

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119077.D
 Acq On : 25 Feb 2020 21:15
 Operator : CG/JU
 Sample : L1657-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:28:39 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

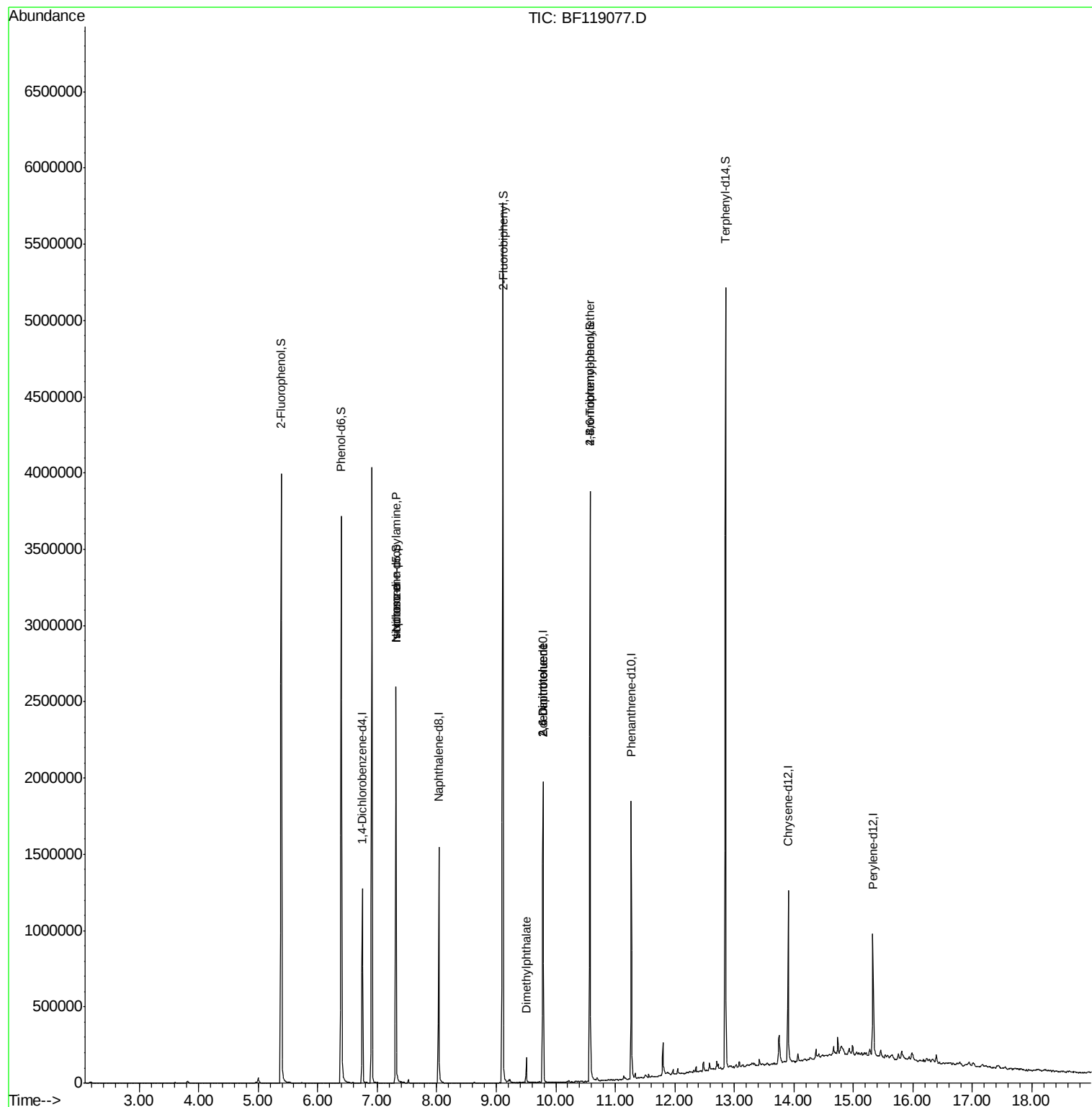
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	195547	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	752745	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	402766	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	688078	20.00	ng	0.00
76) Chrysene-d12	13.90	240	418737	20.00	ng	0.00
87) Perylene-d12	15.33	264	398198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1247507	106.61	ng	0.00
7) Phenol-d6	6.40	99	1543006	108.43	ng	0.00
23) Nitrobenzene-d5	7.32	82	1044108	73.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	530554	100.70	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1979978	72.42	ng	-0.01
79) Terphenyl-d14	12.85	244	1992090	81.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	144167	17.386	ng	# 78
25) Isophorone	7.32	82	1044101	42.170	ng	# 63
50) Dimethylphthalate	9.50	163	78942	2.563	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	52320	7.646	ng	# 29
57) 2,4-Dinitrotoluene	9.79	165	52320	5.899	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	34847	3.874	ng	# 1

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

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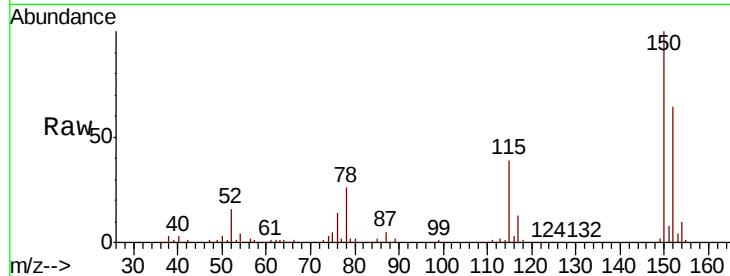


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119077.D
Acq: 25 Feb 2020 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.3	186.5
115	60.7	44.6	67.0

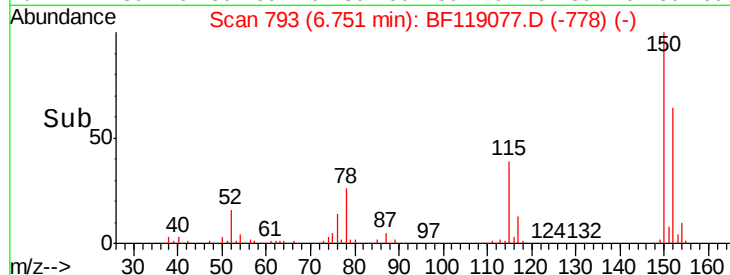
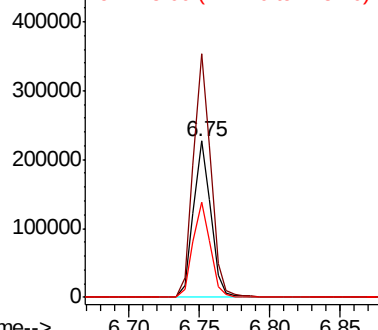


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

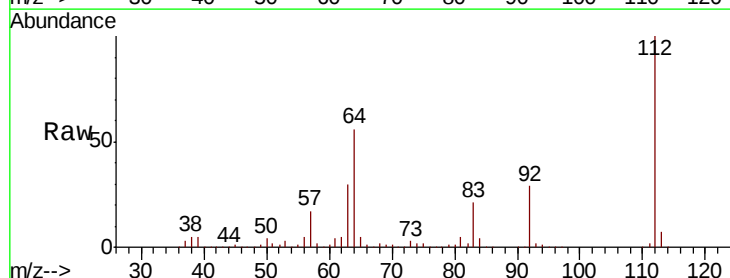
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.614 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119077.D
Acq: 25 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	40.4	60.6
63	30.3	21.3	31.9

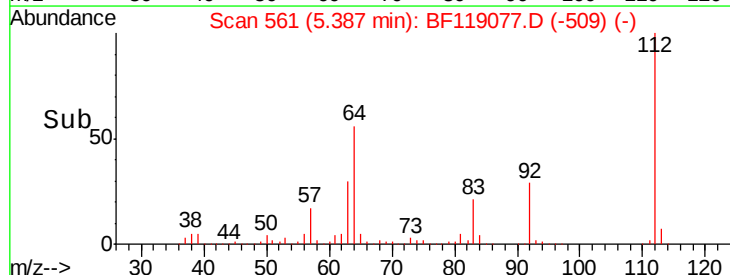
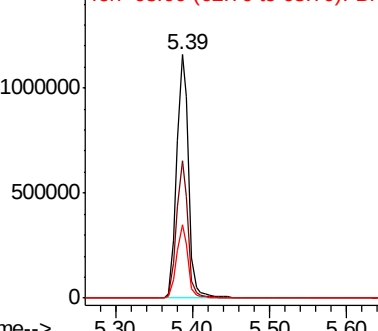


Abundance

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: 108.428 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_F

ClientSampleId :

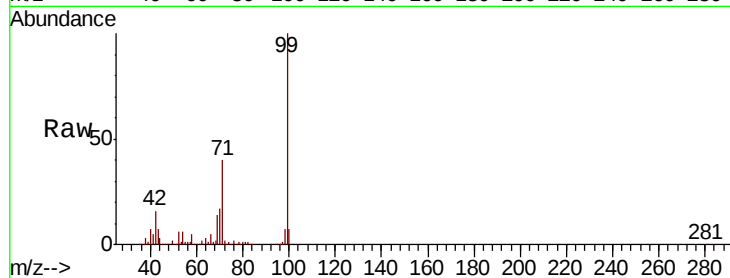
Tot Ion: 99 Resp: 1543006

Ion Ratio Lower Upper

99 100

42 16.1 11.4 17.0

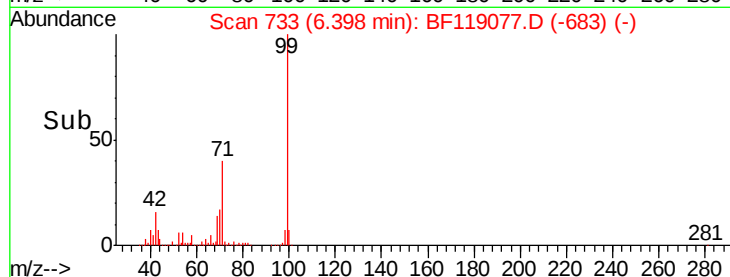
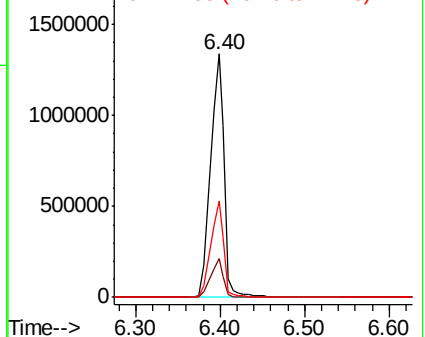
71 39.8 29.8 44.6



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: 17.386 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Tgt Ion: 70 Resp: 144167

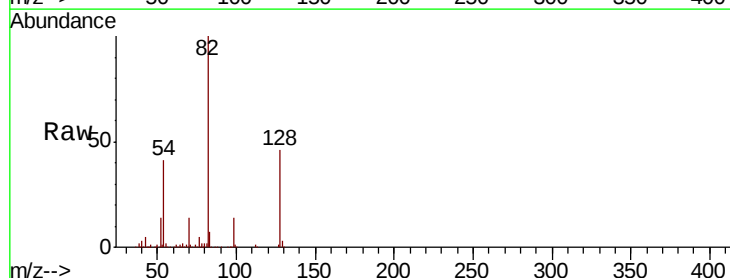
Ion Ratio Lower Upper

70 100

42 37.8 34.6 51.8

101 0.0 8.1 12.1#

130 2.5 19.4 29.2#

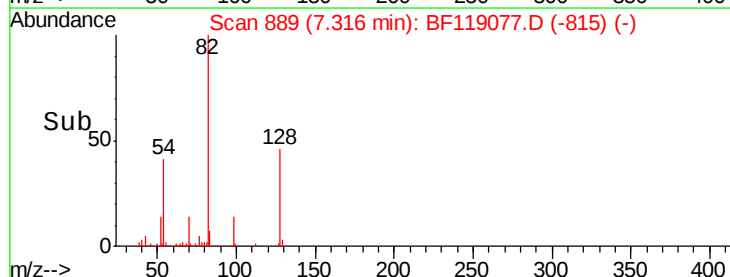
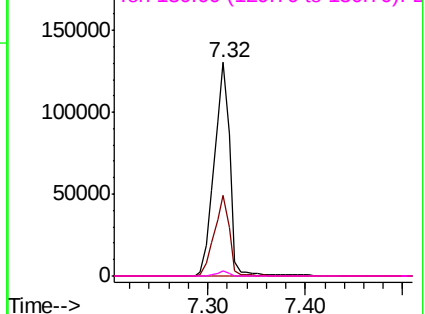


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 752745

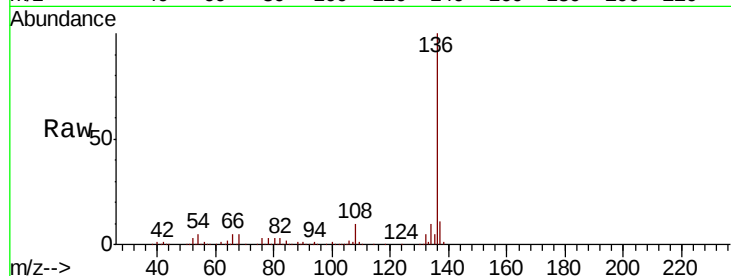
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.7 3.8 5.6

68 5.0 4.2 6.2

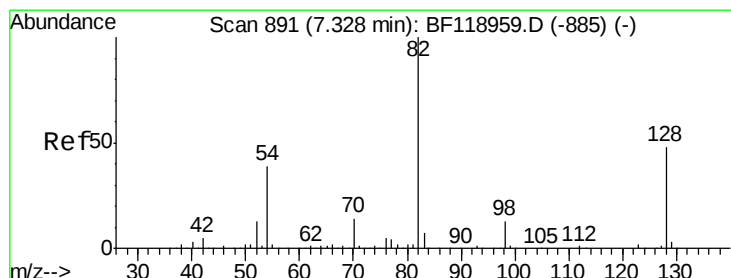
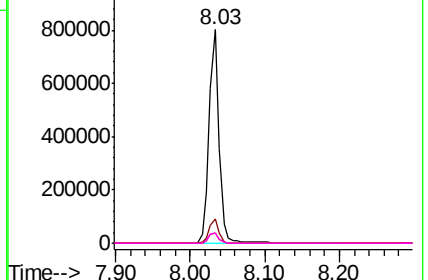
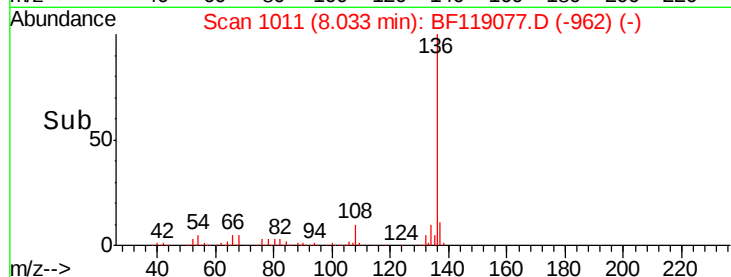


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.237 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

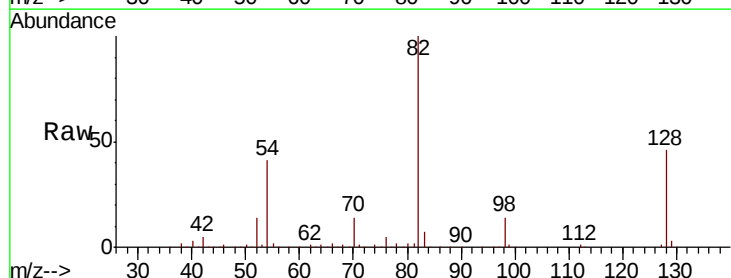
Tgt Ion: 82 Resp: 1044108

Ion Ratio Lower Upper

82 100

128 46.2 38.2 57.2

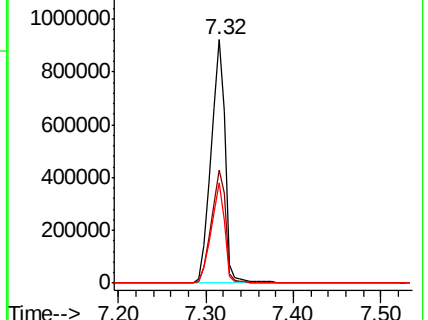
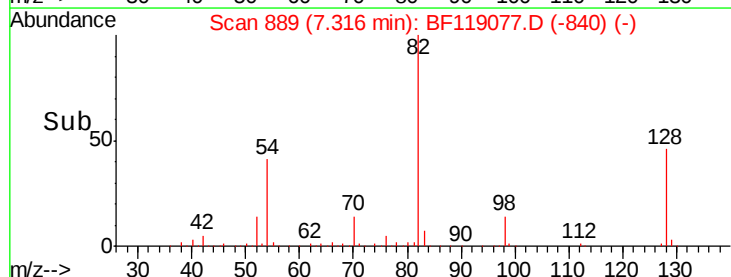
54 41.3 31.3 46.9



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: 42.170 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_F

ClientSampleId :

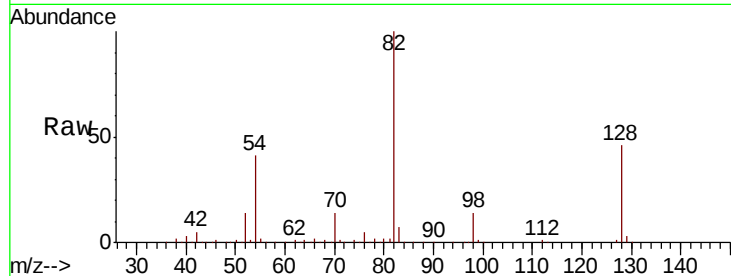
Tot Ion: 82 Resp: 1044101

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

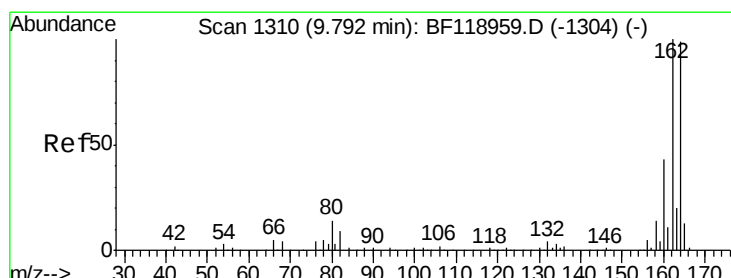
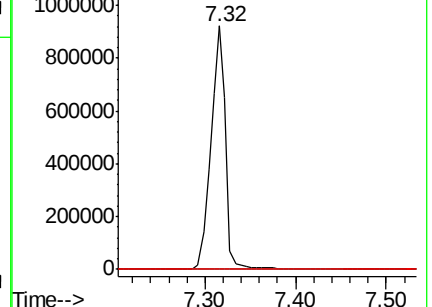
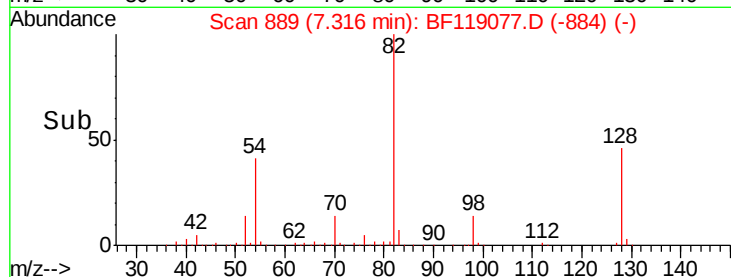
138 0.0 15.8 23.6#



Abundance Ion 82.00 (81.70 to 82.70): BF119077.D (-884) (-)

Ion 95.00 (94.70 to 95.70): BF119077.D (-884) (-)

Ion 138.00 (137.70 to 138.70): BF119077.D (-884) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

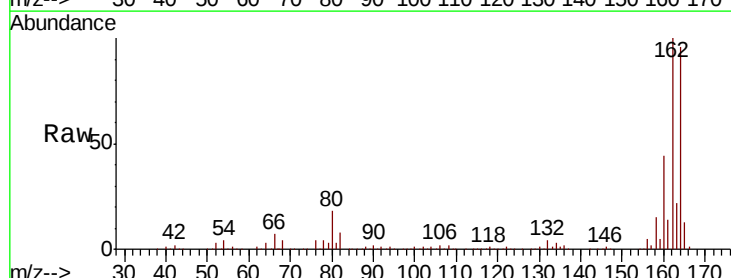
Tgt Ion: 164 Resp: 402766

Ion Ratio Lower Upper

164 100

162 104.4 81.2 121.8

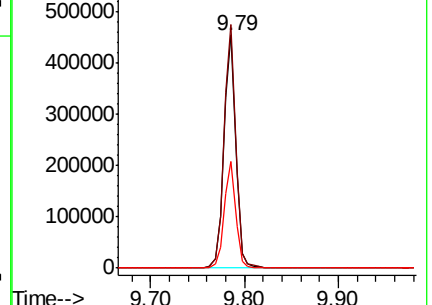
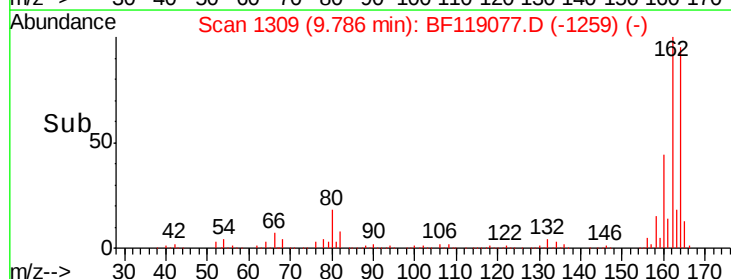
160 45.6 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): BF119077.D (-1259) (-)

Ion 162.00 (161.70 to 162.70): BF119077.D (-1259) (-)

Ion 160.00 (159.70 to 160.70): BF119077.D (-1259) (-)

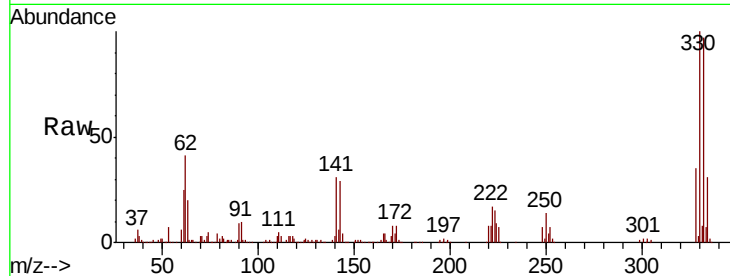




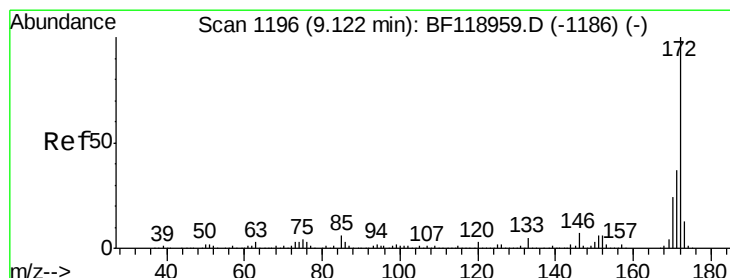
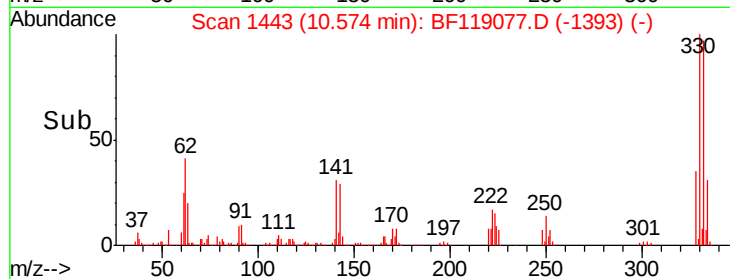
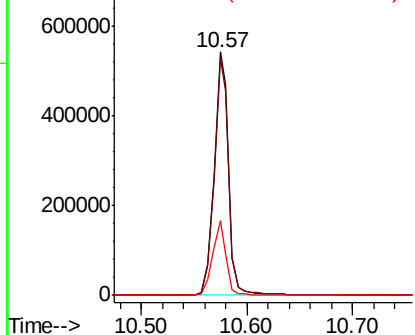
#42
 2,4,6-Tribromophenol
 Concen: 100.696 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119077.D
 Acq: 25 Feb 2020 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	29.3	23.0	34.6

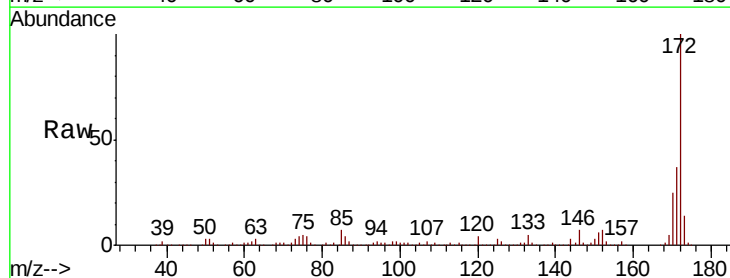


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

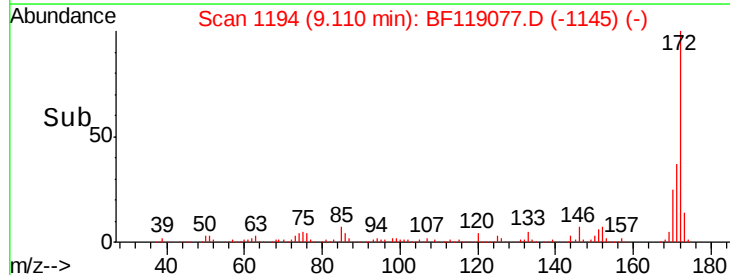
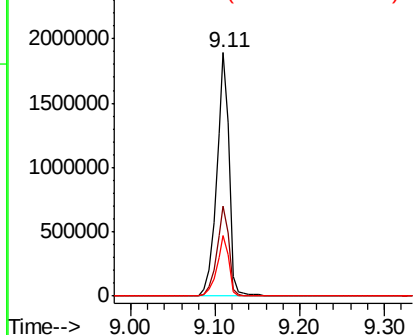


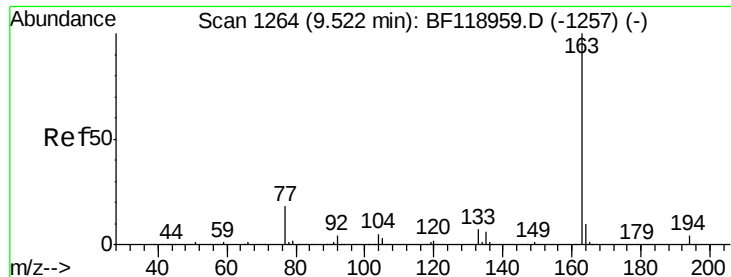
#45
 2-Fluorobiphenyl
 Concen: 72.420 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119077.D
 Acq: 25 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.8	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

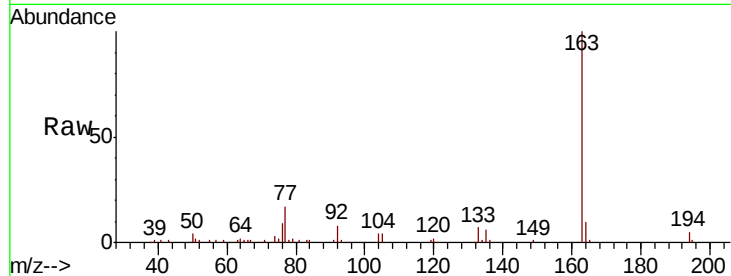




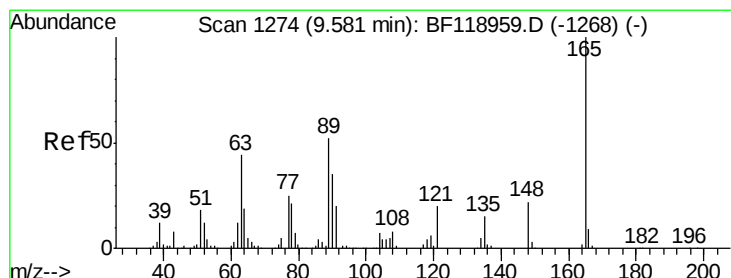
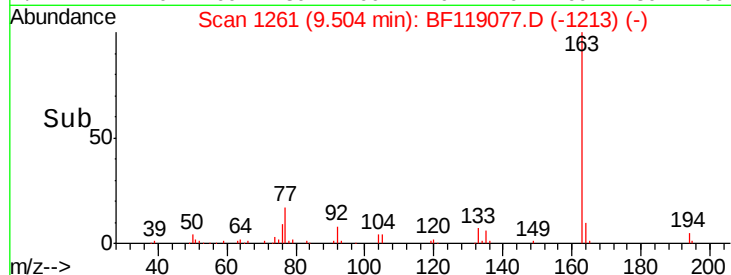
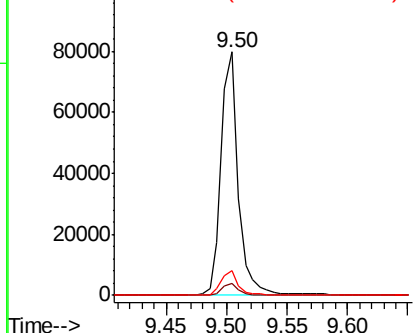
#50
Dimethylphthalate
Concen: 2.563 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119077.D
Acq: 25 Feb 2020 21:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 78942
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.1 8.2 12.2

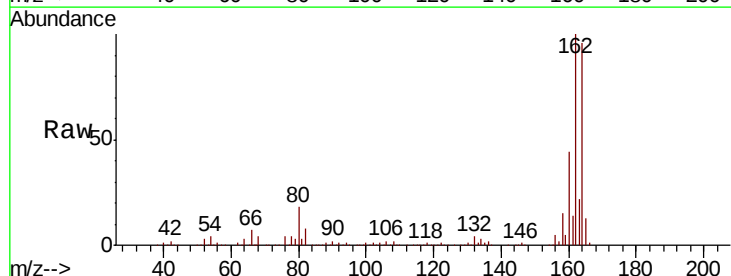


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

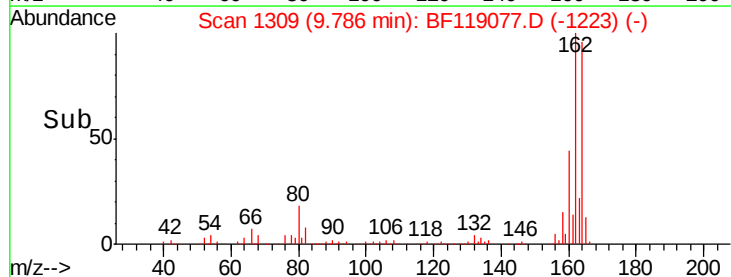
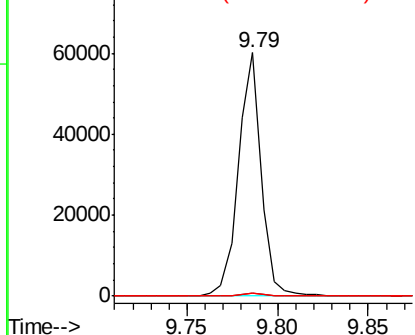


#51
2,6-Dinitrotoluene
Concen: 7.646 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119077.D
Acq: 25 Feb 2020 21:15

Tgt Ion:165 Resp: 52320
Ion Ratio Lower Upper
165 100
63 1.1 37.9 56.9#
89 1.1 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

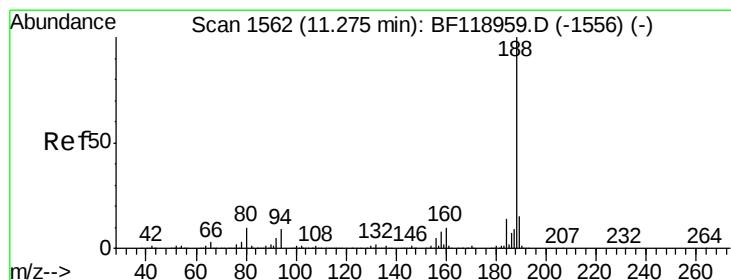
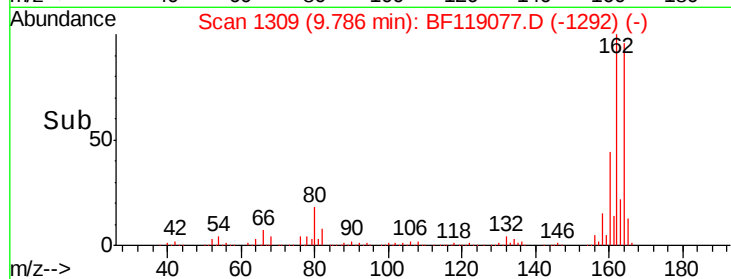
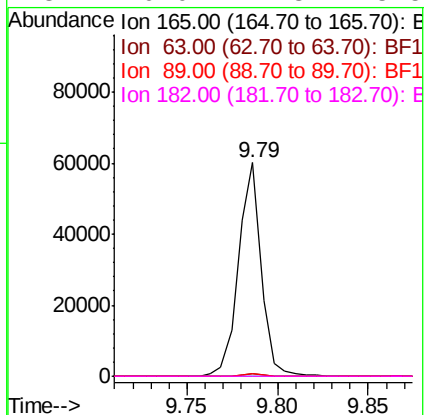
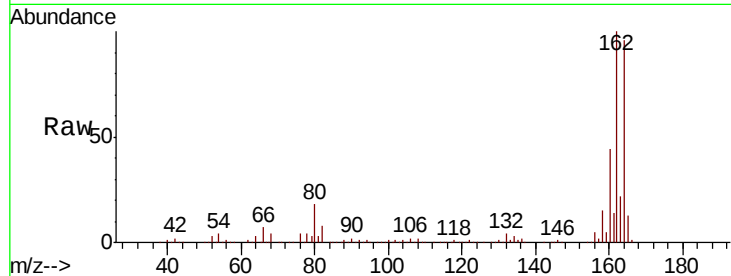




#57
 2,4-Dinitrotoluene
 Concen: 5.899 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119077.D
 Acq: 25 Feb 2020 21:15

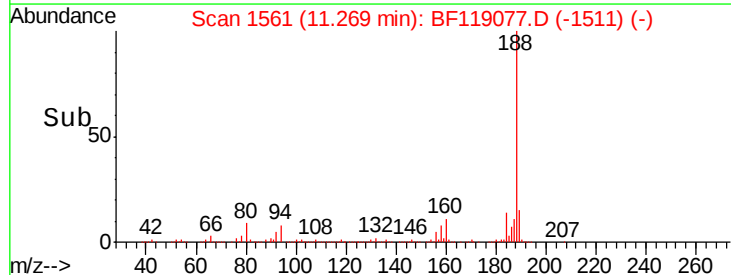
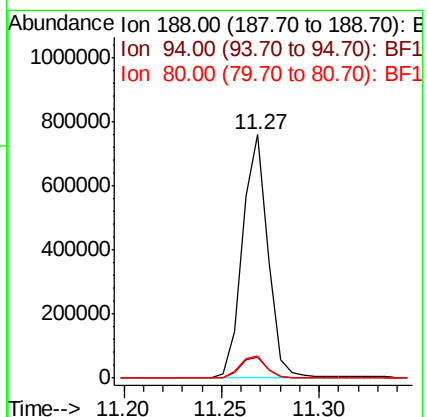
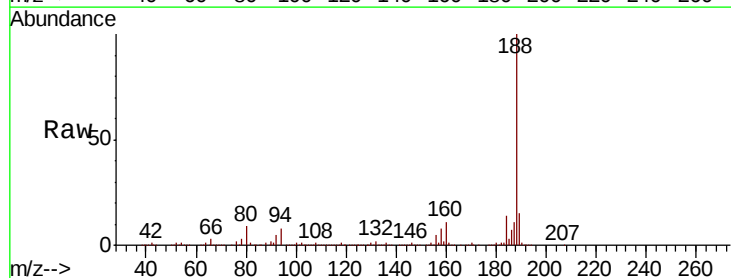
Instrument :
 BNA_F
 ClientSampleId :

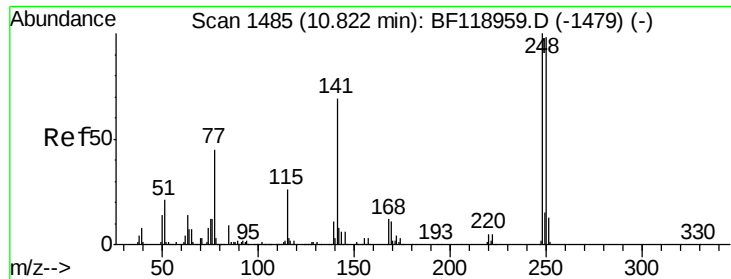
Tot Ion:165	Resp:	52320
Ion Ratio	Lower	Upper
165	100	
63	1.1	29.8 44.8#
89	1.1	51.9 77.9#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119077.D
 Acq: 25 Feb 2020 21:15

Tgt Ion:188	Resp:	688078
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.0 10.6
80	9.3	7.9 11.9

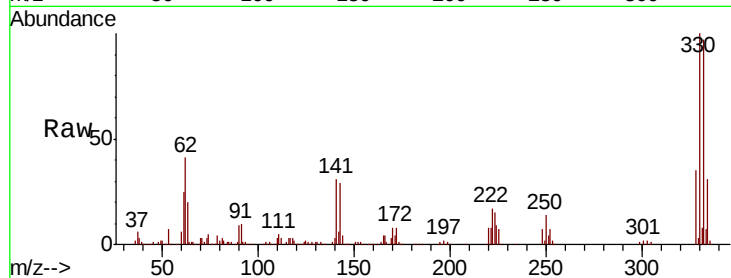




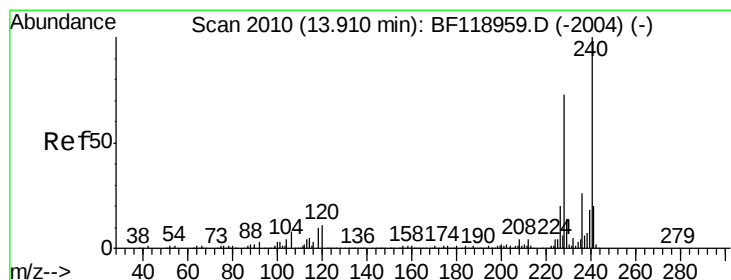
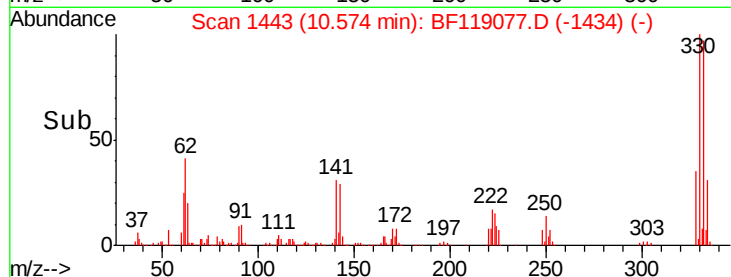
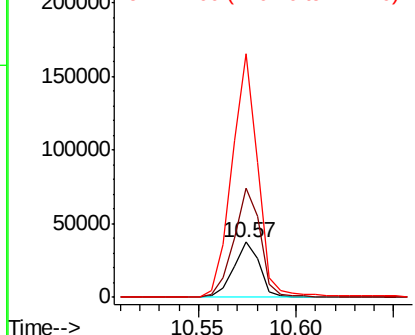
#67
 4-Bromophenyl-phenylether
 Concen: 3.874 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119077.D
 Acq: 25 Feb 2020 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 34847
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.8 118.2#
 141 441.2 55.3 82.9#

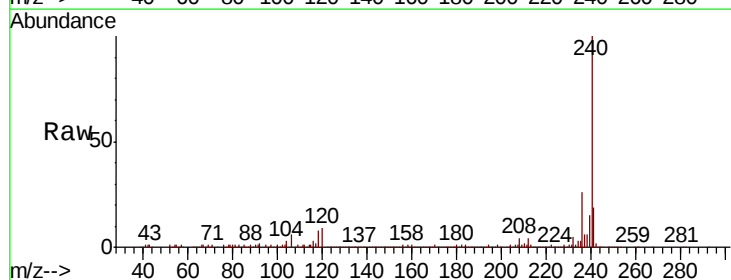


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

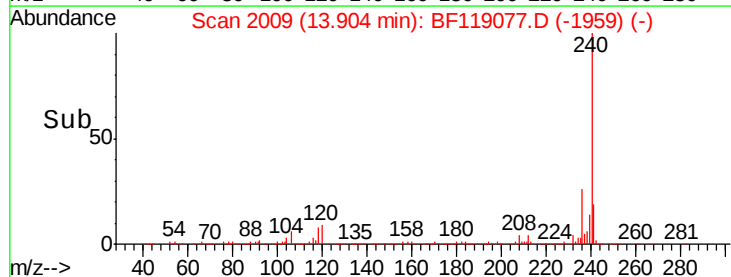
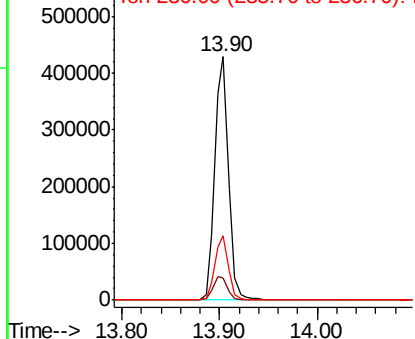


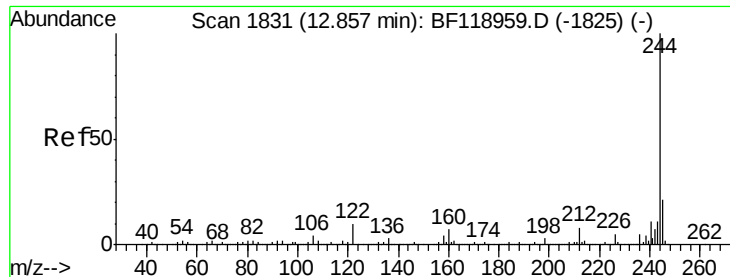
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119077.D
 Acq: 25 Feb 2020 21:15

Tgt Ion:240 Resp: 418737
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.9 13.3
 236 26.2 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: 81.907 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_F

ClientSampleId :

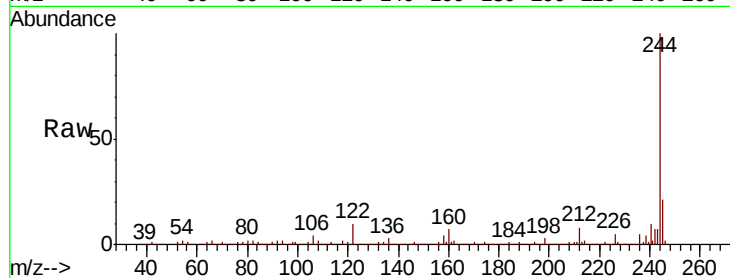
Tot Ion:244 Resp: 1992090

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

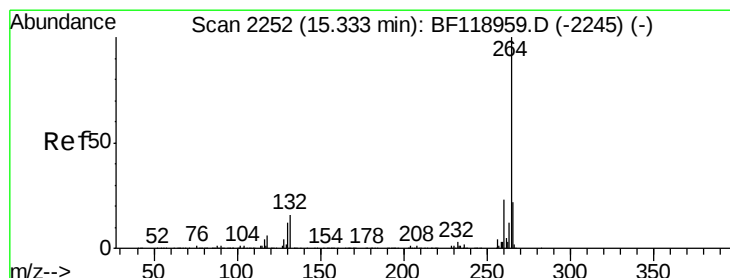
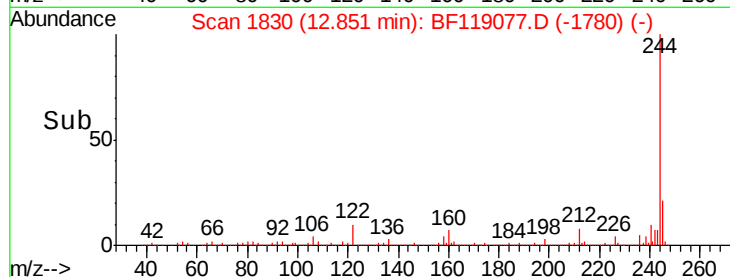
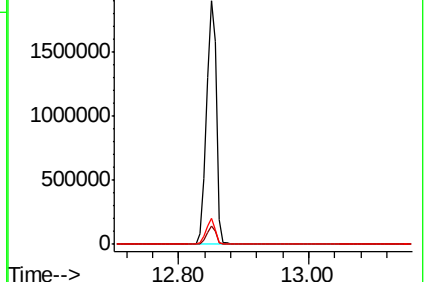
122 10.5 8.4 12.6



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# 2251

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

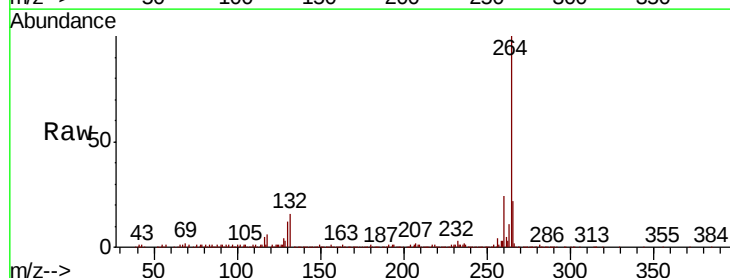
Tgt Ion:264 Resp: 398198

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.6 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

