

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118248.D
 Acq On : 18 Dec 2019 1:28
 Operator : JU
 Sample : K6299-04 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:08:27 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

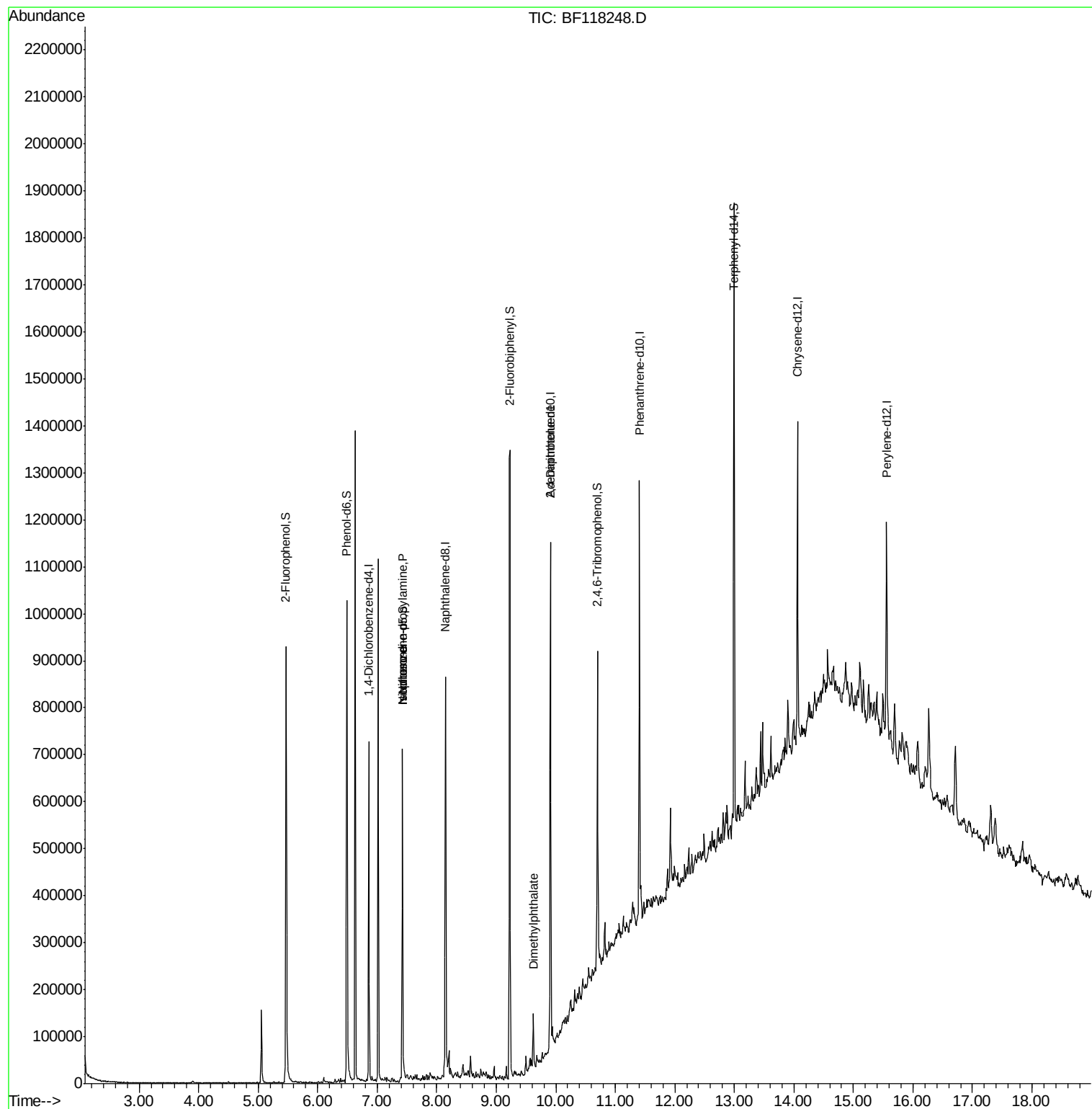
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119691	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	434223	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	202750	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	316031	20.00	ng	0.00
76) Chrysene-d12	14.06	240	230023	20.00	ng	0.00
87) Perylene-d12	15.56	264	199385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	304096	44.50	ng	-0.01
7) Phenol-d6	6.49	99	381053	46.10	ng	-0.01
23) Nitrobenzene-d5	7.42	82	215100	27.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	88487	35.93	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	434170	32.58	ng	-0.01
79) Terphenyl-d14	12.99	244	422311	31.57	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	1539	Below Cal	Qvalue	# 54
19) n-Nitroso-di-n-propylamine	7.42	70	28880	5.750 ng	#	80
25) Isophorone	7.42	82	209531	16.014 ng	#	62
50) Dimethylphthalate	9.62	163	38463	2.568 ng		97
57) 2,4-Dinitrotoluene	9.91	165	26334	6.059 ng	#	26

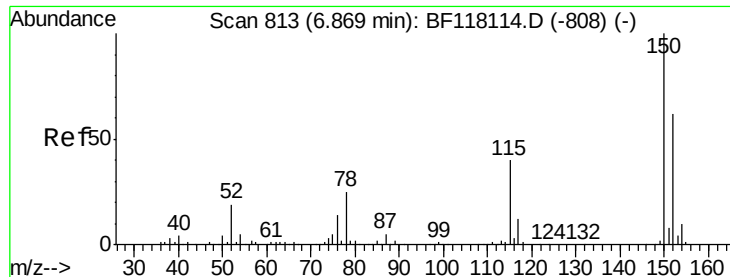
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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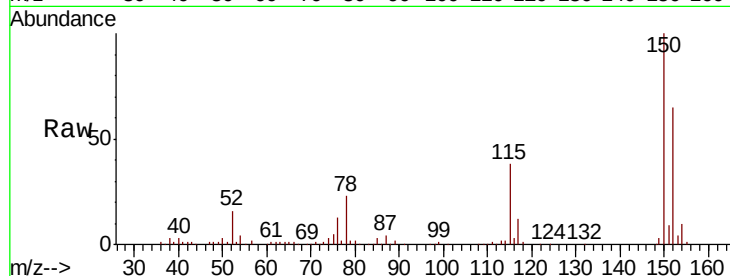


#1

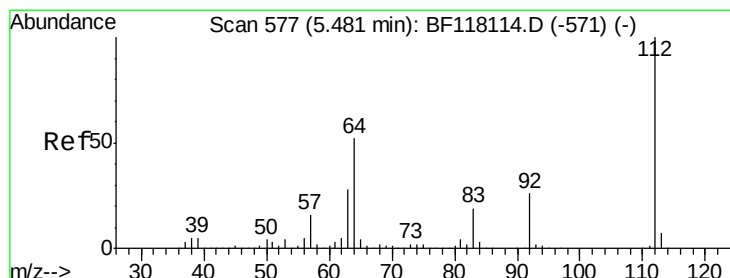
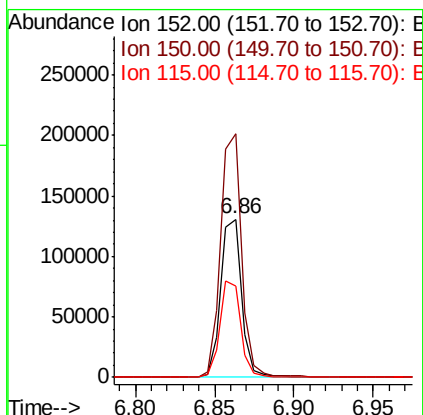
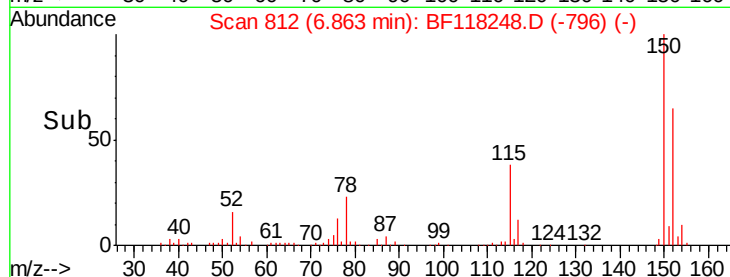
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118248.D
Acq: 18 Dec 2019 1:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119691
Ion Ratio Lower Upper
152 100
150 154.0 128.3 192.5
115 57.9 51.1 76.7



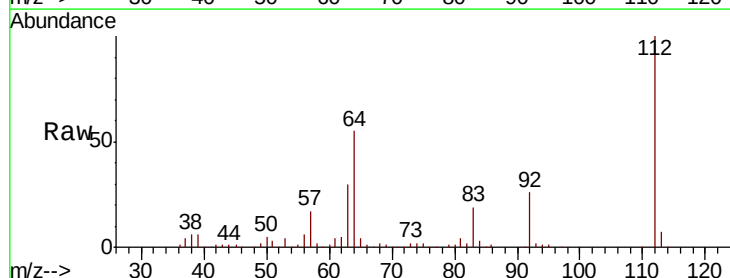
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



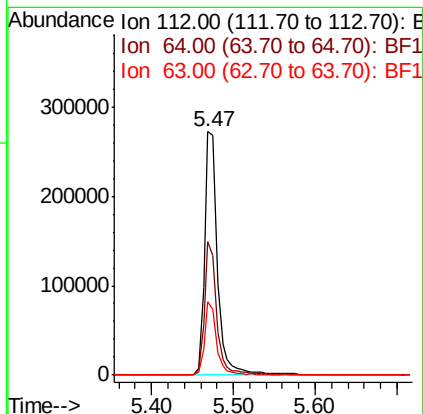
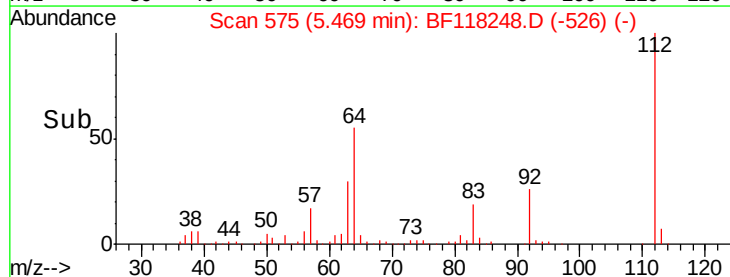
#5

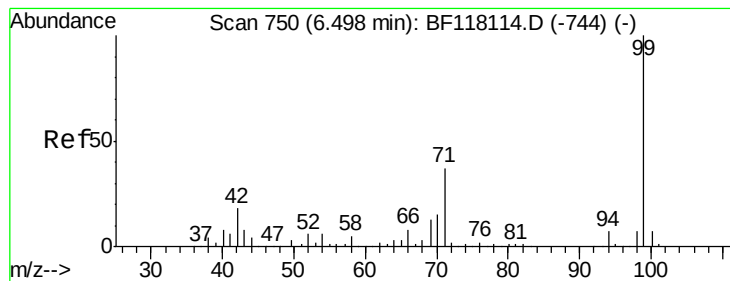
2-Fluorophenol
Concen: 44.499 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118248.D
Acq: 18 Dec 2019 1:28

Tgt Ion:112 Resp: 304096
Ion Ratio Lower Upper
112 100
64 54.6 41.3 61.9
63 30.4 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: 46.101 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

Instrument :

BNA_F

ClientSampled :

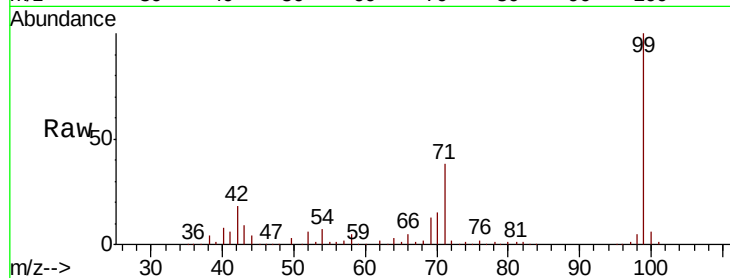
Tot Ion: 99 Resp: 381053

Ion Ratio Lower Upper

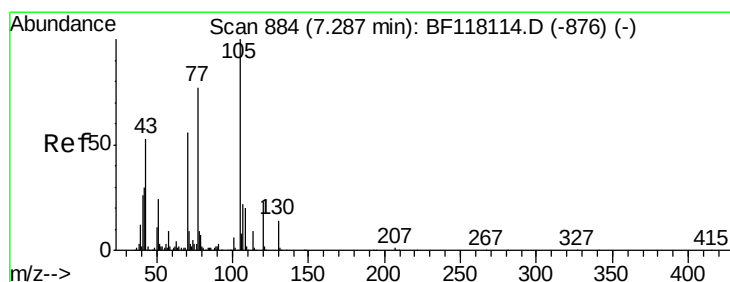
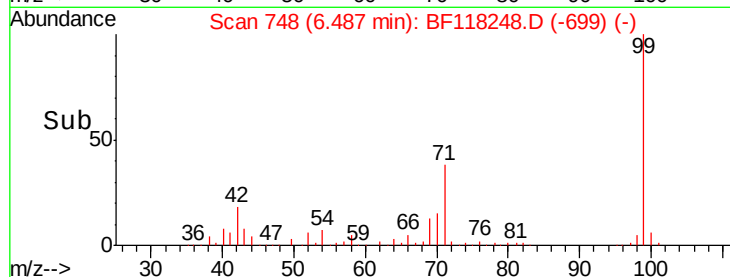
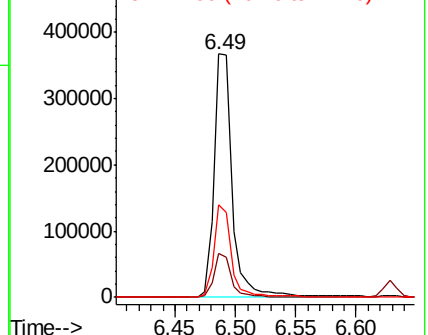
99 100

42 18.1 14.1 21.1

71 38.1 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: 5.750 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

Tgt Ion: 70 Resp: 28880

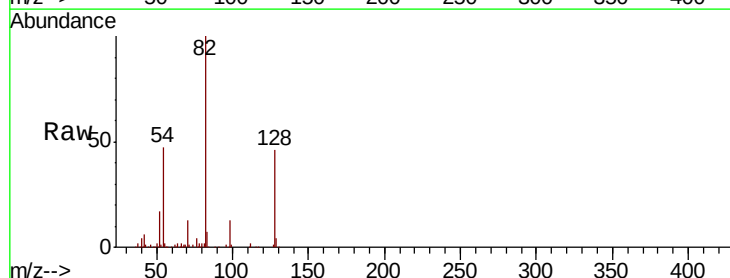
Ion Ratio Lower Upper

70 100

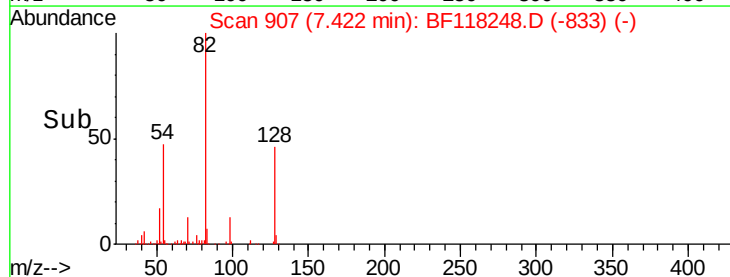
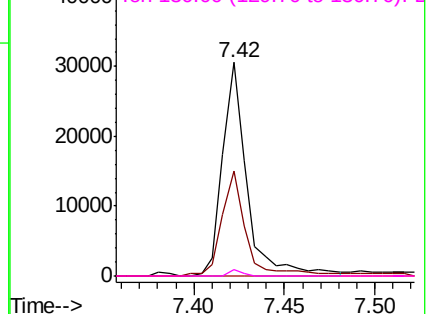
42 48.9 43.2 64.8

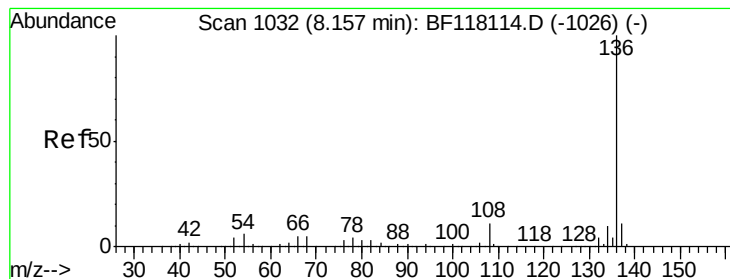
101 0.0 8.1 12.1#

130 2.8 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: BF118248.D

Acq: 18 Dec 2019 1:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 434223

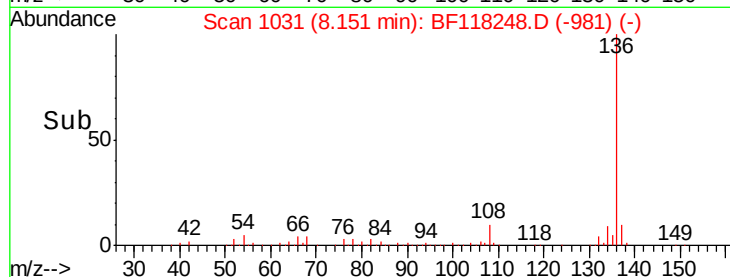
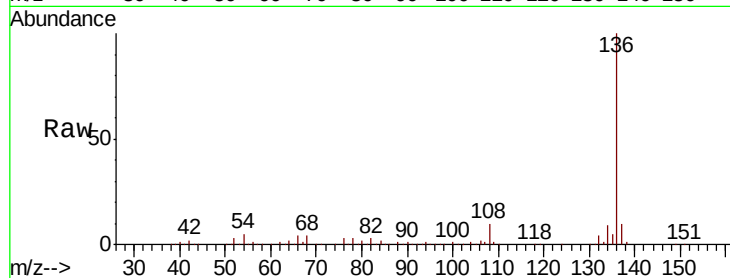
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 5.3 5.0 7.6

68 3.9 3.8 5.8

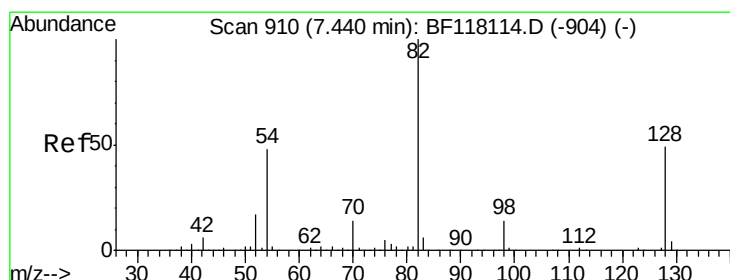
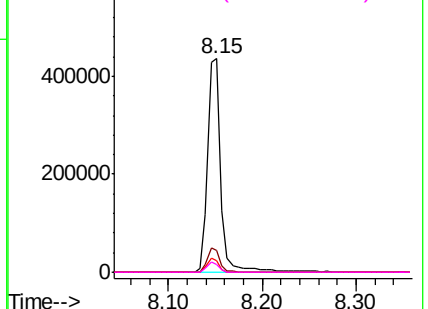


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.868 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

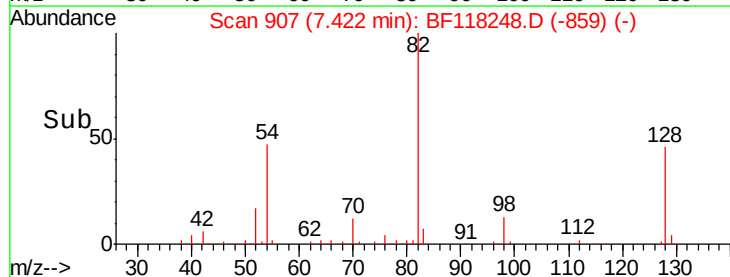
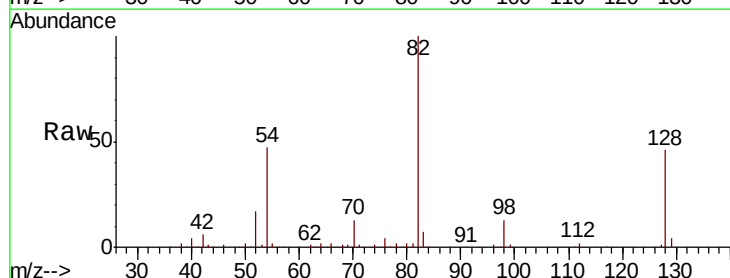
Tgt Ion: 82 Resp: 215100

Ion Ratio Lower Upper

82 100

128 46.4 39.1 58.7

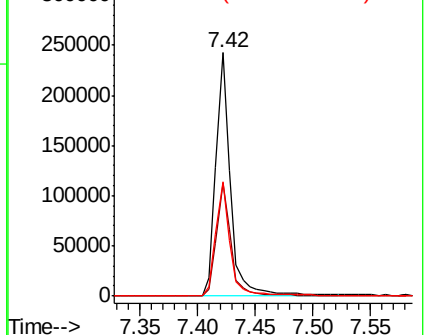
54 46.9 38.2 57.2

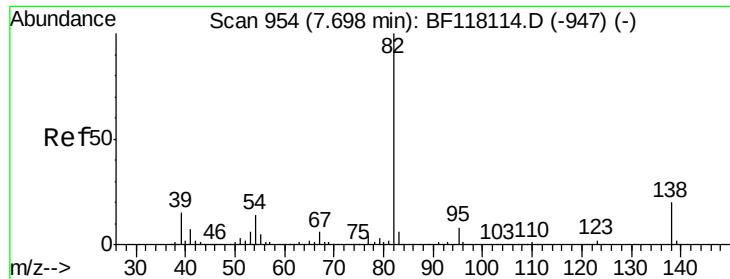


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.014 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

Instrument :

BNA_F

ClientSampleId :

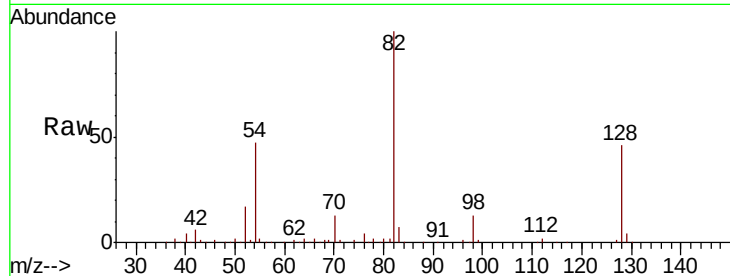
Tot Ion: 82 Resp: 209531

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

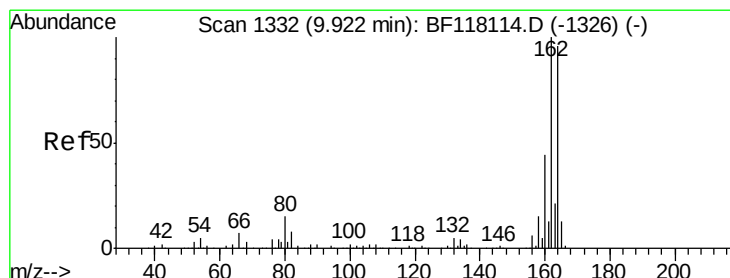
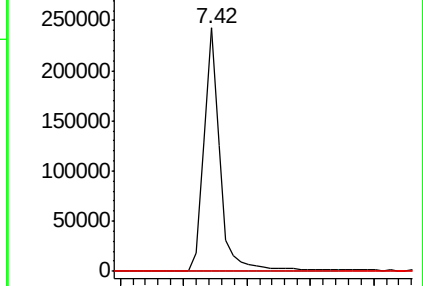
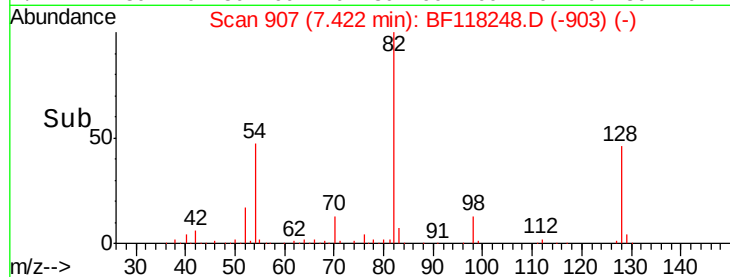
138 0.0 16.3 24.5#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

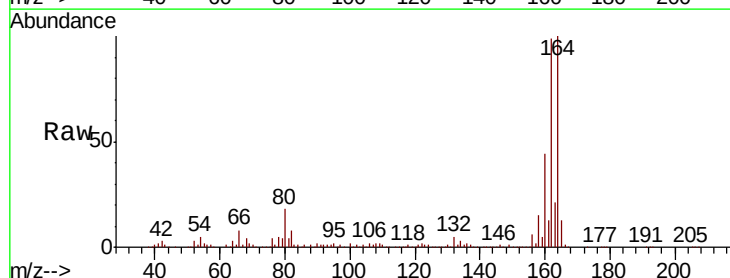
Tgt Ion:164 Resp: 202750

Ion Ratio Lower Upper

164 100

162 99.1 83.4 125.0

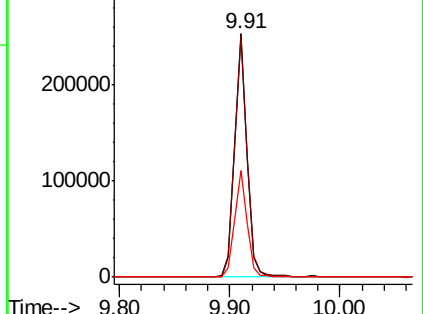
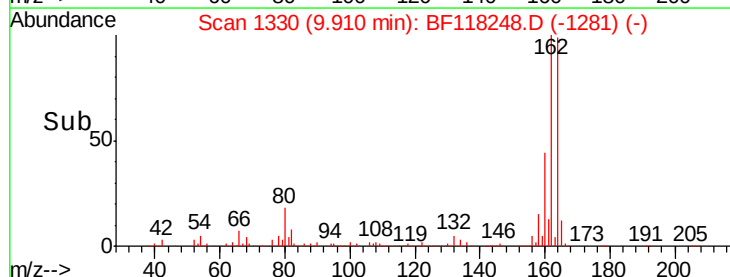
160 43.9 36.6 54.8

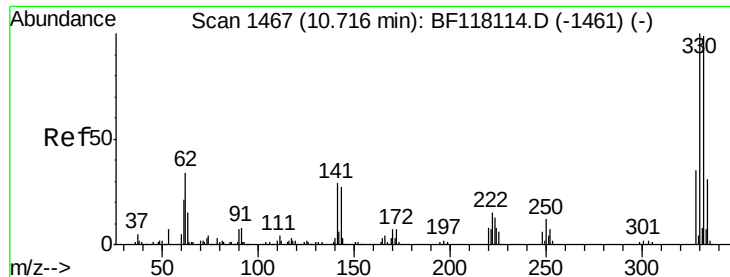


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 35.926 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

Instrument :

BNA_F

ClientSampled :

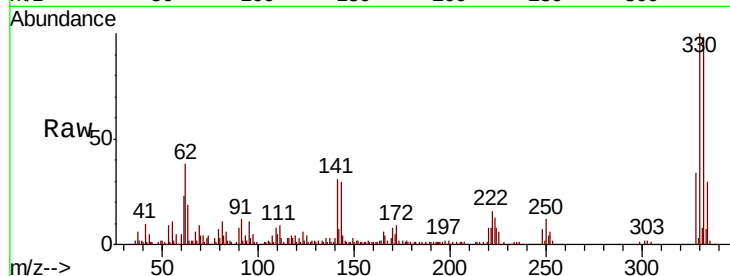
Tot Ion:330 Resp: 88487

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

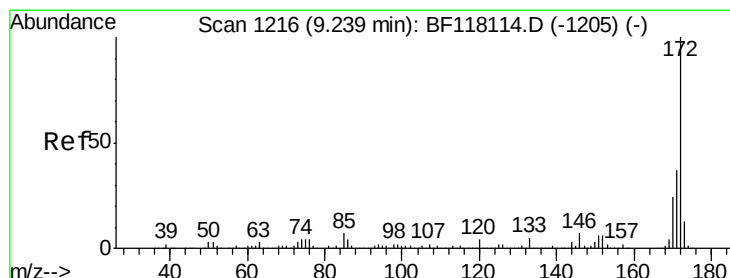
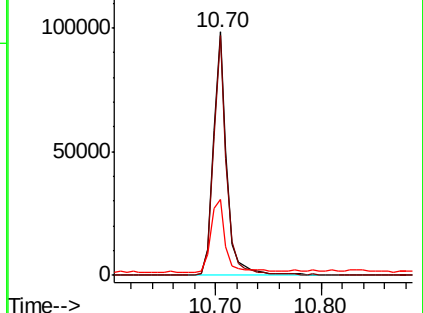
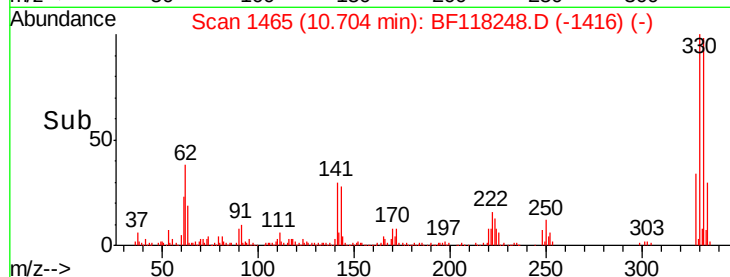
141 33.2 26.9 40.3



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: 32.585 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

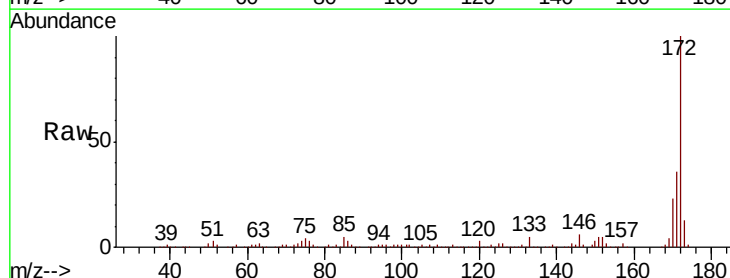
Tgt Ion:172 Resp: 434170

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

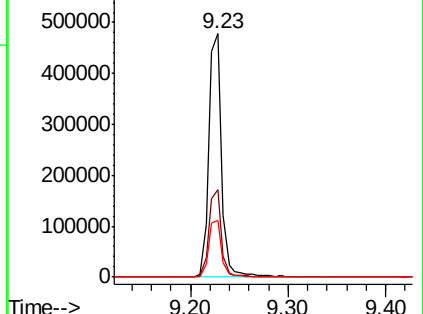
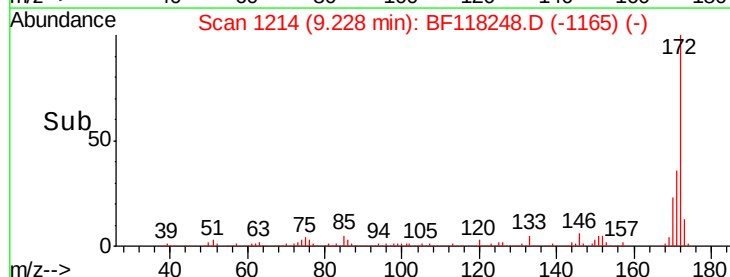
170 23.4 19.4 29.2

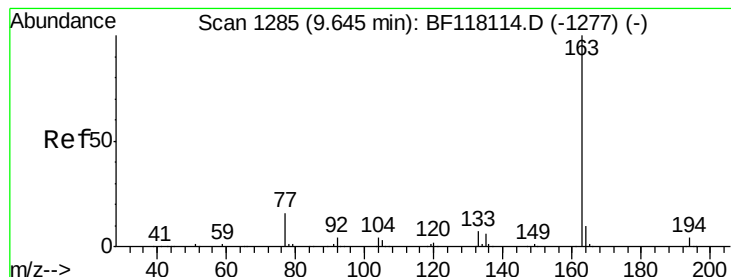


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.568 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

Instrument :

BNA_F

ClientSampleId :

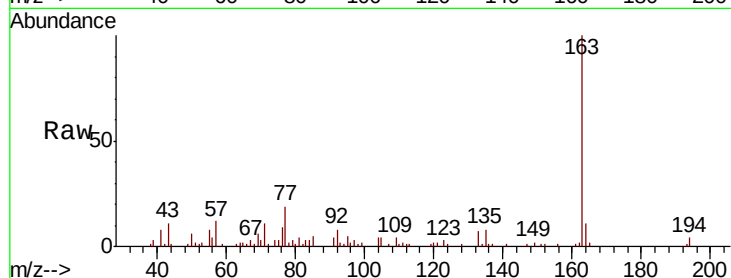
Tot Ion:163 Resp: 38463

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

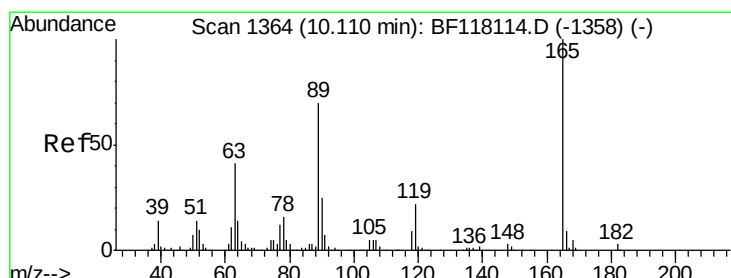
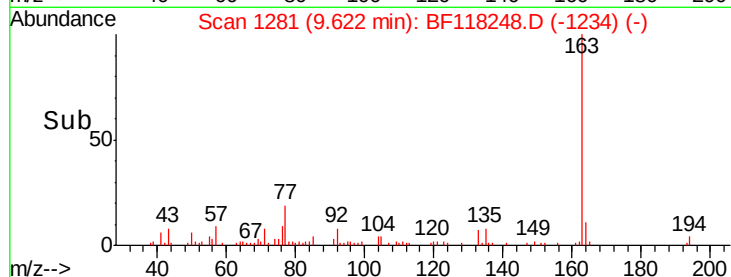
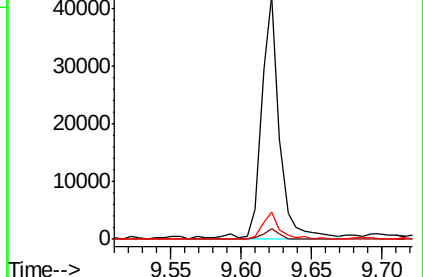
164 11.1 7.7 11.5



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: 6.059 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.20 min

Lab File: BF118248.D

Acq: 18 Dec 2019 1:28

Tgt Ion:165 Resp: 26334

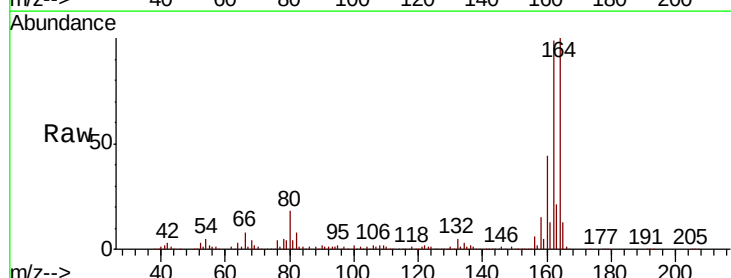
Ion Ratio Lower Upper

165 100

63 1.6 32.6 49.0#

89 1.6 56.1 84.1#

182 0.0 2.1 3.1#

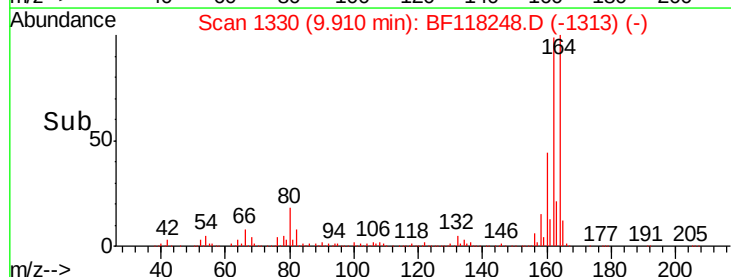
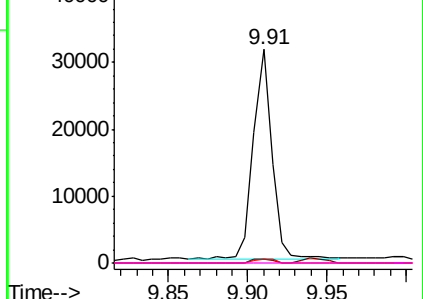


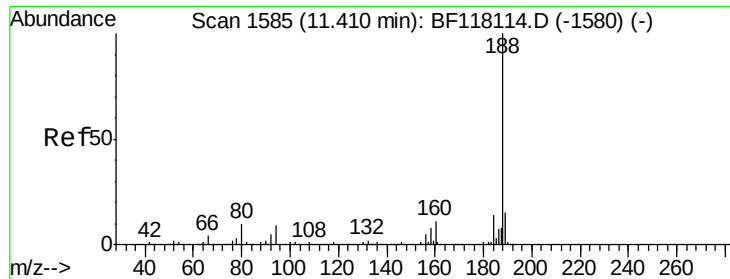
Abundance Ion 165.00 (164.70 to 165.70): E

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

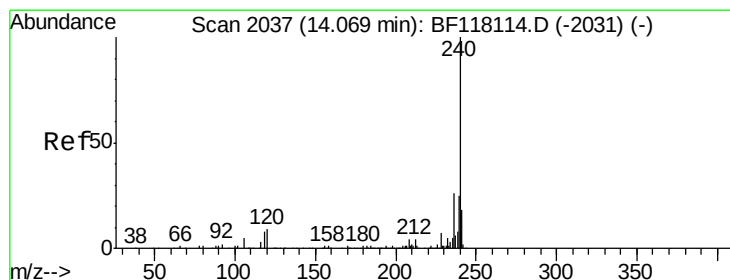
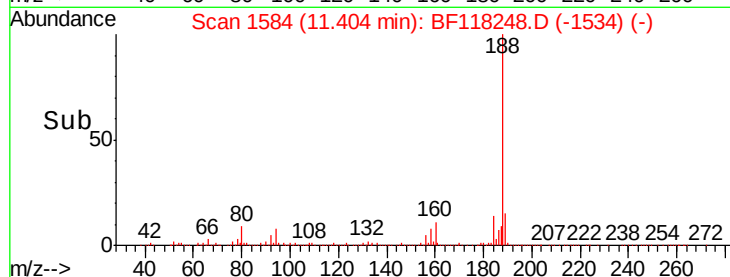
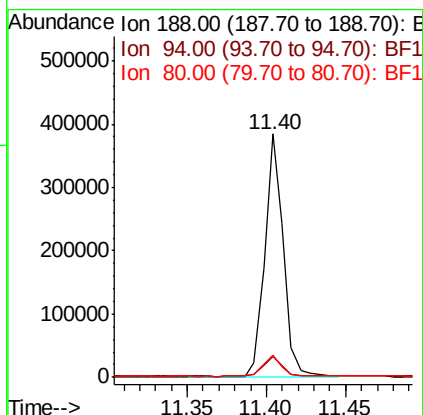
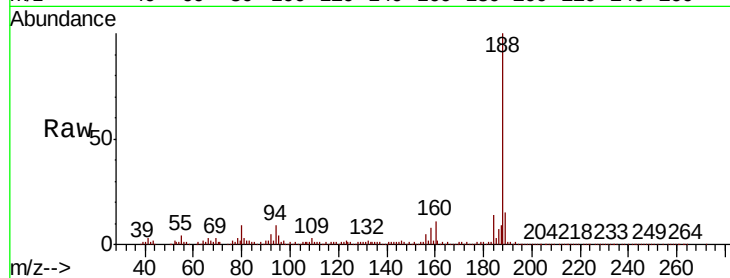




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118248.D
Acq: 18 Dec 2019 1:28

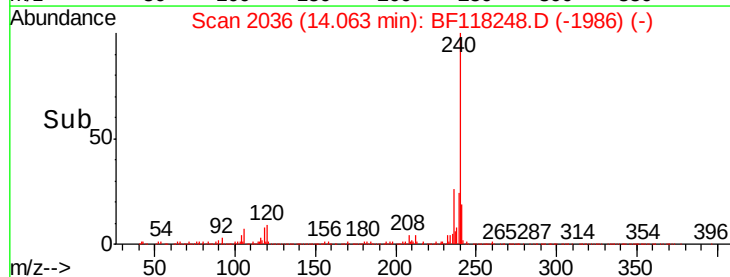
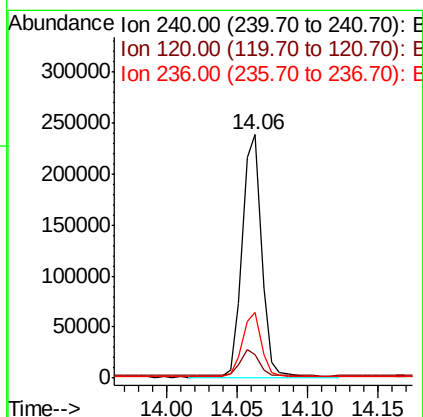
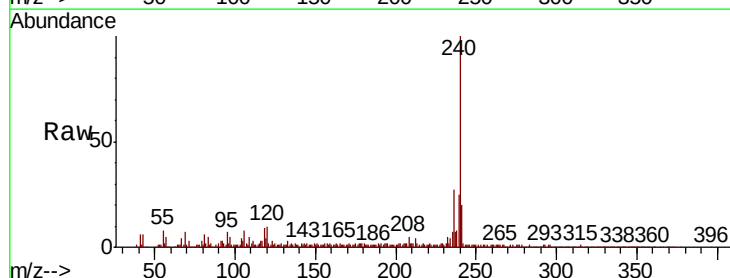
Instrument :
BNA_F
ClientSampleId :

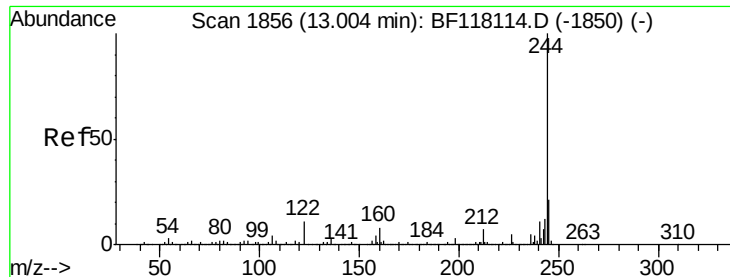
Tot Ion:188 Resp: 316031
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118248.D
Acq: 18 Dec 2019 1:28

Tgt Ion:240 Resp: 230023
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 26.8 21.0 31.6

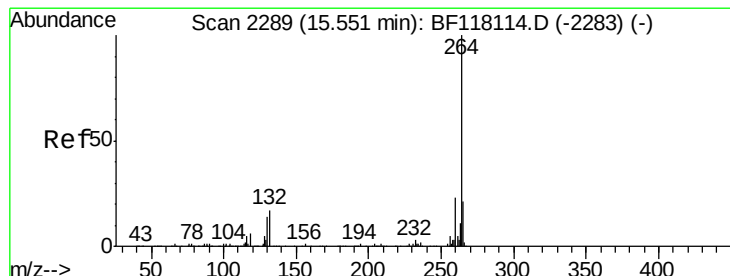
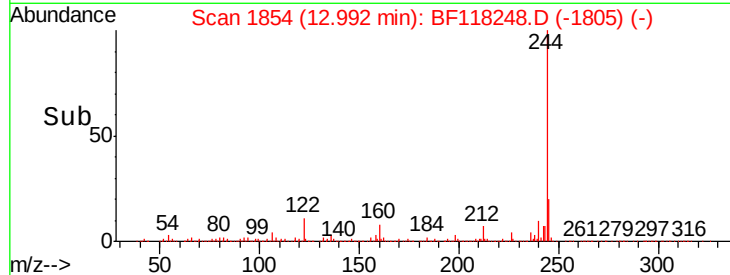
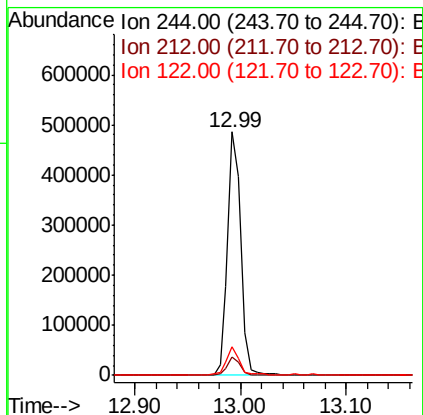
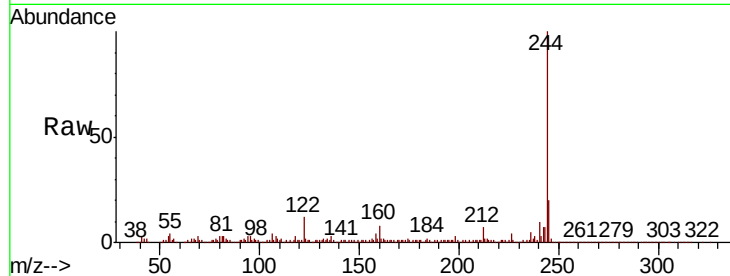




#79
 Terphenyl-d14
 Concen: 31.572 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF118248.D
 Acq: 18 Dec 2019 1:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.7	9.0	13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BF118248.D
 Acq: 18 Dec 2019 1:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.2	16.8	25.2

