

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118149.D
 Acq On : 9 Dec 2019 17:29
 Operator : JU
 Sample : K6187-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 00:54:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

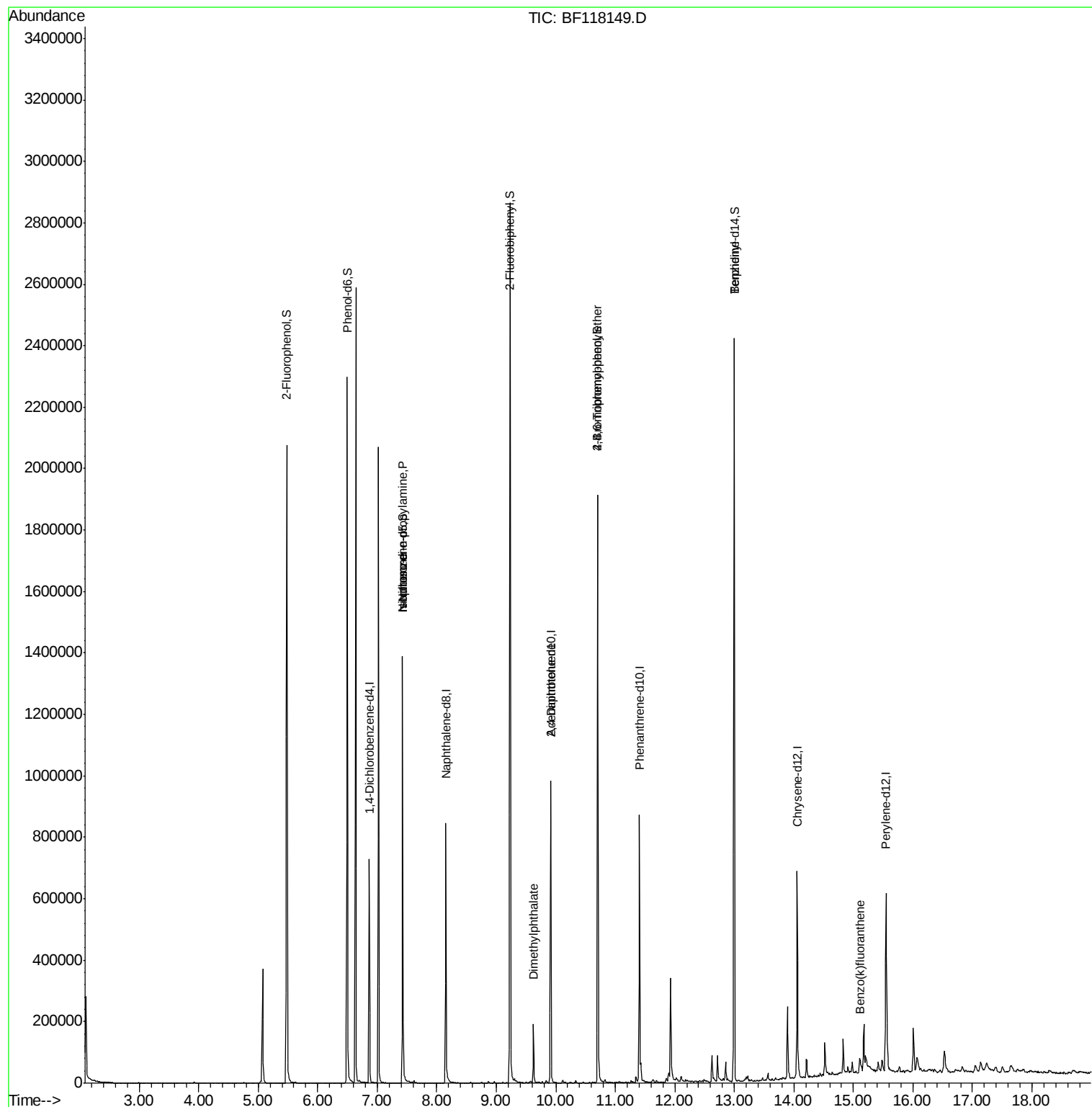
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	103092	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	404437	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	205616	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	348620	20.00	ng	0.00
76) Chrysene-d12	14.06	240	208317	20.00	ng	-0.01
87) Perylene-d12	15.55	264	267448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	605646	102.90	ng	0.00
7) Phenol-d6	6.50	99	764940	107.45	ng	0.00
23) Nitrobenzene-d5	7.43	82	455404	63.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	235945	94.46	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	910294	67.37	ng	0.00
79) Terphenyl-d14	13.00	244	810260	66.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1653	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	61742	14.272	ng	# 78
25) Isophorone	7.43	82	455399	37.368	ng	# 62
50) Dimethylphthalate	9.63	163	90941	5.988	ng	# 99
57) 2,4-Dinitrotoluene	9.92	165	26271	5.960	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	14352	3.606	ng	# 1
77) Benzydine	12.99	184	11105	2.025	ng	# 92
89) Benzo(k)fluoranthene	15.11	252	34166	2.011	ng	# 93

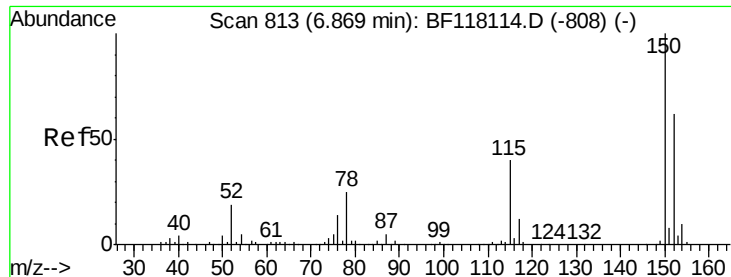
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118149.D
Acq On : 9 Dec 2019 17:29
Operator : JU
Sample : K6187-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 10 00:54:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



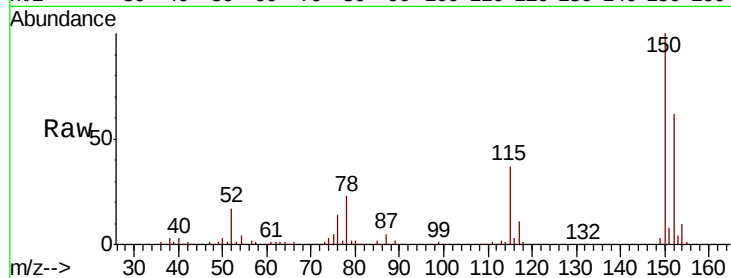


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118149.D
Acq: 9 Dec 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	128.3	192.5
115	60.8	51.1	76.7

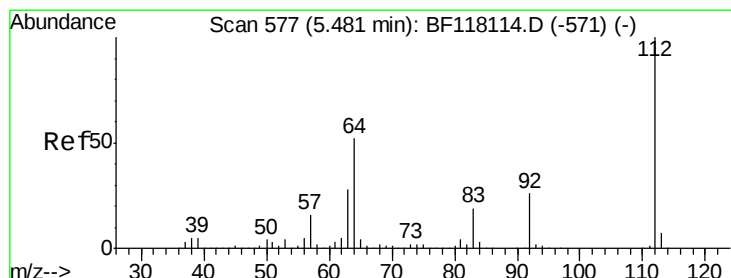
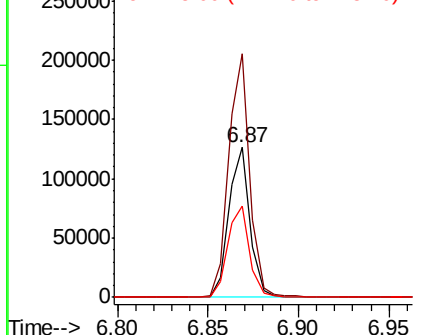
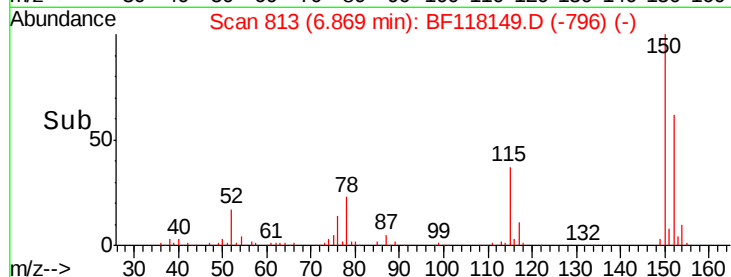


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

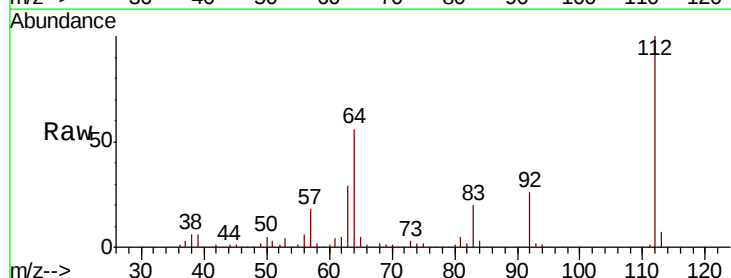
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.895 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118149.D
Acq: 9 Dec 2019 17:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	41.3	61.9
63	29.4	22.4	33.6

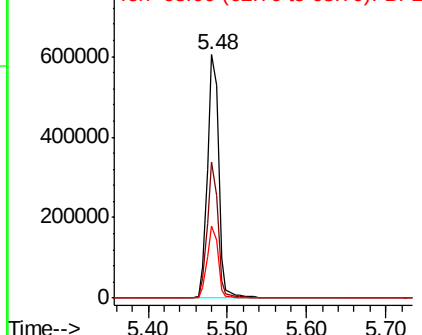
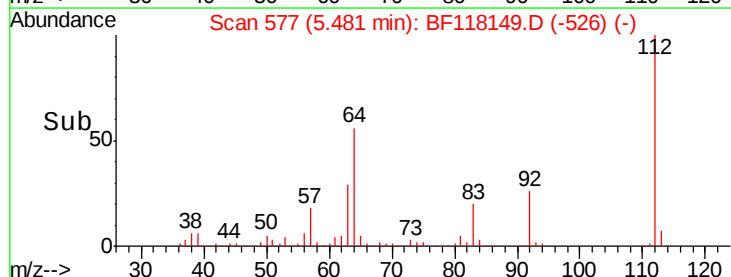


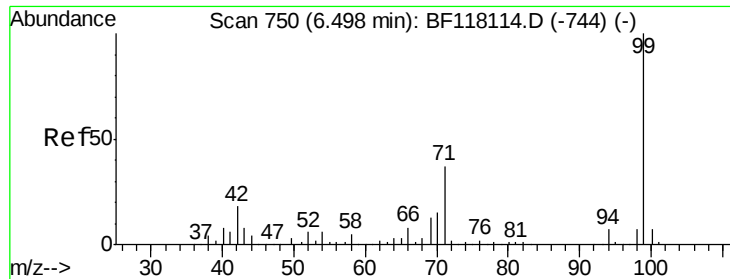
Abundance

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: 107.445 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

Instrument :

BNA_F

ClientSampleId :

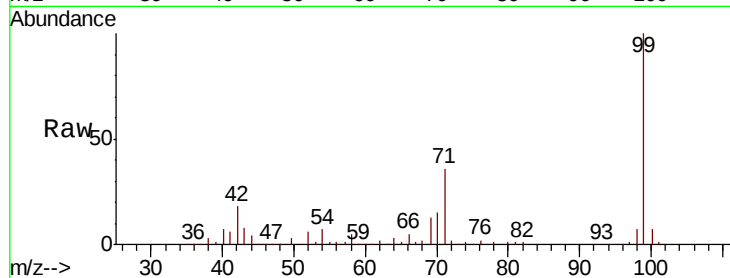
Tot Ion: 99 Resp: 764940

Ion Ratio Lower Upper

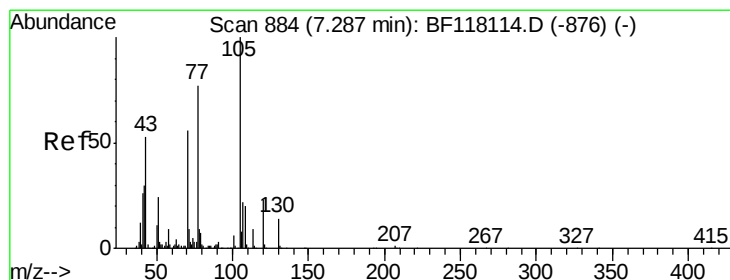
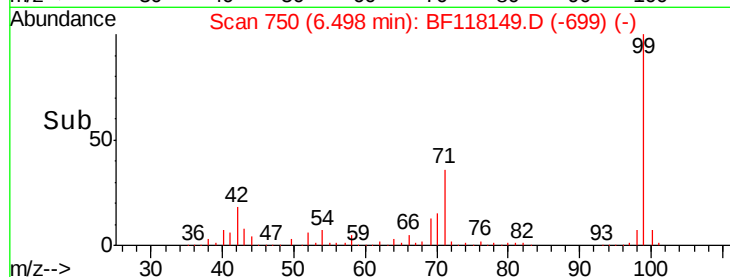
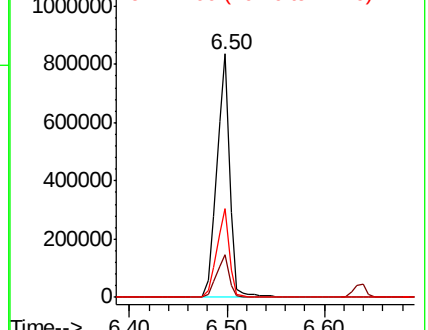
99 100

42 17.5 14.1 21.1

71 36.4 29.7 44.5



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: 14.272 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

Tgt Ion: 70 Resp: 61742

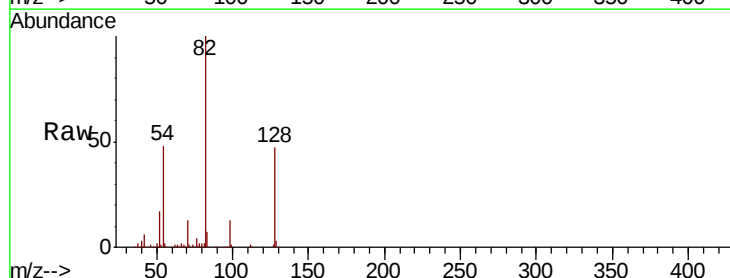
Ion Ratio Lower Upper

70 100

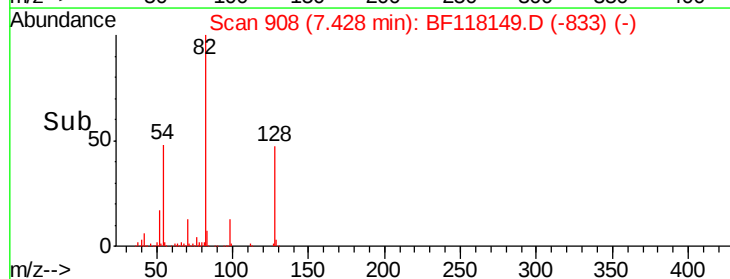
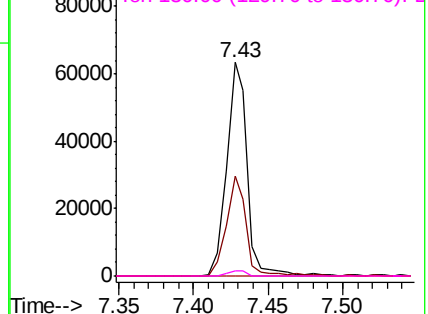
42 46.7 43.2 64.8

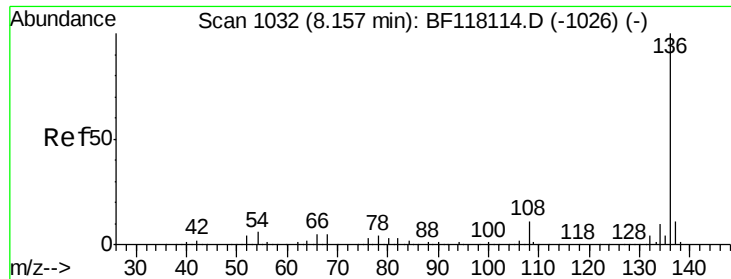
101 0.0 8.1 12.1#

130 2.3 19.8 29.8#



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 404437

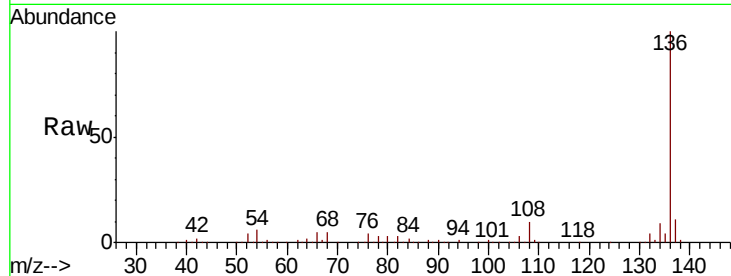
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.0 5.0 7.6

68 4.7 3.8 5.8

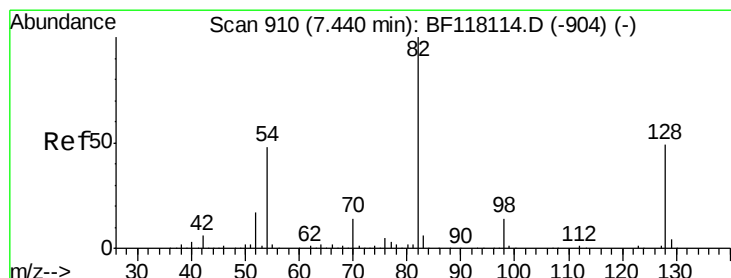
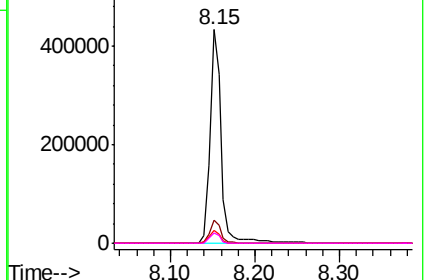
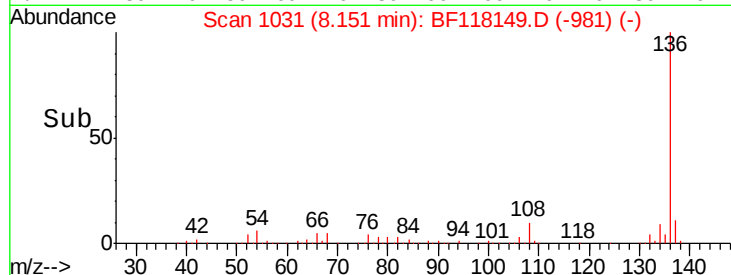


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.347 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

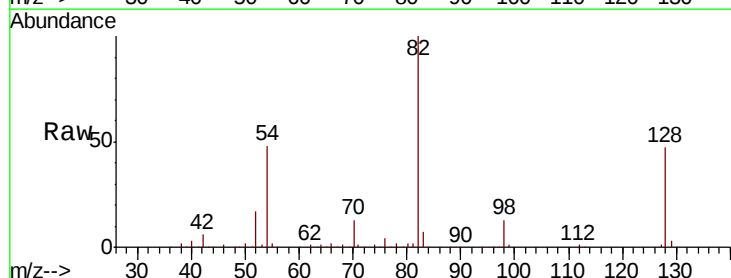
Tgt Ion: 82 Resp: 455404

Ion Ratio Lower Upper

82 100

128 47.4 39.1 58.7

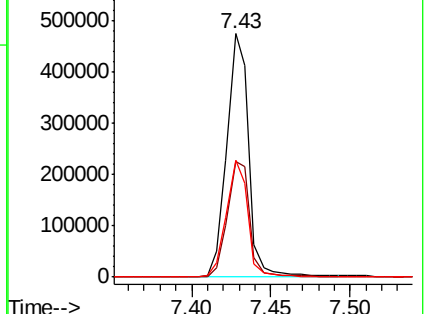
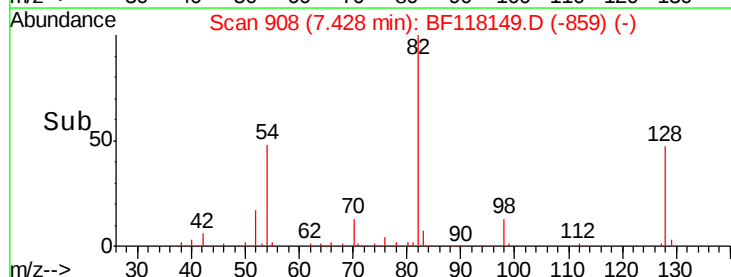
54 48.1 38.2 57.2

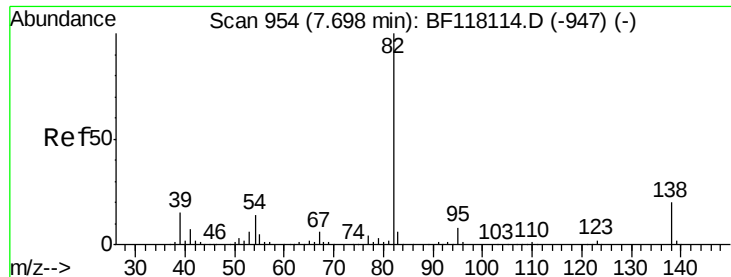


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.368 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

Instrument :

BNA_F

ClientSampleId :

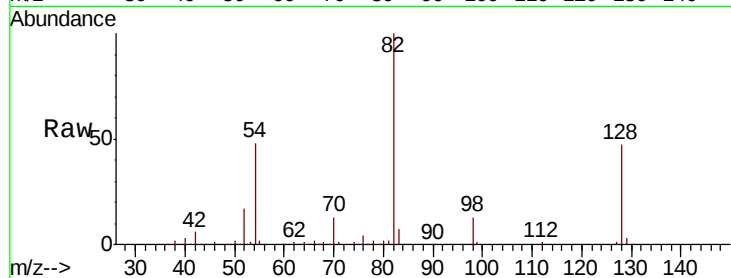
Tot Ion: 82 Resp: 455399

Ion Ratio Lower Upper

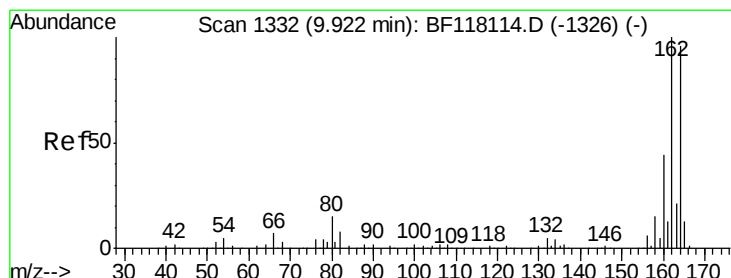
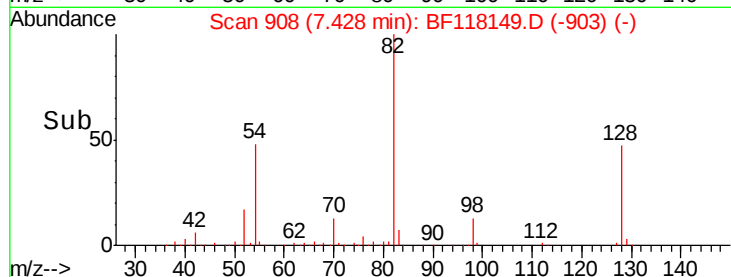
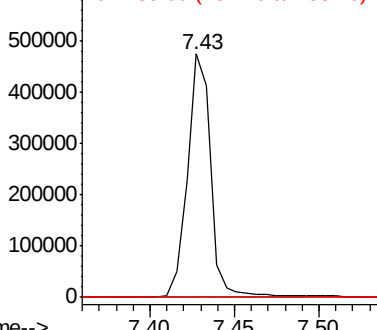
82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

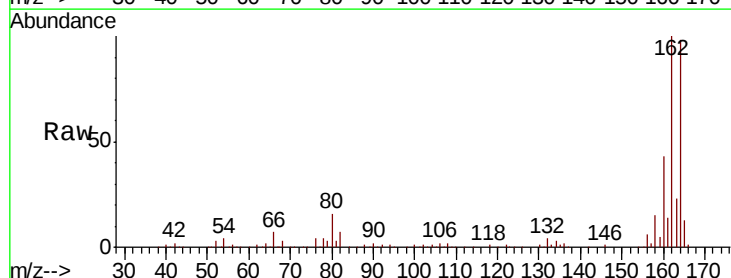
Tgt Ion: 164 Resp: 205616

Ion Ratio Lower Upper

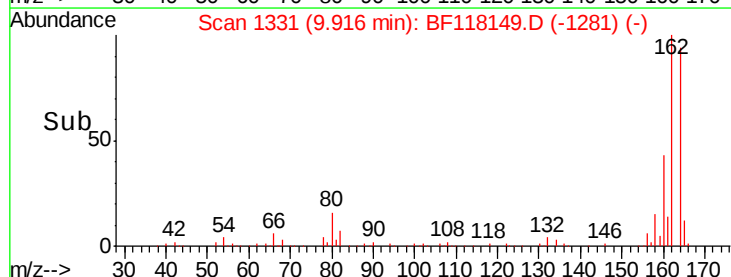
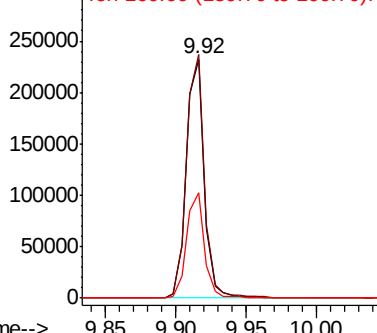
164 100

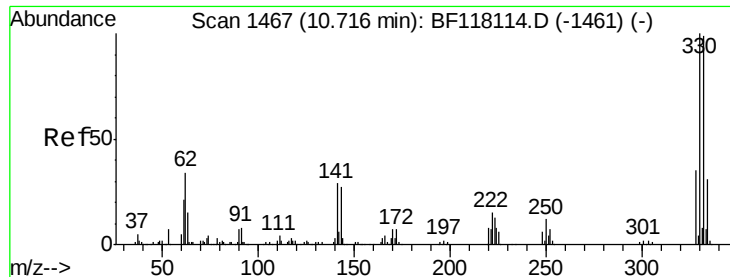
162 102.0 83.4 125.0

160 44.2 36.6 54.8



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: 94.459 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

Instrument :

BNA_F

ClientSampleId :

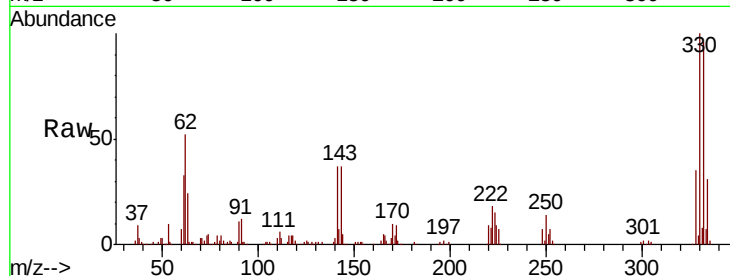
Tot Ion:330 Resp: 235945

Ion Ratio Lower Upper

330 100

332 97.7 78.1 117.1

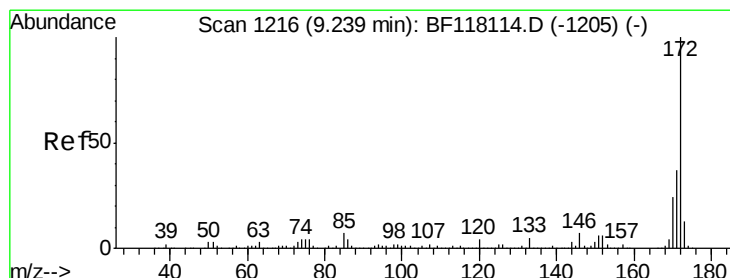
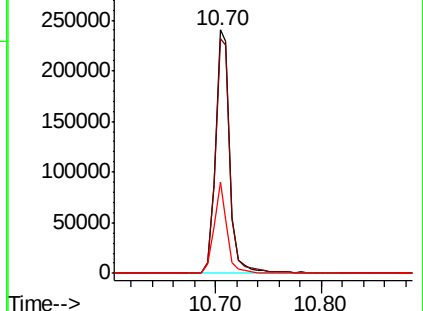
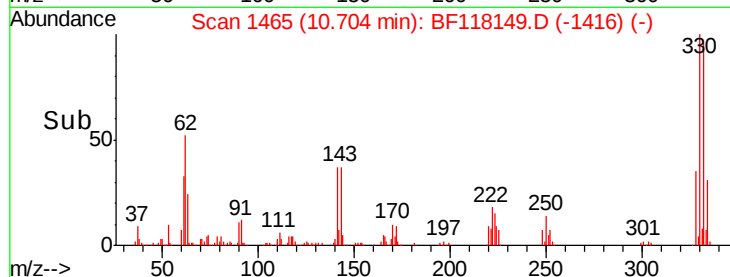
141 33.4 26.9 40.3



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: 67.366 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

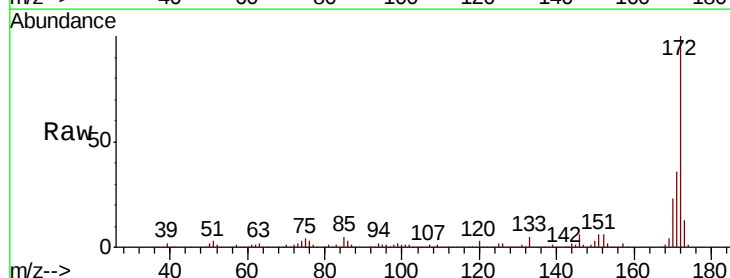
Tgt Ion:172 Resp: 910294

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

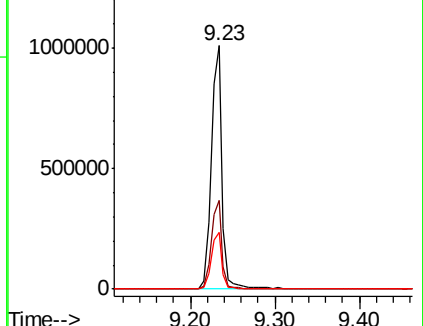
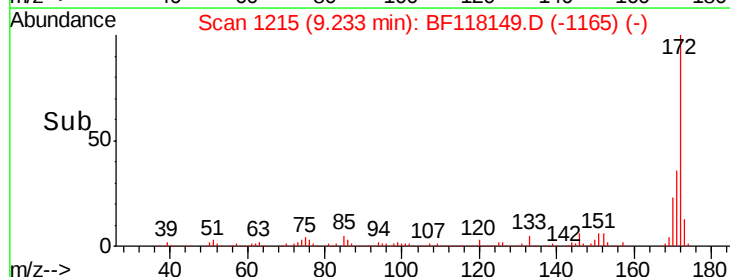
170 23.4 19.4 29.2

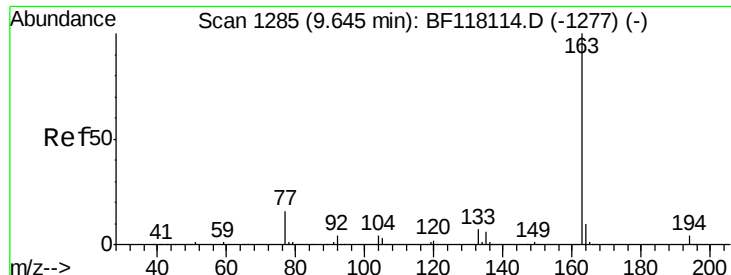


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.988 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

Instrument :

BNA_F

ClientSampleId :

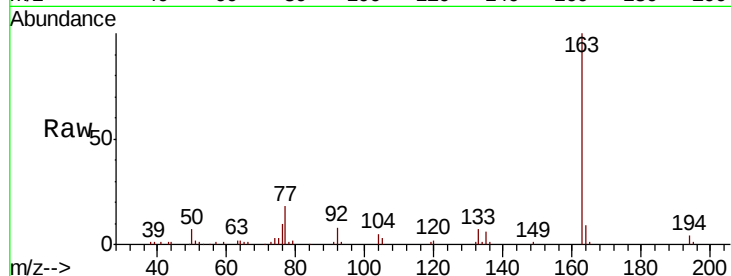
Tot Ion:163 Resp: 90941

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

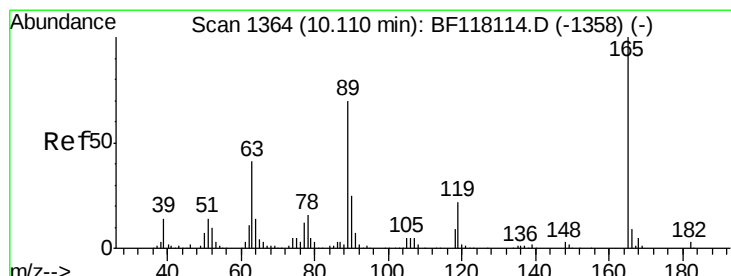
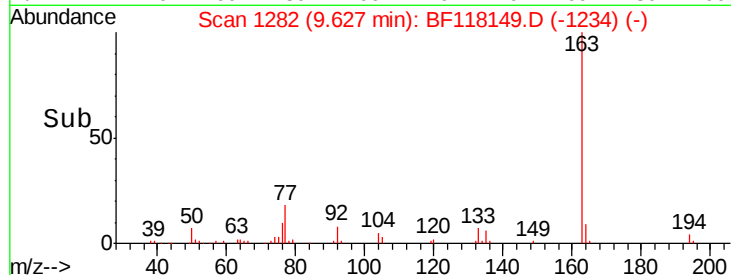
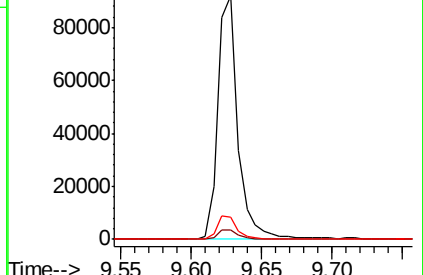
164 9.2 7.7 11.5



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



#57

2,4-Dinitrotoluene

Concen: 5.960 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

Tgt Ion:165 Resp: 26271

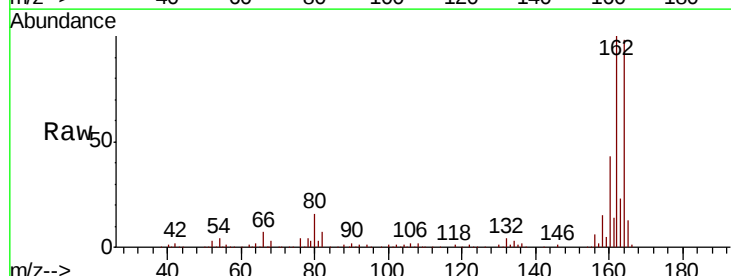
Ion Ratio Lower Upper

165 100

63 1.5 32.6 49.0#

89 1.2 56.1 84.1#

182 0.0 2.1 3.1#

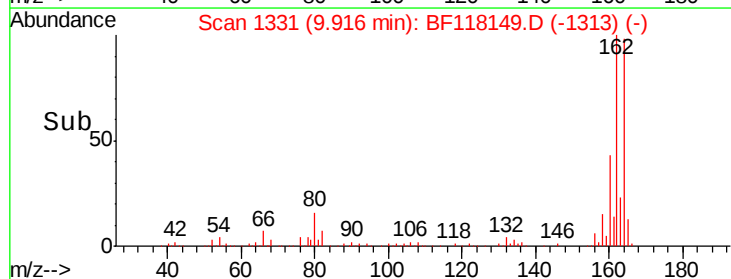
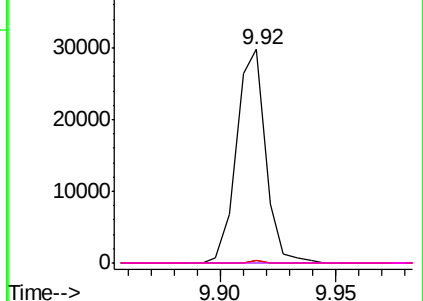


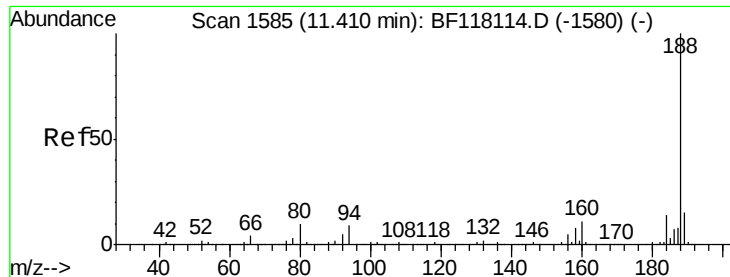
Abundance Ion 165.00 (164.70 to 165.70): E

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

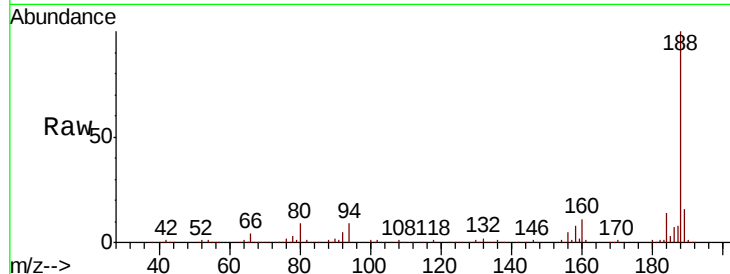




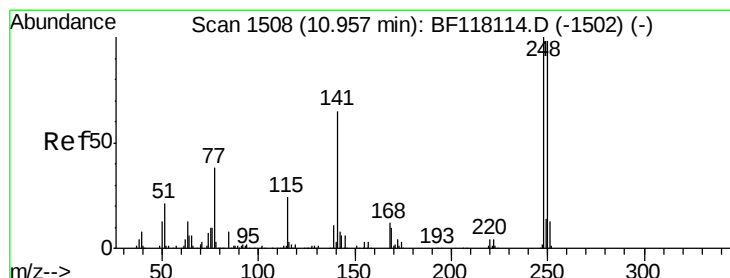
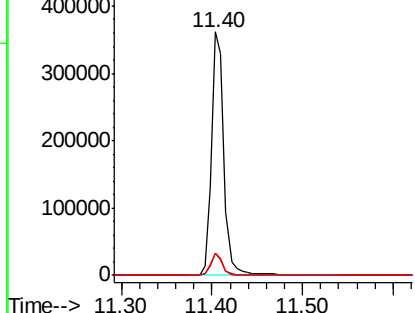
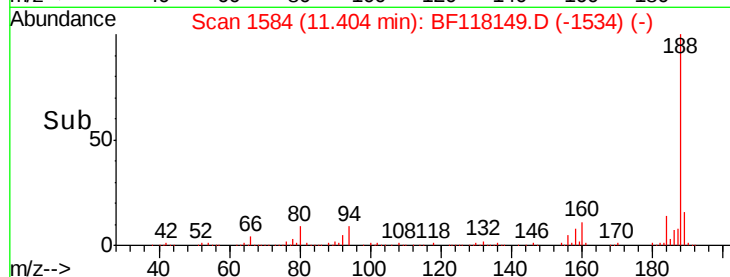
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118149.D
 Acq: 9 Dec 2019 17:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 348620
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.1 10.7
 80 9.2 7.9 11.9

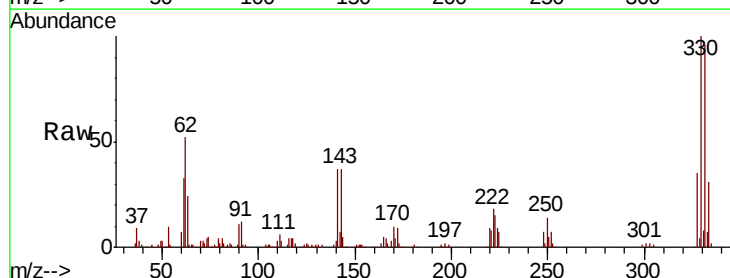


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

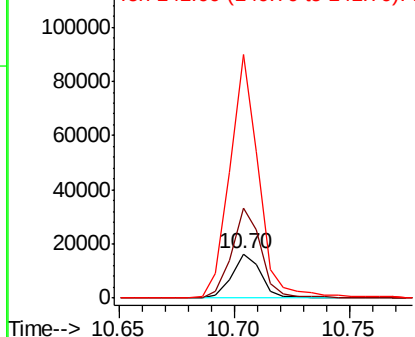
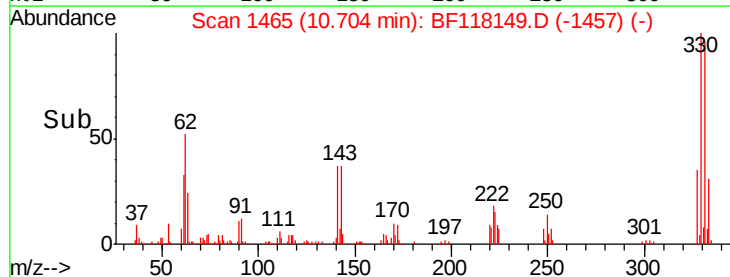


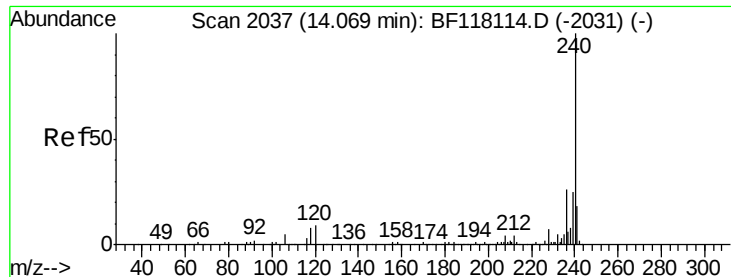
#67
 4-Bromophenyl-phenylether
 Concen: 3.606 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118149.D
 Acq: 9 Dec 2019 17:29

Tgt Ion:248 Resp: 14352
 Ion Ratio Lower Upper
 248 100
 250 205.1 78.3 117.5#
 141 553.0 52.2 78.4#



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

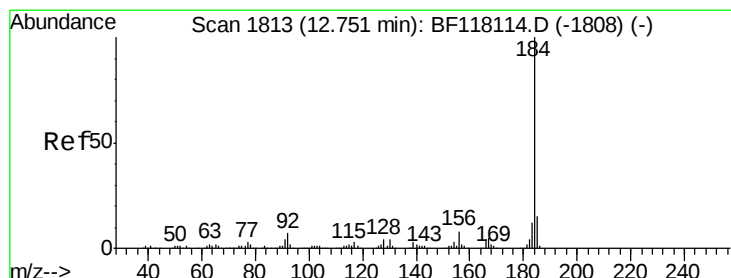
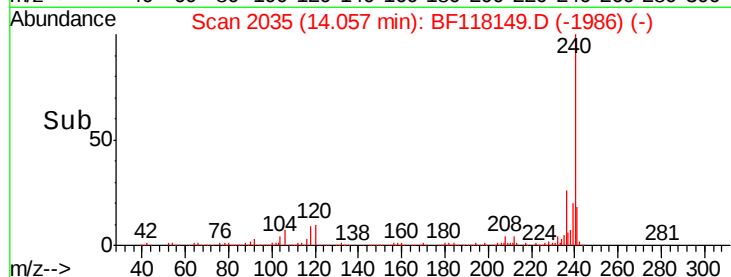
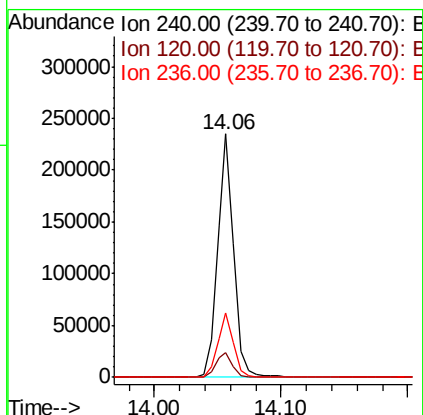
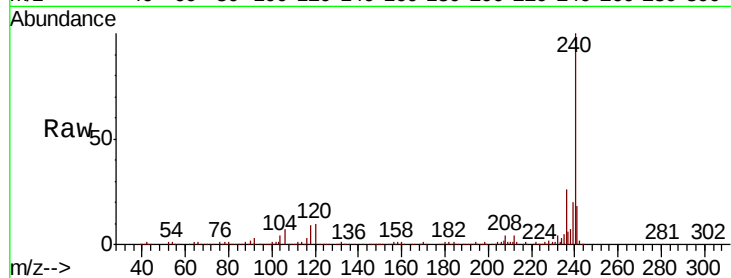




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118149.D
 Acq: 9 Dec 2019 17:29

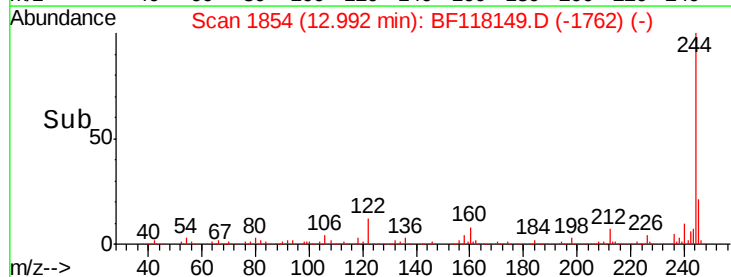
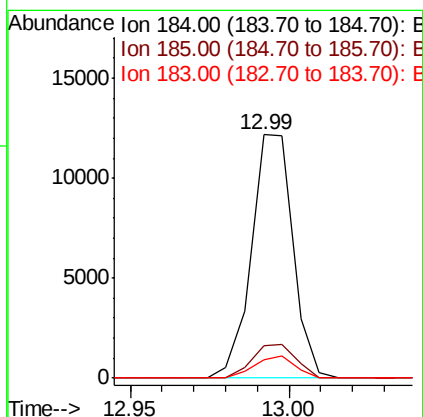
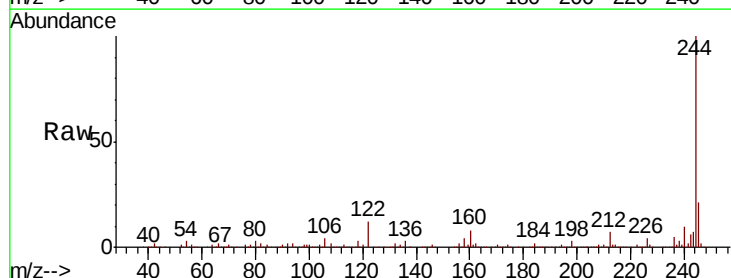
Instrument :
 BNA_F
 ClientSampleId :

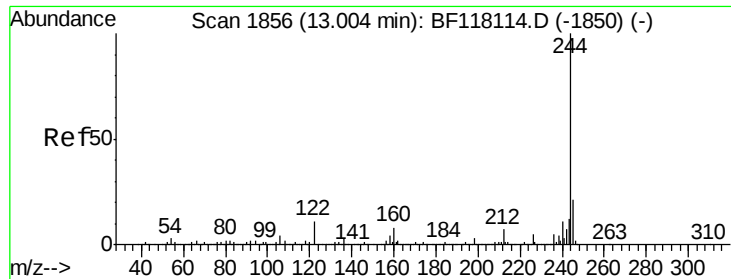
Tot Ion:240 Resp: 208317
 Ion Ratio Lower Upper
 240 100
 120 10.2 7.1 10.7
 236 26.3 21.0 31.6



#77
 Benzidine
 Concen: 2.025 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.24 min
 Lab File: BF118149.D
 Acq: 9 Dec 2019 17:29

Tgt Ion:184 Resp: 11105
 Ion Ratio Lower Upper
 184 100
 185 13.6 12.3 18.5
 183 7.7 9.9 14.9#





#79

Terphenyl-d14

Concen: 66.886 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

Instrument :

BNA_F

ClientSampleId :

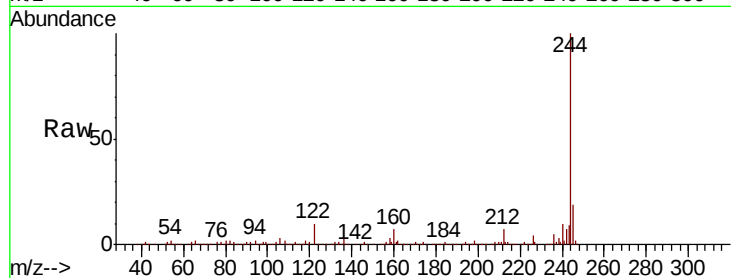
Tot Ion:244 Resp: 810260

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

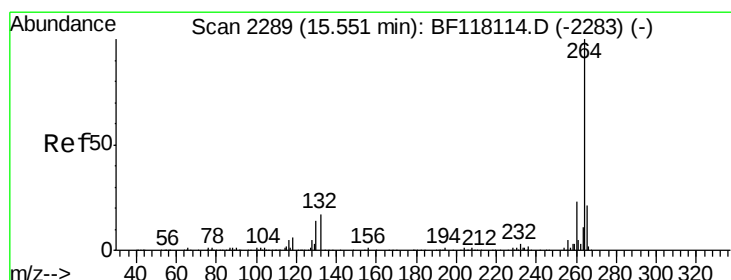
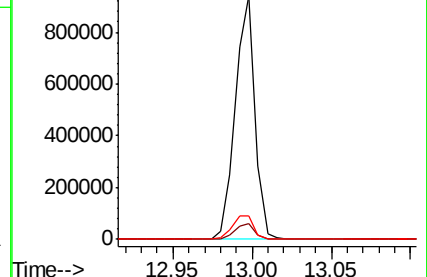
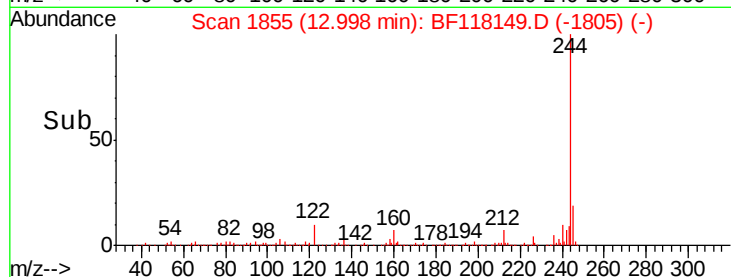
122 9.7 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118149.D

Acq: 9 Dec 2019 17:29

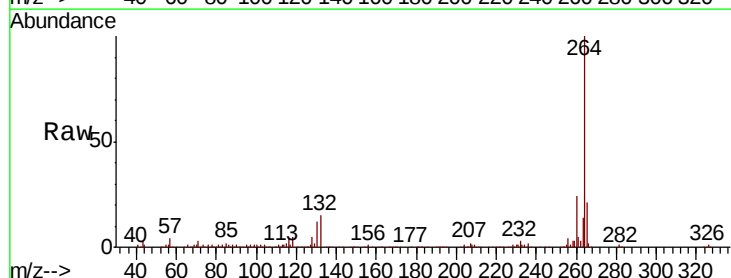
Tgt Ion:264 Resp: 267448

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

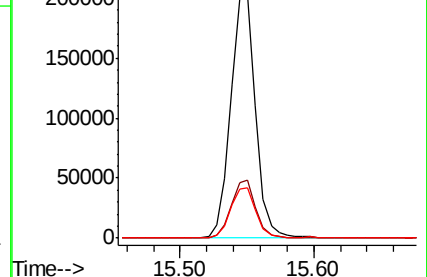
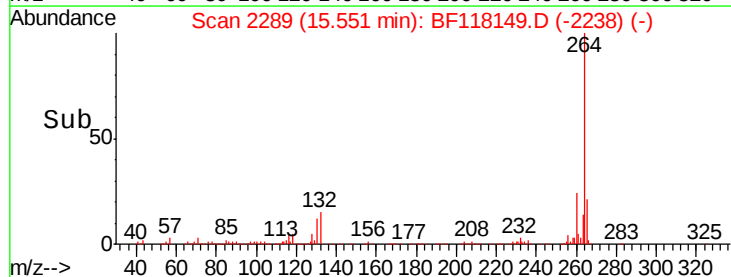
265 20.6 16.8 25.2

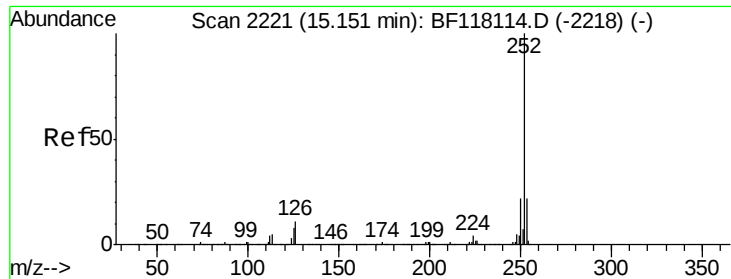


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89
 Benzo(k)fluoranthene
 Concen: 2.011 ng
 RT: 15.11 min Scan# 2214
 Delta R.T. -0.04 min
 Lab File: BF118149.D
 Acq: 9 Dec 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	12.4	6.7	10.1

