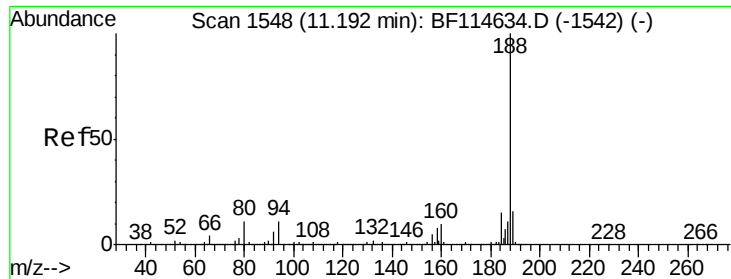
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

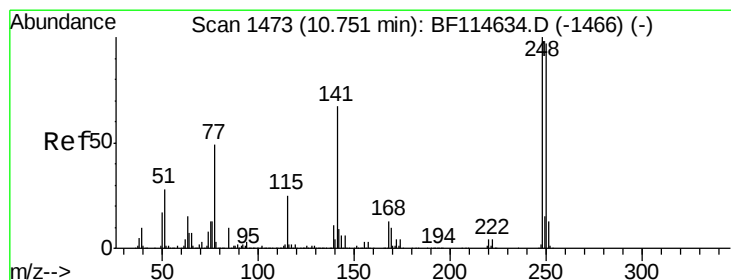
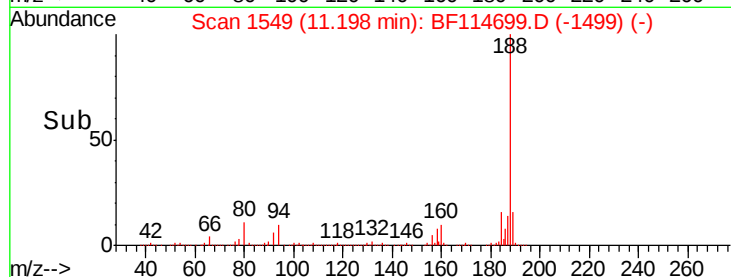
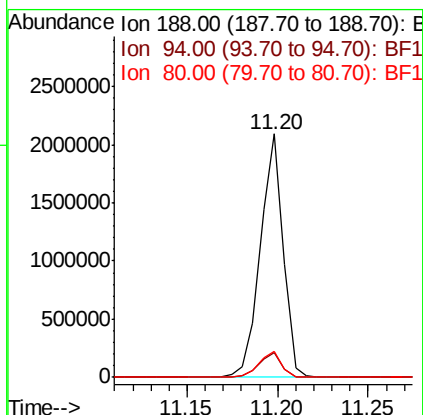
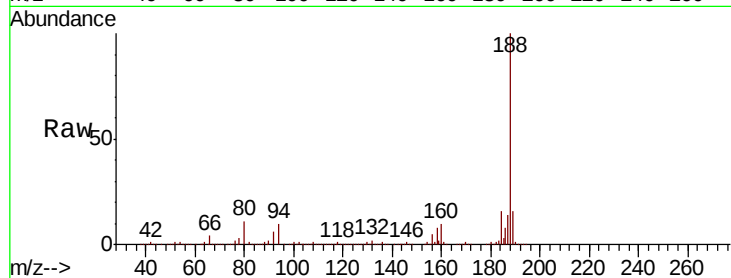




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF114699.D
 Acq: 31 May 2019 11:07

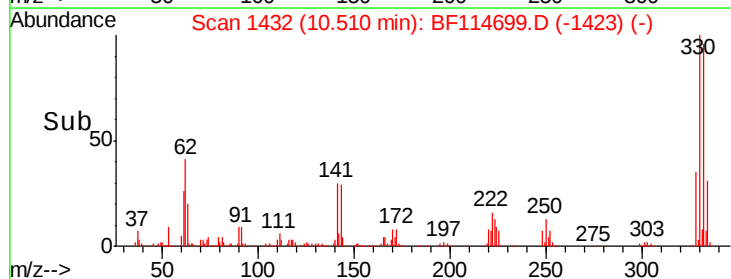
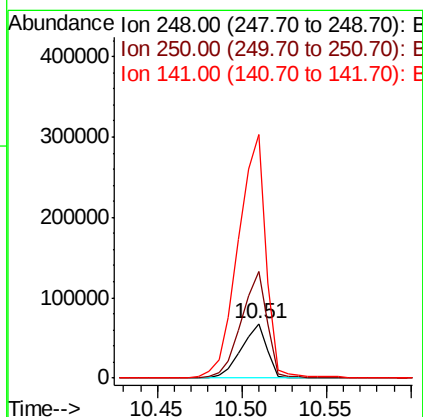
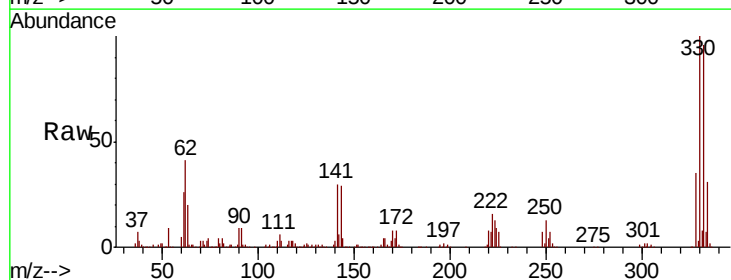
Instrument :
 BNA_F
 ClientSampleId :

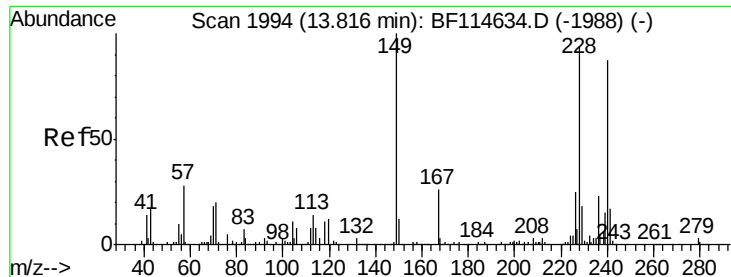
Tot Ion:188 Resp: 1833560
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.6 11.4
 80 10.5 8.2 12.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.680 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF114699.D
 Acq: 31 May 2019 11:07

Tgt Ion:248 Resp: 72350
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.8 115.2#
 141 447.3 56.6 84.8#

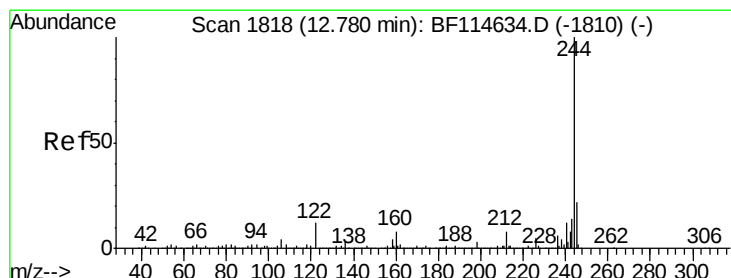
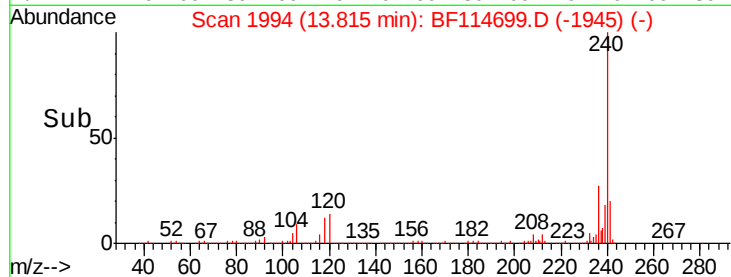
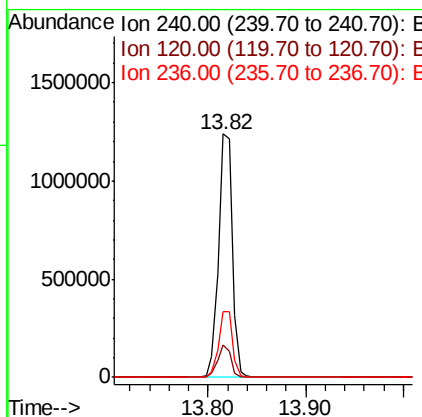
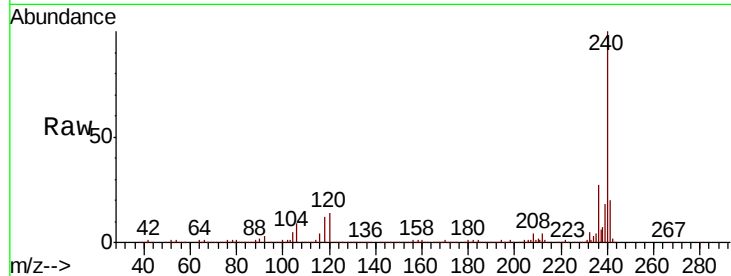




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114699.D
Acq: 31 May 2019 11:07

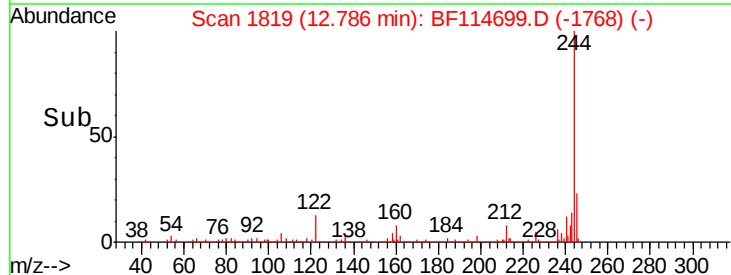
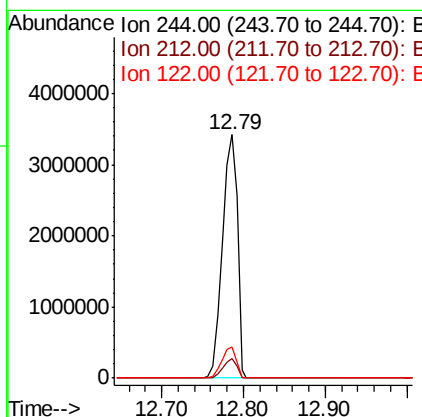
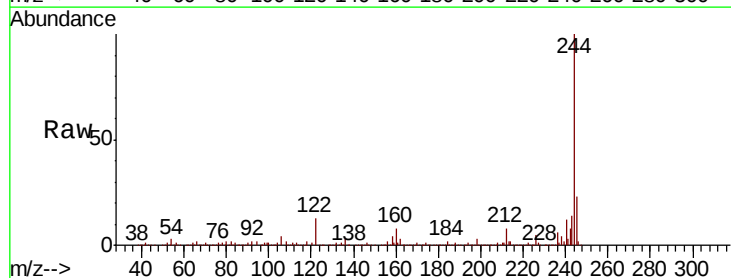
Instrument :
BNA_F
ClientSampleId :

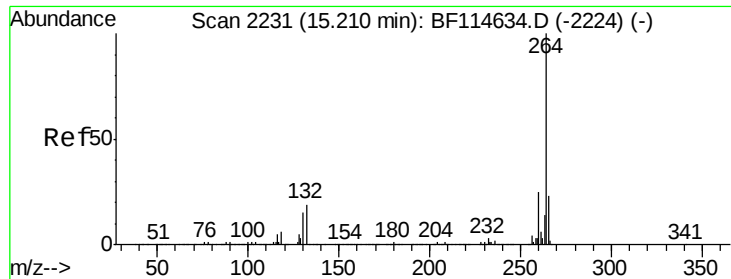
Tot Ion:240 Resp: 1225086
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 26.8 21.9 32.9



#79
Terphenyl-d14
Concen: 66.417 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF114699.D
Acq: 31 May 2019 11:07

Tgt Ion:244 Resp: 4327635
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 12.6 10.2 15.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF114699.D
 Acq: 31 May 2019 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 1065938

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.3	30.5
265	21.8	18.0	27.0

