

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118157.D
 Acq On : 9 Dec 2019 21:12
 Operator : JU
 Sample : K6119-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 00:56:21 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

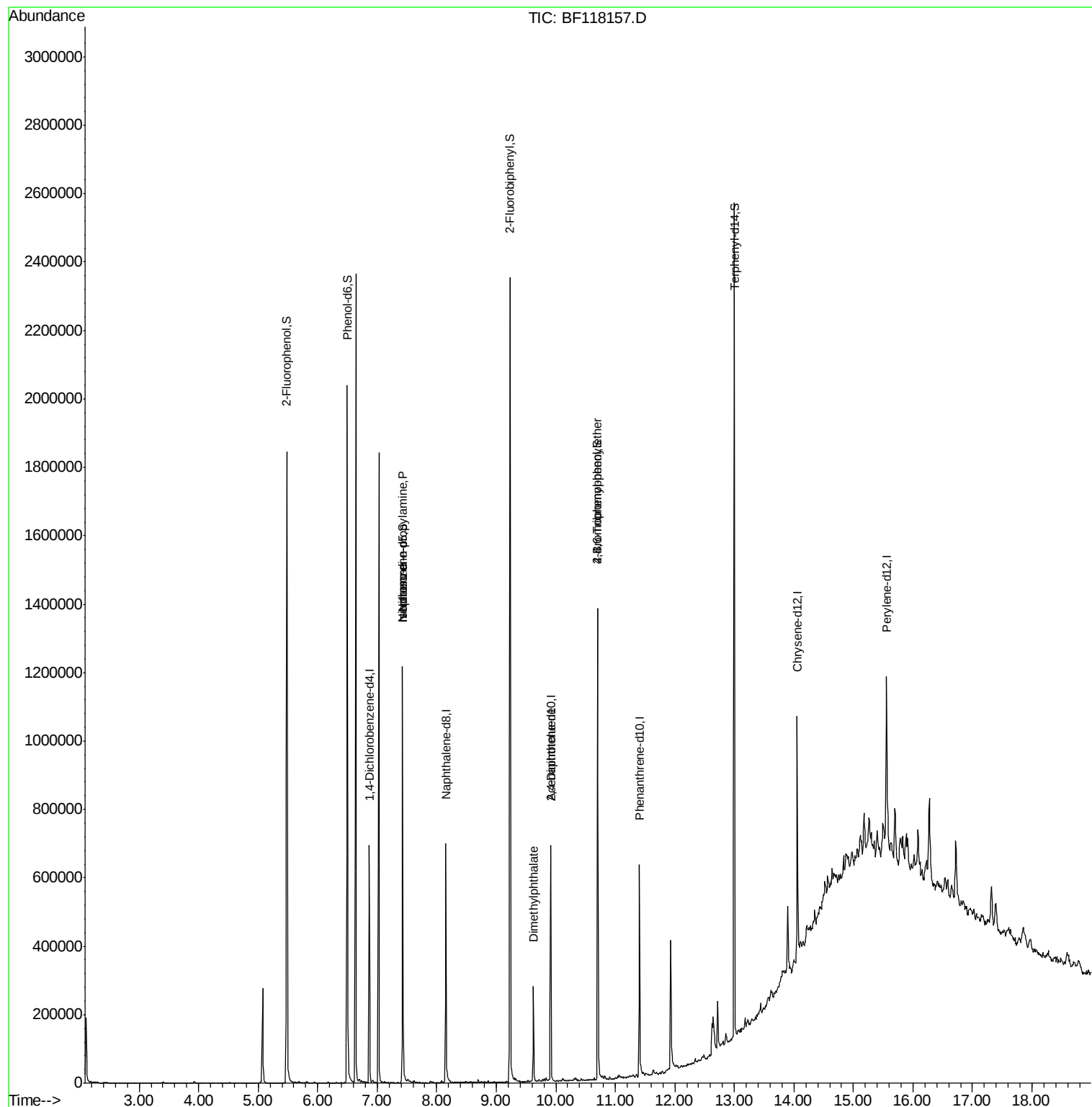
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	98080	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	336458	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	145828	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	247742	20.00	ng	0.00
76) Chrysene-d12	14.06	240	230817	20.00	ng	-0.01
87) Perylene-d12	15.56	264	212837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	560579	100.11	ng	0.00
7) Phenol-d6	6.50	99	671439	99.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	395593	66.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	166504	93.99	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	770812	80.43	ng	0.00
79) Terphenyl-d14	13.00	244	803639	59.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1164	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	55546	13.496	ng	# 77
25) Isophorone	7.43	82	395589	39.019	ng	# 62
50) Dimethylphthalate	9.63	163	120232	11.162	ng	# 99
57) 2,4-Dinitrotoluene	9.91	165	18570	5.940	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	10419	3.684	ng	# 1

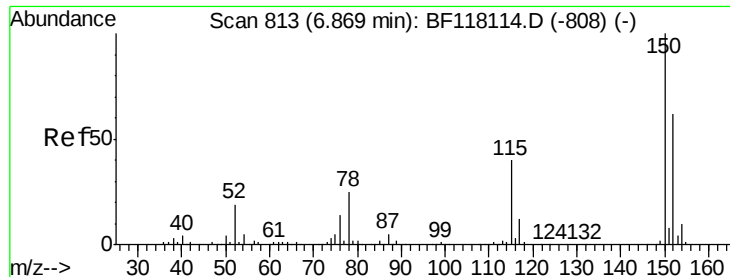
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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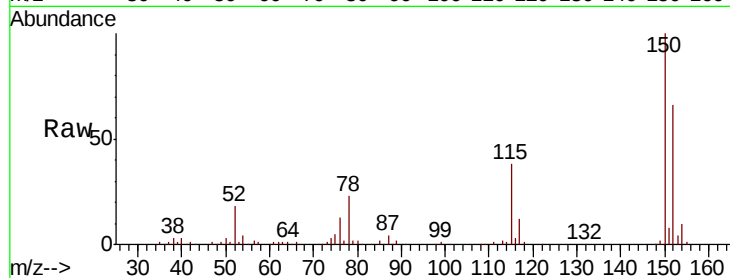


#1

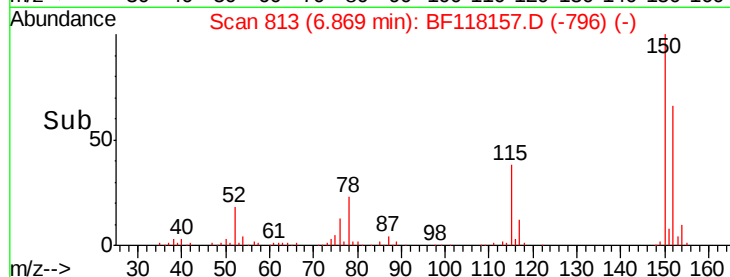
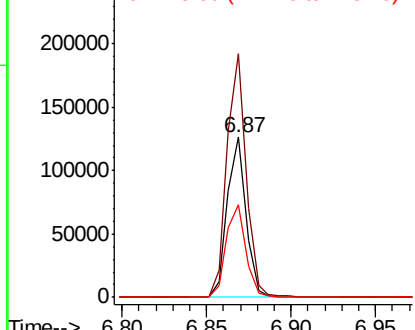
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118157.D
Acq: 9 Dec 2019 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98080
Ion Ratio Lower Upper
152 100
150 151.9 128.3 192.5
115 57.9 51.1 76.7



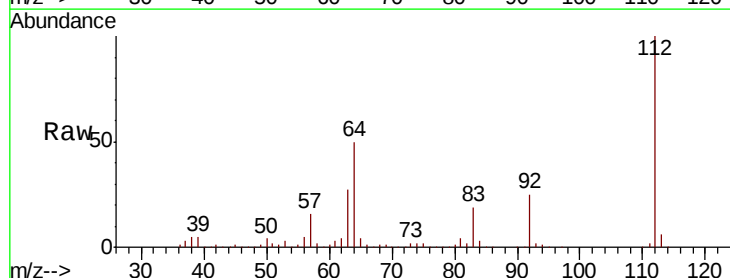
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



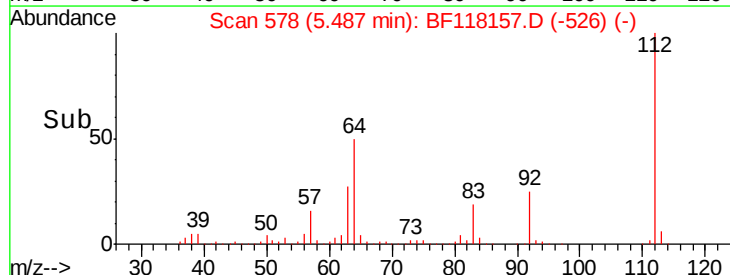
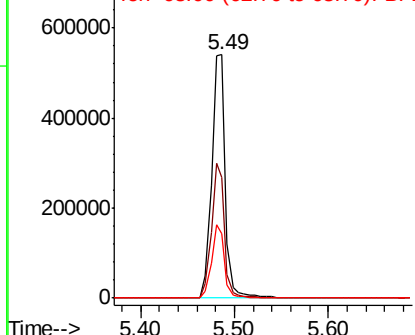
#5

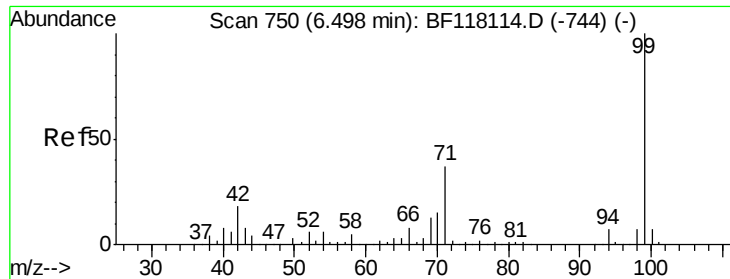
2-Fluorophenol
Concen: 100.105 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118157.D
Acq: 9 Dec 2019 21:12

Tgt Ion:112 Resp: 560579
Ion Ratio Lower Upper
112 100
64 49.7 41.3 61.9
63 26.6 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: 99.131 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118157.D

Acq: 9 Dec 2019 21:12

Instrument :

BNA_F

ClientSampled :

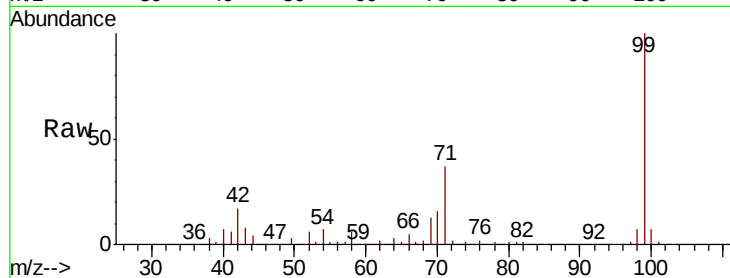
Tot Ion: 99 Resp: 671439

Ion Ratio Lower Upper

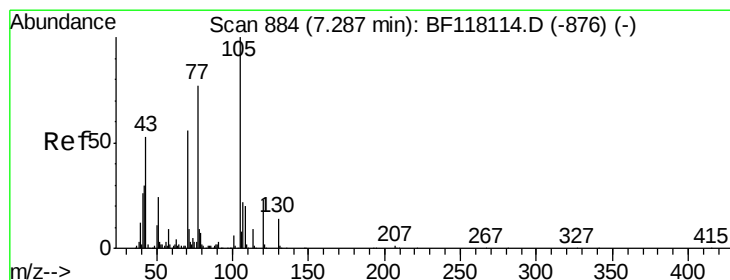
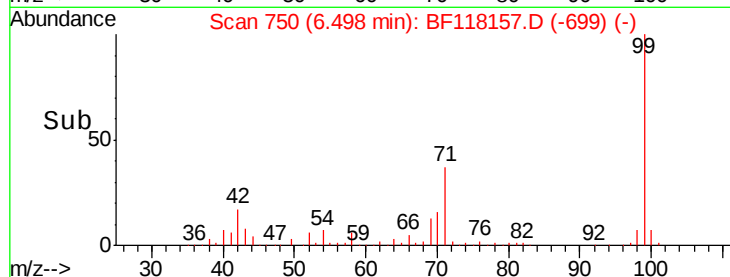
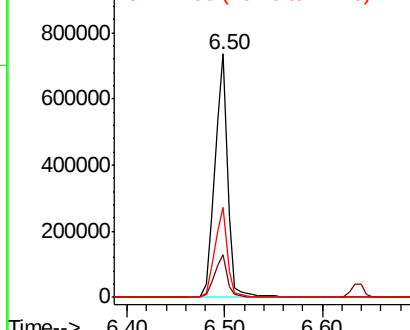
99 100

42 17.3 14.1 21.1

71 36.9 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: 13.496 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF118157.D

Acq: 9 Dec 2019 21:12

Tgt Ion: 70 Resp: 55546

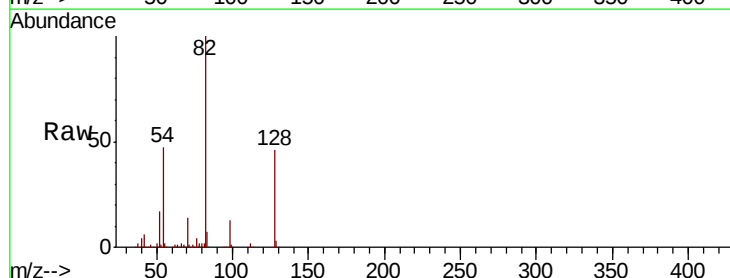
Ion Ratio Lower Upper

70 100

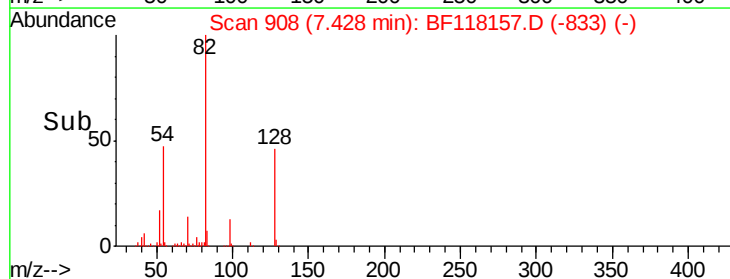
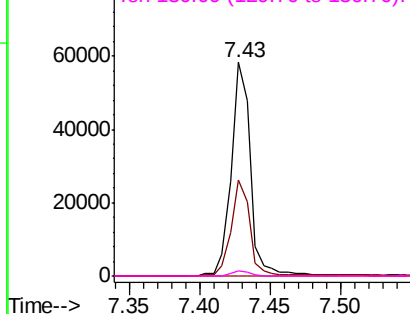
42 45.2 43.2 64.8

101 0.0 8.1 12.1#

130 2.4 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

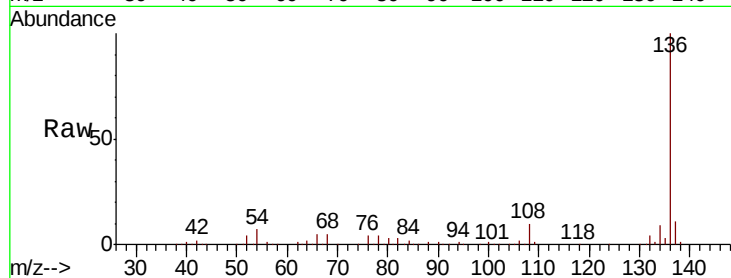




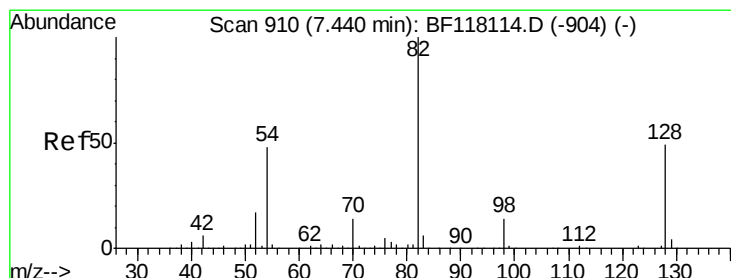
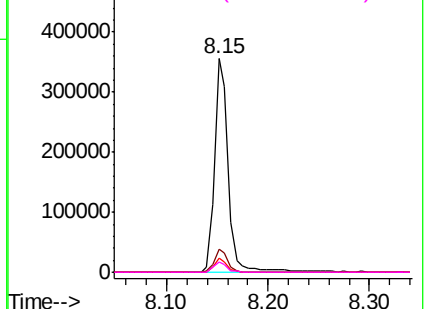
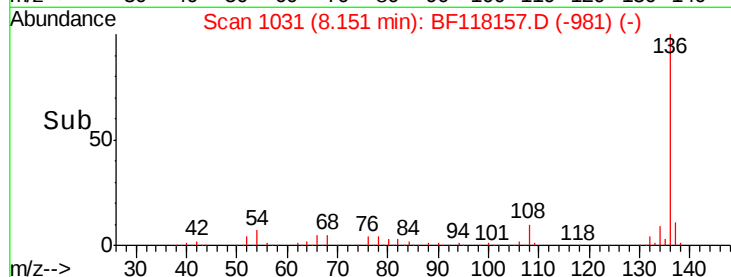
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118157.D
Acq: 9 Dec 2019 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	336458
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	6.7	5.0 7.6
68	4.8	3.8 5.8

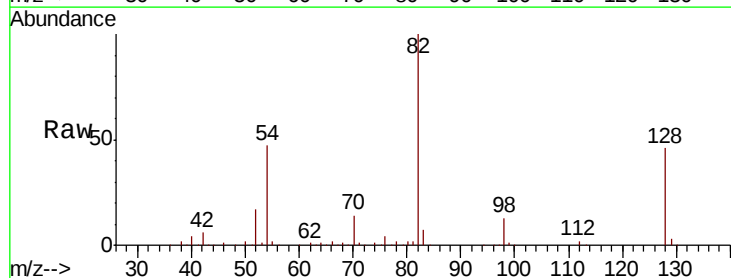


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

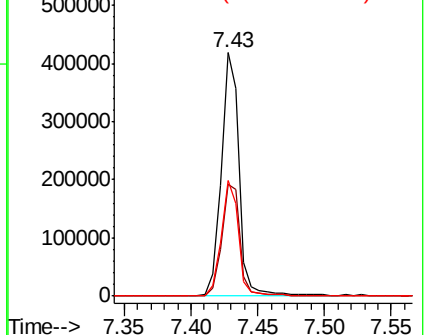
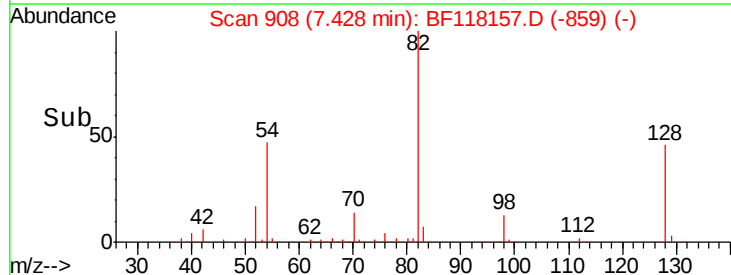


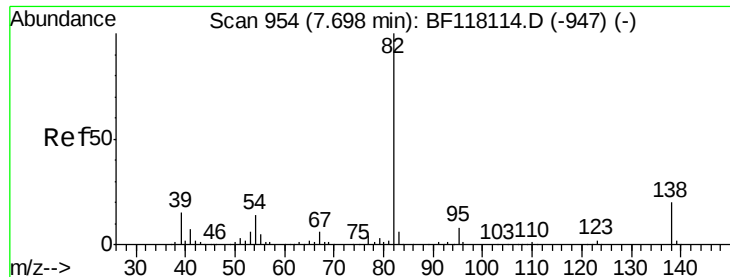
#23
Nitrobenzene-d5
Concen: 66.146 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118157.D
Acq: 9 Dec 2019 21:12

Tgt Ion: 82	Resp:	395593
Ion Ratio	Lower	Upper
82	100	
128	45.8	39.1 58.7
54	47.3	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: 39.019 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118157.D

Acq: 9 Dec 2019 21:12

Instrument :

BNA_F

ClientSampleId :

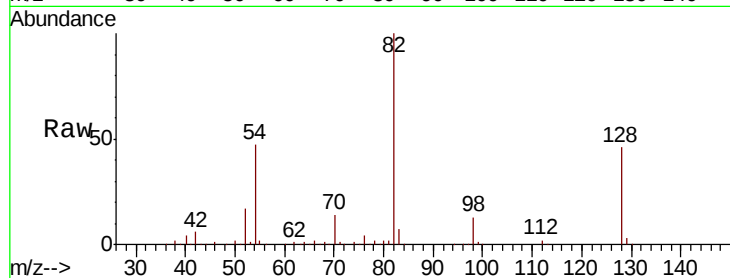
Tot Ion: 82 Resp: 395589

Ion Ratio Lower Upper

82 100

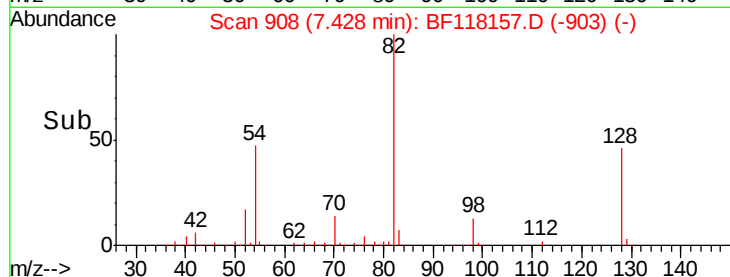
95 0.0 6.3 9.5#

138 0.0 16.3 24.5#

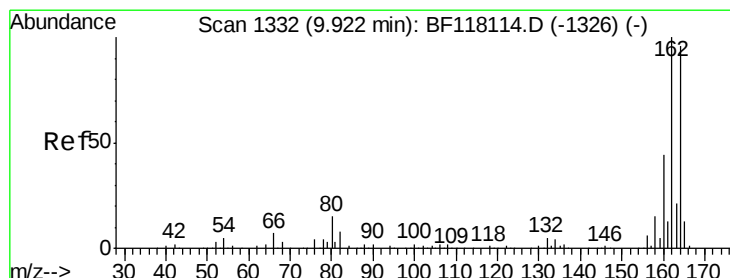


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

7.43



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118157.D

Acq: 9 Dec 2019 21:12

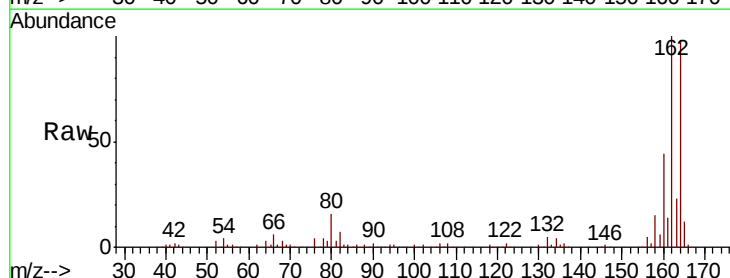
Tgt Ion: 164 Resp: 145828

Ion Ratio Lower Upper

164 100

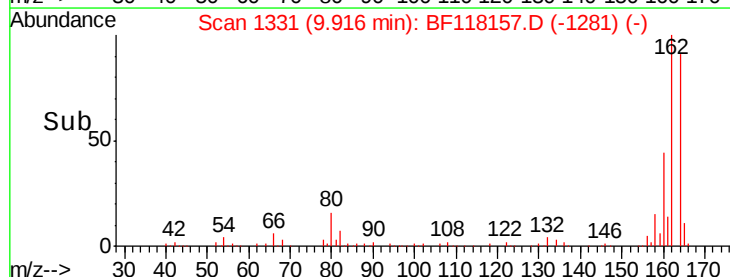
162 101.7 83.4 125.0

160 44.4 36.6 54.8

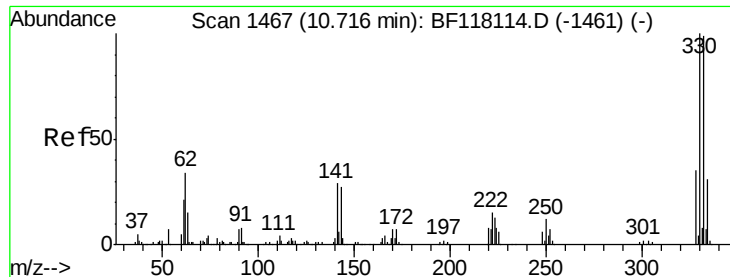


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

9.92



Time-->



#42

2,4,6-Tribromophenol

Concen: 93.988 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118157.D

Acq: 9 Dec 2019 21:12

Instrument :

BNA_F

ClientSampleId :

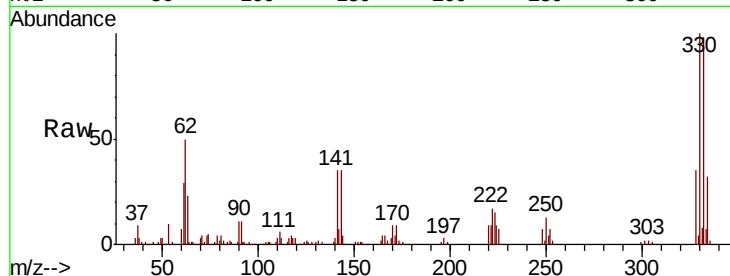
Tot Ion:330 Resp: 166504

Ion Ratio Lower Upper

330 100

332 97.9 78.1 117.1

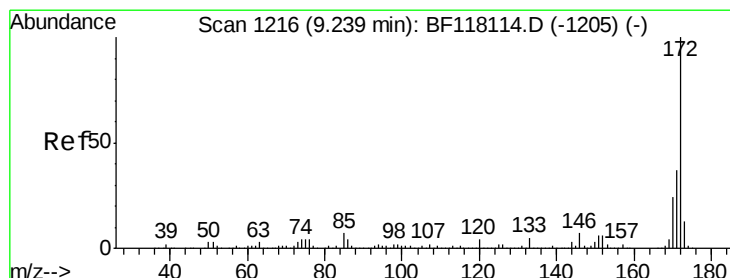
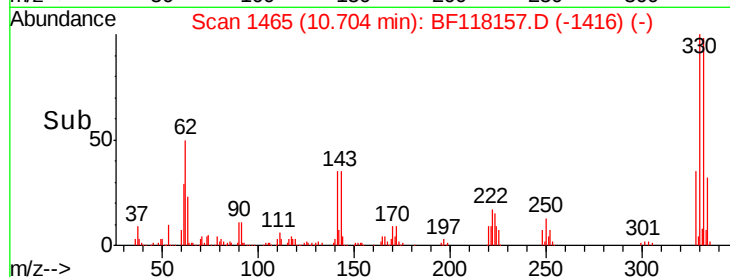
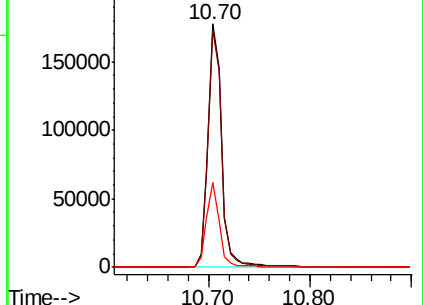
141 33.5 26.9 40.3



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: 80.431 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118157.D

Acq: 9 Dec 2019 21:12

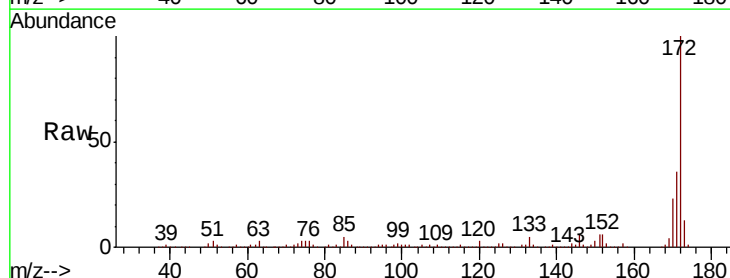
Tgt Ion:172 Resp: 770812

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

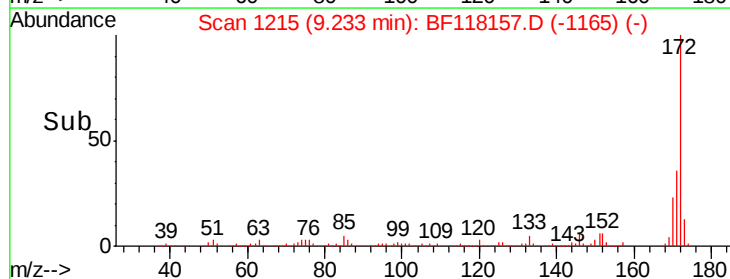
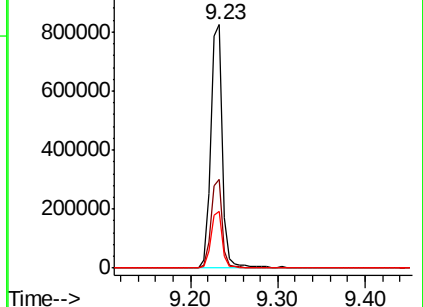
170 23.3 19.4 29.2

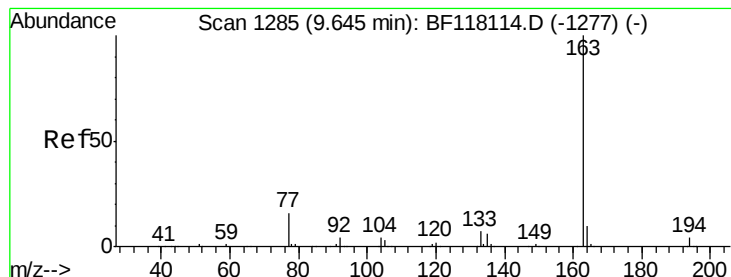


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.162 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118157.D

Acq: 9 Dec 2019 21:12

Instrument :

BNA_F

ClientSampleId :

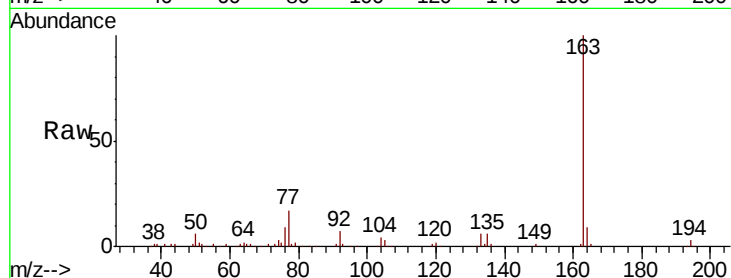
Tot Ion:163 Resp: 120232

Ion Ratio Lower Upper

163 100

194 3.3 3.1 4.7

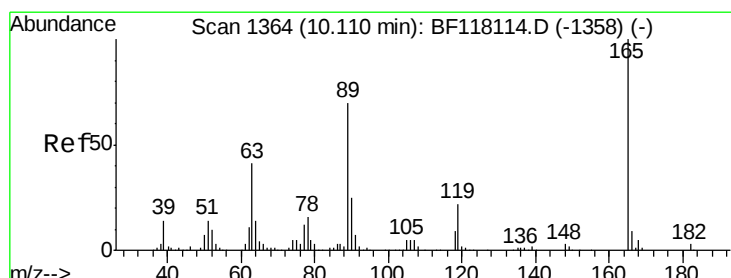
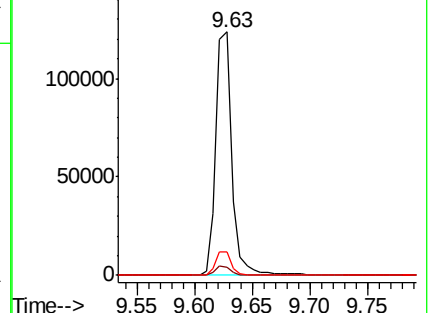
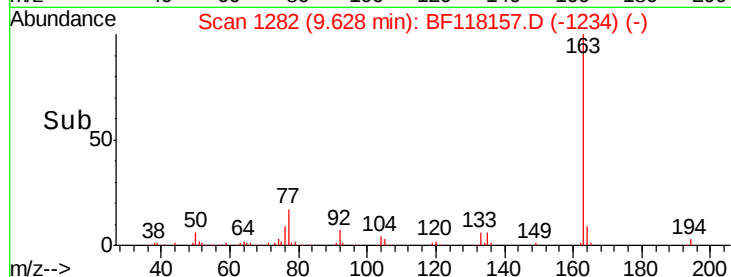
164 9.4 7.7 11.5



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: 5.940 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.20 min

Lab File: BF118157.D

Acq: 9 Dec 2019 21:12

Tgt Ion:165 Resp: 18570

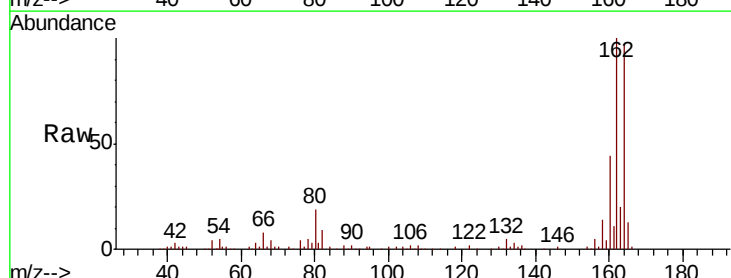
Ion Ratio Lower Upper

165 100

63 1.5 32.6 49.0#

89 2.6 56.1 84.1#

182 0.0 2.1 3.1#

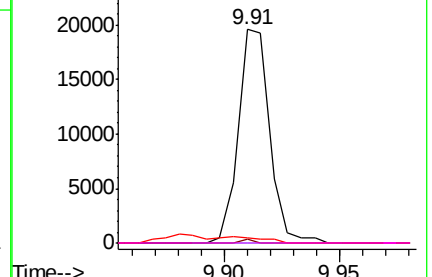
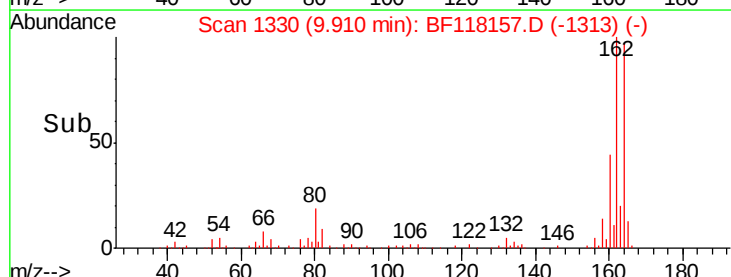


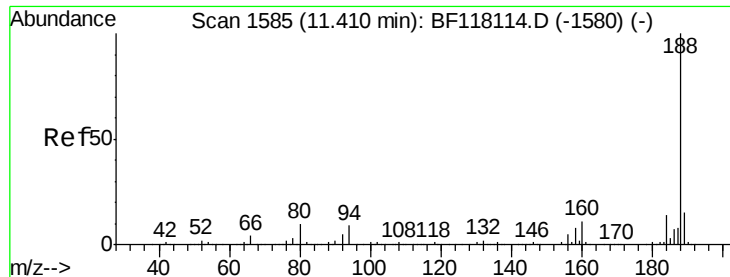
Abundance Ion 165.00 (164.70 to 165.70): E

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

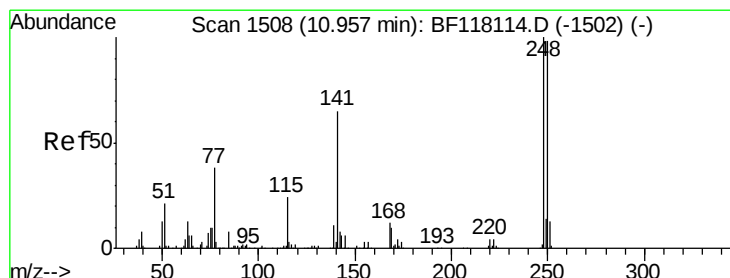
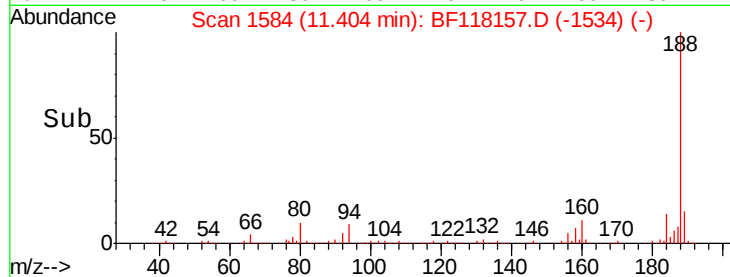
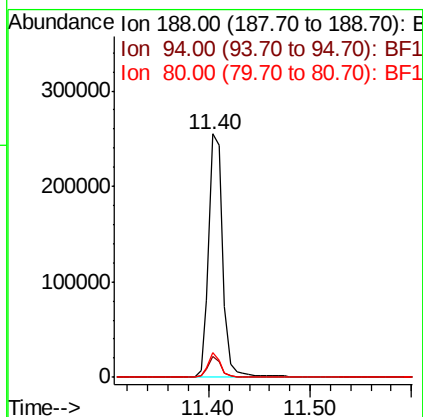
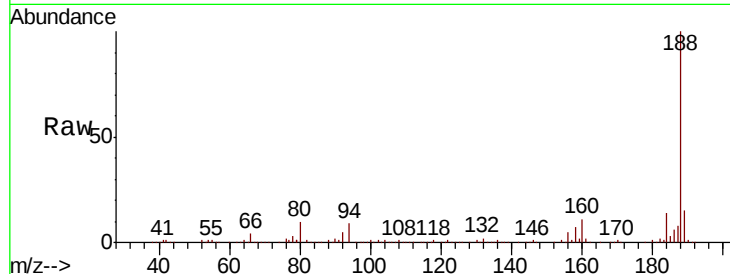




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118157.D
 Acq: 9 Dec 2019 21:12

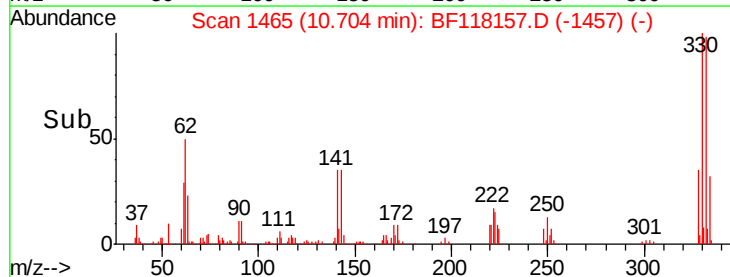
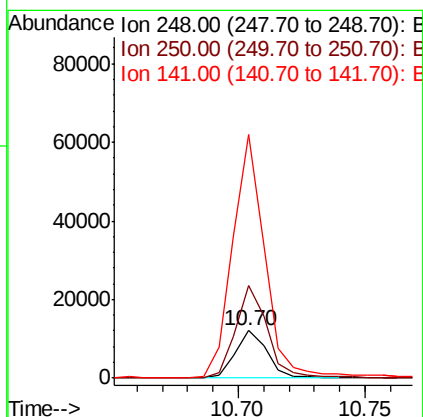
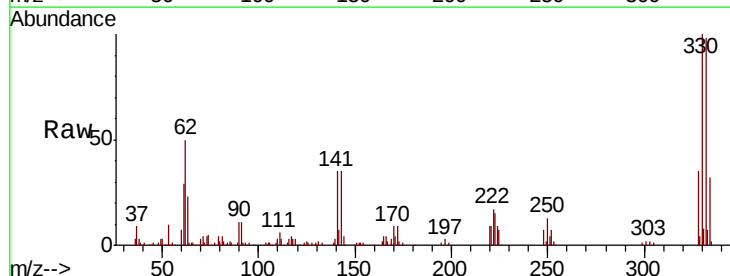
Instrument :
 BNA_F
 ClientSampleId :

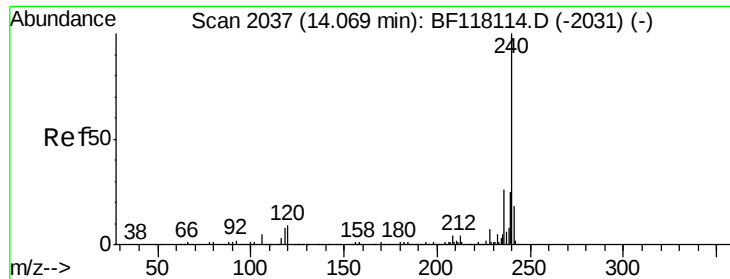
Tot Ion:188 Resp: 247742
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.1 10.7
 80 10.0 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.684 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118157.D
 Acq: 9 Dec 2019 21:12

Tgt Ion:248 Resp: 10419
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.3 117.5#
 141 515.9 52.2 78.4#

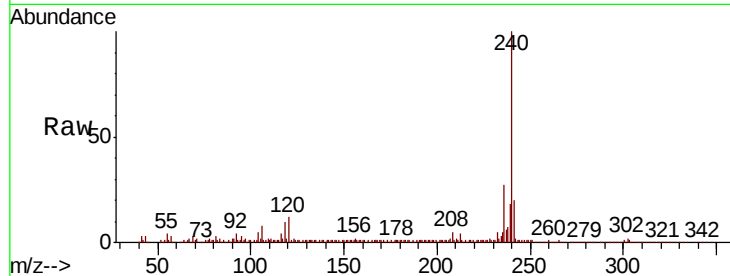




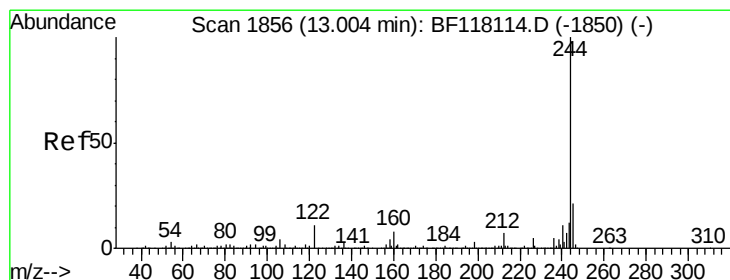
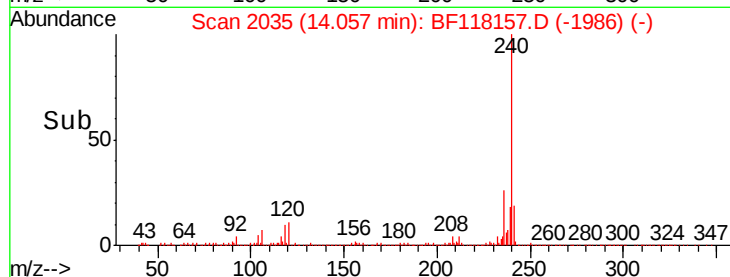
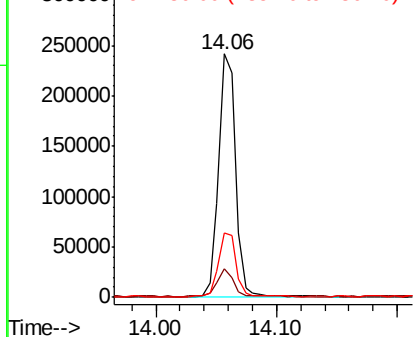
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118157.D
 Acq: 9 Dec 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 230817
 Ion Ratio Lower Upper
 240 100
 120 11.6 7.1 10.7#
 236 26.7 21.0 31.6

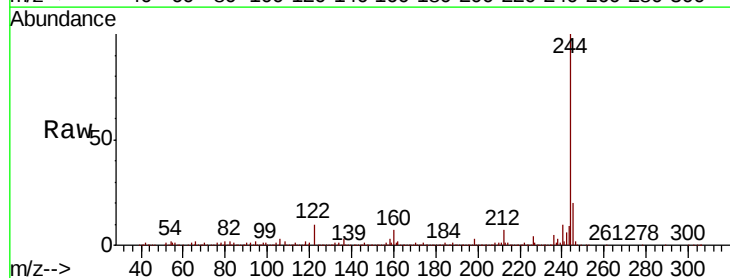


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

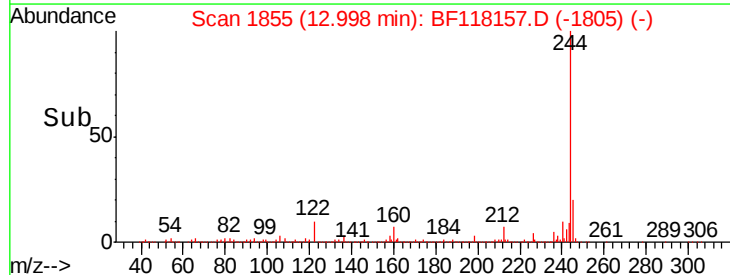
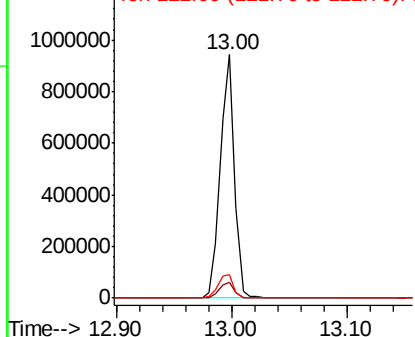


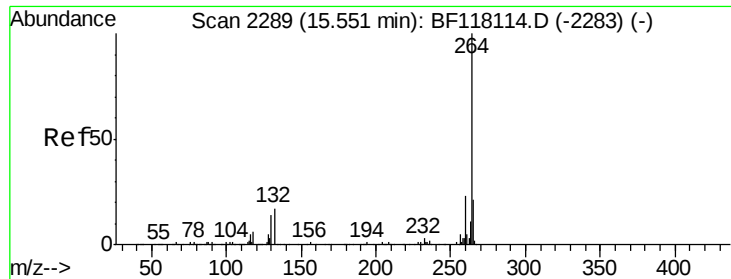
#79
 Terphenyl-d14
 Concen: 59.873 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF118157.D
 Acq: 9 Dec 2019 21:12

Tgt Ion:244 Resp: 803639
 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

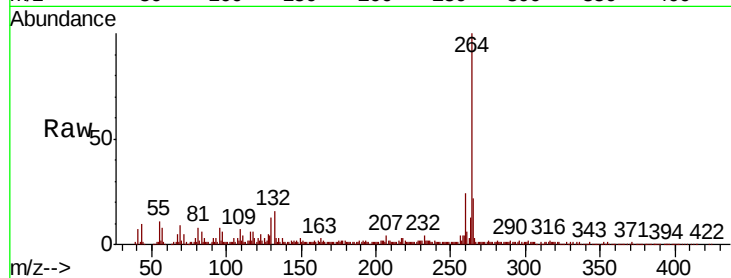




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BF118157.D
 Acq: 9 Dec 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.4	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

