

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119255.D
 Acq On : 6 Mar 2020 17:44
 Operator : CG/JU
 Sample : L1783-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:48:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

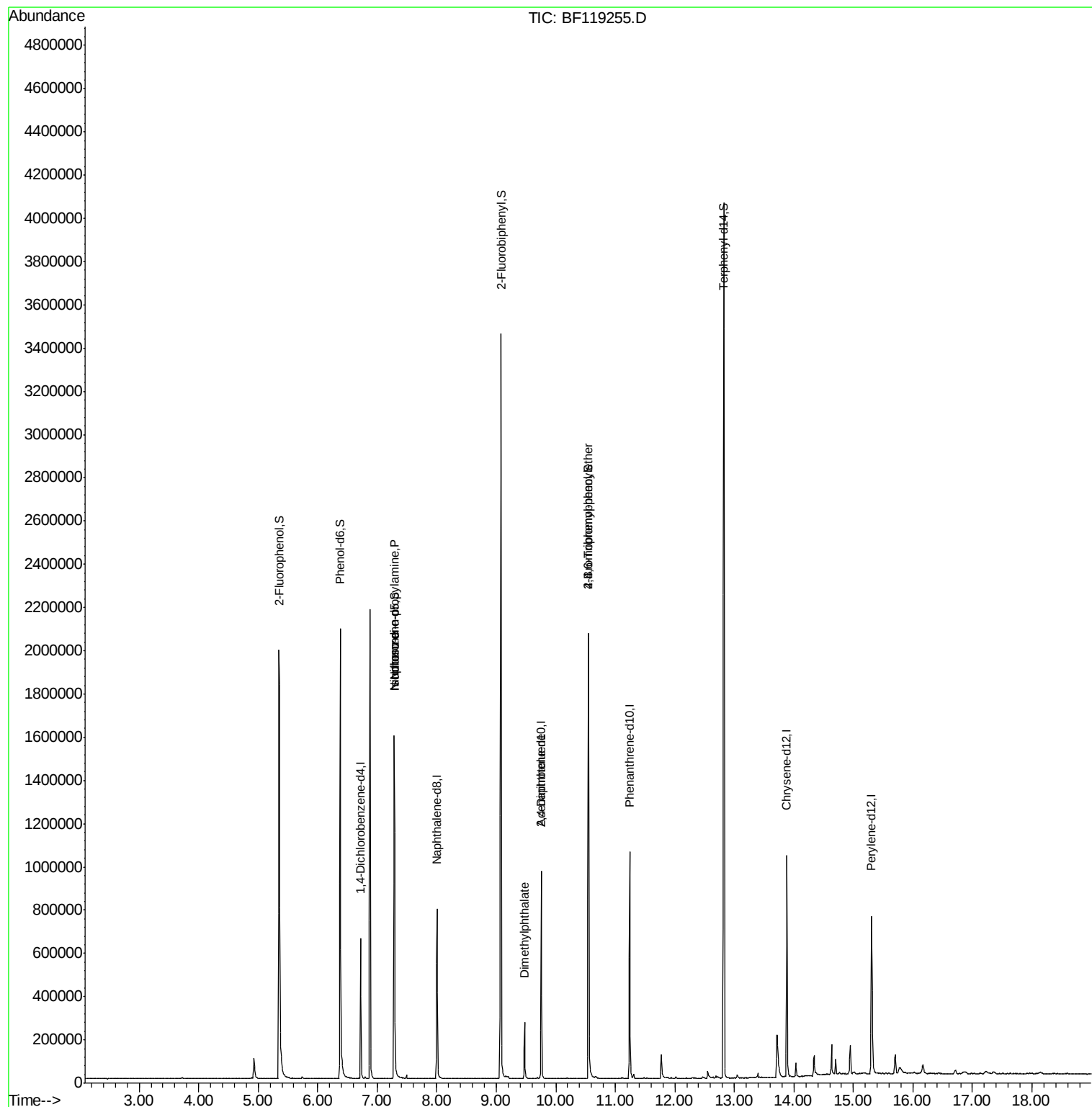
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	96711	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	378296	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	207789	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	403567	20.00	ng	0.00
76) Chrysene-d12	13.88	240	337464	20.00	ng	0.00
87) Perylene-d12	15.30	264	340647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	712568	123.13	ng	0.00
7) Phenol-d6	6.38	99	871262	123.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	570128	79.57	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	312135	114.83	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1139246	80.77	ng	0.00
79) Terphenyl-d14	12.82	244	1513603	77.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	79154	19.301	ng	# 77
25) Isophorone	7.29	82	570122	45.819	ng	# 63
50) Dimethylphthalate	9.47	163	111152	6.995	ng	99
57) 2,4-Dinitrotoluene	9.76	165	26391	5.768	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	20330	3.854	ng	# 1

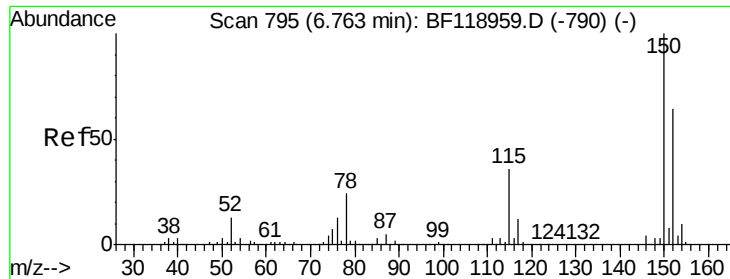
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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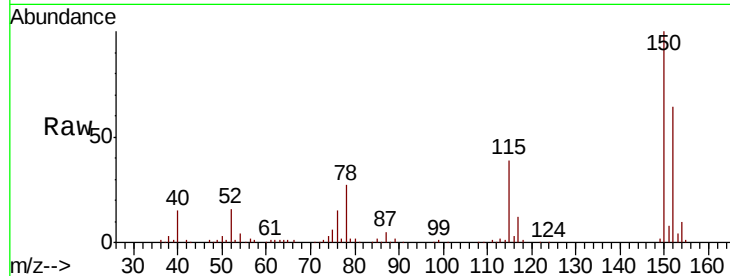


#1

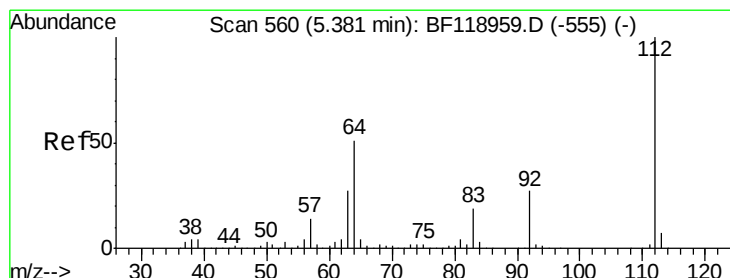
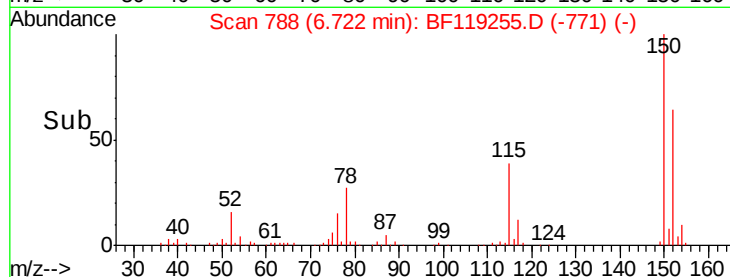
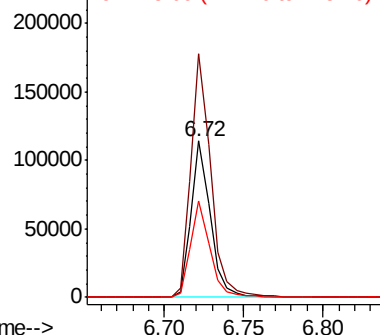
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119255.D
Acq: 6 Mar 2020 17:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96711
Ion Ratio Lower Upper
152 100
150 156.1 123.0 184.6
115 61.5 49.5 74.3



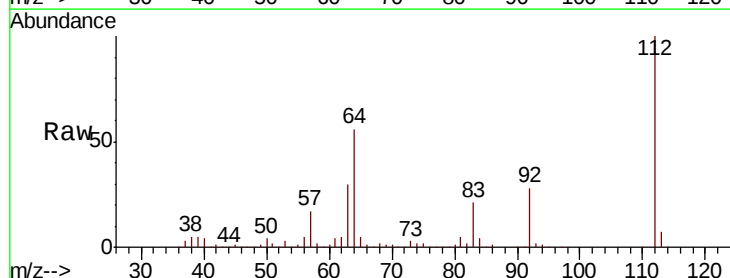
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



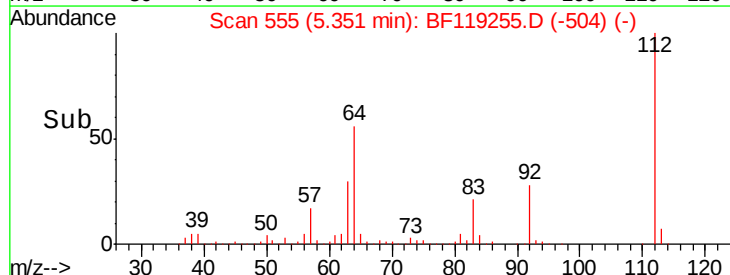
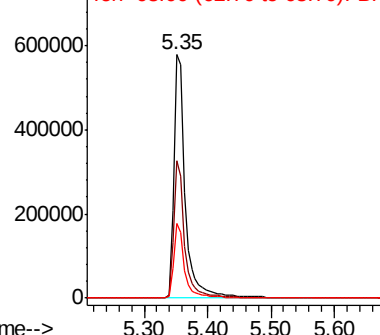
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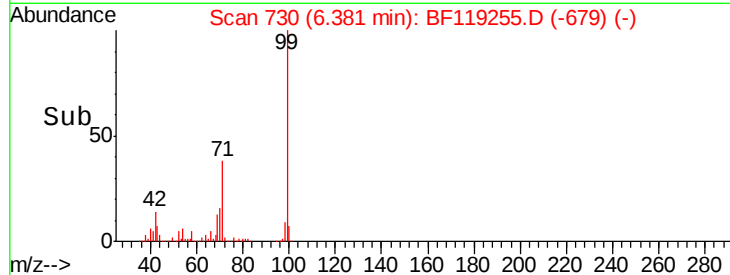
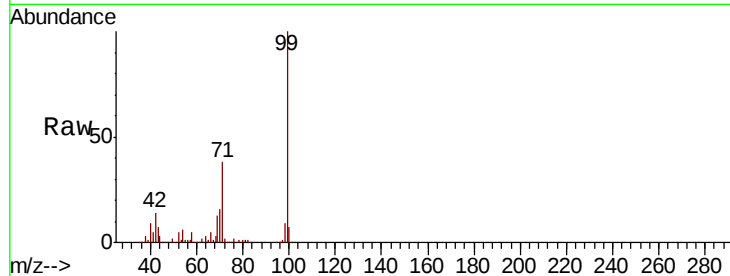
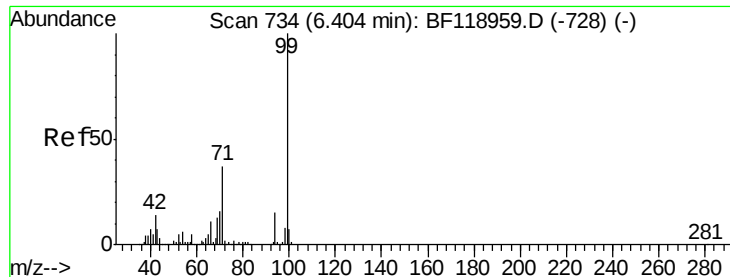
2-Fluorophenol
Concen: 123.133 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119255.D
Acq: 6 Mar 2020 17:44

Tgt Ion:112 Resp: 712568
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 30.5 24.2 36.4



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

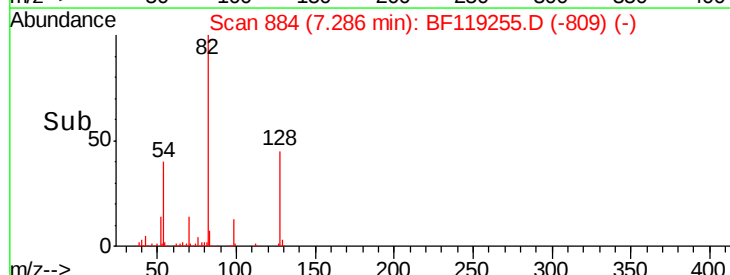
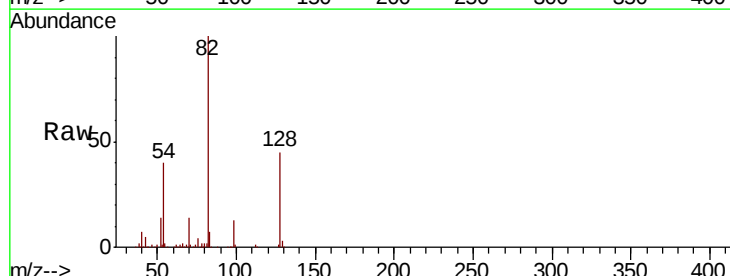
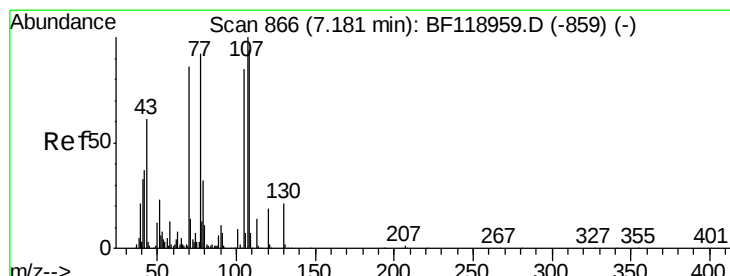
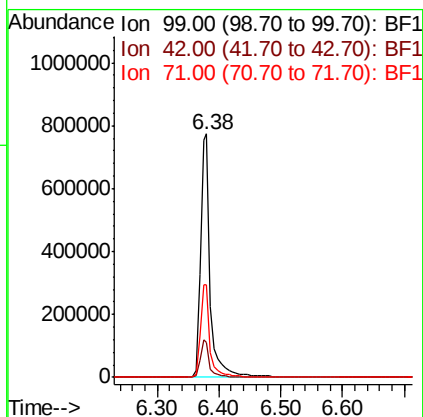




#7
 Phenol-d6
 Concen: 123.793 ng
 RT: 6.38 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF119255.D
 Acq: 6 Mar 2020 17:44

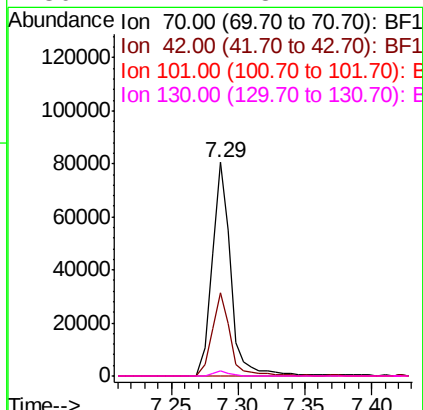
Tot Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.6	18.8
71	38.0	31.0	46.4

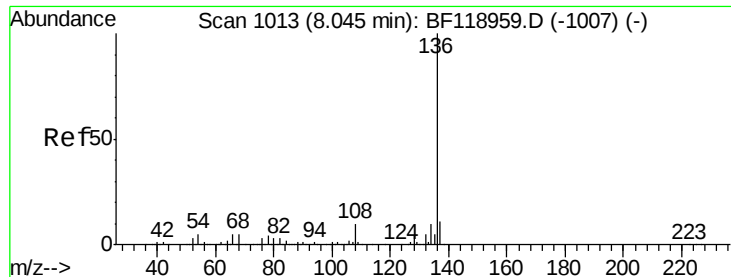
Instrument :
 BNA_F
 ClientSampled :



#19
 n-Nitroso-di-n-propylamine
 Concen: 19.301 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.14 min
 Lab File: BF119255.D
 Acq: 6 Mar 2020 17:44

Tgt Ion	Ratio	Lower	Upper
70	100		
42	38.9	38.0	57.0
101	0.0	8.2	12.4#
130	2.2	18.2	27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119255.D

Acq: 6 Mar 2020 17:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 378296

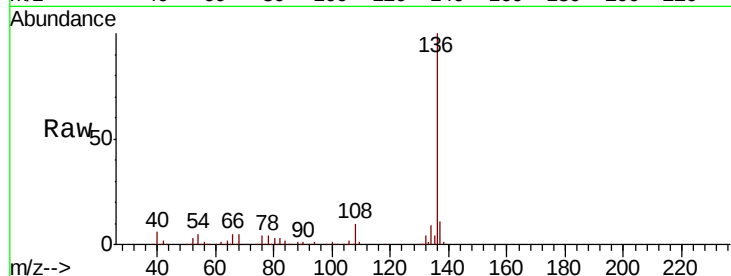
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 4.8 3.8 5.6

68 5.4 3.9 5.9

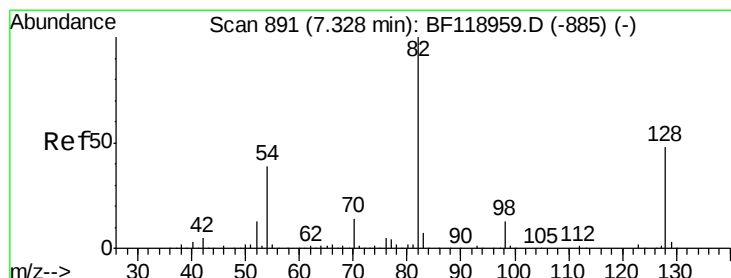
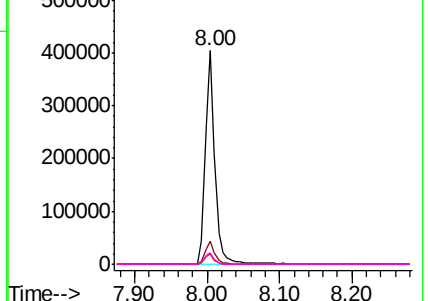
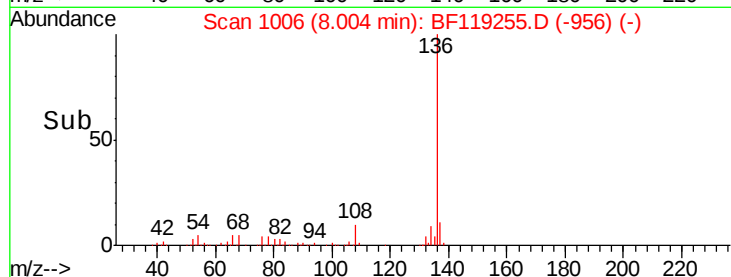


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.575 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119255.D

Acq: 6 Mar 2020 17:44

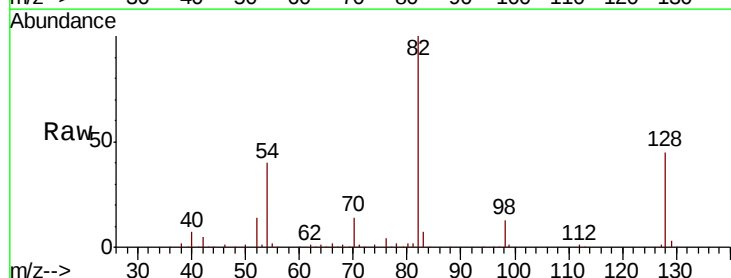
Tgt Ion: 82 Resp: 570128

Ion Ratio Lower Upper

82 100

128 45.2 37.9 56.9

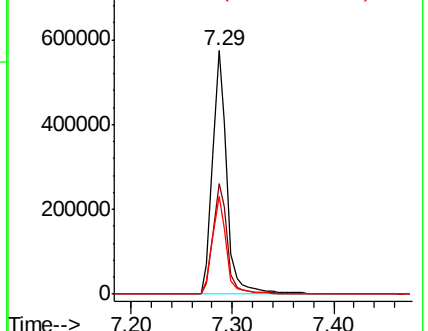
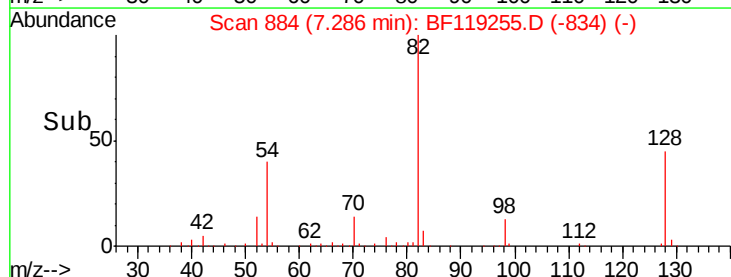
54 40.2 33.4 50.2

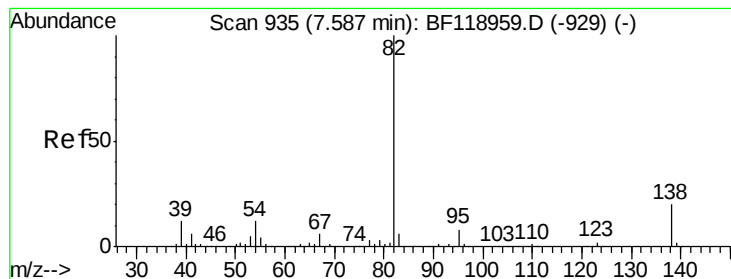


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.819 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119255.D

Acq: 6 Mar 2020 17:44

Instrument :

BNA_F

ClientSampleId :

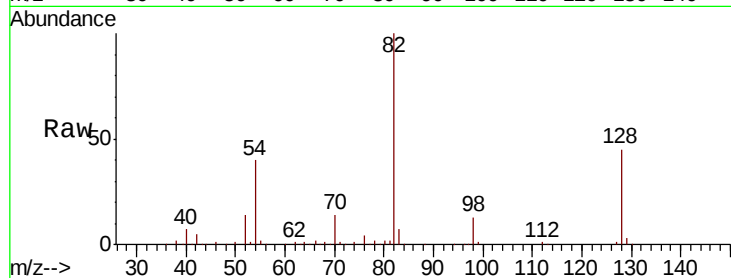
Tot Ion: 82 Resp: 570122

Ion Ratio Lower Upper

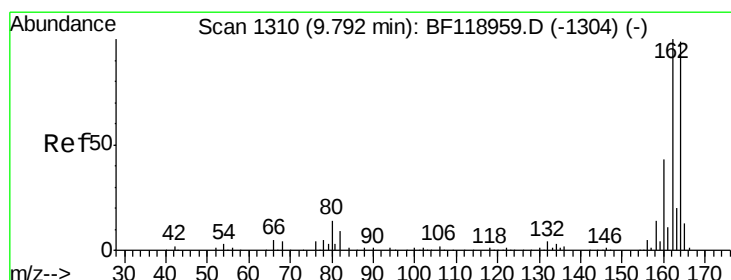
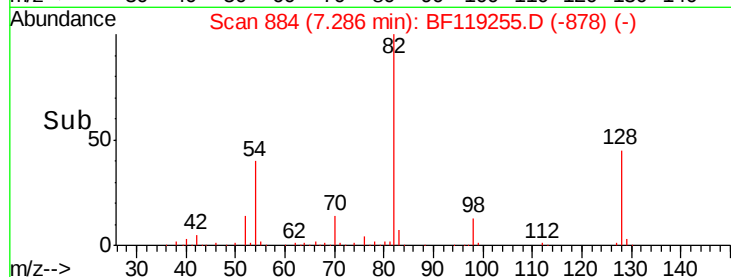
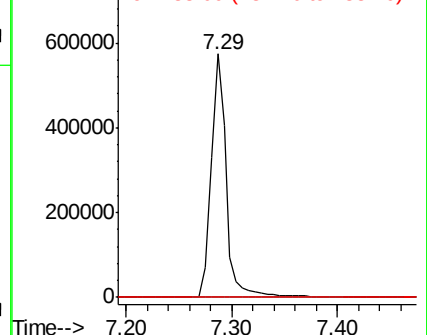
82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119255.D

Acq: 6 Mar 2020 17:44

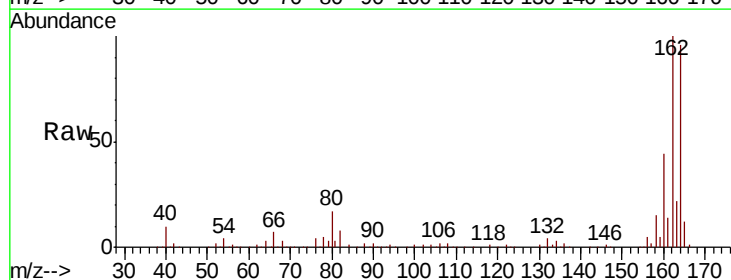
Tgt Ion: 164 Resp: 207789

Ion Ratio Lower Upper

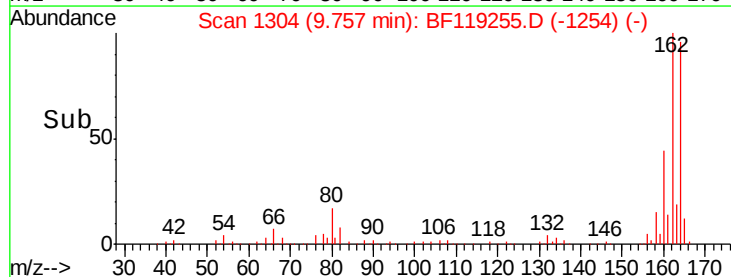
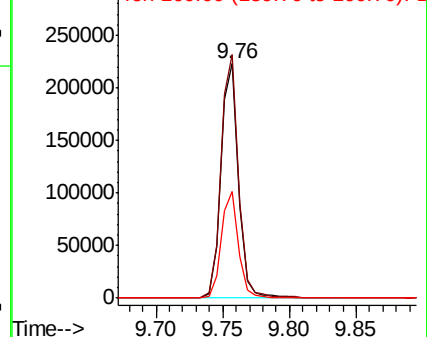
164 100

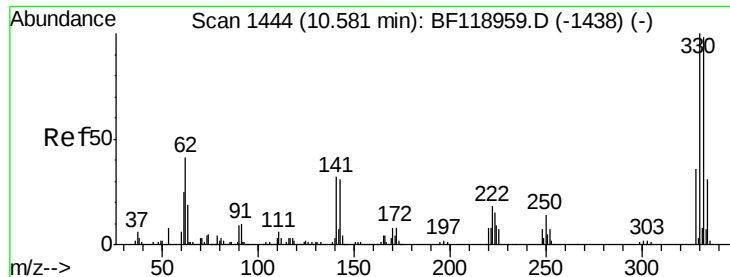
162 104.0 81.8 122.8

160 45.8 36.0 54.0



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

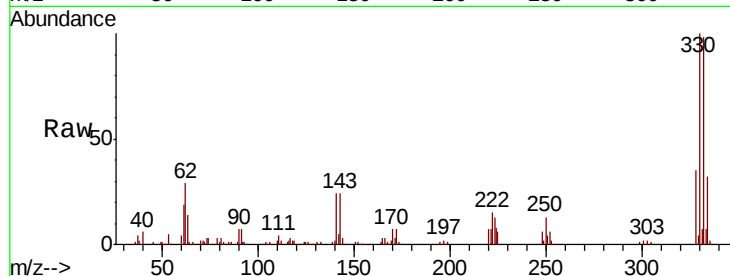




#42
 2,4,6-Tribromophenol
 Concen: 114.830 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119255.D
 Acq: 6 Mar 2020 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	30.2	22.9	34.3

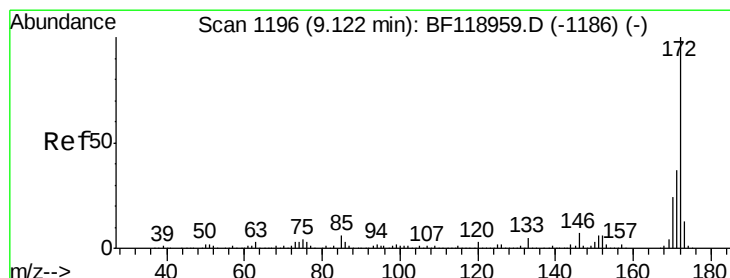
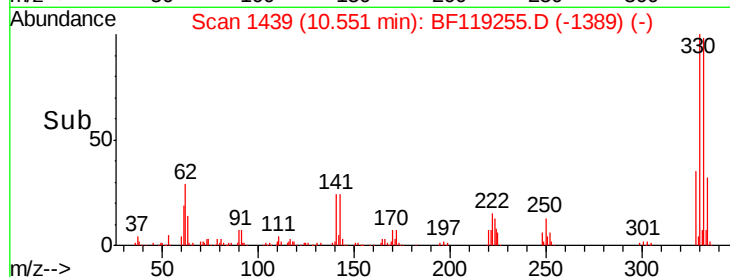
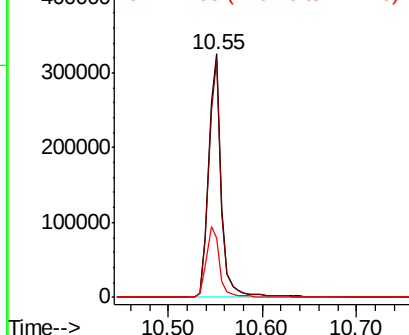


Abundance

Ion 329.80 (329.50 to 330.50): E

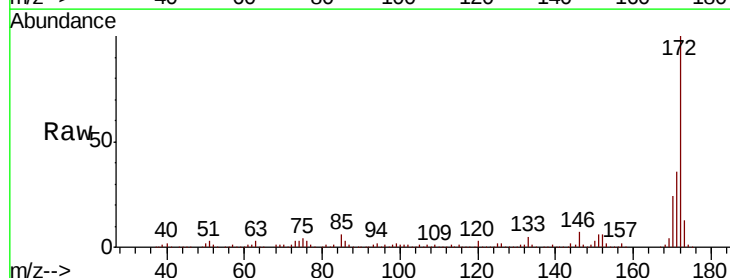
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.770 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119255.D
 Acq: 6 Mar 2020 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	24.1	20.2	30.2

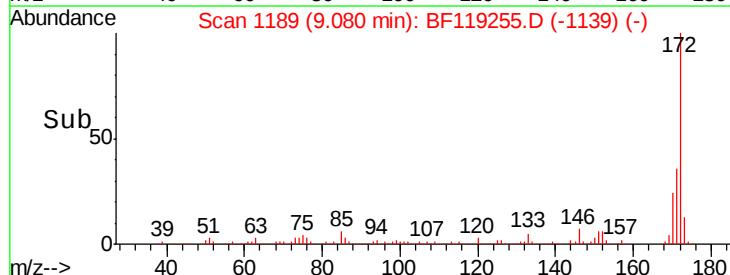
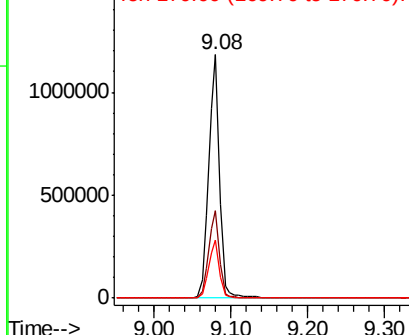


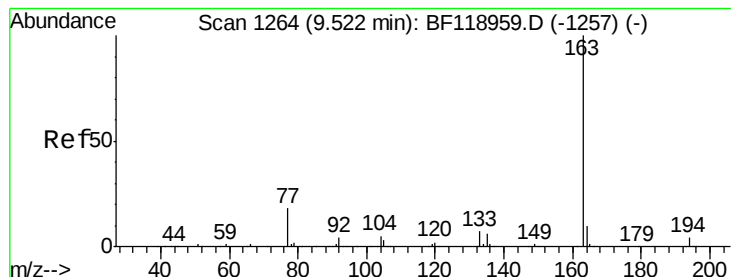
Abundance

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: 6.995 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119255.D

Acq: 6 Mar 2020 17:44

Instrument :

BNA_F

ClientSampleId :

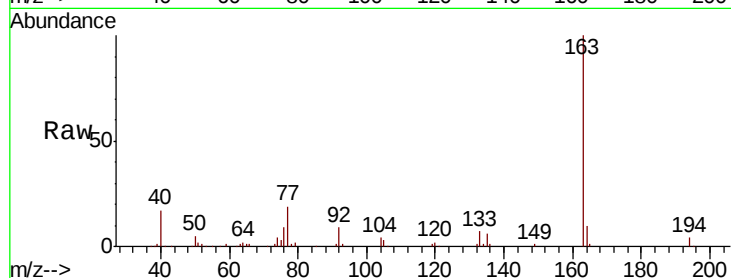
Tot Ion:163 Resp: 111152

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

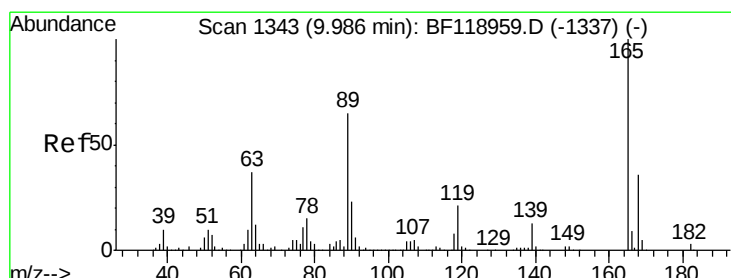
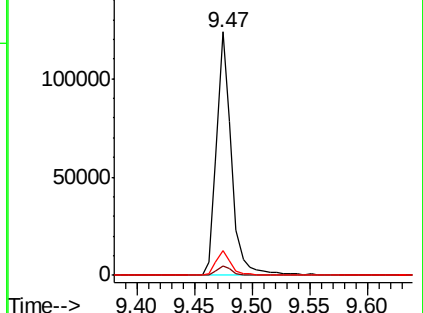
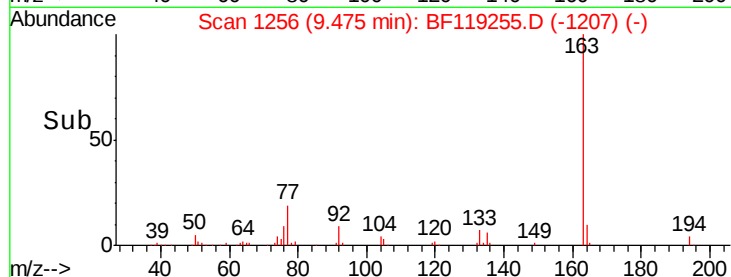
164 10.3 8.4 12.6



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: 5.768 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119255.D

Acq: 6 Mar 2020 17:44

Tgt Ion:165 Resp: 26391

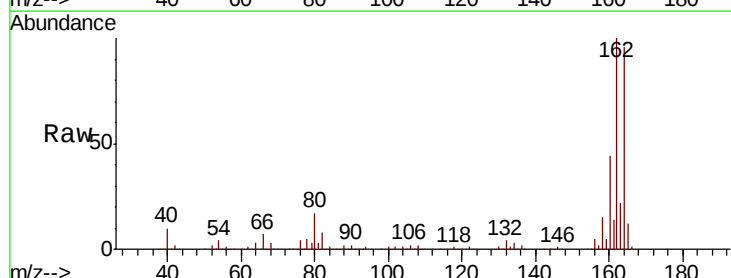
Ion Ratio Lower Upper

165 100

63 1.3 42.3 63.5#

89 1.3 60.2 90.4#

182 0.0 2.3 3.5#

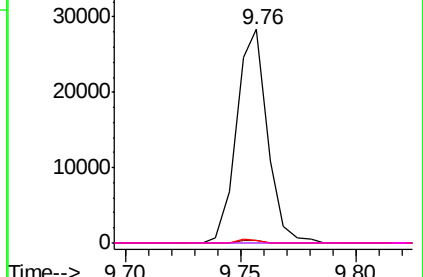
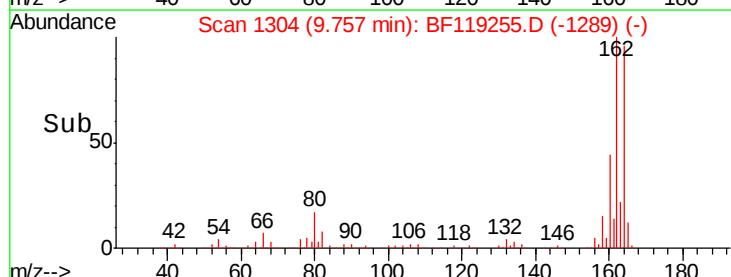


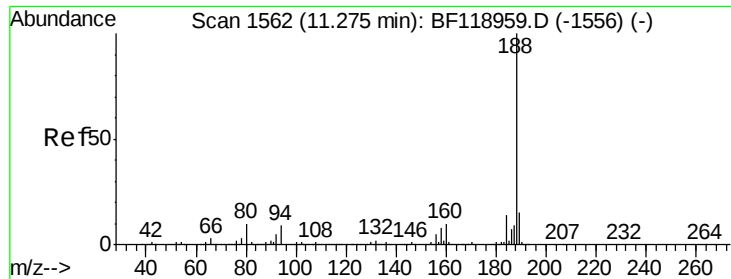
Abundance Ion 165.00 (164.70 to 165.70): E

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

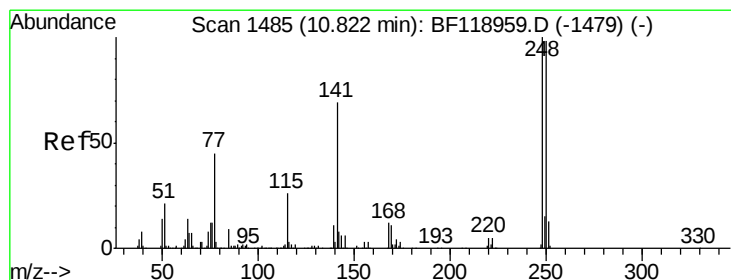
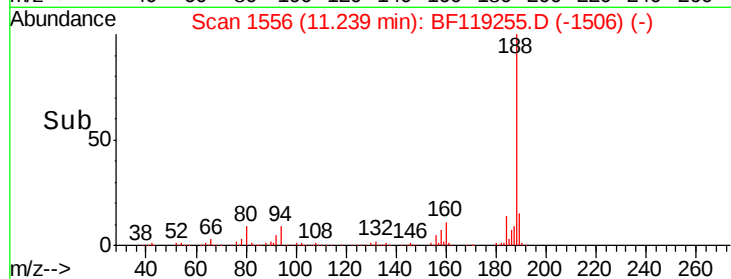
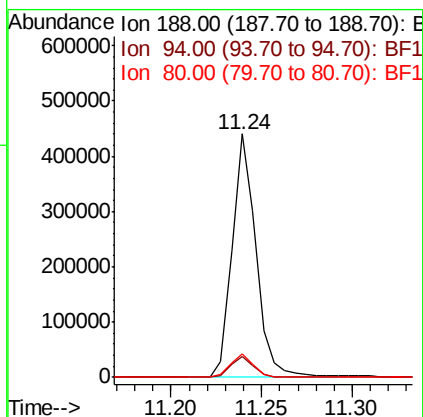
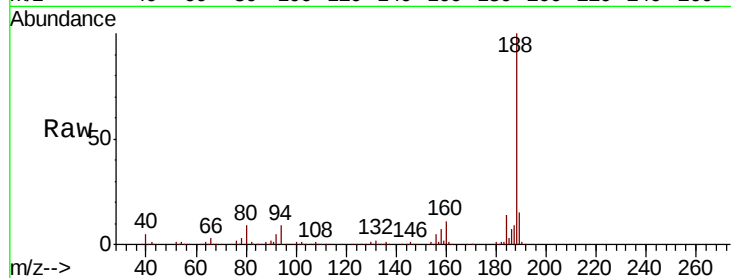




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119255.D
Acq: 6 Mar 2020 17:44

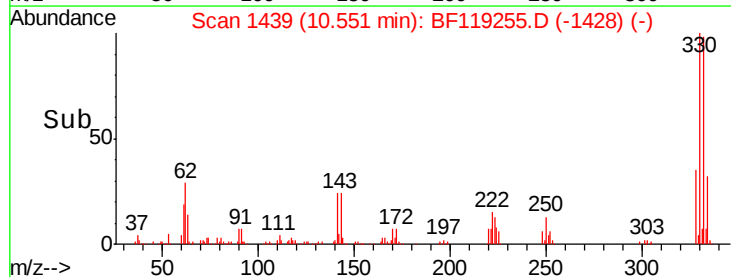
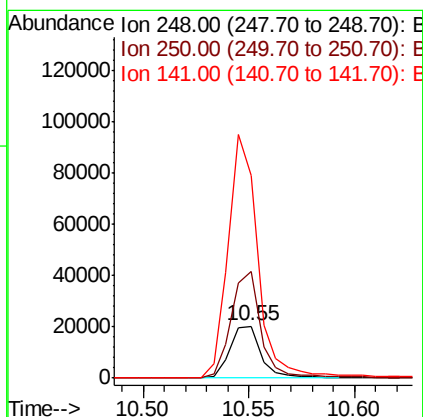
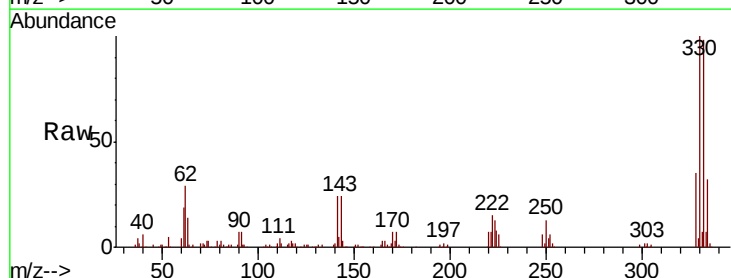
Instrument :
BNA_F
ClientSampled :

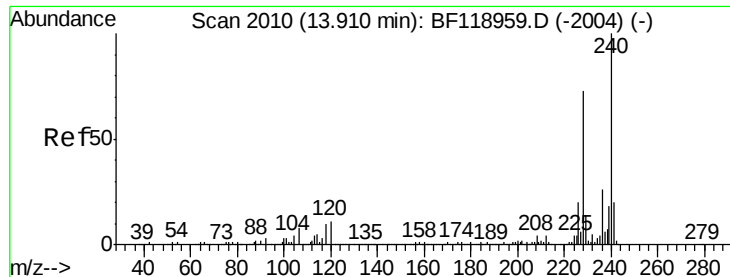
Tot Ion:188 Resp: 403567
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.4 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 3.854 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119255.D
Acq: 6 Mar 2020 17:44

Tgt Ion:248 Resp: 20330
Ion Ratio Lower Upper
248 100
250 206.7 76.7 115.1#
141 391.3 60.7 91.1#

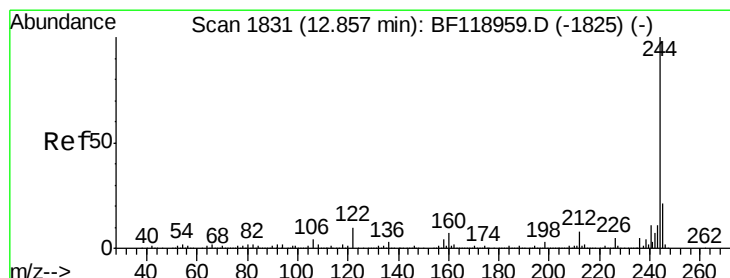
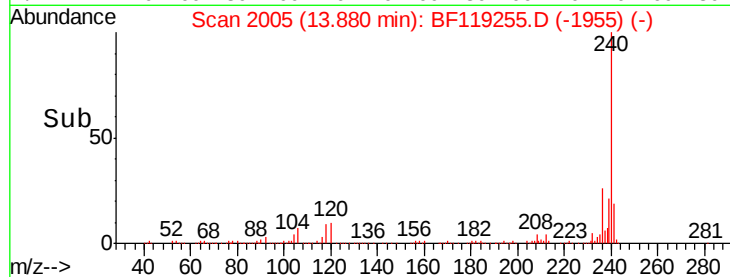
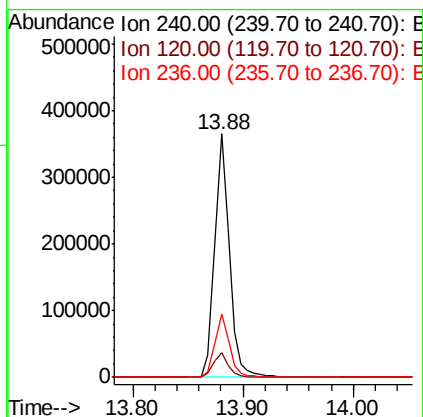
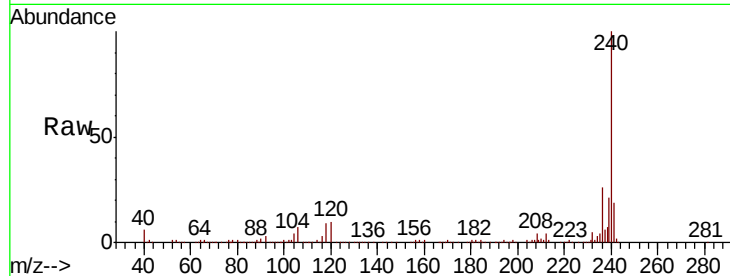




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119255.D
 Acq: 6 Mar 2020 17:44

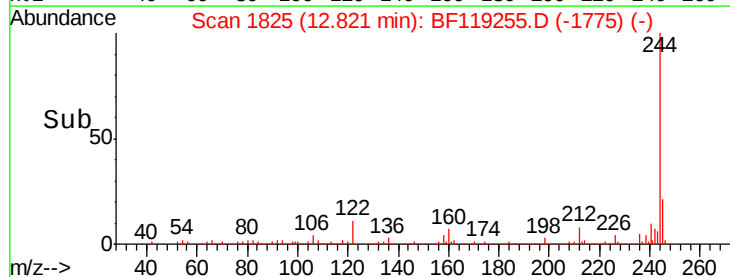
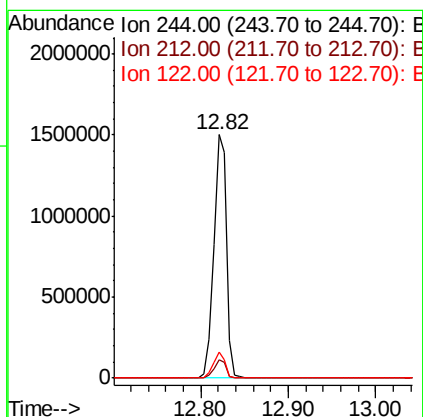
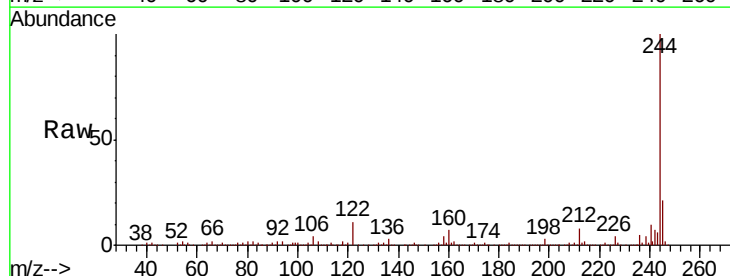
Instrument :
 BNA_F
 ClientSampleId :

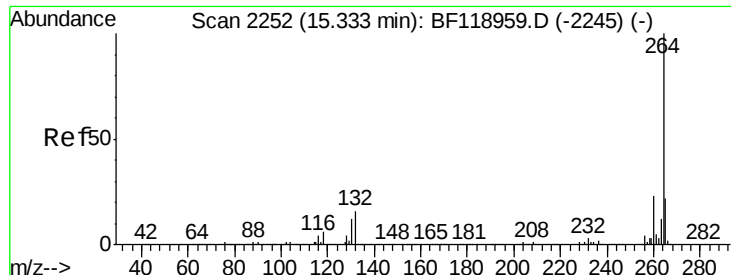
Tot Ion:240 Resp: 337464
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.4 12.6
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 77.221 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119255.D
 Acq: 6 Mar 2020 17:44

Tgt Ion:244 Resp: 1513603
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 10.0
 122 10.6 8.2 12.2

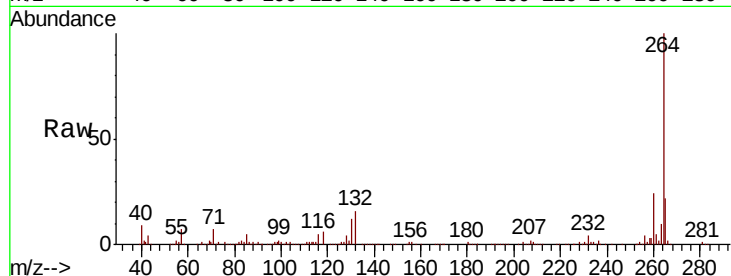




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF119255.D
 Acq: 6 Mar 2020 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	340647
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.9	17.7	26.5



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

