

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119110.D
 Acq On : 27 Feb 2020 15:13
 Operator : CG/JU
 Sample : L1694-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:54:32 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

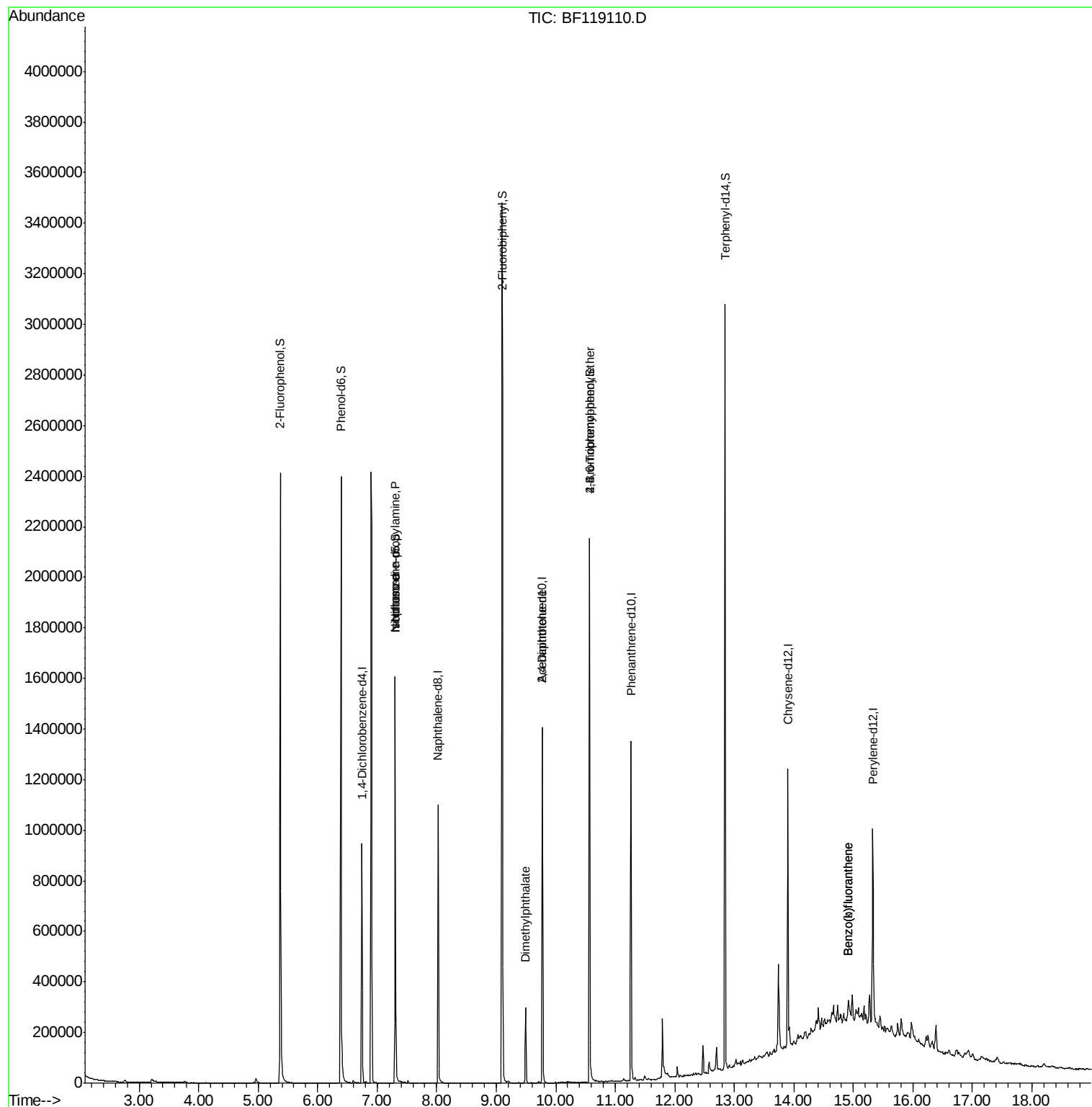
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	146884	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	564146	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	299824	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	526811	20.00	ng	0.00
76) Chrysene-d12	13.90	240	363265	20.00	ng	0.00
87) Perylene-d12	15.33	264	357101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	779530	88.69	ng	0.00
7) Phenol-d6	6.39	99	935791	87.54	ng	-0.01
23) Nitrobenzene-d5	7.30	82	592728	55.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	304283	77.58	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1149048	56.46	ng	-0.01
79) Terphenyl-d14	12.84	244	1149506	54.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	81528	13.089	ng	# 74
25) Isophorone	7.30	82	592720	31.942	ng	# 63
50) Dimethylphthalate	9.49	163	131657	5.742	ng	100
57) 2,4-Dinitrotoluene	9.77	165	38711	5.863	ng	# 21
67) 4-Bromophenyl-phenylether	10.57	248	19637	2.852	ng	# 1
88) Benzo(b)fluoranthene	14.92	252	47977	2.038	ng	# 95
89) Benzo(k)fluoranthene	14.92	252	47977	2.199	ng	# 95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119110.D
Acq On : 27 Feb 2020 15:13
Operator : CG/JU
Sample : L1694-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 28 02:54:32 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



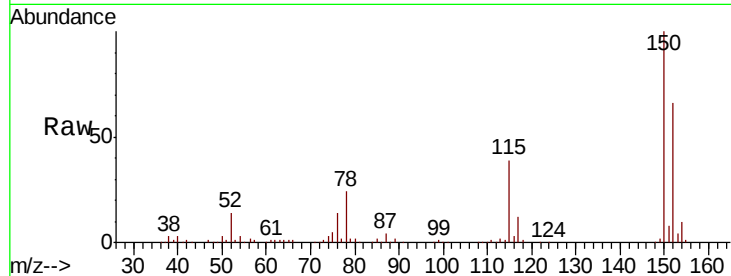


#1

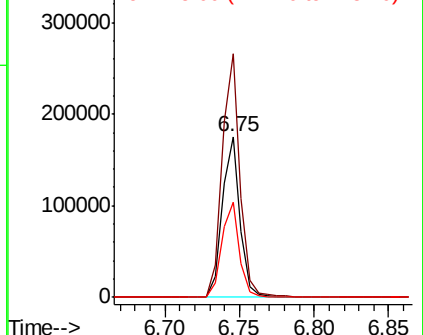
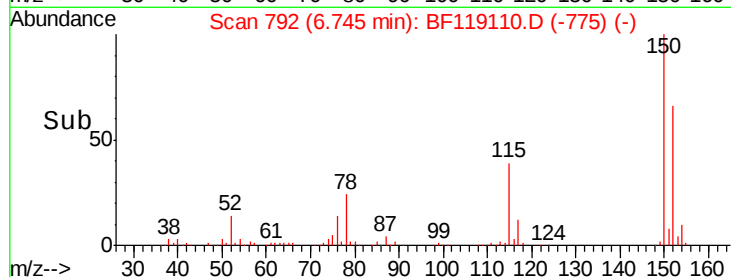
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF119110.D
 Acq: 27 Feb 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.0	184.6
115	58.9	49.5	74.3



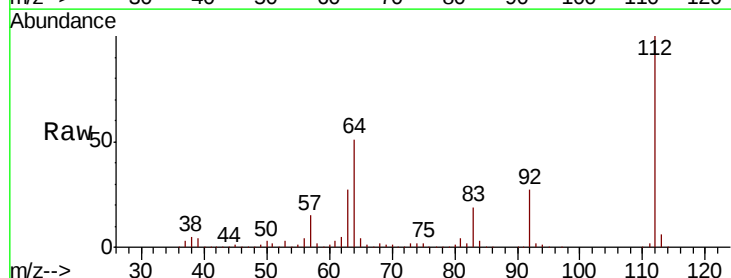
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



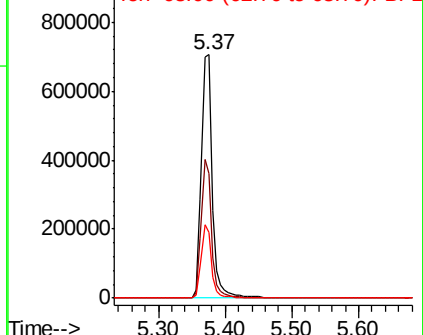
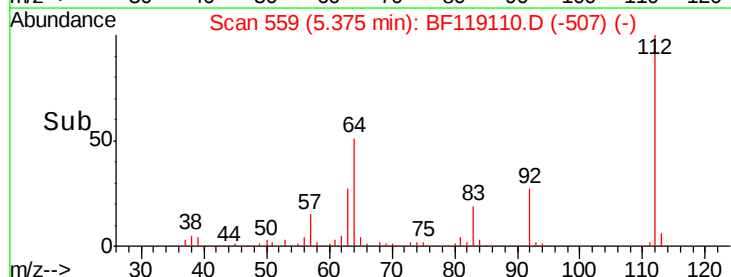
#5

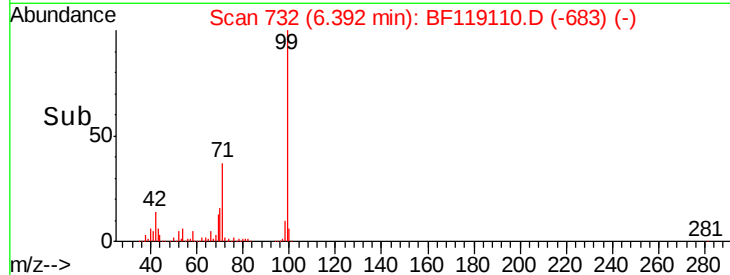
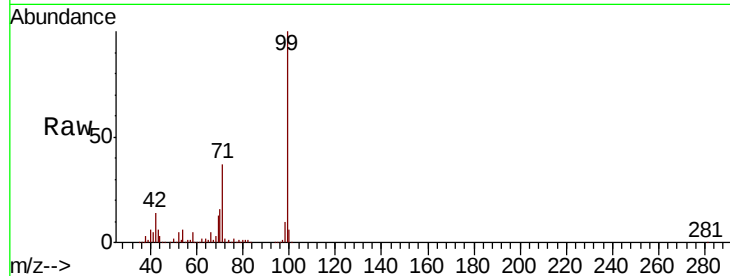
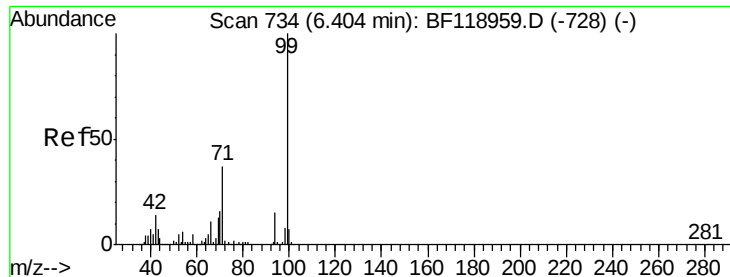
2-Fluorophenol
 Concen: 88.691 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF119110.D
 Acq: 27 Feb 2020 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	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

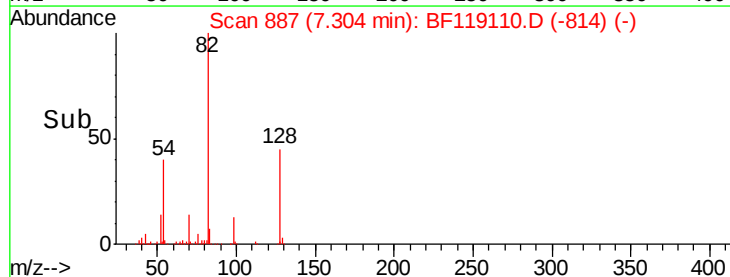
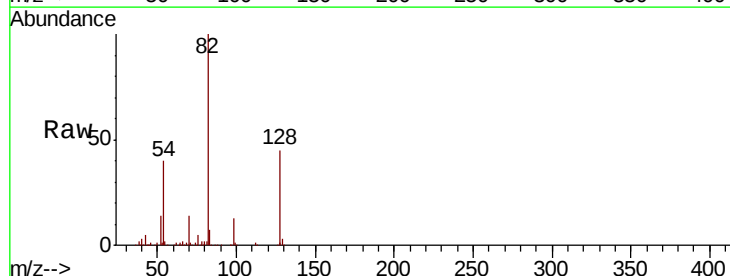
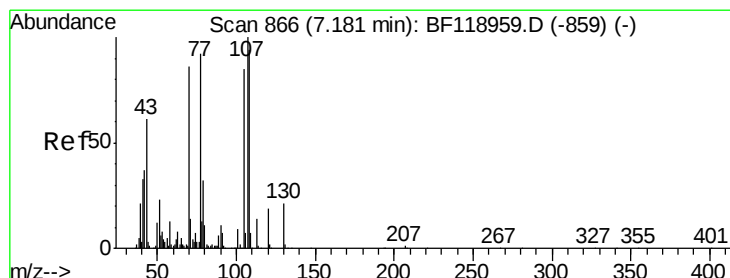
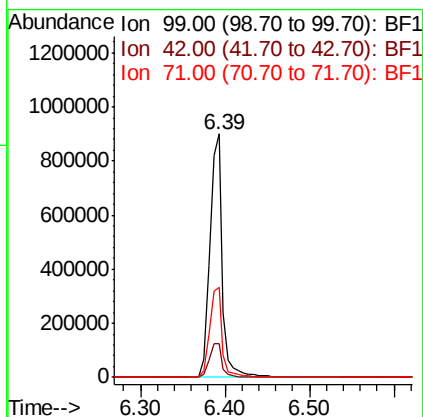




#7
Phenol-d6
Concen: 87.544 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF119110.D
Acq: 27 Feb 2020 15:13

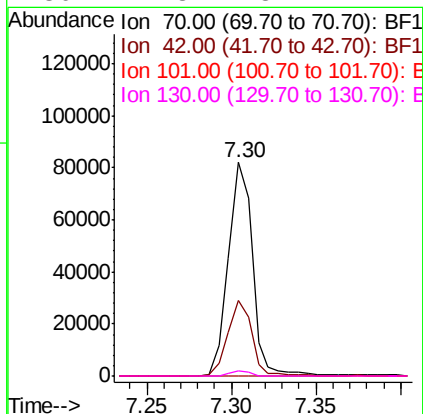
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.6	18.8
71	37.0	31.0	46.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.089 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF119110.D
Acq: 27 Feb 2020 15:13

Tgt Ion	Ratio	Lower	Upper
70	100		
42	35.2	38.0	57.0#
101	0.0	8.2	12.4#
130	2.3	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: BF119110.D

Acq: 27 Feb 2020 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 564146

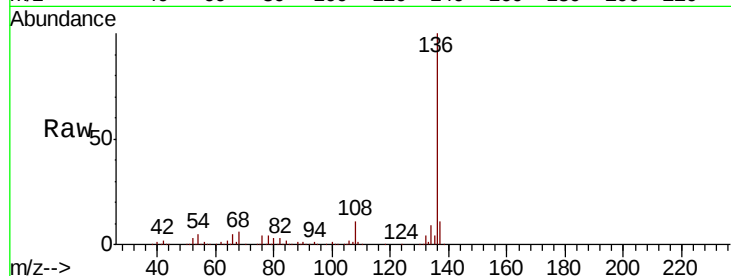
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.3 3.8 5.6

68 5.7 3.9 5.9

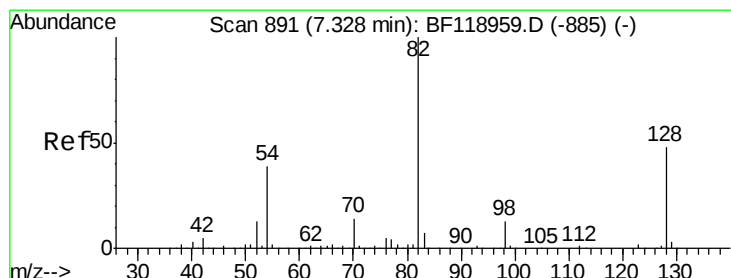
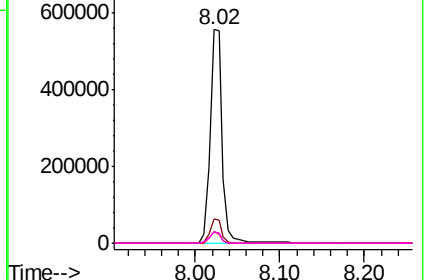
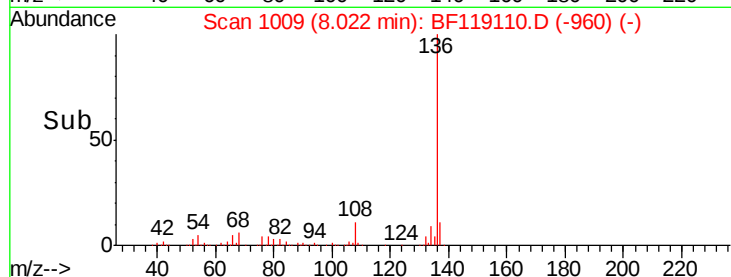


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.475 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119110.D

Acq: 27 Feb 2020 15:13

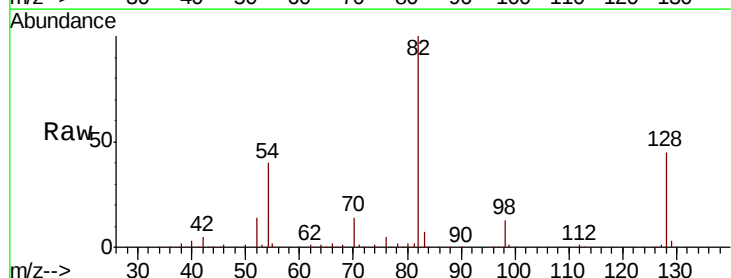
Tgt Ion: 82 Resp: 592728

Ion Ratio Lower Upper

82 100

128 45.5 37.9 56.9

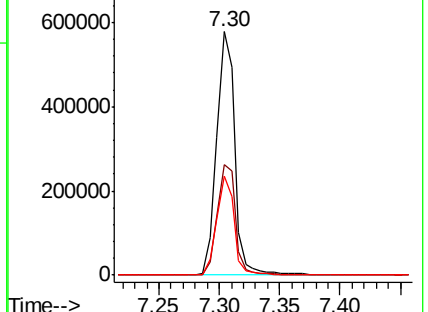
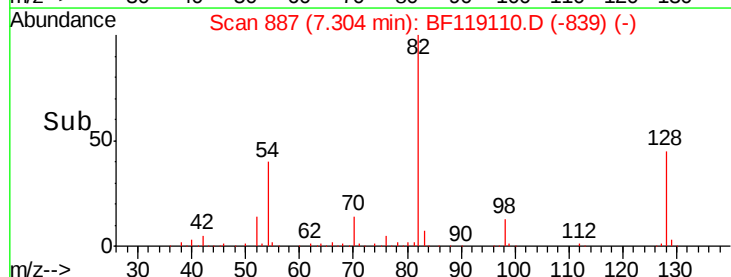
54 40.4 33.4 50.2

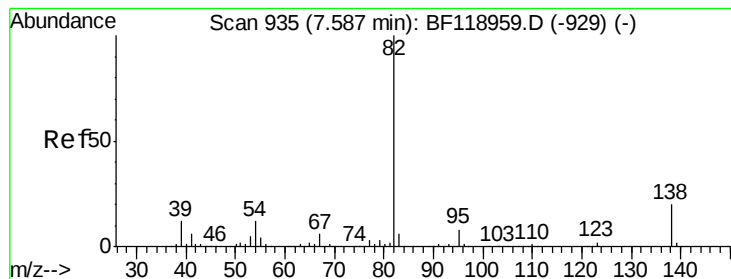


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.942 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119110.D

Acq: 27 Feb 2020 15:13

Instrument :

BNA_F

ClientSampleId :

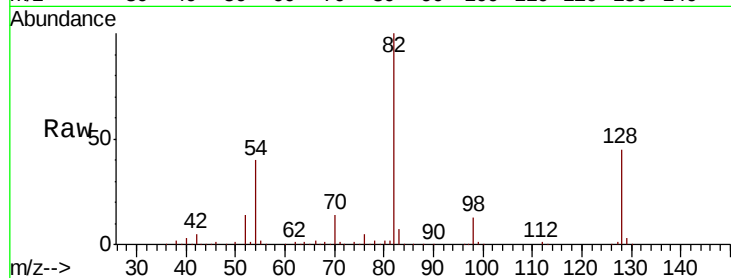
Tot Ion: 82 Resp: 592720

Ion Ratio Lower Upper

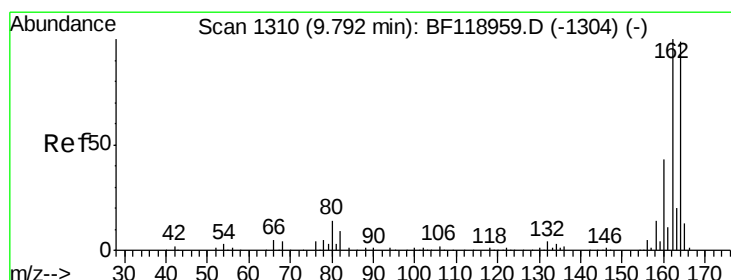
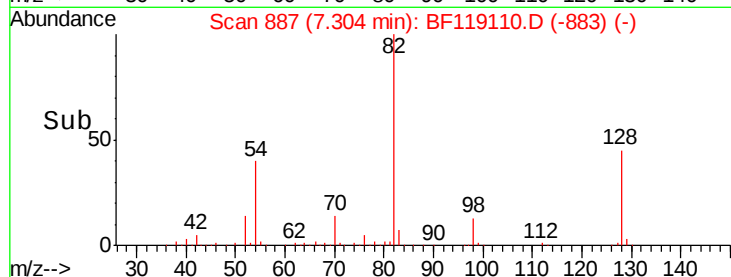
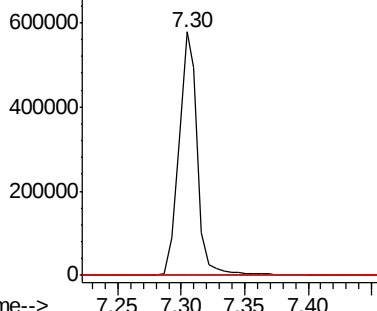
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119110.D

Acq: 27 Feb 2020 15:13

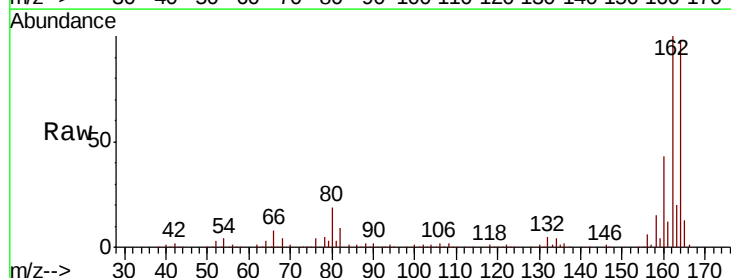
Tgt Ion:164 Resp: 299824

Ion Ratio Lower Upper

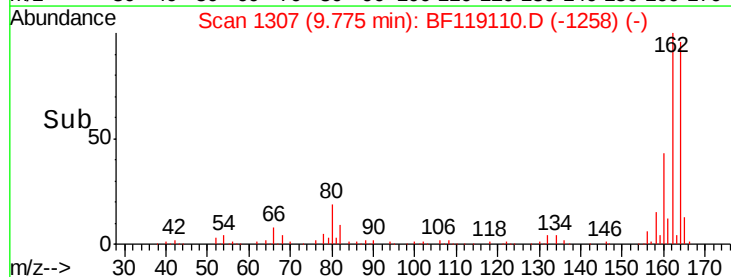
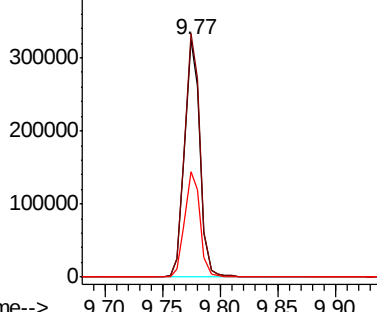
164 100

162 102.4 81.8 122.8

160 44.4 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

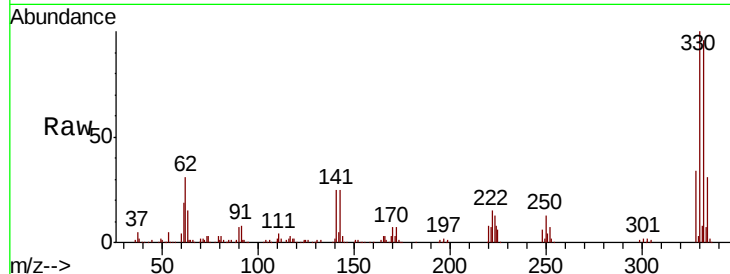




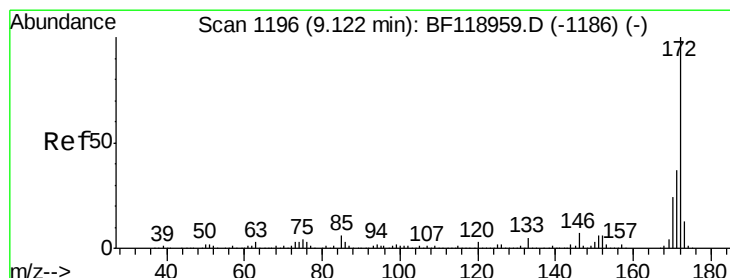
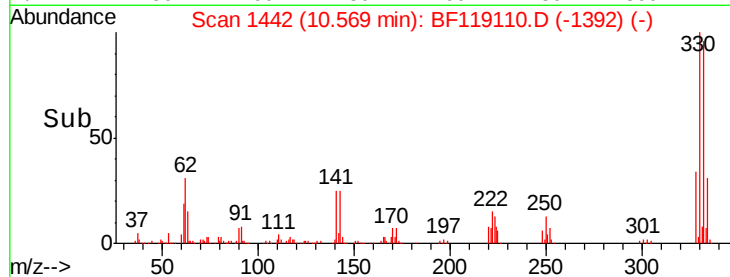
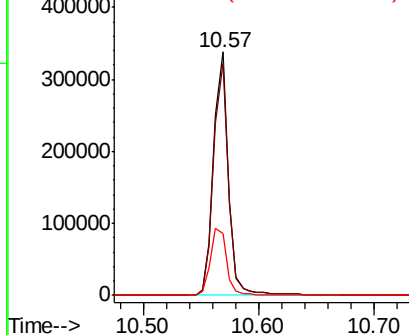
#42
 2,4,6-Tribromophenol
 Concen: 77.580 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119110.D
 Acq: 27 Feb 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	30.2	22.9	34.3

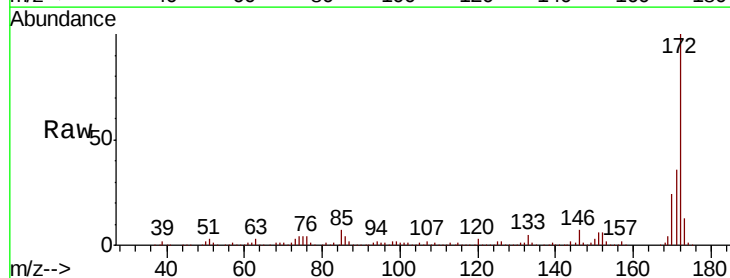


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

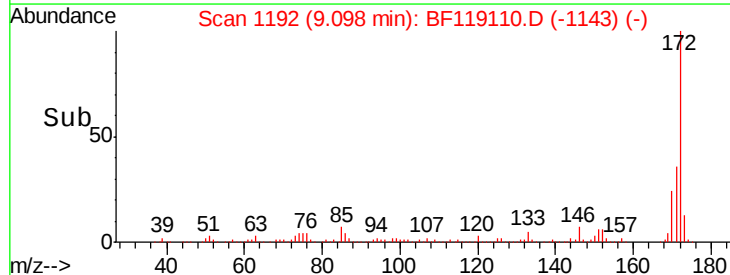
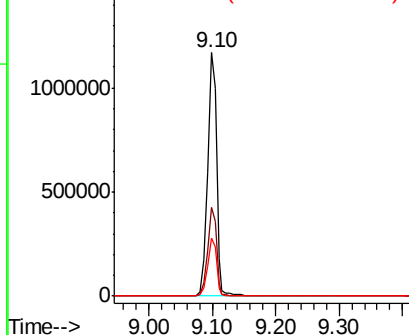


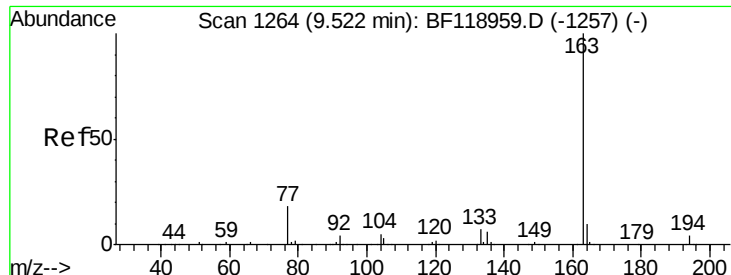
#45
 2-Fluorobiphenyl
 Concen: 56.458 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119110.D
 Acq: 27 Feb 2020 15:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	23.9	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

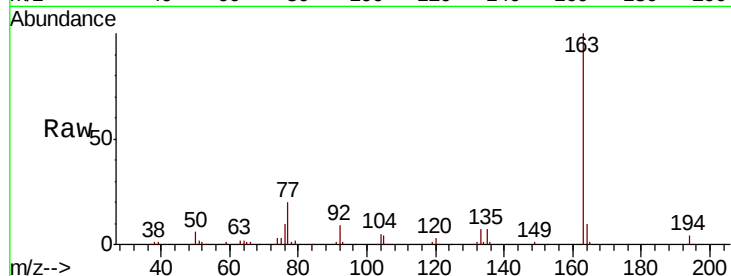




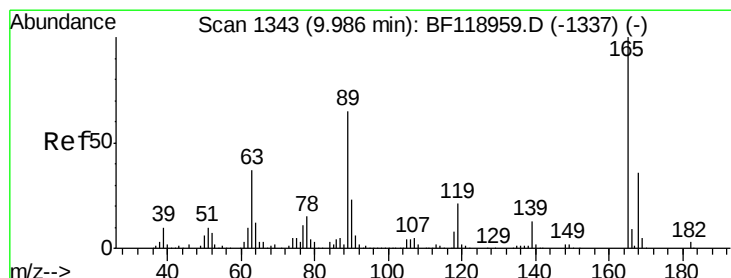
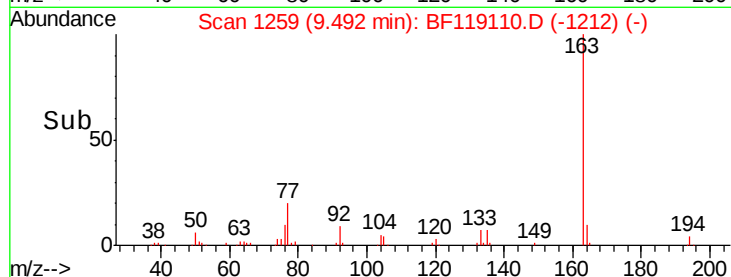
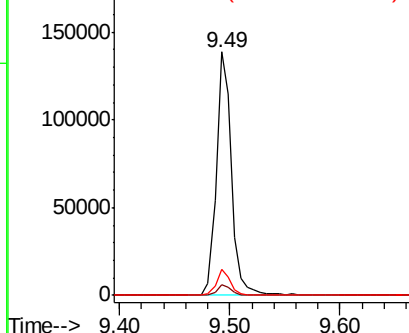
#50
Dimethylphthalate
Concen: 5.742 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119110.D
Acq: 27 Feb 2020 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.5	8.4	12.6



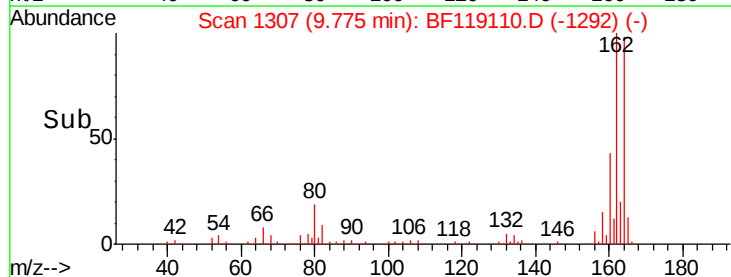
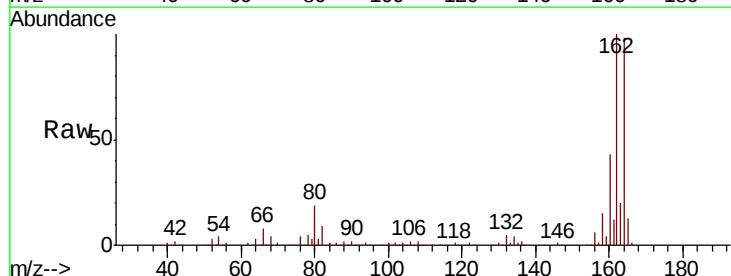
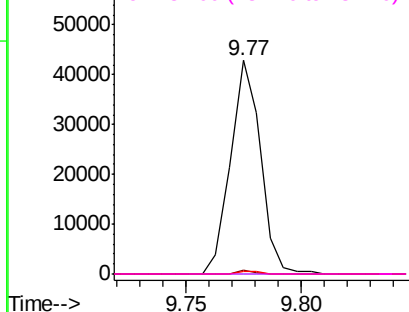
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

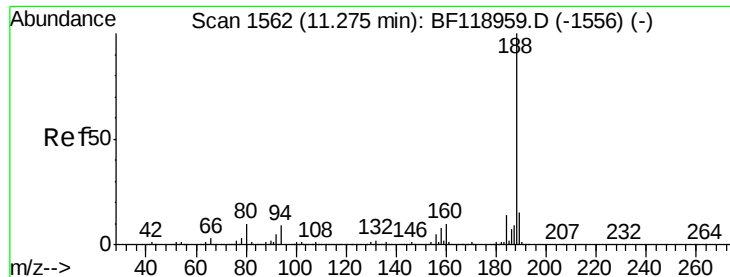


#57
2,4-Dinitrotoluene
Concen: 5.863 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.21 min
Lab File: BF119110.D
Acq: 27 Feb 2020 15:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	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

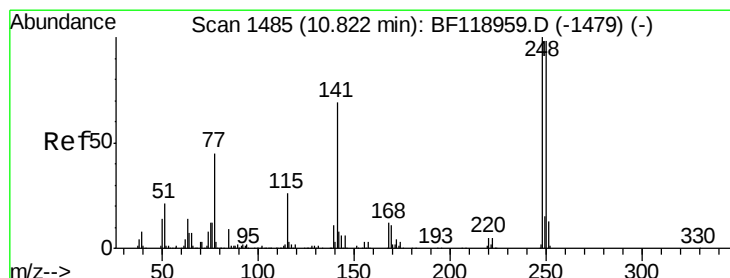
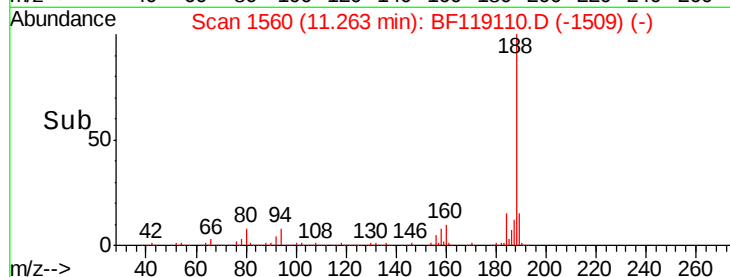
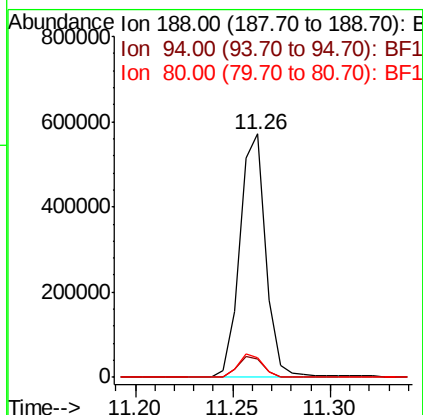
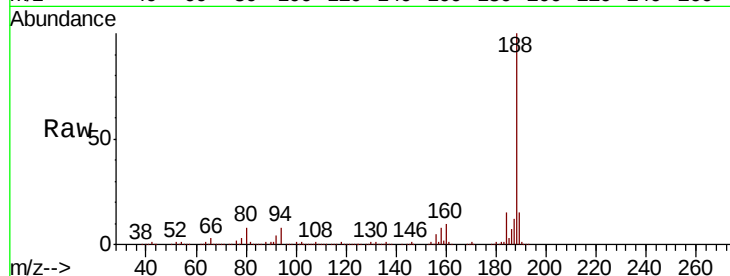




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF119110.D
 Acq: 27 Feb 2020 15:13

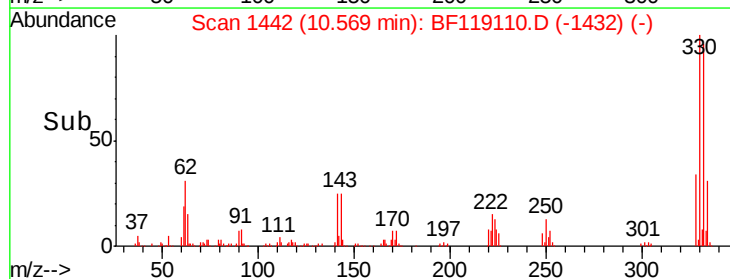
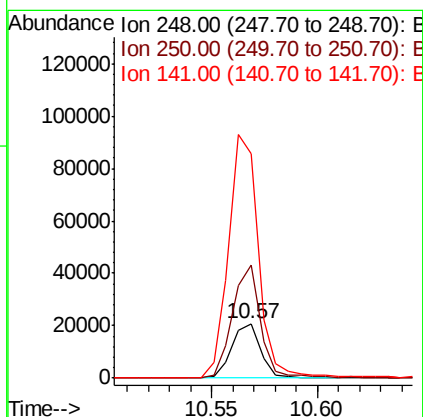
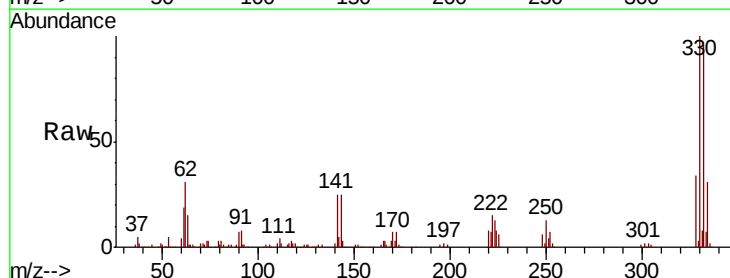
Instrument :
 BNA_F
 ClientSampleId :

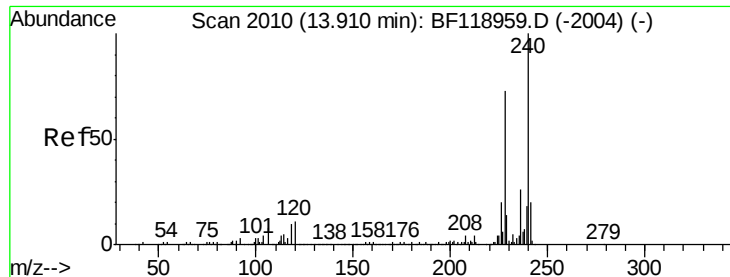
Tot Ion:188 Resp: 526811
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.1 10.7
 80 8.0 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.852 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF119110.D
 Acq: 27 Feb 2020 15:13

Tgt Ion:248 Resp: 19637
 Ion Ratio Lower Upper
 248 100
 250 207.4 76.7 115.1#
 141 412.8 60.7 91.1#

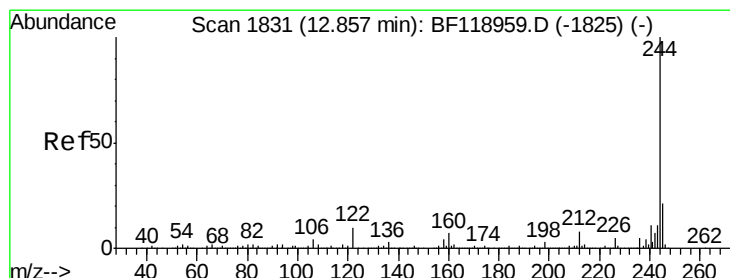
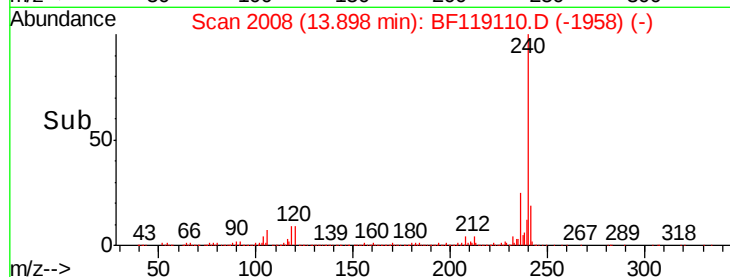
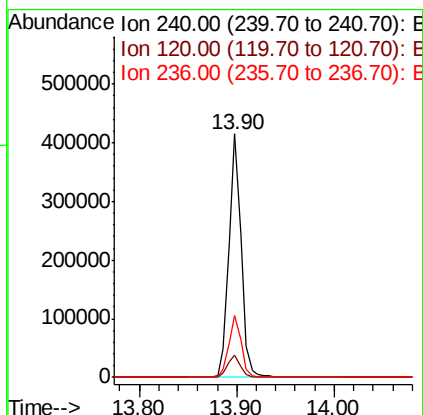
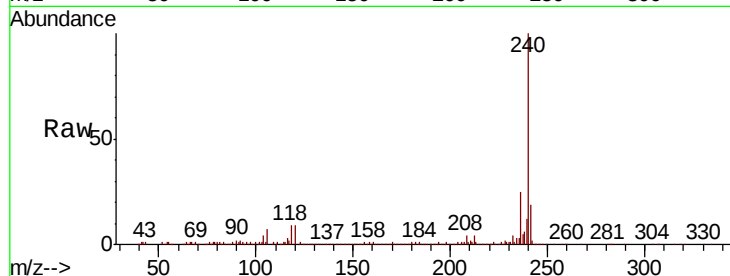




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119110.D
 Acq: 27 Feb 2020 15:13

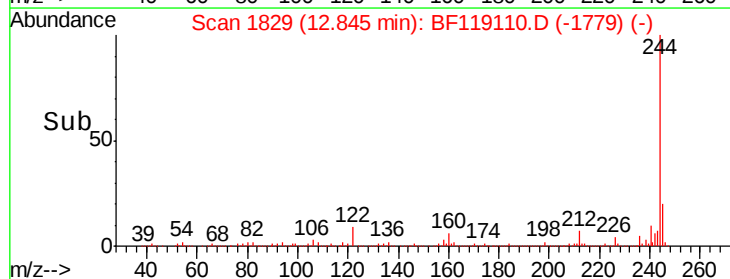
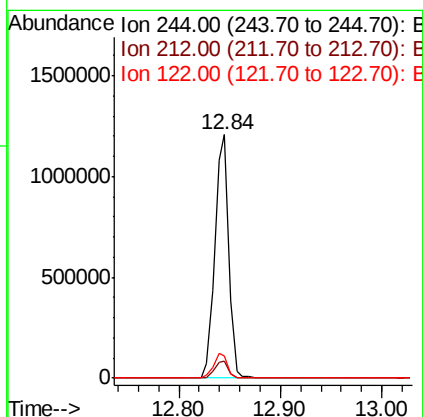
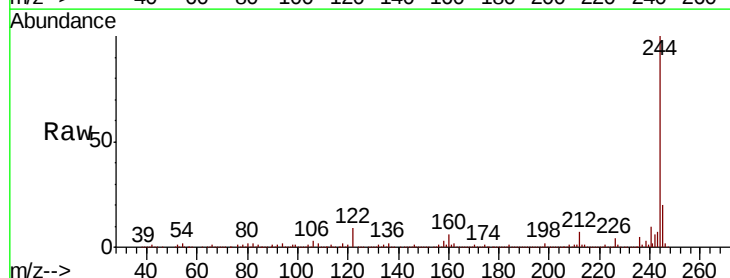
Instrument :
 BNA_F
 ClientSampleId :

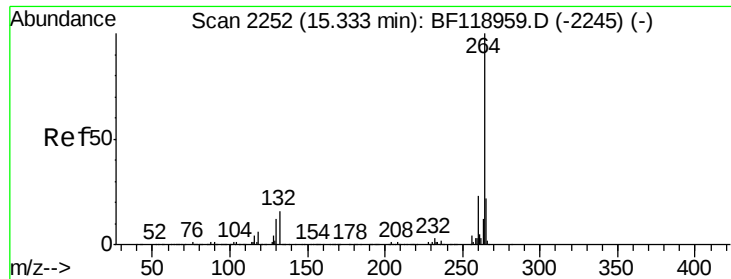
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	25.3	21.0	31.4



#79
 Terphenyl-d14
 Concen: 54.480 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119110.D
 Acq: 27 Feb 2020 15:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	10.0
122	9.0	8.2	12.2

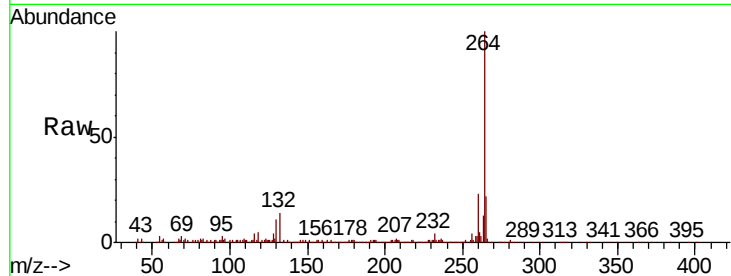




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119110.D
Acq: 27 Feb 2020 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.1	17.7	26.5

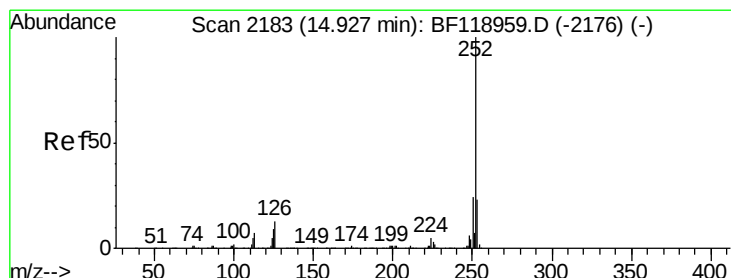
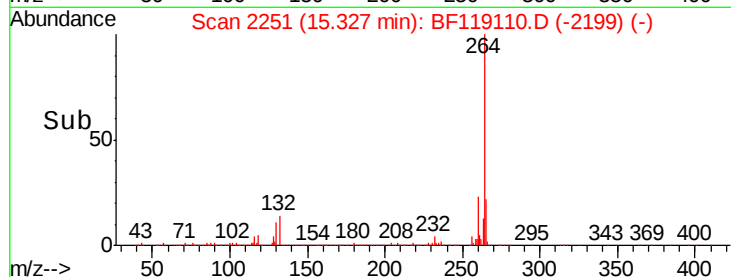
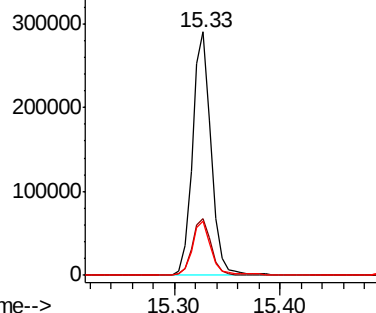


Abundance

Ion 264.00 (263.70 to 264.70): E

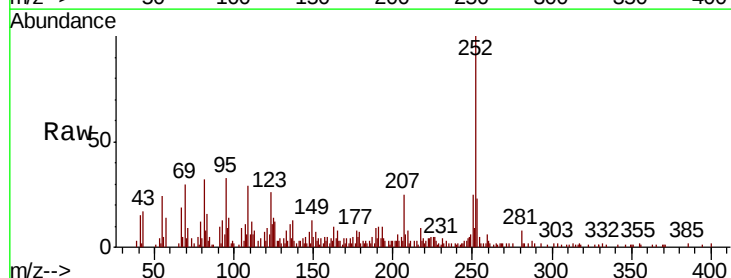
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.038 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119110.D
Acq: 27 Feb 2020 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.4	7.4	11.0

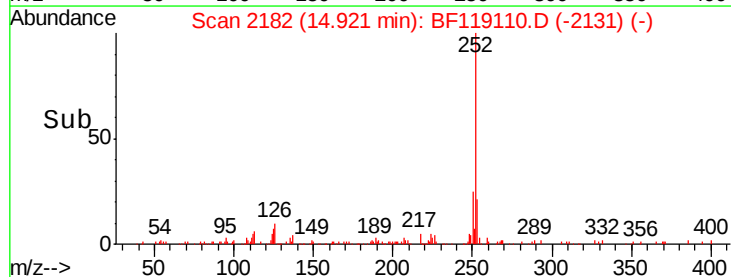
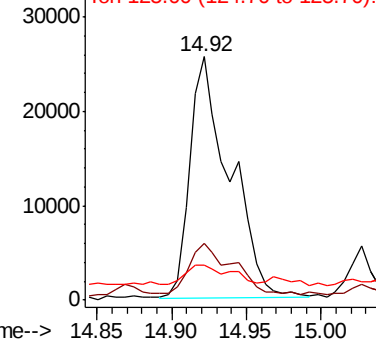


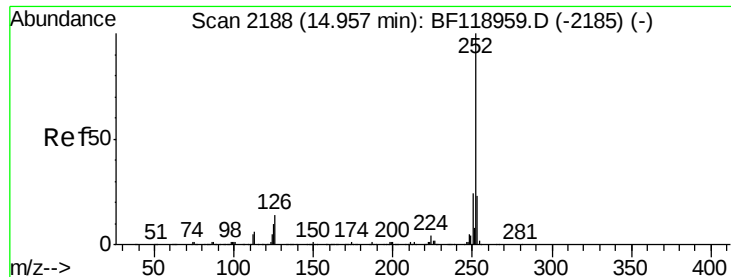
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.199 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.03 min

Lab File: BF119110.D

Acq: 27 Feb 2020 15:13

Instrument :

BNA_F

ClientSampleId :

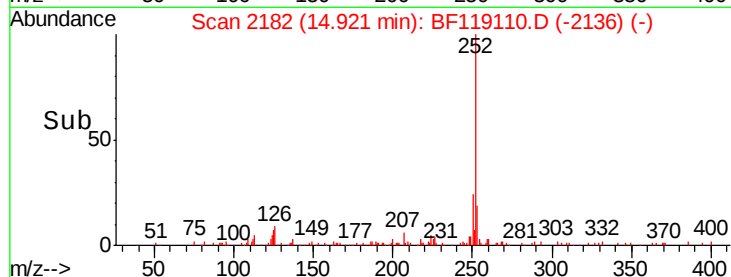
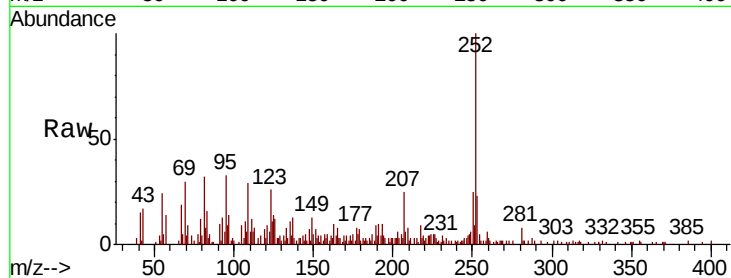
Tot Ion: 252 Resp: 47977

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 14.4 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

