

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118232.D
 Acq On : 17 Dec 2019 17:58
 Operator : JU
 Sample : K6299-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:04:28 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

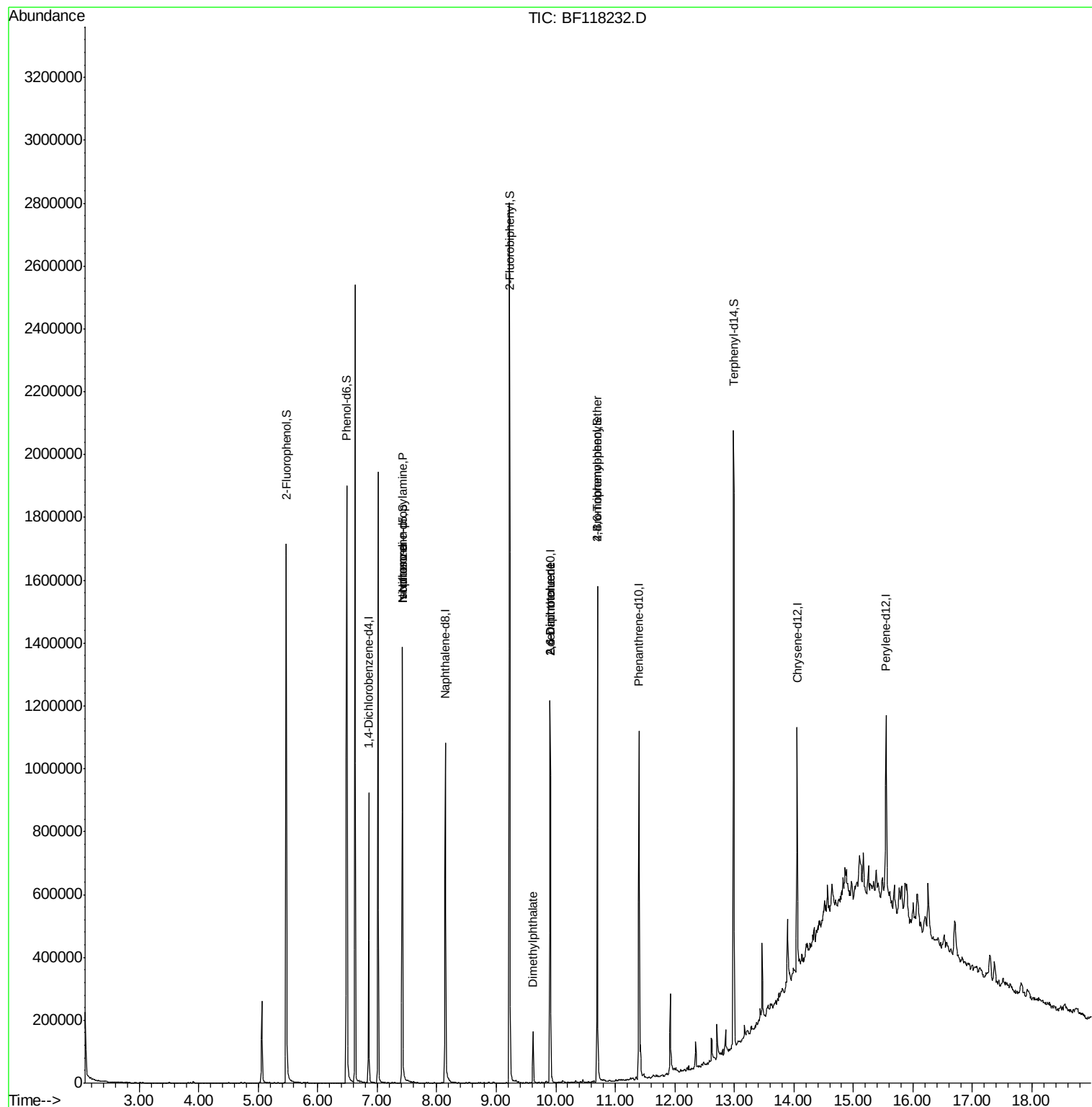
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126459	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	494921	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	250894	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	394896	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	261535	20.00	ng	-0.02
87) Perylene-d12	15.55	264	247842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	538156	74.53	ng	0.00
7) Phenol-d6	6.49	99	687596	78.74	ng	-0.01
23) Nitrobenzene-d5	7.42	82	412884	46.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	188677	61.90	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	807592	48.98	ng	-0.02
79) Terphenyl-d14	12.99	244	692514	45.53	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.49	77	1112	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	55195	10.401 ng	#	79
25) Isophorone	7.42	82	412879	27.685 ng	#	62
50) Dimethylphthalate	9.62	163	71267	3.846 ng		98
51) 2,6-Dinitrotoluene	9.90	165	31846	7.903 ng	#	27
57) 2,4-Dinitrotoluene	9.90	165	31846	5.921 ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	12179	2.702 ng	#	1

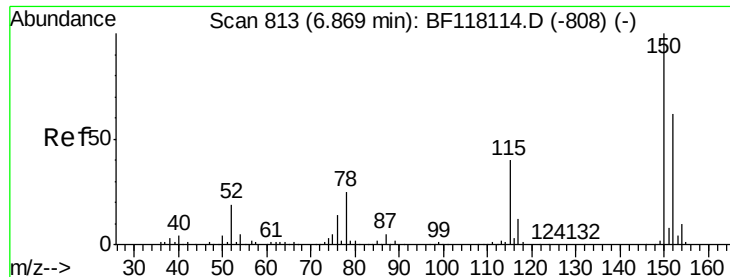
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



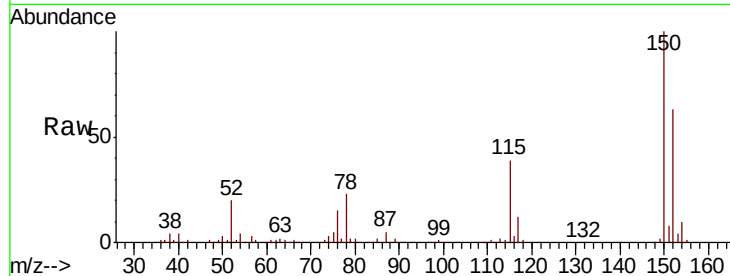


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.3	192.5
115	62.1	51.1	76.7

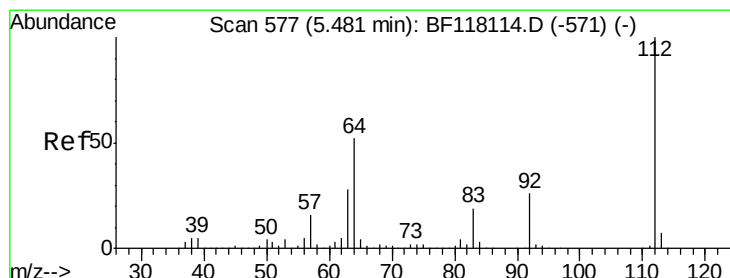
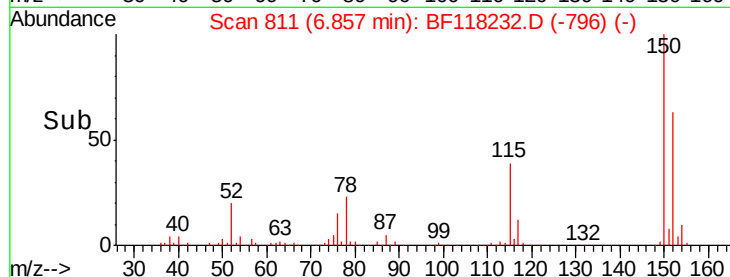
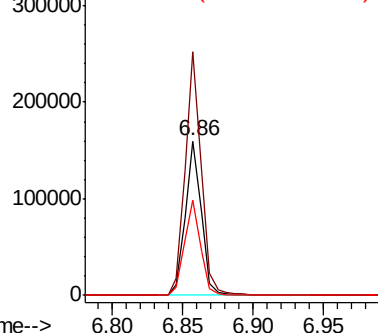


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

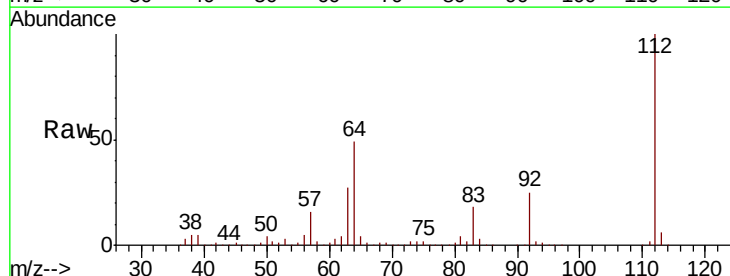
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.535 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	41.3	61.9
63	27.1	22.4	33.6

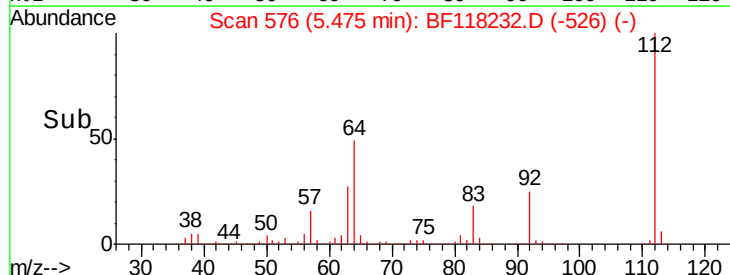
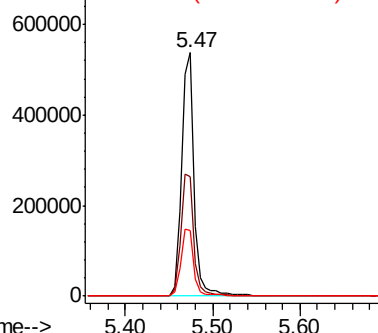


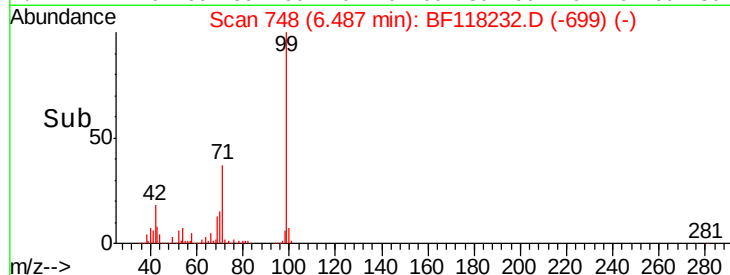
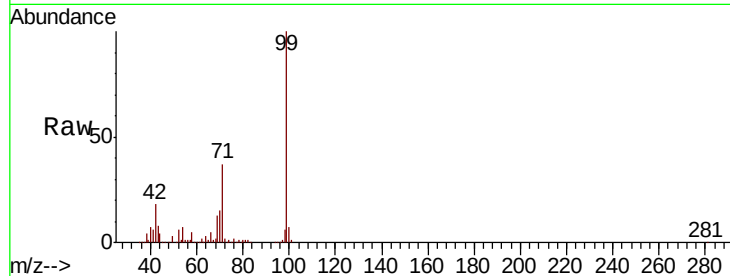
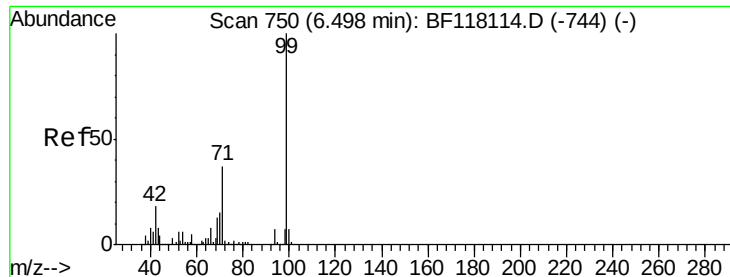
Abundance

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: 78.735 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

Instrument :

BNA_F

ClientSampled :

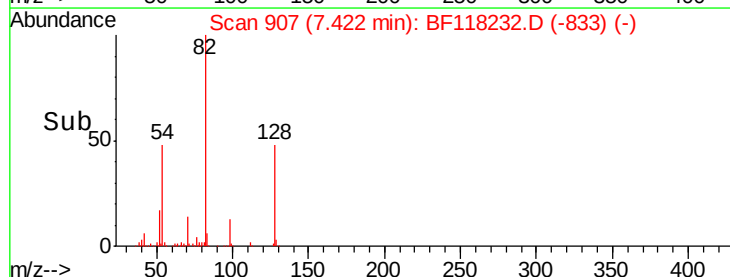
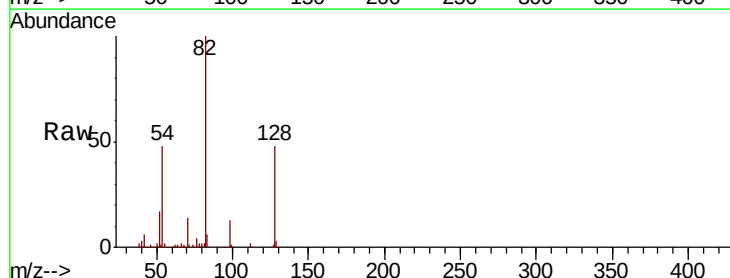
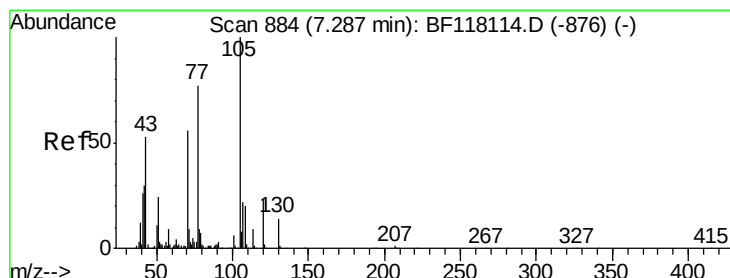
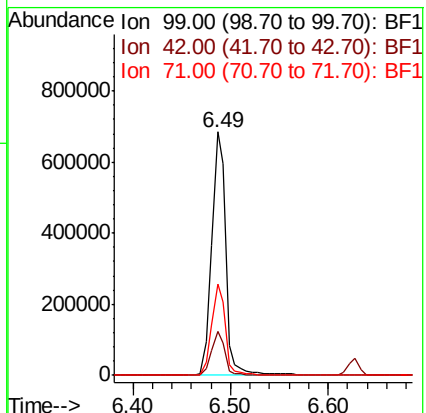
Tot Ion: 99 Resp: 687596

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

71 37.4 29.7 44.5



#19

n-Nitroso-di-n-propylamine

Concen: 10.401 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

Tgt Ion: 70 Resp: 55195

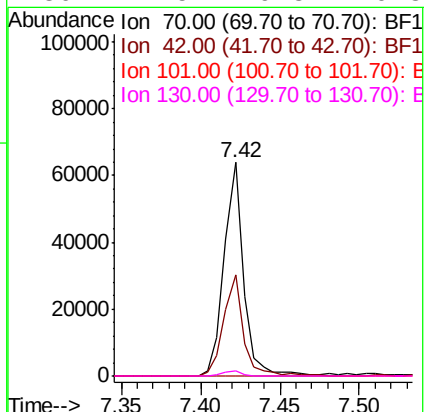
Ion Ratio Lower Upper

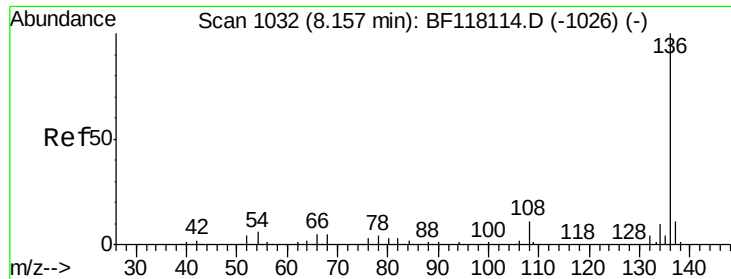
70 100

42 47.5 43.2 64.8

101 0.0 8.1 12.1#

130 2.5 19.8 29.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 494921

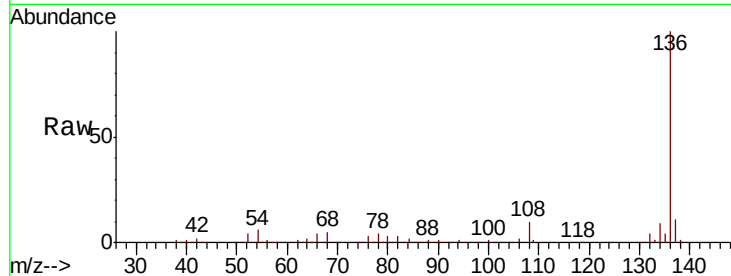
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.1 5.0 7.6

68 4.8 3.8 5.8

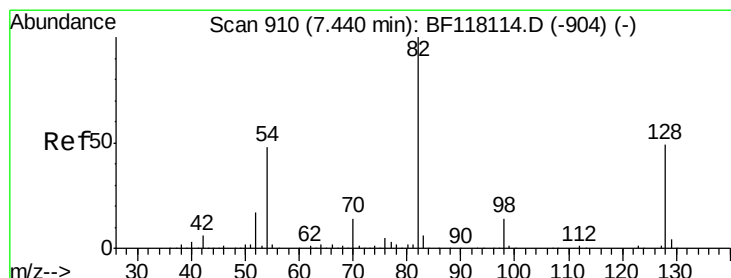
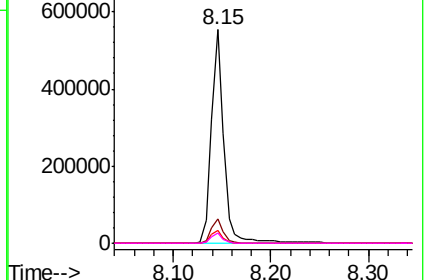
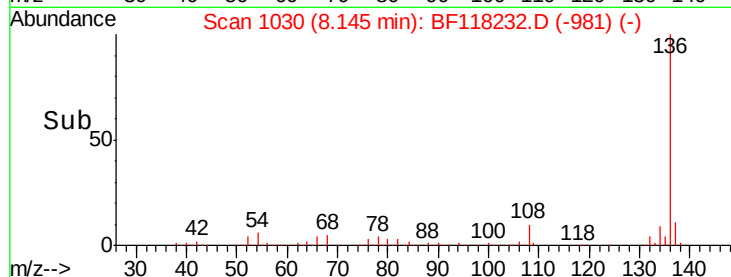


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.933 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

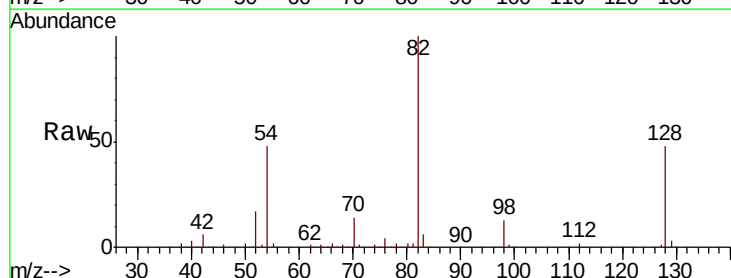
Tgt Ion: 82 Resp: 412884

Ion Ratio Lower Upper

82 100

128 48.5 39.1 58.7

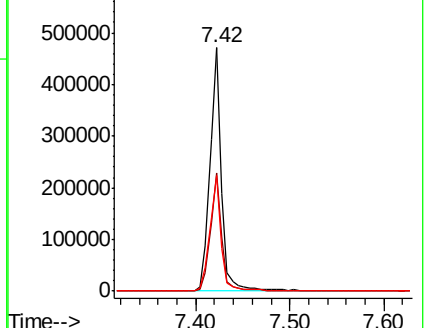
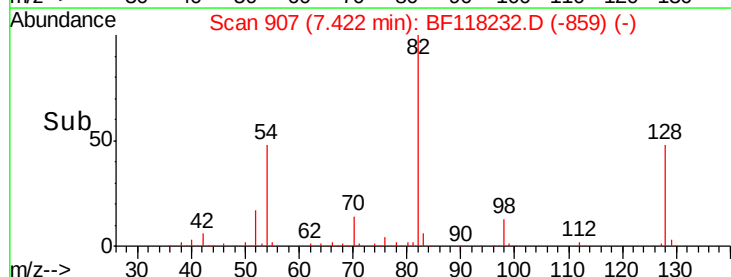
54 47.6 38.2 57.2

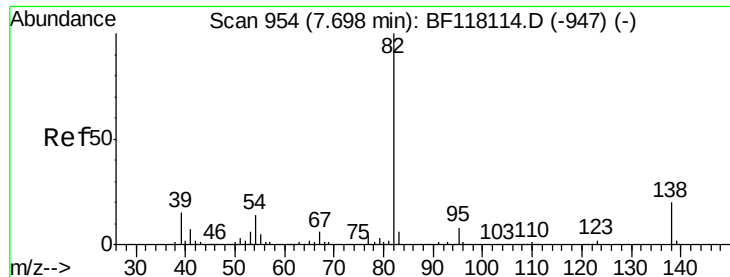


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.685 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

Instrument :

BNA_F

ClientSampleId :

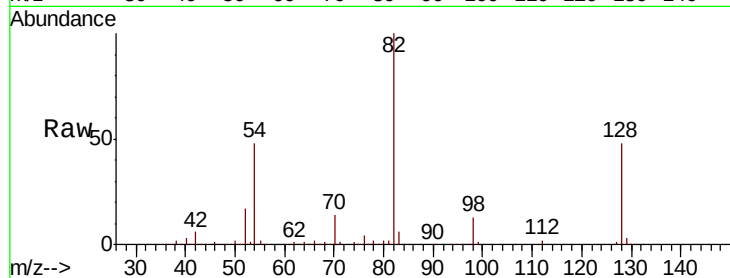
Tot Ion: 82 Resp: 412879

Ion Ratio Lower Upper

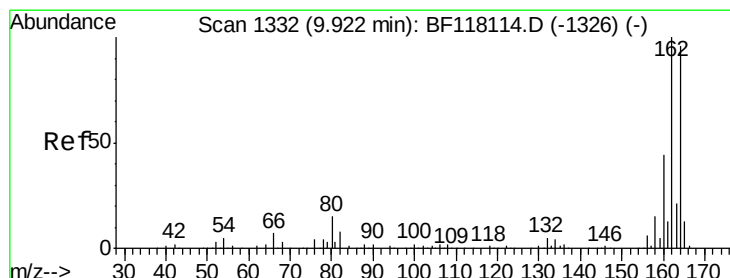
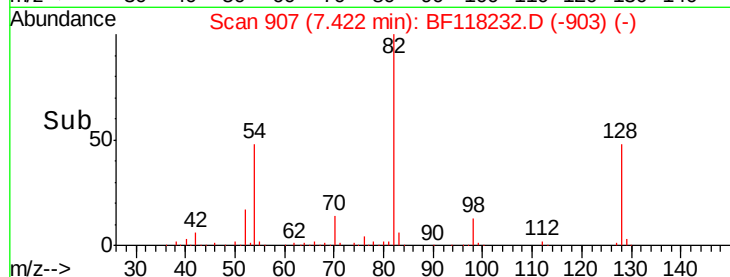
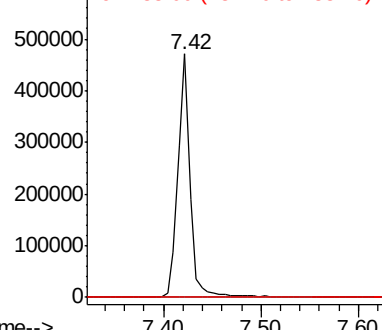
82 100

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: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

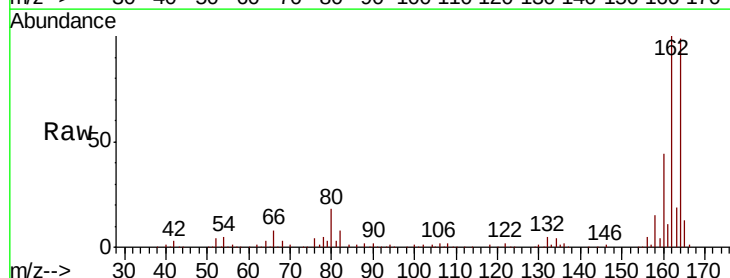
Tgt Ion: 164 Resp: 250894

Ion Ratio Lower Upper

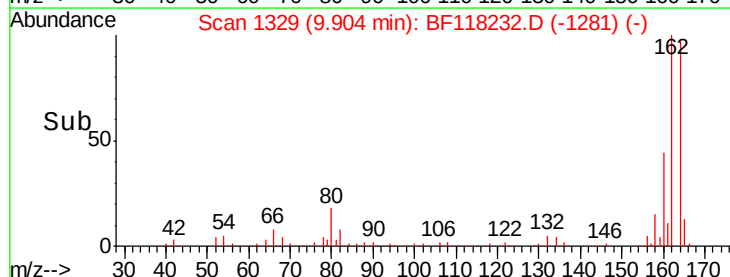
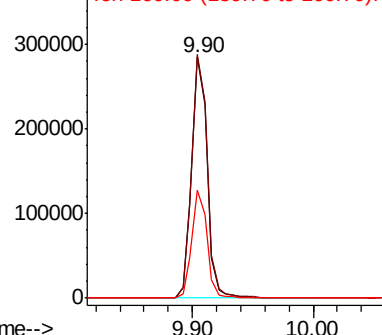
164 100

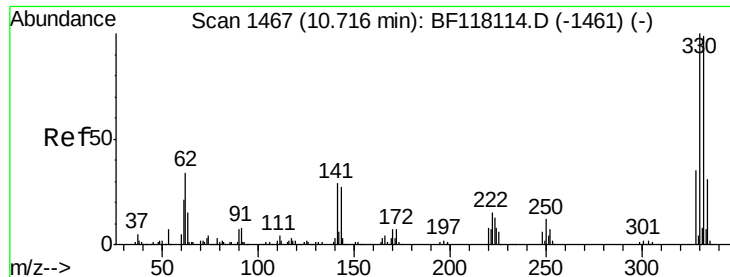
162 101.1 83.4 125.0

160 44.6 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: 61.904 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF118232.D

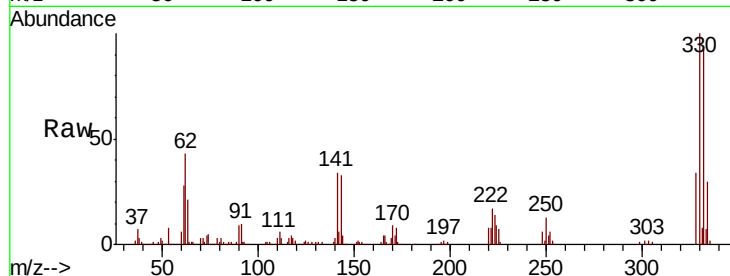
Acq: 17 Dec 2019 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	188677
Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	33.6	26.9	40.3

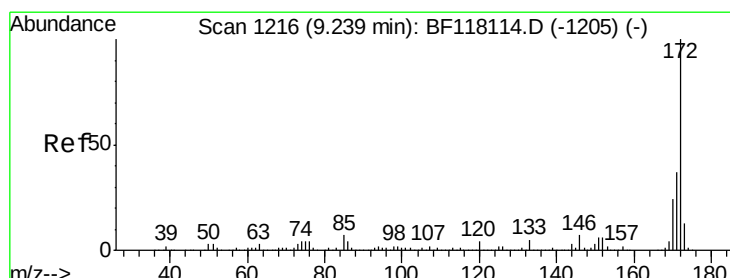
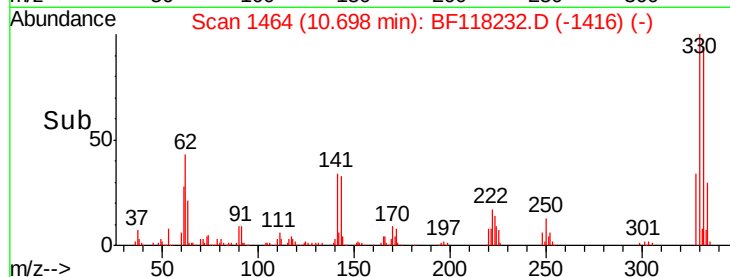
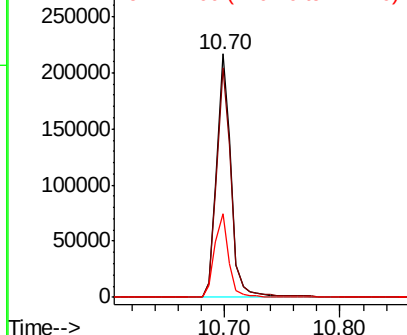


Abundance

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: 48.980 ng

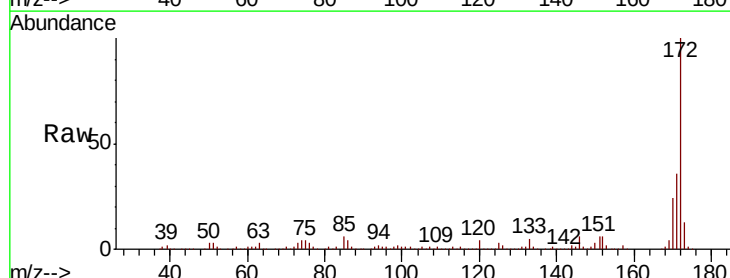
RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

Tgt Ion:	172	Resp:	807592
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.0	19.4	29.2

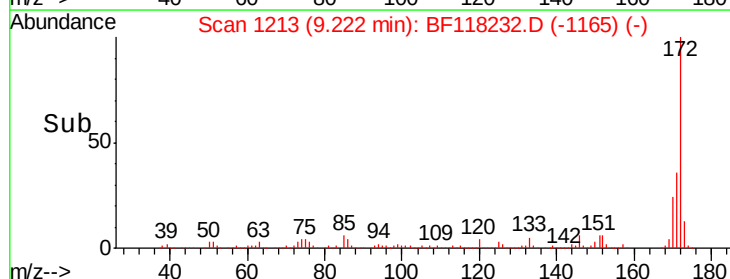
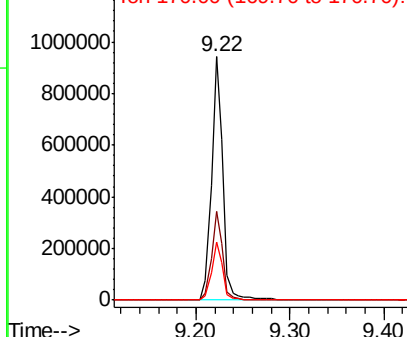


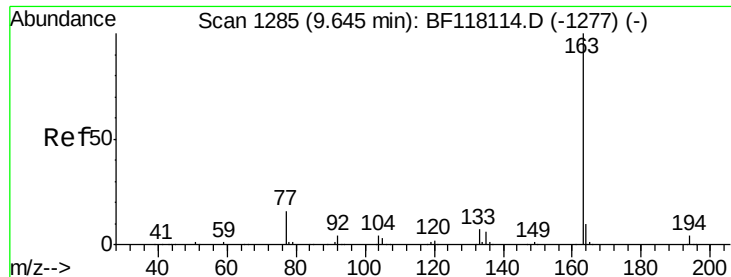
Abundance

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: 3.846 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

Instrument :

BNA_F

ClientSampleId :

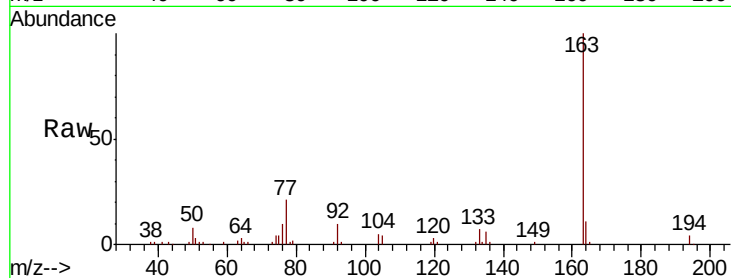
Tot Ion:163 Resp: 71267

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

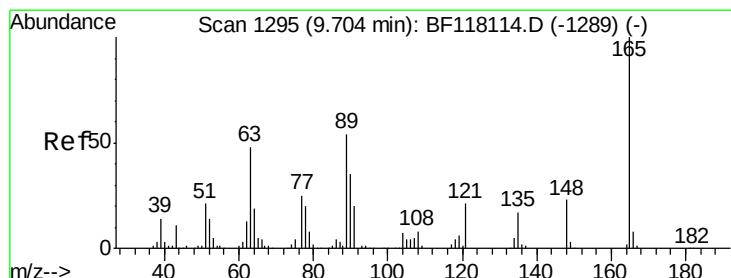
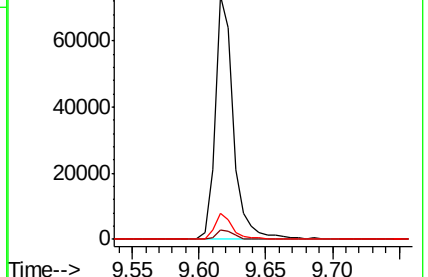
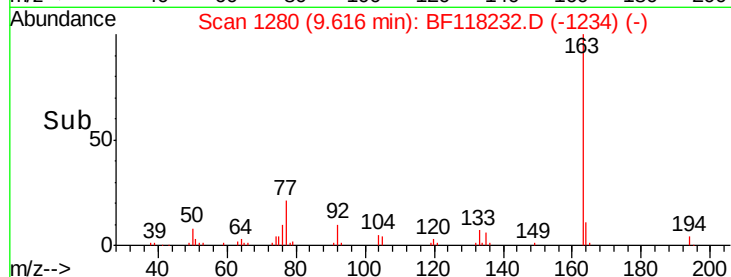
164 10.9 7.7 11.5



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



#51

2,6-Dinitrotoluene

Concen: 7.903 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.20 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

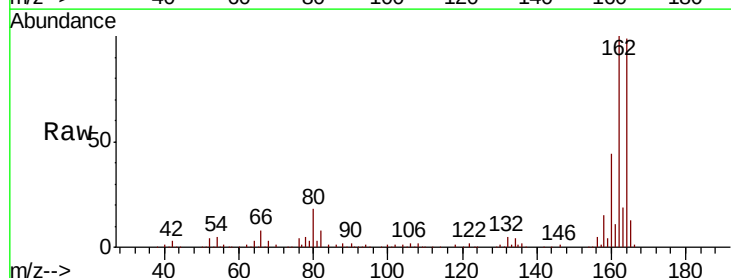
Tgt Ion:165 Resp: 31846

Ion Ratio Lower Upper

165 100

63 1.2 41.4 62.0#

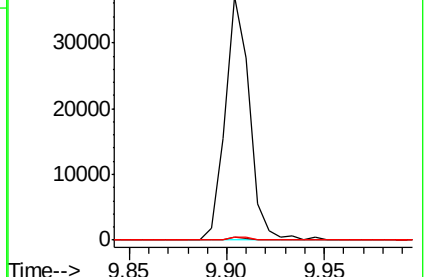
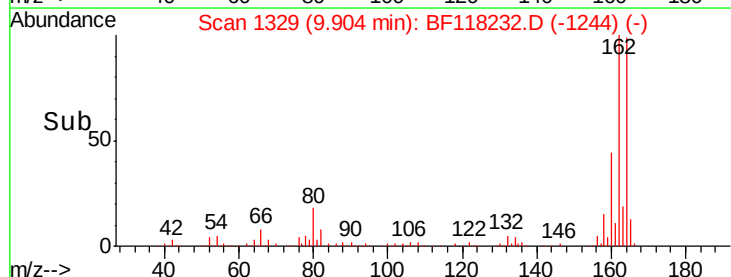
89 1.1 42.9 64.3#

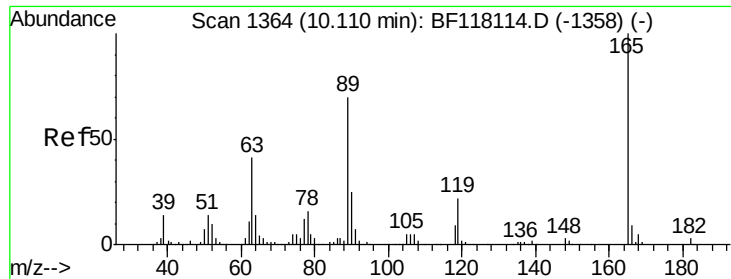


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

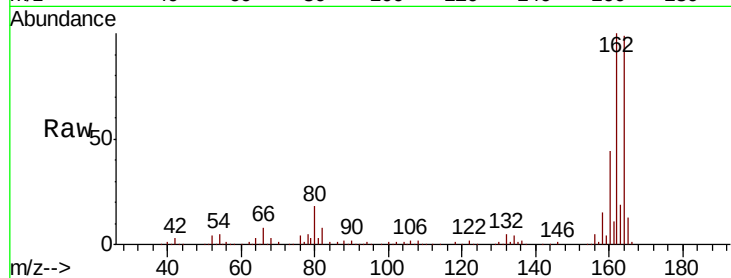




#57
 2,4-Dinitrotoluene
 Concen: 5.921 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118232.D
 Acq: 17 Dec 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.6	49.0#
89	1.1	56.1	84.1#
182	0.0	2.1	3.1#

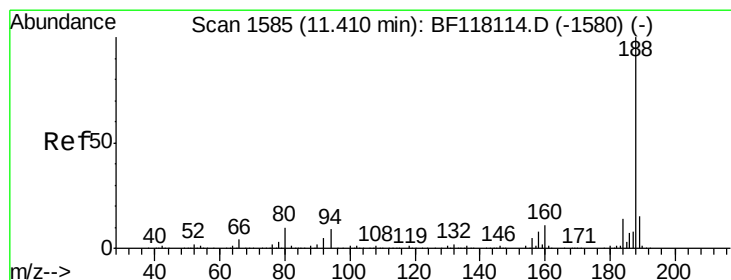
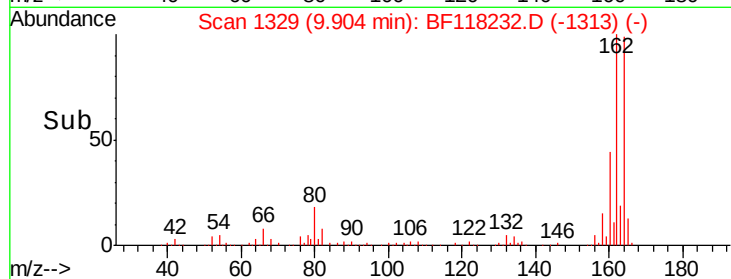
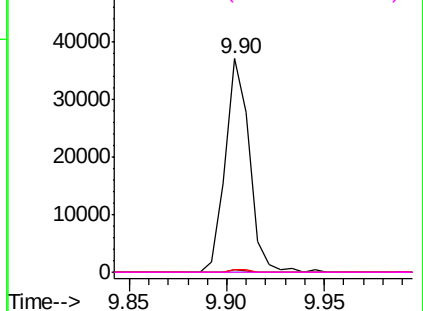


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

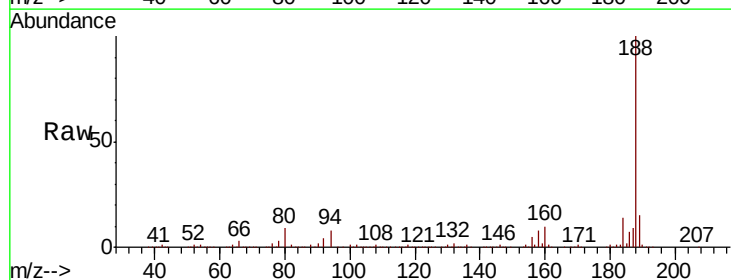
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118232.D
 Acq: 17 Dec 2019 17:58

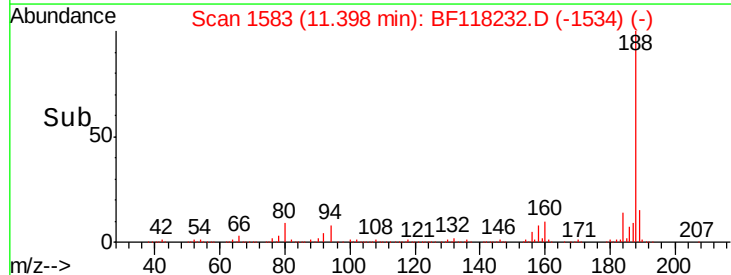
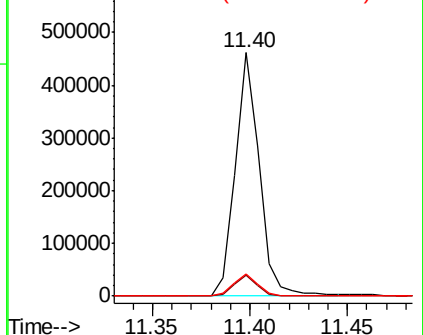
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.0	7.9	11.9

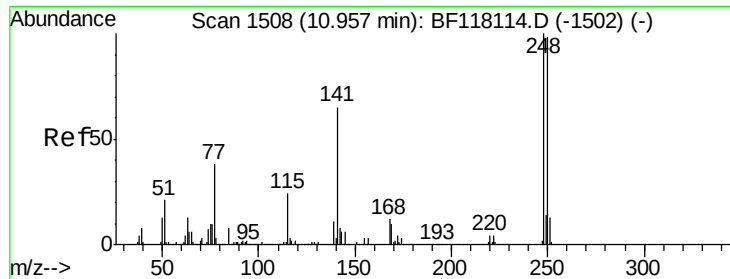


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

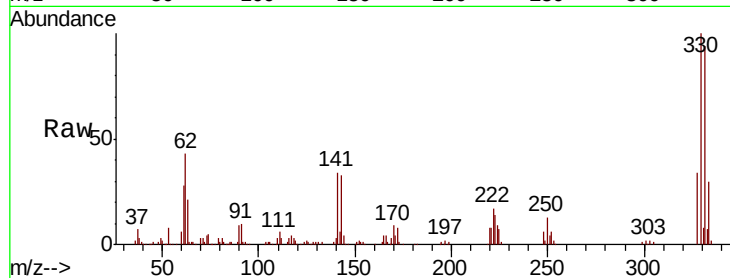




#67
4-Bromophenyl-phenylether
Concen: 2.702 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	197.1	78.3	117.5#
141	532.6	52.2	78.4#

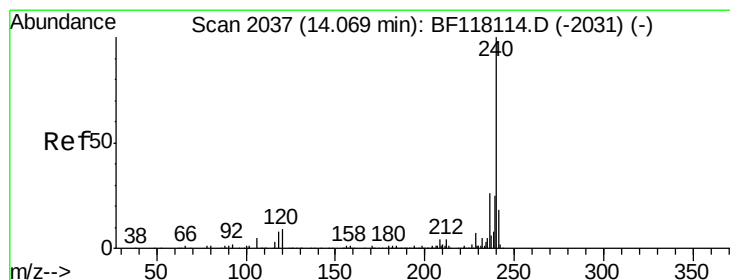
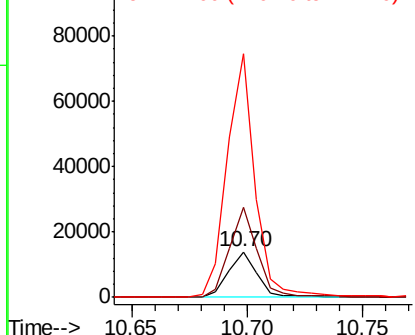
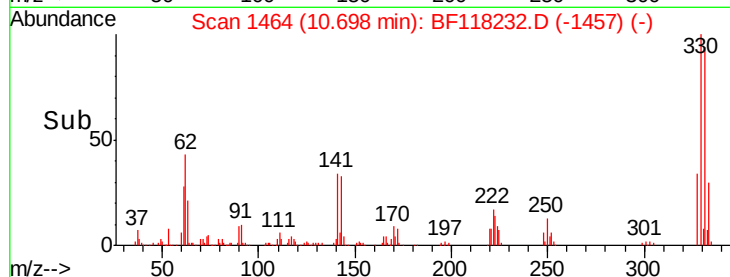


Abundance

Ion 248.00 (247.70 to 248.70): E

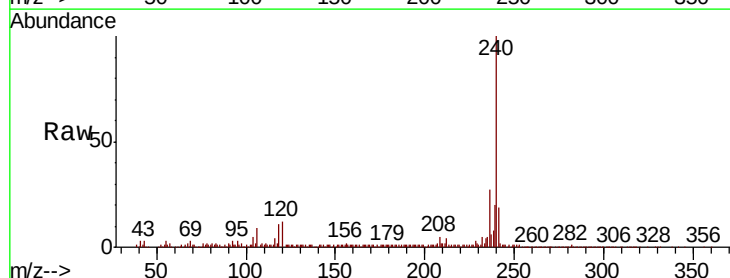
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	27.5	21.0	31.6

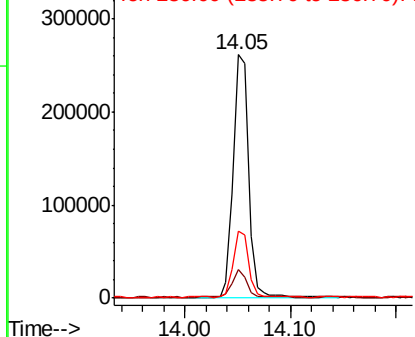
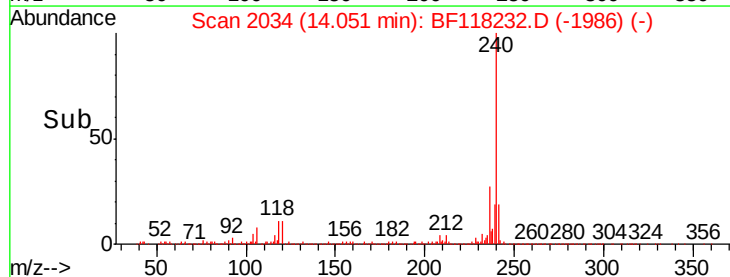


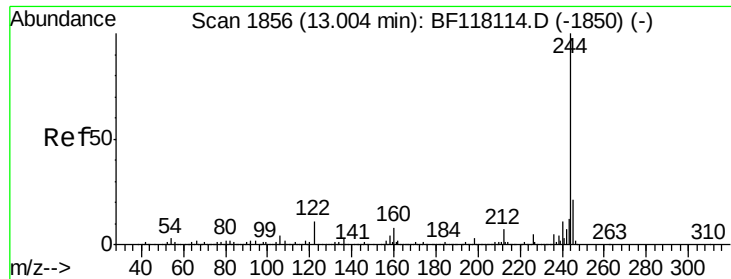
Abundance

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: 45.534 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BF118232.D

Acq: 17 Dec 2019 17:58

Instrument :

BNA_F

ClientSampled :

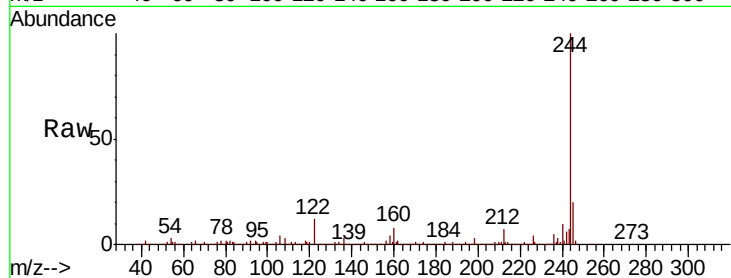
Tot Ion:244 Resp: 692514

Ion Ratio Lower Upper

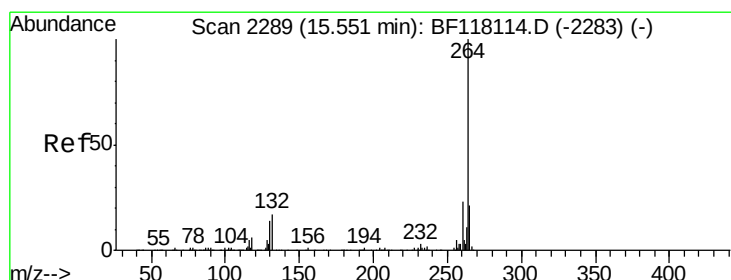
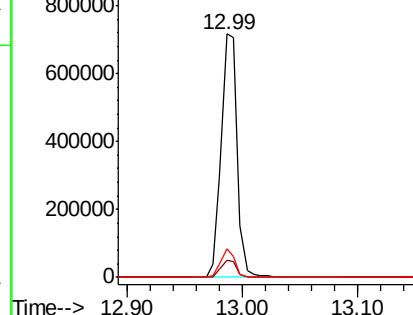
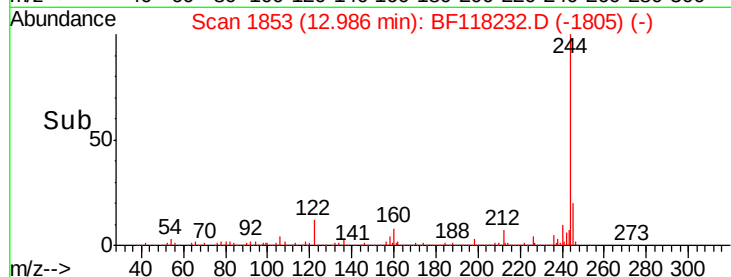
244 100

212 7.1 5.9 8.9

122 11.7 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: BF118232.D

Acq: 17 Dec 2019 17:58

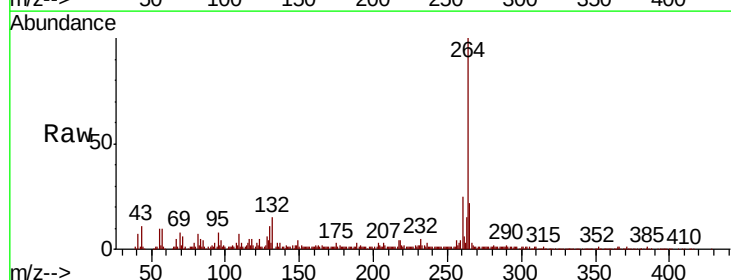
Tgt Ion:264 Resp: 247842

Ion Ratio Lower Upper

264 100

260 24.7 18.6 28.0

265 22.0 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

