

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119177.D
 Acq On : 2 Mar 2020 19:22
 Operator : CG/JU
 Sample : L1740-04 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:21:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

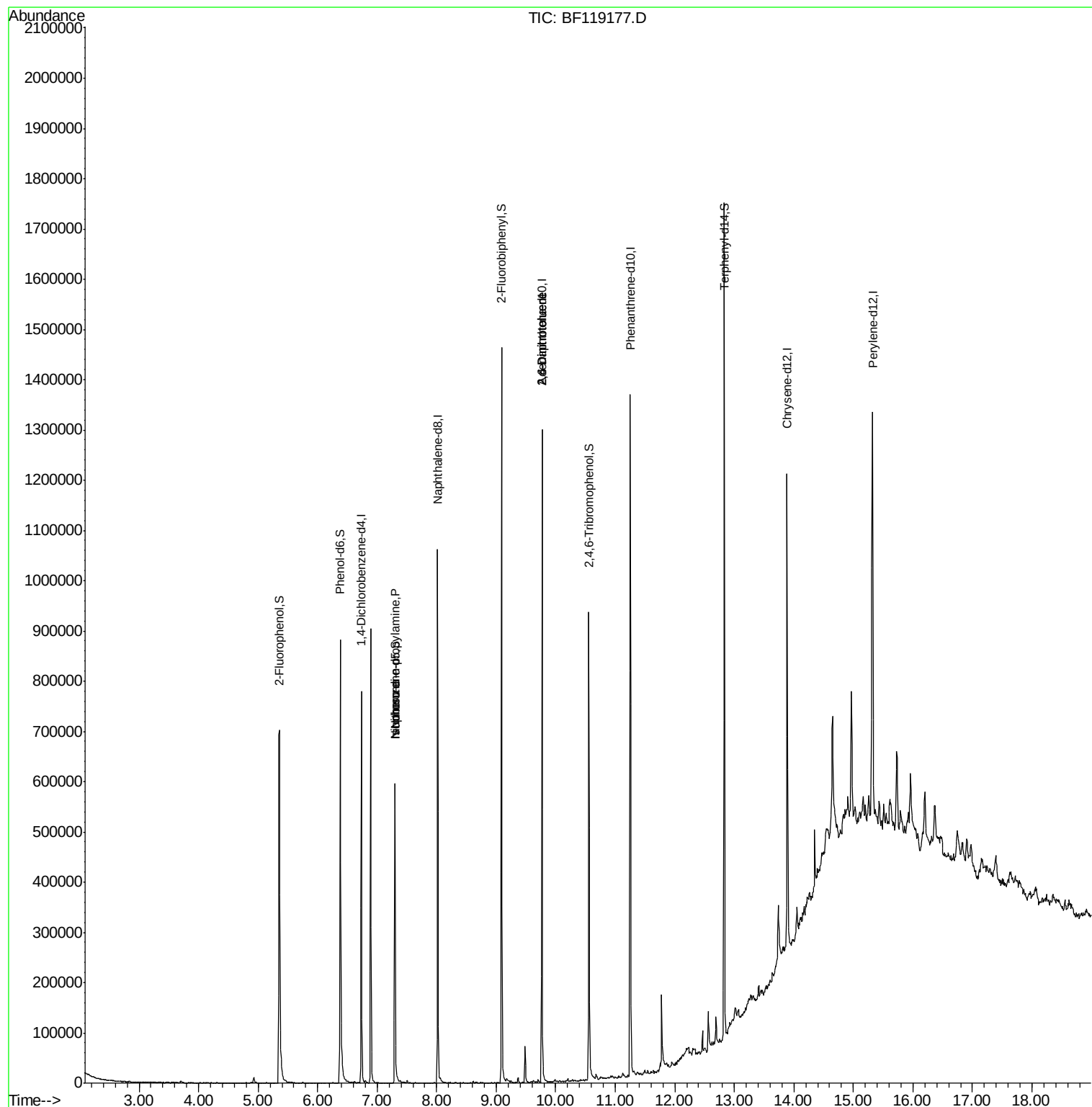
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	114350	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	460982	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	259814	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	474981	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	351456	20.00	ng	-0.01
87) Perylene-d12	15.32	264	320630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	275099	40.20	ng	-0.01
7) Phenol-d6	6.38	99	355755	42.75	ng	-0.02
23) Nitrobenzene-d5	7.30	82	221444	25.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	123755	36.41	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	492247	27.91	ng	-0.02
79) Terphenyl-d14	12.83	244	600439	29.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	29798	6.145	ng	# 74
25) Isophorone	7.30	82	221442	14.604	ng	# 63
51) 2,6-Dinitrotoluene	9.77	165	32880	7.449	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	32880	5.747	ng	# 21

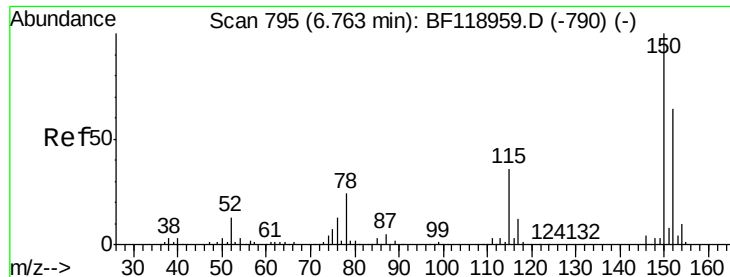
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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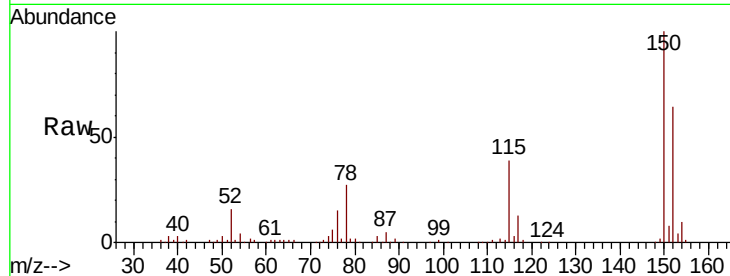


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119177.D
Acq: 2 Mar 2020 19:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	61.3	49.5	74.3

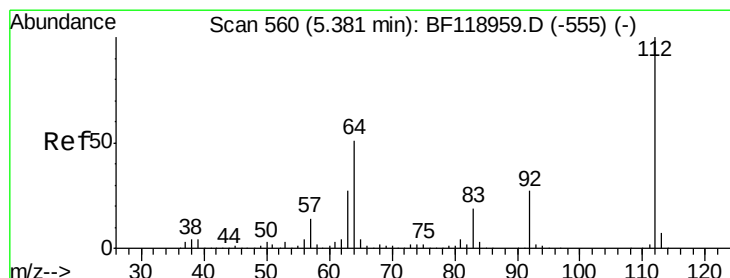
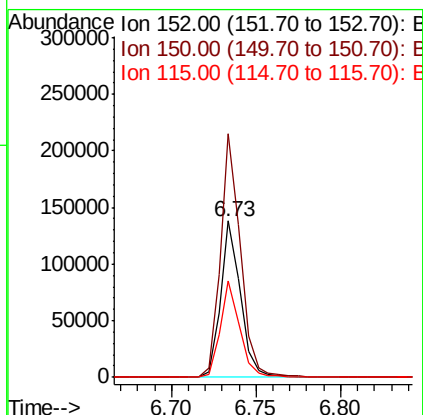
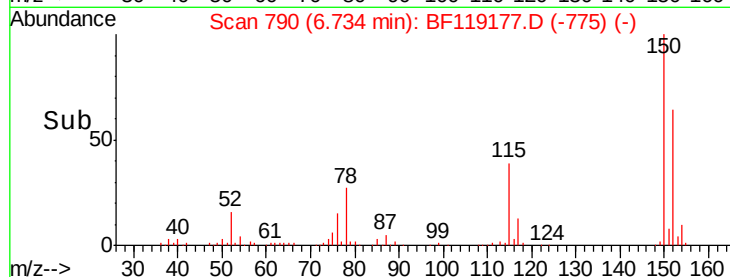


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

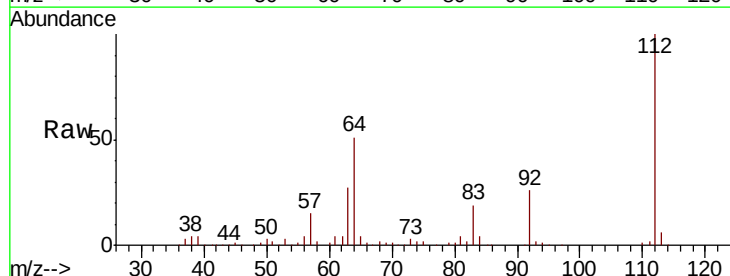
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.205 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119177.D
Acq: 2 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	45.0	67.4
63	27.2	24.2	36.4

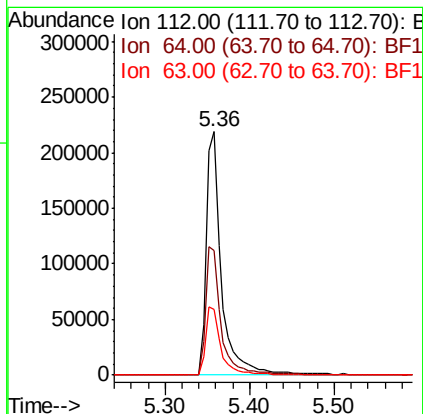
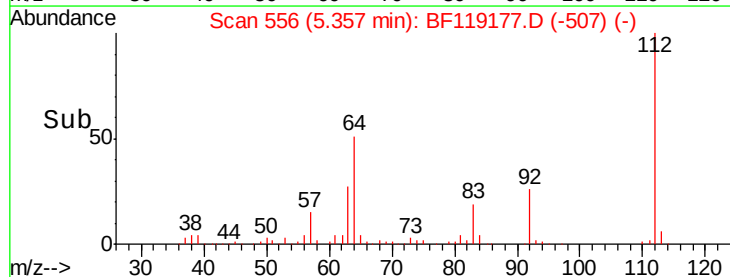


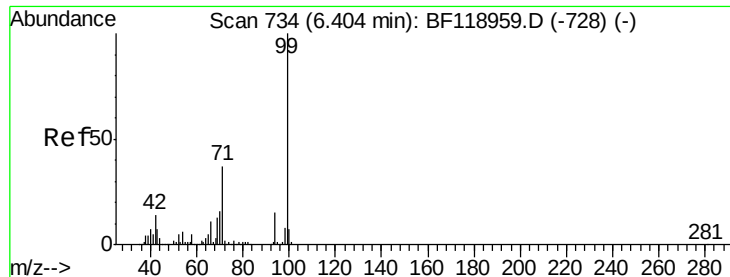
Abundance

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: 42.750 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

Instrument :

BNA_F

ClientSampleId :

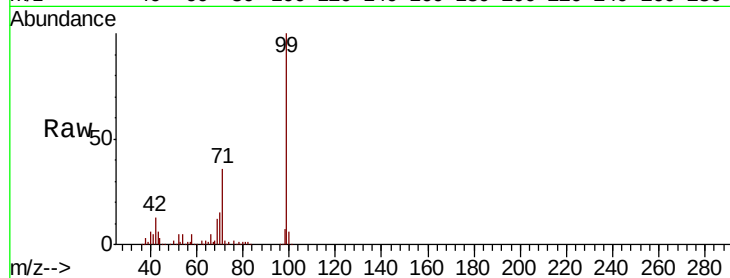
Tot Ion: 99 Resp: 355755

Ion Ratio Lower Upper

99 100

42 13.4 12.6 18.8

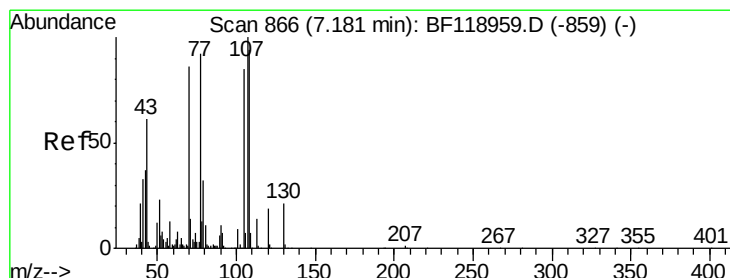
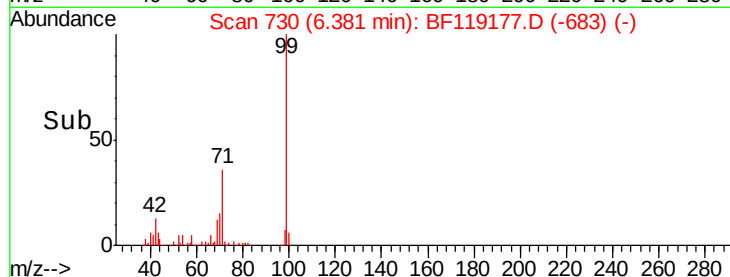
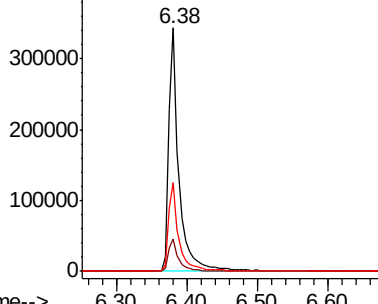
71 36.2 31.0 46.4



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: 6.145 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

Tgt Ion: 70 Resp: 29798

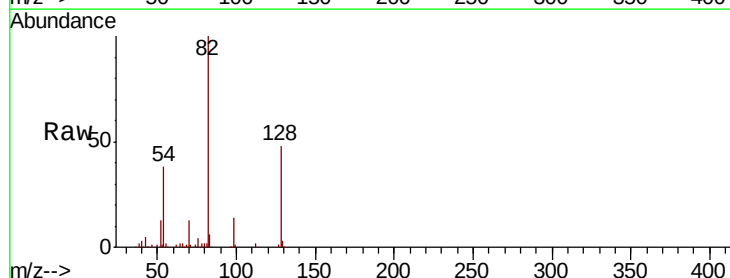
Ion Ratio Lower Upper

70 100

42 35.2 38.0 57.0#

101 0.0 8.2 12.4#

130 2.5 18.2 27.4#

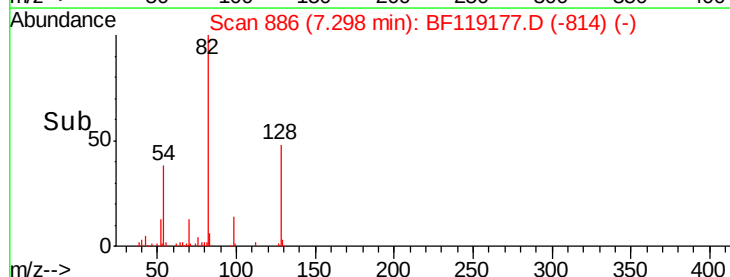
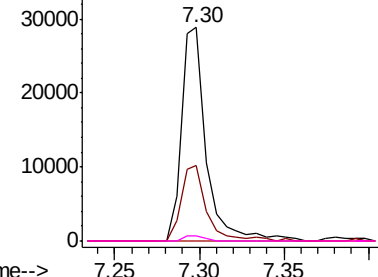


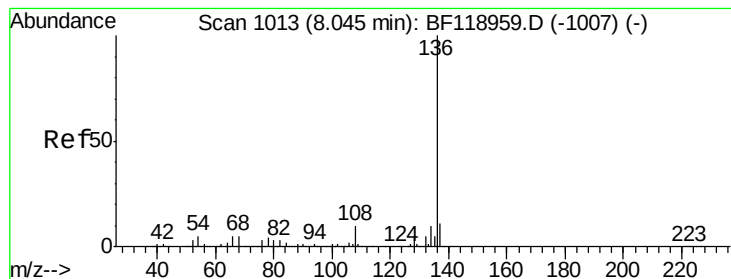
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 460982

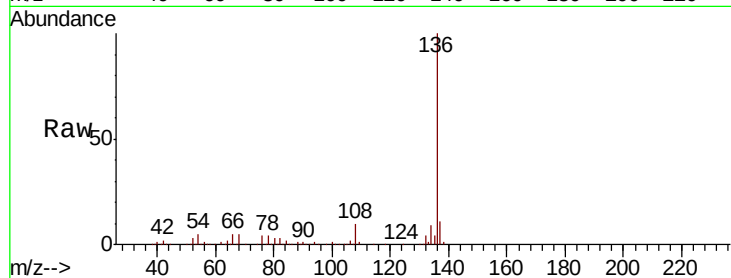
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.0 3.8 5.6

68 5.1 3.9 5.9

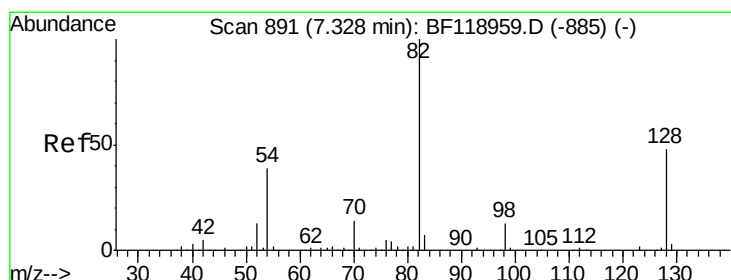
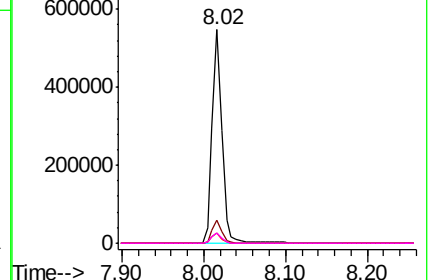
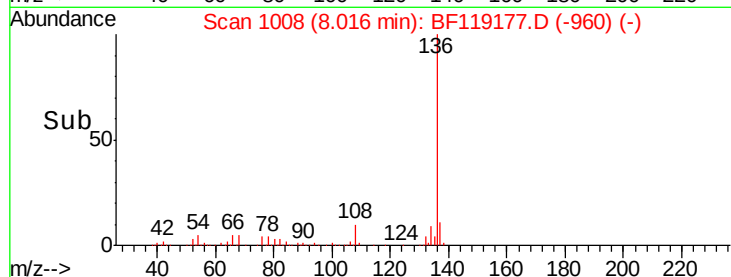


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.364 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

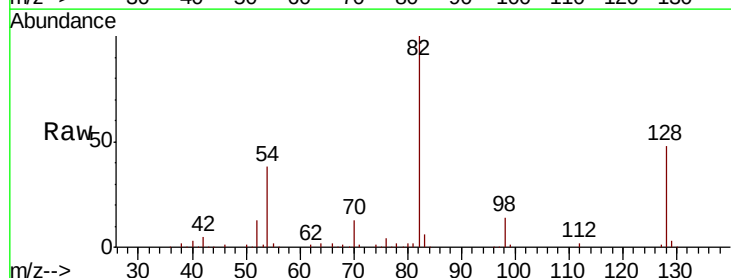
Tgt Ion: 82 Resp: 221444

Ion Ratio Lower Upper

82 100

128 48.2 37.9 56.9

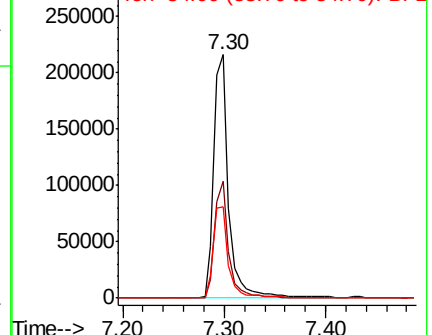
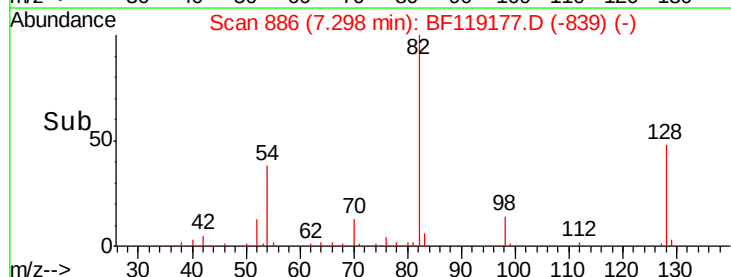
54 37.6 33.4 50.2

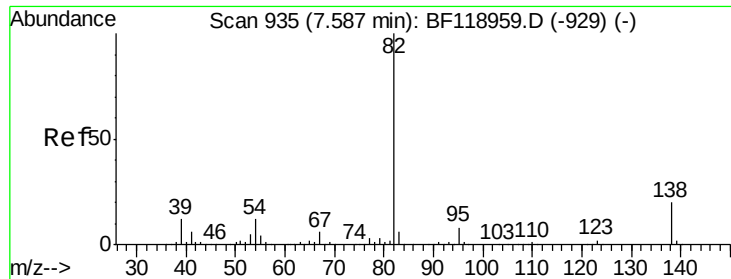


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 14.604 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

Instrument :

BNA_F

ClientSampled :

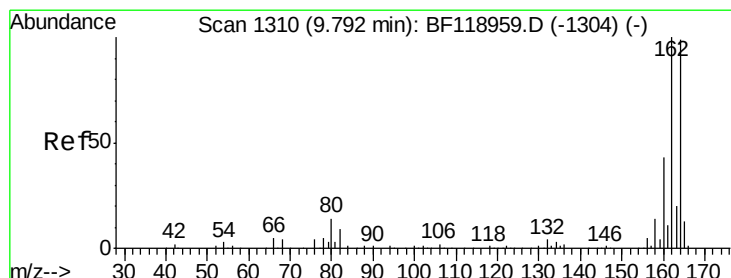
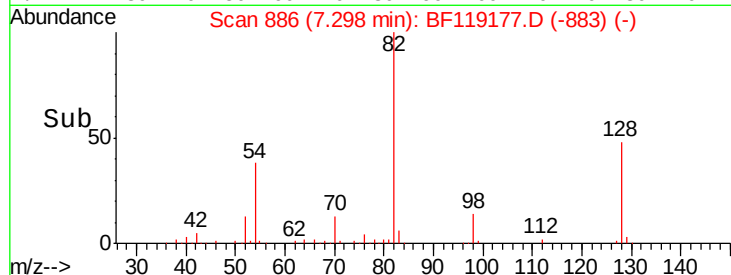
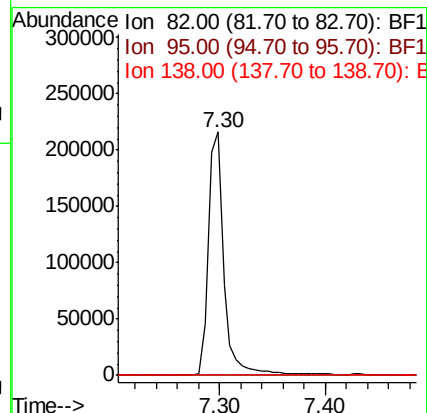
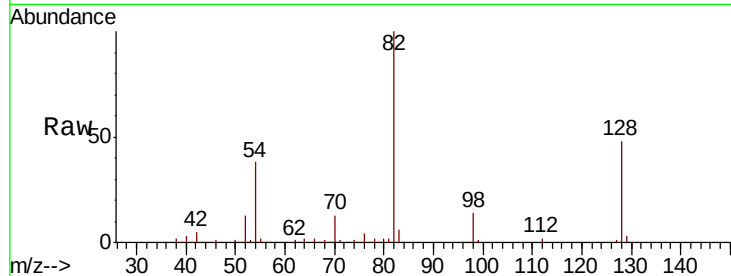
Tot Ion: 82 Resp: 221442

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

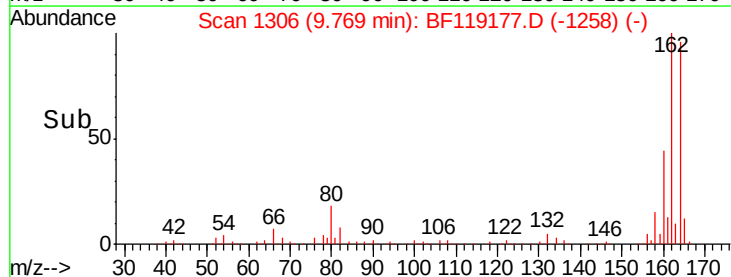
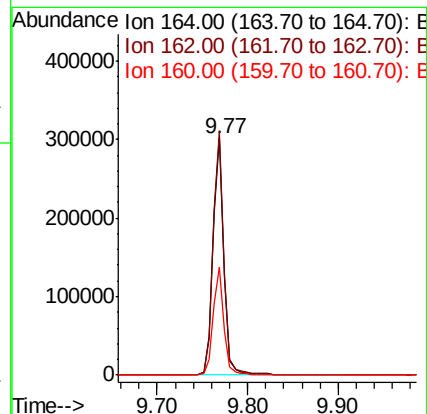
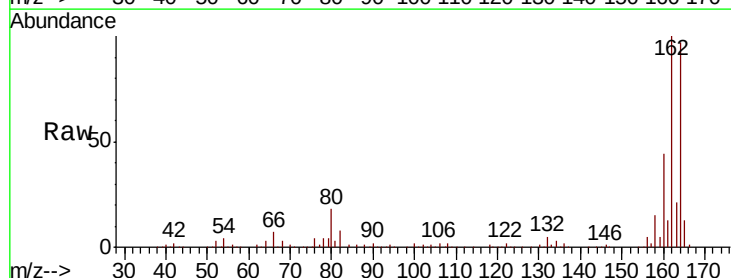
Tgt Ion: 164 Resp: 259814

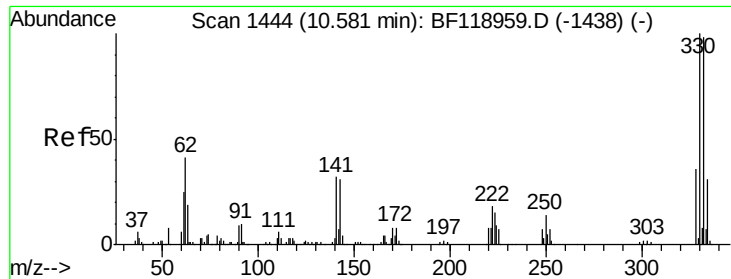
Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.8

160 45.7 36.0 54.0

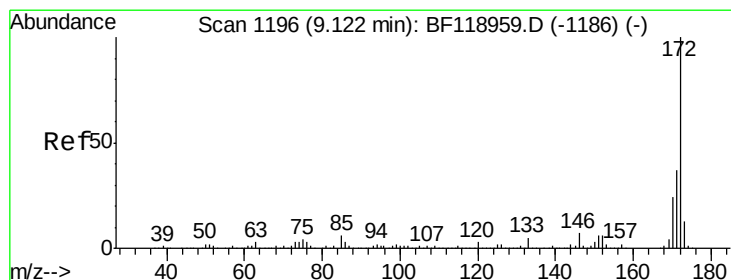
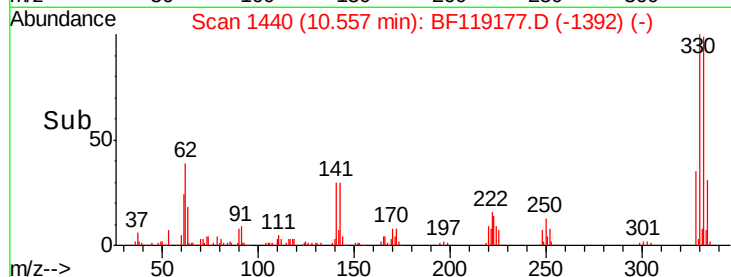
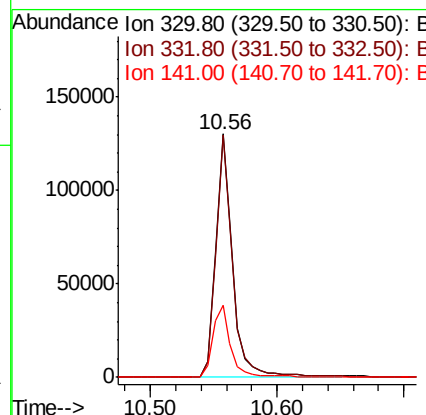
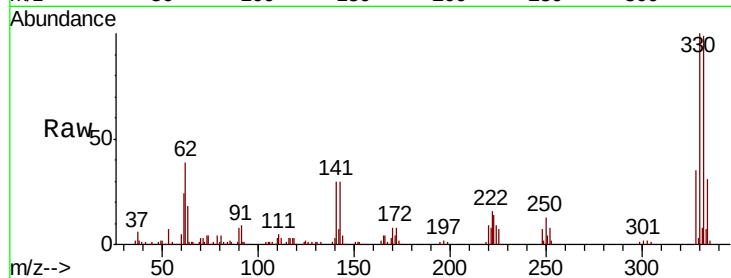




#42
 2,4,6-Tribromophenol
 Concen: 36.411 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

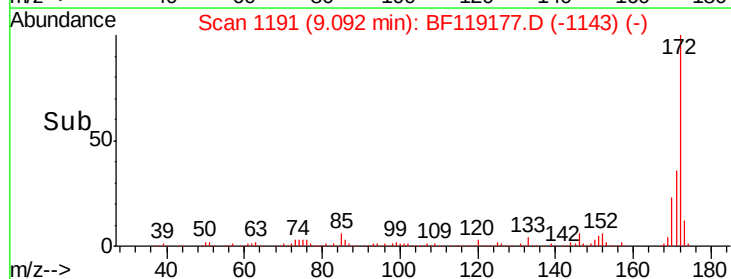
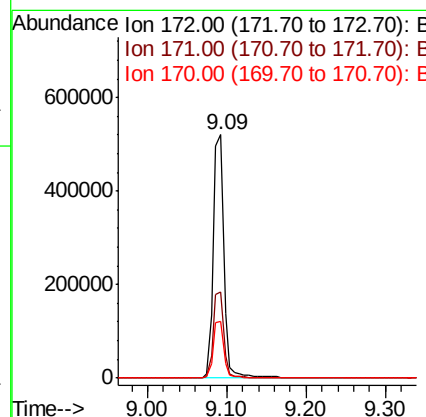
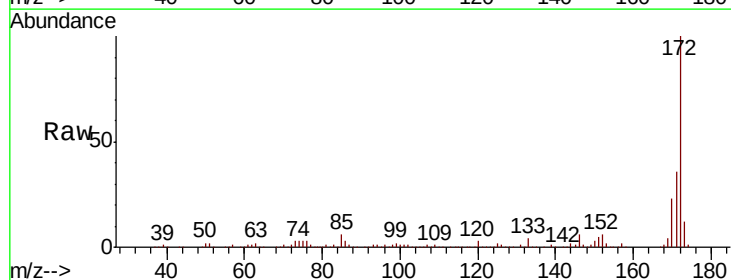
Instrument :
 BNA_F
 ClientSampleId :

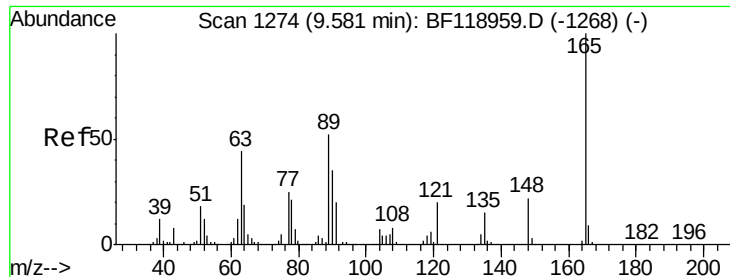
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.0	114.0
141	31.7	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 27.911 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.6	45.8
170	23.2	20.2	30.2

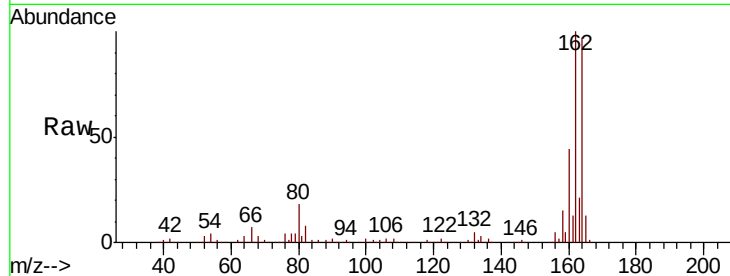




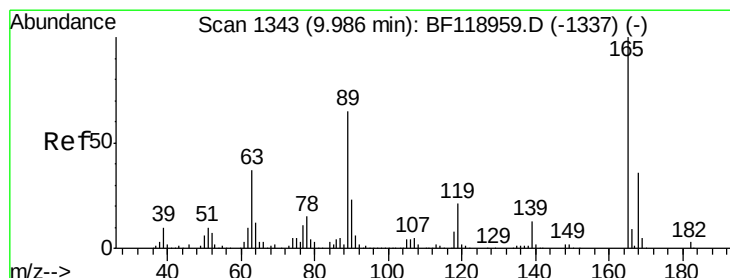
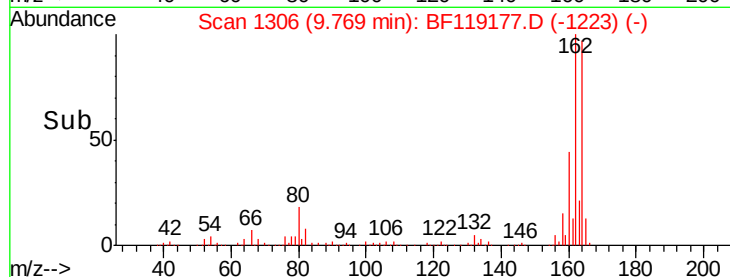
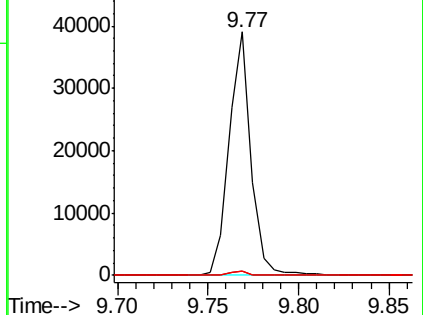
#51
 2,6-Dinitrotoluene
 Concen: 7.449 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.19 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.5	38.3	57.5#



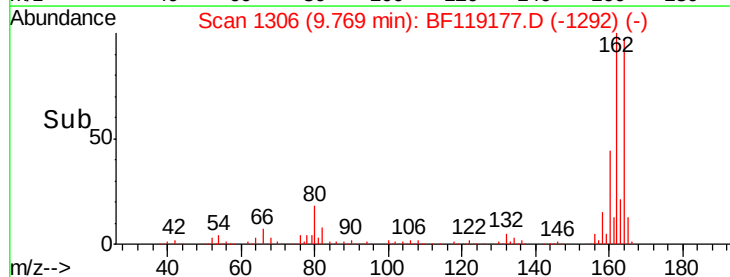
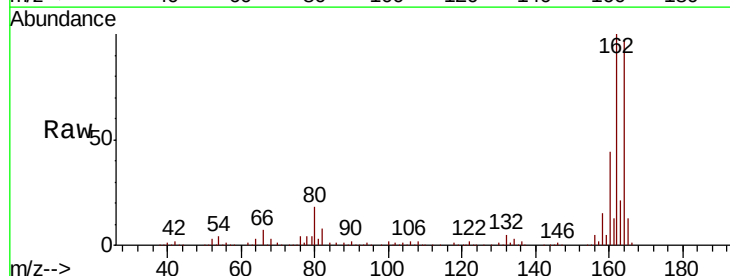
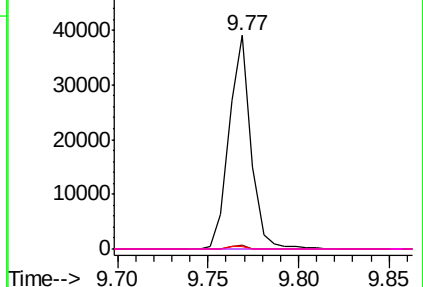
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

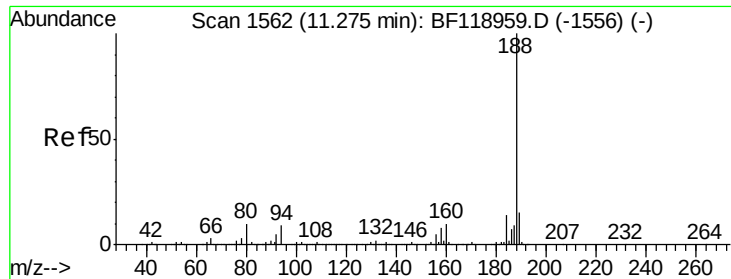


#57
 2,4-Dinitrotoluene
 Concen: 5.747 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.22 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.3	63.5#
89	1.5	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

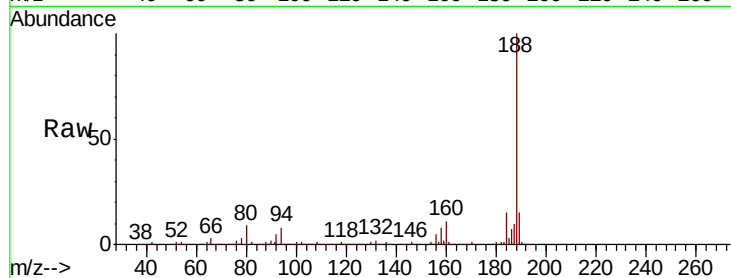




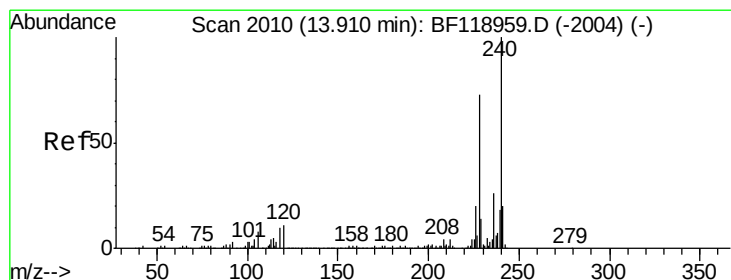
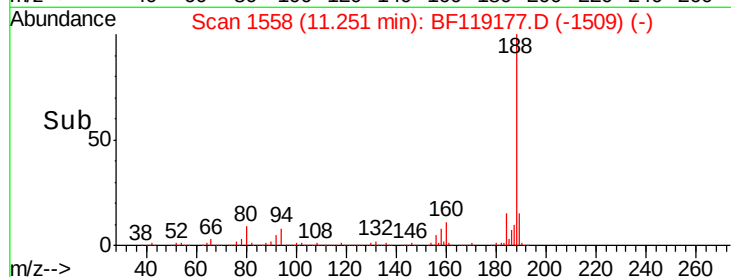
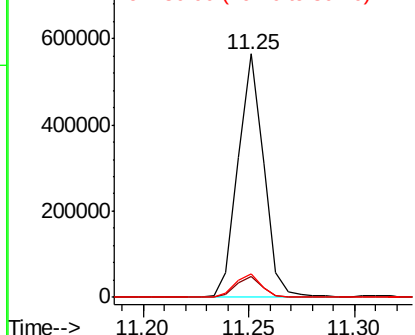
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119177.D
Acq: 2 Mar 2020 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 474981
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.5 7.8 11.8

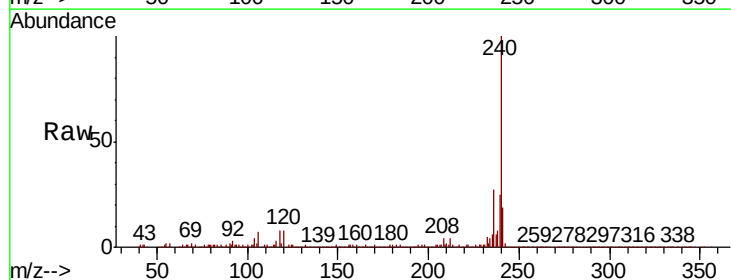


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

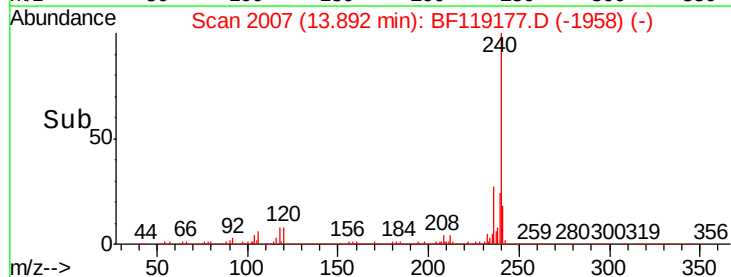
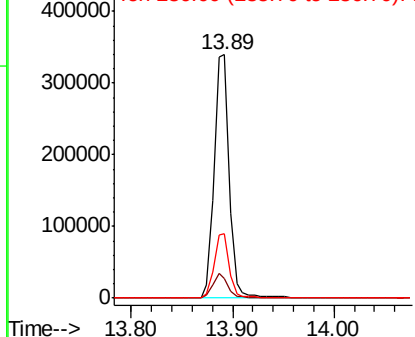


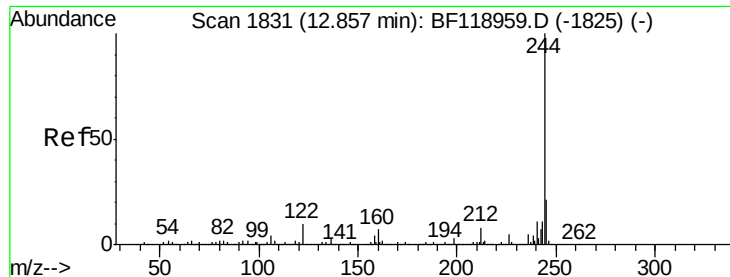
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119177.D
Acq: 2 Mar 2020 19:22

Tgt Ion:240 Resp: 351456
Ion Ratio Lower Upper
240 100
120 8.1 8.4 12.6#
236 26.7 21.0 31.4



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

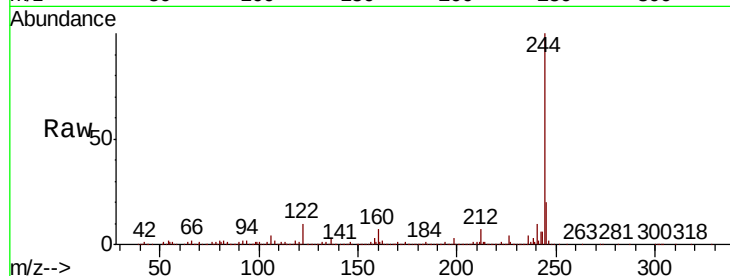




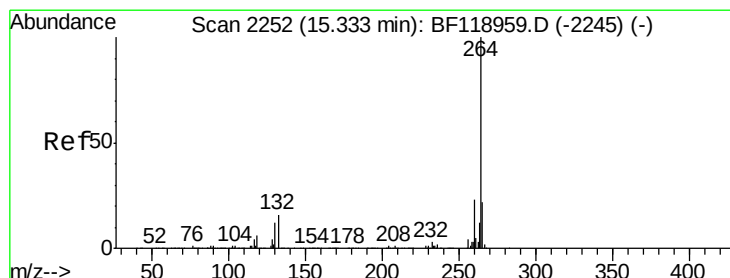
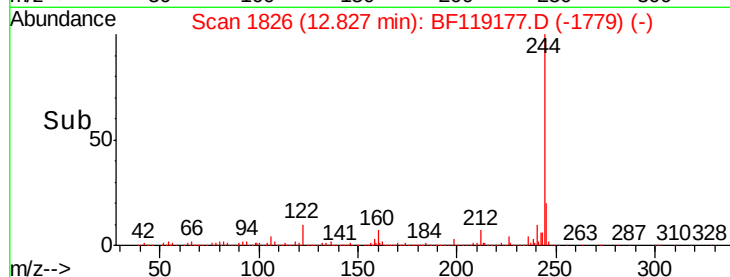
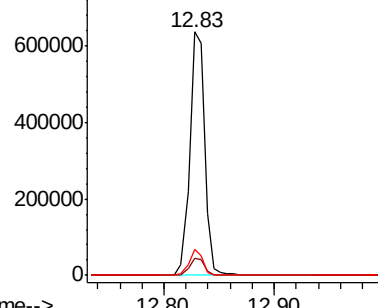
#79
 Terphenyl-d14
 Concen: 29.414 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	10.5	8.2	12.2

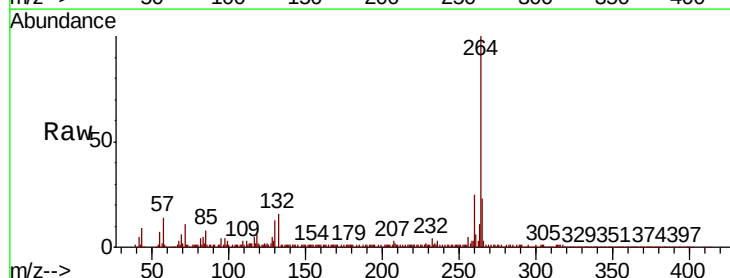


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	22.6	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

