

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118165.D
 Acq On : 10 Dec 2019 14:14
 Operator : JU
 Sample : K6119-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:41:55 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

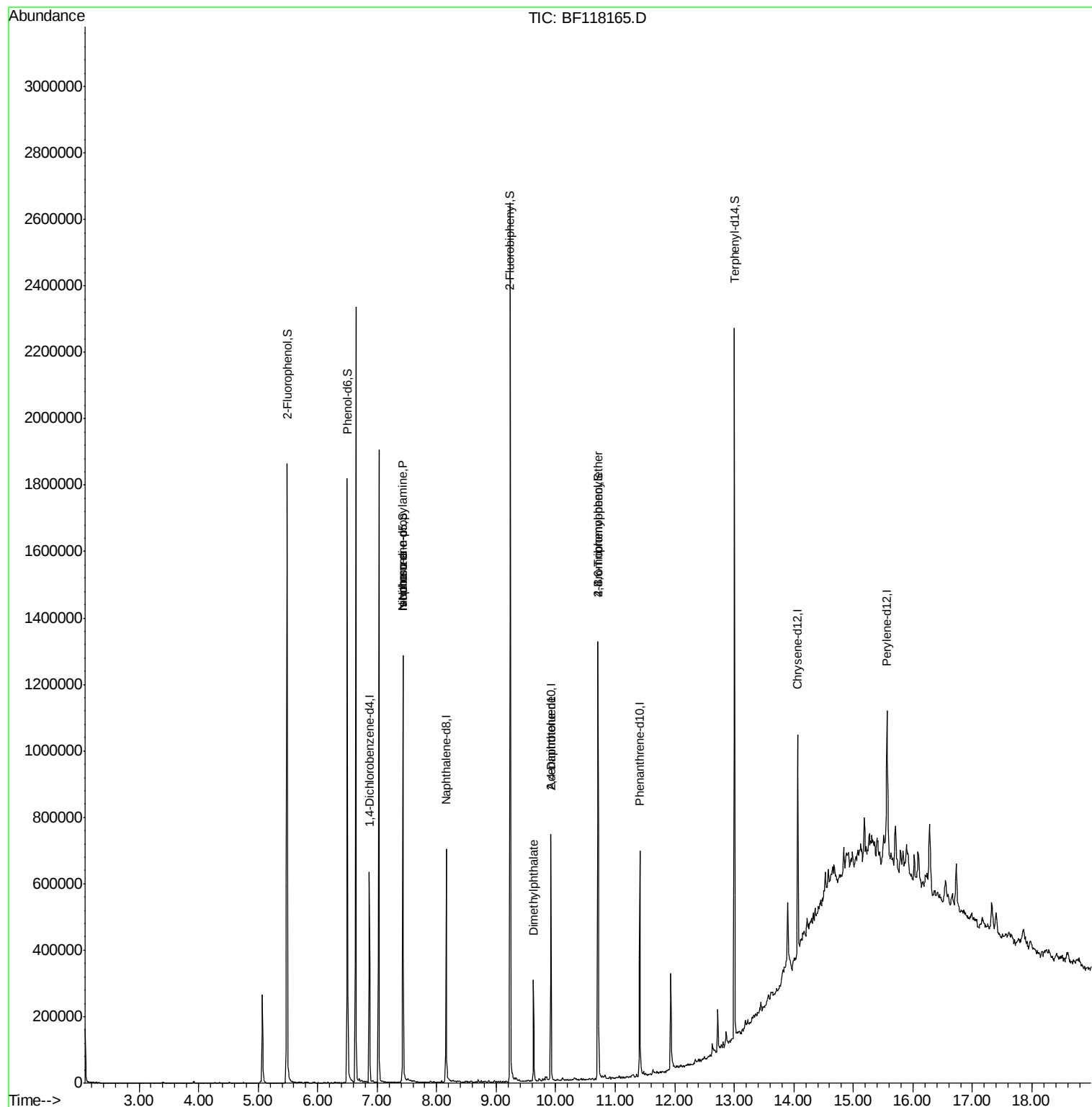
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85427	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	313208	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	142059	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	239705	20.00	ng	0.00
76) Chrysene-d12	14.06	240	212079	20.00	ng	0.00
87) Perylene-d12	15.56	264	166291	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	526033	107.85	ng	0.00
7) Phenol-d6	6.50	99	642773	108.96	ng	0.00
23) Nitrobenzene-d5	7.43	82	377896	67.88	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	160320	92.90	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	731015	78.30	ng	0.00
79) Terphenyl-d14	13.00	244	778148	63.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	893	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	52511	14.648	ng	# 76
25) Isophorone	7.43	82	375341	39.770	ng	# 62
50) Dimethylphthalate	9.63	163	116436	11.096	ng	99
57) 2,4-Dinitrotoluene	9.92	165	17985	5.906	ng	# 26
67) 4-Bromophenyl-phenylether	10.71	248	10232	3.739	ng	# 1

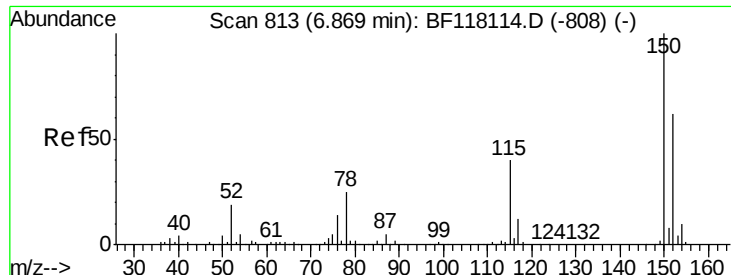
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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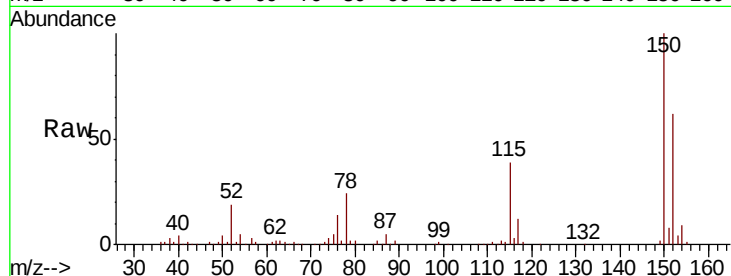


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118165.D
Acq: 10 Dec 2019 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	128.3	192.5
115	63.0	51.1	76.7

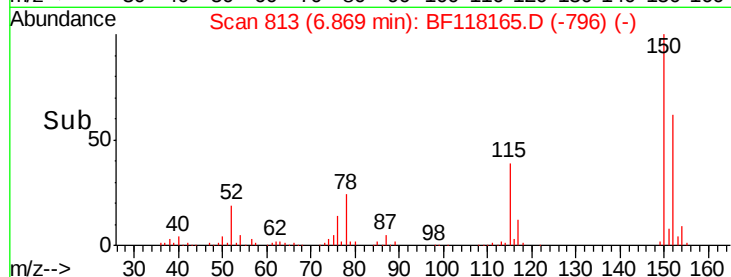
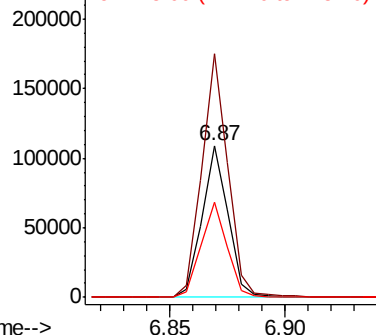


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

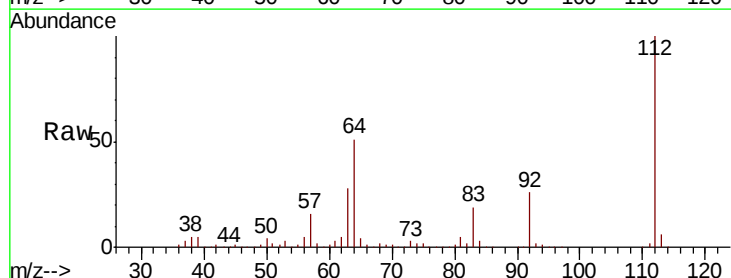
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.850 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118165.D
Acq: 10 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	41.3	61.9
63	28.0	22.4	33.6

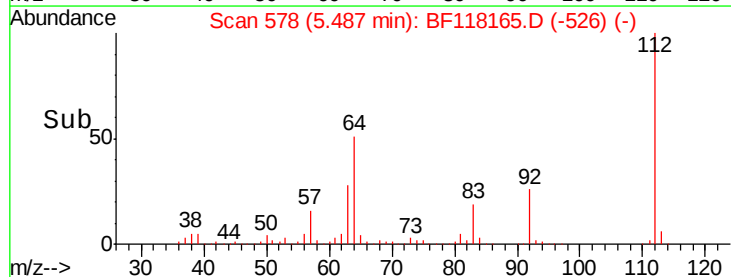
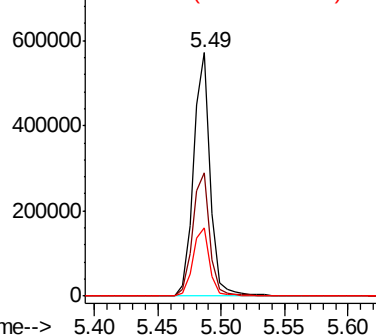


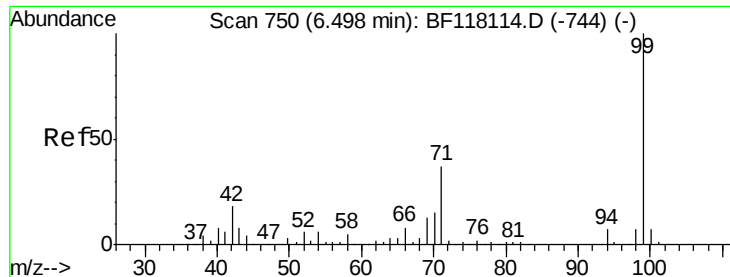
Abundance

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: 108.955 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118165.D

Acq: 10 Dec 2019 14:14

Instrument :

BNA_F

ClientSampled :

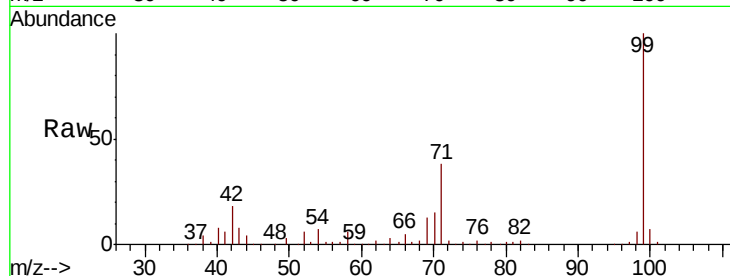
Tot Ion: 99 Resp: 642773

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

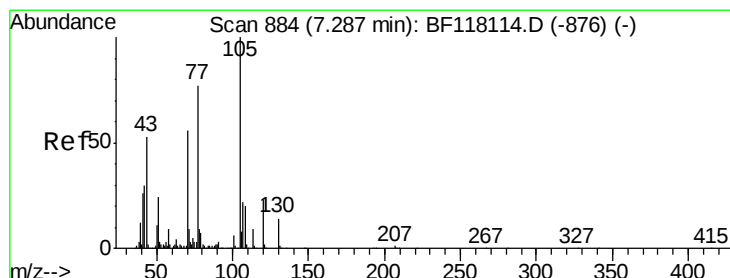
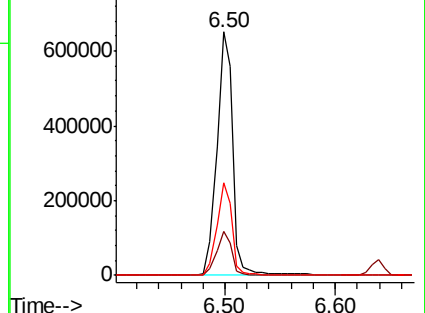
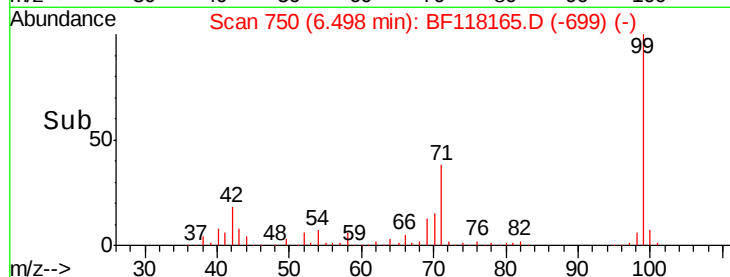
71 37.8 29.7 44.5



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: 14.648 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF118165.D

Acq: 10 Dec 2019 14:14

Tgt Ion: 70 Resp: 52511

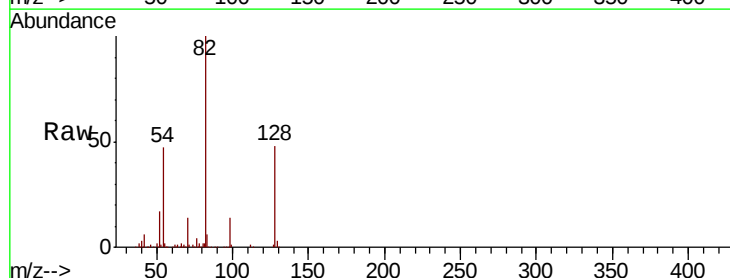
Ion Ratio Lower Upper

70 100

42 44.1 43.2 64.8

101 0.0 8.1 12.1#

130 2.1 19.8 29.8#

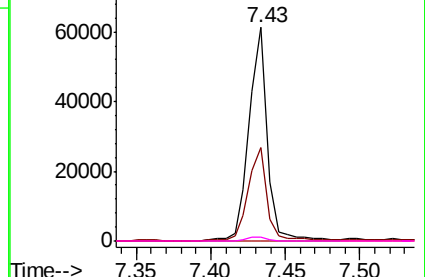
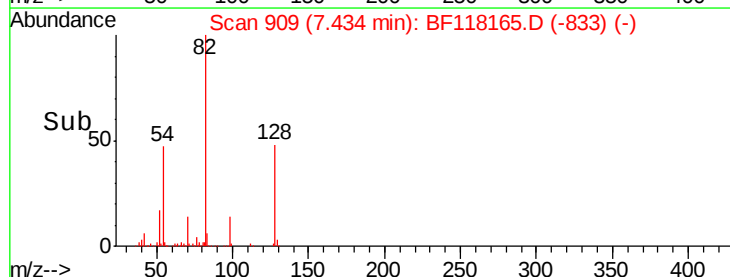


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

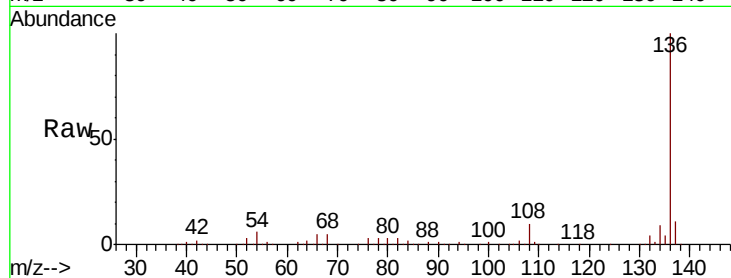




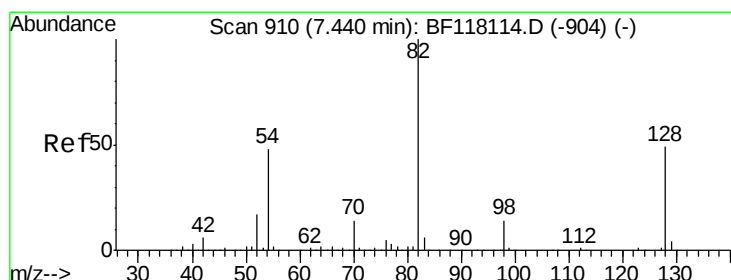
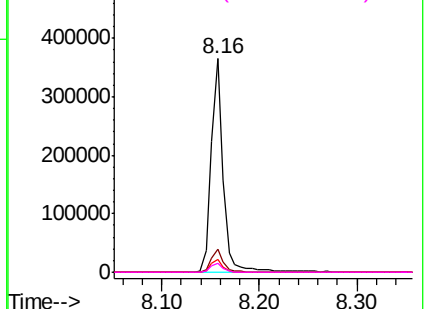
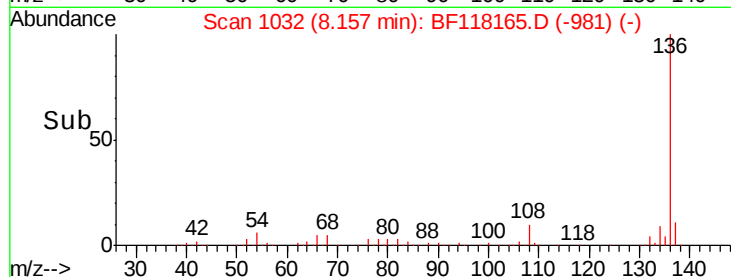
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF118165.D
Acq: 10 Dec 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	313208
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	5.9	5.0 7.6
68	4.5	3.8 5.8

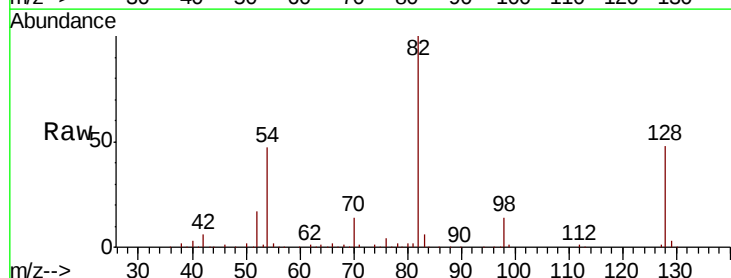


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

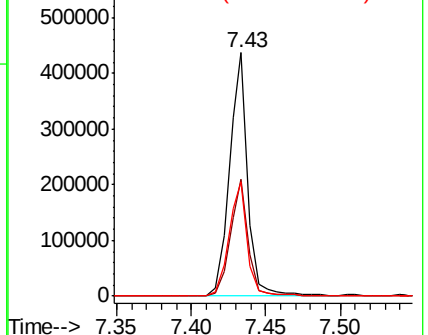
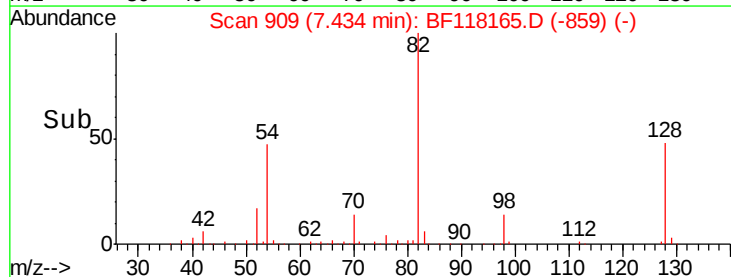


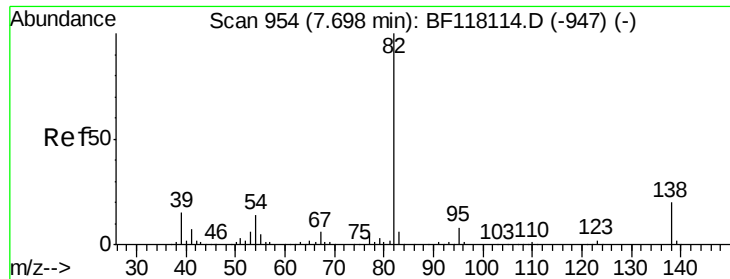
#23
Nitrobenzene-d5
Concen: 67.877 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118165.D
Acq: 10 Dec 2019 14:14

Tgt Ion: 82	Resp:	377896
Ion Ratio	Lower	Upper
82	100	
128	48.0	39.1 58.7
54	47.2	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: 39.770 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF118165.D

Acq: 10 Dec 2019 14:14

Instrument :

BNA_F

ClientSampleId :

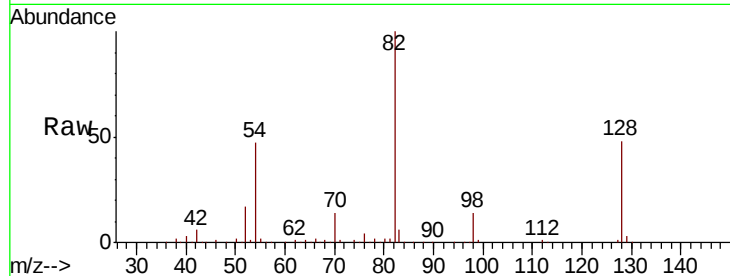
Tot Ion: 82 Resp: 375341

Ion Ratio Lower Upper

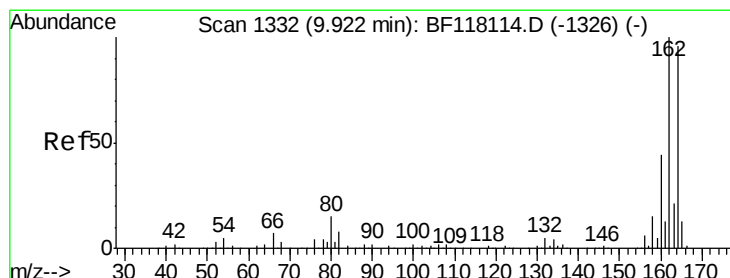
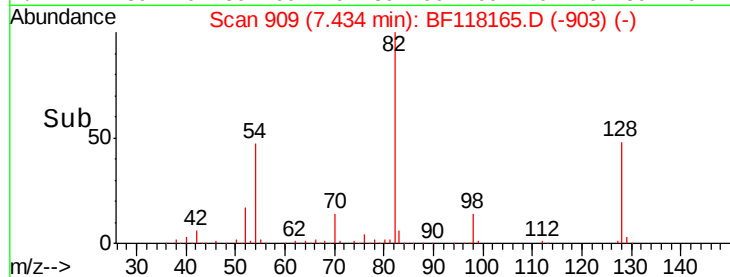
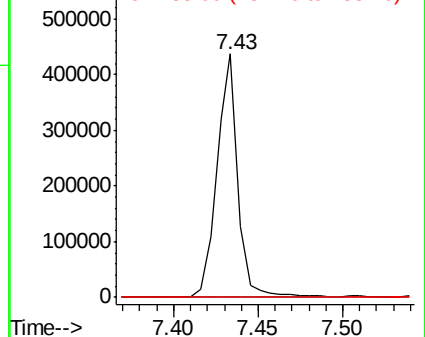
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118165.D

Acq: 10 Dec 2019 14:14

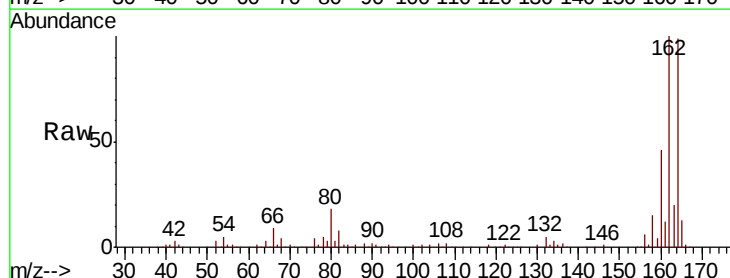
Tgt Ion: 164 Resp: 142059

Ion Ratio Lower Upper

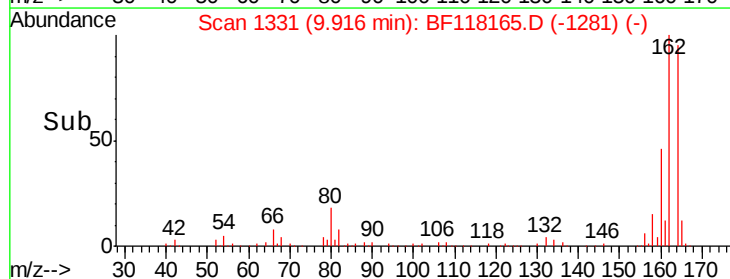
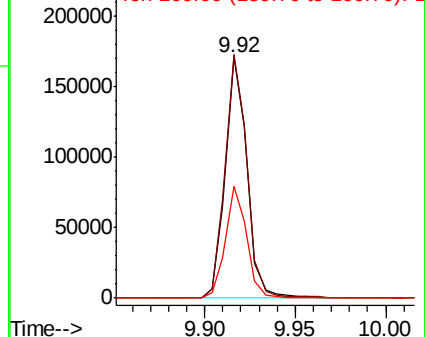
164 100

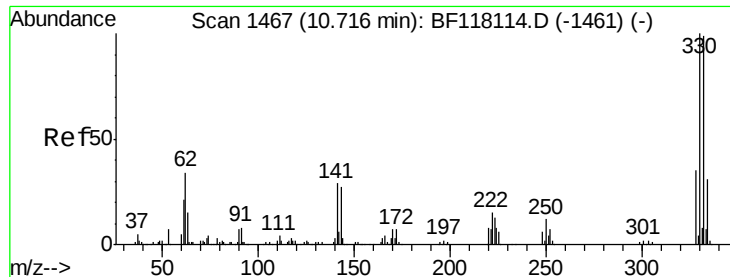
162 101.2 83.4 125.0

160 46.4 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

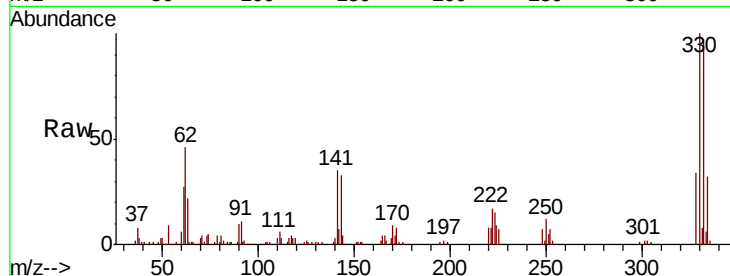




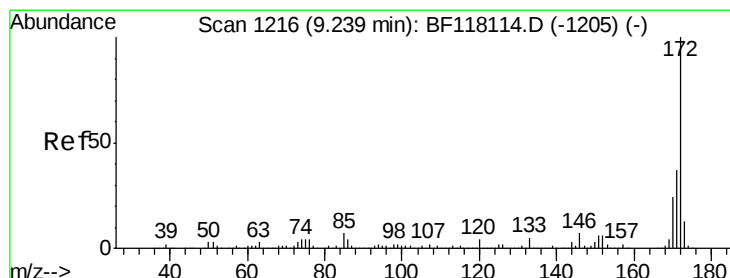
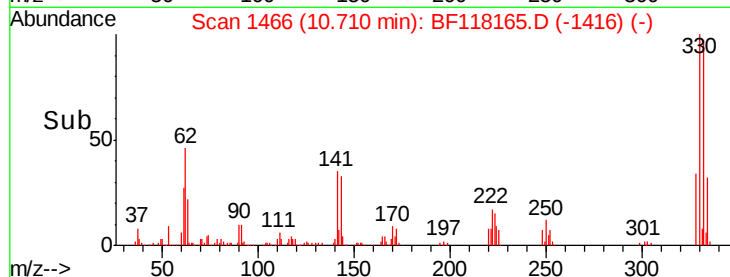
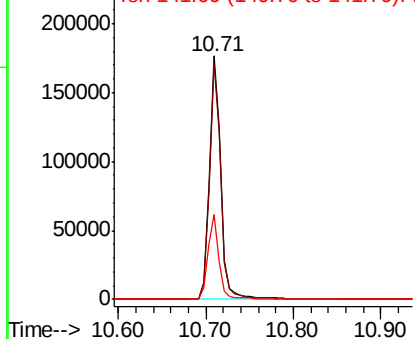
#42
 2,4,6-Tribromophenol
 Concen: 92.898 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118165.D
 Acq: 10 Dec 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.1	117.1
141	33.8	26.9	40.3

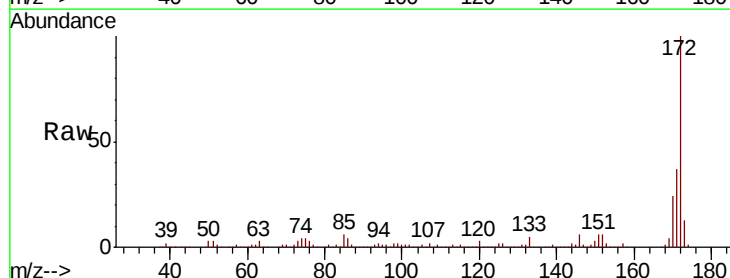


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

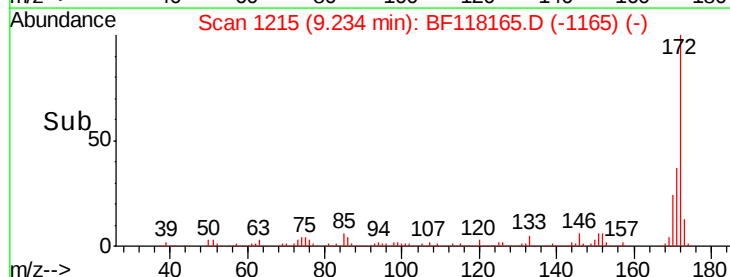
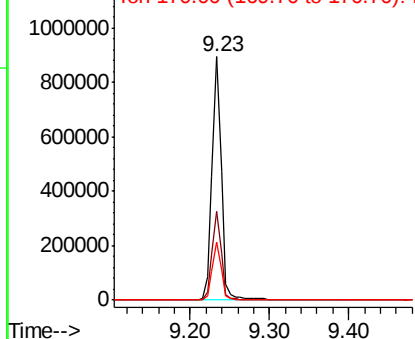


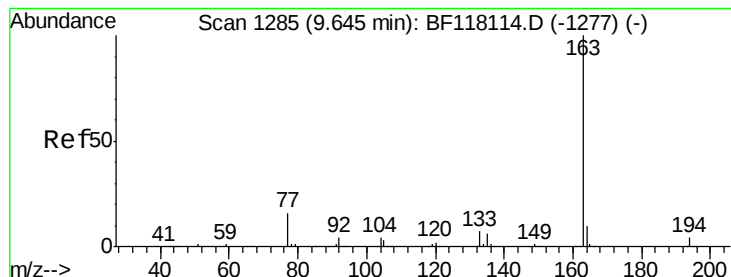
#45
 2-Fluorobiphenyl
 Concen: 78.302 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118165.D
 Acq: 10 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	23.9	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: 11.096 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118165.D

Acq: 10 Dec 2019 14:14

Instrument :

BNA_F

ClientSampleId :

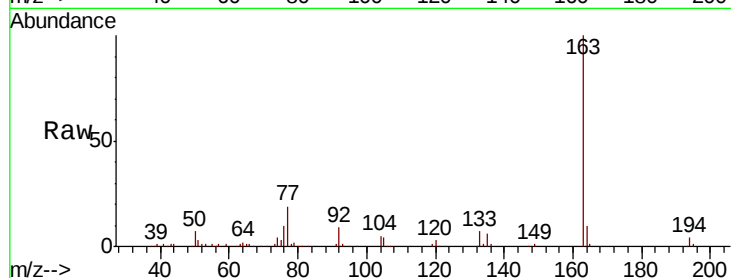
Tot Ion:163 Resp: 116436

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

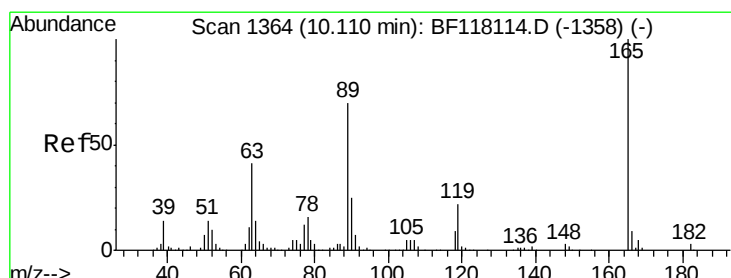
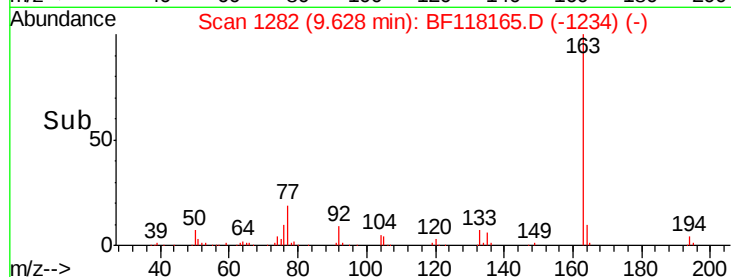
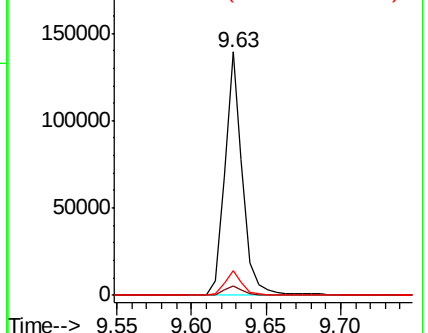
164 10.0 7.7 11.5



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: 5.906 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF118165.D

Acq: 10 Dec 2019 14:14

Tgt Ion:165 Resp: 17985

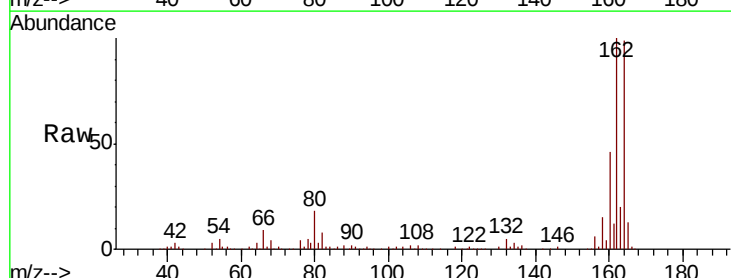
Ion Ratio Lower Upper

165 100

63 2.0 32.6 49.0#

89 1.7 56.1 84.1#

182 0.0 2.1 3.1#

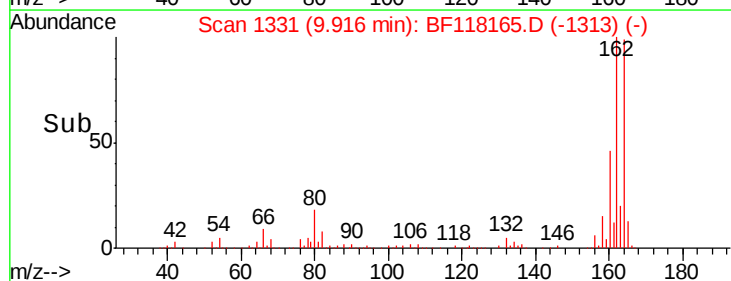
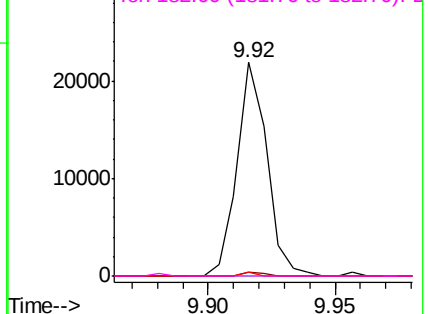


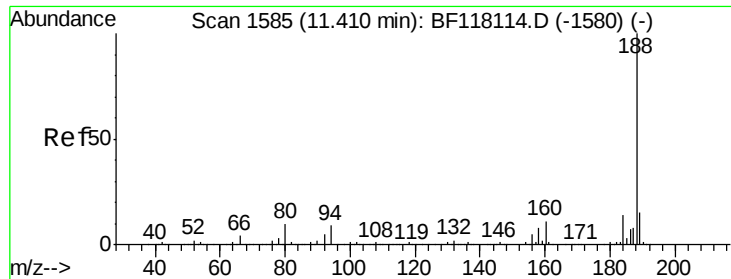
Abundance Ion 165.00 (164.70 to 165.70): E

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

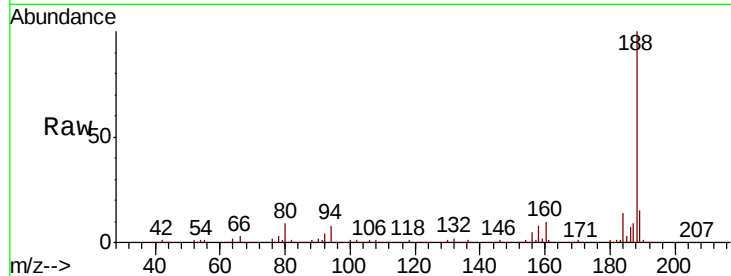




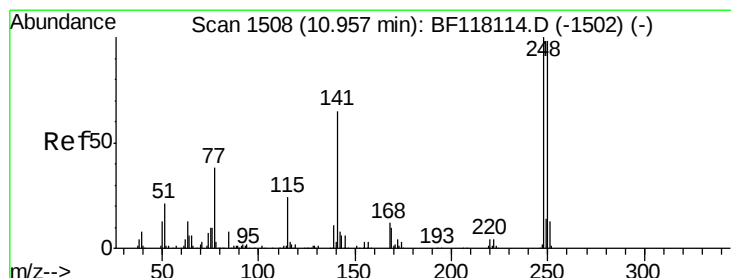
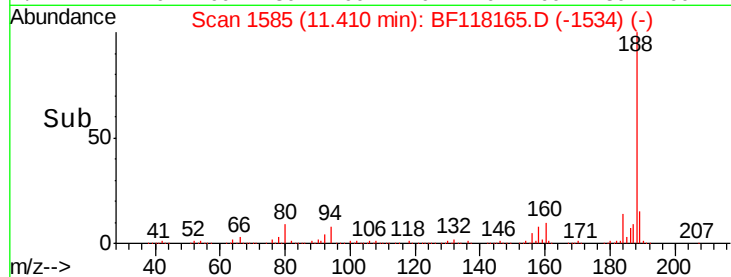
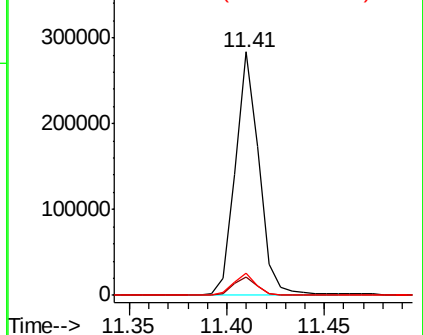
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF118165.D
 Acq: 10 Dec 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 239705
 Ion Ratio Lower Upper
 188 100
 94 7.5 7.1 10.7
 80 9.0 7.9 11.9

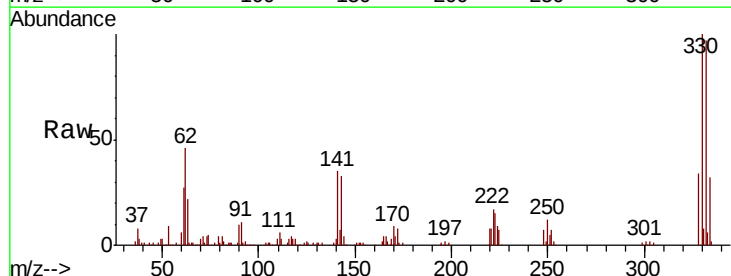


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

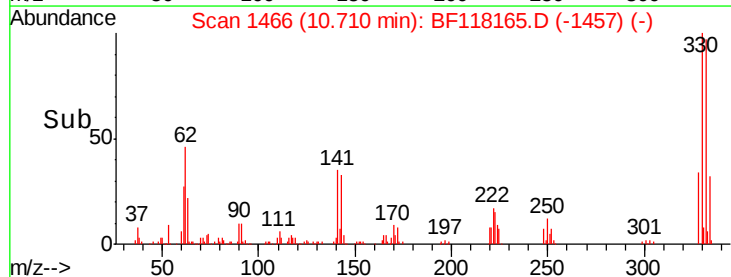
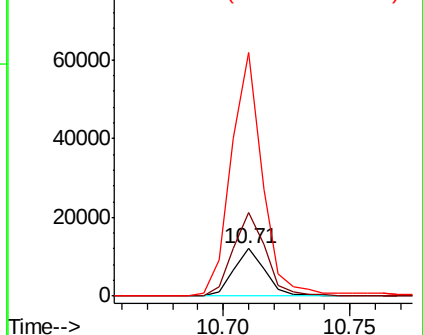


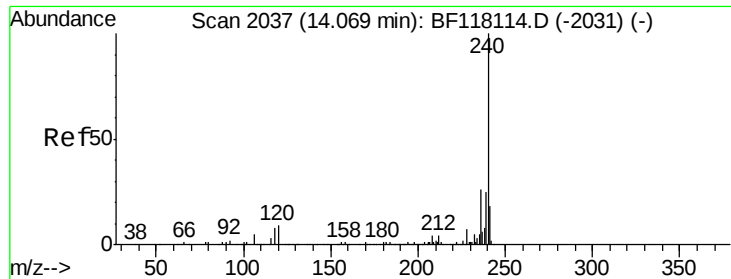
#67
 4-Bromophenyl-phenylether
 Concen: 3.739 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF118165.D
 Acq: 10 Dec 2019 14:14

Tgt Ion:248 Resp: 10232
 Ion Ratio Lower Upper
 248 100
 250 176.1 78.3 117.5#
 141 515.6 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

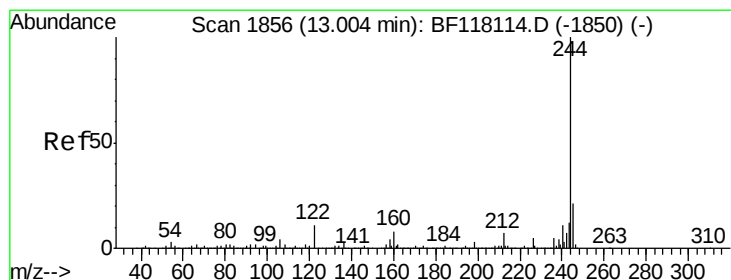
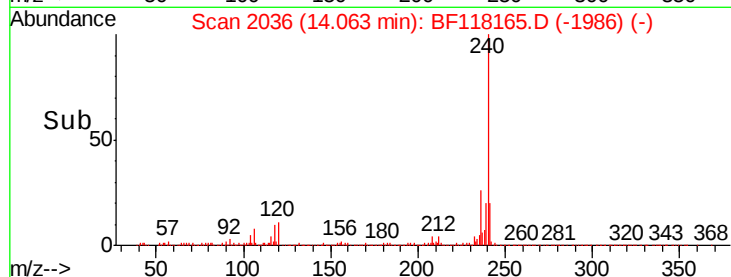
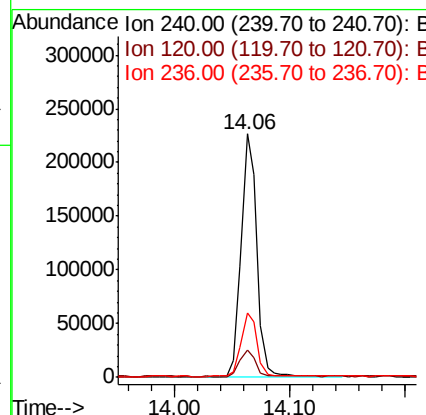
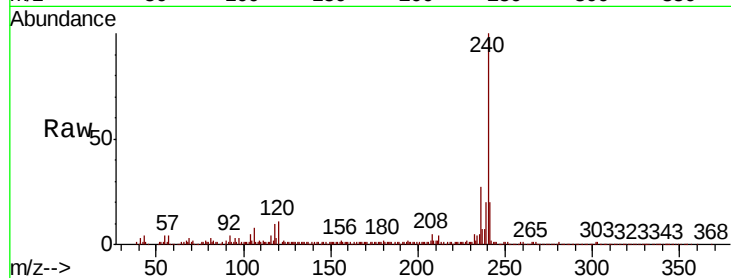




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118165.D
Acq: 10 Dec 2019 14:14

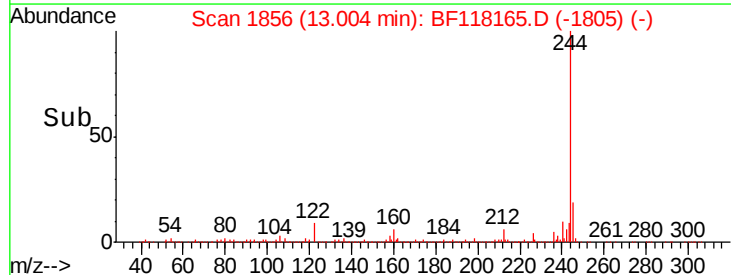
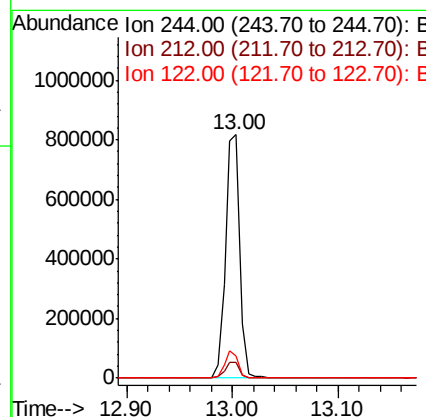
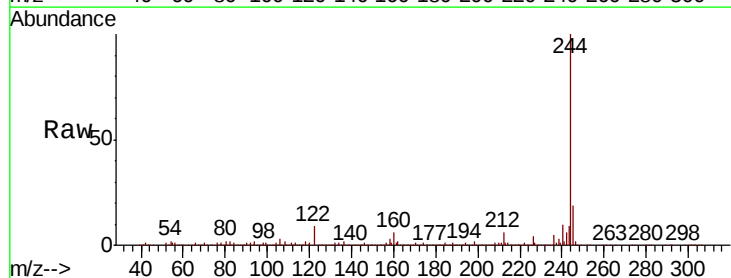
Instrument :
BNA_F
ClientSampleId :

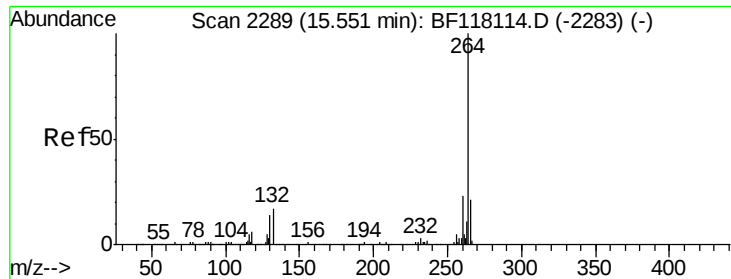
Tot Ion:240 Resp: 212079
Ion Ratio Lower Upper
240 100
120 11.4 7.1 10.7#
236 26.6 21.0 31.6



#79
Terphenyl-d14
Concen: 63.096 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF118165.D
Acq: 10 Dec 2019 14:14

Tgt Ion:244 Resp: 778148
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 9.1 9.0 13.6

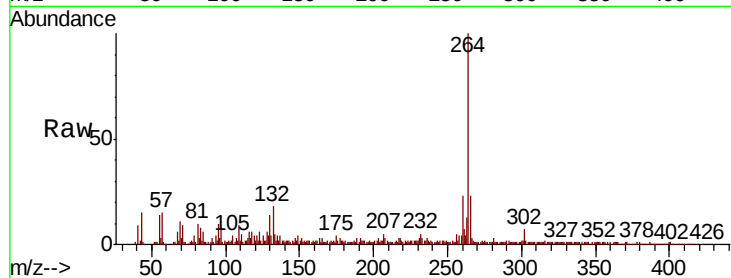




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BF118165.D
 Acq: 10 Dec 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.6	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

