

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
 Data File : BF117730.D
 Acq On : 8 Nov 2019 14:56
 Operator : JU
 Sample : K5742-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-(6-8)

Quant Time: Nov 09 01:21:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

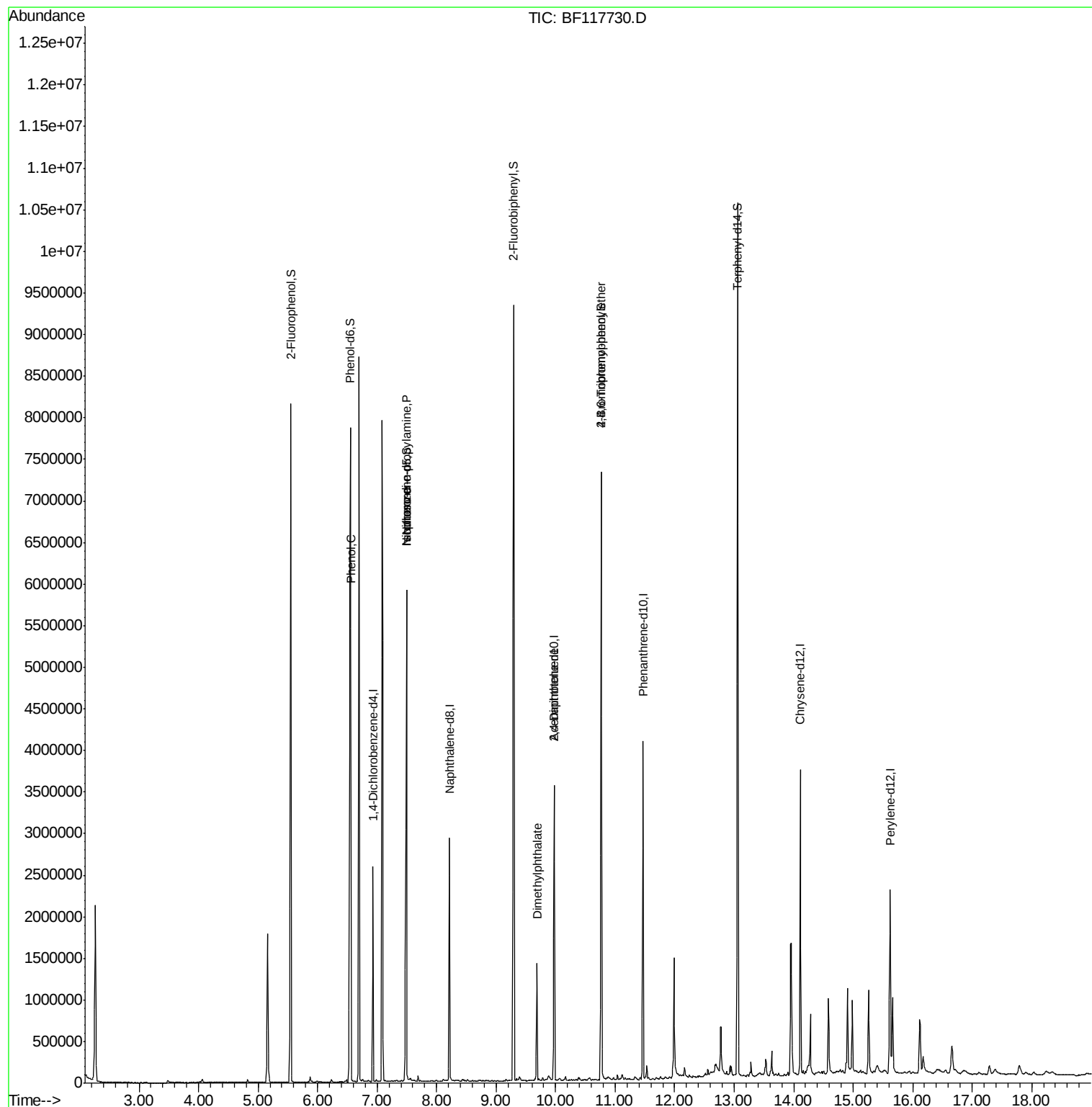
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	342132	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1299276	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	701390	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	1375682	20.00	ng	0.00
76) Chrysene-d12	14.12	240	1114631	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1017128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2540929	134.44	ng	0.00
7) Phenol-d6	6.55	99	3220589	138.19	ng	0.00
23) Nitrobenzene-d5	7.49	82	1981618	90.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	989578	144.23	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3218711	90.54	ng	0.00
79) Terphenyl-d14	13.06	244	4024691	74.33	ng	0.00
Target Compounds						
10) Phenol	6.56	94	157303	6.264	ng	97
19) n-Nitroso-di-n-propylamine	7.49	70	278081	18.147	ng	# 76
25) Isophorone	7.49	82	1975162	46.926	ng	# 62
50) Dimethylphthalate	9.69	163	524608	11.064	ng	97
57) 2,4-Dinitrotoluene	9.97	165	92519	6.793	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	63281	4.212	ng	# 1

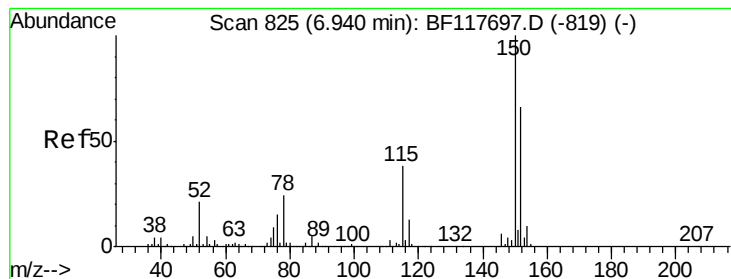
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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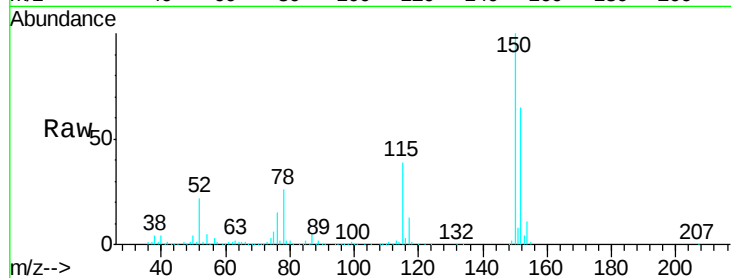


#1

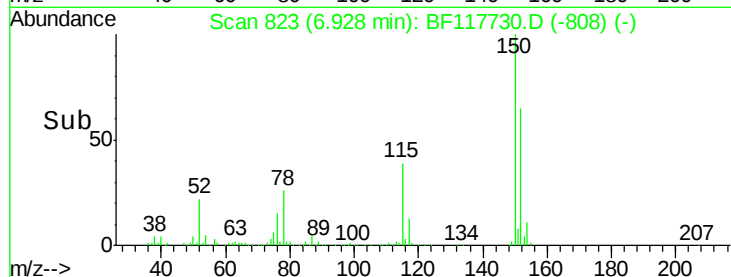
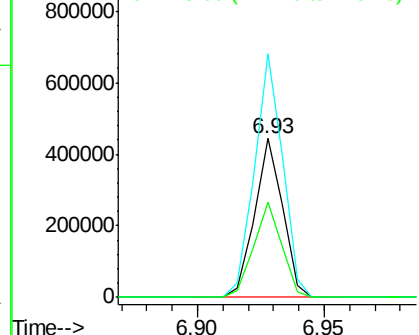
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117730.D
Acq: 8 Nov 2019 14:56

Instrument :
BNA_F
ClientSampleId :
SB-26-(6-8)

Tgt Ion:152 Resp: 342132
Ion Ratio Lower Upper
152 100
150 153.3 121.4 182.2
115 59.7 46.7 70.1



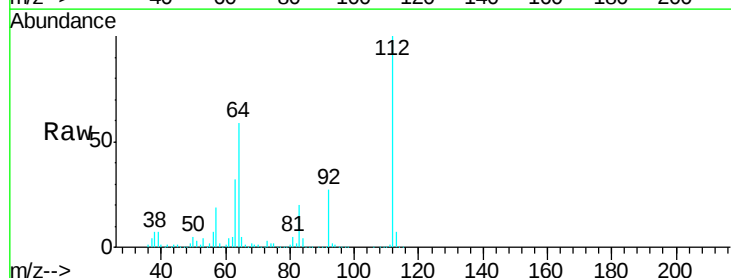
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



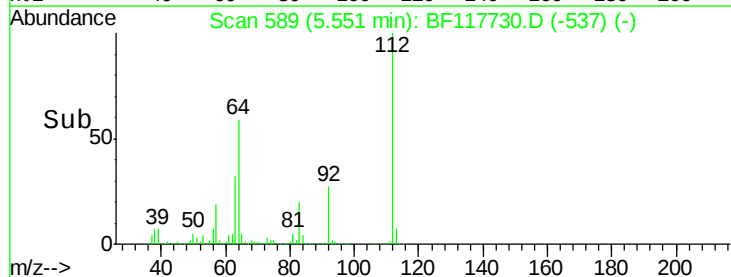
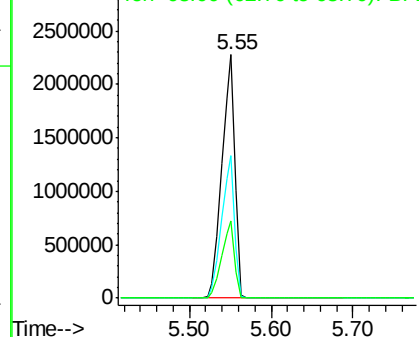
#5

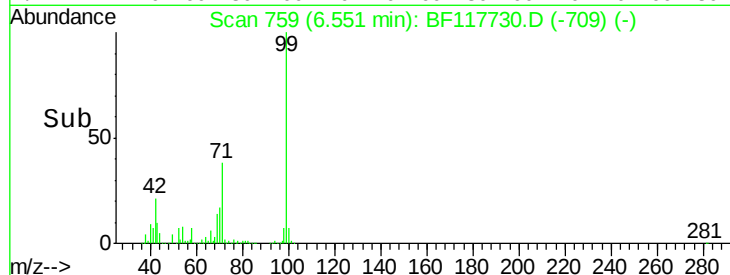
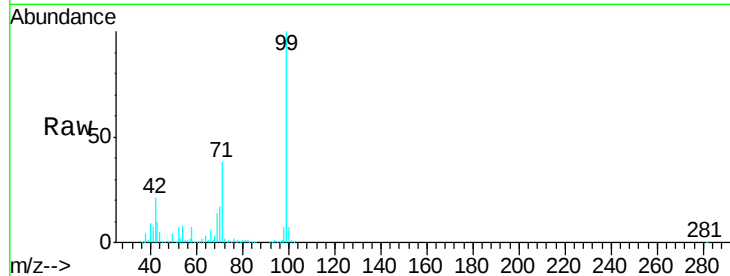
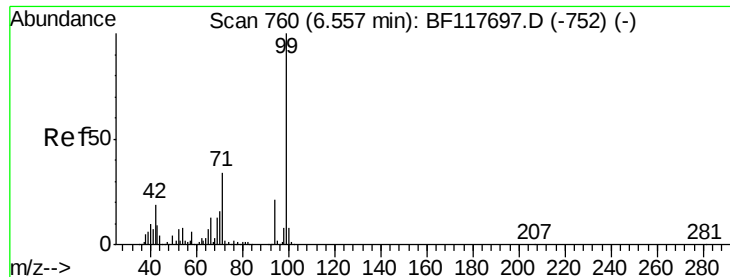
2-Fluorophenol
Concen: 134.435 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF117730.D
Acq: 8 Nov 2019 14:56

Tgt Ion:112 Resp: 2540929
Ion Ratio Lower Upper
112 100
64 58.5 46.4 69.6
63 31.6 24.6 37.0



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: 138.192 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117730.D

Acq: 8 Nov 2019 14:56

Instrument :

BNA_F

ClientSampleId :

SB-26-(6-8)

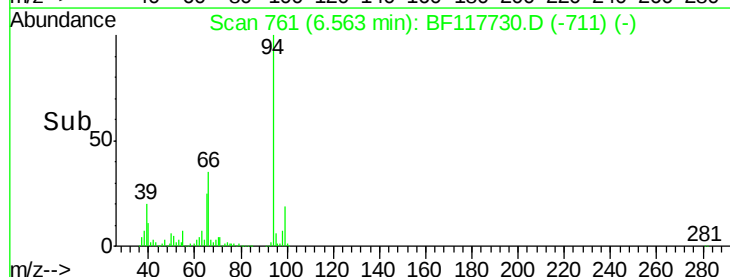
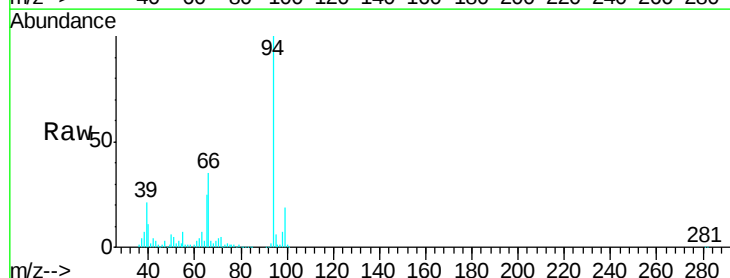
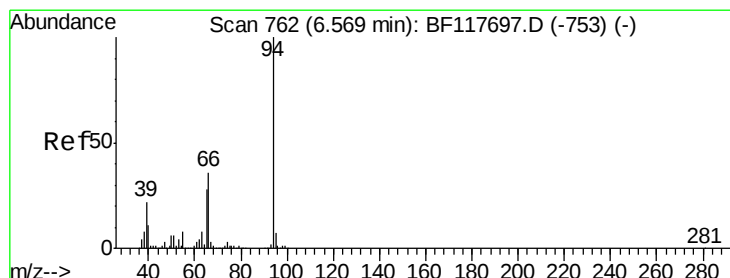
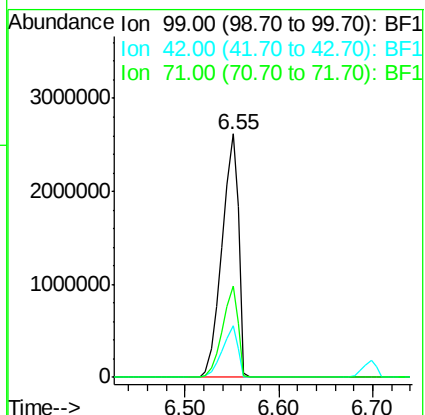
Tgt Ion: 99 Resp: 3220589

Ion Ratio Lower Upper

99 100

42 21.0 15.3 22.9

71 37.7 26.8 40.2



#10

Phenol

Concen: 6.264 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117730.D

Acq: 8 Nov 2019 14:56

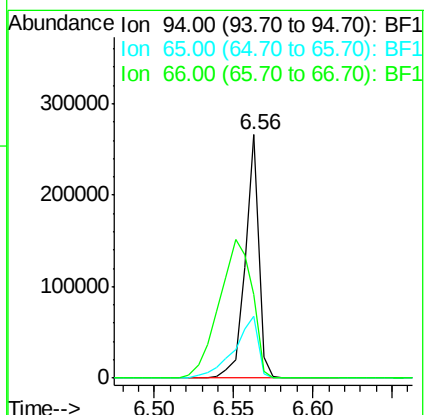
Tgt Ion: 94 Resp: 157303

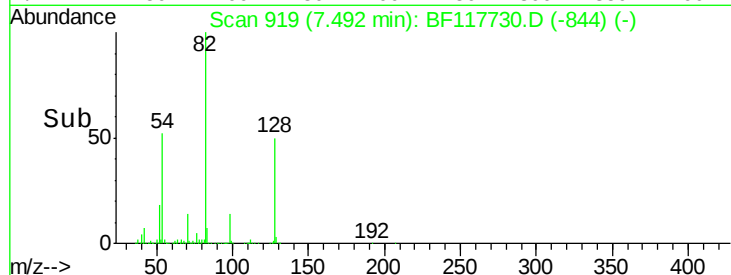
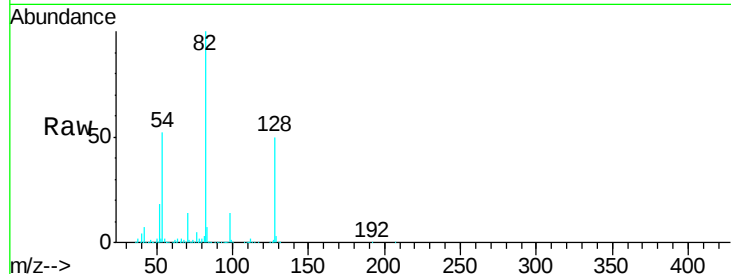
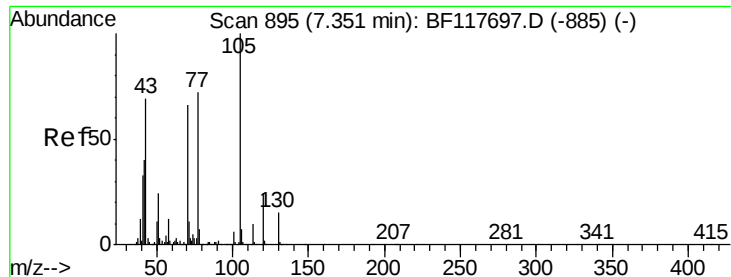
Ion Ratio Lower Upper

94 100

65 25.3 7.6 47.6

66 34.6 16.1 56.1

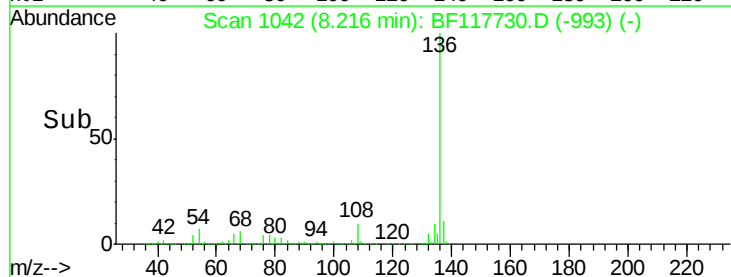
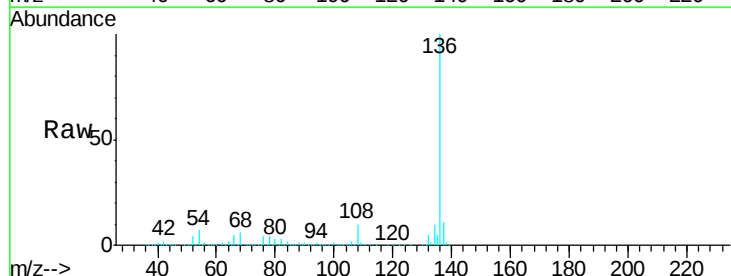
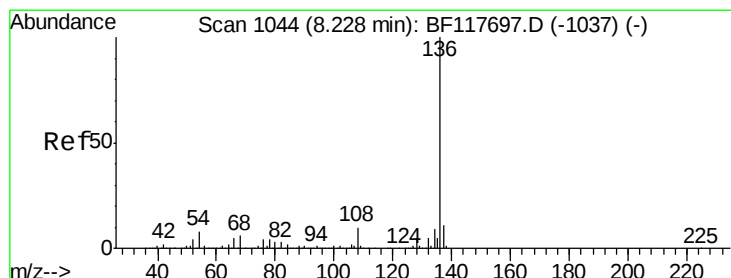
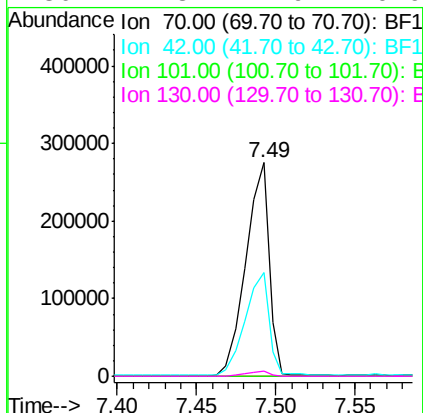




#19
n-Nitroso-di-n-propylamine
Concen: 18.147 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117730.D
Acq: 8 Nov 2019 14:56

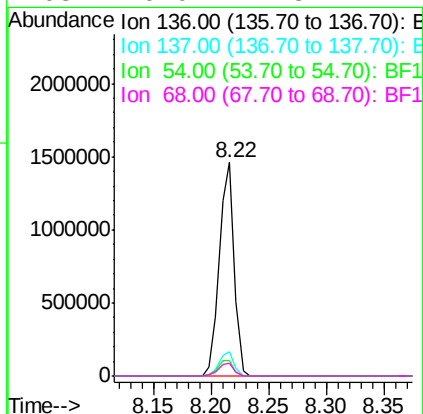
Instrument :
BNA_F
ClientSampleId :
SB-26-(6-8)

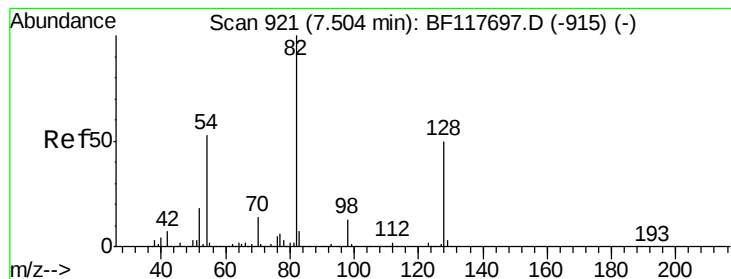
Tgt Ion: 70 Resp: 278081
Ion Ratio Lower Upper
70 100
42 48.4 49.1 73.7#
101 0.0 7.8 11.8#
130 2.3 17.9 26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117730.D
Acq: 8 Nov 2019 14:56

Tgt Ion: 136 Resp: 1299276
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.4 6.0 9.0
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 90.045 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF117730.D

Acq: 8 Nov 2019 14:56

Instrument :

BNA_F

ClientSampleId :

SB-26-(6-8)

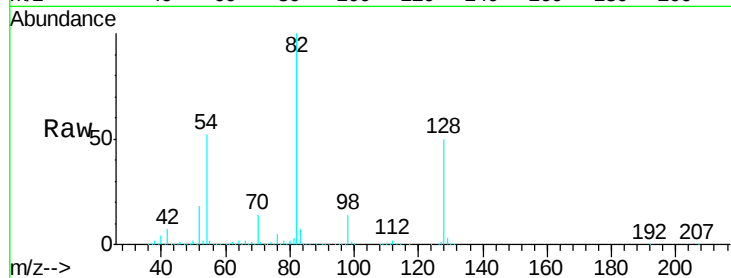
Tgt Ion: 82 Resp: 1981618

Ion Ratio Lower Upper

82 100

128 50.3 40.2 60.2

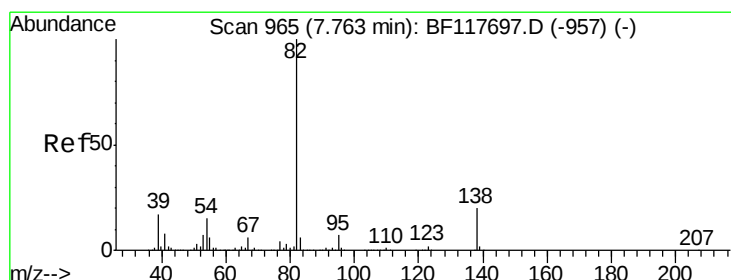
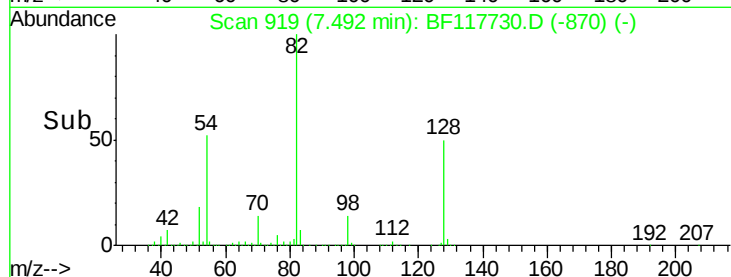
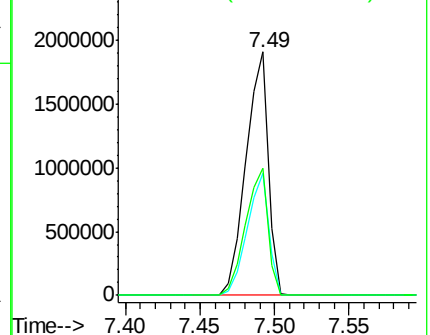
54 52.5 42.0 63.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 46.926 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.27 min

Lab File: BF117730.D

Acq: 8 Nov 2019 14:56

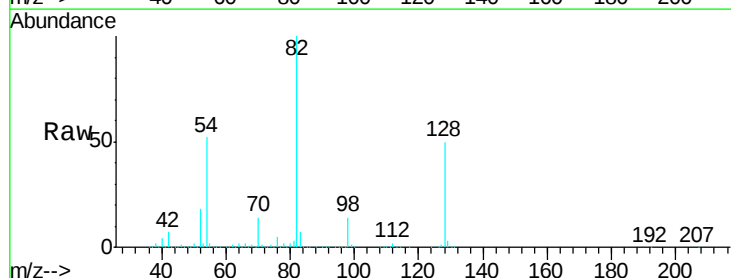
Tgt Ion: 82 Resp: 1975162

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

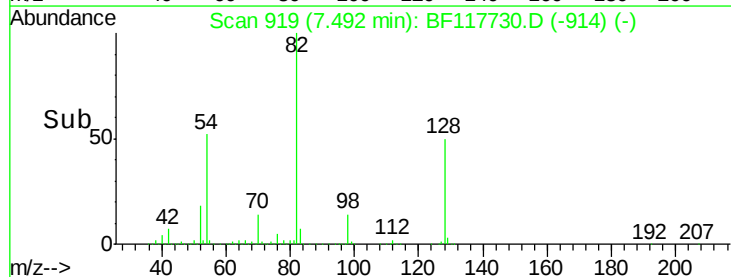
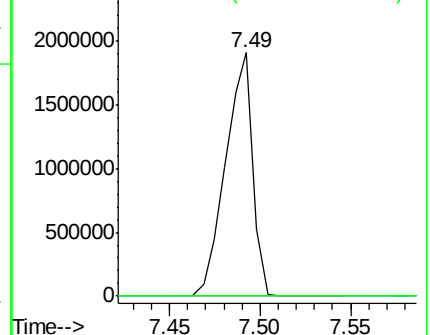
138 0.0 16.2 24.2#

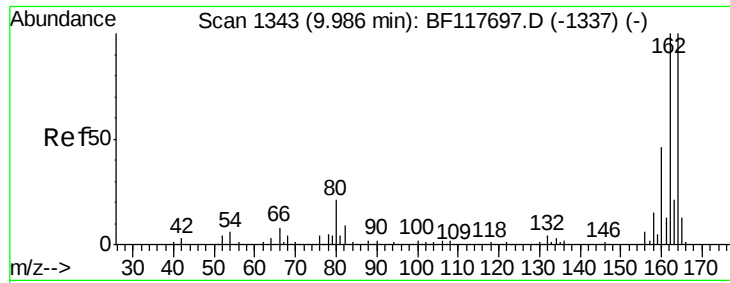


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

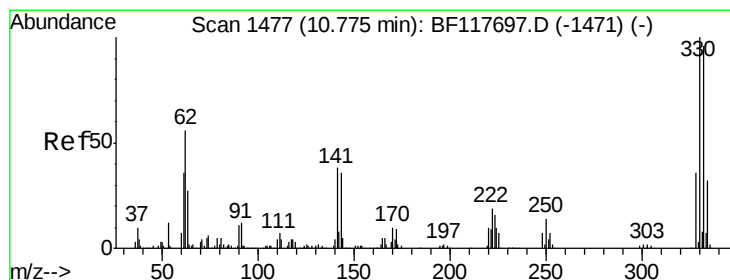
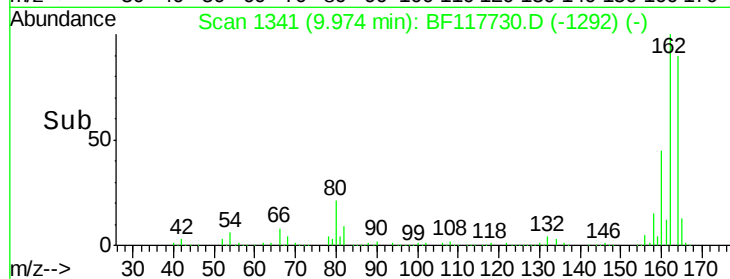
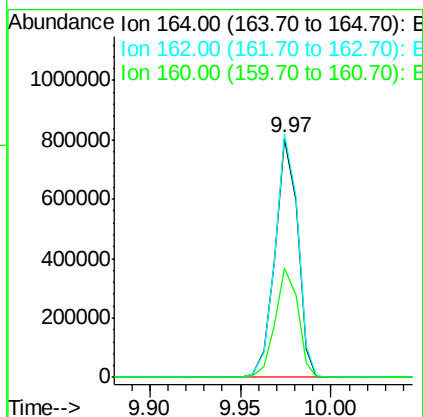
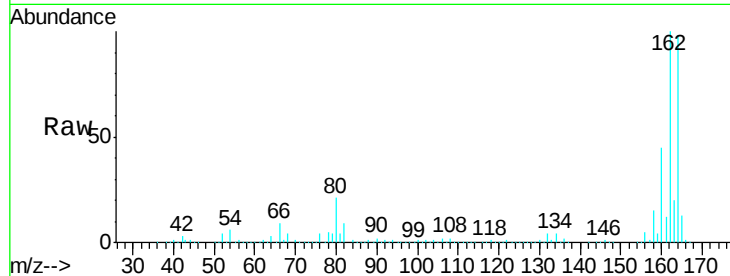




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF117730.D
 Acq: 8 Nov 2019 14:56

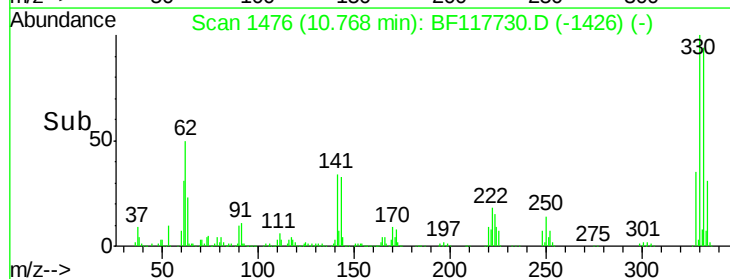
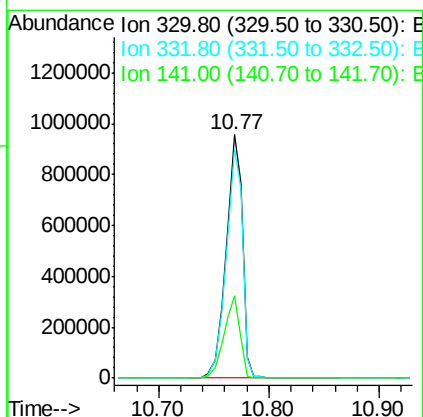
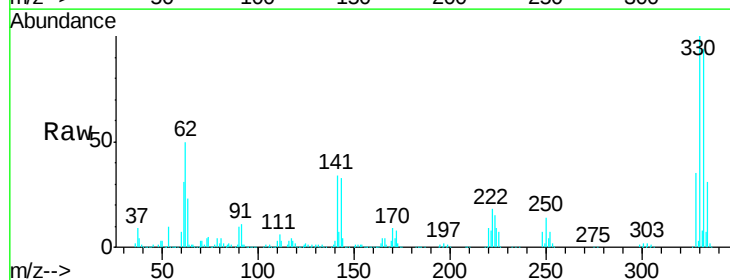
Instrument :
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 SB-26-(6-8)

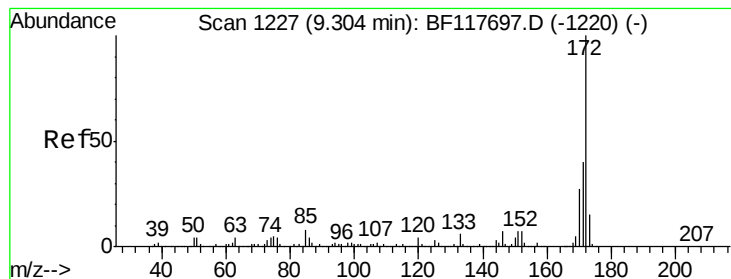
Tgt Ion:164 Resp: 701390
 Ion Ratio Lower Upper
 164 100
 162 102.0 79.7 119.5
 160 45.6 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 144.228 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117730.D
 Acq: 8 Nov 2019 14:56

Tgt Ion:330 Resp: 989578
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 33.1 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 90.543 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117730.D

Acq: 8 Nov 2019 14:56

Instrument :

BNA_F

ClientSampleId :

SB-26-(6-8)

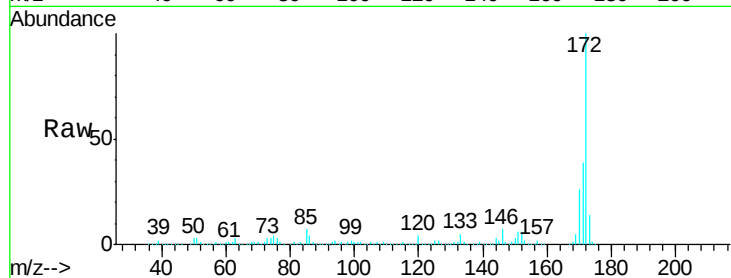
Tgt Ion:172 Resp: 3218711

Ion Ratio Lower Upper

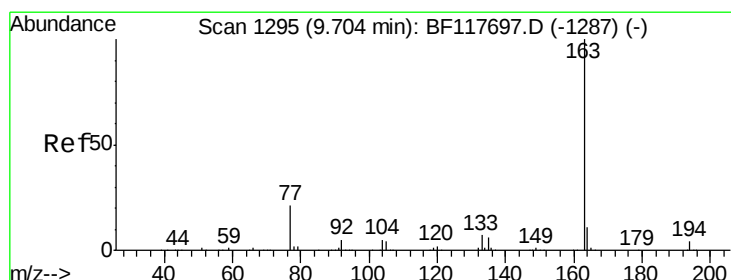
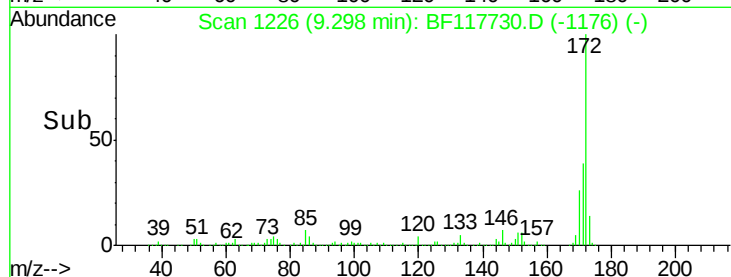
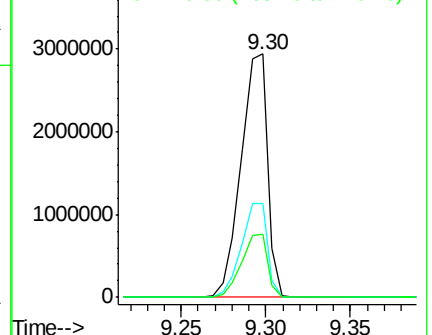
172 100

171 38.8 31.8 47.8

170 26.0 21.6 32.4



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: 11.064 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF117730.D

Acq: 8 Nov 2019 14:56

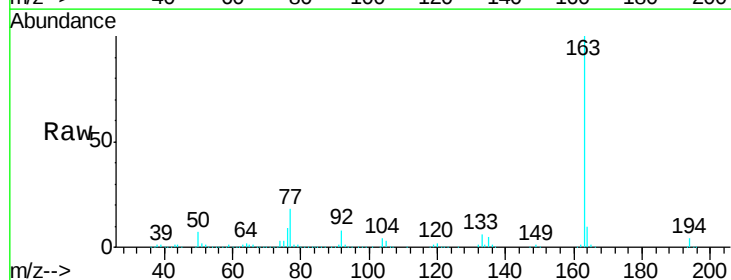
Tgt Ion:163 Resp: 524608

Ion Ratio Lower Upper

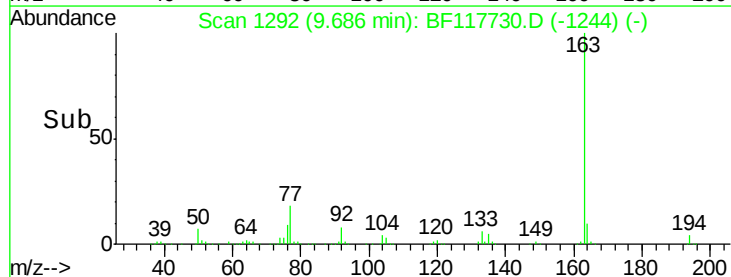
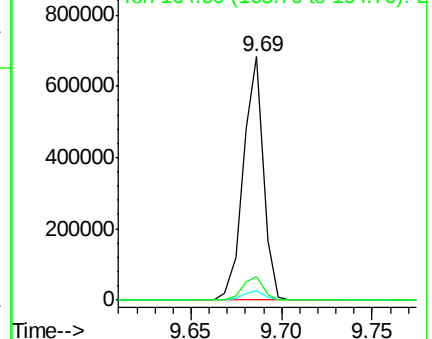
163 100

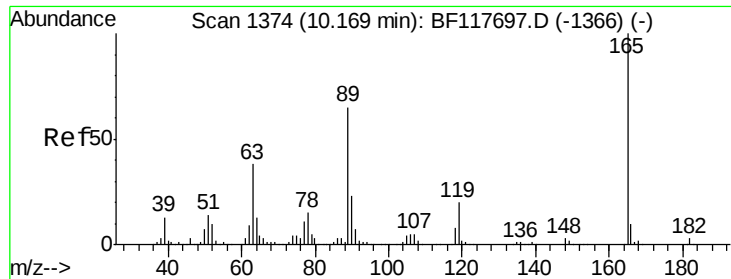
194 4.1 3.4 5.0

164 9.7 8.9 13.3



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

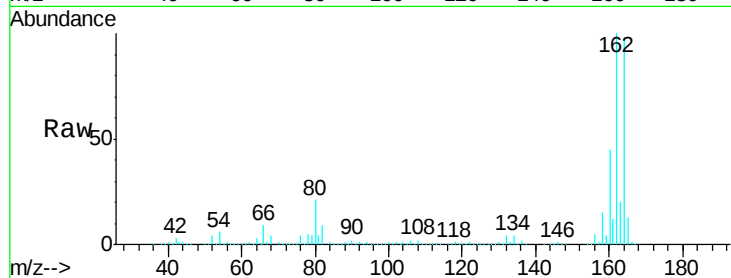




#57
 2,4-Dinitrotoluene
 Concen: 6.793 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.19 min
 Lab File: BF117730.D
 Acq: 8 Nov 2019 14:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-(6-8)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.4	45.6#
89	1.5	52.2	78.4#
182	0.0	2.3	3.5#

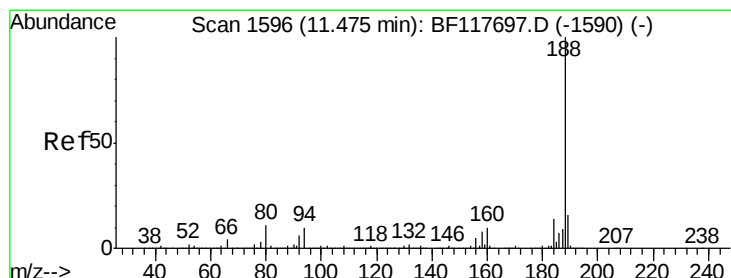
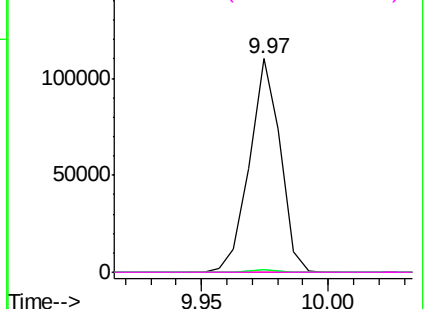
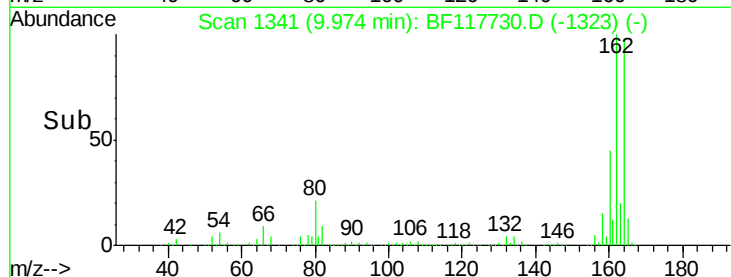


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

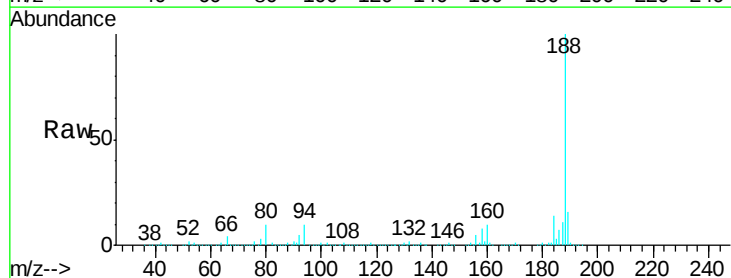
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF117730.D
 Acq: 8 Nov 2019 14:56

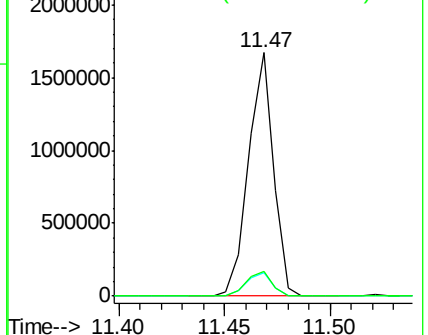
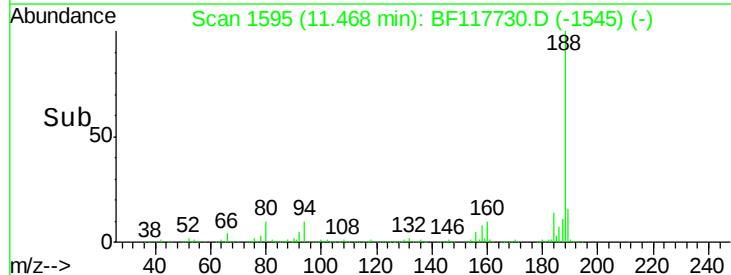
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.0	8.6	13.0

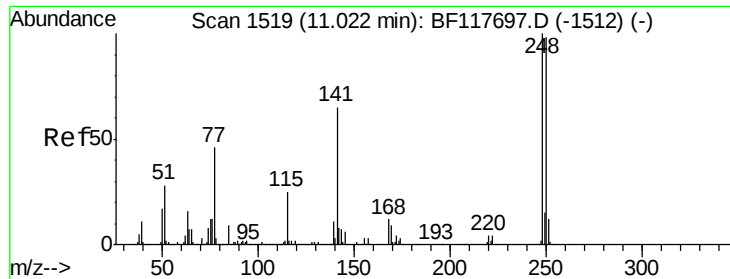


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

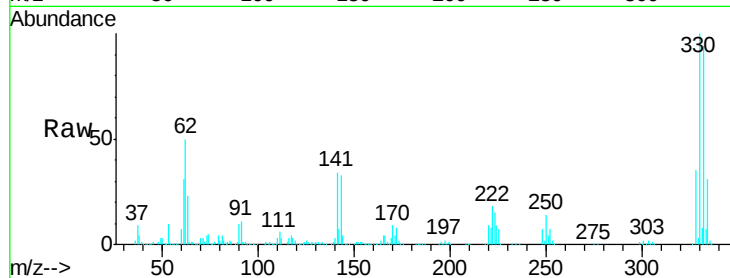




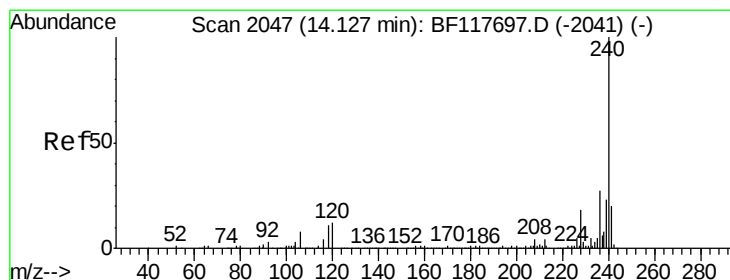
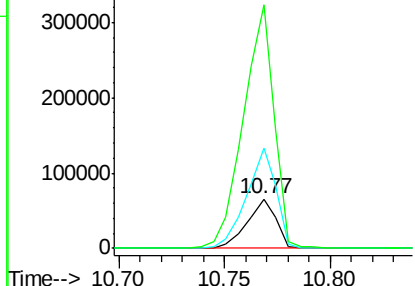
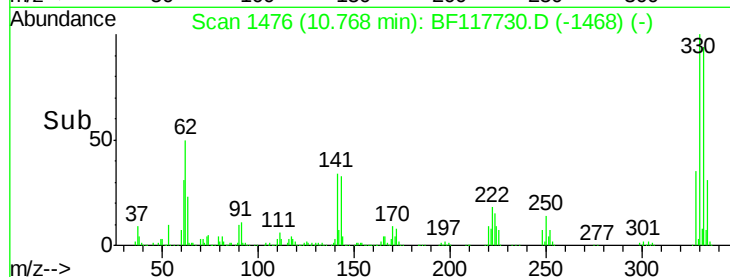
#67
4-Bromophenyl-phenylether
Concen: 4.212 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117730.D
Acq: 8 Nov 2019 14:56

Instrument :
BNA_F
ClientSampleId :
SB-26-(6-8)

Tgt Ion:248 Resp: 63281
Ion Ratio Lower Upper
248 100
250 203.2 78.7 118.1#
141 493.1 51.8 77.8#

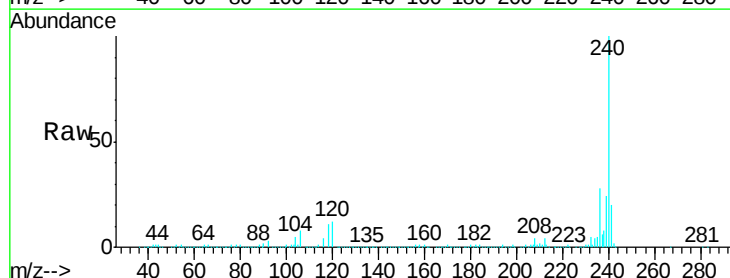


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

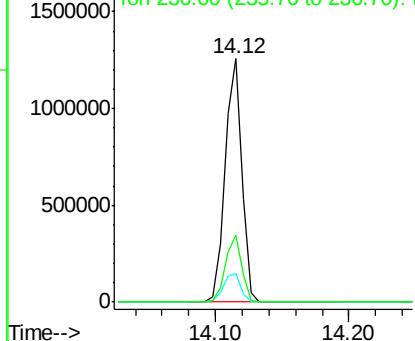
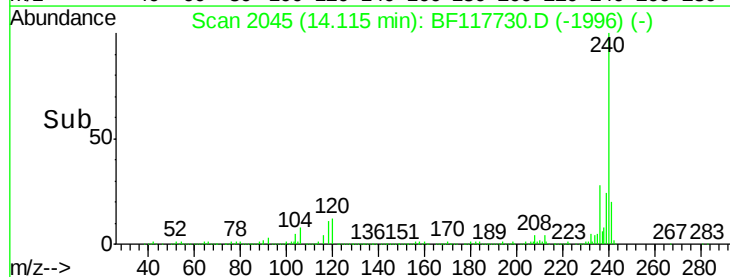


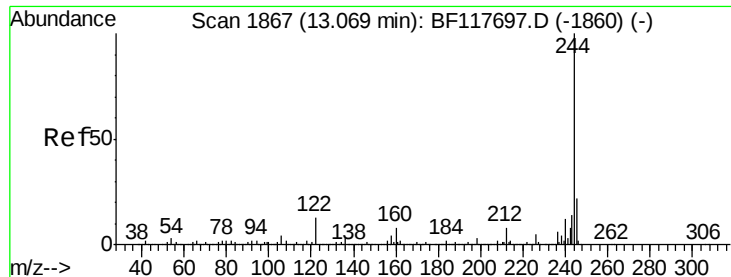
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117730.D
Acq: 8 Nov 2019 14:56

Tgt Ion:240 Resp: 1114631
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 27.7 21.9 32.9



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: 74.331 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117730.D

Acq: 8 Nov 2019 14:56

Instrument :

BNA_F

ClientSampleId :

SB-26-(6-8)

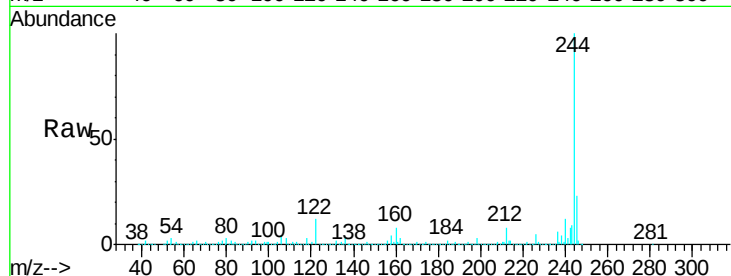
Tgt Ion:244 Resp: 4024691

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

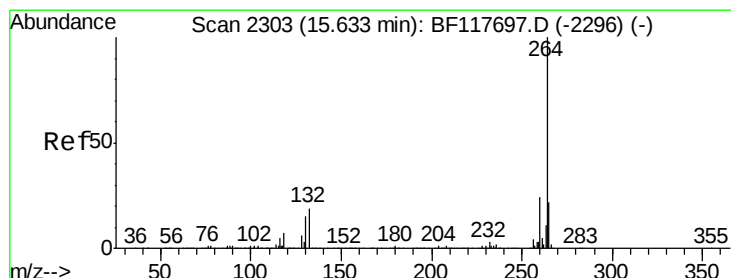
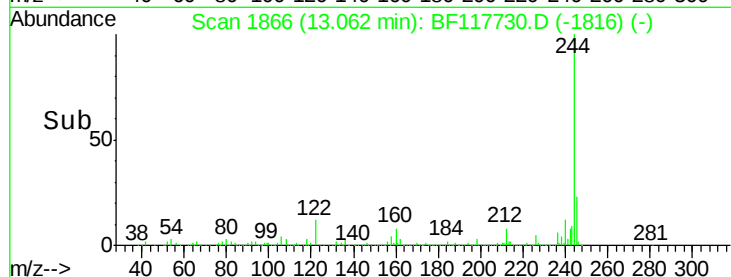
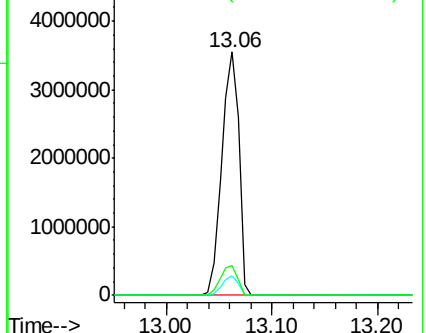
122 12.4 10.0 15.0



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: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BF117730.D

Acq: 8 Nov 2019 14:56

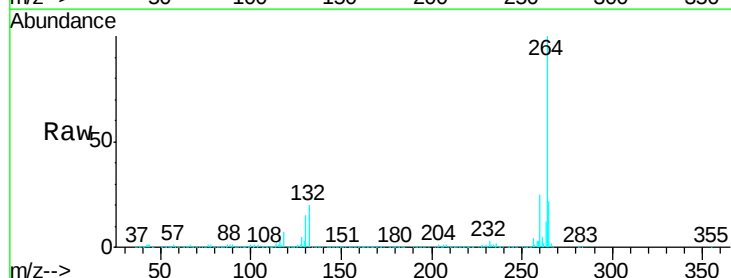
Tgt Ion:264 Resp: 1017128

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.8 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

