

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119025.D
 Acq On : 24 Feb 2020 16:08
 Operator : CG/JU
 Sample : PB127021BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:25:14 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

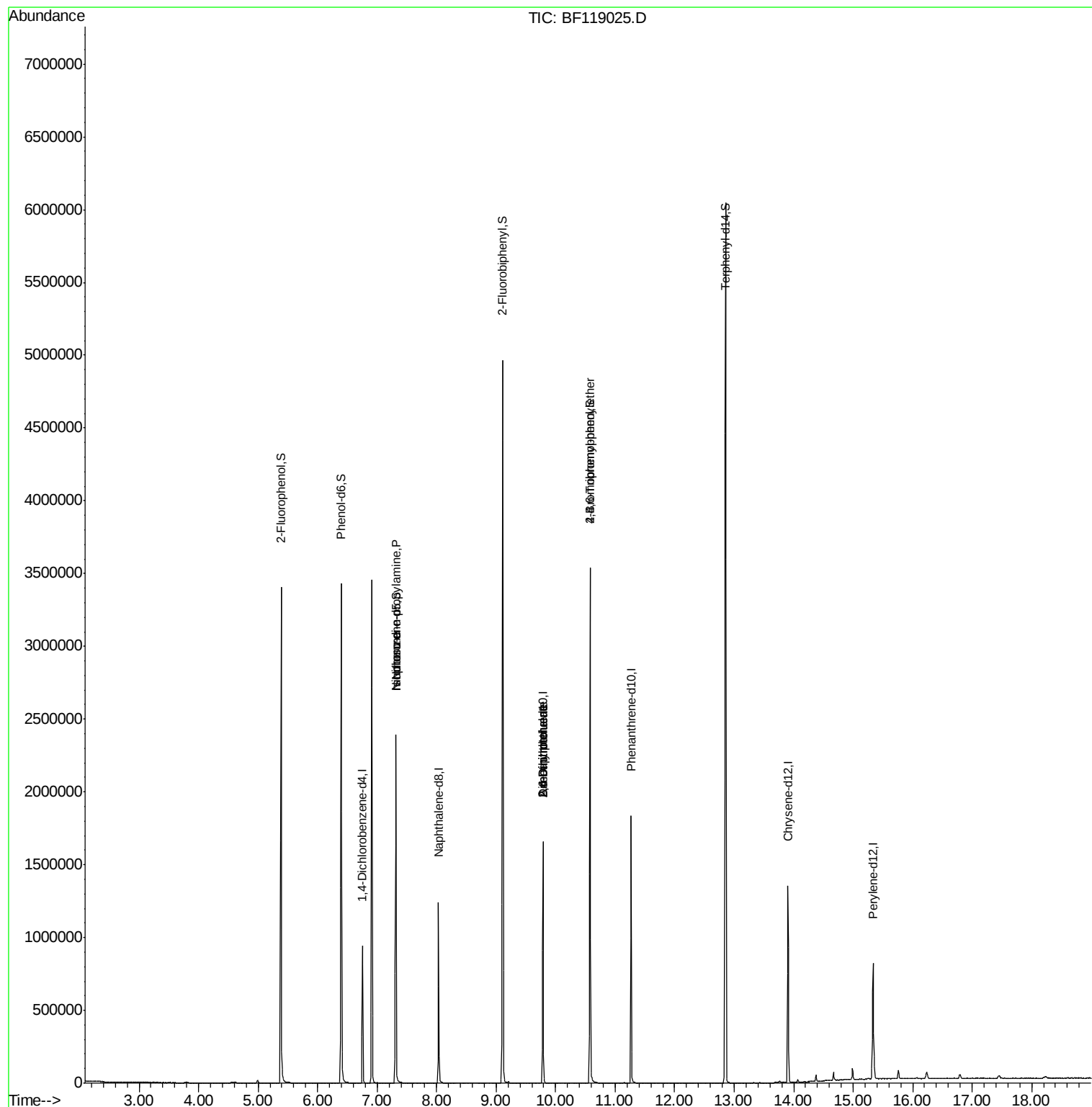
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	151726	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	599660	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	341163	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	659459	20.00	ng	0.00
76) Chrysene-d12	13.90	240	440535	20.00	ng	0.00
87) Perylene-d12	15.33	264	371481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1096649	120.79	ng	0.00
7) Phenol-d6	6.40	99	1329676	120.42	ng	0.00
23) Nitrobenzene-d5	7.32	82	878755	77.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	507850	113.79	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1798076	77.64	ng	-0.01
79) Terphenyl-d14	12.86	244	2308901	90.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	119103	18.511	ng	# 78
25) Isophorone	7.32	82	878745	44.552	ng	# 63
50) Dimethylphthalate	9.79	163	69586	2.667	ng	# 1
51) 2,6-Dinitrotoluene	9.79	165	44674	7.708	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	44674	5.946	ng	# 28
67) 4-Bromophenyl-phenylether	10.58	248	32441	3.763	ng	# 1

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

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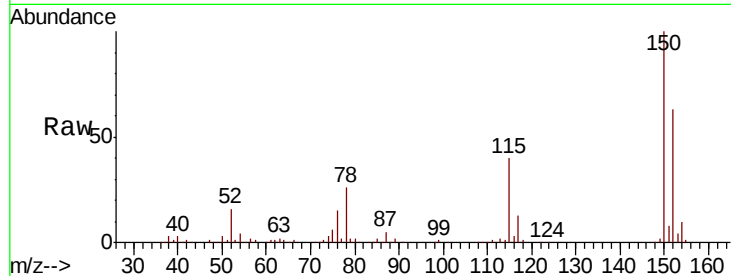


#1

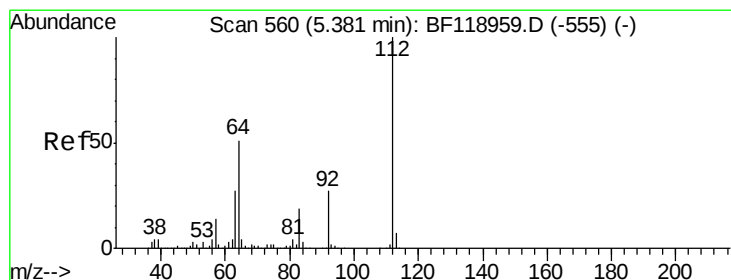
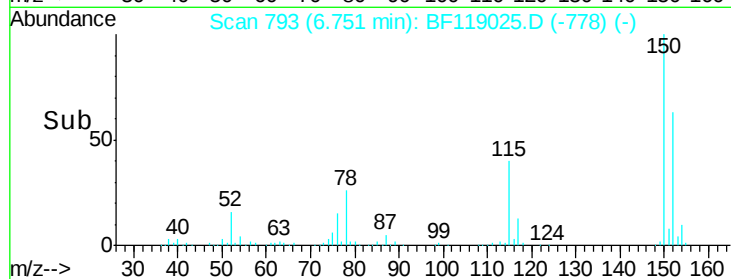
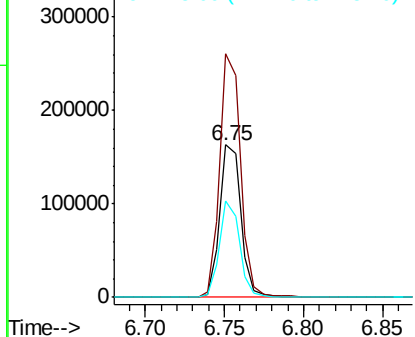
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151726
Ion Ratio Lower Upper
152 100
150 159.8 124.3 186.5
115 63.4 44.6 67.0



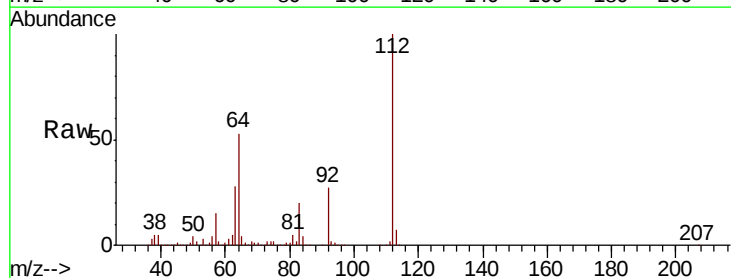
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



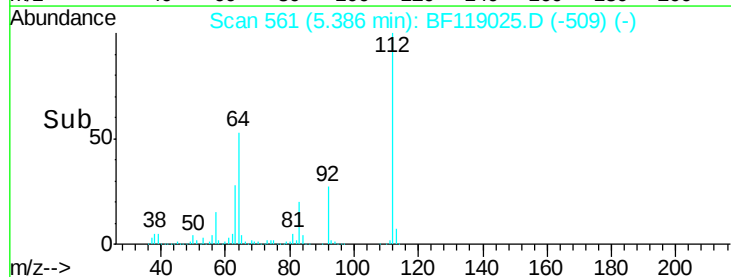
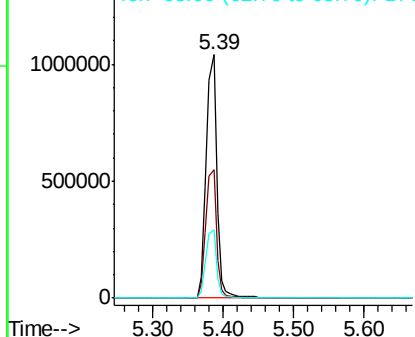
#5

2-Fluorophenol
Concen: 120.790 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Tgt Ion:112 Resp: 1096649
Ion Ratio Lower Upper
112 100
64 52.9 40.4 60.6
63 28.1 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: 120.423 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Instrument :

BNA_F

ClientSampled :

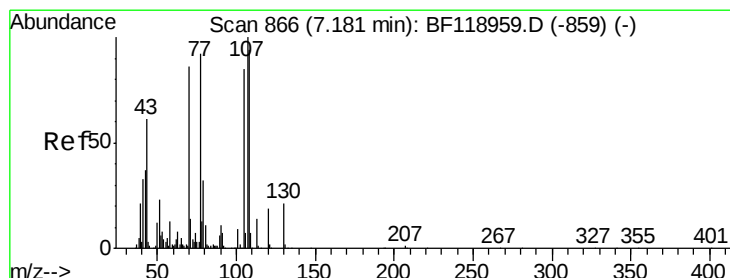
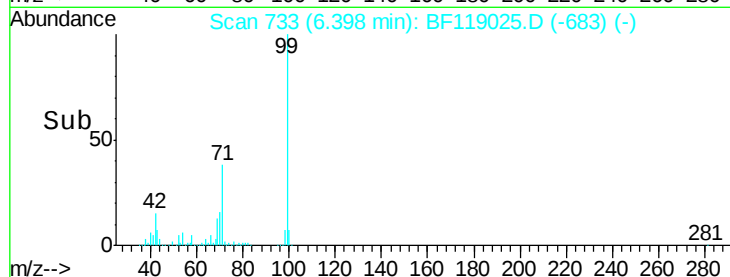
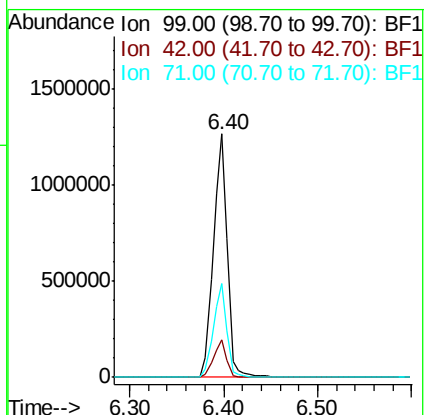
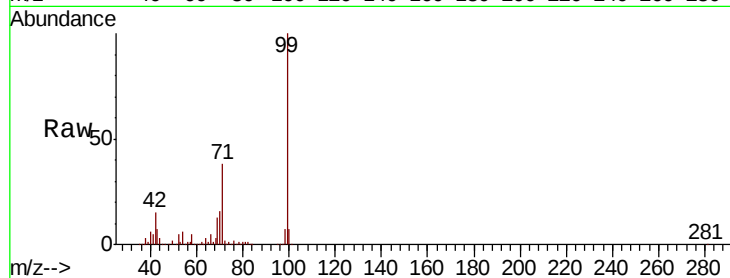
Tot Ion: 99 Resp: 1329676

Ion Ratio Lower Upper

99 100

42 15.2 11.4 17.0

71 38.4 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.511 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Tgt Ion: 70 Resp: 119103

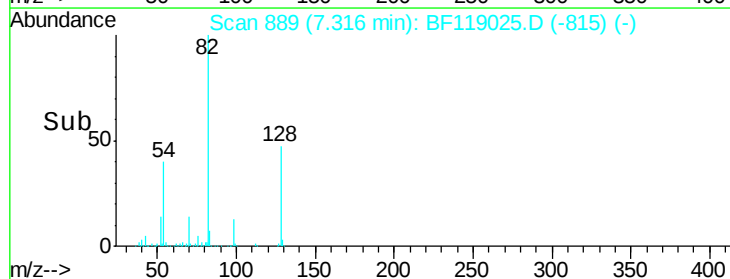
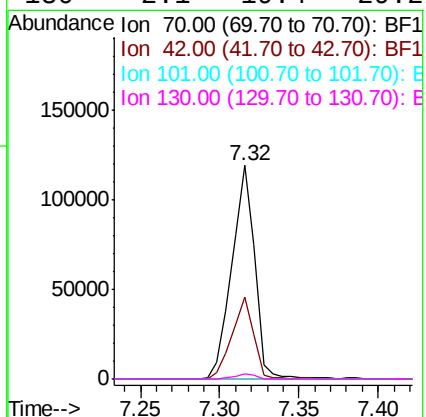
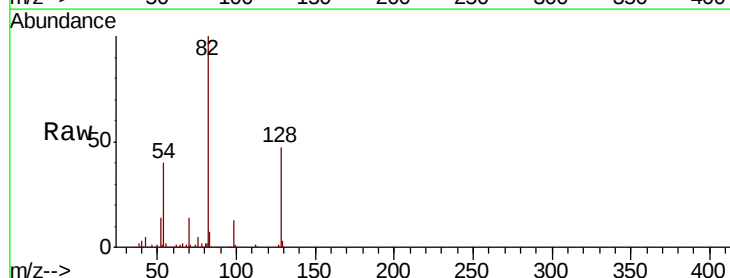
Ion Ratio Lower Upper

70 100

42 38.2 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 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: BF119025.D

Acq: 24 Feb 2020 16:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 599660

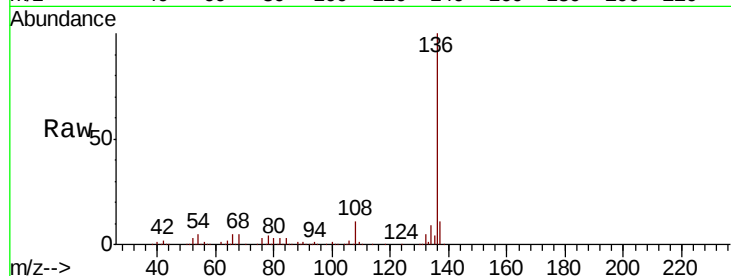
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.9 3.8 5.6

68 5.3 4.2 6.2

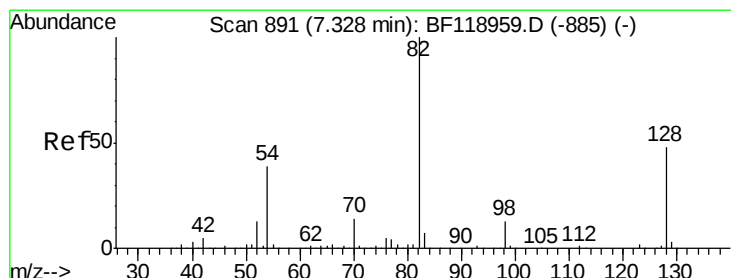
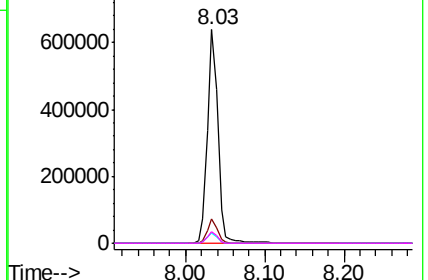
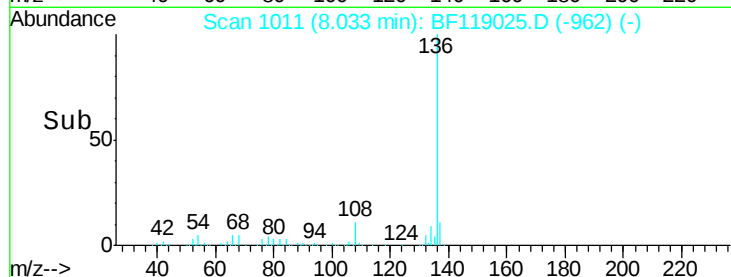


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.374 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

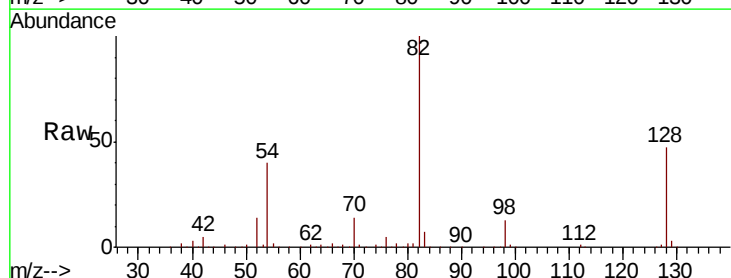
Tgt Ion: 82 Resp: 878755

Ion Ratio Lower Upper

82 100

128 47.4 38.2 57.2

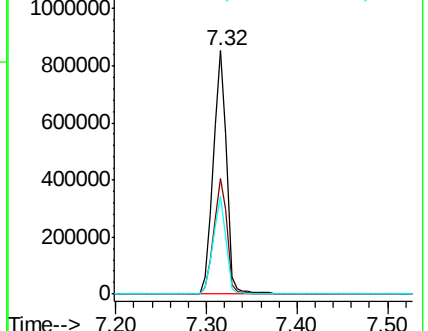
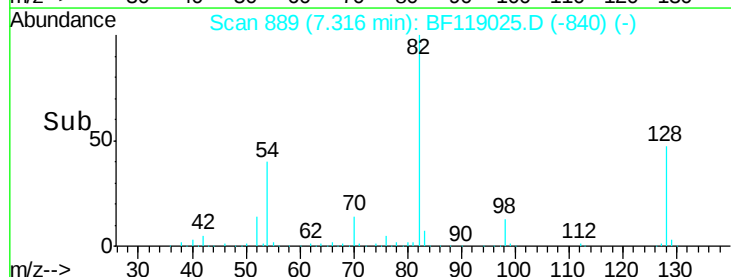
54 40.3 31.3 46.9

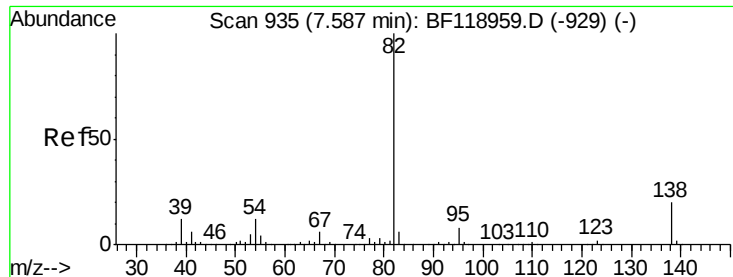


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

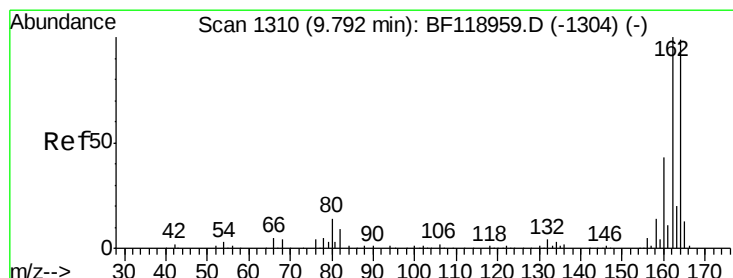
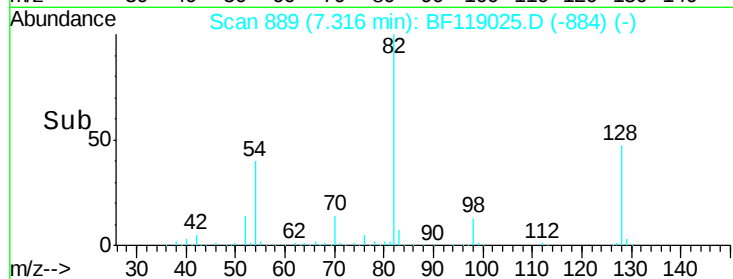
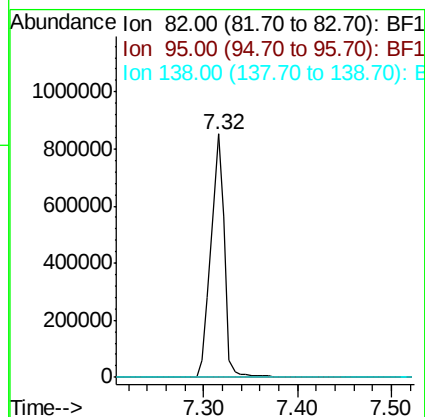
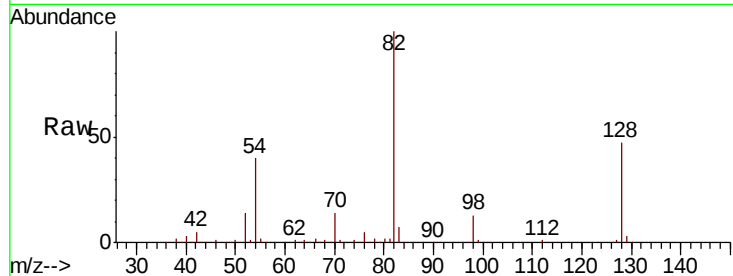




#25
Isophorone
Concen: 44.552 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

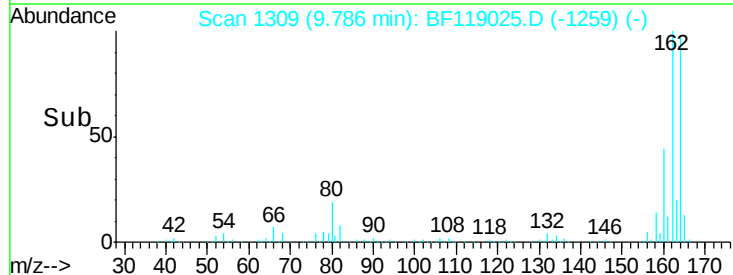
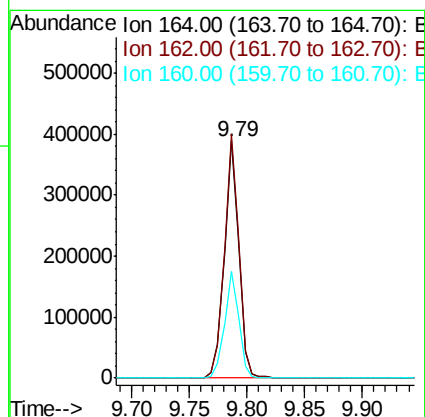
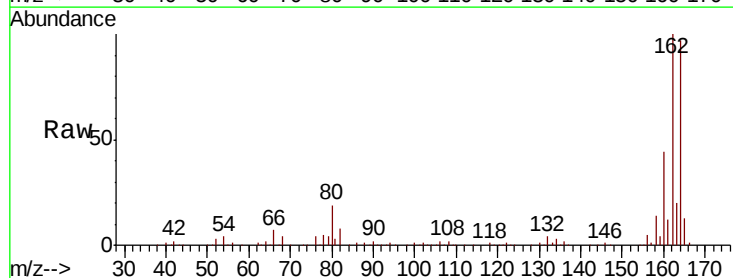
Instrument :
BNA_F
ClientSampled :

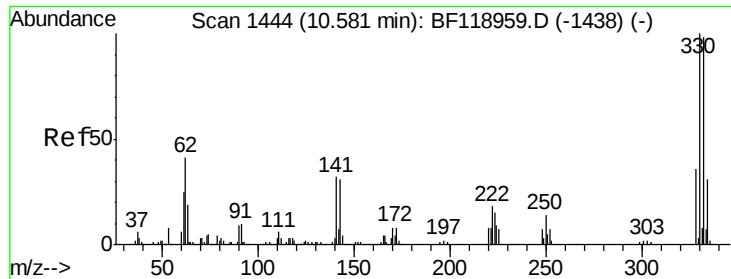
Tot Ion: 82 Resp: 878745
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Tgt Ion:164 Resp: 341163
Ion Ratio Lower Upper
164 100
162 102.9 81.2 121.8
160 45.3 35.2 52.8

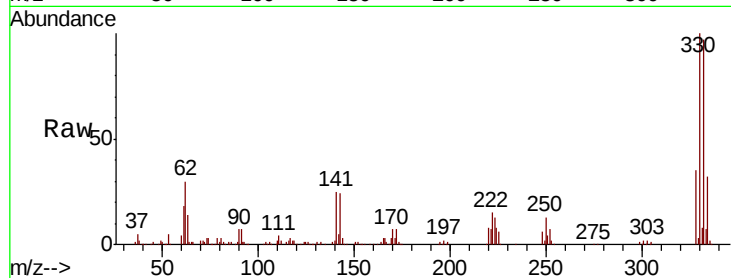




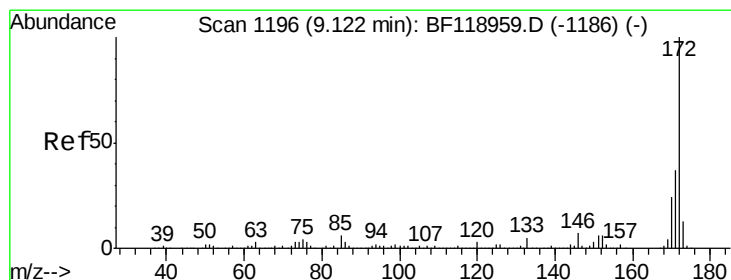
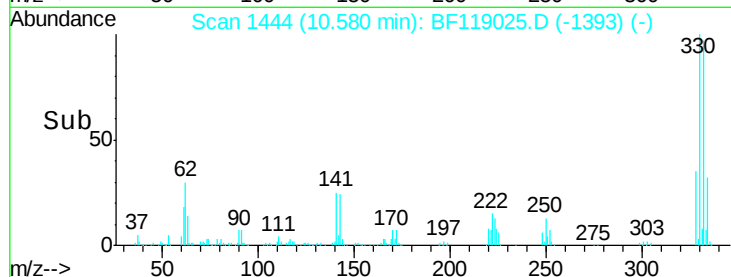
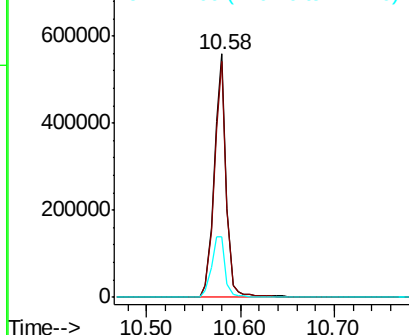
#42
 2,4,6-Tribromophenol
 Concen: 113.792 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119025.D
 Acq: 24 Feb 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	28.6	23.0	34.6

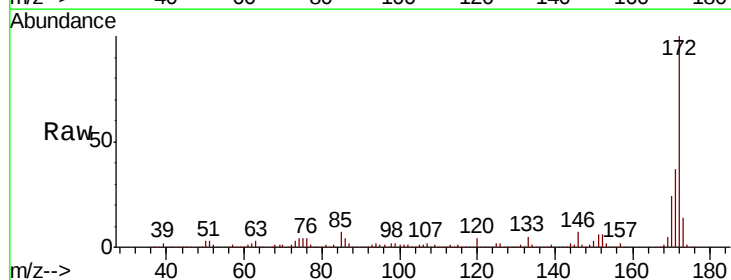


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

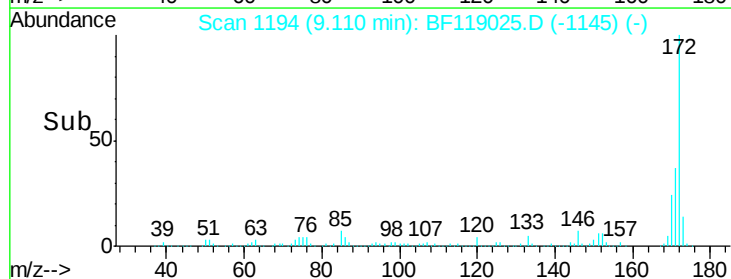
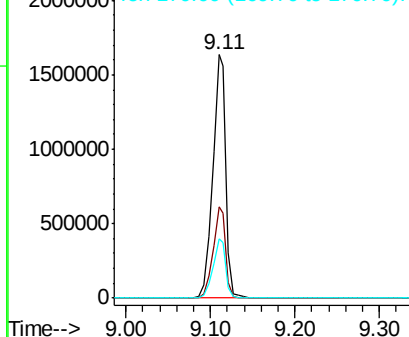


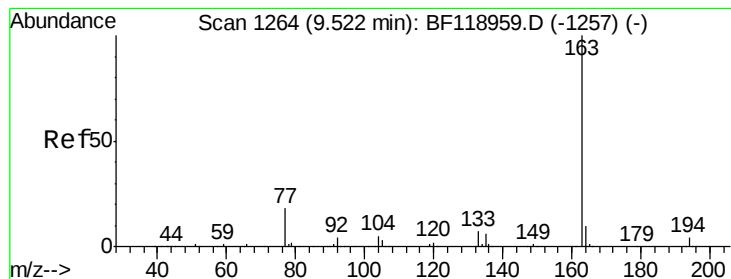
#45
 2-Fluorobiphenyl
 Concen: 77.643 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119025.D
 Acq: 24 Feb 2020 16:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.2	19.6	29.4



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: 2.667 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.26 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Instrument :

BNA_F

ClientSampled :

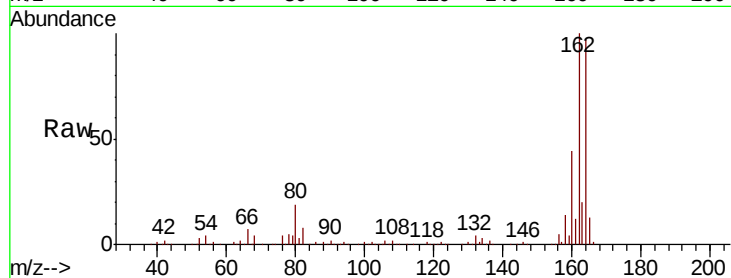
Tot Ion:163 Resp: 69586

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

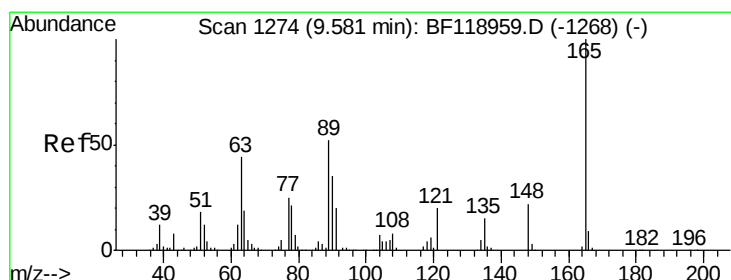
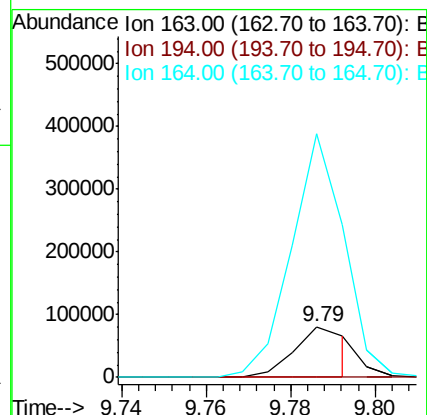
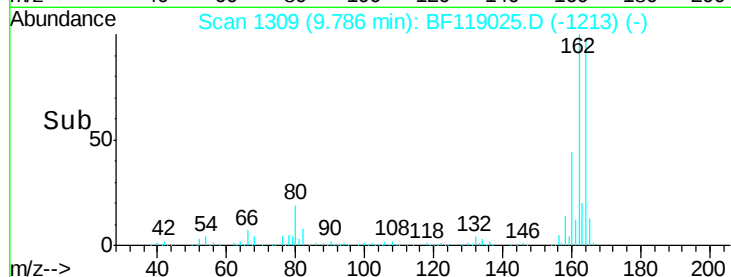
164 483.3 8.2 12.2#



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: 7.708 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

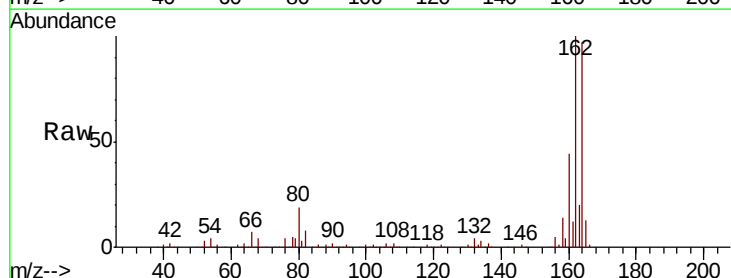
Tgt Ion:165 Resp: 44674

Ion Ratio Lower Upper

165 100

63 1.2 37.9 56.9#

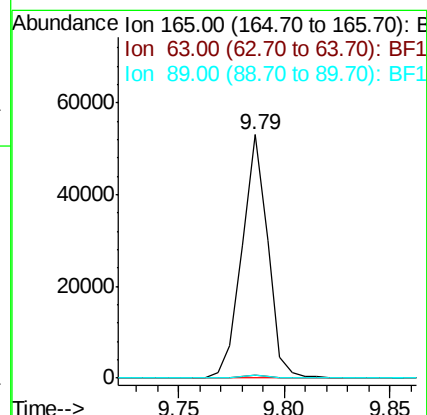
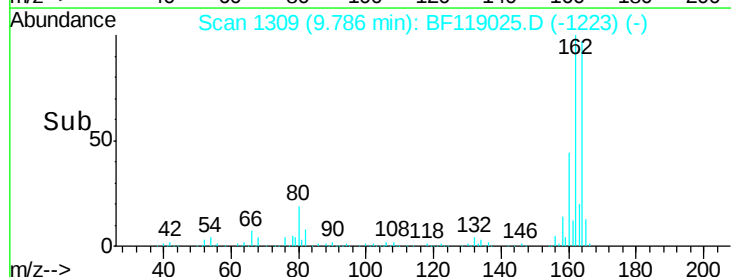
89 1.3 41.4 62.0#



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

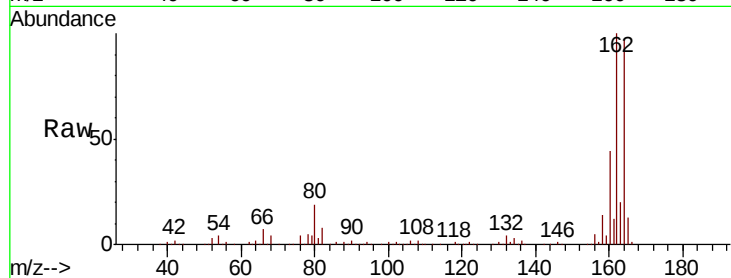




#57
2,4-Dinitrotoluene
Concen: 5.946 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.3	51.9	77.9#
182	0.0	2.3	3.5#



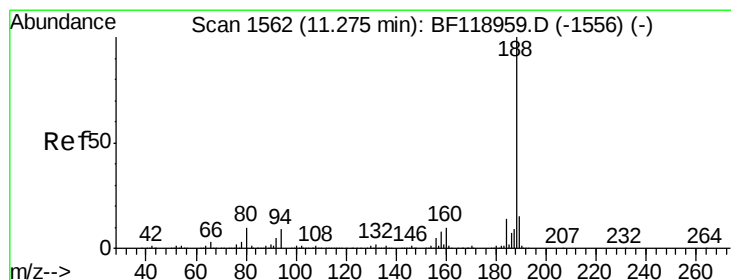
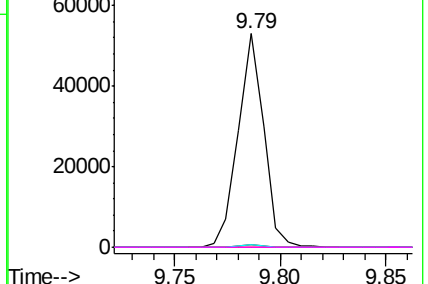
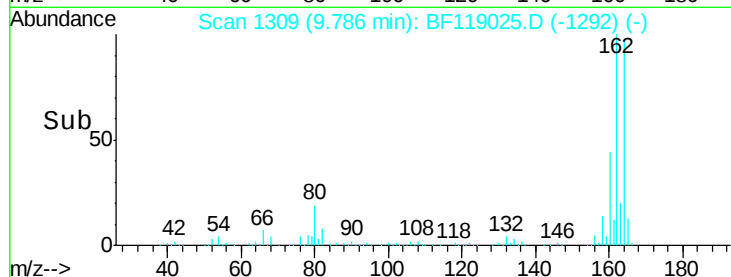
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

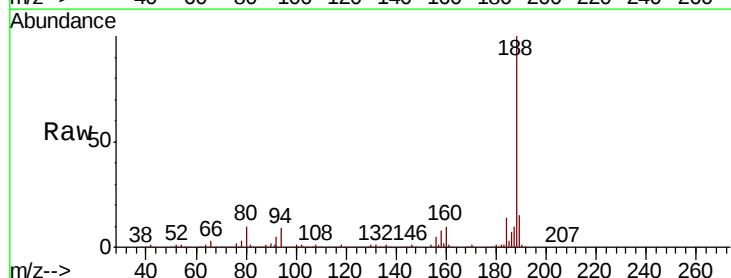
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	9.5	7.9	11.9

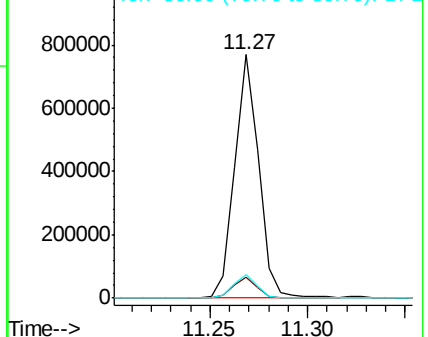
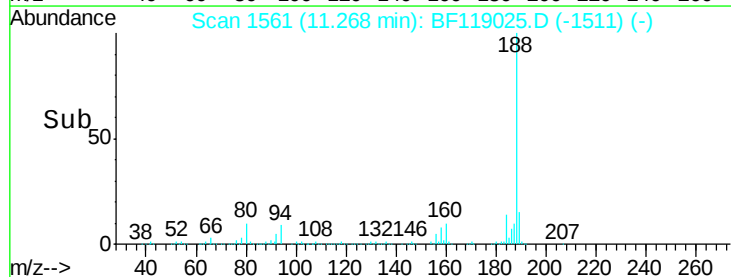


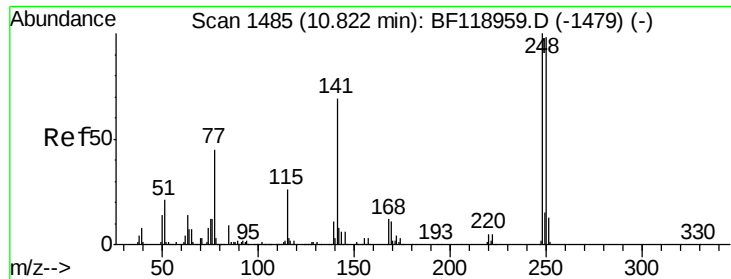
Abundance

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

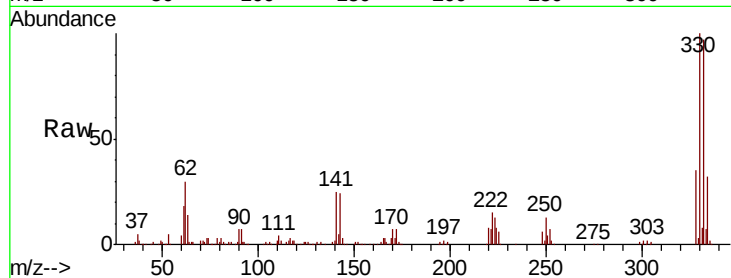




#67
4-Bromophenyl-phenylether
Concen: 3.763 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
248	100			
250	204.4	78.8	118.2#	
141	390.1	55.3	82.9#	

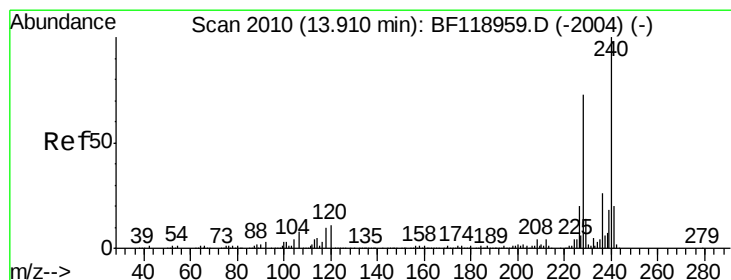
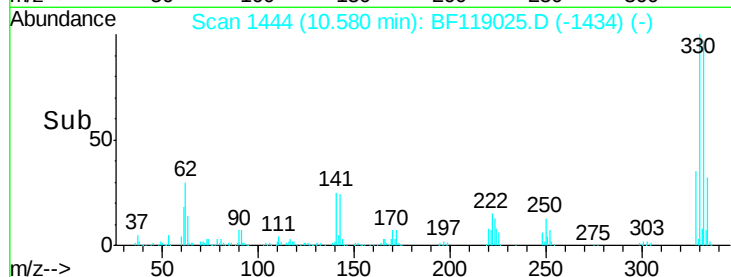
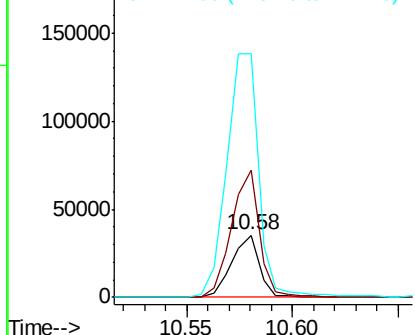


Abundance

Ion 248.00 (247.70 to 248.70): E

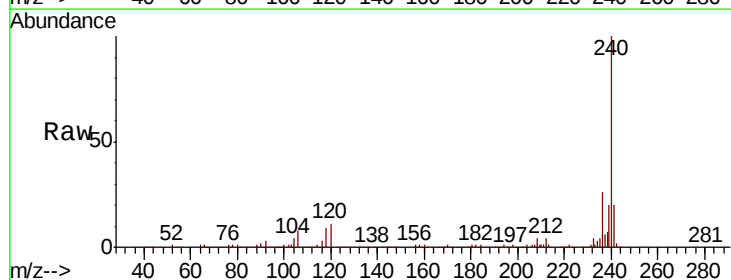
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	10.6	8.9	13.3	
236	26.3	20.6	30.8	

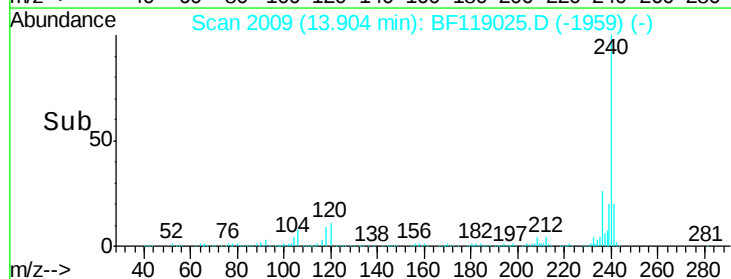
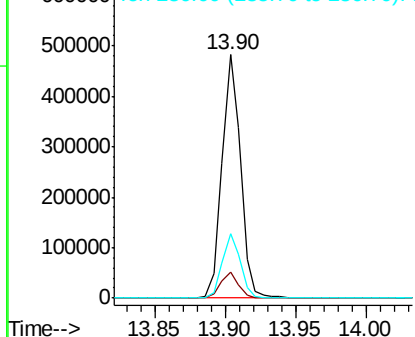


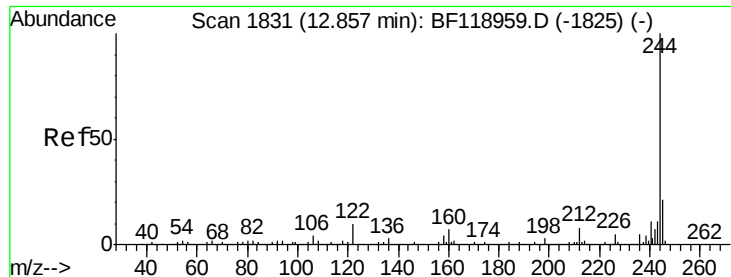
Abundance

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: 90.235 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Instrument :

BNA_F

ClientSampleId :

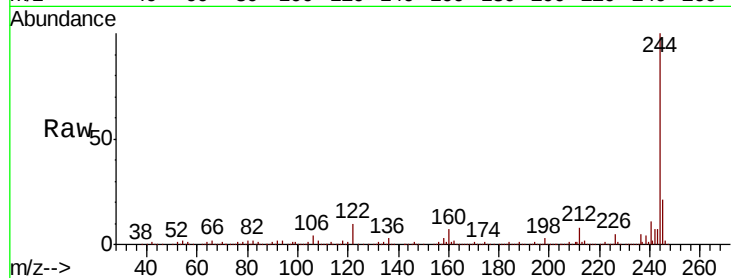
Tot Ion:244 Resp: 2308901

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

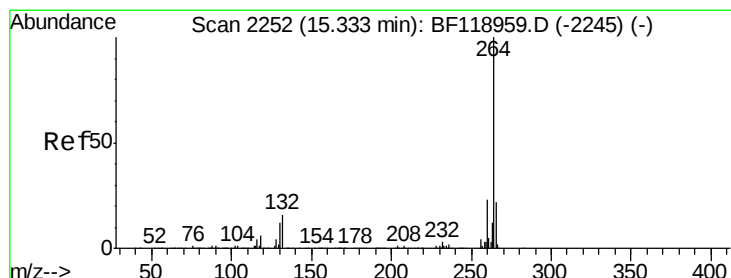
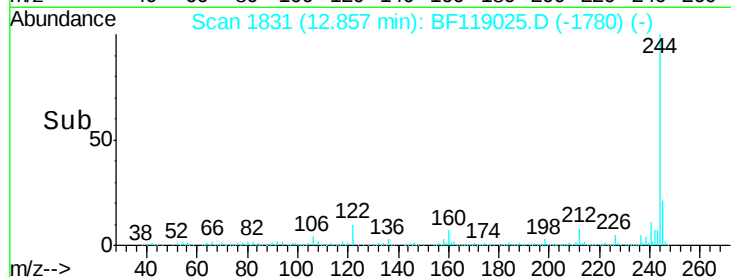
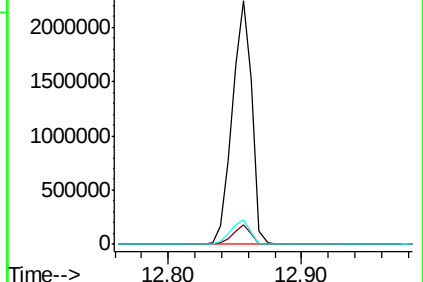
122 10.3 8.4 12.6



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: BF119025.D

Acq: 24 Feb 2020 16:08

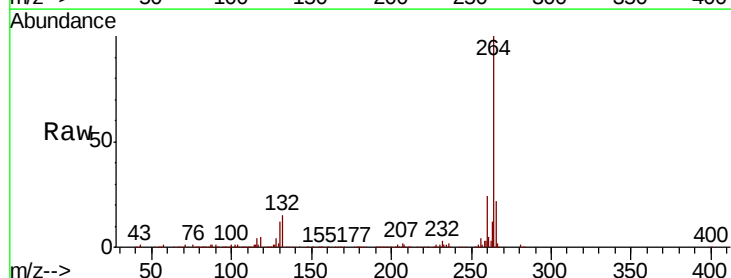
Tgt Ion:264 Resp: 371481

Ion Ratio Lower Upper

264 100

260 24.3 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

