

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114849.D
 Acq On : 6 Jun 2019 9:05
 Operator : HP/JU
 Sample : K3151-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-A

Quant Time: Jun 06 23:58:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

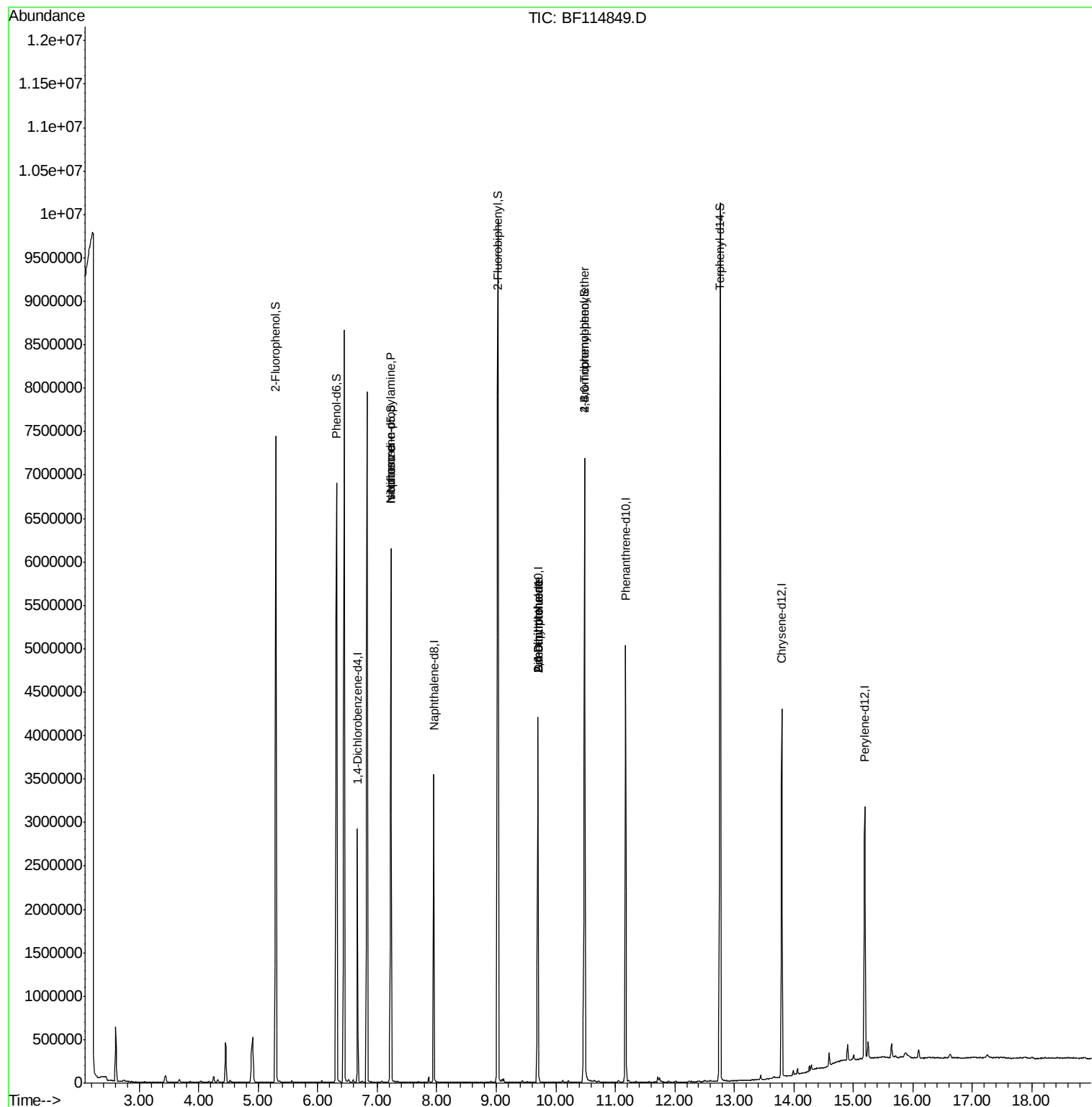
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	447774	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1751981	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	913256	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1822304	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1366268	20.00	ng	0.00
87) Perylene-d12	15.19	264	1335646	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2742610	107.03	ng	0.04
7) Phenol-d6	6.32	99	3101860	99.48	ng	0.01
23) Nitrobenzene-d5	7.23	82	2346007	82.43	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1220443	124.01	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4157173	85.27	ng	0.00
79) Terphenyl-d14	12.76	244	4627067	65.86	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	319710	15.489	ng	# 77
25) Isophorone	7.23	82	2272177	40.384	ng	# 61
50) Dimethylphthalate	9.70	163	258247	3.872	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	119806	7.638	ng	# 33
57) 2,4-Dinitrotoluene	9.70	165	119806	6.075	ng	# 32
58) Fluorene	10.49	166	52292	Below Cal		# 90
67) 4-Bromophenyl-phenylether	10.49	248	77763	3.757	ng	# 1

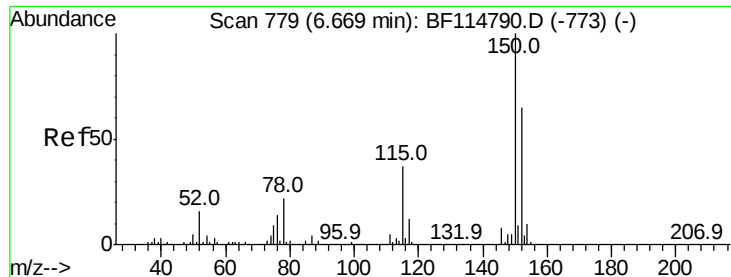
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114849.D
Acq On : 6 Jun 2019 9:05
Operator : HP/JU
Sample : K3151-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

Quant Time: Jun 06 23:58:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration



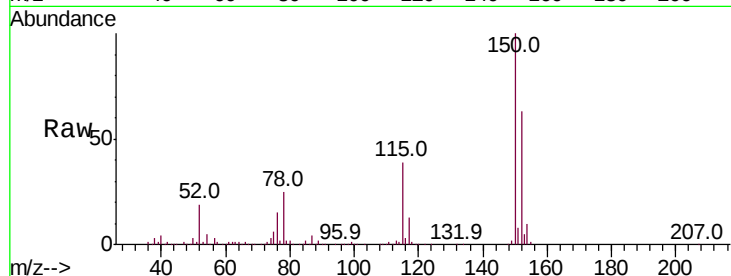


#1

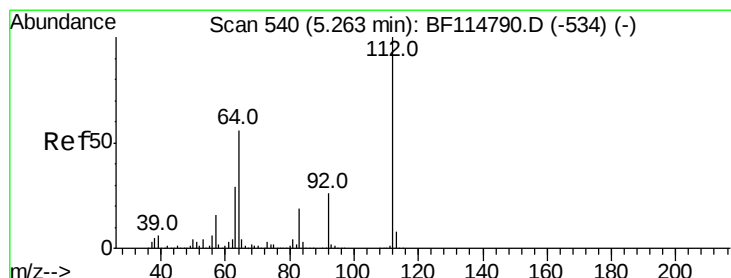
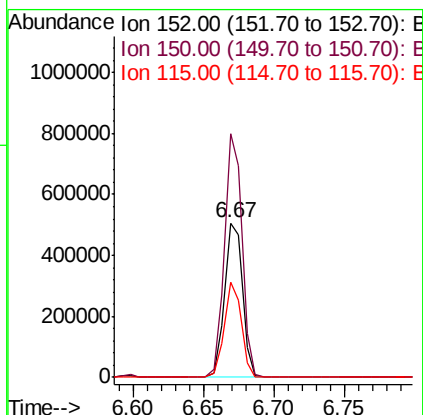
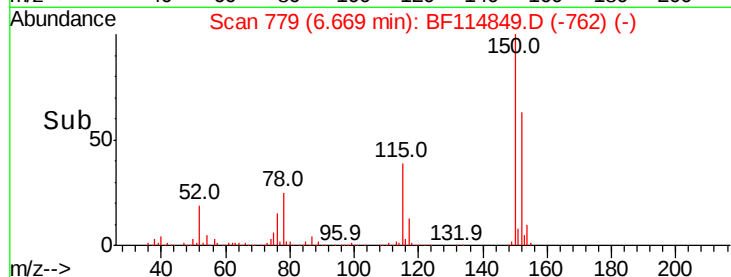
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

Tot Ion:152 Resp: 447774
Ion Ratio Lower Upper
152 100
150 158.1 124.0 186.0
115 61.7 46.3 69.5



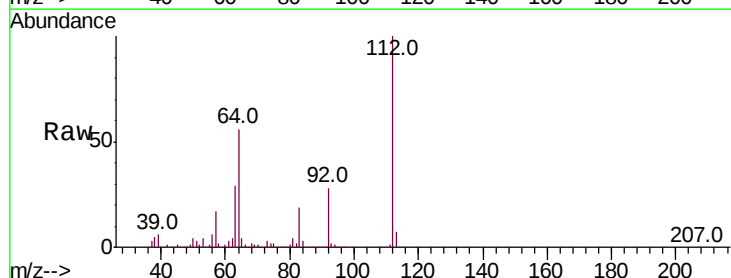
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



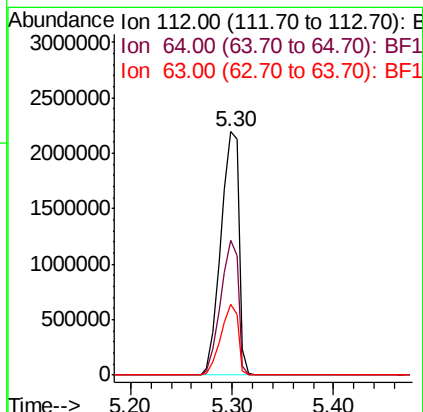
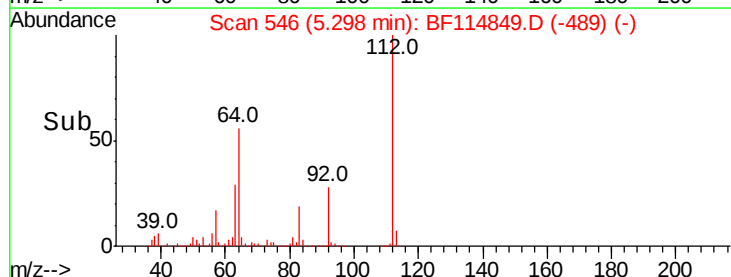
#5

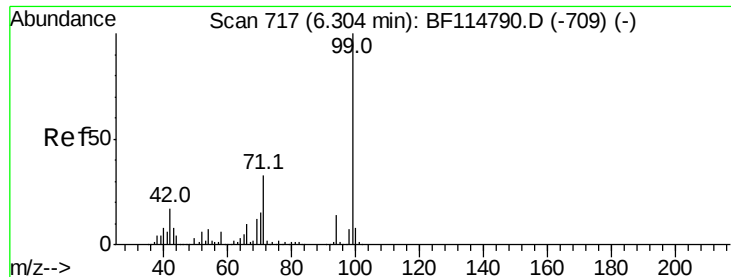
2-Fluorophenol
Concen: 107.025 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Tgt Ion:112 Resp: 2742610
Ion Ratio Lower Upper
112 100
64 55.6 44.6 66.8
63 29.1 23.0 34.4



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: 99.477 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-A

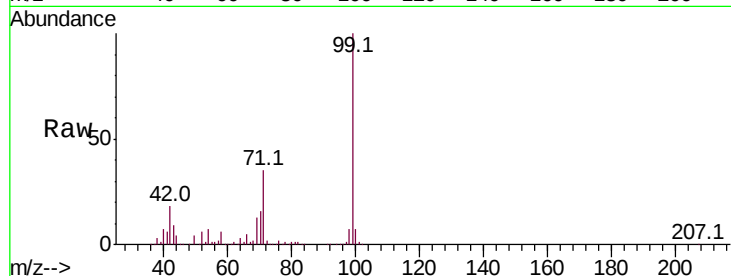
Tot Ion: 99 Resp: 3101860

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

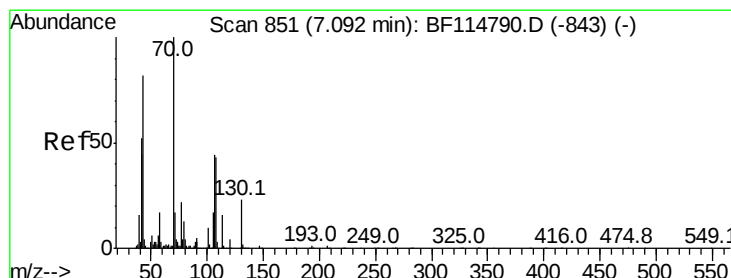
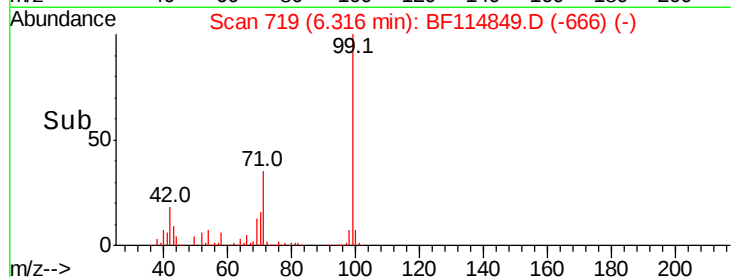
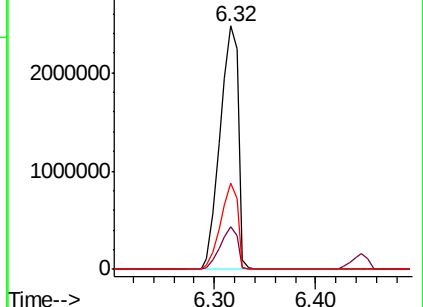
71 35.3 26.3 39.5



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: 15.489 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Tgt Ion: 70 Resp: 319710

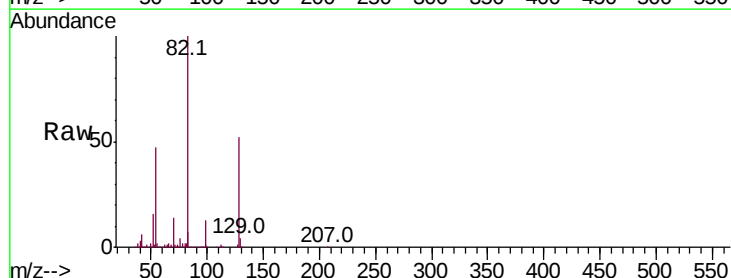
Ion Ratio Lower Upper

70 100

42 42.6 41.8 62.8

101 0.0 8.2 12.4#

130 2.5 18.5 27.7#

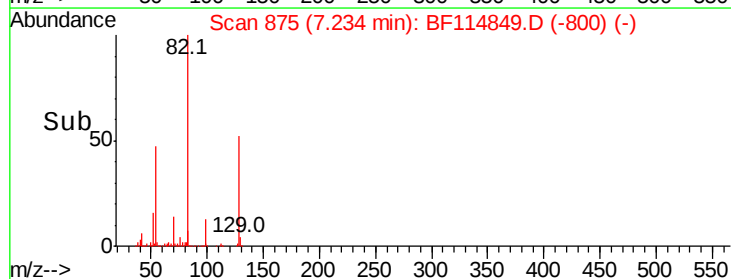
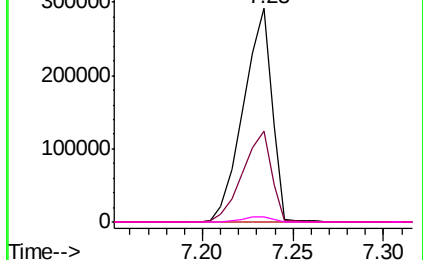


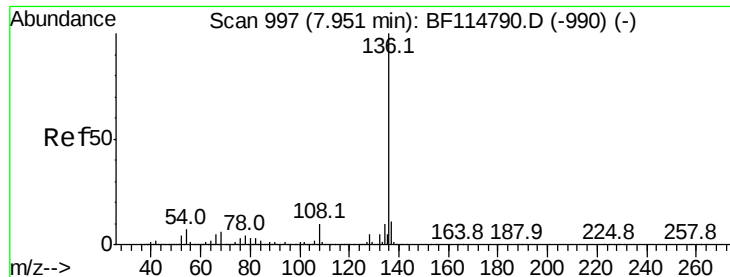
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-A

Tot Ion:136 Resp: 1751981

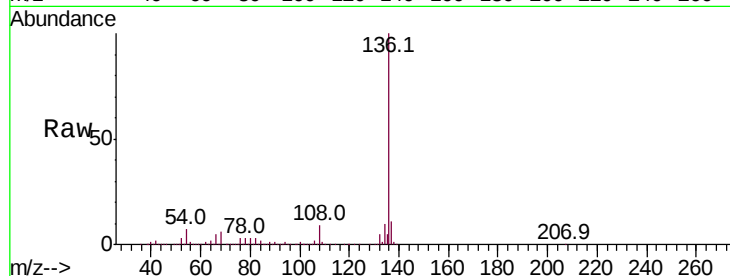
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.6	5.4	8.0
68	5.7	4.6	6.8

136 100

137 11.3 9.1 13.7

54 6.6 5.4 8.0

68 5.7 4.6 6.8

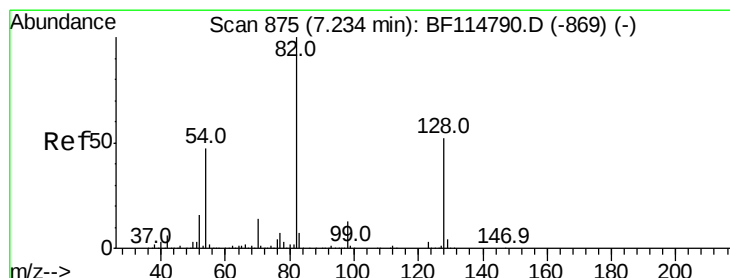
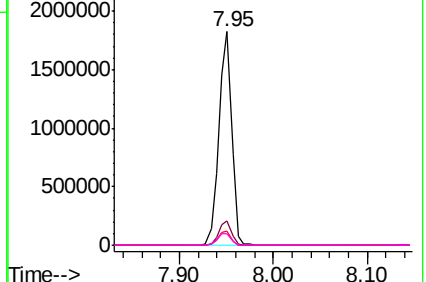
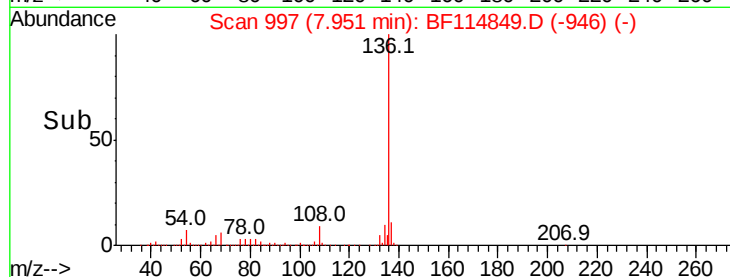


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.430 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

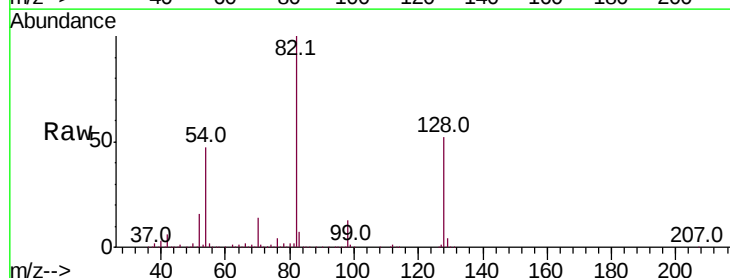
Tgt Ion: 82 Resp: 2346007

Ion	Ratio	Lower	Upper
82	100		
128	52.3	41.8	62.6
54	47.3	37.9	56.9

82 100

128 52.3 41.8 62.6

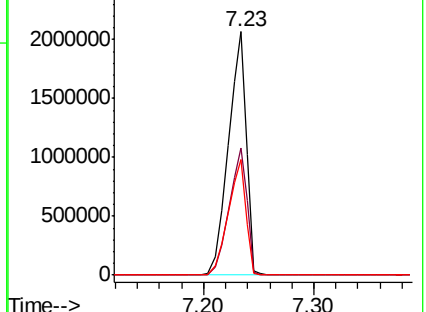
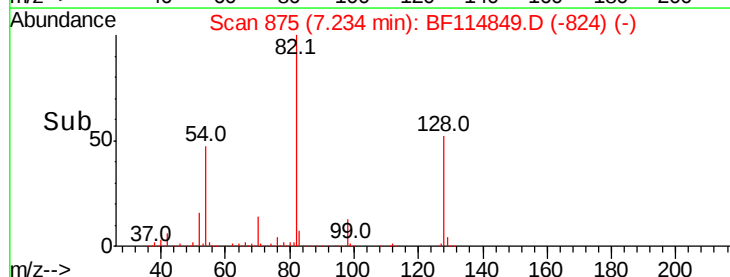
54 47.3 37.9 56.9

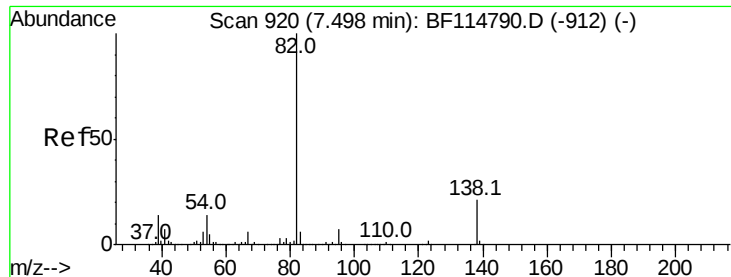


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.384 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-A

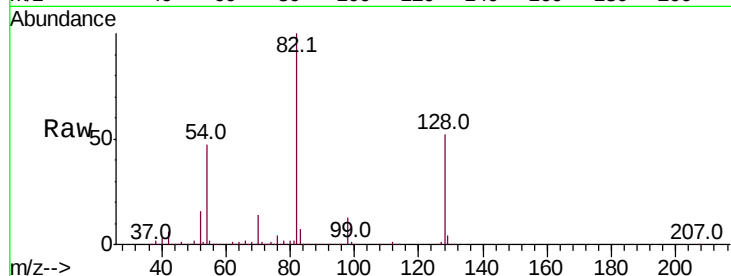
Tot Ion: 82 Resp: 2272177

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

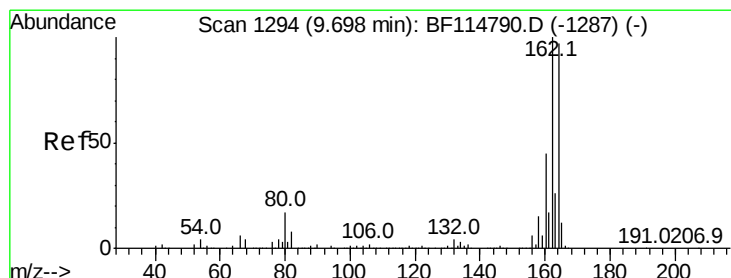
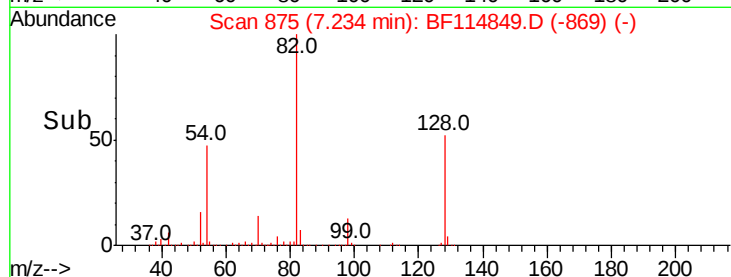
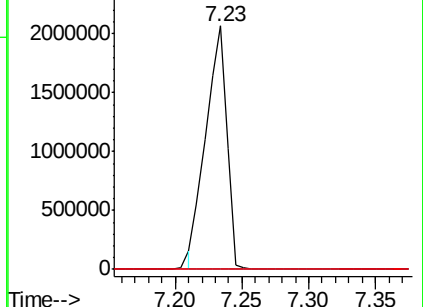
138 0.0 16.9 25.3#



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: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

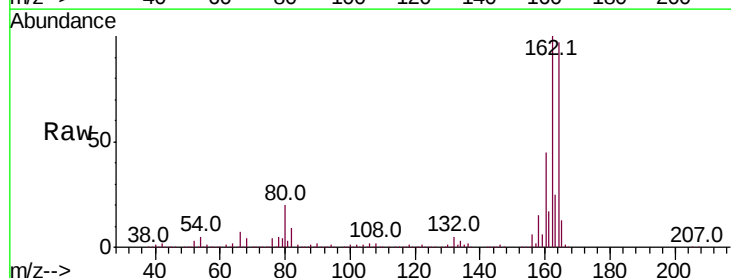
Tgt Ion: 164 Resp: 913256

Ion Ratio Lower Upper

164 100

162 103.6 82.3 123.5

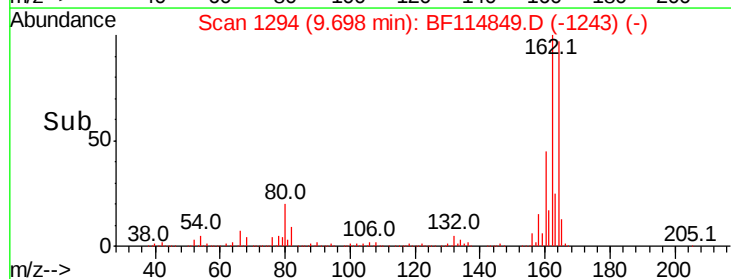
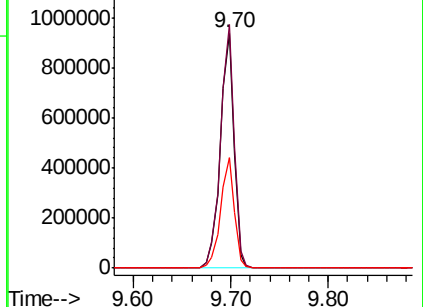
160 46.8 36.7 55.1

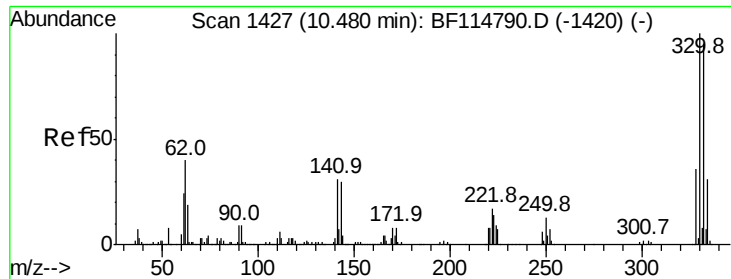


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 124.006 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-A

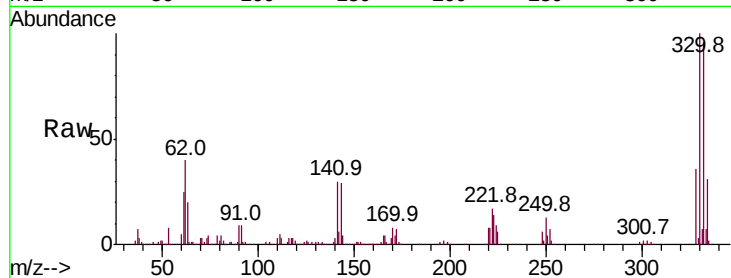
Tot Ion:330 Resp: 1220443

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

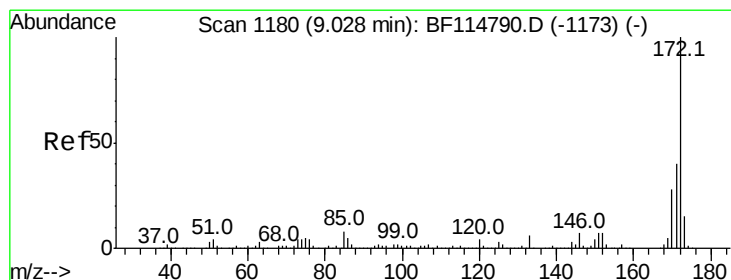
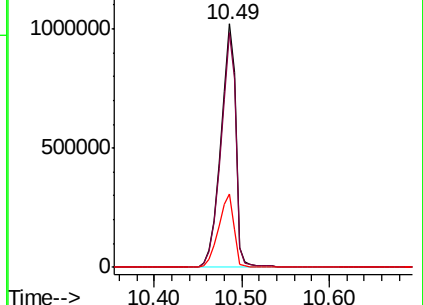
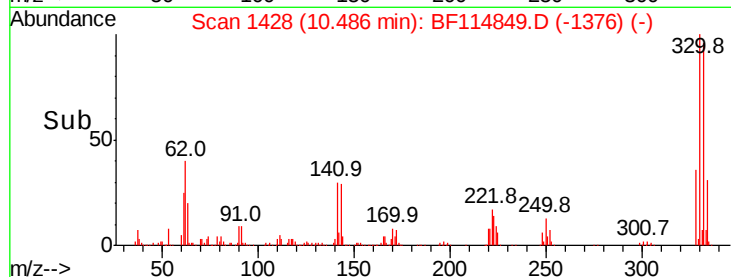
141 31.3 26.2 39.4



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: 85.272 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

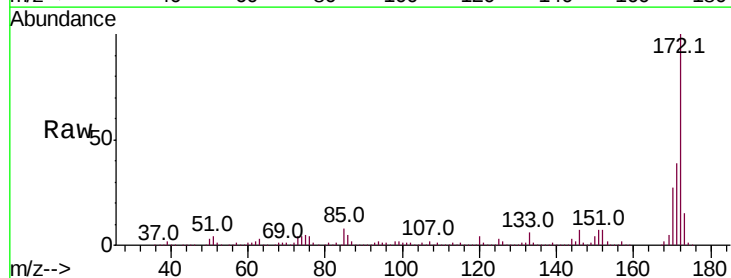
Tgt Ion:172 Resp: 4157173

Ion Ratio Lower Upper

172 100

171 39.3 32.3 48.5

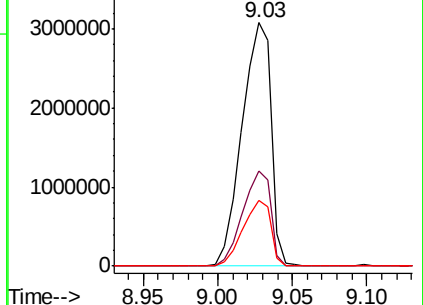
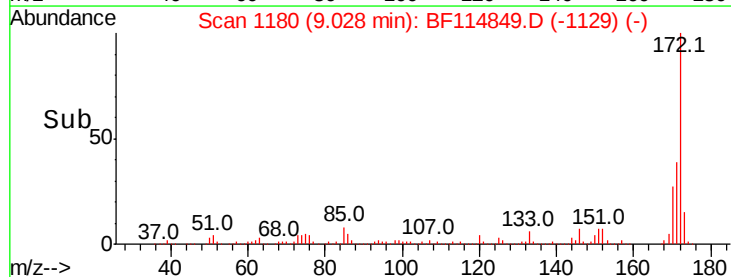
170 26.8 22.4 33.6

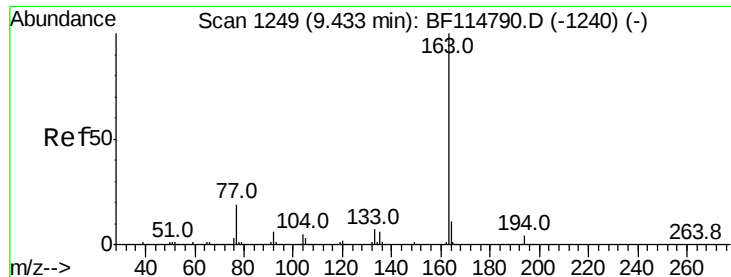


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

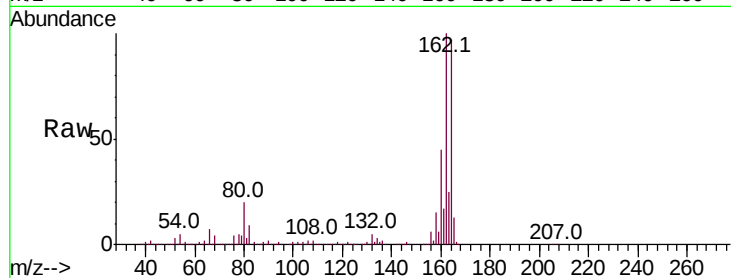




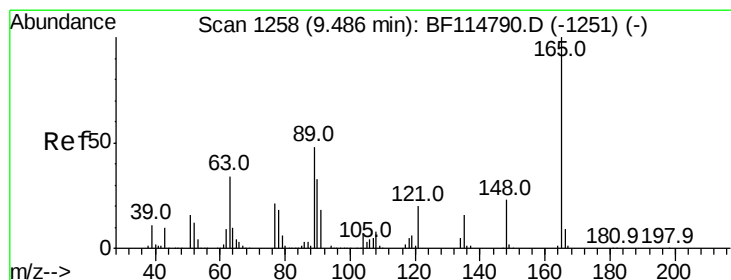
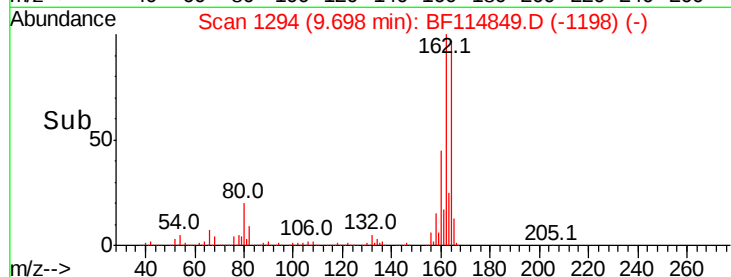
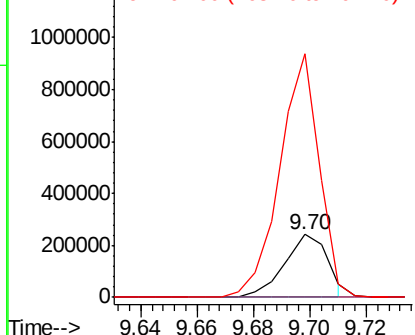
#50
Dimethylphthalate
Concen: 3.872 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.26 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

Tot Ion:163 Resp: 258247
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 386.3 8.6 13.0#

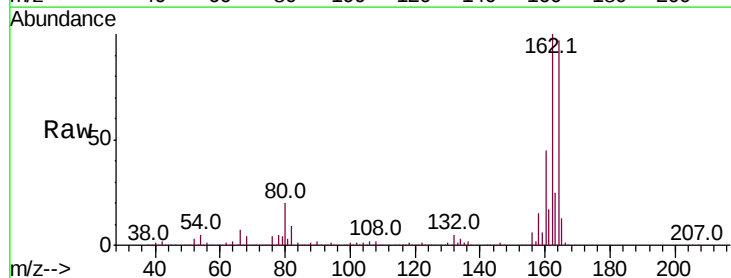


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

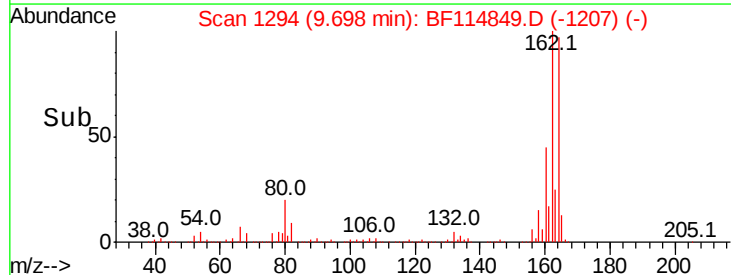
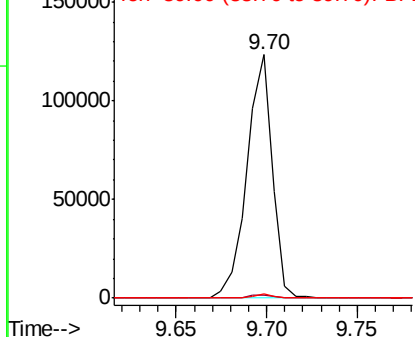


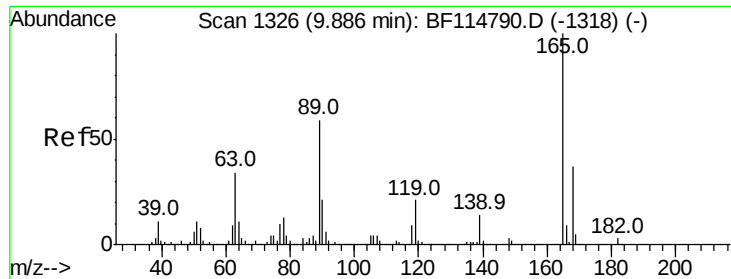
#51
2,6-Dinitrotoluene
Concen: 7.638 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.21 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Tgt Ion:165 Resp: 119806
Ion Ratio Lower Upper
165 100
63 1.2 35.1 52.7#
89 1.5 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

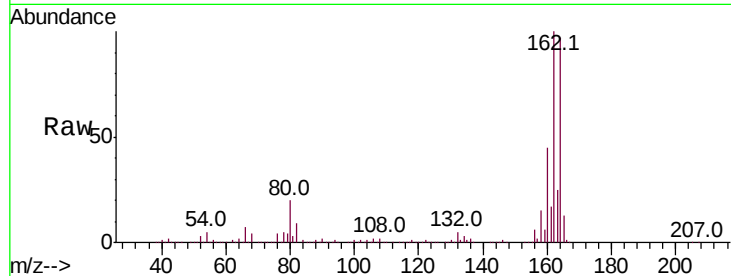




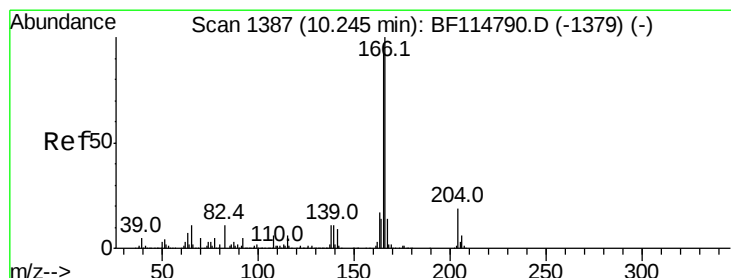
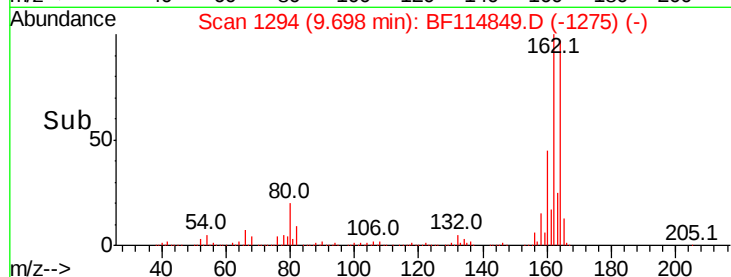
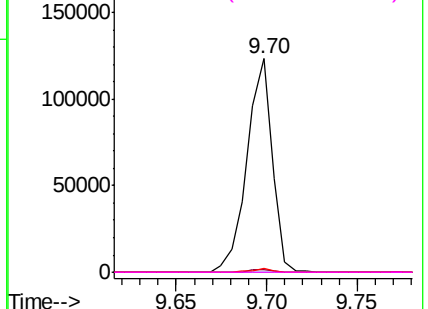
#57
2,4-Dinitrotoluene
Concen: 6.075 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.19 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.0	40.4#
89	1.5	47.0	70.6#
182	0.0	2.2	3.2#

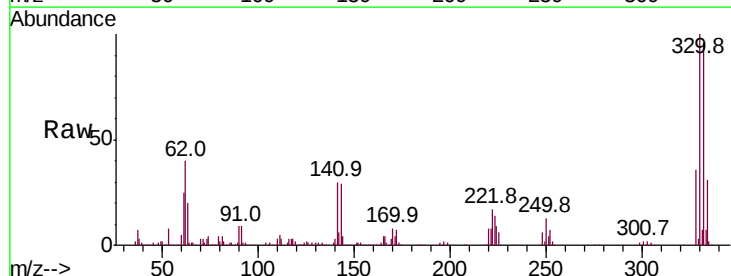


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

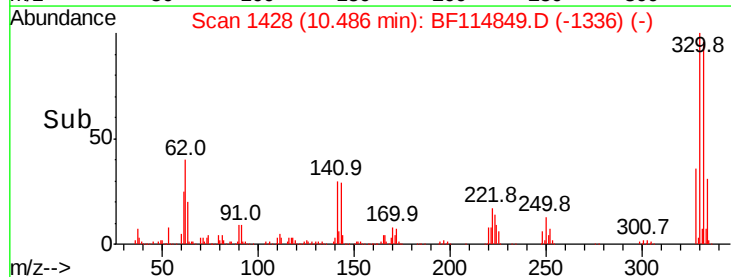
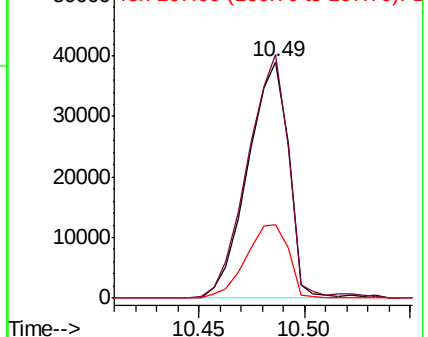


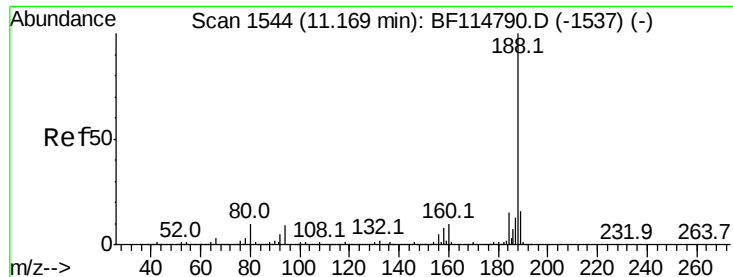
#58
Fluorene
Concen: Below Cal
RT: 10.49 min Scan# 1428
Delta R.T. 0.24 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.1	77.9	116.9
167	31.2	11.3	16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

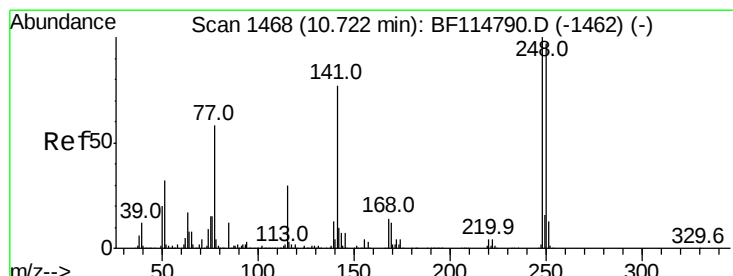
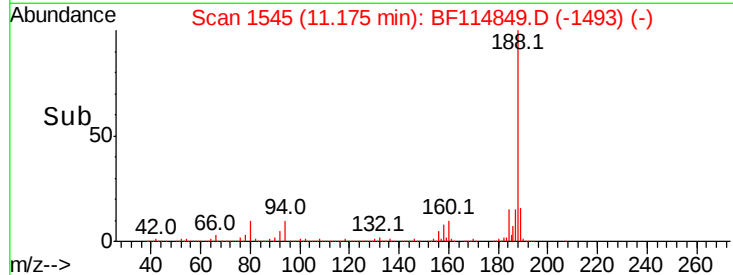
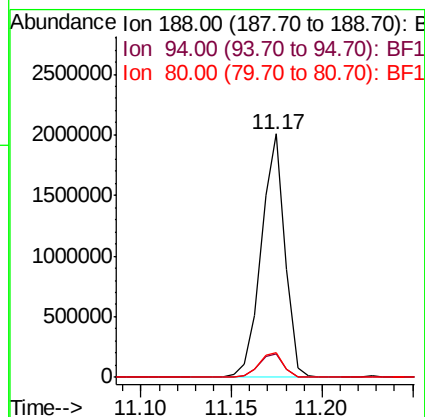
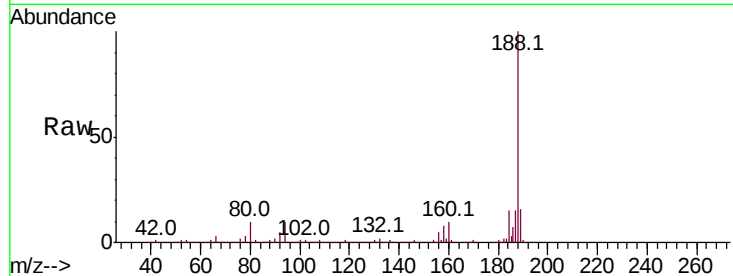




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

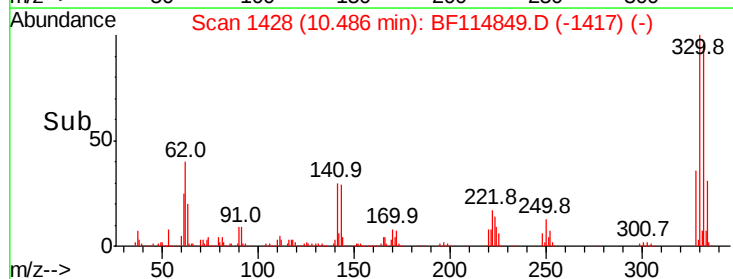
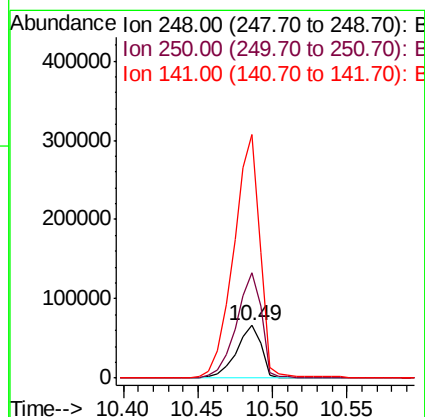
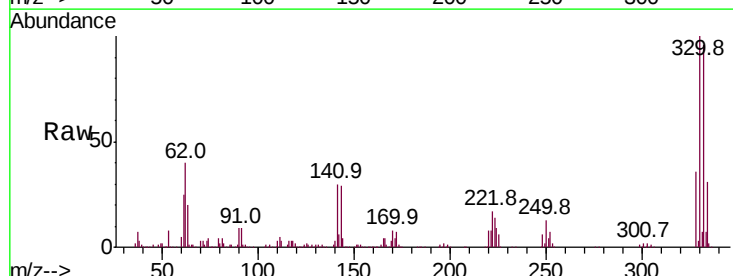
Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

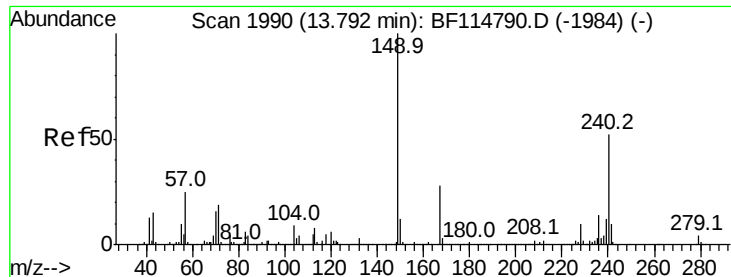
Tot Ion:188 Resp: 1822304
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.2 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.757 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.24 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Tgt Ion:248 Resp: 77763
Ion Ratio Lower Upper
248 100
250 201.4 77.5 116.3#
141 465.1 61.8 92.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-A

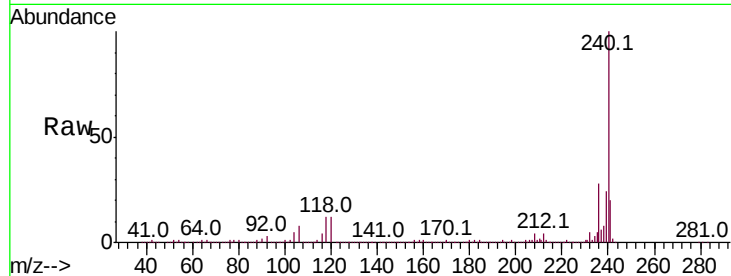
Tot Ion:240 Resp: 1366268

Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.4

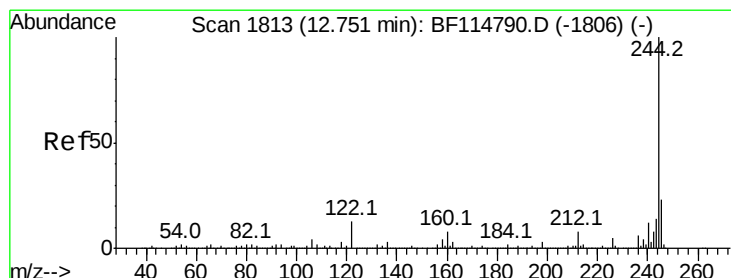
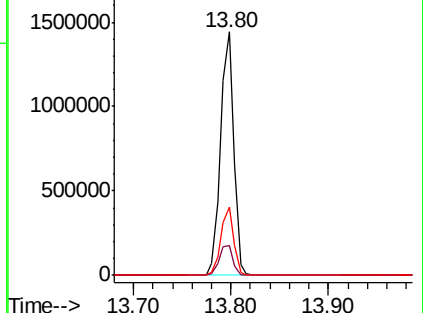
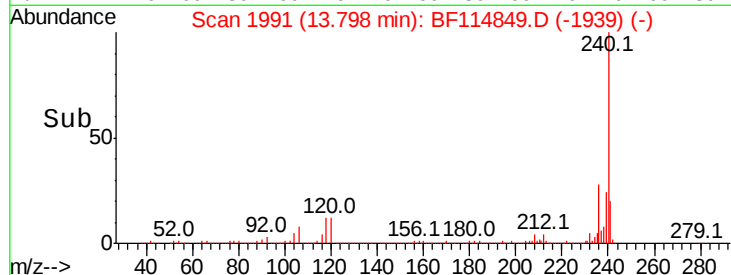
236 27.9 21.4 32.0



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: 65.862 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

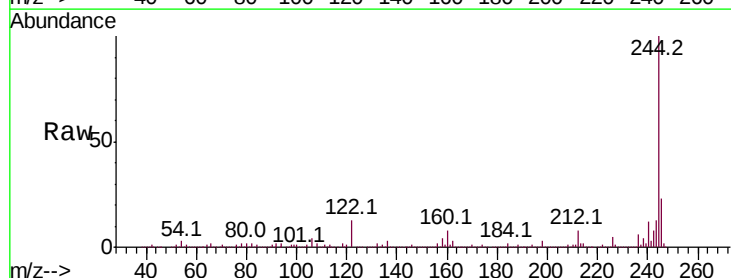
Tgt Ion:244 Resp: 4627067

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

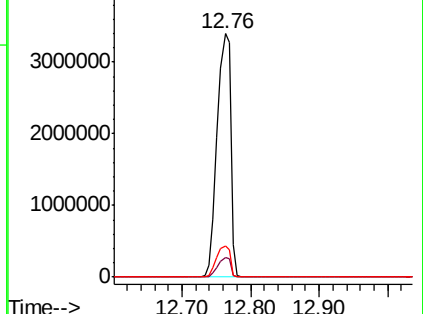
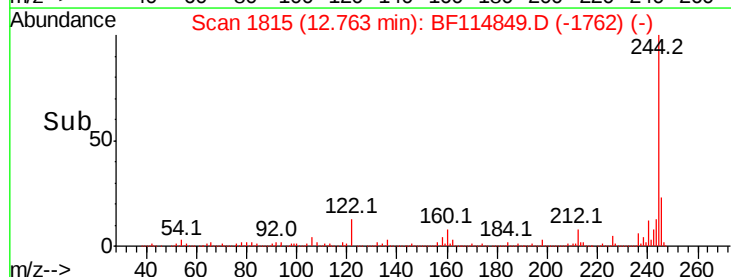
122 12.6 10.5 15.7

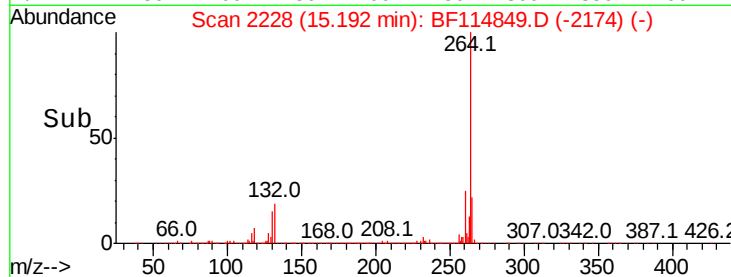
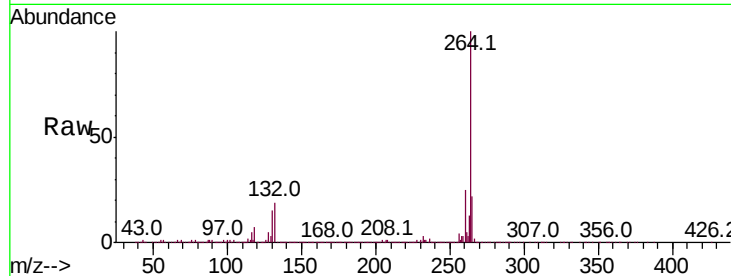
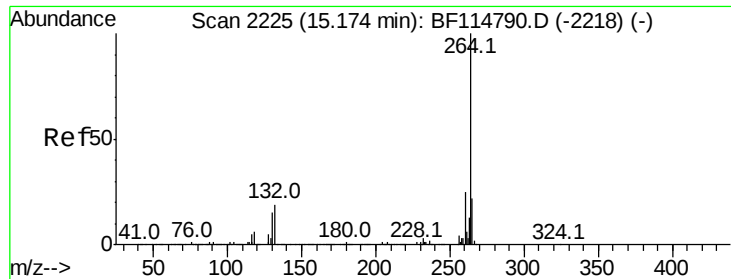


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.19 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

Tot Ion:264 Resp: 1335646

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.0	17.7	26.5

