

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119096.D
 Acq On : 26 Feb 2020 15:54
 Operator : CG/JU
 Sample : L1680-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 17:40:49 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

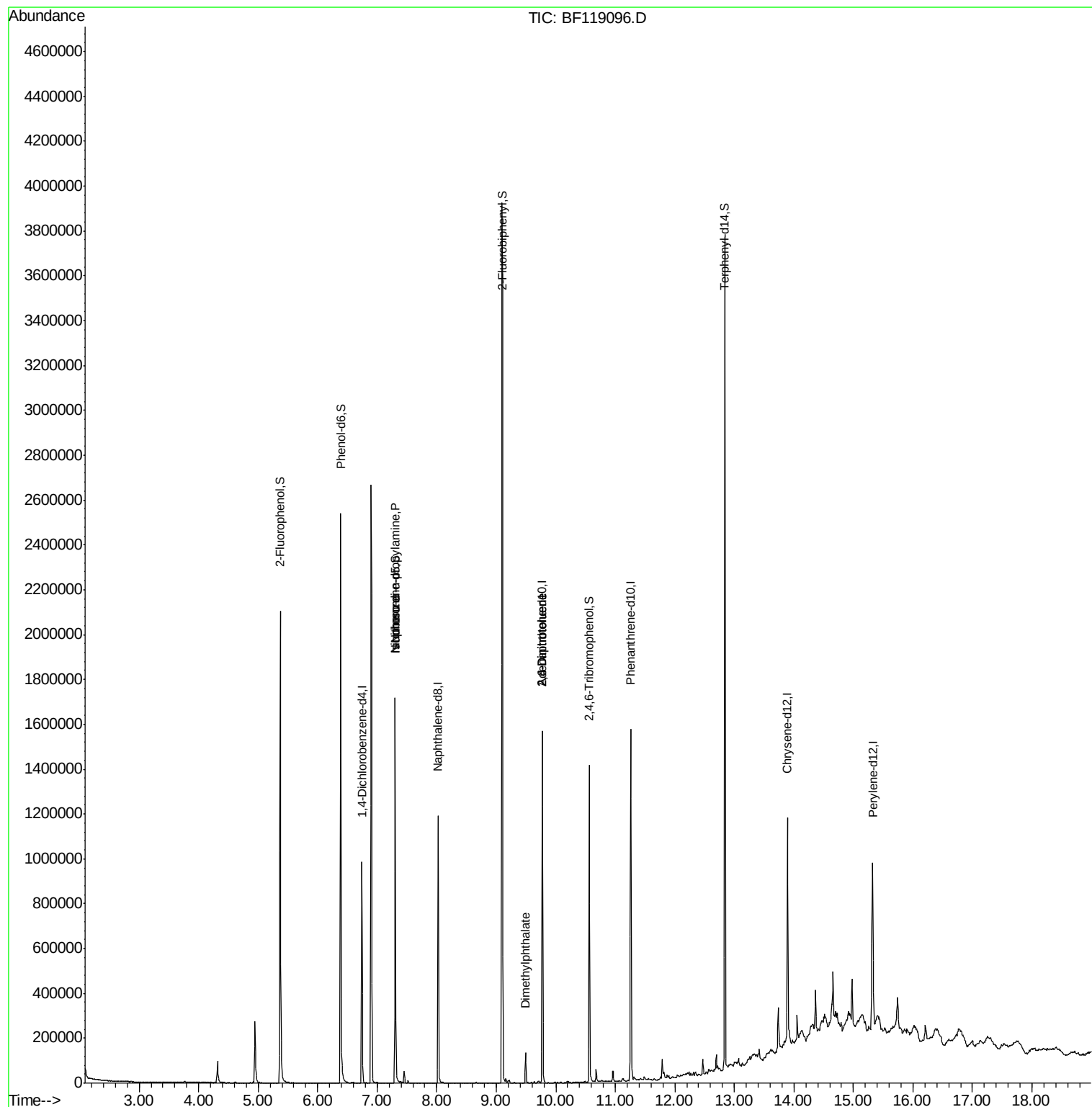
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	155724	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	602285	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	330045	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	575497	20.00	ng	0.00
76) Chrysene-d12	13.89	240	330340	20.00	ng	-0.01
87) Perylene-d12	15.32	264	338915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	638392	68.51	ng	0.00
7) Phenol-d6	6.39	99	945346	83.42	ng	-0.02
23) Nitrobenzene-d5	7.30	82	641487	56.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	176403	40.86	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1303444	58.18	ng	-0.01
79) Terphenyl-d14	12.84	244	1373730	71.60	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	88609	13.418	ng	# 74
25) Isophorone	7.30	82	641483	32.381	ng	# 63
50) Dimethylphthalate	9.49	163	54293	2.151	ng	100
51) 2,6-Dinitrotoluene	9.77	165	41998	7.490	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	41998	5.779	ng	# 21

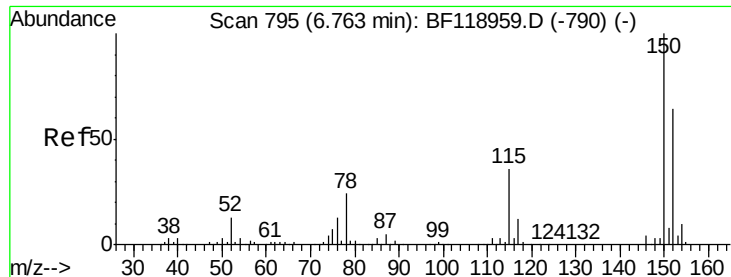
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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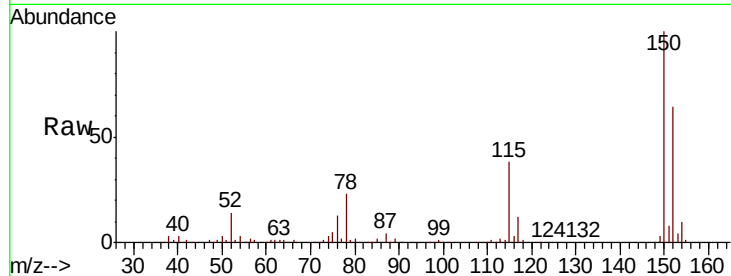


#1

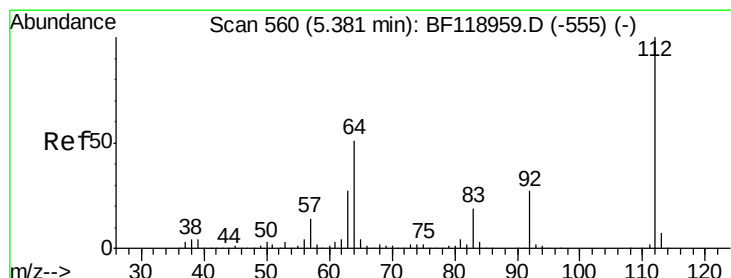
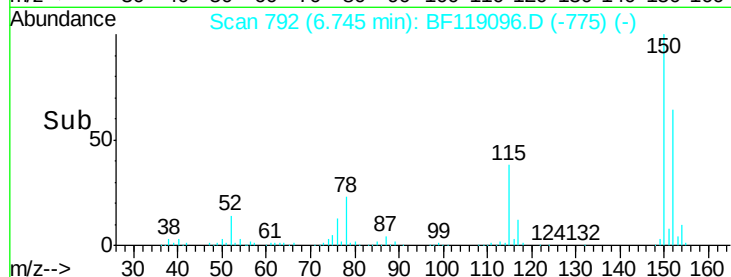
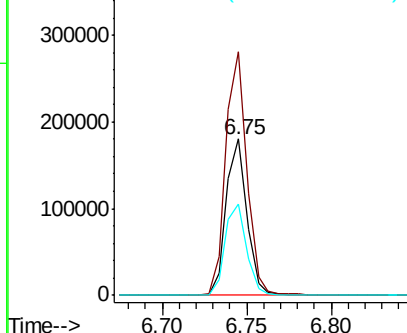
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119096.D
Acq: 26 Feb 2020 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155724
Ion Ratio Lower Upper
152 100
150 156.0 123.0 184.6
115 58.8 49.5 74.3



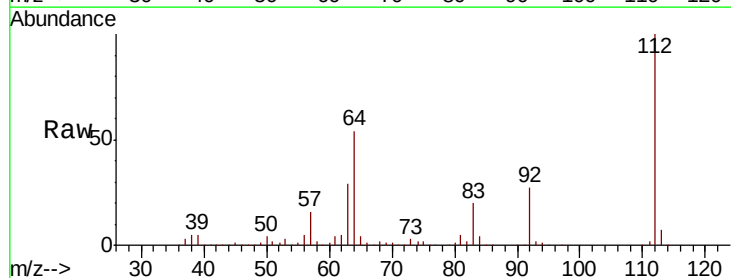
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



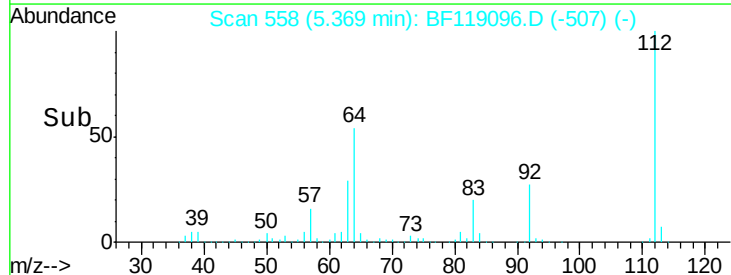
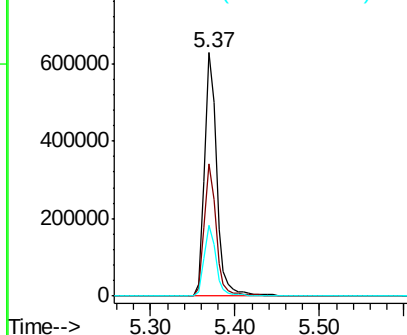
#5

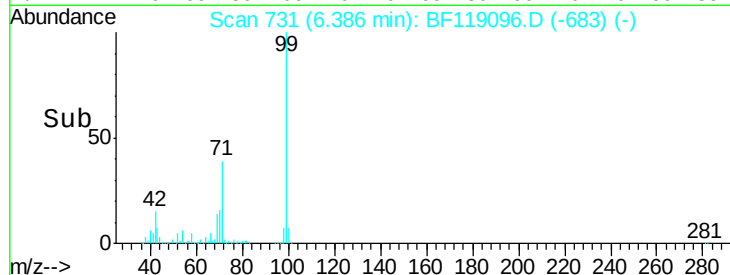
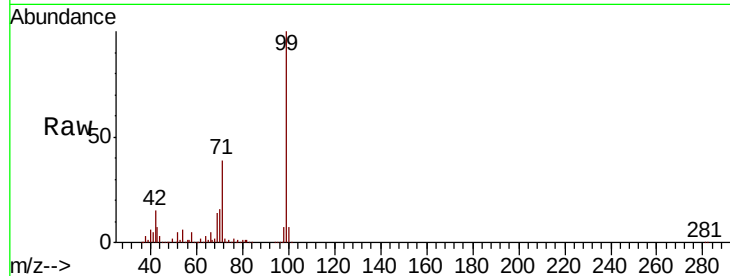
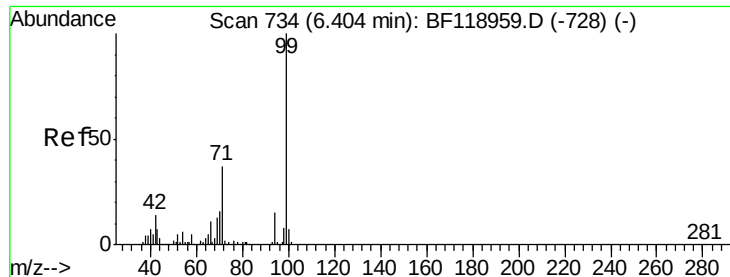
2-Fluorophenol
Concen: 68.510 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119096.D
Acq: 26 Feb 2020 15:54

Tgt Ion:112 Resp: 638392
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 29.3 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: 83.418 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119096.D

Acq: 26 Feb 2020 15:54

Instrument :

BNA_F

ClientSampleId :

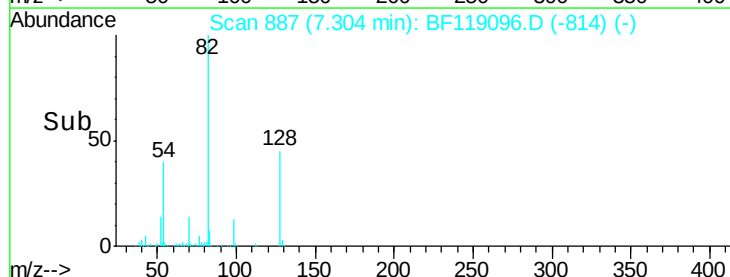
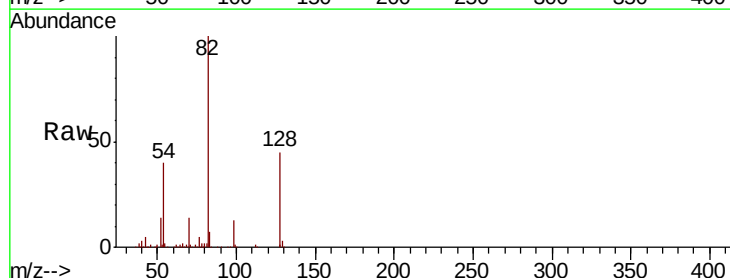
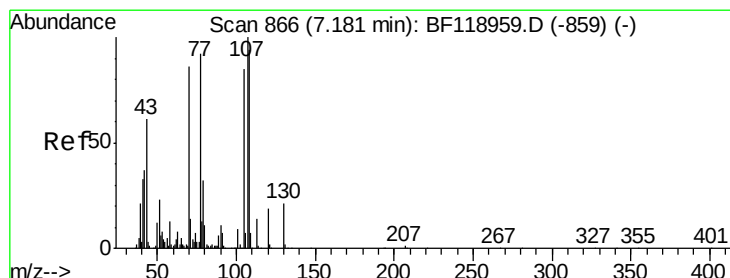
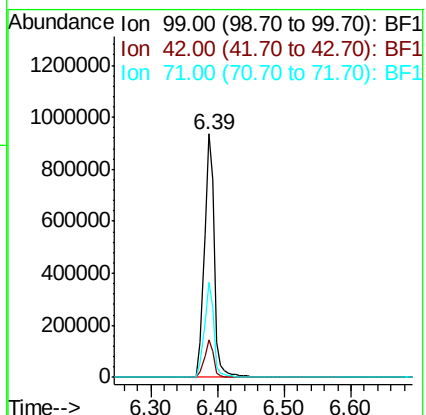
Tot Ion: 99 Resp: 945346

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 39.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.418 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119096.D

Acq: 26 Feb 2020 15:54

Tgt Ion: 70 Resp: 88609

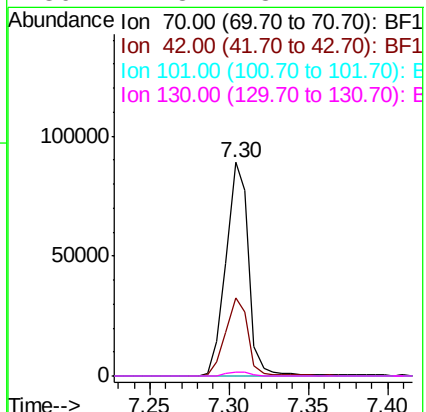
Ion Ratio Lower Upper

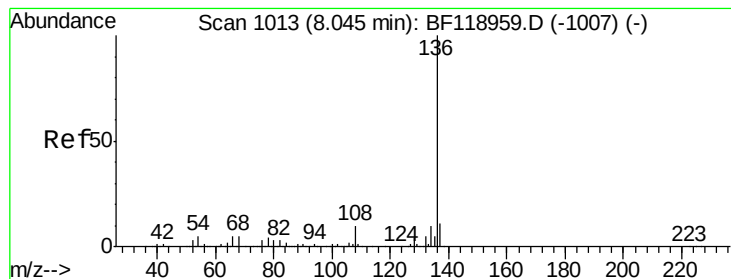
70 100

42 36.3 38.0 57.0#

101 0.0 8.2 12.4#

130 1.8 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119096.D

Acq: 26 Feb 2020 15:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 602285

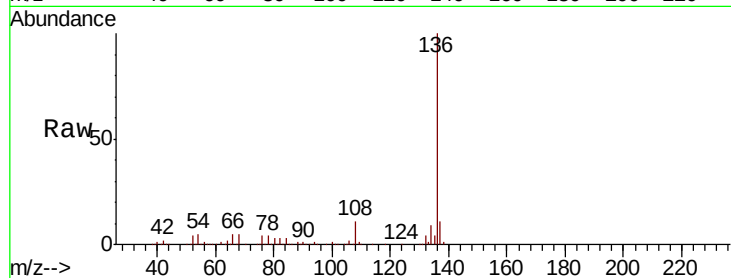
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.1 3.8 5.6

68 5.2 3.9 5.9

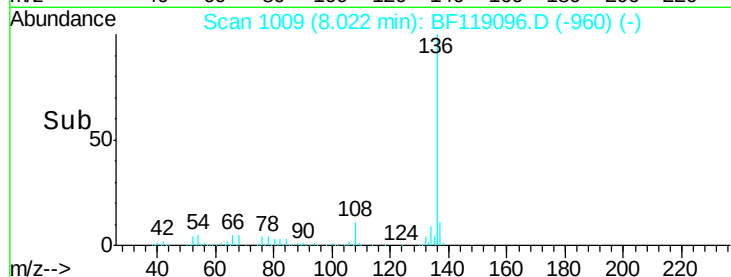


Abundance Ion 136.00 (135.70 to 136.70): E

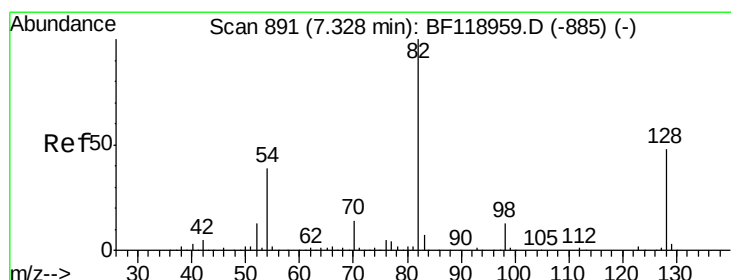
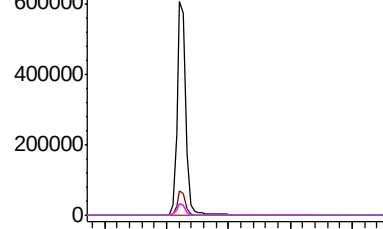
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 56.237 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119096.D

Acq: 26 Feb 2020 15:54

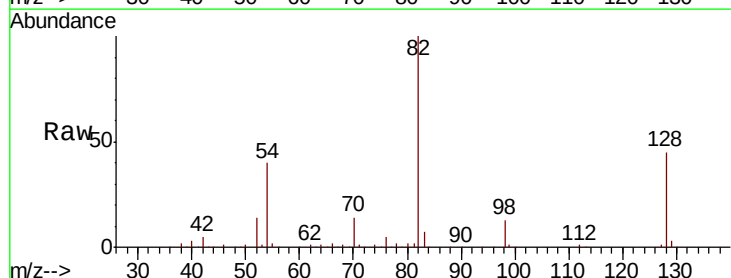
Tgt Ion: 82 Resp: 641487

Ion Ratio Lower Upper

82 100

128 45.3 37.9 56.9

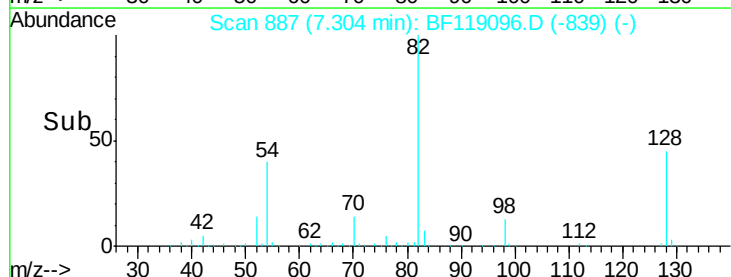
54 40.1 33.4 50.2



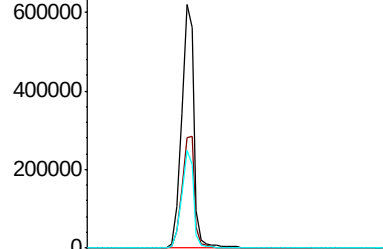
Abundance Ion 82.00 (81.70 to 82.70): BF1

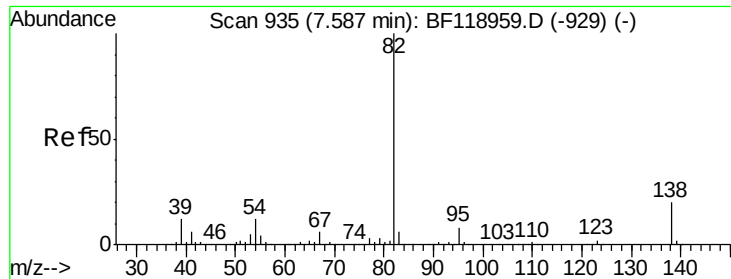
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 32.381 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119096.D

Acq: 26 Feb 2020 15:54

Instrument :

BNA_F

ClientSampleId :

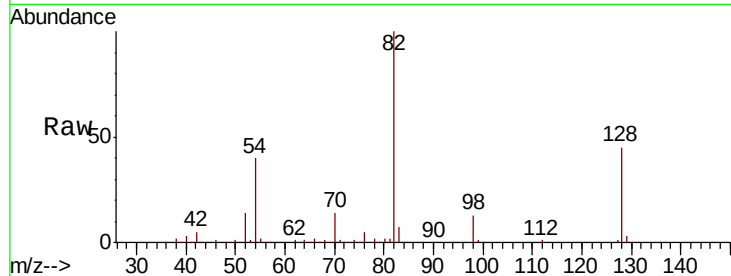
Tot Ion: 82 Resp: 641483

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

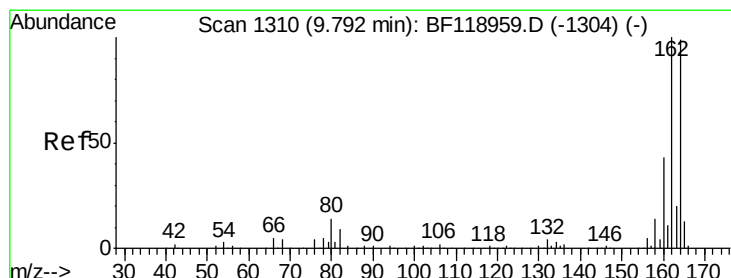
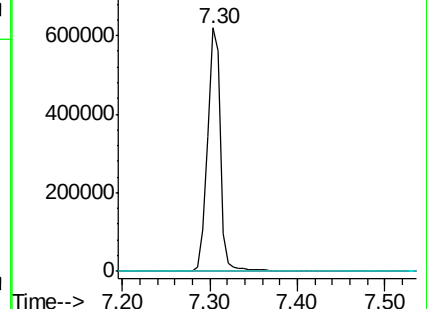
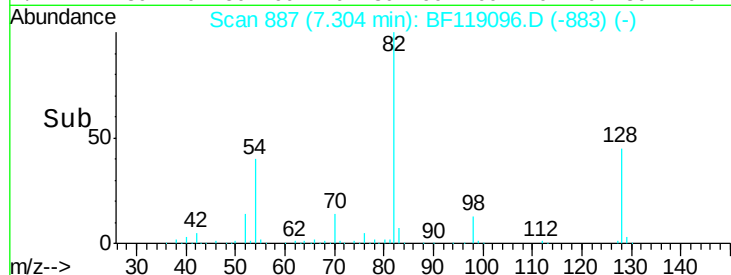
138 0.0 15.7 23.5#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119096.D

Acq: 26 Feb 2020 15:54

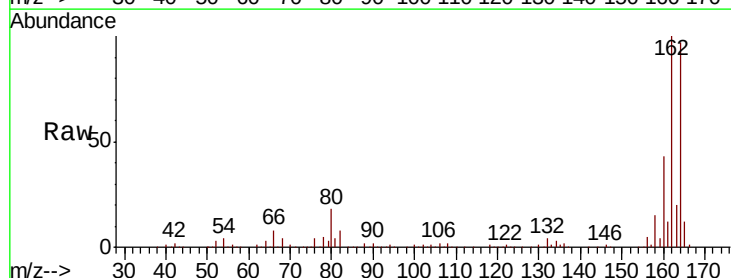
Tgt Ion: 164 Resp: 330045

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.8

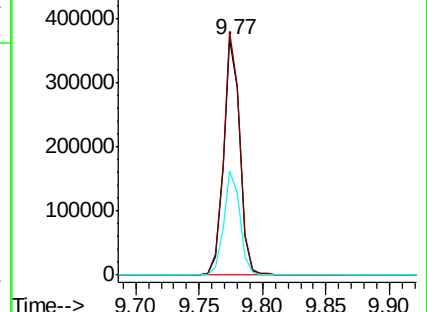
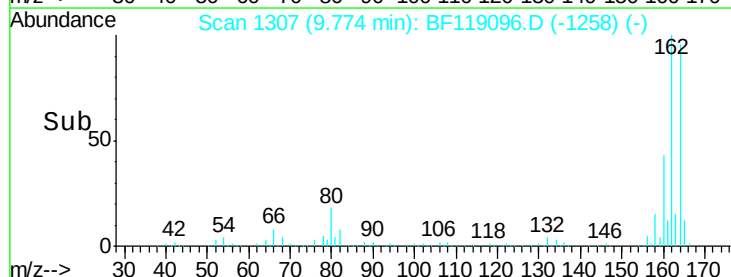
160 44.3 36.0 54.0

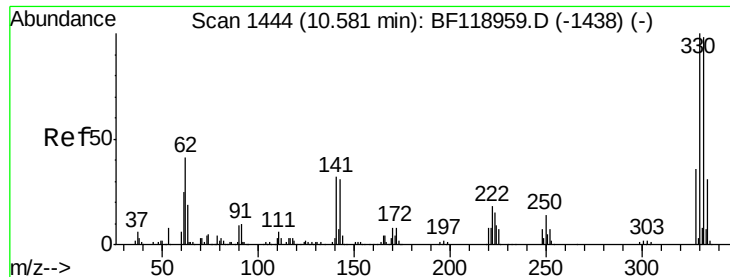


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

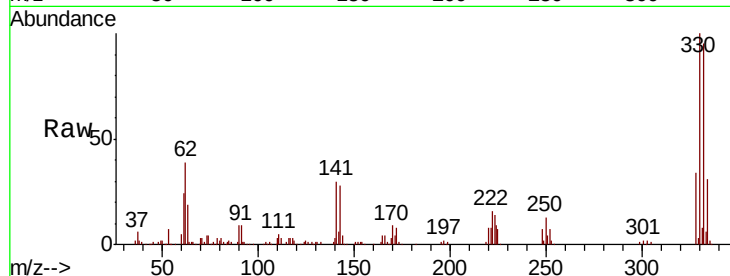




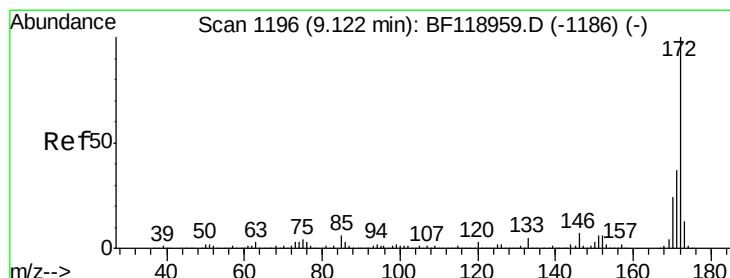
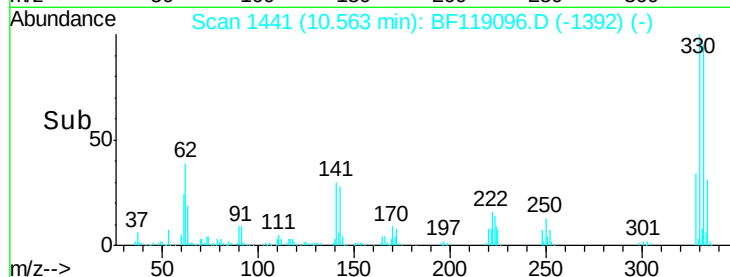
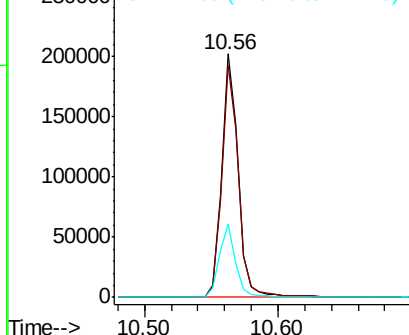
#42
 2,4,6-Tribromophenol
 Concen: 40.857 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119096.D
 Acq: 26 Feb 2020 15:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	30.2	22.9	34.3

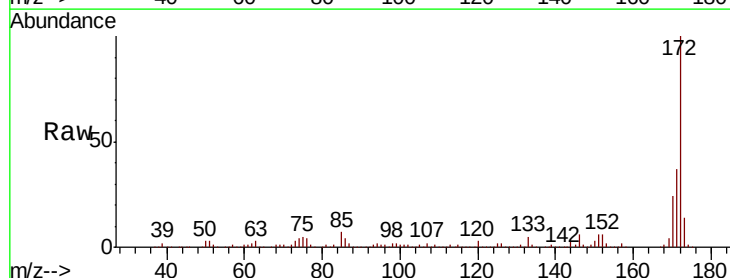


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

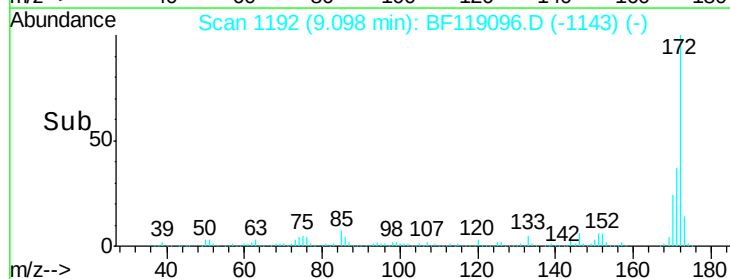
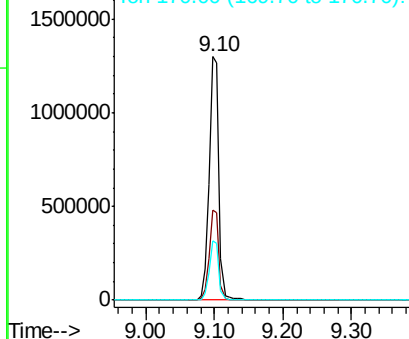


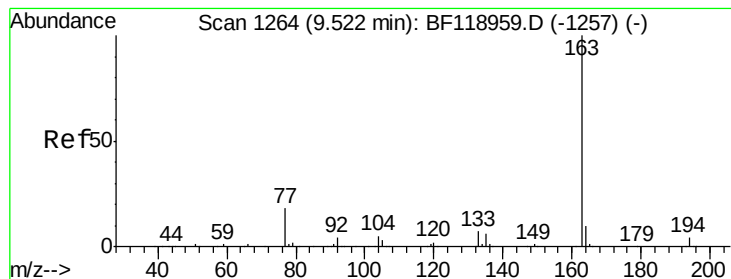
#45
 2-Fluorobiphenyl
 Concen: 58.180 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119096.D
 Acq: 26 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.1	20.2	30.2



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: 2.151 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119096.D

Acq: 26 Feb 2020 15:54

Instrument :

BNA_F

ClientSampleId :

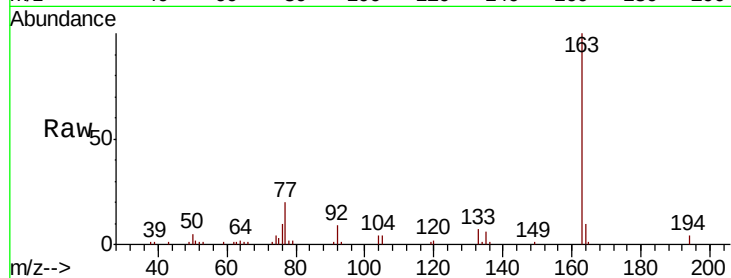
Tot Ion:163 Resp: 54293

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

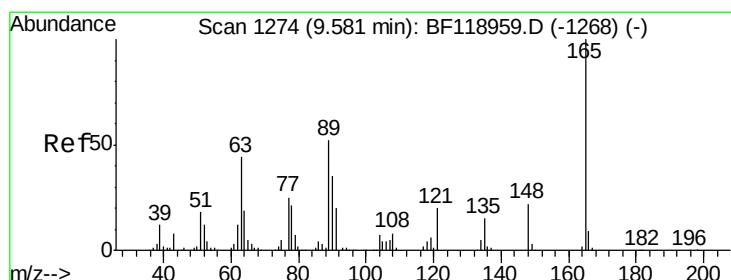
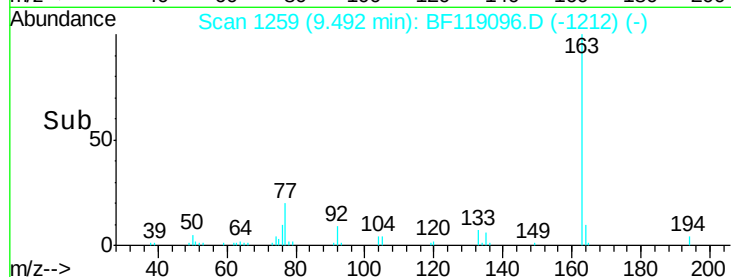
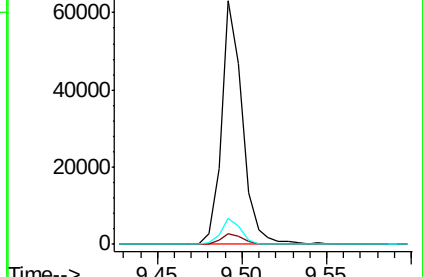
164 10.5 8.4 12.6



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: 7.490 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119096.D

Acq: 26 Feb 2020 15:54

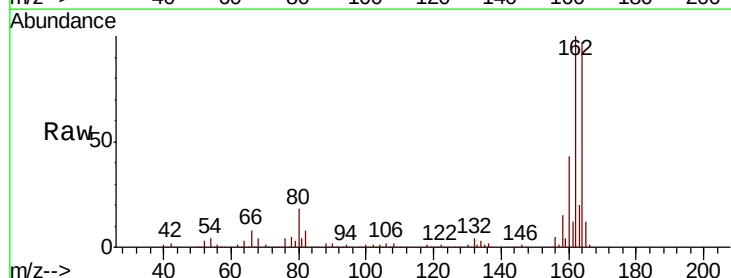
Tgt Ion:165 Resp: 41998

Ion Ratio Lower Upper

165 100

63 0.9 34.3 51.5#

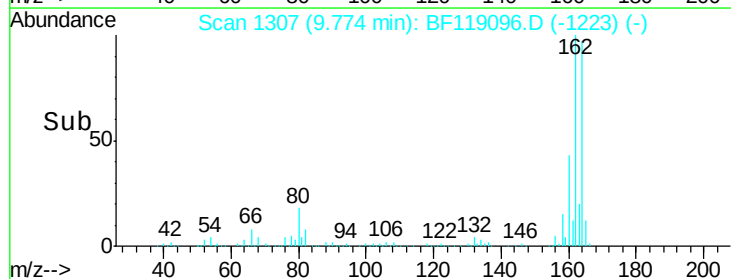
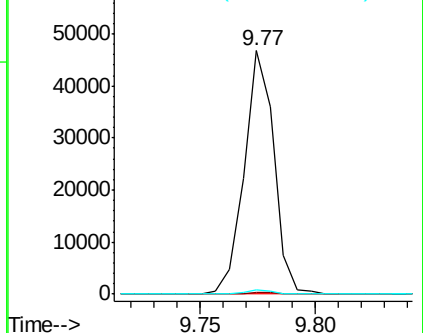
89 1.7 38.3 57.5#

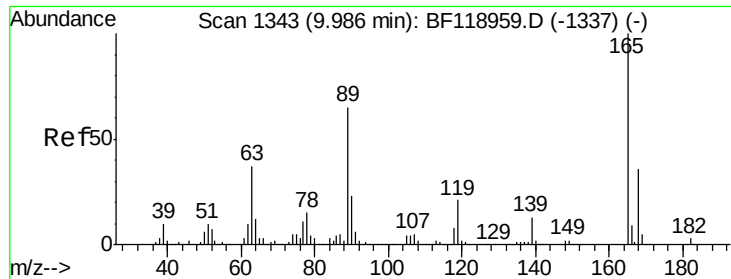


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

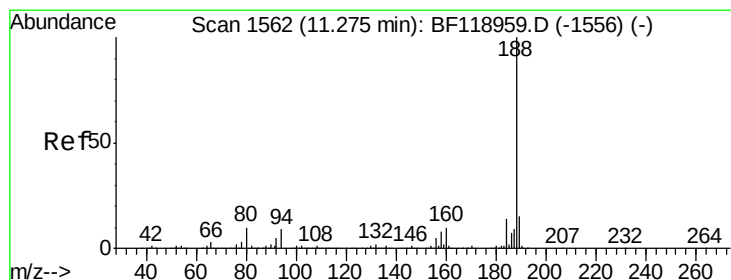
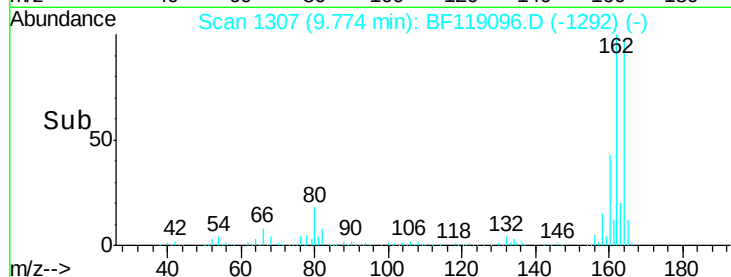
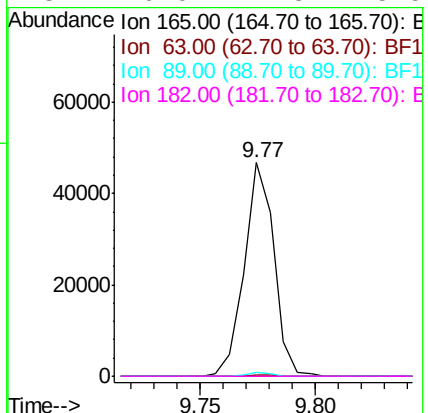
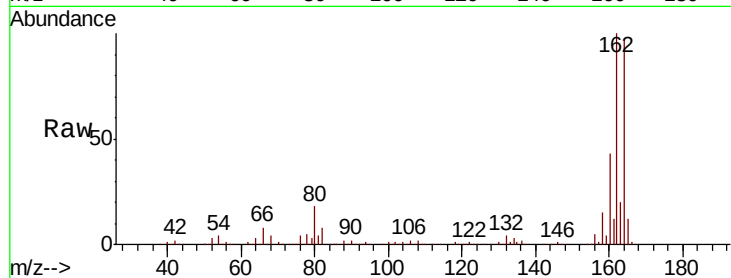




#57
 2,4-Dinitrotoluene
 Concen: 5.779 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119096.D
 Acq: 26 Feb 2020 15:54

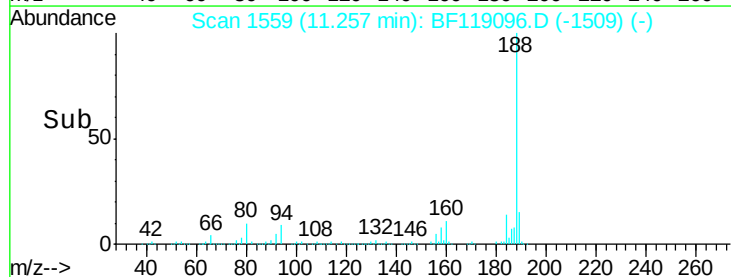
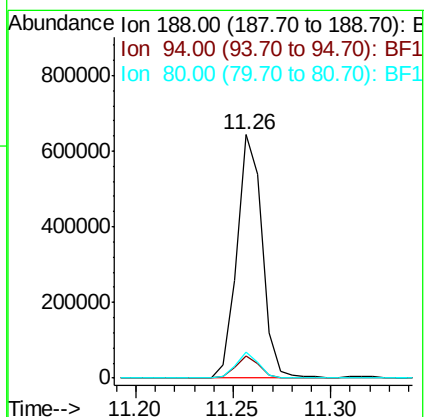
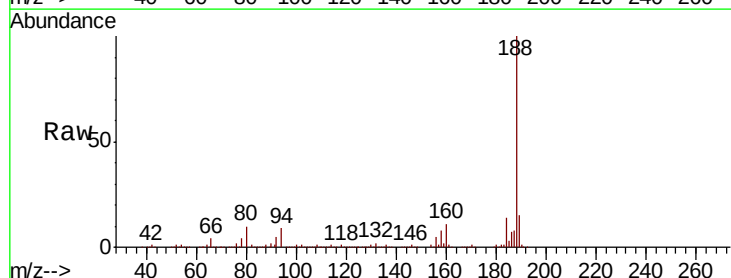
Instrument :
 BNA_F
 ClientSampleId :

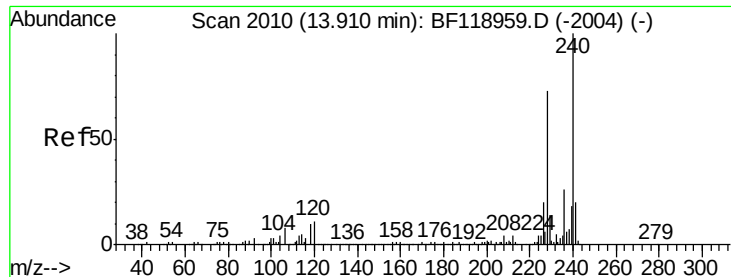
Tot Ion:165	Resp:	41998
Ion Ratio	Lower	Upper
165	100	
63	0.9	42.3 63.5#
89	1.7	60.2 90.4#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119096.D
 Acq: 26 Feb 2020 15:54

Tgt Ion:188	Resp:	575497
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.1 10.7
80	10.4	7.8 11.8

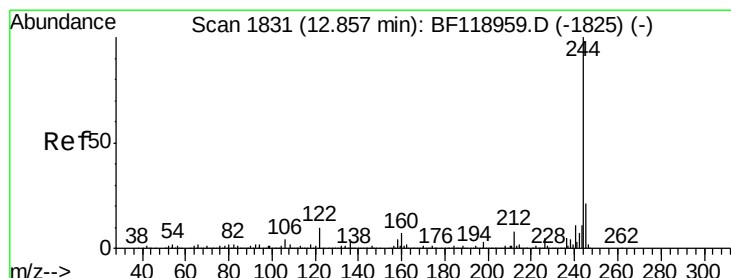
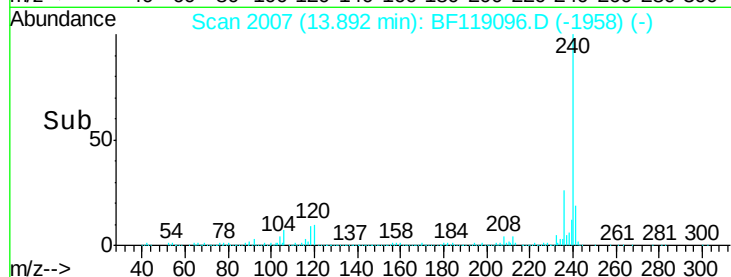
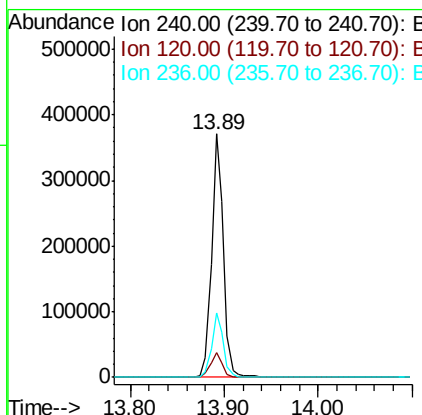
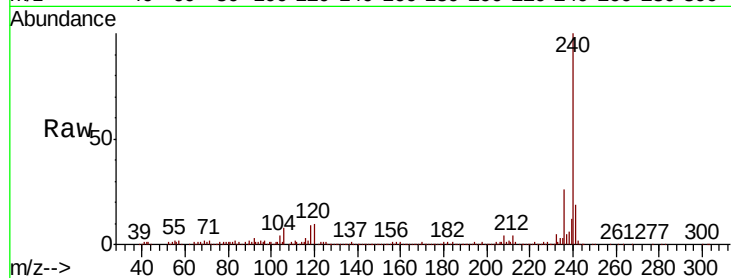




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119096.D
 Acq: 26 Feb 2020 15:54

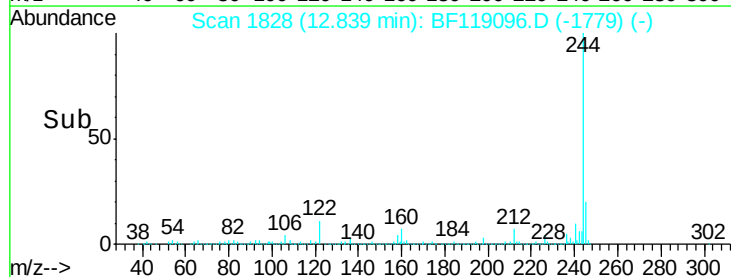
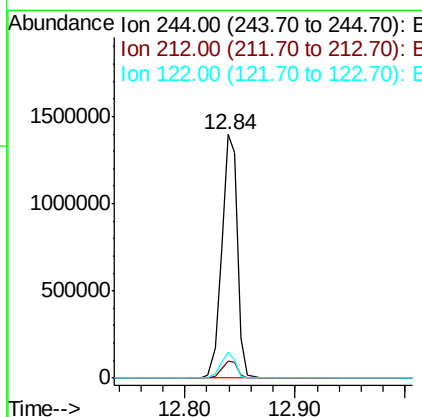
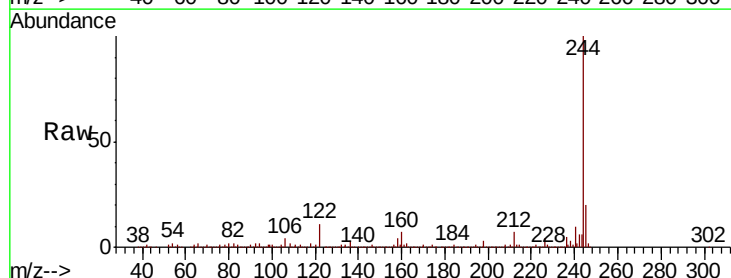
Instrument :
 BNA_F
 ClientSampleId :

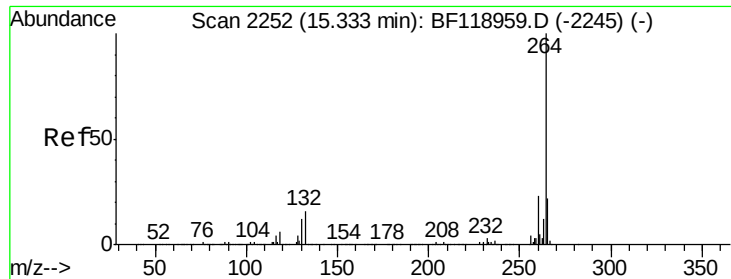
Tot Ion:240 Resp: 330340
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 26.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 71.596 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119096.D
 Acq: 26 Feb 2020 15:54

Tgt Ion:244 Resp: 1373730
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 10.6 8.2 12.2

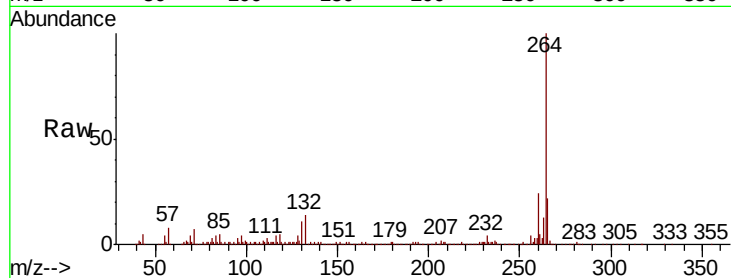




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119096.D
Acq: 26 Feb 2020 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	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

