

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119183.D
 Acq On : 2 Mar 2020 22:19
 Operator : CG/JU
 Sample : L1743-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:22:30 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

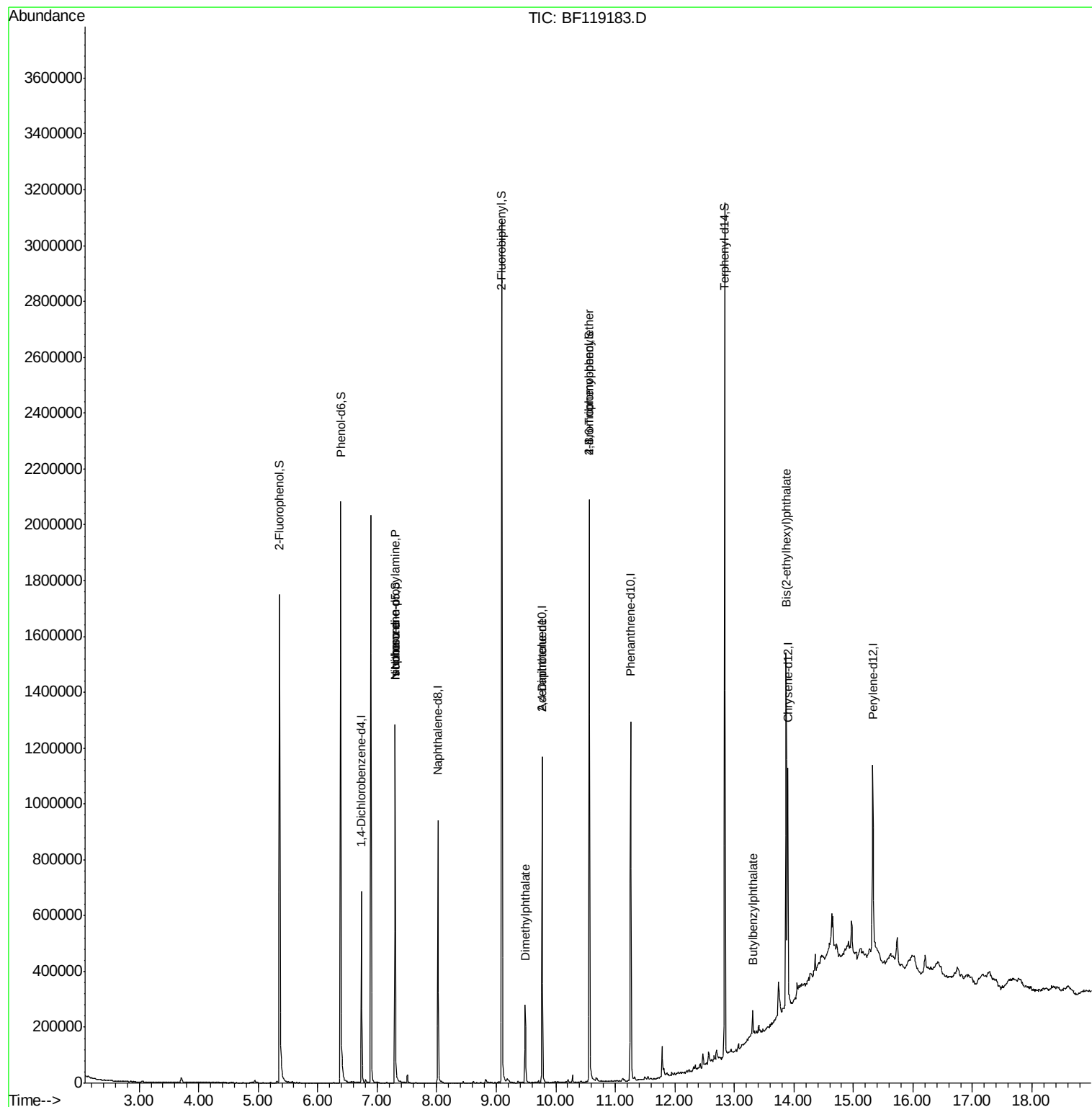
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108690	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	441034	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	253355	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	455084	20.00	ng	0.00
76) Chrysene-d12	13.90	240	298905	20.00	ng	0.00
87) Perylene-d12	15.33	264	263280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	578703	88.98	ng	-0.01
7) Phenol-d6	6.39	99	730631	92.37	ng	-0.02
23) Nitrobenzene-d5	7.30	82	478968	57.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	268179	80.92	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	989255	57.52	ng	-0.02
79) Terphenyl-d14	12.84	244	1052348	60.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	64545	14.004	ng	# 77
25) Isophorone	7.30	82	472945	32.602	ng	# 63
50) Dimethylphthalate	9.49	163	116673	6.022	ng	99
57) 2,4-Dinitrotoluene	9.77	165	31966	5.730	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	17397	2.925	ng	# 1
80) Butylbenzylphthalate	13.31	149	21301	2.109	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	367953	28.832	ng	98

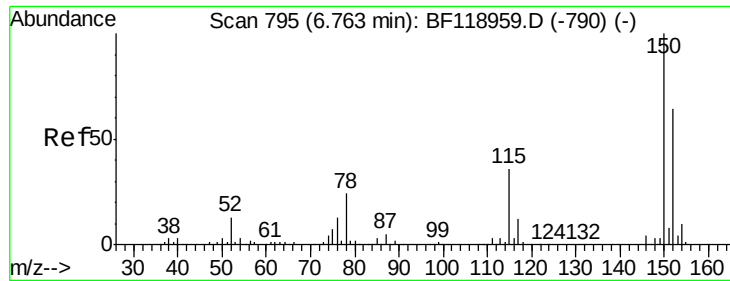
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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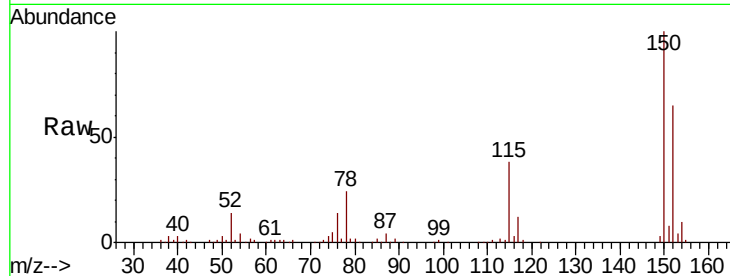


#1

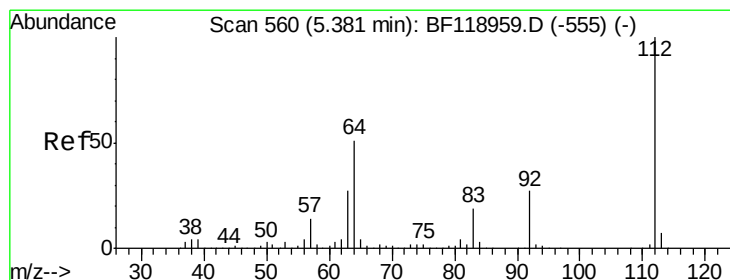
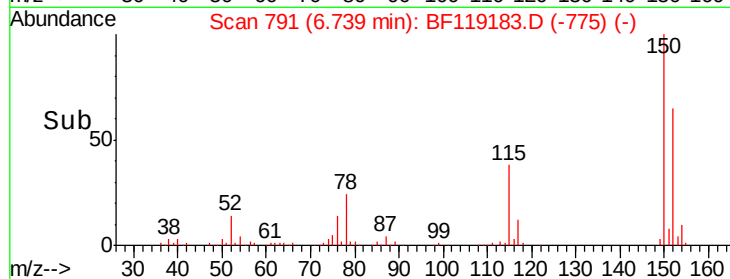
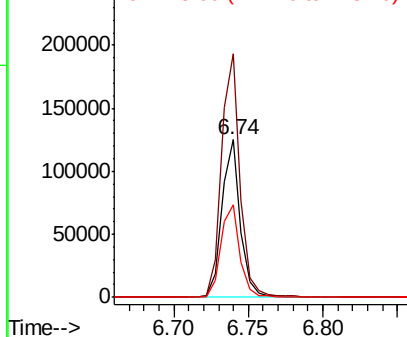
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108690
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 59.1 49.5 74.3



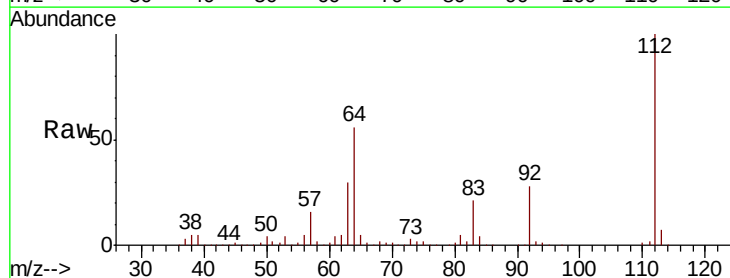
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



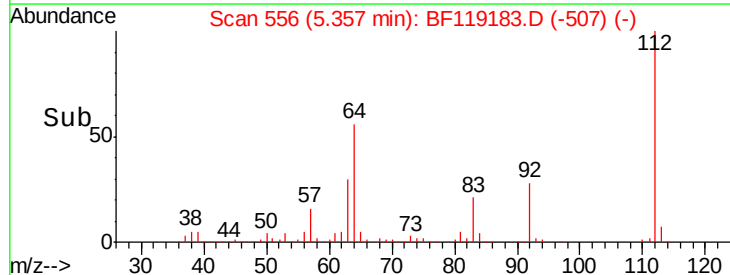
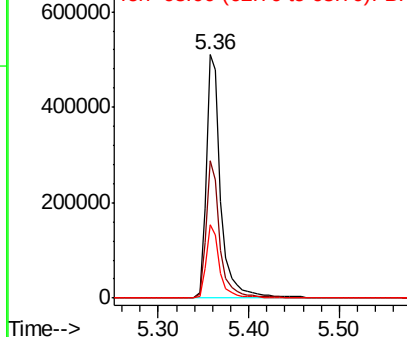
#5

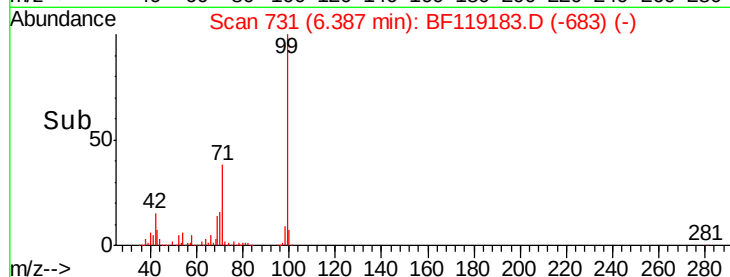
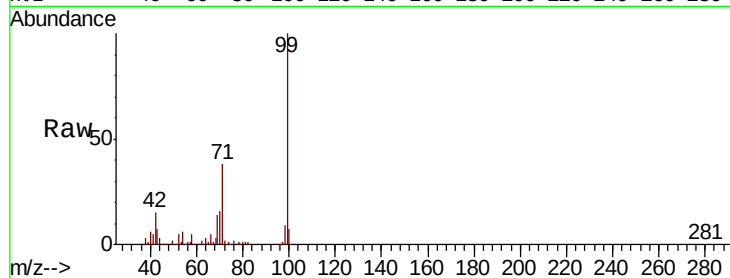
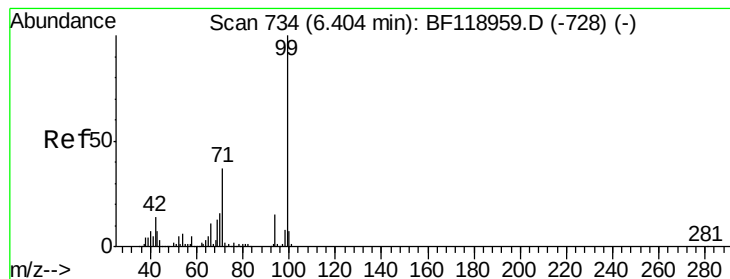
2-Fluorophenol
Concen: 88.979 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Tgt Ion:112 Resp: 578703
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 30.1 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: 92.370 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

Instrument :

BNA_F

ClientSampleId :

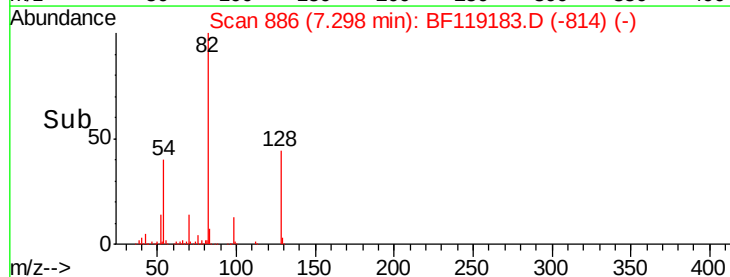
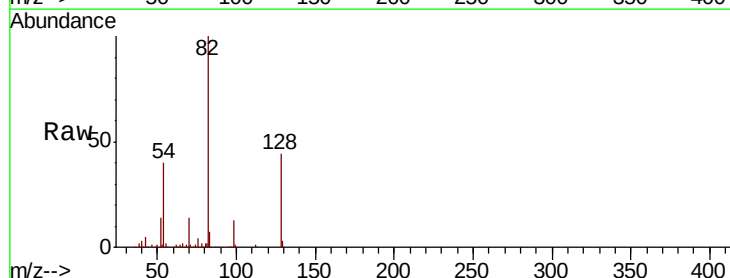
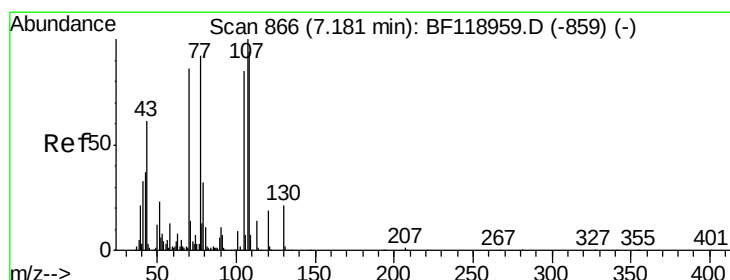
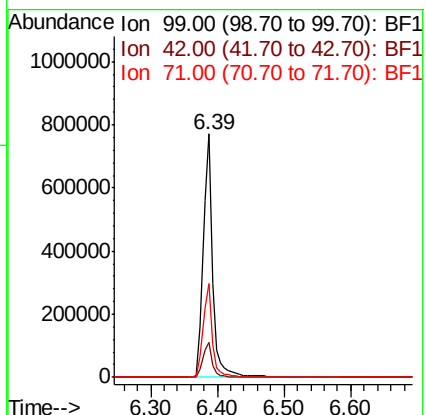
Tot Ion: 99 Resp: 730631

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

71 38.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.004 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

Tgt Ion: 70 Resp: 64545

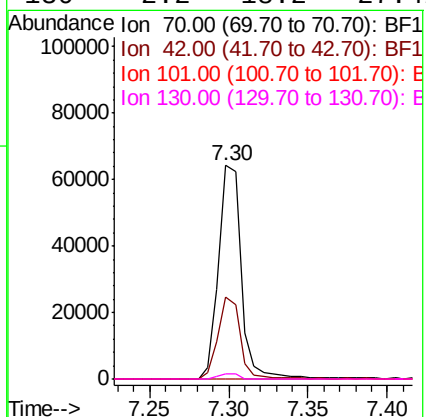
Ion Ratio Lower Upper

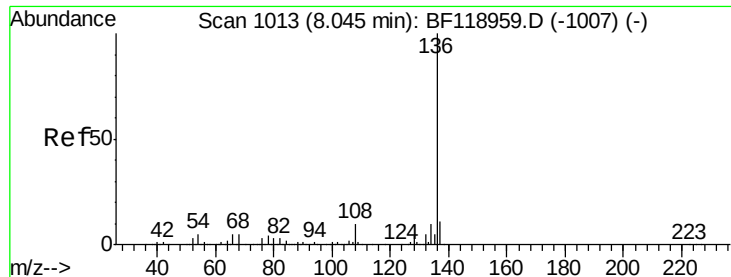
70 100

42 38.5 38.0 57.0

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#

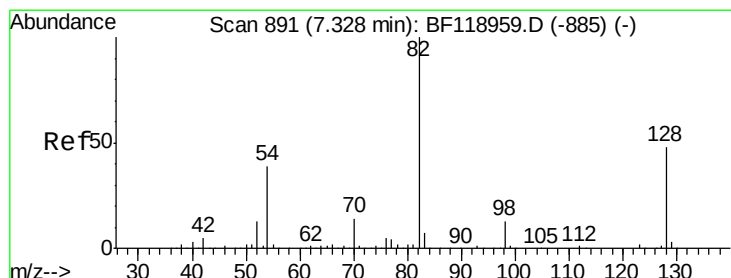
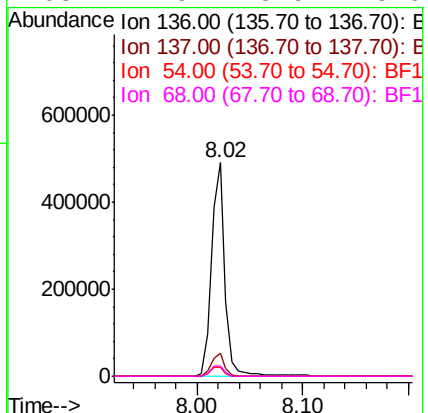
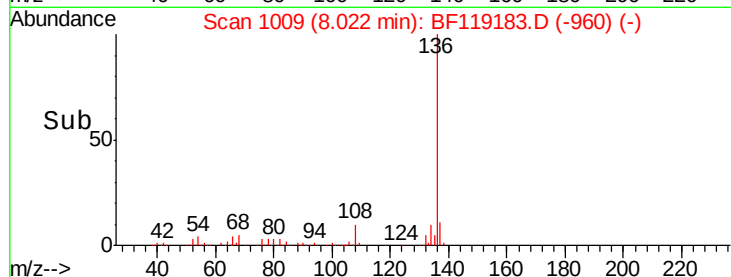
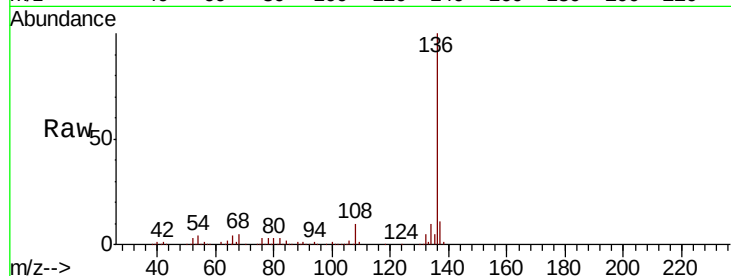




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

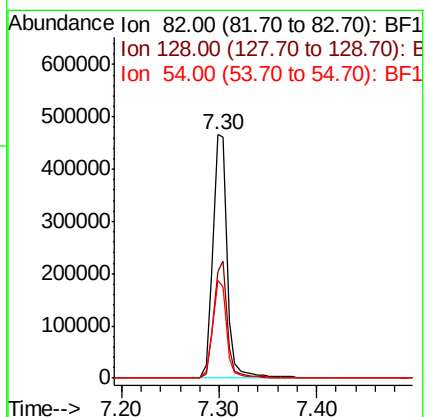
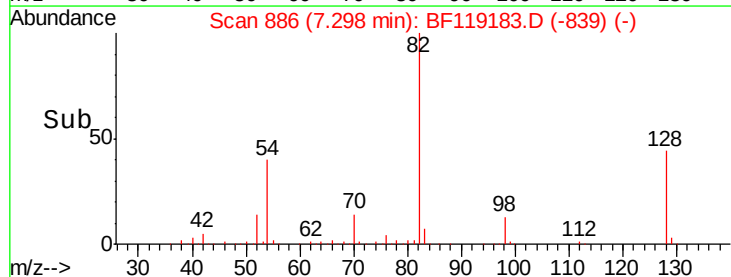
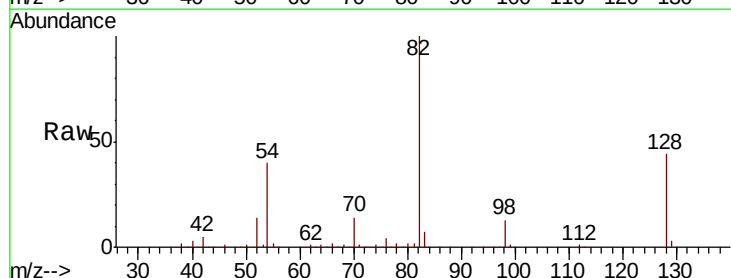
Instrument :
BNA_F
ClientSampleId :

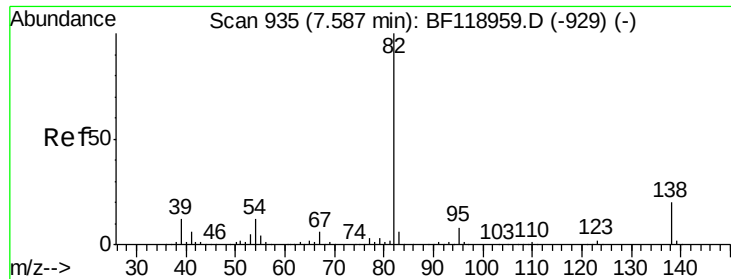
Tot Ion:136	Resp:	441034
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	4.4	3.8 5.6
68	4.9	3.9 5.9



#23
Nitrobenzene-d5
Concen: 57.341 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Tgt Ion: 82	Resp:	478968
Ion	Ratio	Lower Upper
82	100	
128	43.7	37.9 56.9
54	40.0	33.4 50.2





#25

Isophorone

Concen: 32.602 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

Instrument :

BNA_F

ClientSampleId :

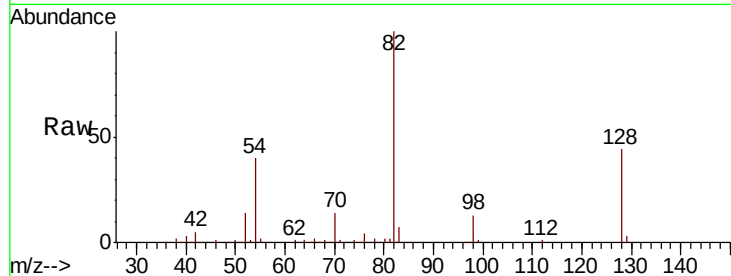
Tot Ion: 82 Resp: 472945

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

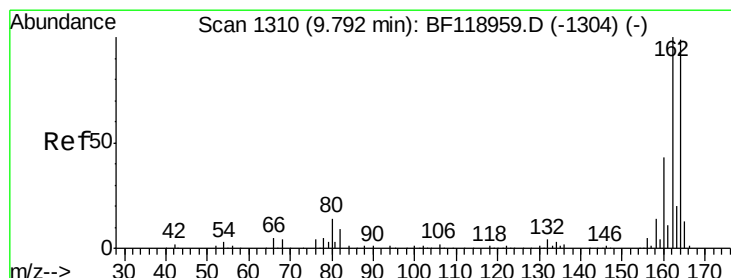
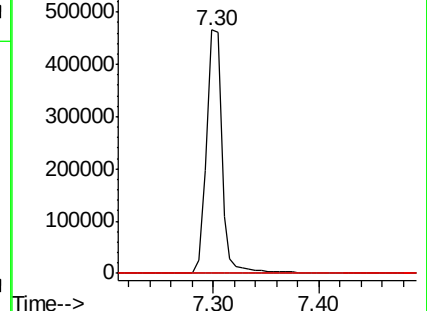
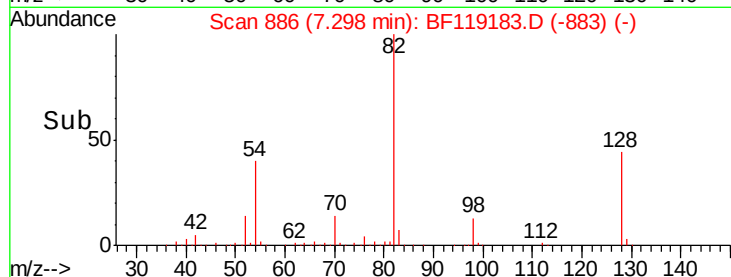
138 0.0 15.7 23.5#



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: BF119183.D

Acq: 2 Mar 2020 22:19

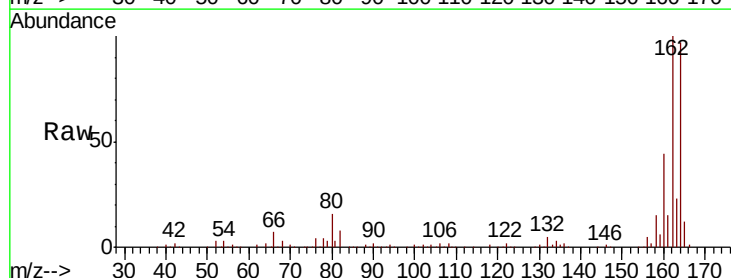
Tgt Ion:164 Resp: 253355

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.8

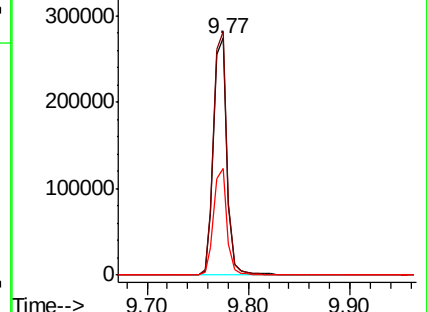
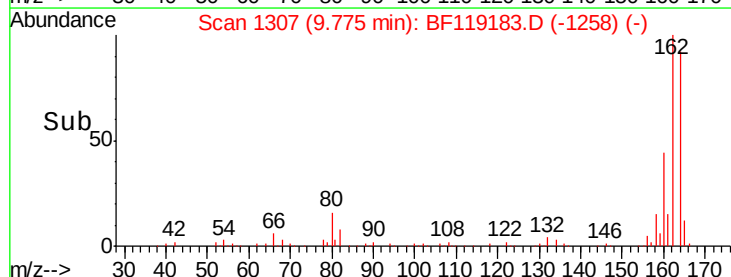
160 45.3 36.0 54.0

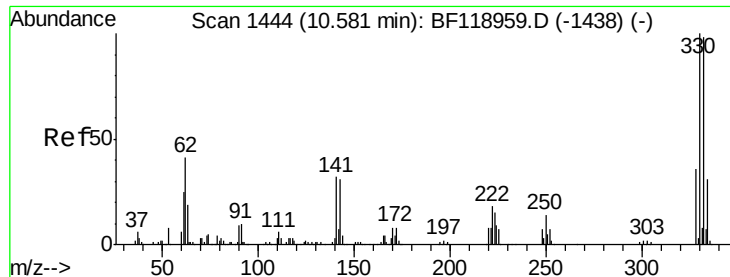


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

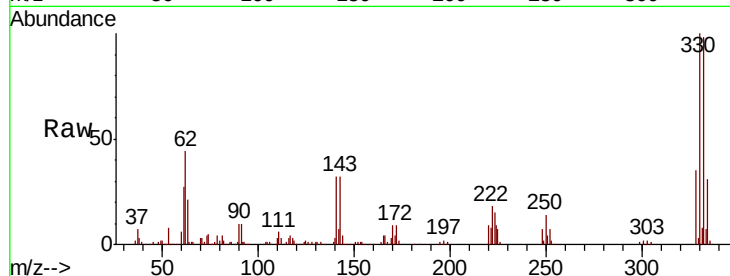




#42
 2,4,6-Tribromophenol
 Concen: 80.915 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	31.1	22.9	34.3

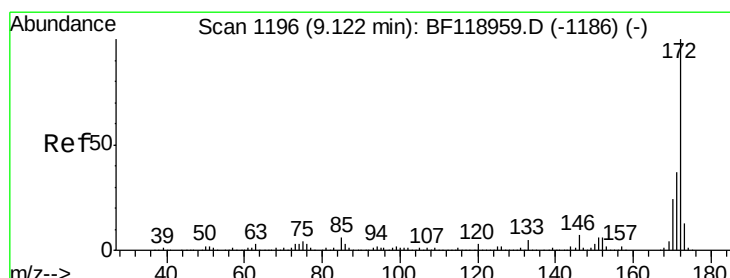
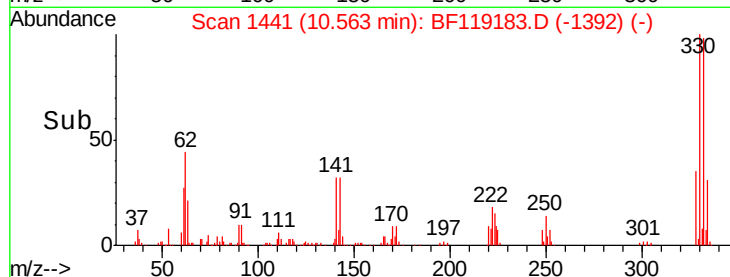
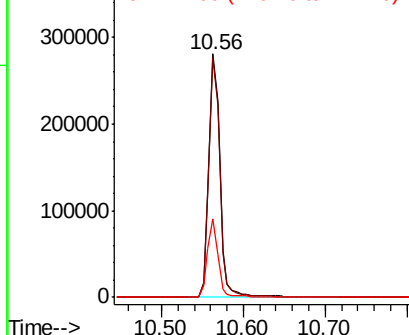


Abundance

Ion 329.80 (329.50 to 330.50): E

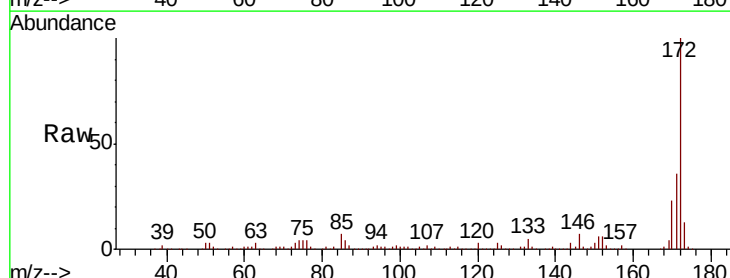
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 57.522 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.5	20.2	30.2

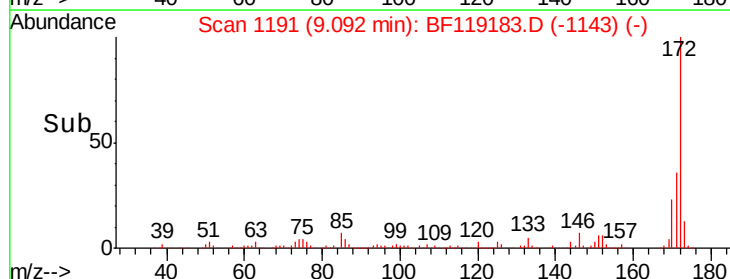
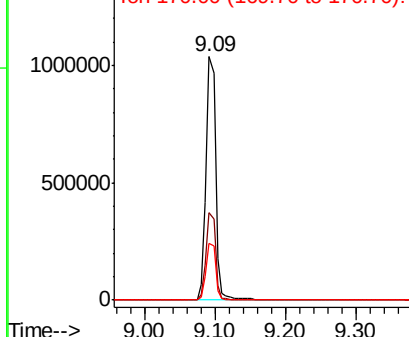


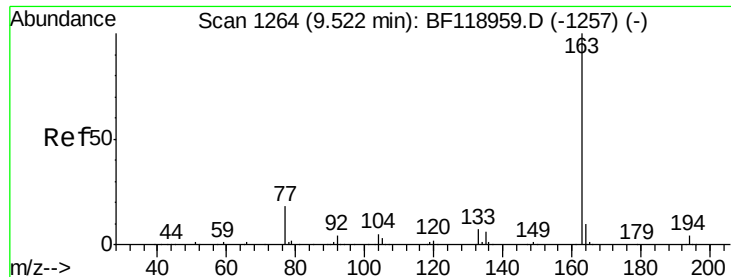
Abundance

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

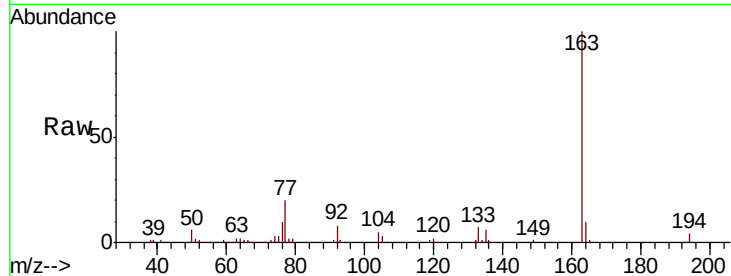




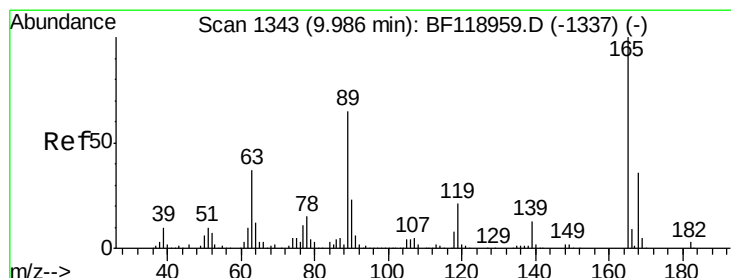
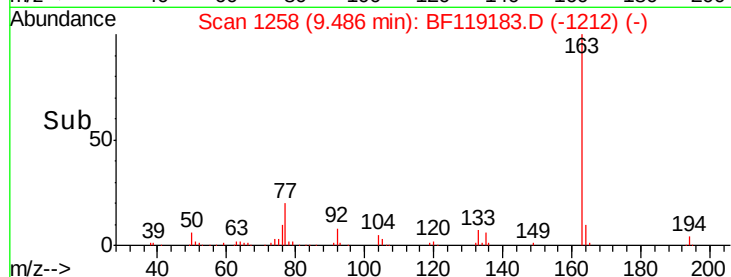
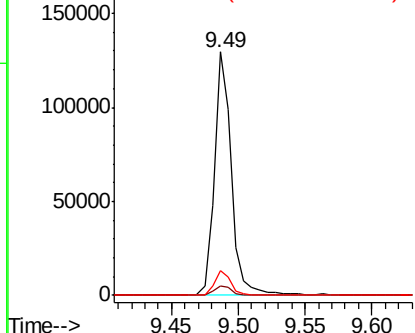
#50
Dimethylphthalate
Concen: 6.022 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 116673
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.3 8.4 12.6

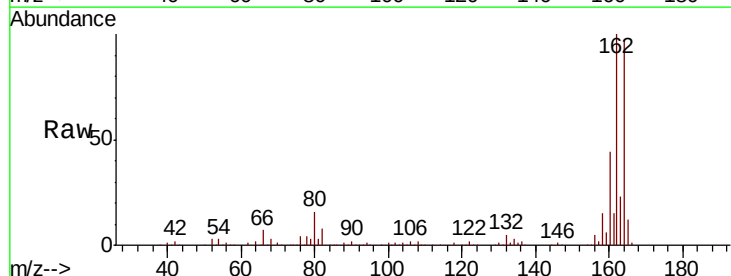


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

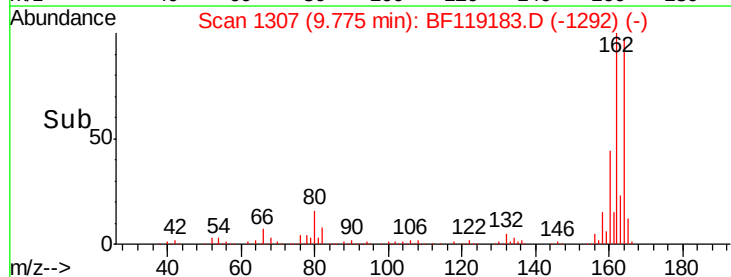
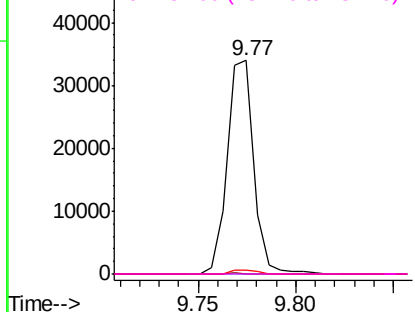


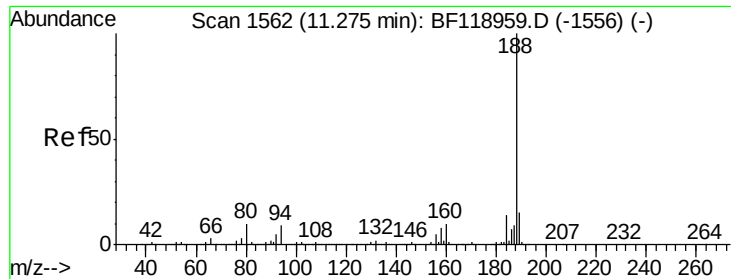
#57
2,4-Dinitrotoluene
Concen: 5.730 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.21 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Tgt Ion:165 Resp: 31966
Ion Ratio Lower Upper
165 100
63 0.0 42.3 63.5#
89 1.6 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

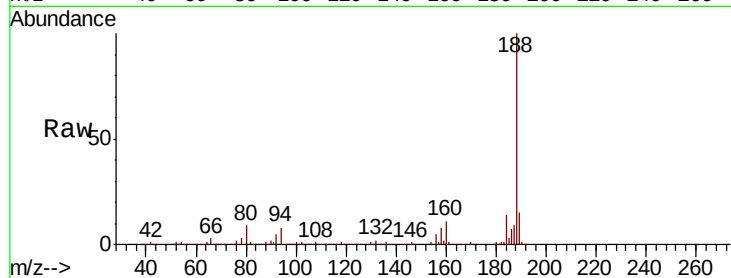




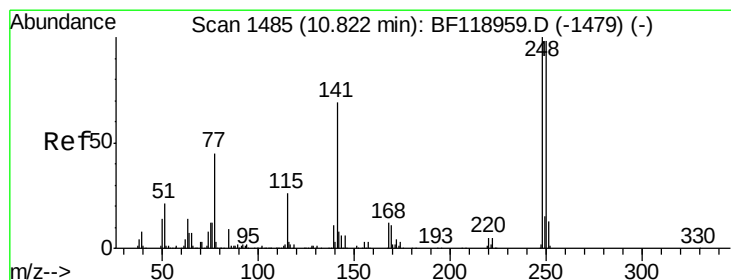
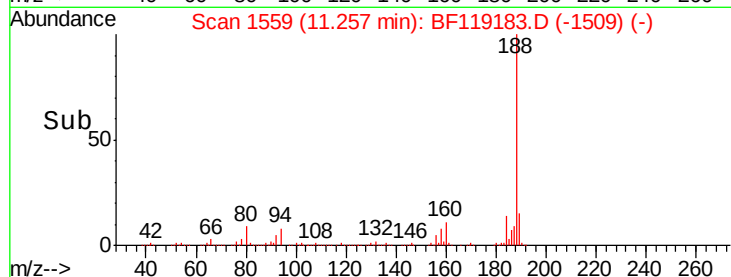
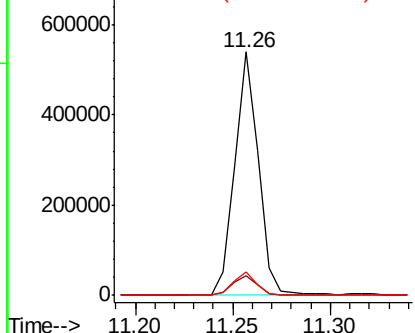
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 455084
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 9.5 7.8 11.8

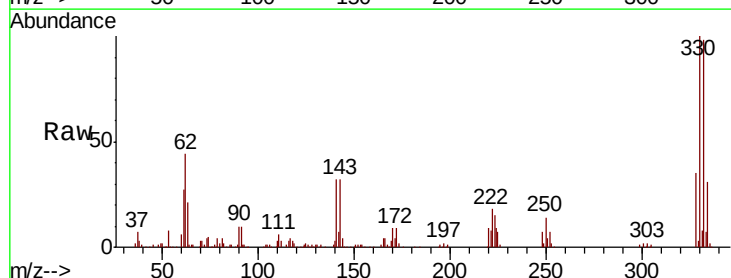


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

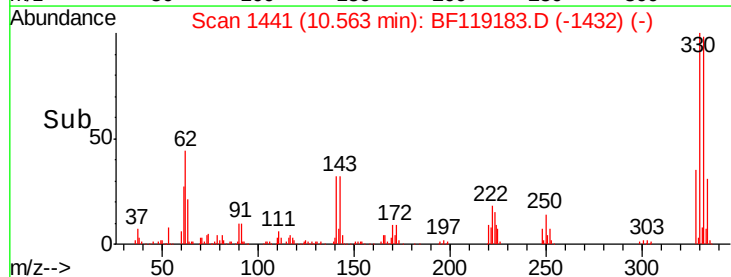
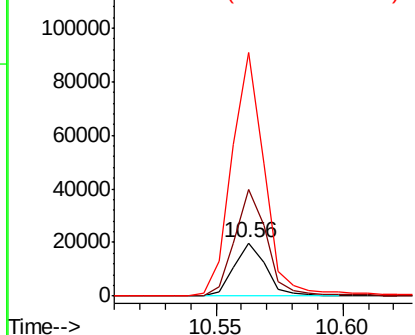


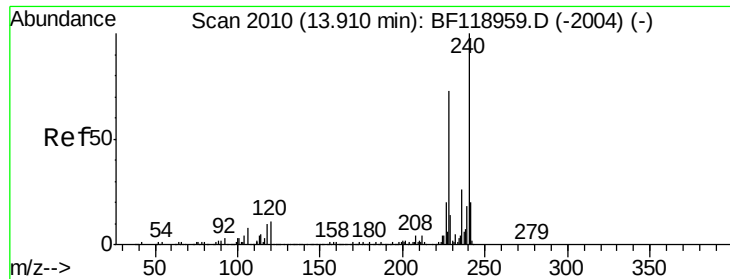
#67
4-Bromophenyl-phenylether
Concen: 2.925 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Tgt Ion:248 Resp: 17397
Ion Ratio Lower Upper
248 100
250 200.2 76.7 115.1#
141 457.1 60.7 91.1#



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

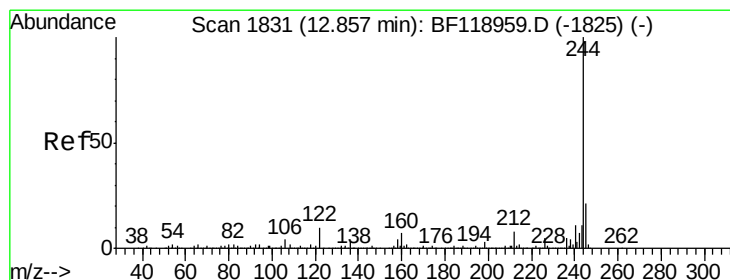
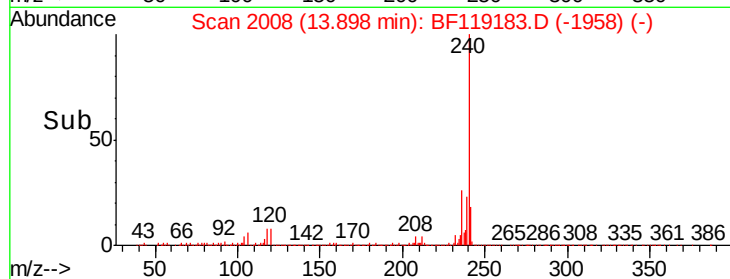
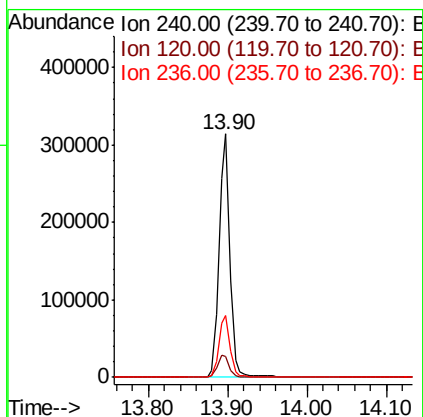
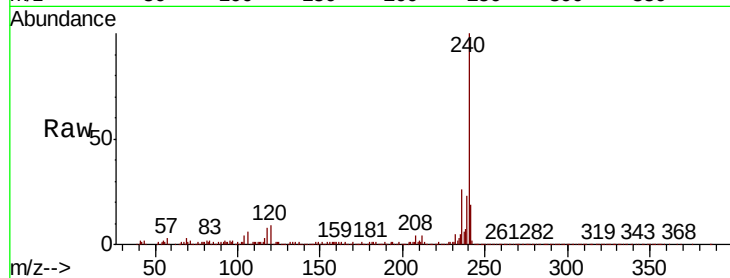




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

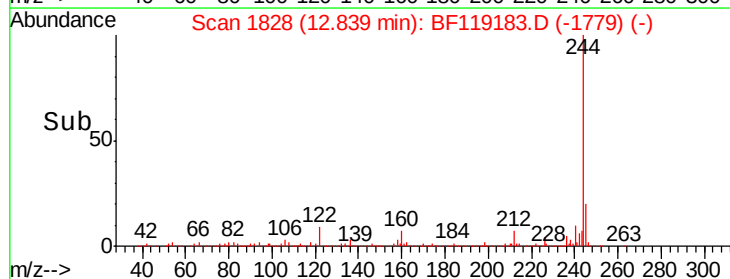
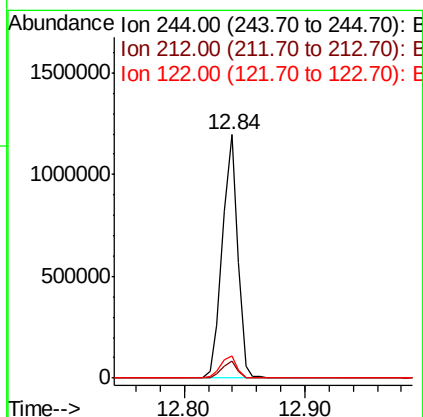
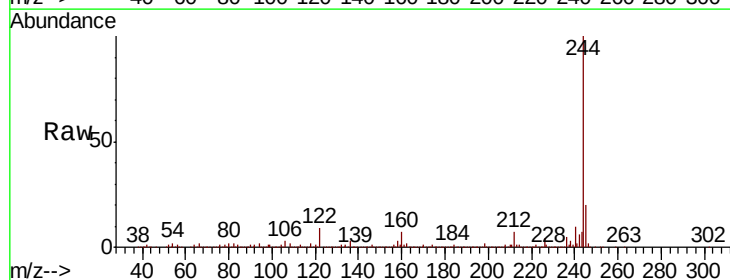
Instrument :
 BNA_F
 ClientSampleId :

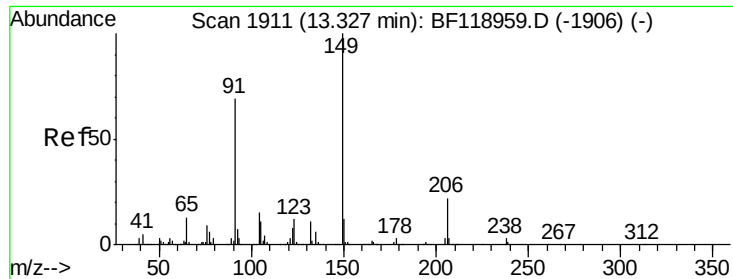
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.4	12.6
236	25.6	21.0	31.4



#79
 Terphenyl-d14
 Concen: 60.615 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	9.3	8.2	12.2

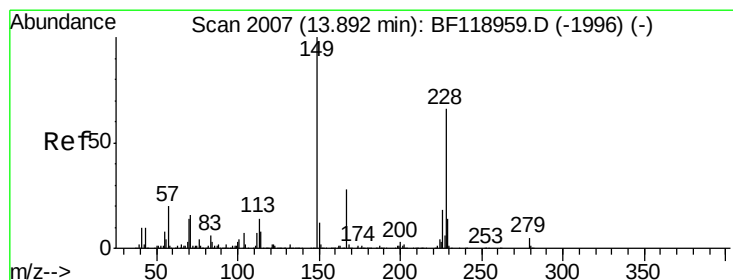
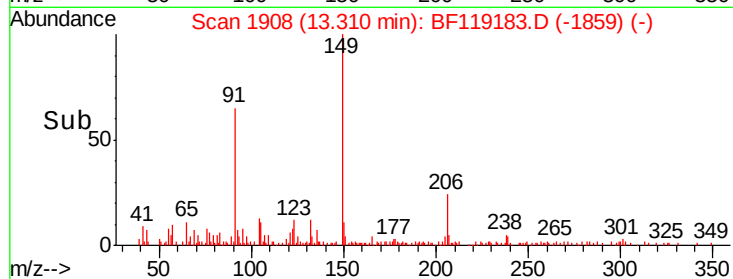
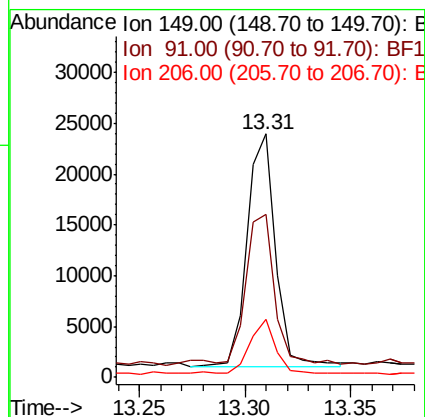
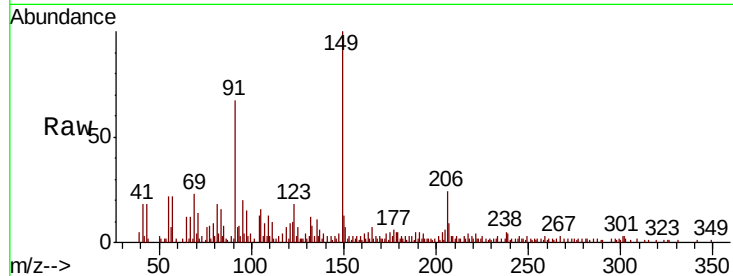




#80
 Butylbenzylphthalate
 Concen: 2.109 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

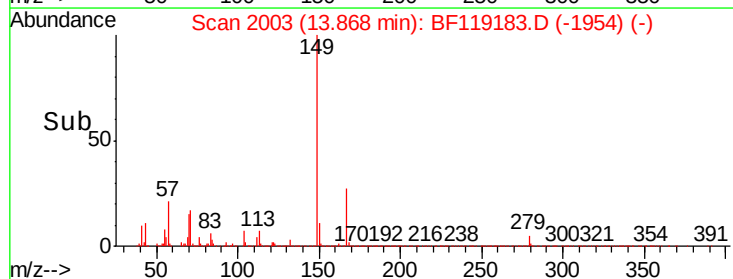
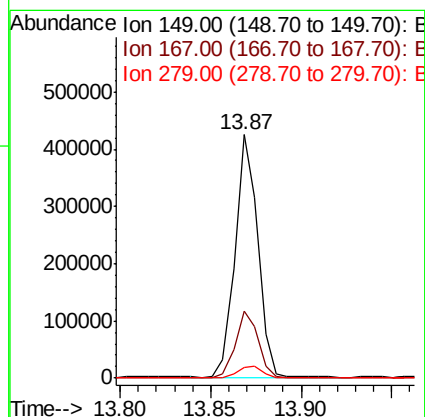
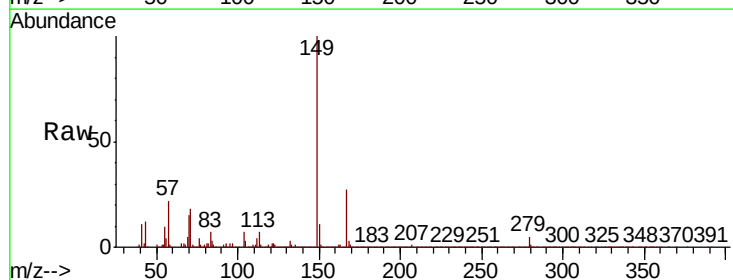
Instrument :
 BNA_F
 ClientSampleId :

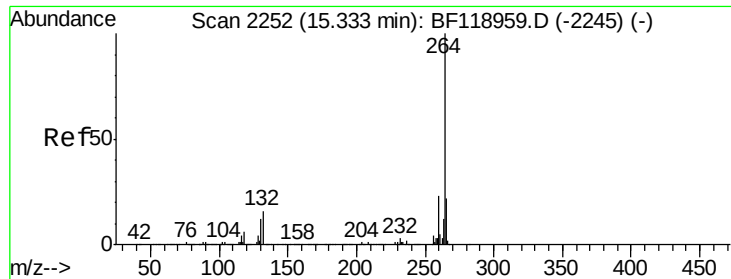
Tot Ion:149 Resp: 21301
 Ion Ratio Lower Upper
 149 100
 91 67.1 52.3 78.5
 206 24.0 18.5 27.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.832 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

Tgt Ion:149 Resp: 367953
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.8 34.2
 279 4.6 4.6 6.8

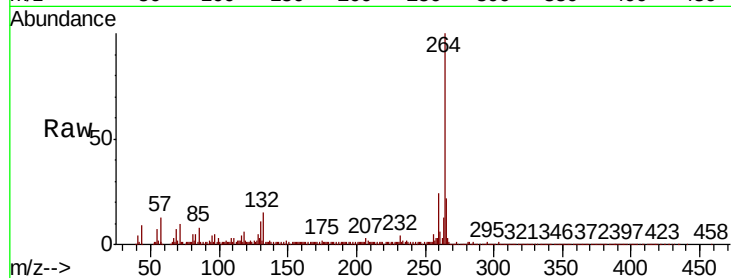




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	263280
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.7	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

