

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119048.D
 Acq On : 25 Feb 2020 4:20
 Operator : CG/JU
 Sample : L1635-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 06:45:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

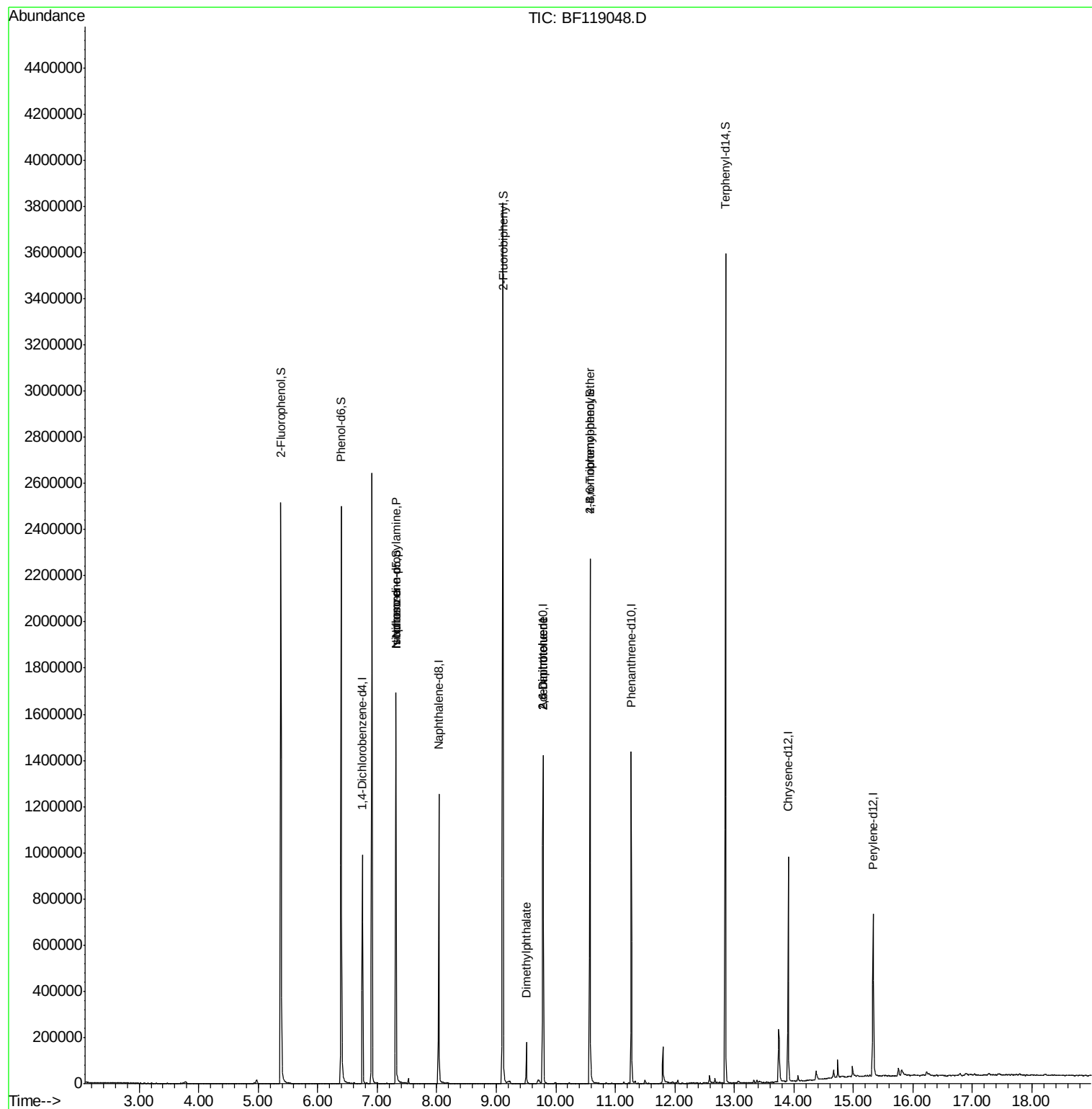
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	150679	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	567785	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	300438	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	519049	20.00	ng	0.00
76) Chrysene-d12	13.90	240	318784	20.00	ng	0.00
87) Perylene-d12	15.33	264	347816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	753864	83.61	ng	0.00
7) Phenol-d6	6.40	99	911315	83.11	ng	0.00
23) Nitrobenzene-d5	7.32	82	599590	55.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	304295	77.42	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1193510	58.52	ng	-0.01
79) Terphenyl-d14	12.85	244	1273438	68.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	81576	12.767	ng	# 75
25) Isophorone	7.32	82	599585	32.105	ng	# 63
50) Dimethylphthalate	9.50	163	81119	3.531	ng	100
51) 2,6-Dinitrotoluene	9.79	165	39046	7.650	ng	# 29
57) 2,4-Dinitrotoluene	9.79	165	39046	5.902	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	20037	2.953	ng	# 1

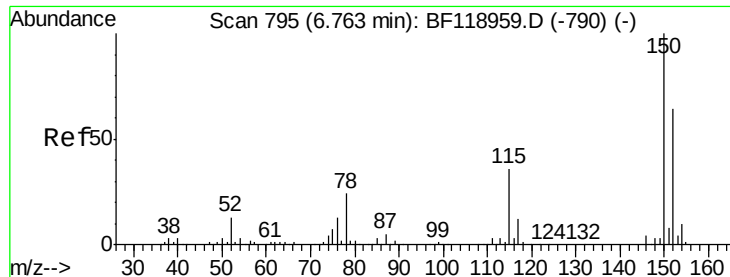
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
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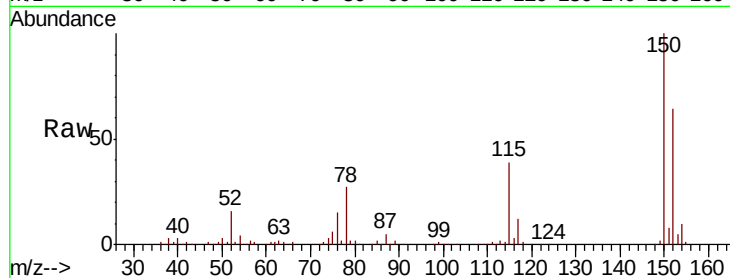


#1

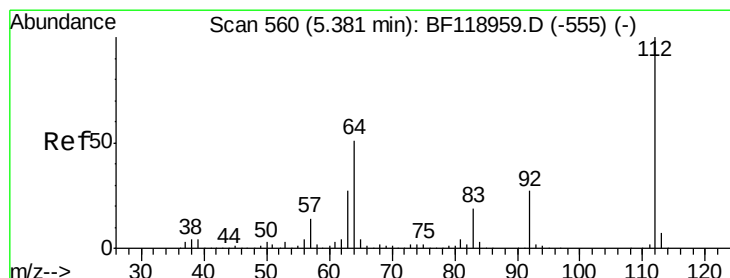
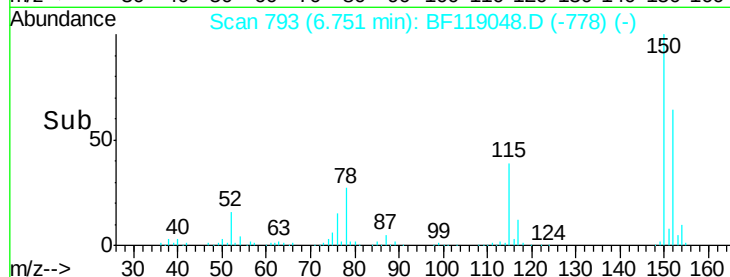
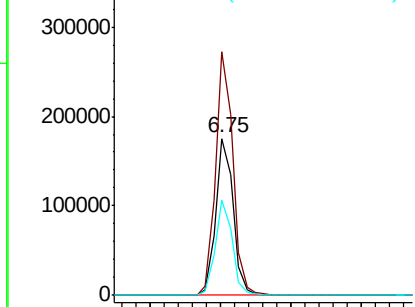
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.3	186.5
115	60.8	44.6	67.0



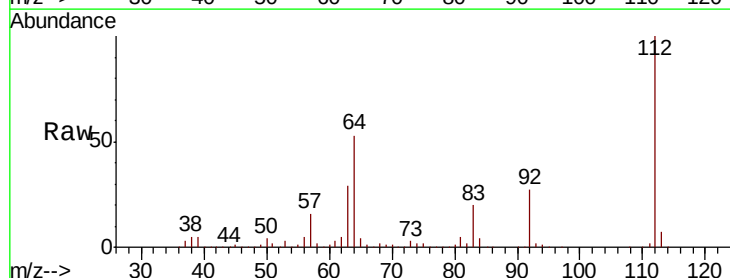
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



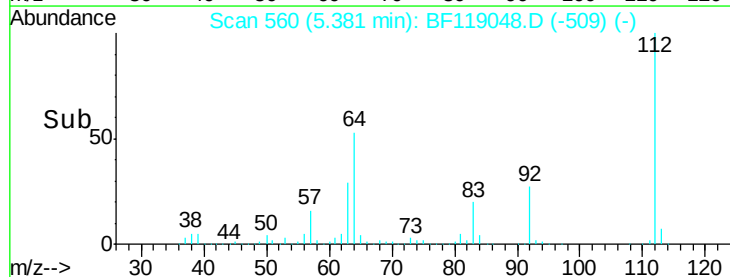
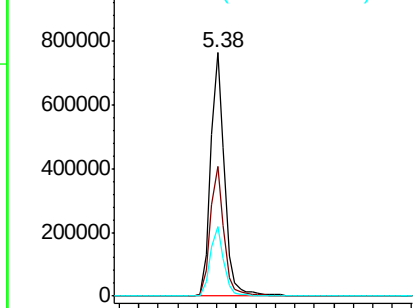
#5

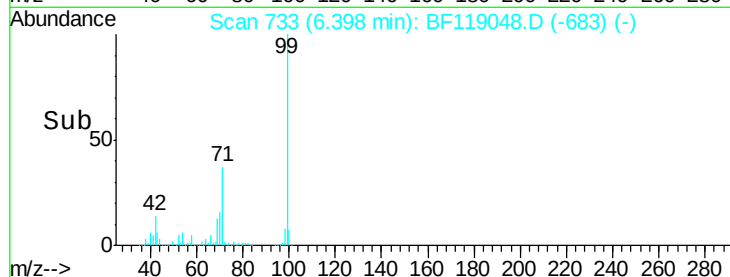
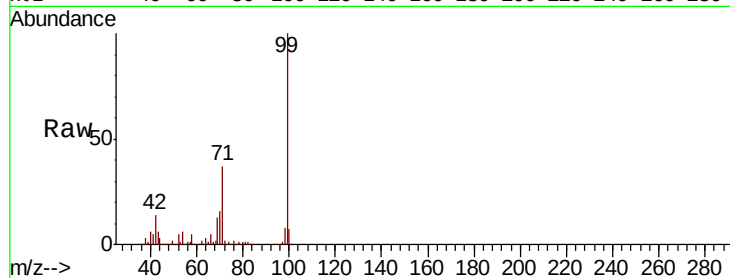
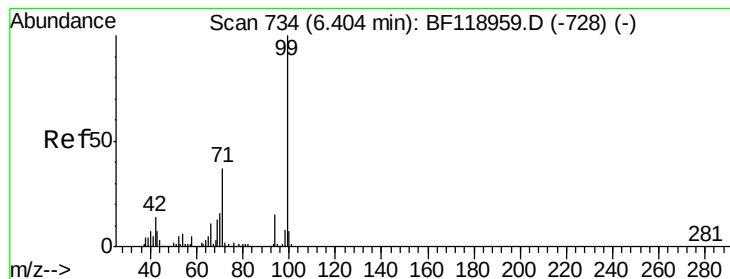
2-Fluorophenol
 Concen: 83.611 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	40.4	60.6
63	28.7	21.3	31.9



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: 83.107 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Instrument :

BNA_F

ClientSampleId :

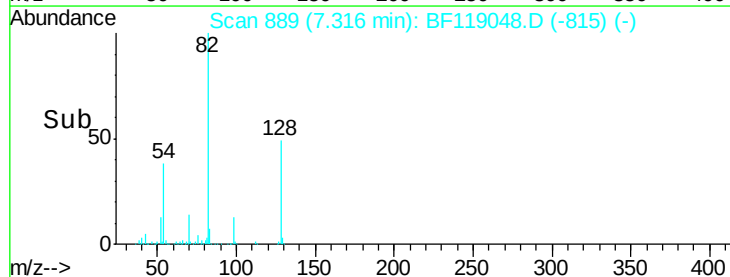
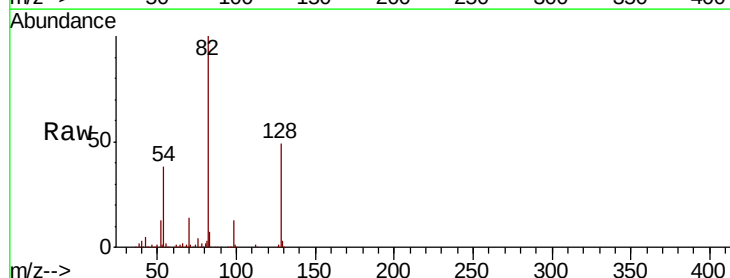
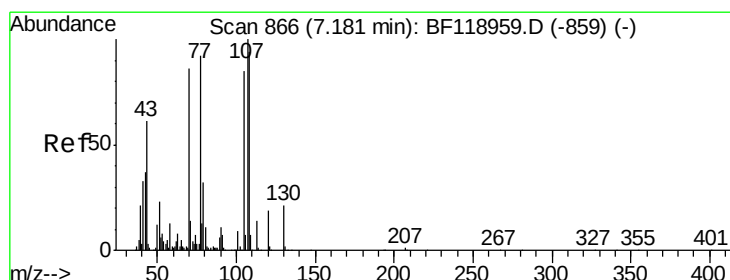
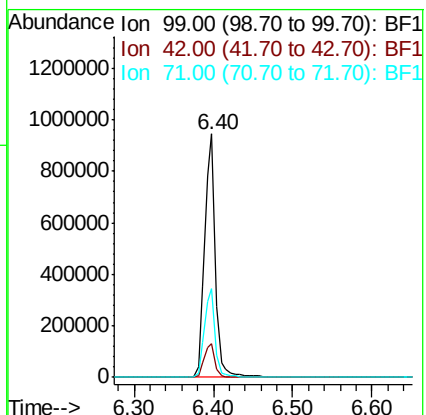
Tot Ion: 99 Resp: 911315

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

71 36.7 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.767 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Tgt Ion: 70 Resp: 81576

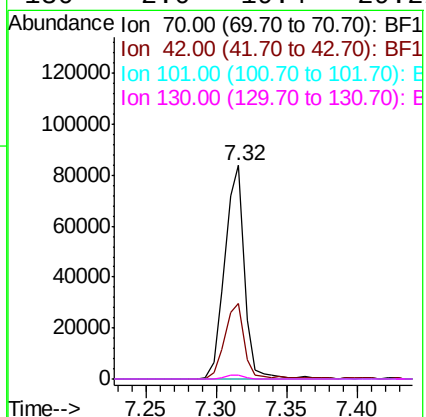
Ion Ratio Lower Upper

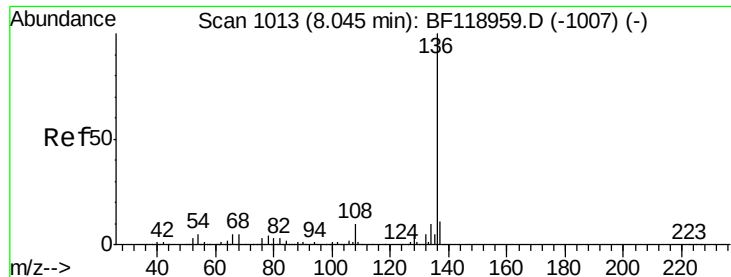
70 100

42 35.2 34.6 51.8

101 0.0 8.1 12.1#

130 2.0 19.4 29.2#

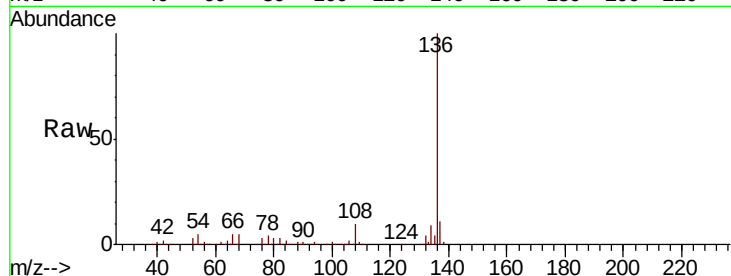




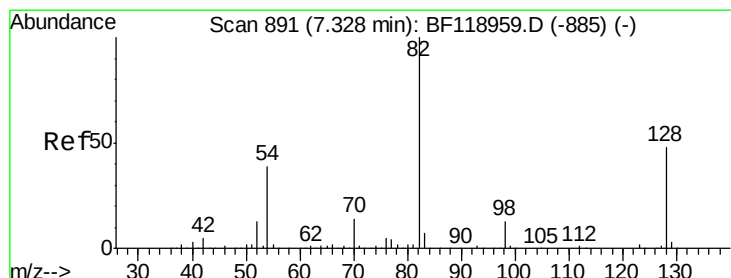
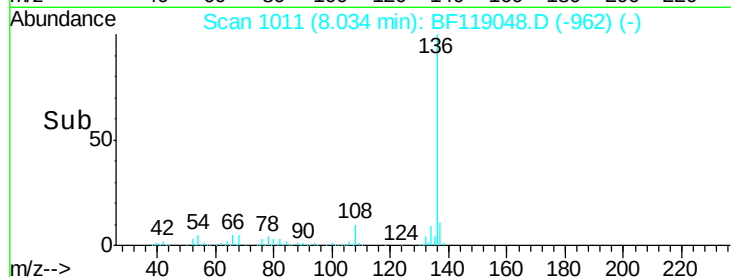
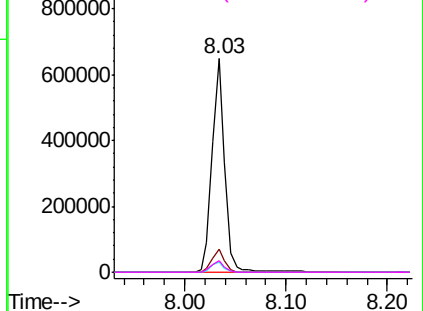
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119048.D
Acq: 25 Feb 2020 4:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	567785
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	4.8	3.8 5.6
68	5.5	4.2 6.2

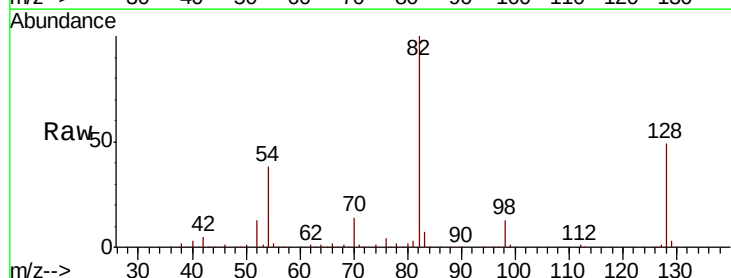


Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
800000 Ion 54.00 (53.70 to 54.70): BF1
600000 Ion 68.00 (67.70 to 68.70): BF1
400000
200000
0

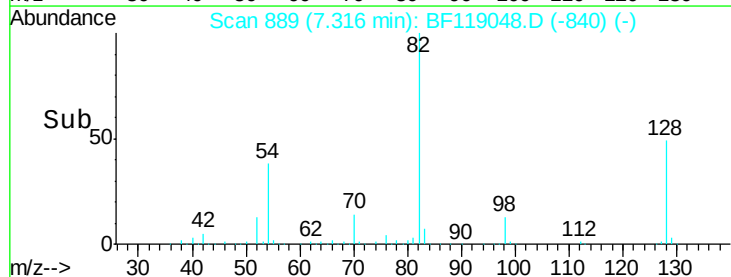
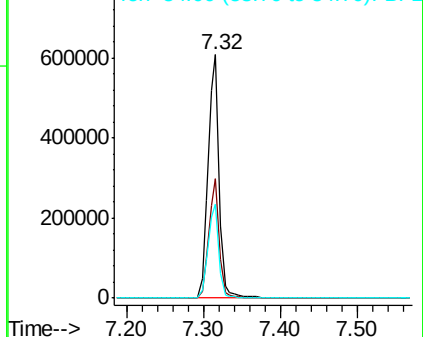


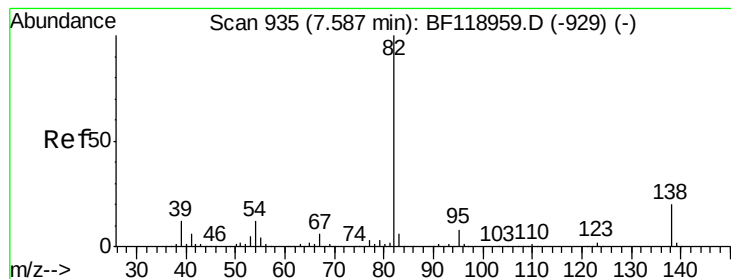
#23
Nitrobenzene-d5
Concen: 55.758 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119048.D
Acq: 25 Feb 2020 4:20

Tgt Ion: 82	Resp:	599590
Ion Ratio	Lower	Upper
82	100	
128	49.2	38.2 57.2
54	38.3	31.3 46.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000 Ion 128.00 (127.70 to 128.70): E
600000 Ion 54.00 (53.70 to 54.70): BF1
400000
200000
0





#25

Isophorone

Concen: 32.105 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Instrument :

BNA_F

ClientSampleId :

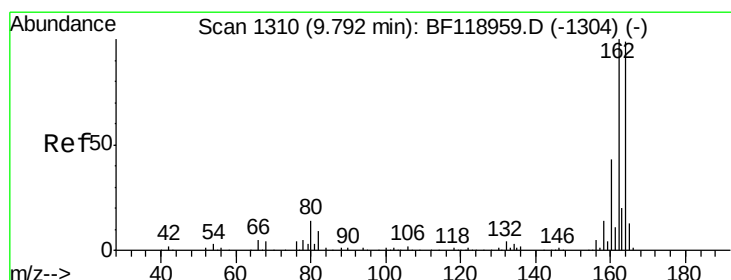
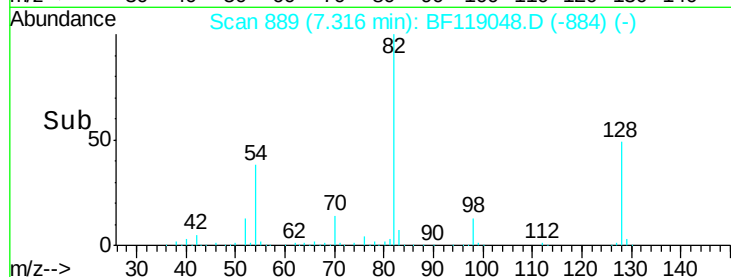
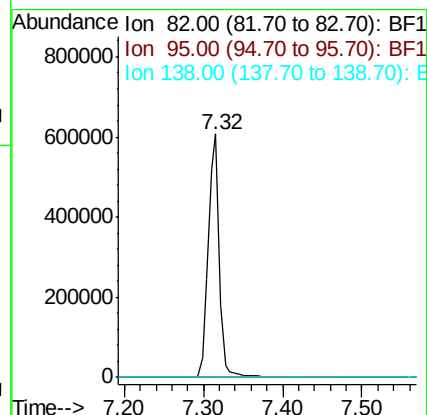
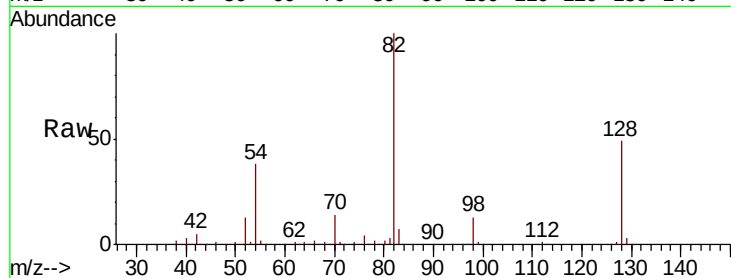
Tot Ion: 82 Resp: 599585

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 15.8 23.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

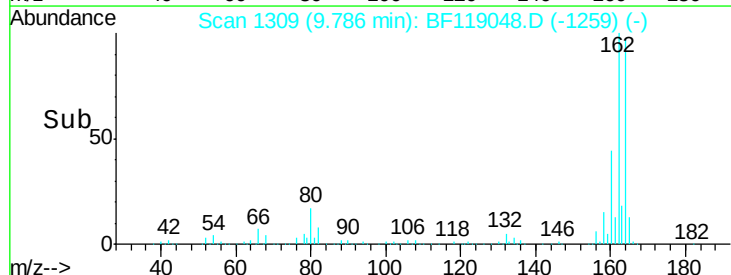
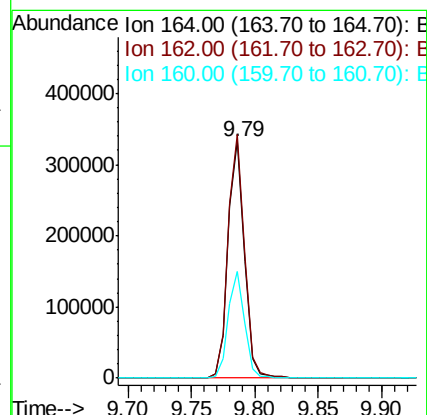
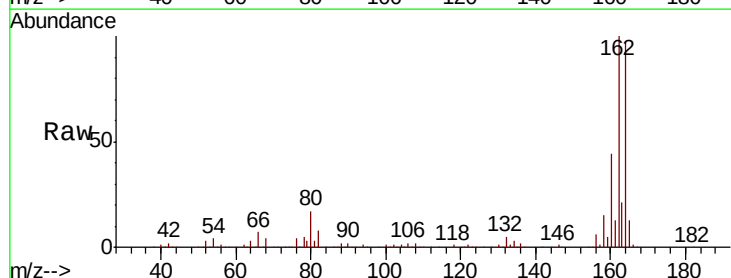
Tgt Ion: 164 Resp: 300438

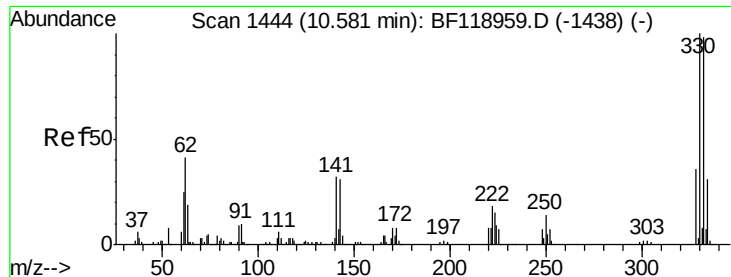
Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

160 45.1 35.2 52.8

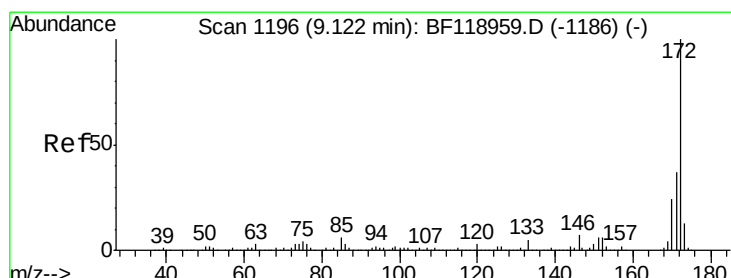
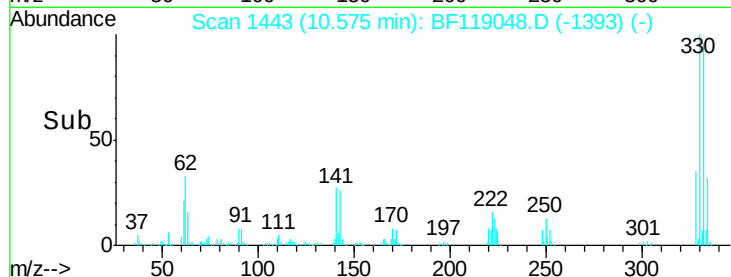
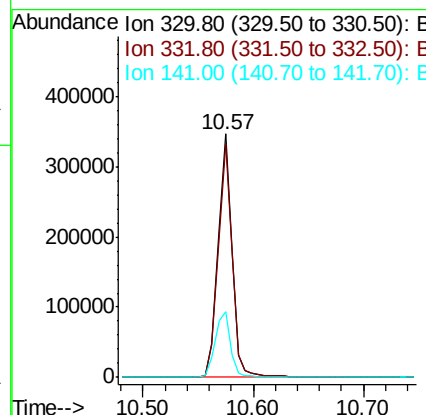
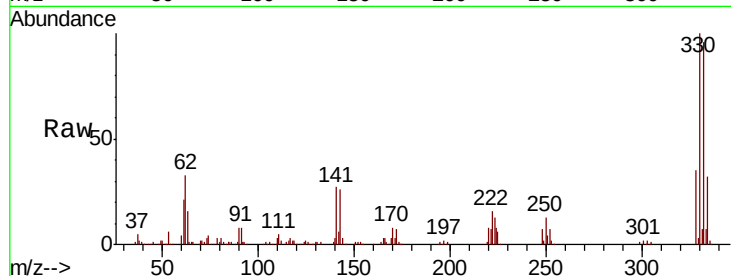




#42
 2,4,6-Tribromophenol
 Concen: 77.424 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

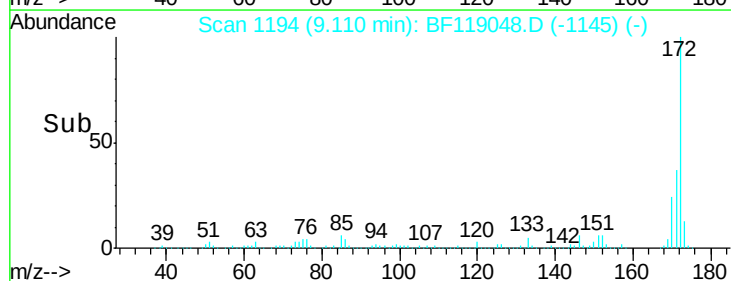
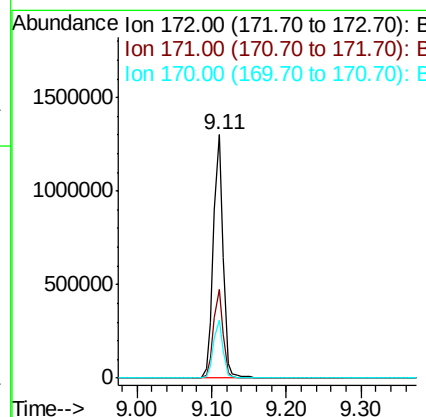
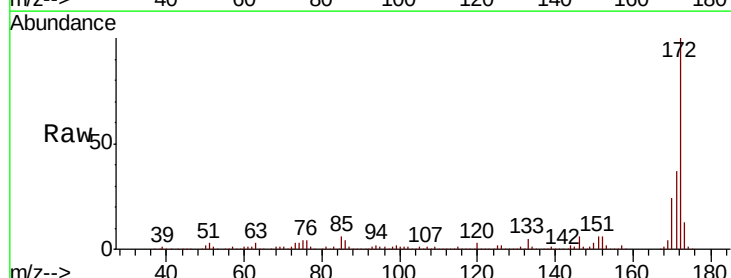
Instrument :
 BNA_F
 ClientSampleId :

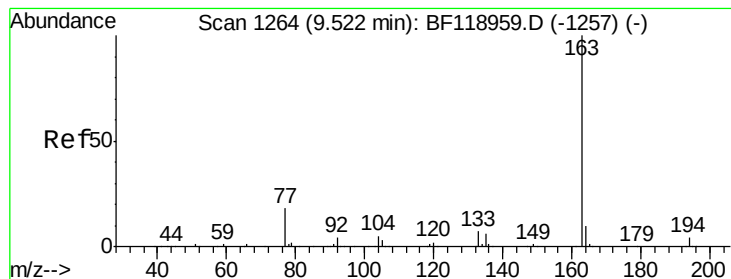
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	29.3	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 58.523 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.1	19.6	29.4





#50

Dimethylphthalate

Concen: 3.531 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Instrument :

BNA_F

ClientSampleId :

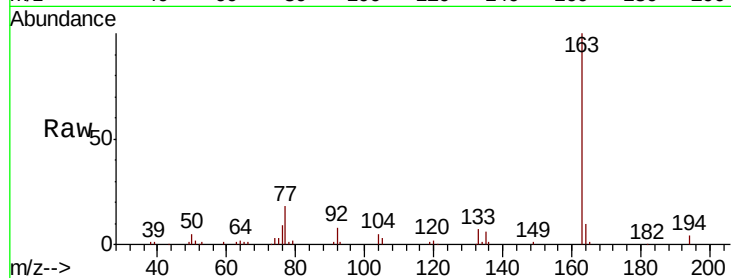
Tot Ion:163 Resp: 81119

Ion Ratio Lower Upper

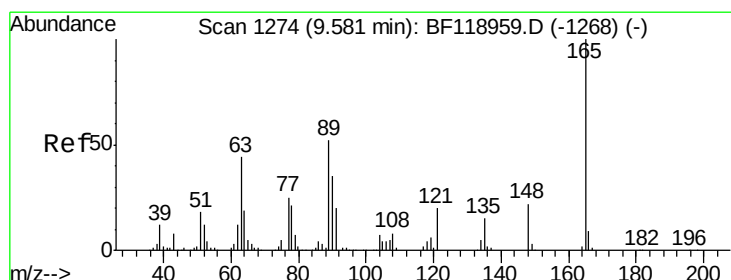
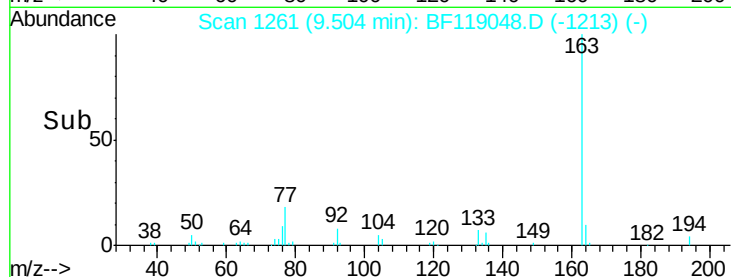
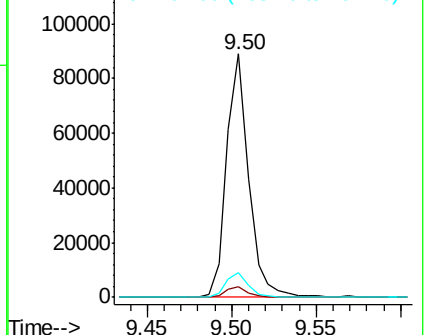
163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2



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: 7.650 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

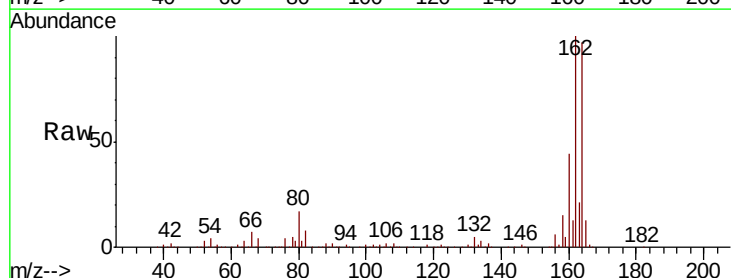
Tgt Ion:165 Resp: 39046

Ion Ratio Lower Upper

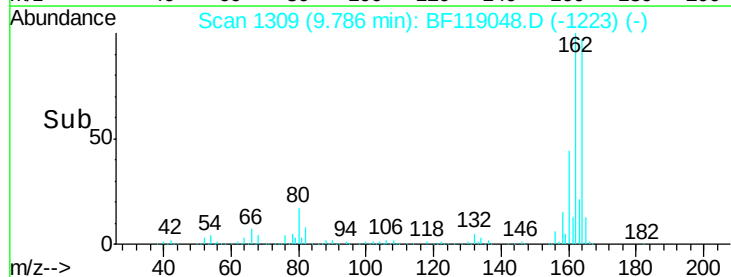
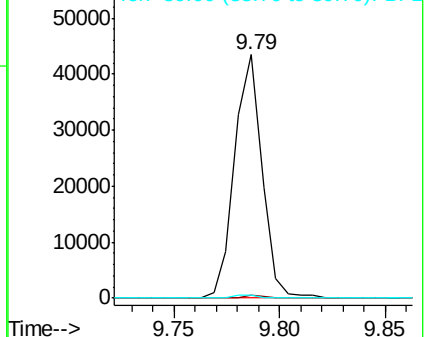
165 100

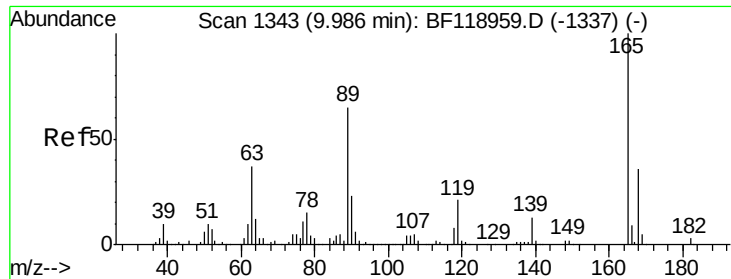
63 1.0 37.9 56.9#

89 1.3 41.4 62.0#



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

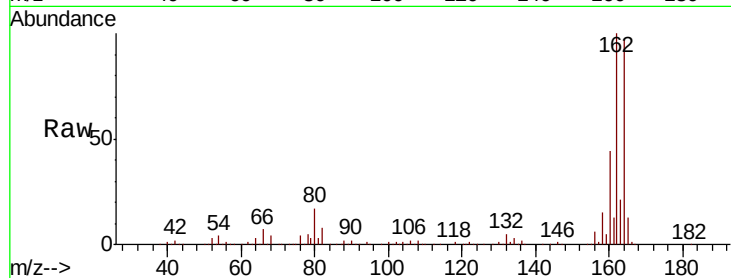




#57
 2,4-Dinitrotoluene
 Concen: 5.902 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.3	51.9	77.9#
182	0.7	2.3	3.5#

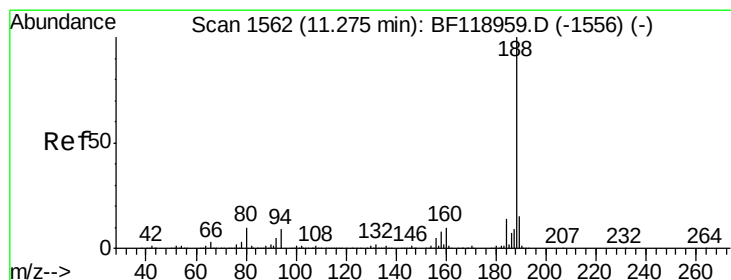
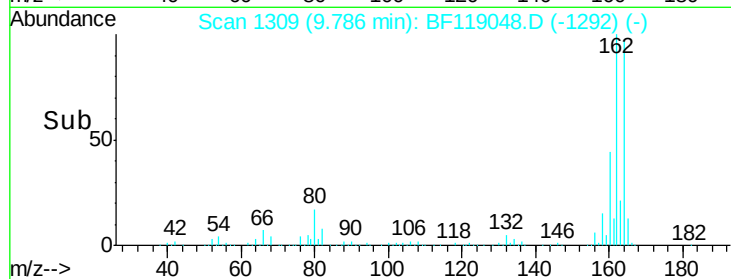
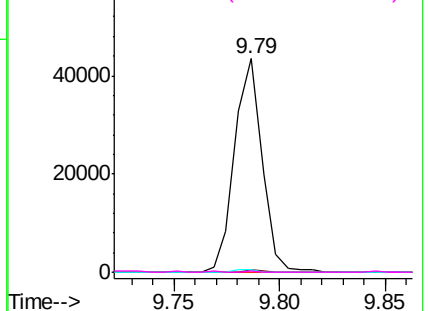


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

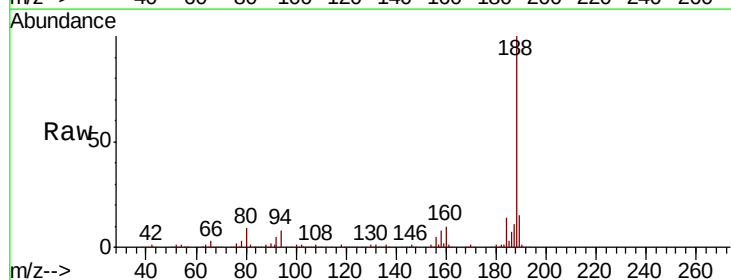
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

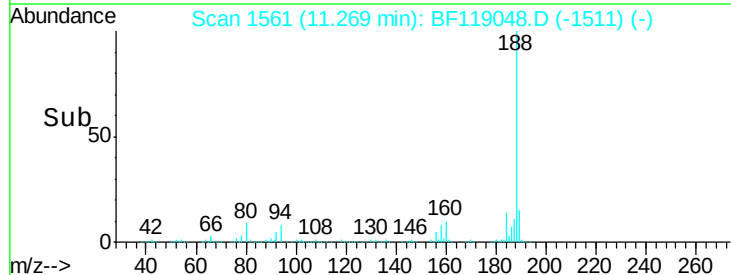
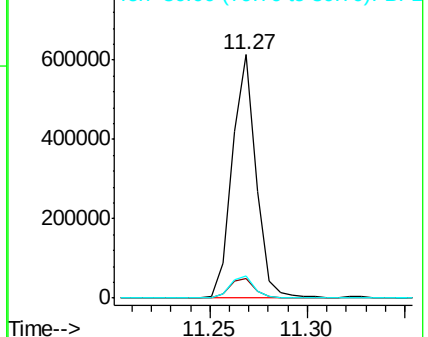
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	8.9	7.9	11.9

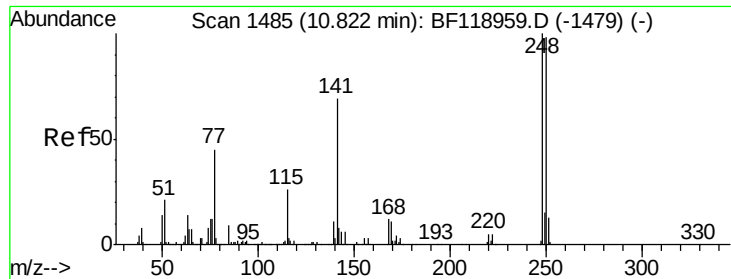


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

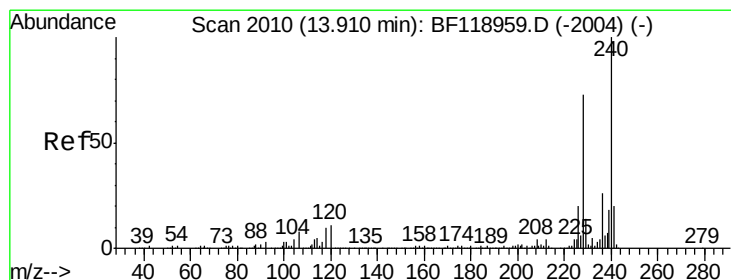
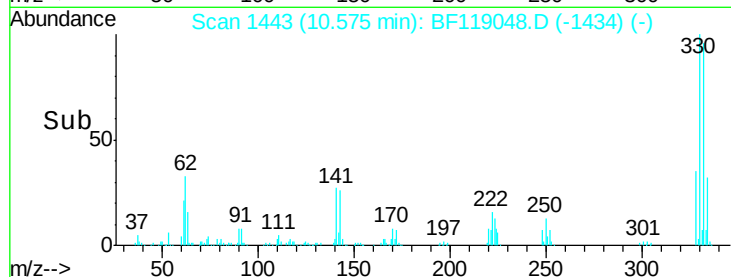
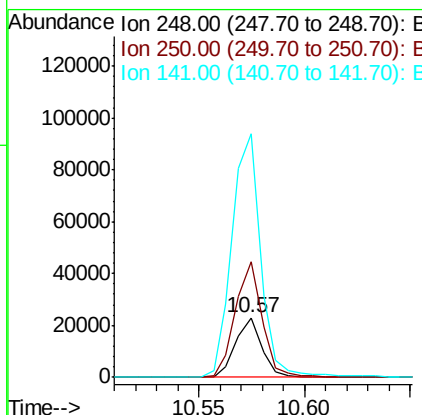
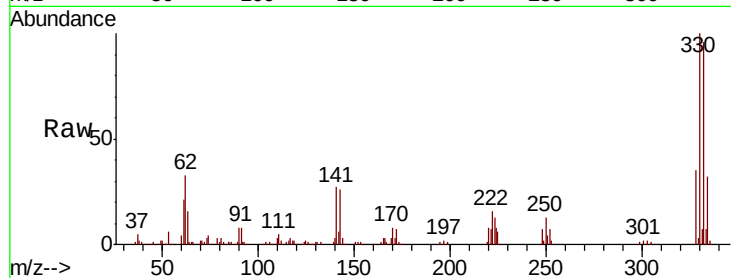




#67
 4-Bromophenyl-phenylether
 Concen: 2.953 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

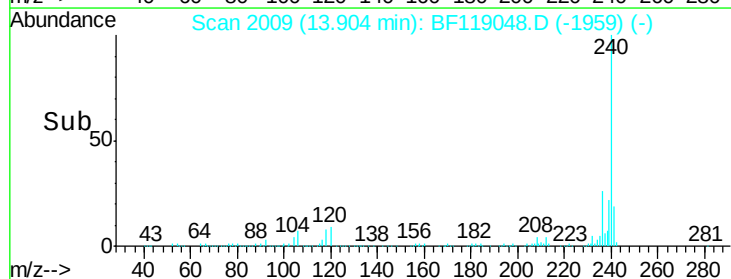
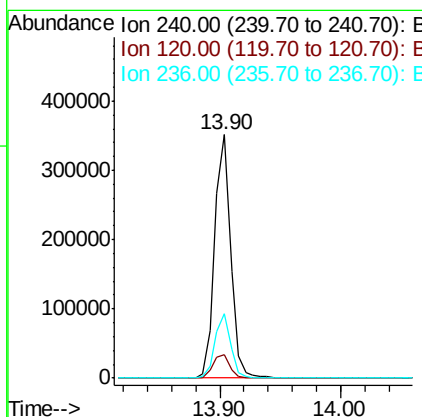
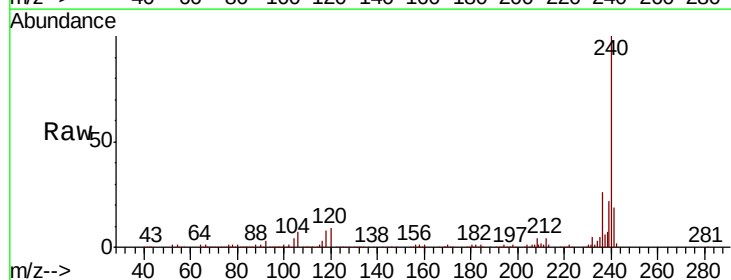
Instrument :
 BNA_F
 ClientSampleId :

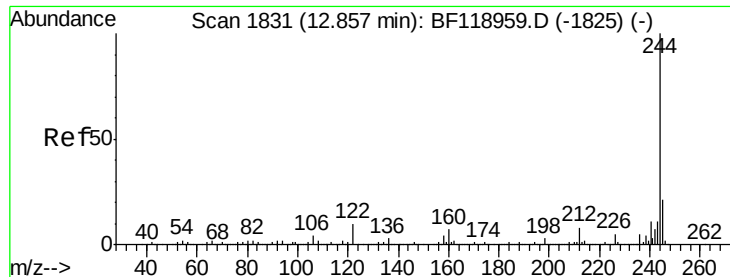
Tot Ion	Ratio	Lower	Upper
248	100		
250	193.7	78.8	118.2#
141	409.1	55.3	82.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.9	13.3
236	26.3	20.6	30.8





#79

Terphenyl-d14

Concen: 68.775 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Instrument :

BNA_F

ClientSampleId :

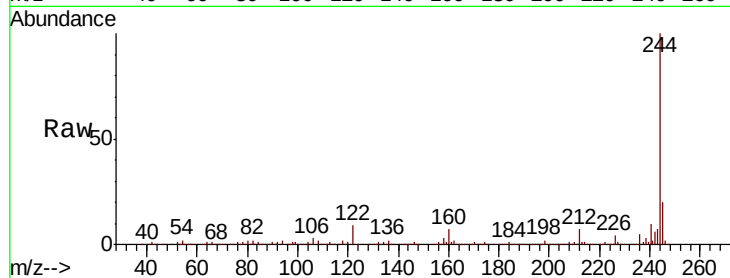
Tot Ion:244 Resp: 1273438

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	9.0	8.4	12.6

244 100

212 6.9 6.3 9.5

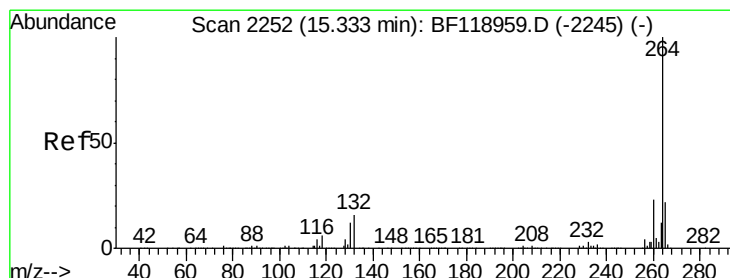
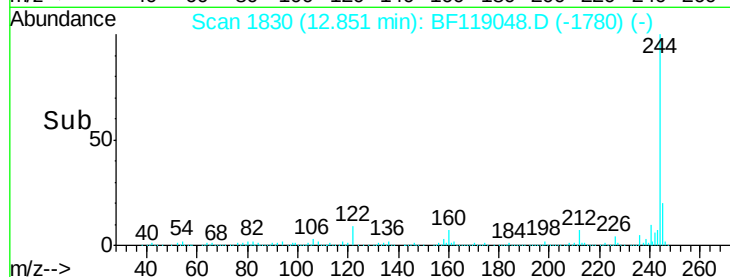
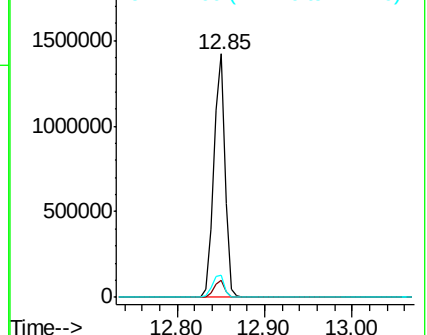
122 9.0 8.4 12.6



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: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

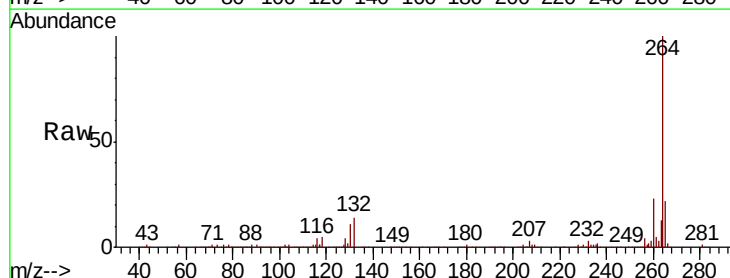
Tgt Ion:264 Resp: 347816

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.7	17.3	25.9

264 100

260 23.3 18.6 28.0

265 21.7 17.3 25.9



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

