

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118255.D
 Acq On : 18 Dec 2019 13:28
 Operator : JU
 Sample : K6324-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 03:07:19 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

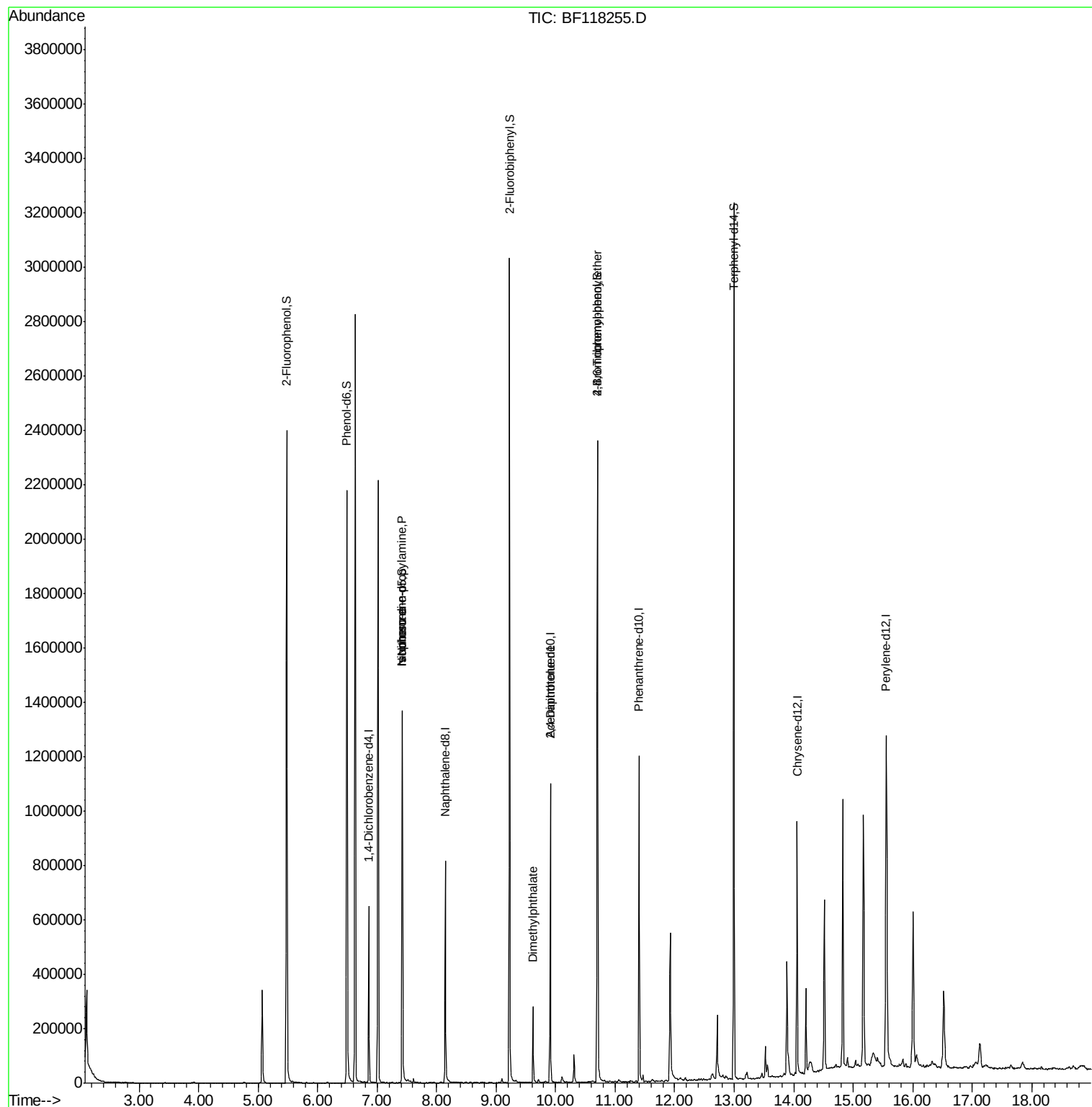
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104196	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	409392	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	216813	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	419759	20.00	ng	0.00
76) Chrysene-d12	14.06	240	297714	20.00	ng	-0.01
87) Perylene-d12	15.55	264	261883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	648963	109.09	ng	0.00
7) Phenol-d6	6.49	99	829118	115.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	493214	67.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	286156	108.64	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	921862	64.70	ng	-0.01
79) Terphenyl-d14	13.00	244	1136181	65.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1299	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	68133	15.582 ng	#	77
25) Isophorone	7.42	82	493207	39.981 ng	#	62
50) Dimethylphthalate	9.62	163	114871	7.173 ng		100
57) 2,4-Dinitrotoluene	9.91	165	27881	5.999 ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	17181	3.586 ng	#	1

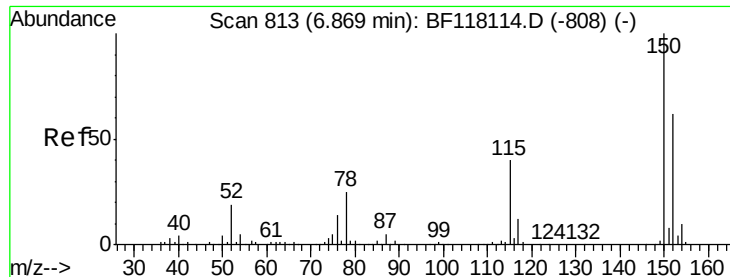
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



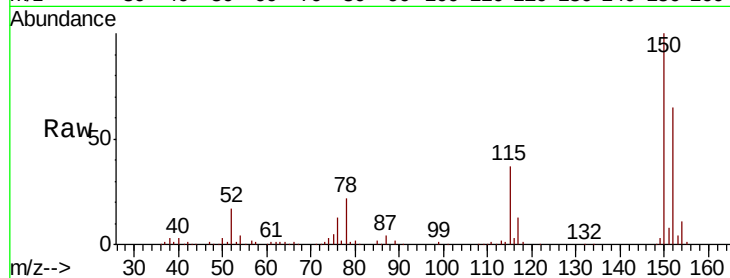


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118255.D
Acq: 18 Dec 2019 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	128.3	192.5
115	57.3	51.1	76.7

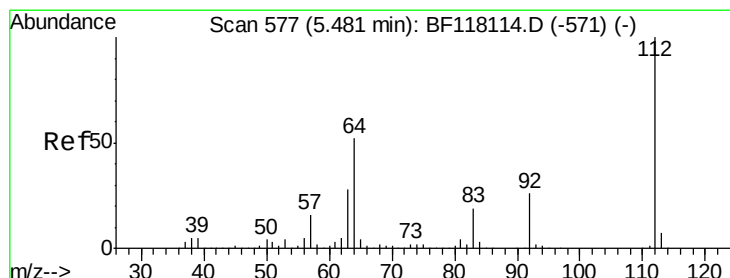
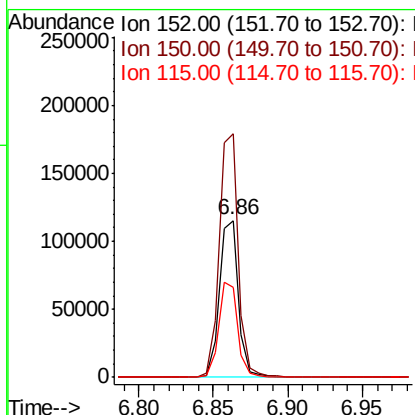
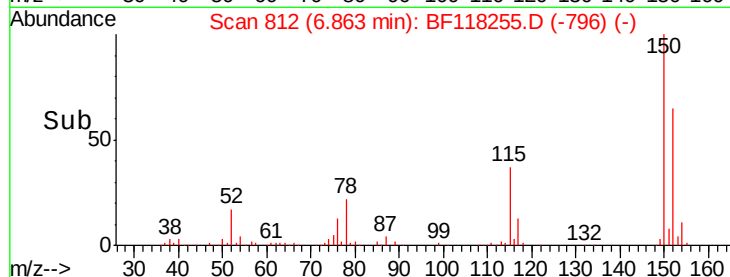


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

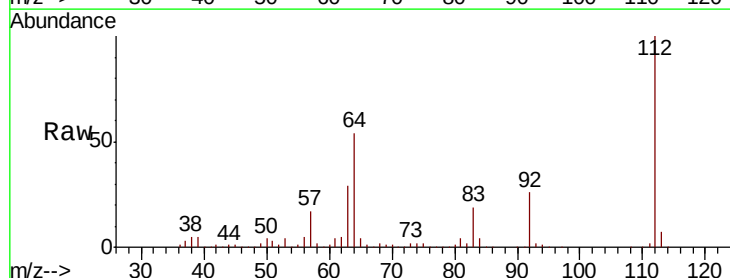
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.086 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118255.D
Acq: 18 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	41.3	61.9
63	28.8	22.4	33.6

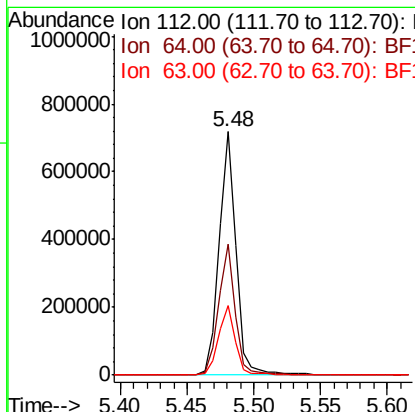
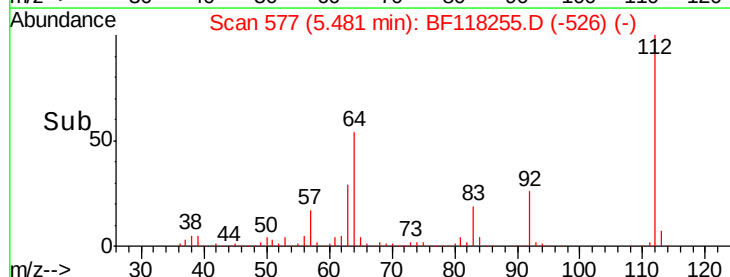


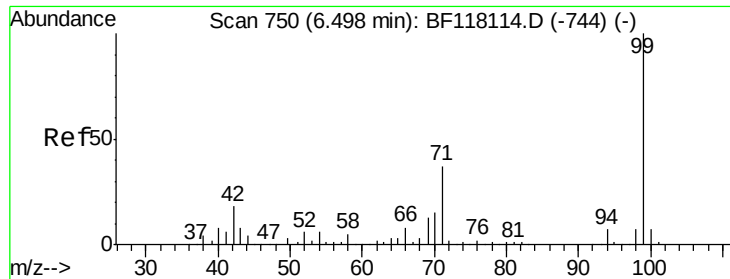
Abundance

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: 115.226 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Instrument :

BNA_F

ClientSampled :

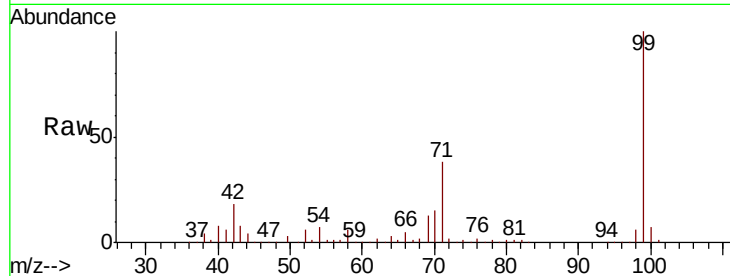
Tot Ion: 99 Resp: 829118

Ion Ratio Lower Upper

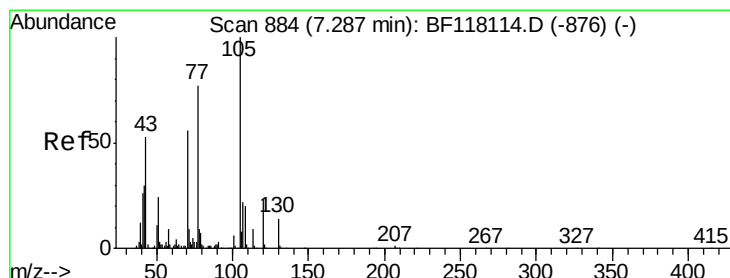
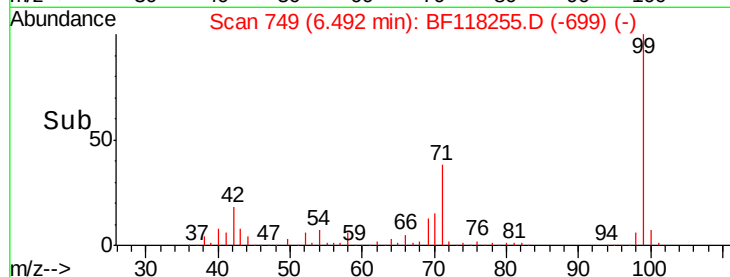
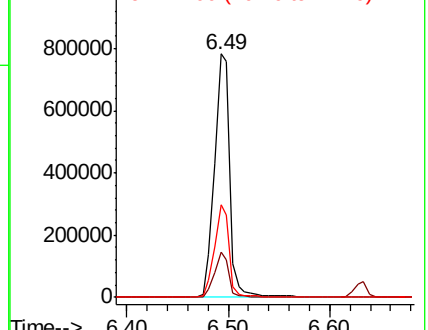
99 100

42 18.4 14.1 21.1

71 37.9 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: 15.582 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Tgt Ion: 70 Resp: 68133

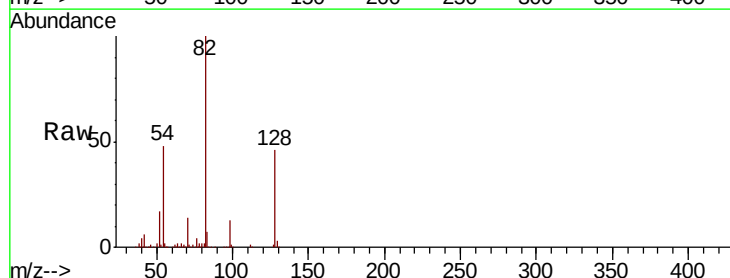
Ion Ratio Lower Upper

70 100

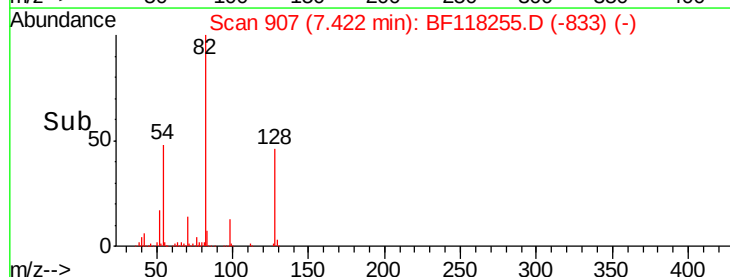
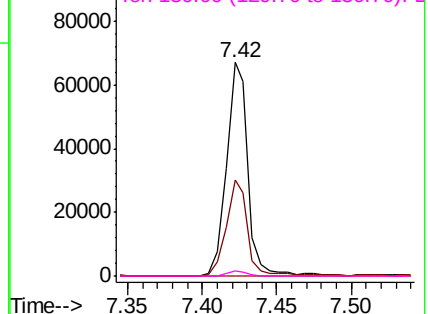
42 45.2 43.2 64.8

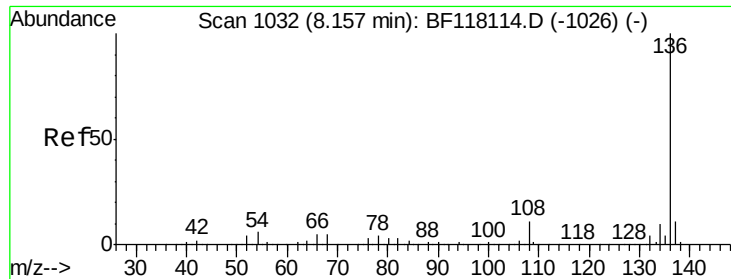
101 0.0 8.1 12.1#

130 2.2 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): E
Ion 130.00 (129.70 to 130.70): E

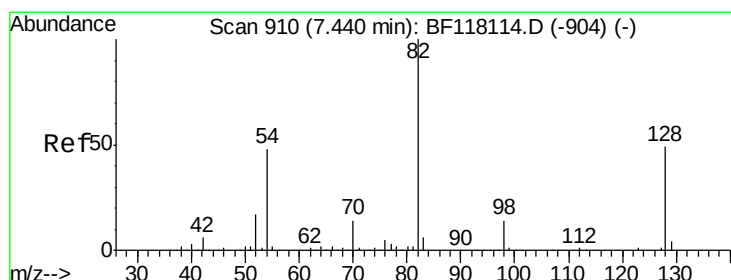
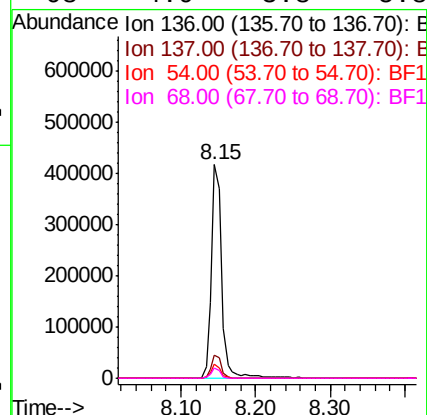
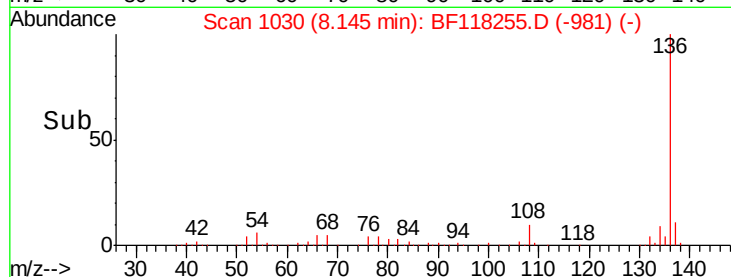
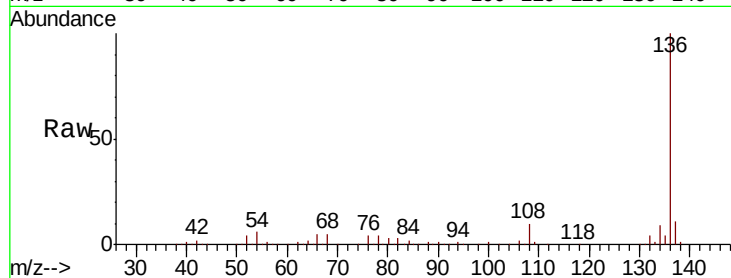




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118255.D
Acq: 18 Dec 2019 13:28

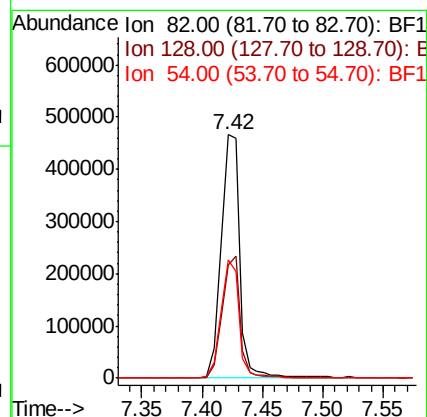
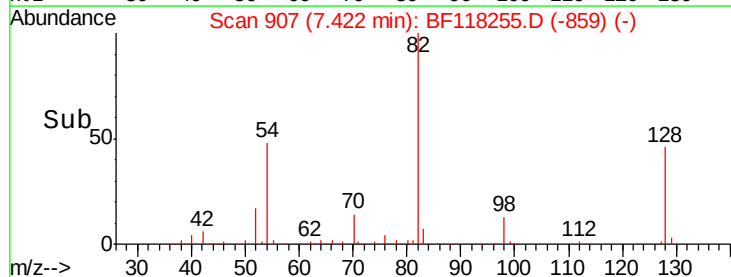
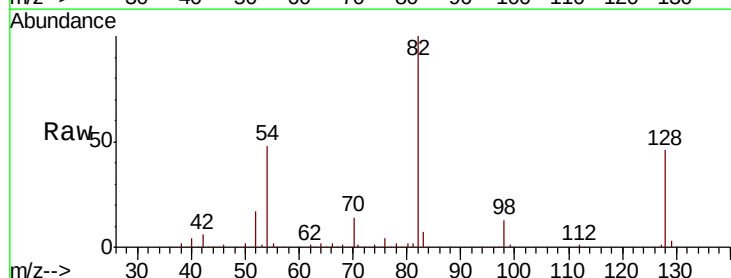
Instrument :
BNA_F
ClientSampleId :

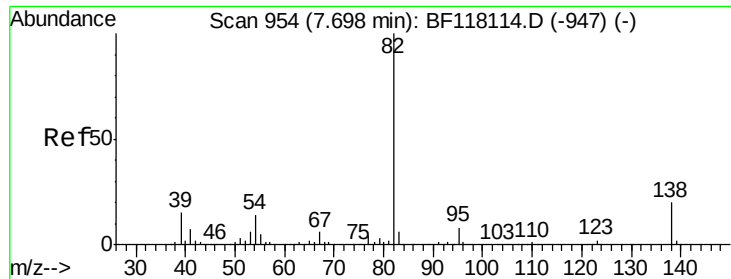
Tot Ion:136	Resp:	409392
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.6
54	6.3	5.0 7.6
68	4.9	3.8 5.8



#23
Nitrobenzene-d5
Concen: 67.776 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118255.D
Acq: 18 Dec 2019 13:28

Tgt Ion: 82	Resp:	493214
Ion	Ratio	Lower Upper
82	100	
128	46.2	39.1 58.7
54	48.5	38.2 57.2





#25

Isophorone

Concen: 39.981 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Instrument :

BNA_F

ClientSampleId :

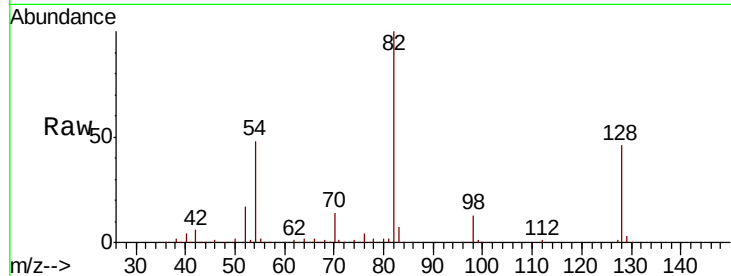
Tot Ion: 82 Resp: 493207

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#

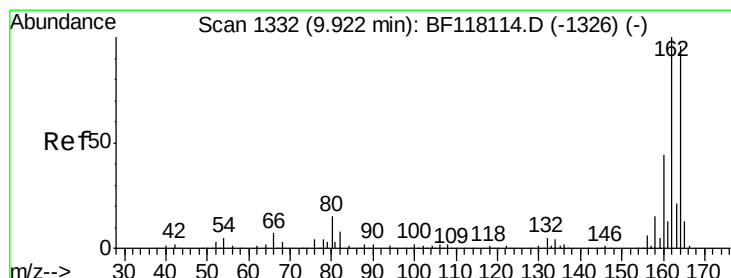
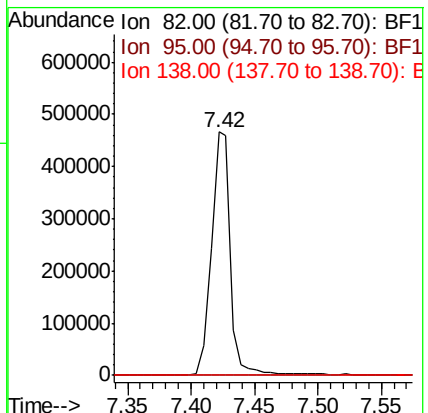
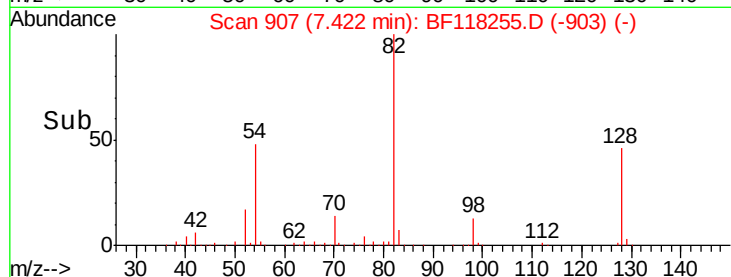


Abundance Ion 82.00 (81.70 to 82.70): BF118114.D (-947) (-)

Ion 95.00 (94.70 to 95.70): BF118114.D (-947) (-)

Ion 138.00 (137.70 to 138.70): BF118114.D (-947) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

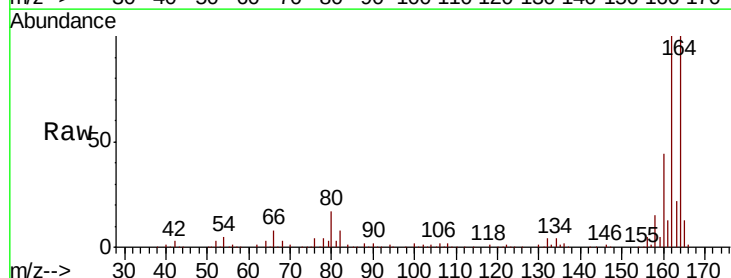
Tgt Ion: 164 Resp: 216813

Ion Ratio Lower Upper

164 100

162 100.5 83.4 125.0

160 44.2 36.6 54.8

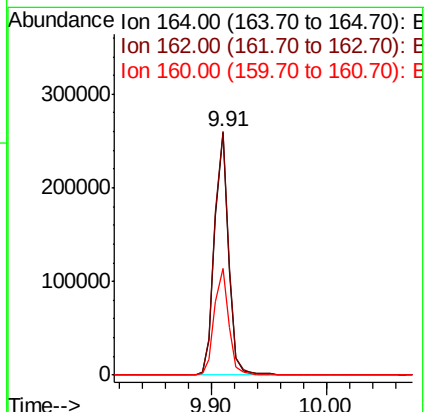
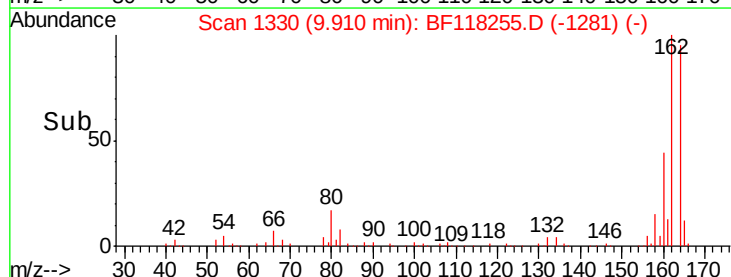


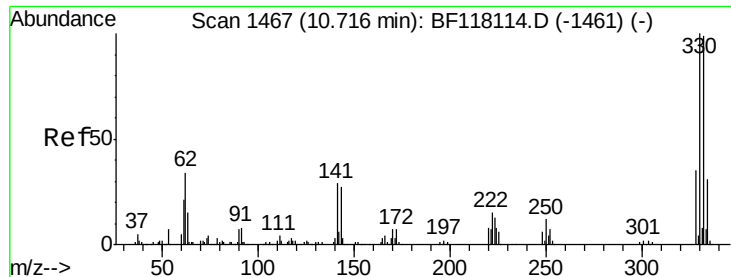
Abundance Ion 164.00 (163.70 to 164.70): BF118114.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF118114.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF118114.D (-1326) (-)

Time-->





#42

2,4,6-Tribromophenol

Concen: 108.644 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118255.D

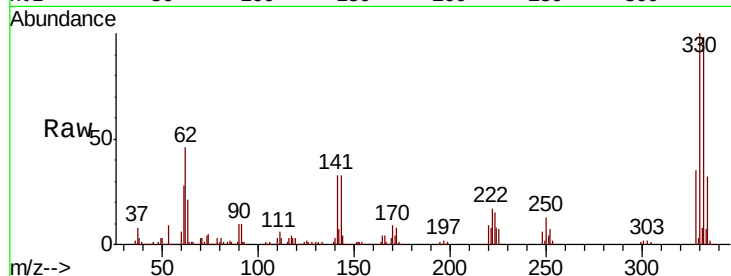
Acq: 18 Dec 2019 13:28

Instrument :

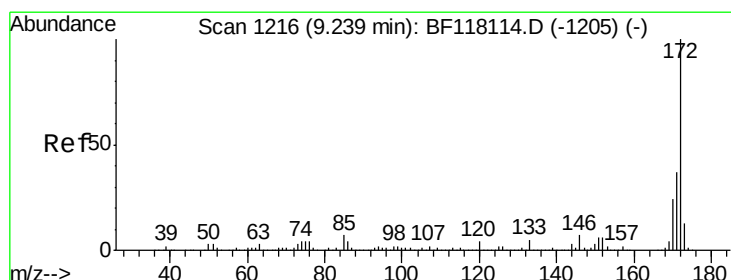
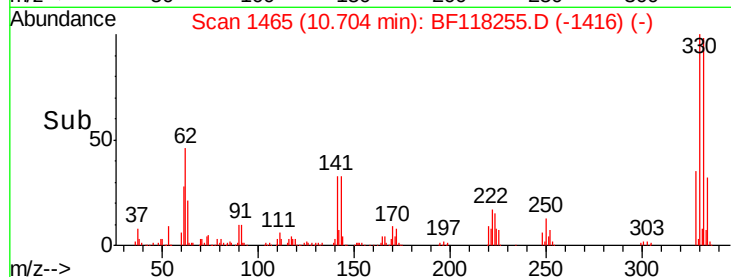
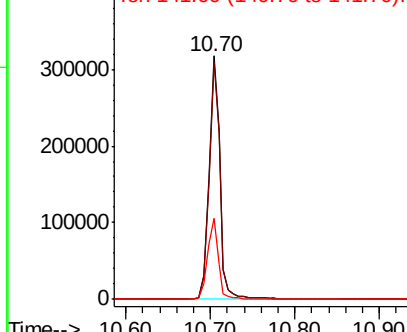
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	286156
Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	32.8	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: 64.698 ng

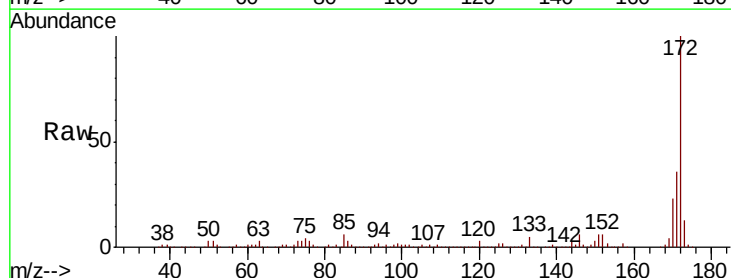
RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

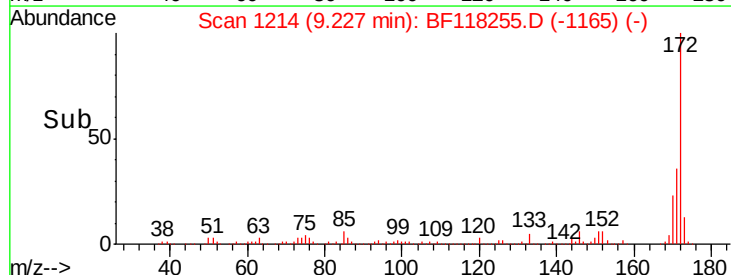
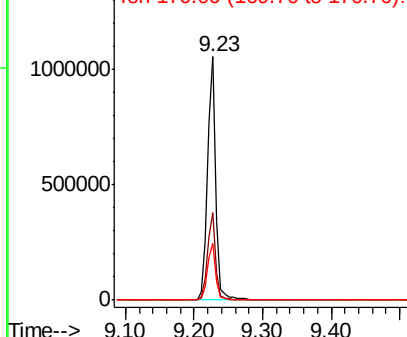
Lab File: BF118255.D

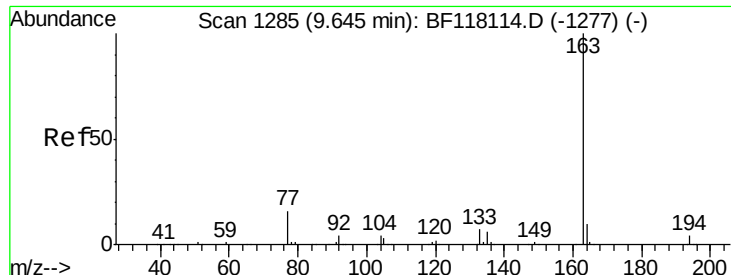
Acq: 18 Dec 2019 13:28

Tgt Ion:	172	Resp:	921862
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.2	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

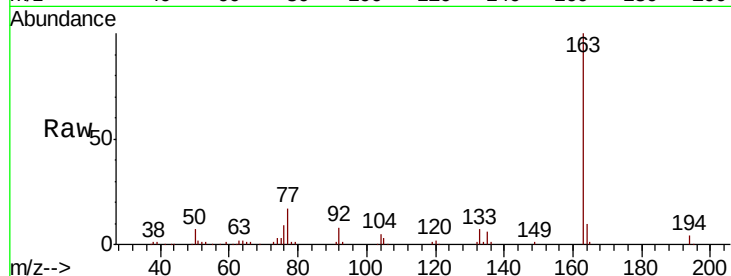




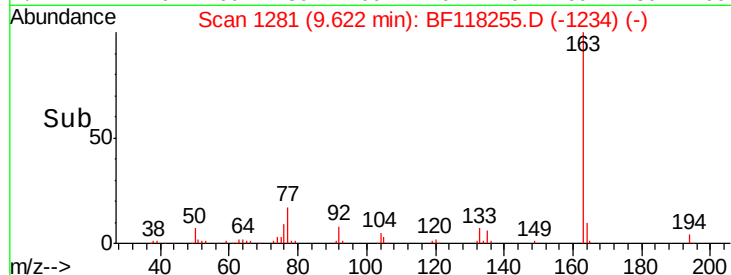
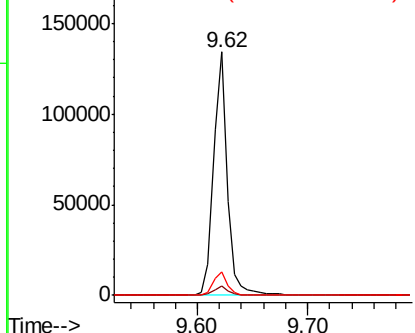
#50
Dimethylphthalate
Concen: 7.173 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118255.D
Acq: 18 Dec 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 114871
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 7.7 11.5

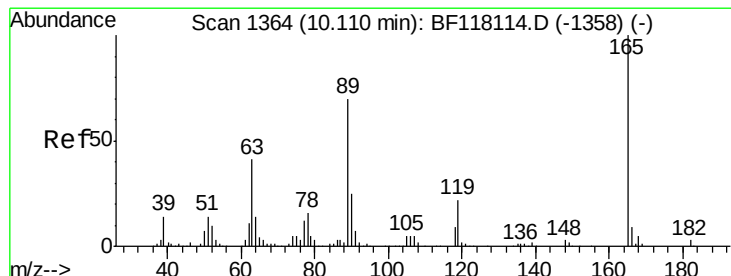


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

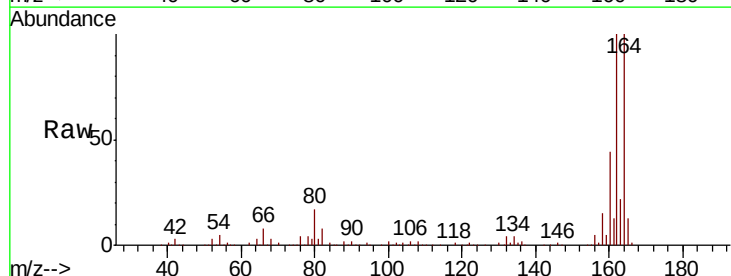
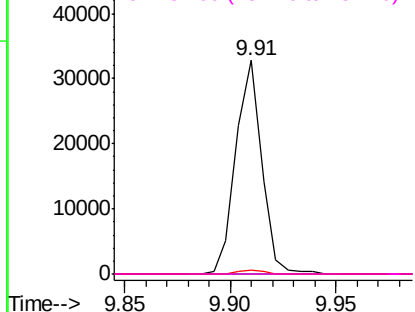


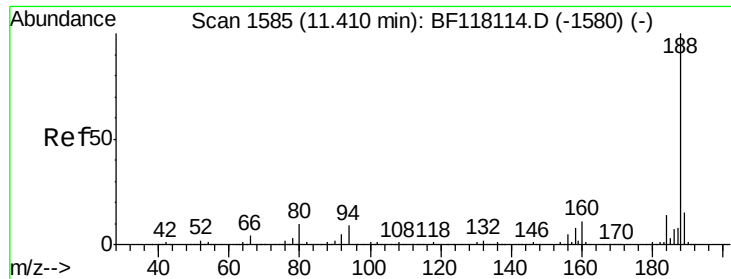
#57
2,4-Dinitrotoluene
Concen: 5.999 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118255.D
Acq: 18 Dec 2019 13:28

Tgt Ion:165 Resp: 27881
Ion Ratio Lower Upper
165 100
63 0.0 32.6 49.0#
89 1.8 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

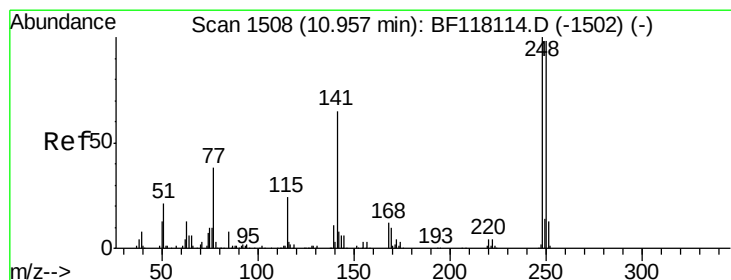
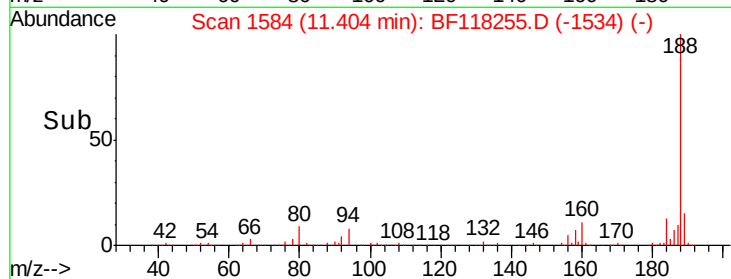
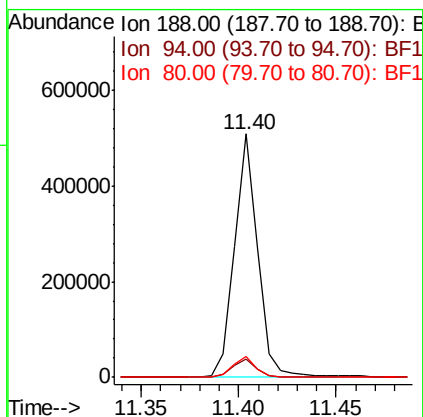
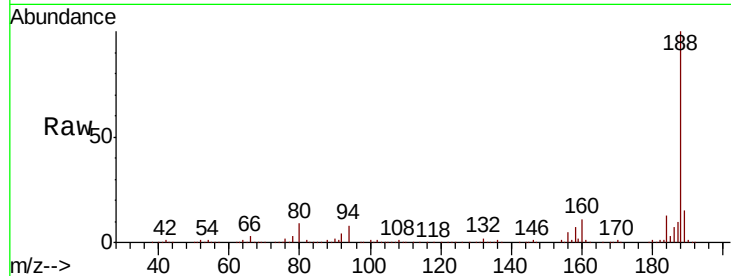




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118255.D
Acq: 18 Dec 2019 13:28

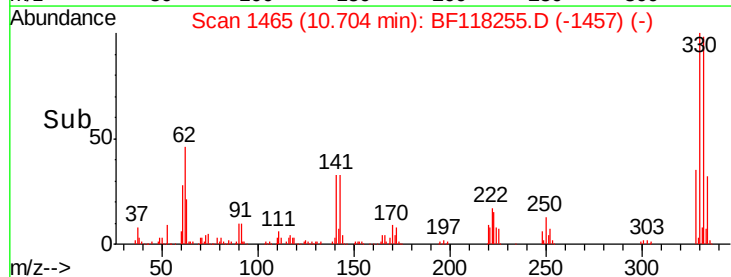
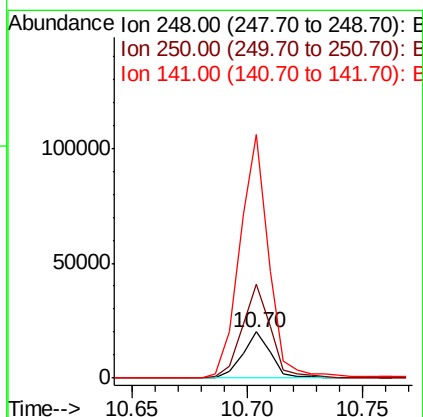
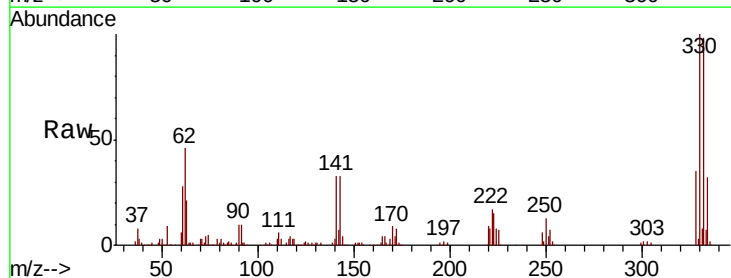
Instrument :
BNA_F
ClientSampleId :

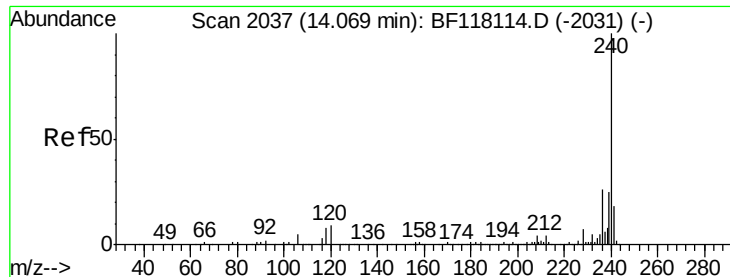
Tot Ion:188 Resp: 419759
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.586 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118255.D
Acq: 18 Dec 2019 13:28

Tgt Ion:248 Resp: 17181
Ion Ratio Lower Upper
248 100
250 205.0 78.3 117.5#
141 529.0 52.2 78.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Instrument :

BNA_F

ClientSampleId :

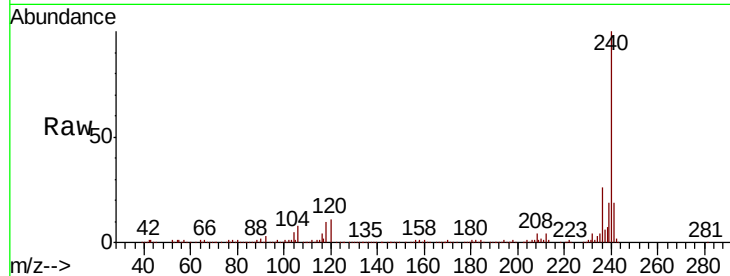
Tot Ion:240 Resp: 297714

Ion Ratio Lower Upper

240 100

120 11.1 7.1 10.7#

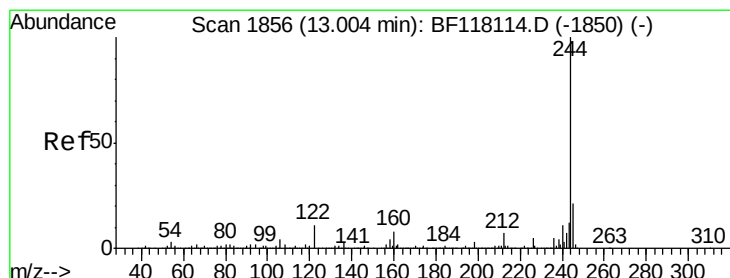
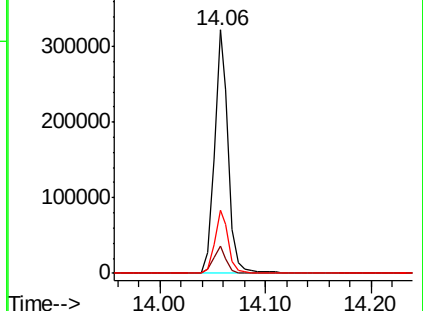
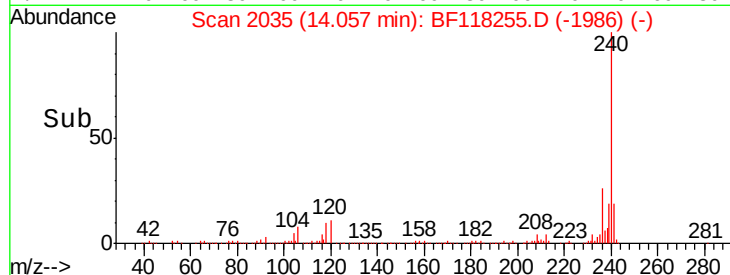
236 25.9 21.0 31.6



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: 65.627 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

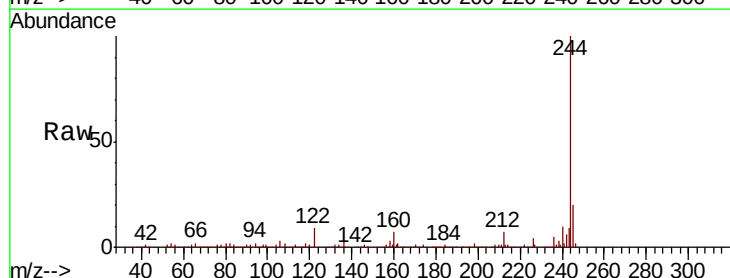
Tgt Ion:244 Resp: 1136181

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

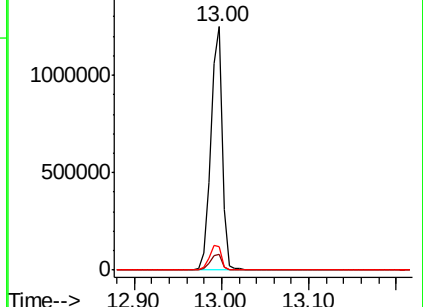
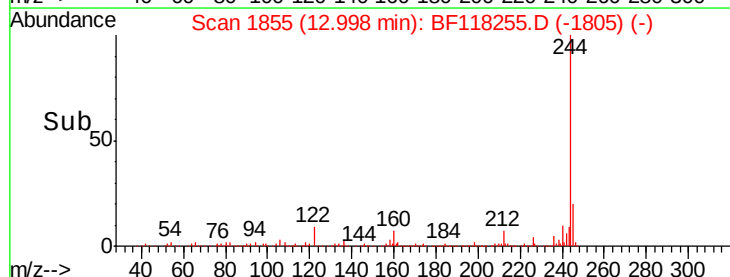
122 9.5 9.0 13.6

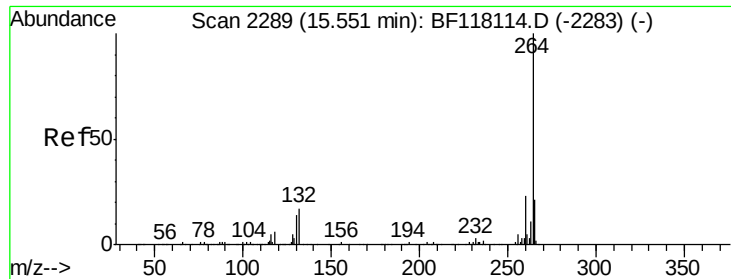


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BF118255.D
 Acq: 18 Dec 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	18.6	28.0	
265	21.4	16.8	25.2	

