

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119076.D
 Acq On : 25 Feb 2020 20:46
 Operator : CG/JU
 Sample : L1635-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:28:29 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

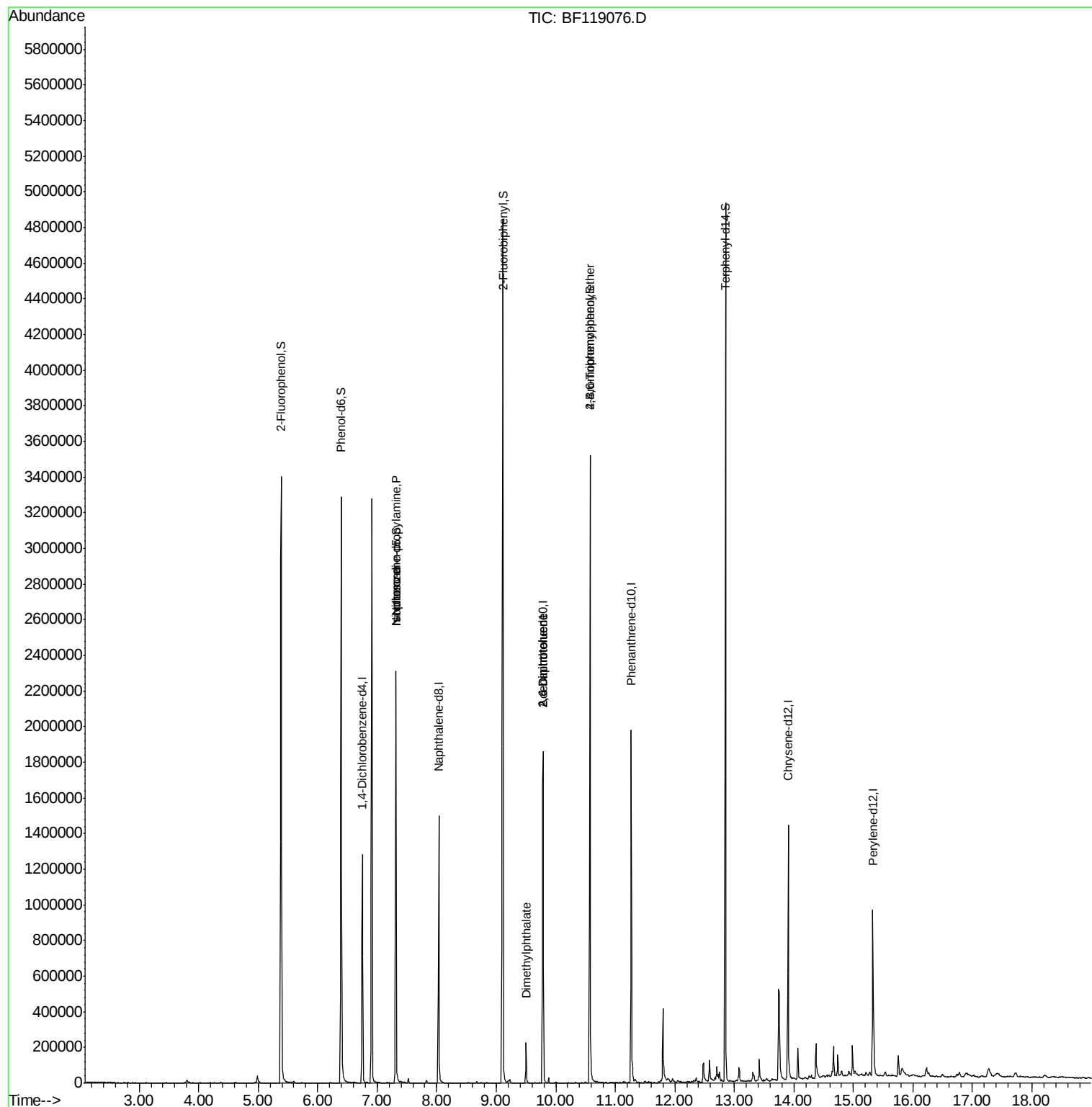
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	200076	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	767180	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	425481	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	762121	20.00	ng	0.00
76) Chrysene-d12	13.90	240	508477	20.00	ng	0.00
87) Perylene-d12	15.33	264	426402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1054181	88.05	ng	0.00
7) Phenol-d6	6.40	99	1313248	90.19	ng	0.00
23) Nitrobenzene-d5	7.32	82	880651	60.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	479367	86.12	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1666627	57.70	ng	-0.01
79) Terphenyl-d14	12.85	244	1794963	60.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	121079	14.271	ng	# 77
25) Isophorone	7.32	82	875281	34.686	ng	# 63
50) Dimethylphthalate	9.50	163	109429	3.363	ng	99
51) 2,6-Dinitrotoluene	9.79	165	54628	7.557	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	54628	5.830	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	31749	3.187	ng	# 1

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

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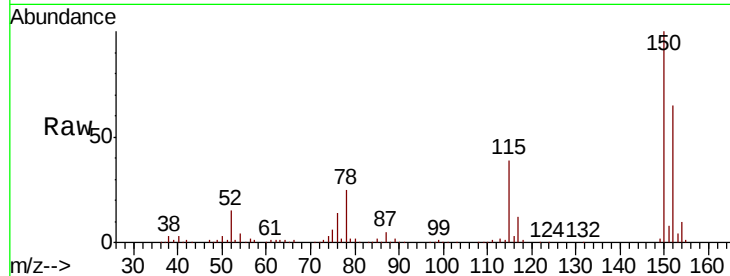


#1

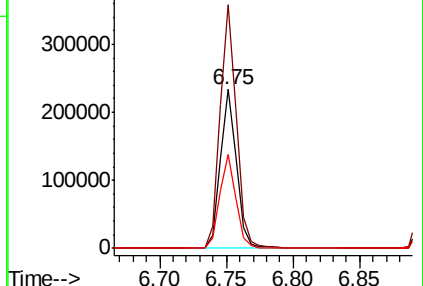
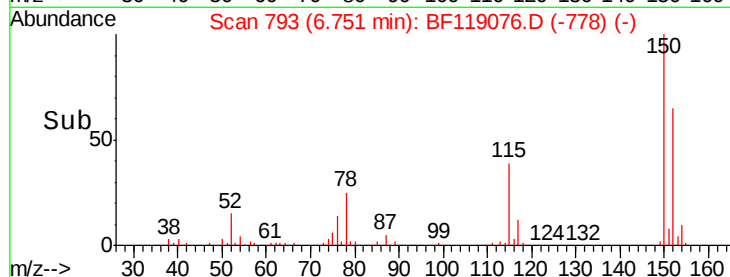
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119076.D
 Acq: 25 Feb 2020 20:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	59.4	44.6	67.0



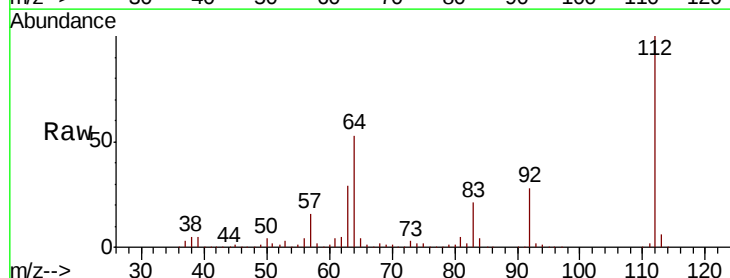
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



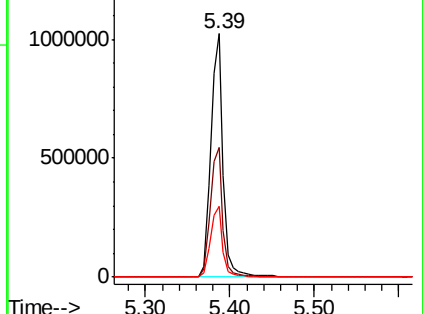
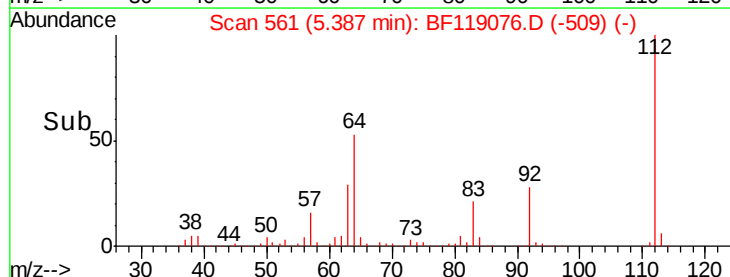
#5

2-Fluorophenol
 Concen: 88.053 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF119076.D
 Acq: 25 Feb 2020 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	40.4	60.6
63	28.9	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: 90.193 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119076.D

Acq: 25 Feb 2020 20:46

Instrument :

BNA_F

ClientSampleId :

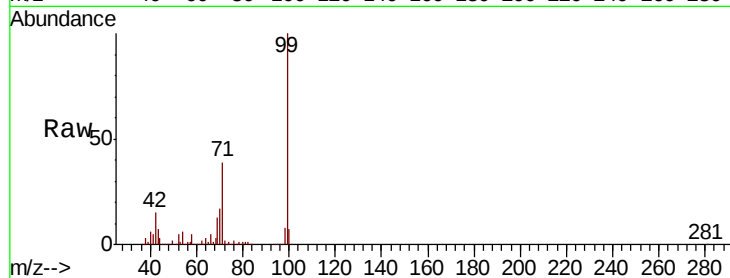
Tot Ion: 99 Resp: 1313248

Ion Ratio Lower Upper

99 100

42 15.2 11.4 17.0

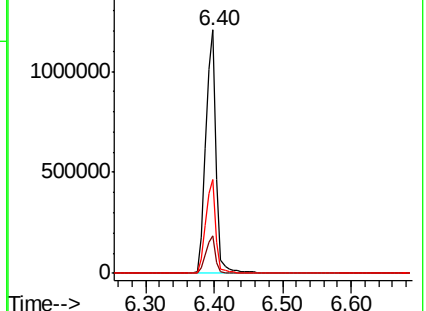
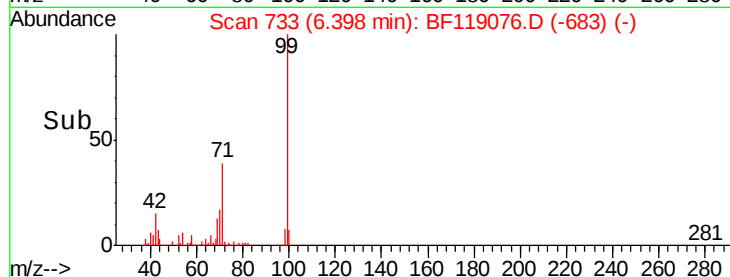
71 38.6 29.8 44.6



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: 14.271 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119076.D

Acq: 25 Feb 2020 20:46

Tgt Ion: 70 Resp: 121079

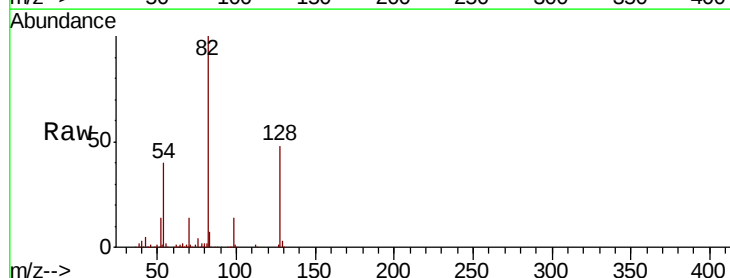
Ion Ratio Lower Upper

70 100

42 37.0 34.6 51.8

101 0.0 8.1 12.1#

130 1.9 19.4 29.2#

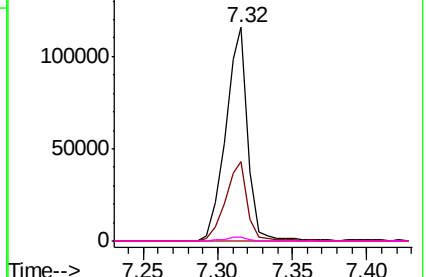
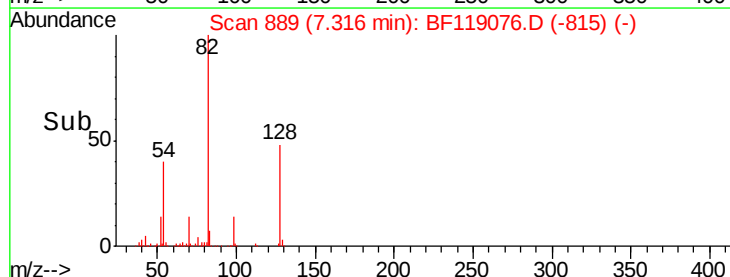


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF119076.D

Acq: 25 Feb 2020 20:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 767180

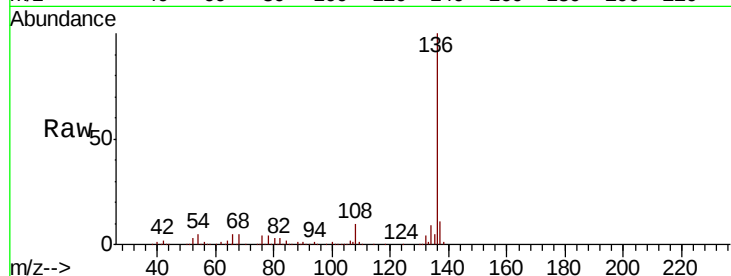
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.9 3.8 5.6

68 5.2 4.2 6.2

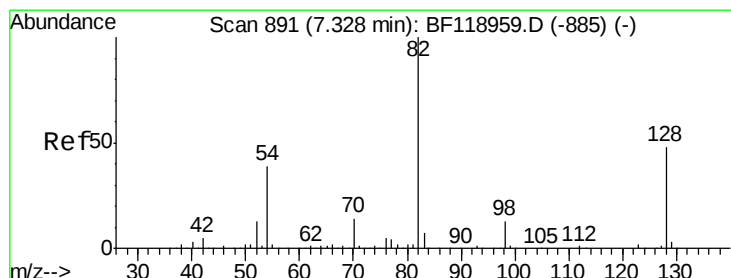
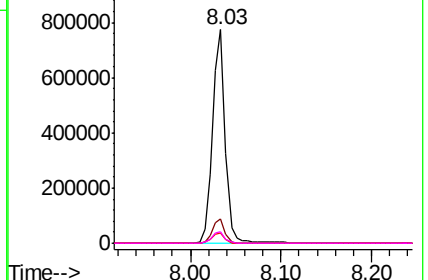
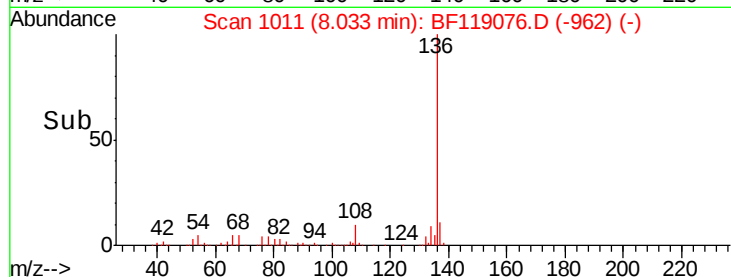


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.609 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119076.D

Acq: 25 Feb 2020 20:46

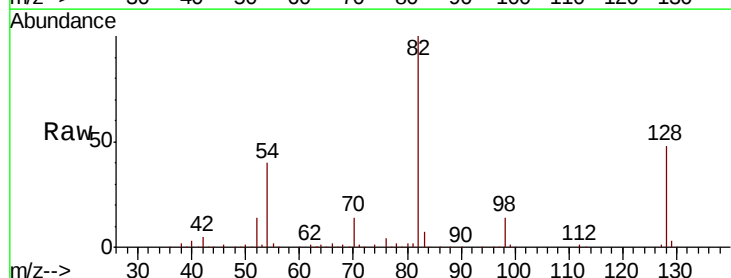
Tgt Ion: 82 Resp: 880651

Ion Ratio Lower Upper

82 100

128 47.6 38.2 57.2

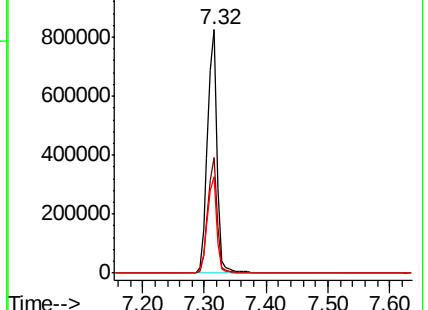
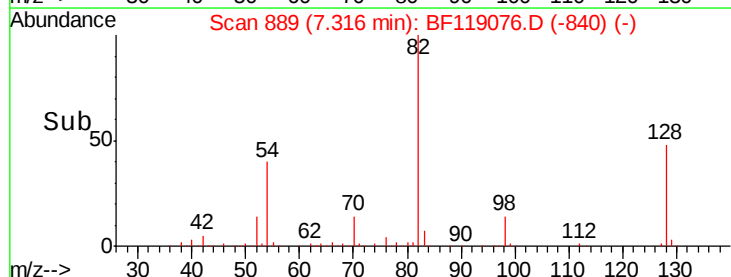
54 39.6 31.3 46.9



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: 34.686 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119076.D

Acq: 25 Feb 2020 20:46

Instrument :

BNA_F

ClientSampled :

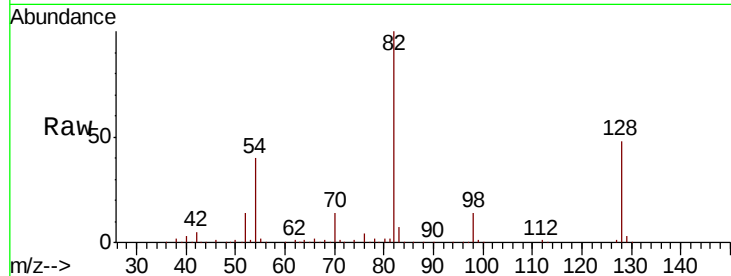
Tot Ion: 82 Resp: 875281

Ion Ratio Lower Upper

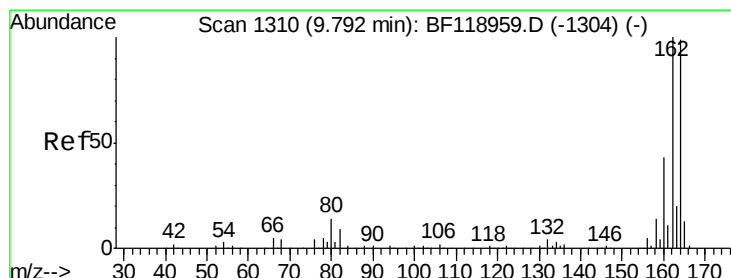
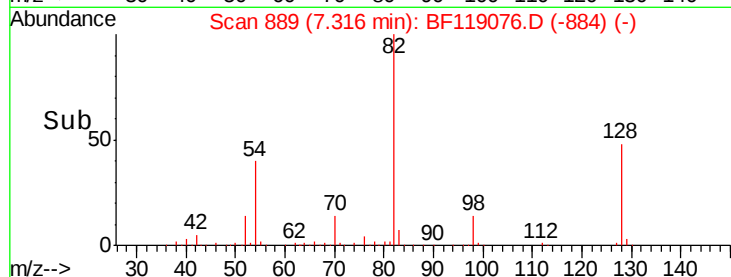
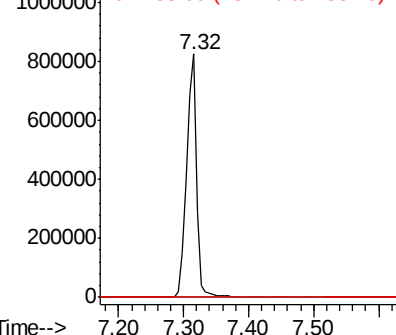
82 100

95 0.0 6.1 9.1#

138 0.0 15.8 23.6#



Abundance Ion 82.00 (81.70 to 82.70): 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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119076.D

Acq: 25 Feb 2020 20:46

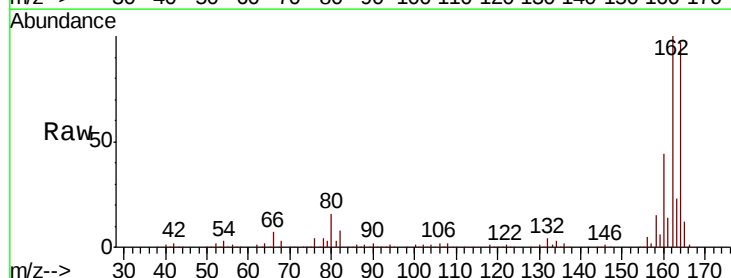
Tgt Ion: 164 Resp: 425481

Ion Ratio Lower Upper

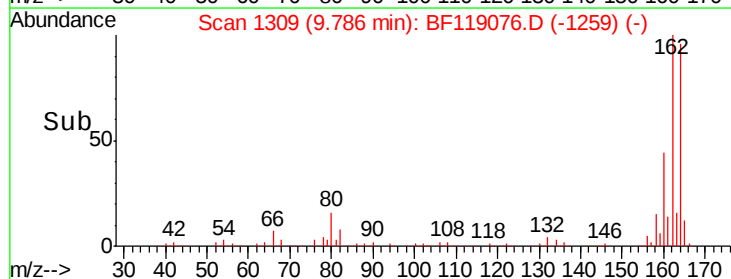
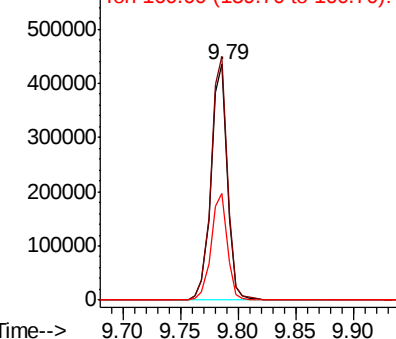
164 100

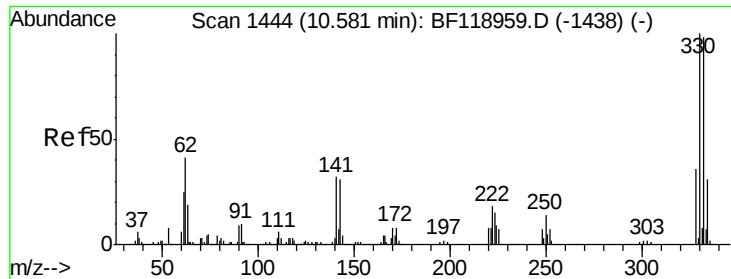
162 103.3 81.2 121.8

160 45.0 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

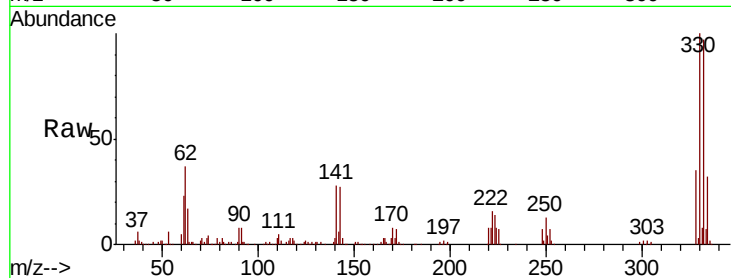




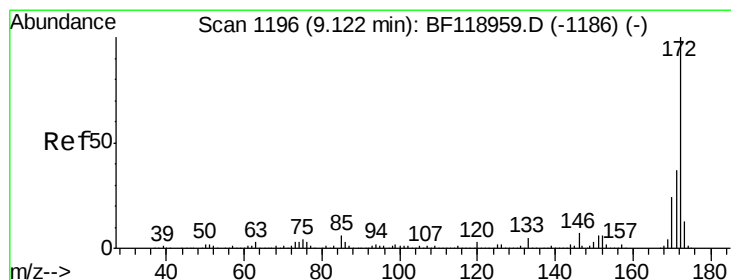
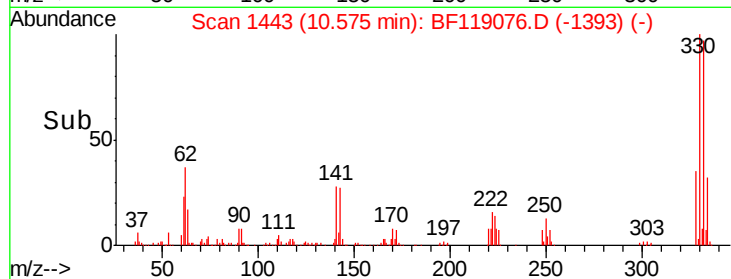
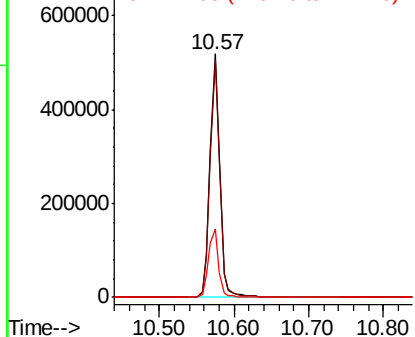
#42
 2,4,6-Tribromophenol
 Concen: 86.124 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119076.D
 Acq: 25 Feb 2020 20:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	29.0	23.0	34.6

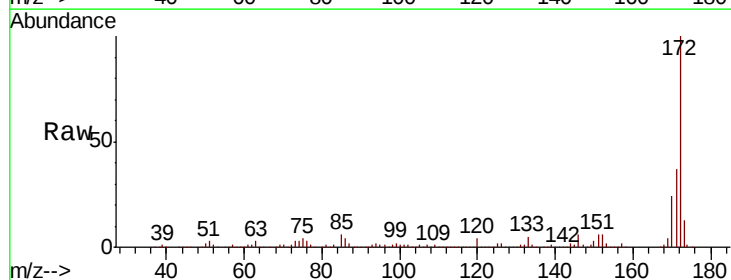


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

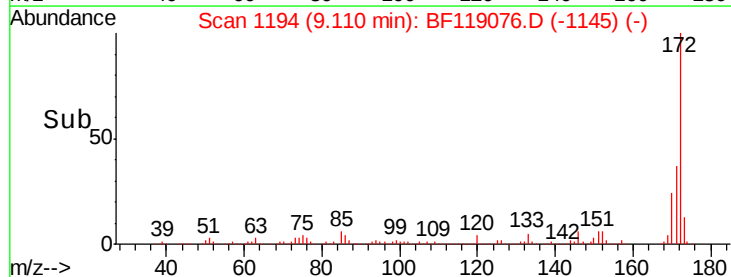
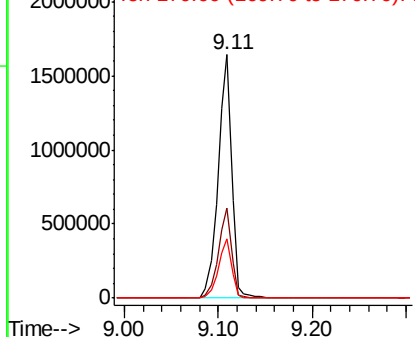


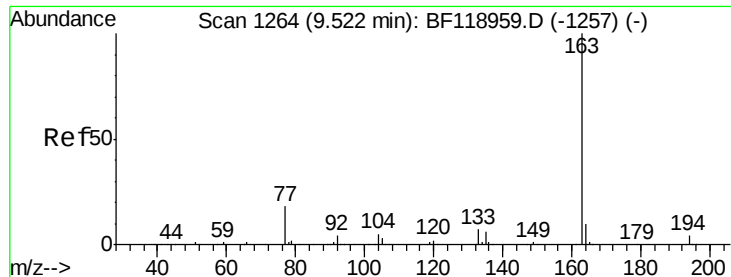
#45
 2-Fluorobiphenyl
 Concen: 57.705 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119076.D
 Acq: 25 Feb 2020 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

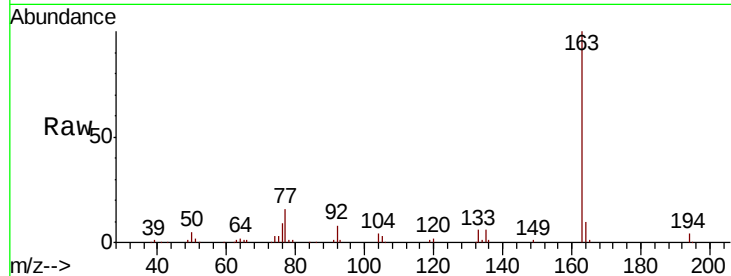




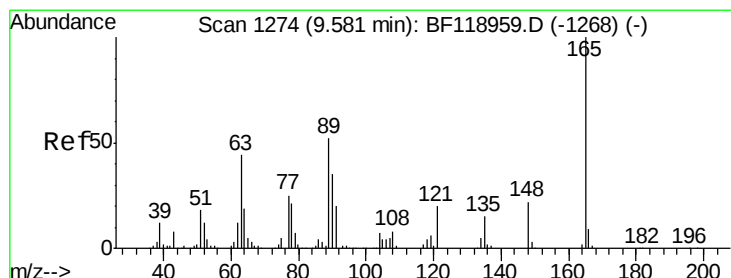
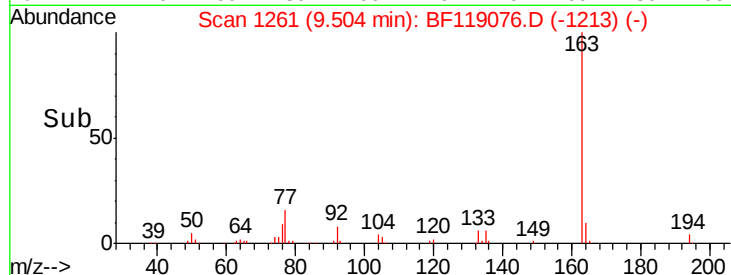
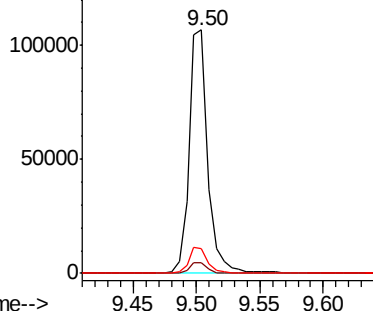
#50
 Dimethylphthalate
 Concen: 3.363 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BF119076.D
 Acq: 25 Feb 2020 20:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	163	Resp:	109429
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.2	12.2

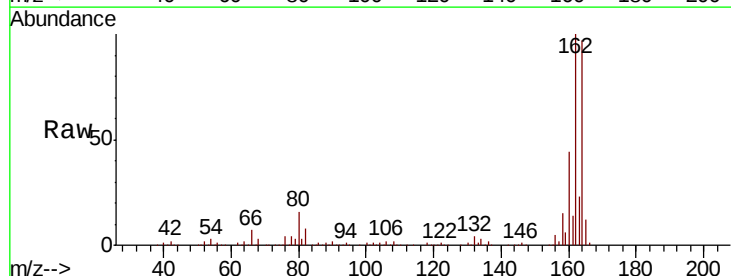


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

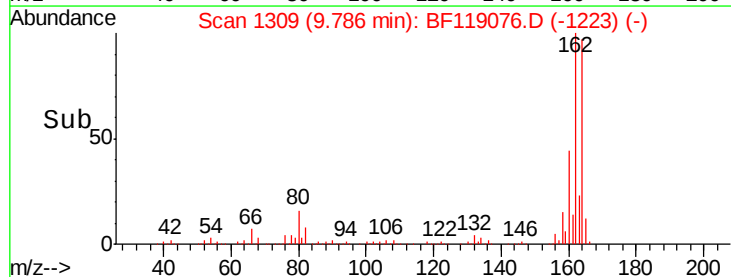
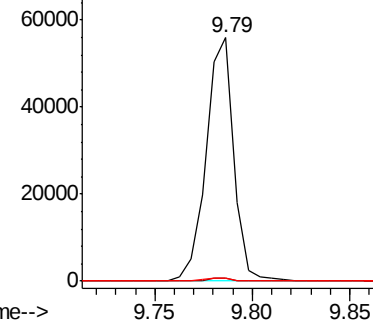


#51
 2,6-Dinitrotoluene
 Concen: 7.557 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.21 min
 Lab File: BF119076.D
 Acq: 25 Feb 2020 20:46

Tgt Ion:	165	Resp:	54628
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

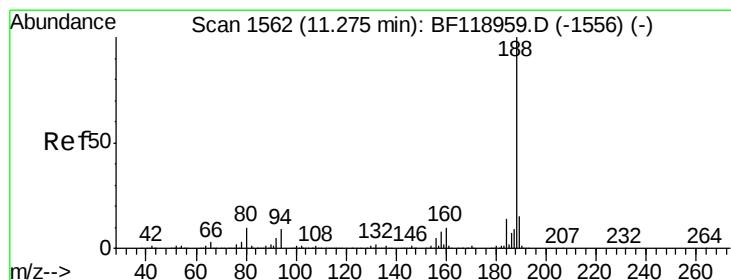
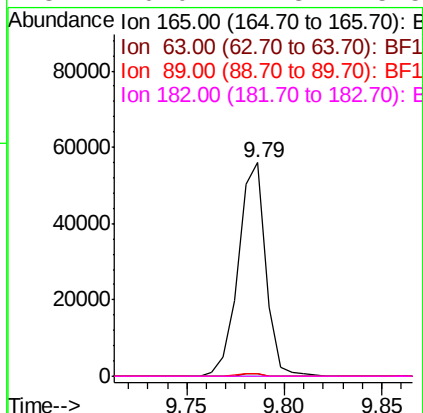
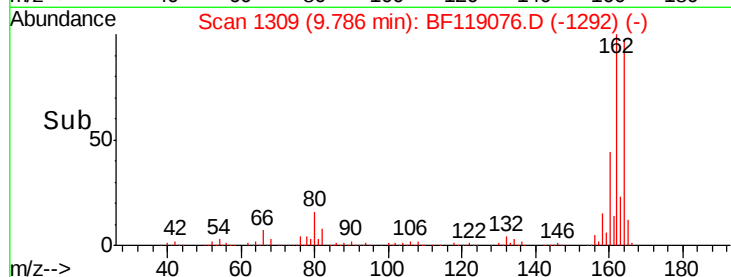
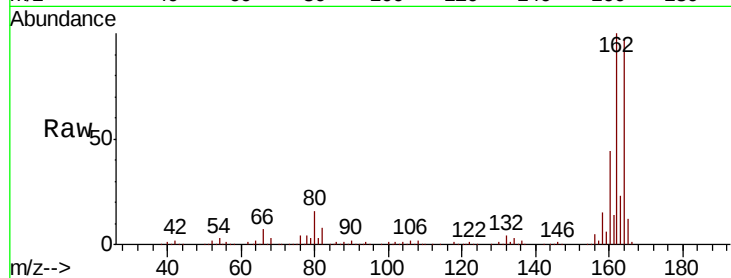




#57
 2,4-Dinitrotoluene
 Concen: 5.830 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119076.D
 Acq: 25 Feb 2020 20:46

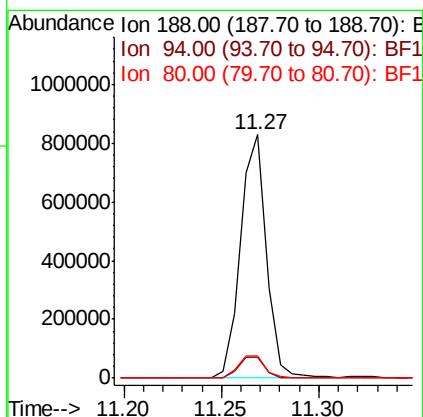
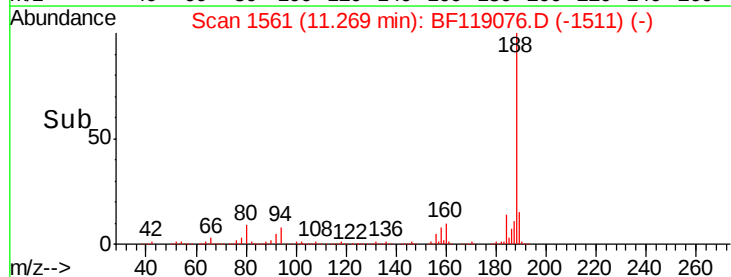
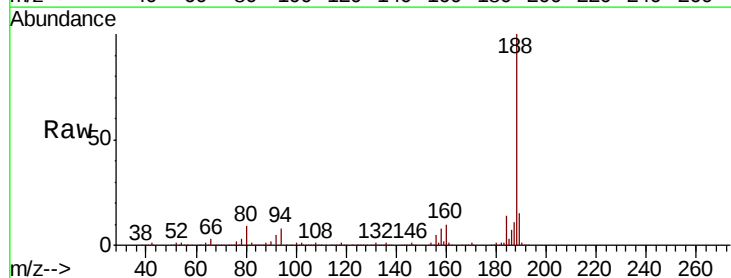
Instrument :
 BNA_F
 ClientSampleId :

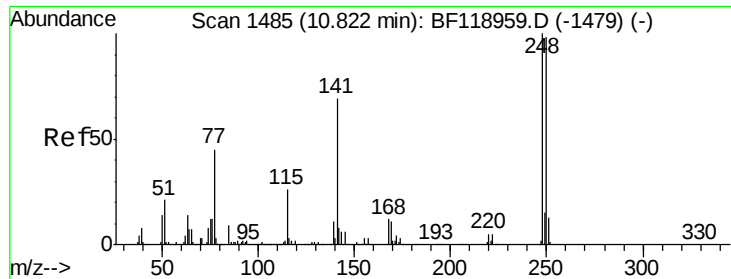
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.3	51.9	77.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119076.D
 Acq: 25 Feb 2020 20:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.9	7.9	11.9





#67

4-Bromophenyl-phenylether

Concen: 3.187 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.25 min

Lab File: BF119076.D

Acq: 25 Feb 2020 20:46

Instrument :

BNA_F

ClientSampleId :

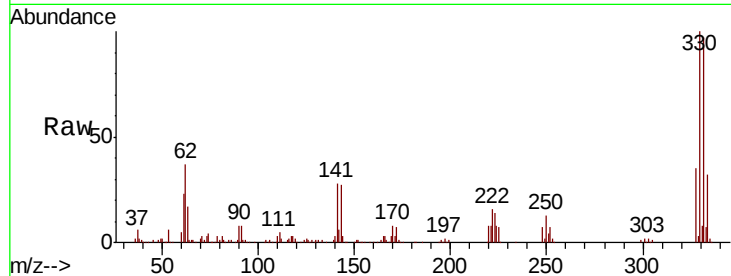
Tot Ion:248 Resp: 31749

Ion Ratio Lower Upper

248 100

250 201.1 78.8 118.2#

141 419.0 55.3 82.9#

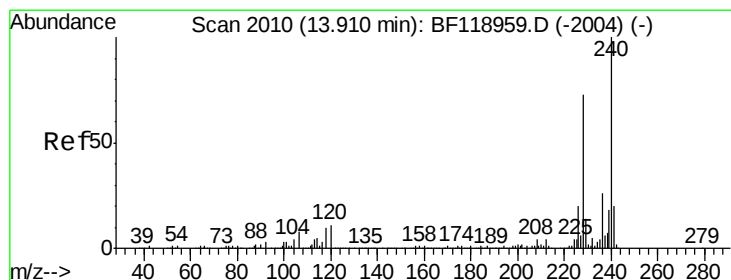
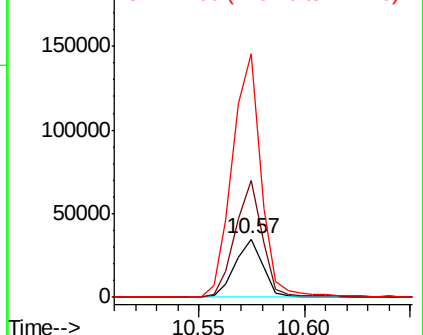
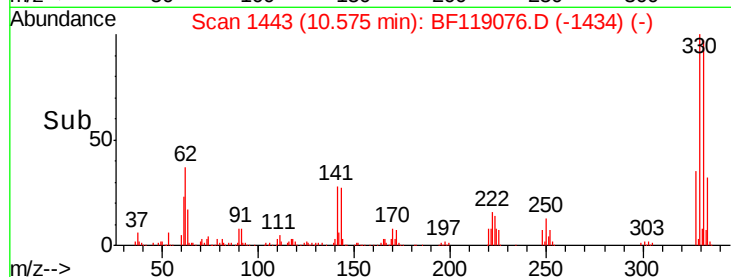


Abundance

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: BF119076.D

Acq: 25 Feb 2020 20:46

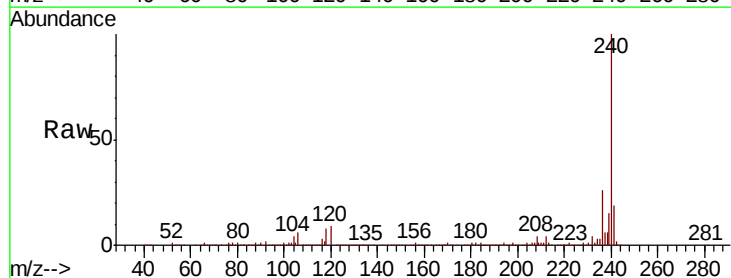
Tgt Ion:240 Resp: 508477

Ion Ratio Lower Upper

240 100

120 9.3 8.9 13.3

236 26.5 20.6 30.8

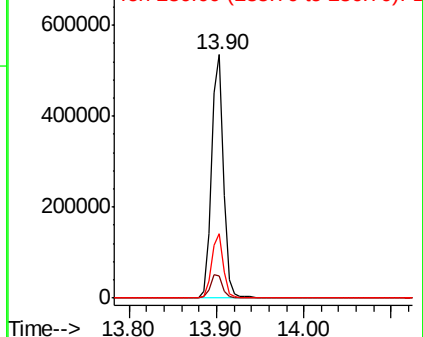
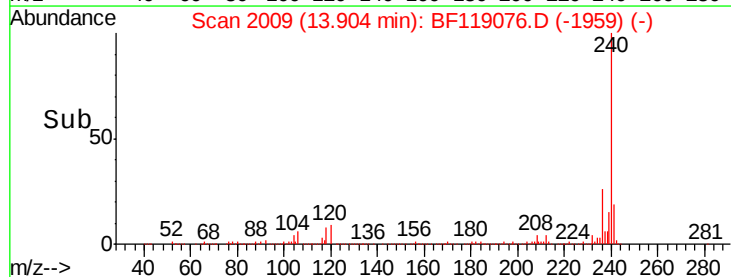


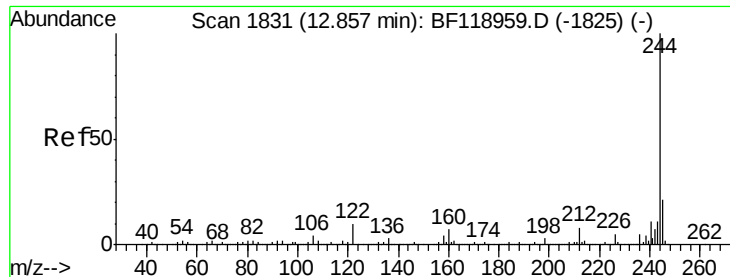
Abundance

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: 60.776 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119076.D

Acq: 25 Feb 2020 20:46

Instrument :

BNA_F

ClientSampled :

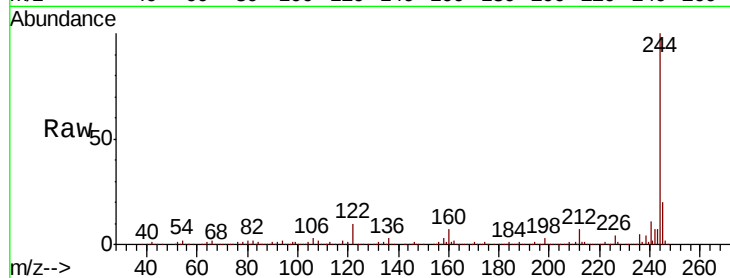
Tot Ion:244 Resp: 1794963

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

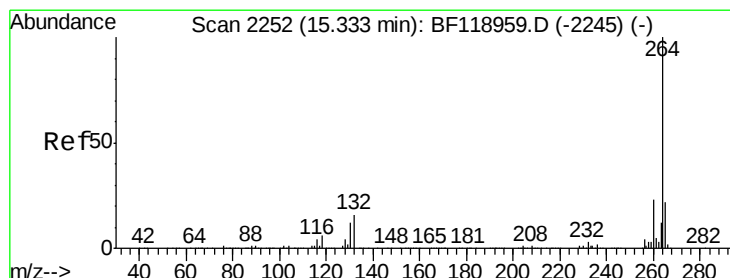
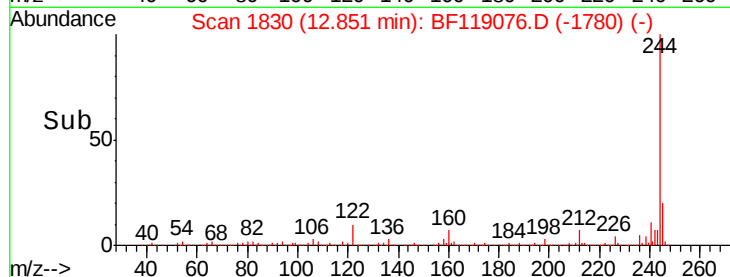
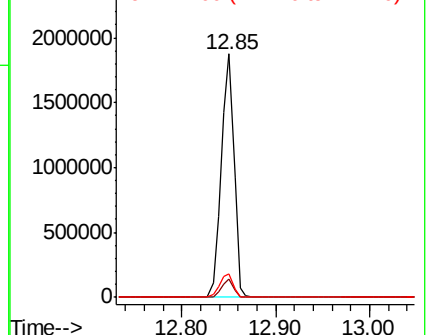
122 9.7 8.4 12.6



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: BF119076.D

Acq: 25 Feb 2020 20:46

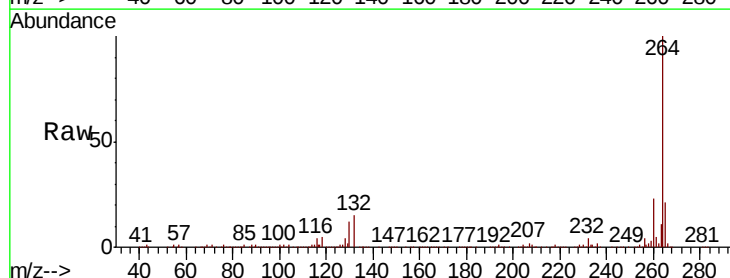
Tgt Ion:264 Resp: 426402

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.2 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

