

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119073.D
 Acq On : 25 Feb 2020 19:17
 Operator : CG/JU
 Sample : L1671-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:27:58 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

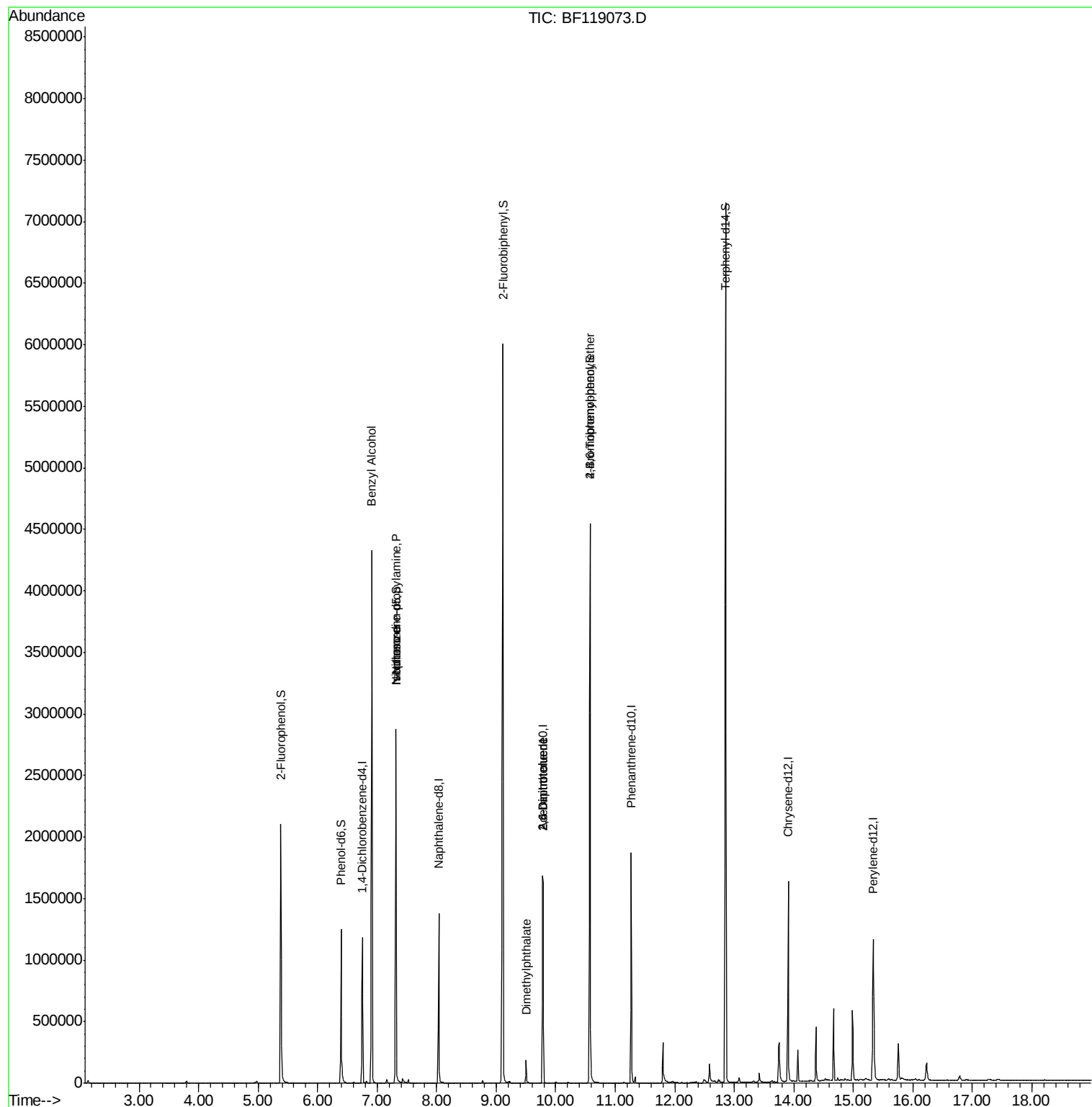
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	185199	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	701262	20.00	ng	-0.01
39) Acenaphthene-d10	9.78	164	391419	20.00	ng	-0.01
64) Phenanthrene-d10	11.27	188	746888	20.00	ng	0.00
76) Chrysene-d12	13.90	240	609013	20.00	ng	0.00
87) Perylene-d12	15.33	264	520612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	638555	57.62	ng	0.00
7) Phenol-d6	6.39	99	473043	35.10	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1164691	87.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	674349	131.70	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2254750	84.86	ng	-0.01
79) Terphenyl-d14	12.86	244	2964705	83.81	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.91	79	19577	2.010	ng	# 47
19) n-Nitroso-di-n-propylamine	7.32	70	162727	20.720	ng	# 78
25) Isophorone	7.32	82	1158231	50.214	ng	# 63
50) Dimethylphthalate	9.50	163	93225	3.115	ng	# 99
51) 2,6-Dinitrotoluene	9.78	165	49727	7.478	ng	# 29
57) 2,4-Dinitrotoluene	9.78	165	49727	5.769	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	43965	4.503	ng	# 1

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

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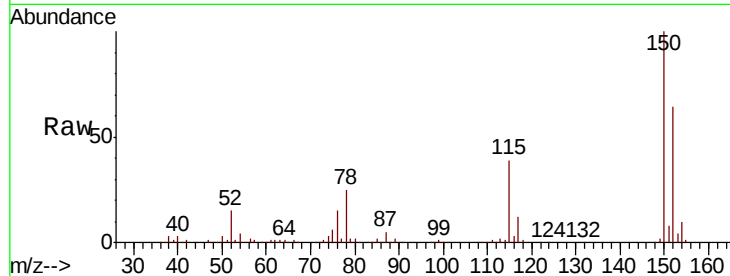


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119073.D
Acq: 25 Feb 2020 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	60.0	44.6	67.0

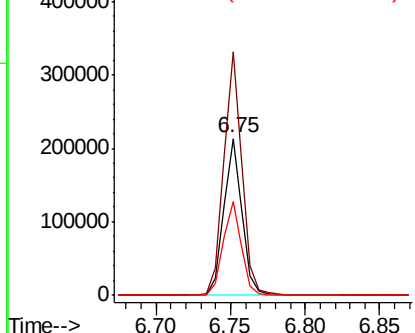
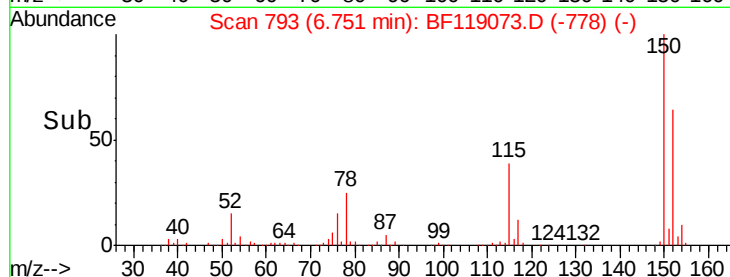


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

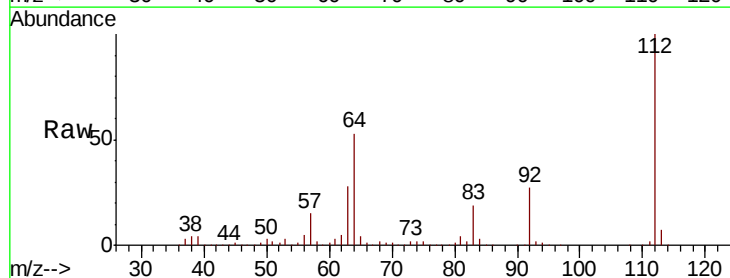
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.621 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF119073.D
Acq: 25 Feb 2020 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	40.4	60.6
63	28.3	21.3	31.9

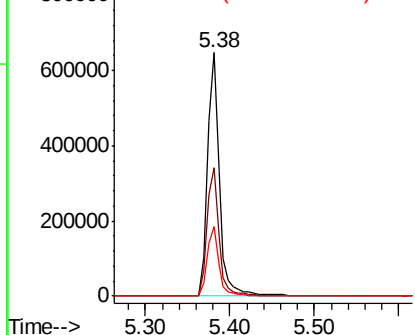
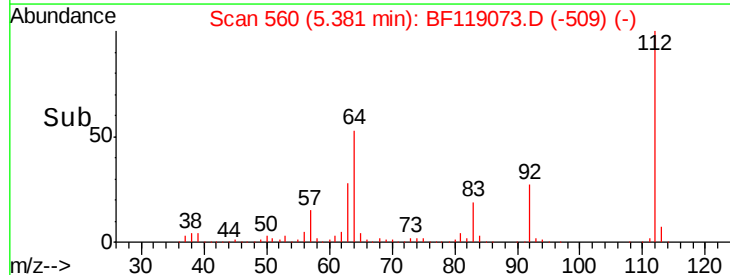


Abundance

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: 35.098 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119073.D

Acq: 25 Feb 2020 19:17

Instrument :

BNA_F

ClientSampleId :

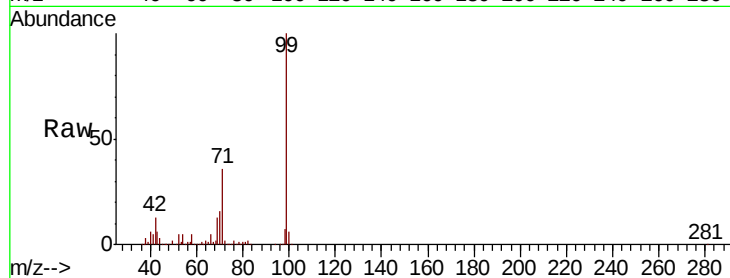
Tot Ion: 99 Resp: 473043

Ion Ratio Lower Upper

99 100

42 13.3 11.4 17.0

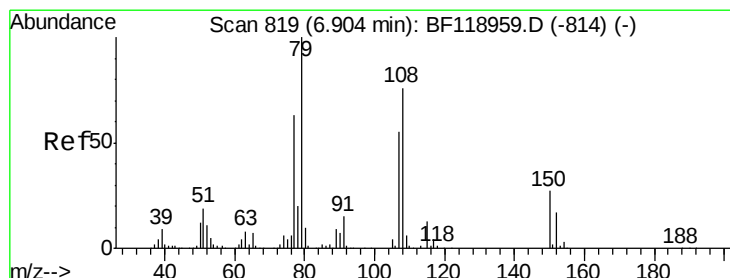
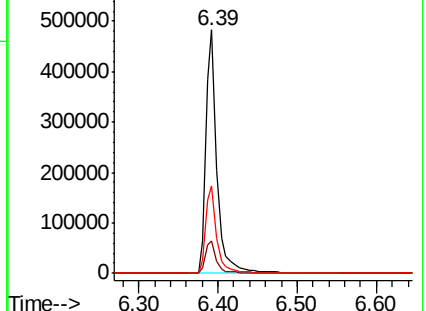
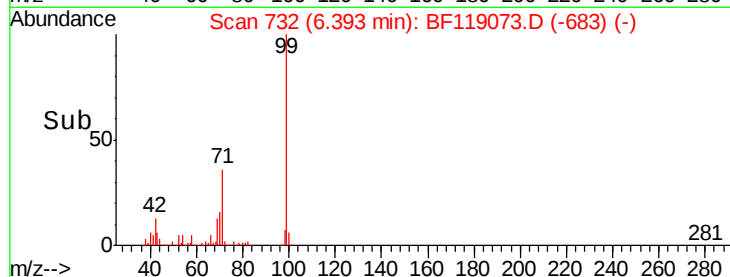
71 36.1 29.8 44.6



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



#15

Benzyl Alcohol

Concen: 2.010 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119073.D

Acq: 25 Feb 2020 19:17

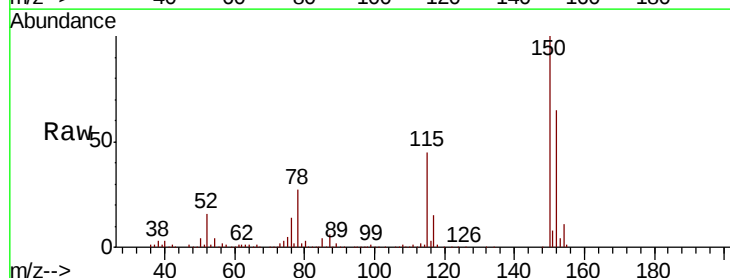
Tgt Ion: 79 Resp: 19577

Ion Ratio Lower Upper

79 100

108 35.0 61.1 91.7#

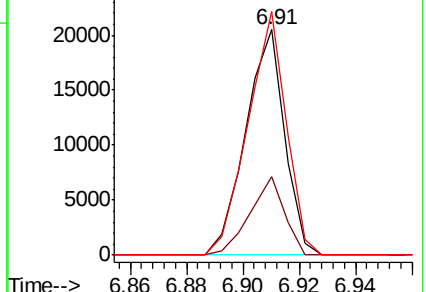
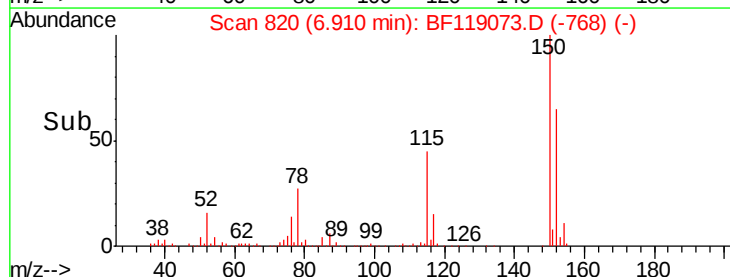
77 108.0 50.2 75.2#

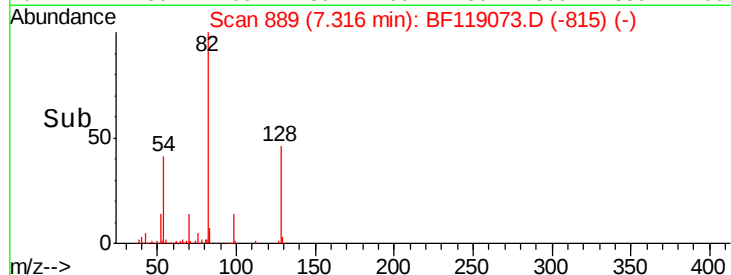
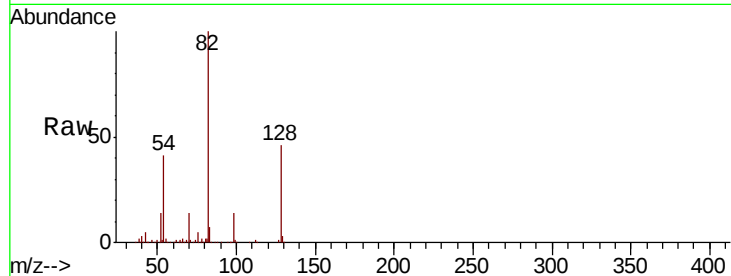
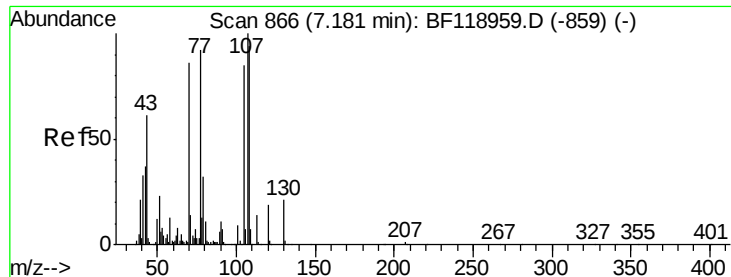


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

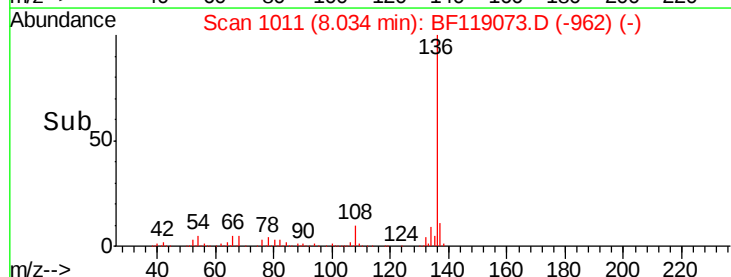
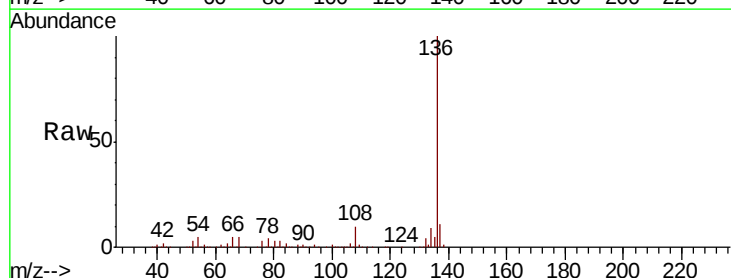
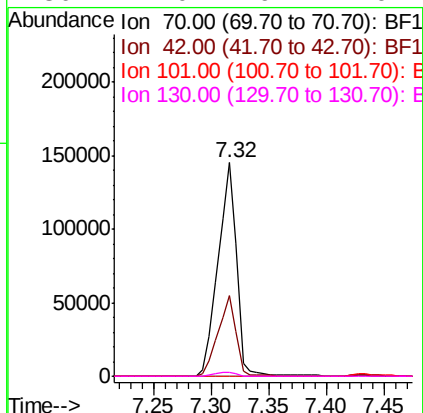




#19
n-Nitroso-di-n-propylamine
Concen: 20.720 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119073.D
Acq: 25 Feb 2020 19:17

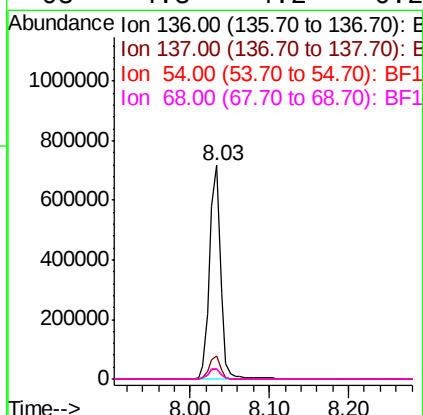
Instrument :
BNA_F
ClientSampleId :

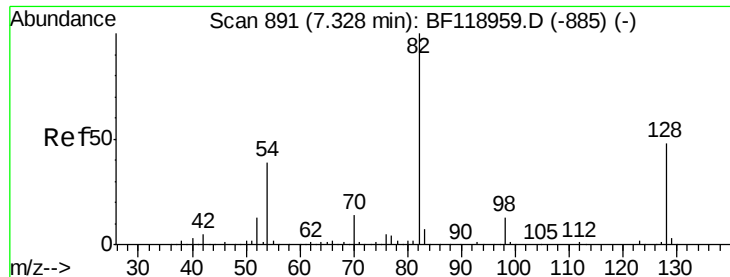
Tot Ion:	70	Resp:	162727
Ion	Ratio	Lower	Upper
70	100		
42	37.6	34.6	51.8
101	0.0	8.1	12.1#
130	2.0	19.4	29.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119073.D
Acq: 25 Feb 2020 19:17

Tgt Ion:	136	Resp:	701262
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	4.7	3.8	5.6
68	4.8	4.2	6.2



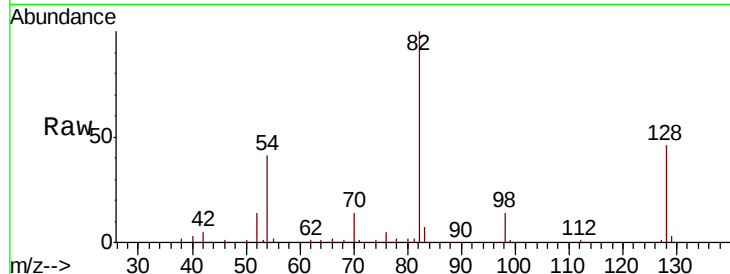


#23
 Nitrobenzene-d5
 Concen: 87.693 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119073.D
 Acq: 25 Feb 2020 19:17

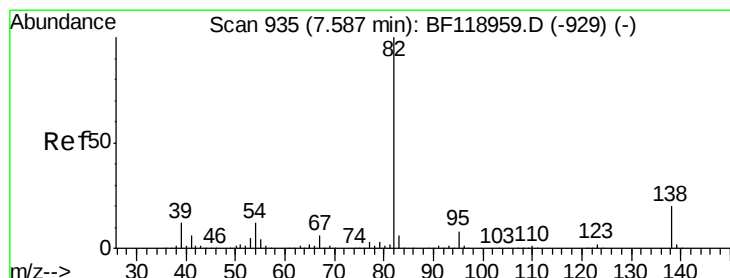
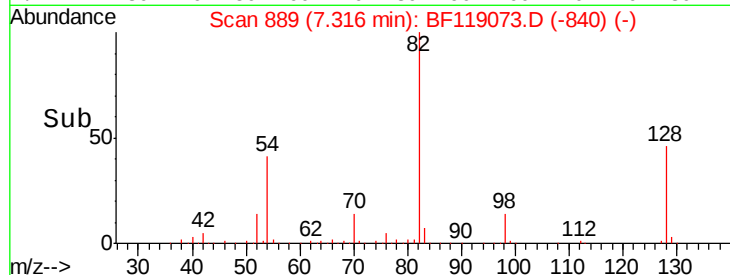
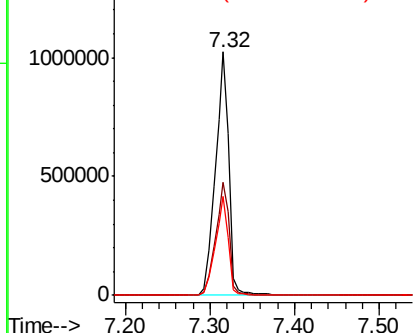
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1164691

Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.2	57.2
54	40.8	31.3	46.9



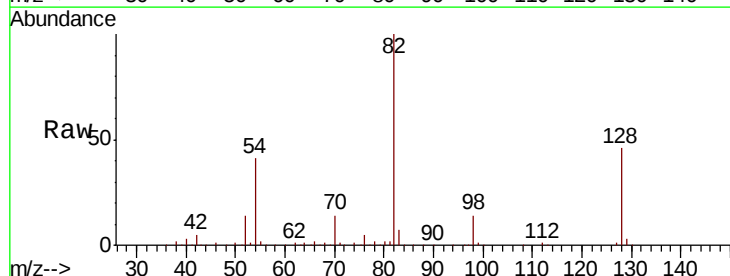
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



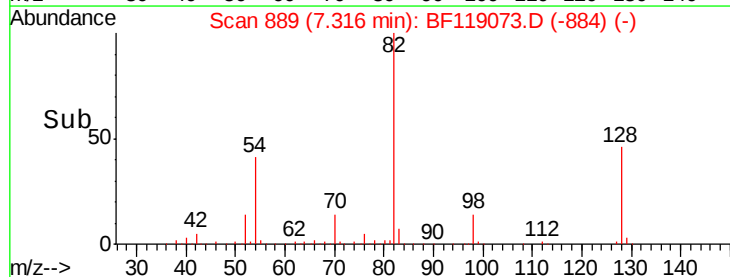
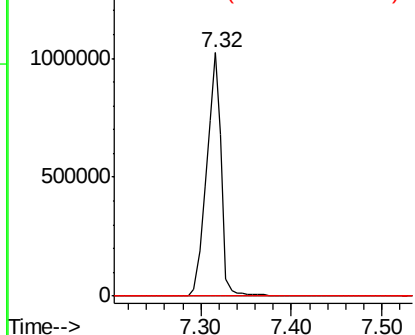
#25
 Isophorone
 Concen: 50.214 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.27 min
 Lab File: BF119073.D
 Acq: 25 Feb 2020 19:17

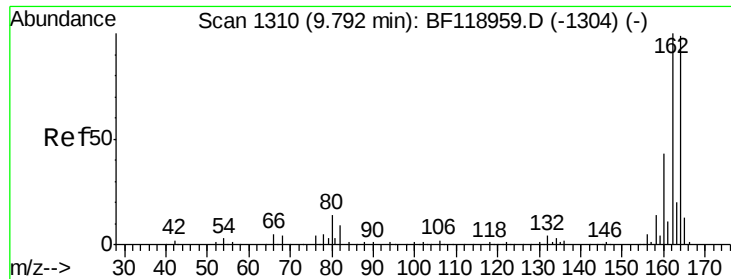
Tgt Ion: 82 Resp: 1158231

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: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119073.D

Acq: 25 Feb 2020 19:17

Instrument :

BNA_F

ClientSampled :

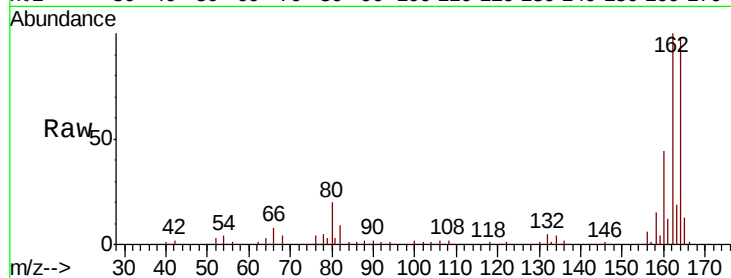
Tot Ion:164 Resp: 391419

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

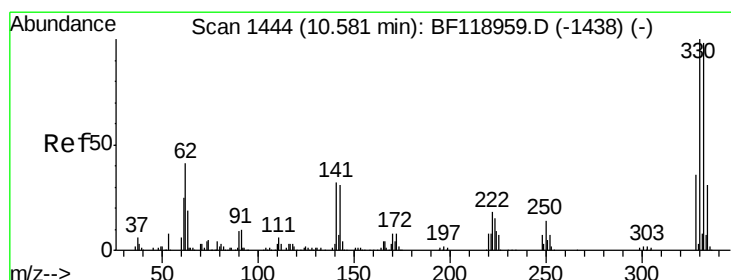
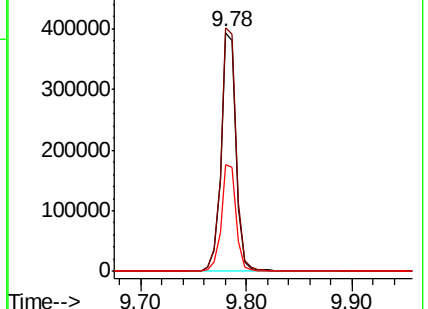
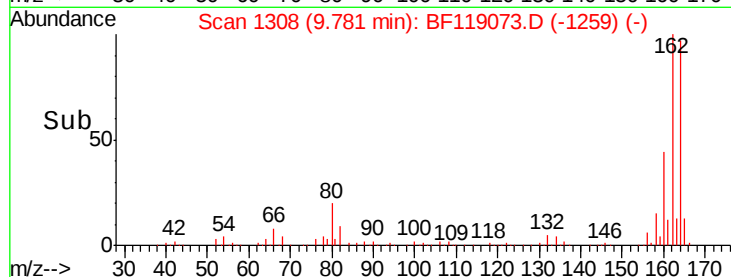
160 44.8 35.2 52.8



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: 131.698 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119073.D

Acq: 25 Feb 2020 19:17

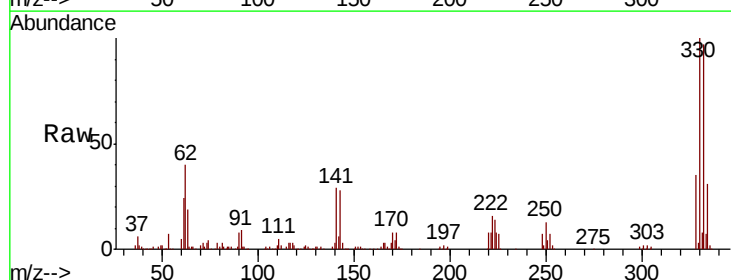
Tgt Ion:330 Resp: 674349

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

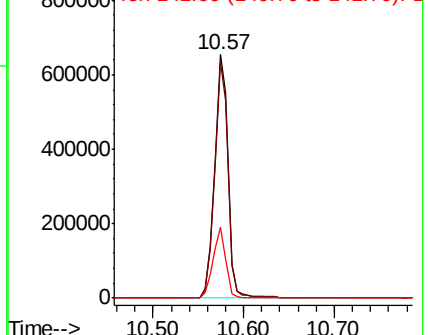
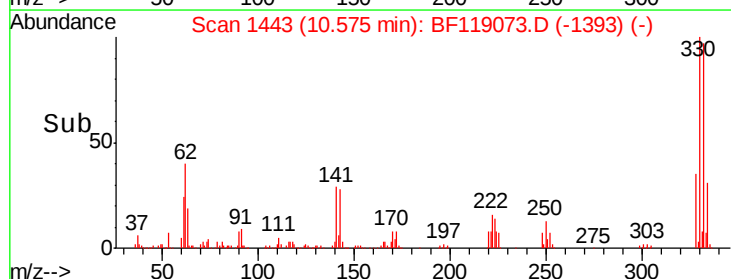
141 28.2 23.0 34.6

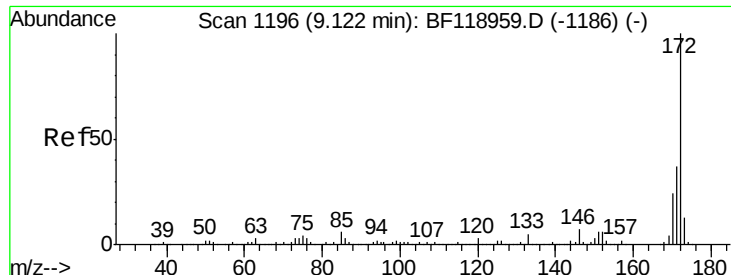


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

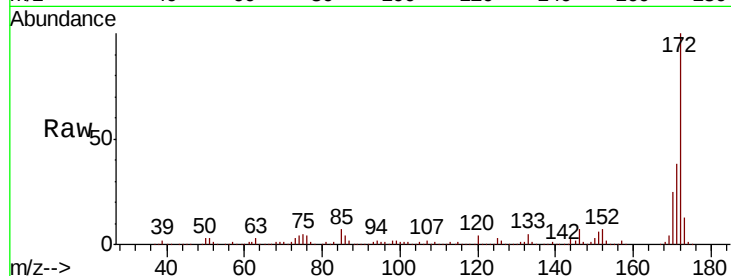




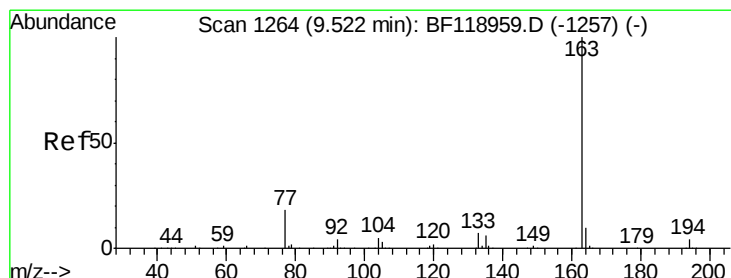
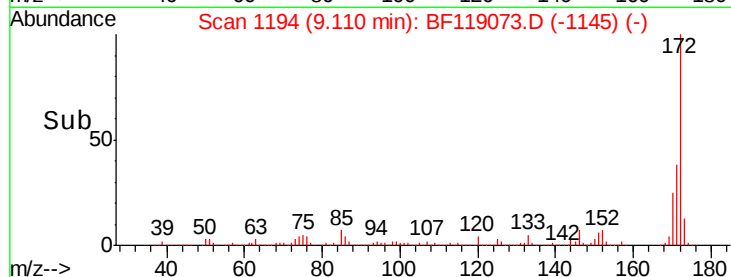
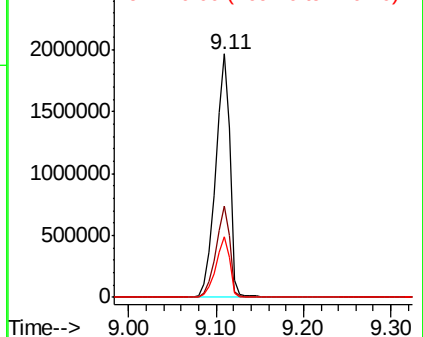
#45
2-Fluorobiphenyl
Concen: 84.861 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119073.D
Acq: 25 Feb 2020 19:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2254750
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.2
170 24.8 19.6 29.4

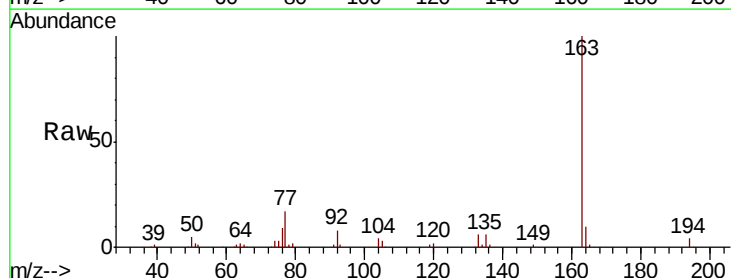


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

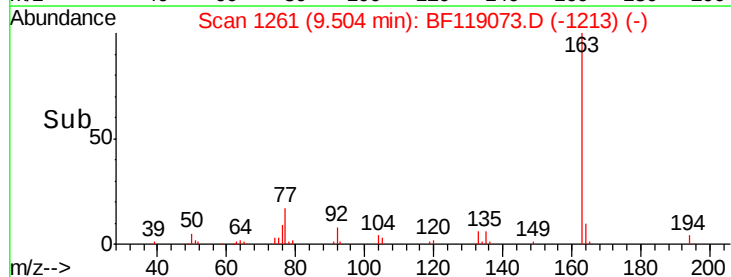
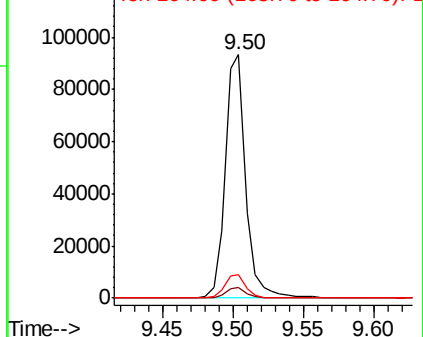


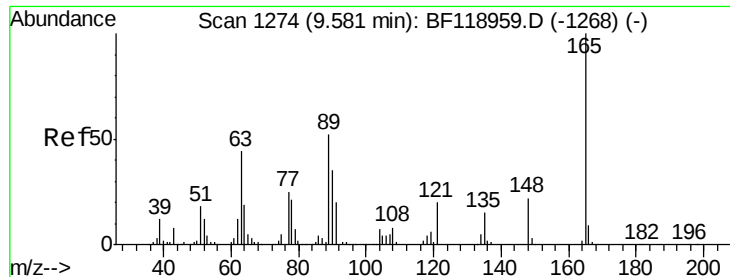
#50
Dimethylphthalate
Concen: 3.115 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119073.D
Acq: 25 Feb 2020 19:17

Tgt Ion:163 Resp: 93225
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.5 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

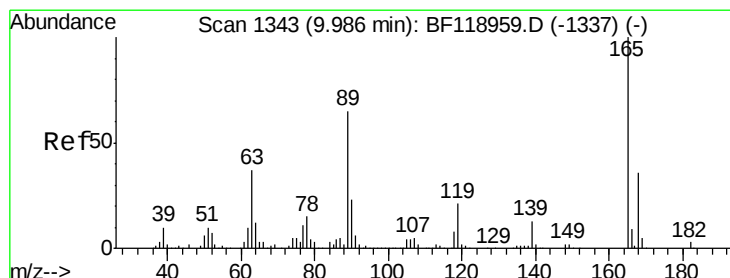
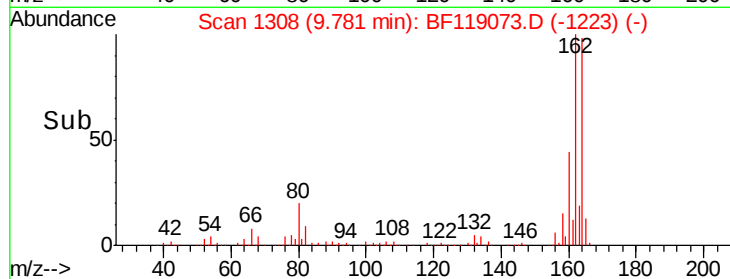
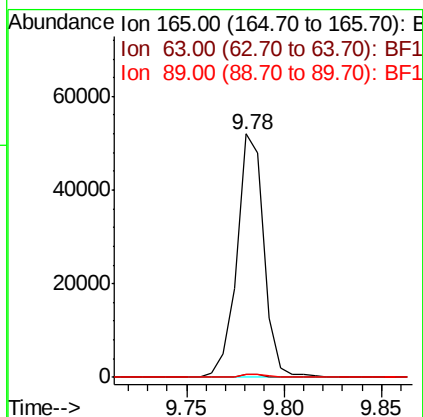
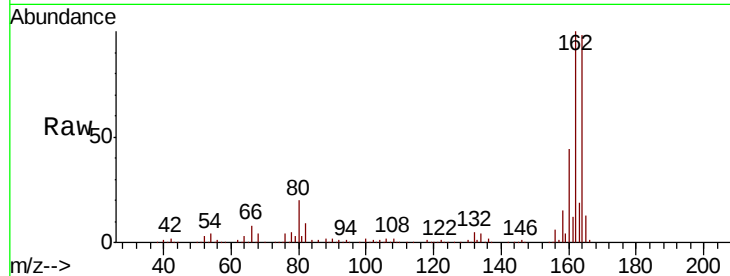




#51
 2,6-Dinitrotoluene
 Concen: 7.478 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.20 min
 Lab File: BF119073.D
 Acq: 25 Feb 2020 19:17

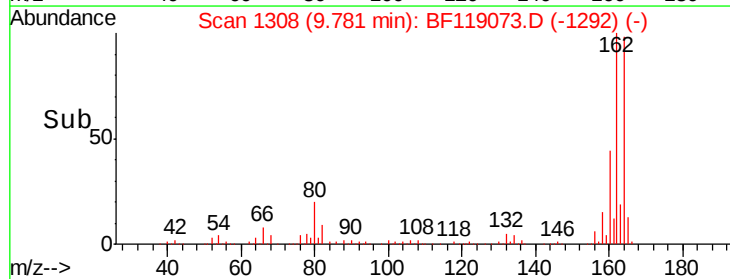
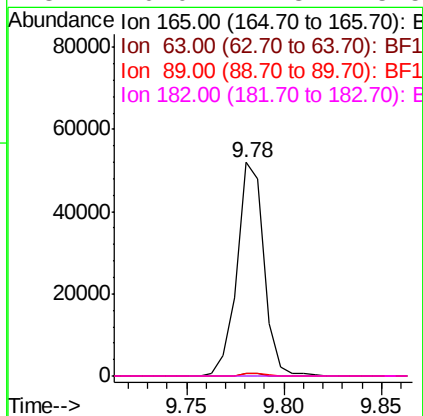
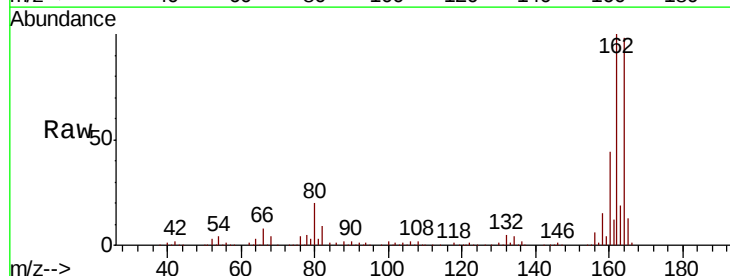
Instrument :
 BNA_F
 ClientSampleId :

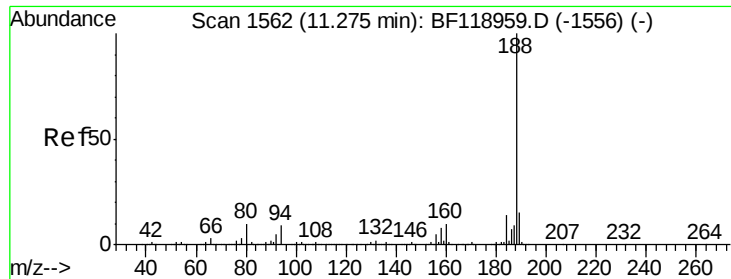
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.9	56.9#
89	1.3	41.4	62.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.769 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.21 min
 Lab File: BF119073.D
 Acq: 25 Feb 2020 19:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.3	51.9	77.9#
182	0.0	2.3	3.5#

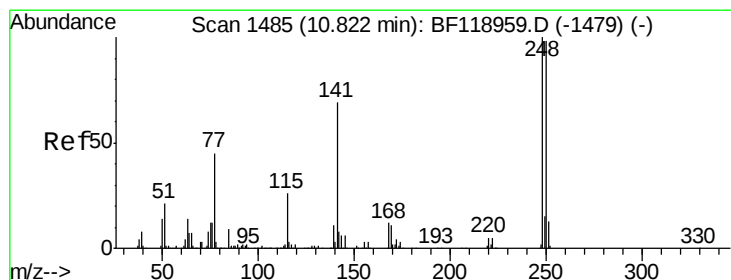
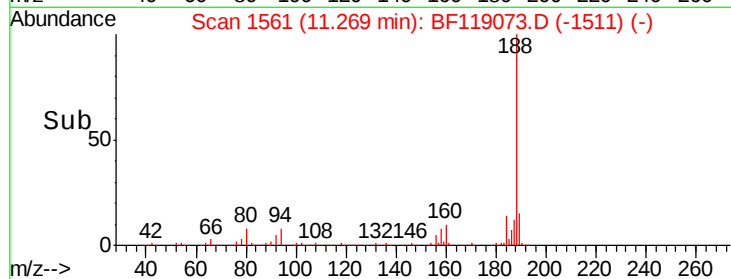
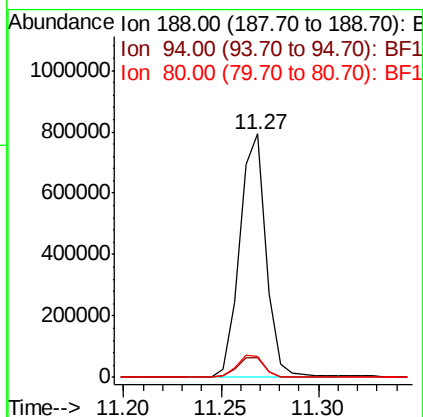
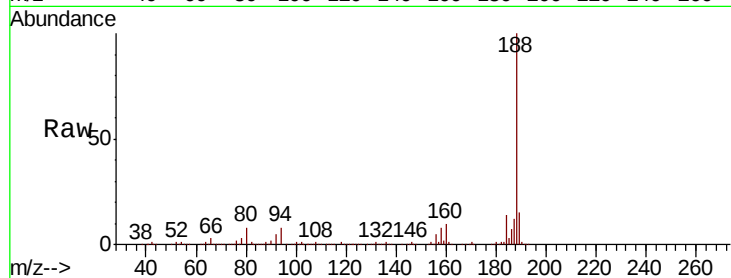




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119073.D
Acq: 25 Feb 2020 19:17

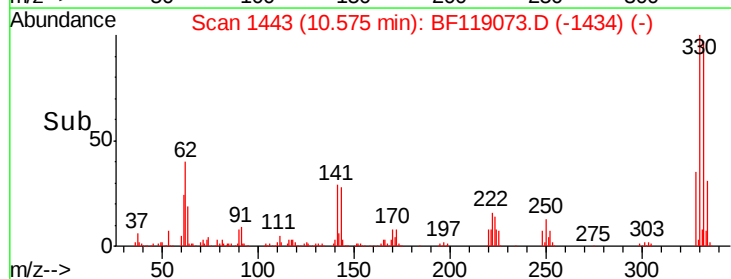
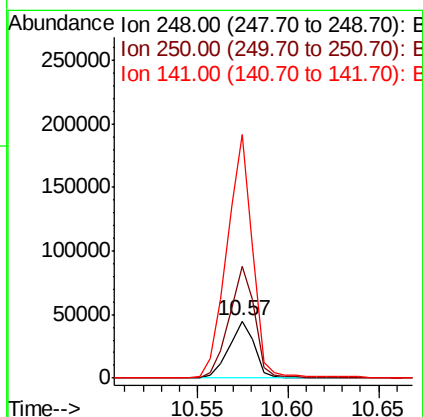
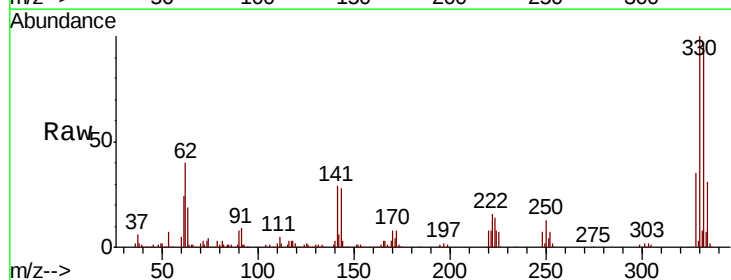
Instrument :
BNA_F
ClientSampleId :

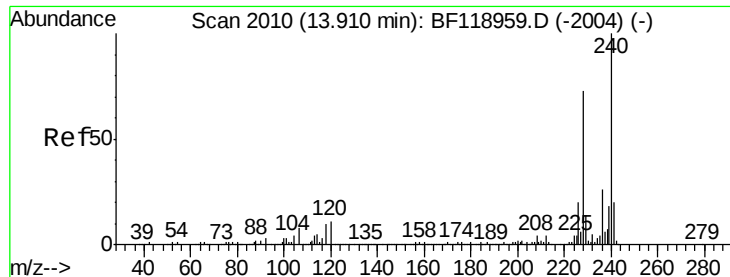
Tot Ion:188 Resp: 746888
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.503 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119073.D
Acq: 25 Feb 2020 19:17

Tgt Ion:248 Resp: 43965
Ion Ratio Lower Upper
248 100
250 196.6 78.8 118.2#
141 427.6 55.3 82.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119073.D

Acq: 25 Feb 2020 19:17

Instrument :

BNA_F

ClientSampleId :

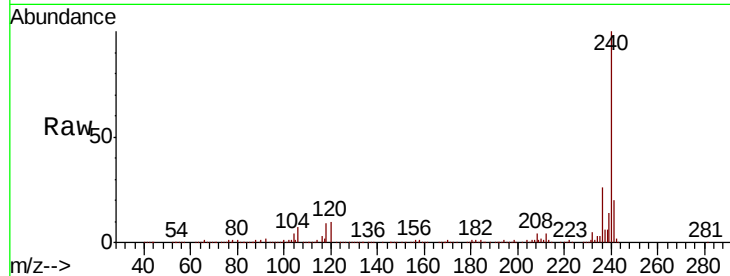
Tot Ion:240 Resp: 609013

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

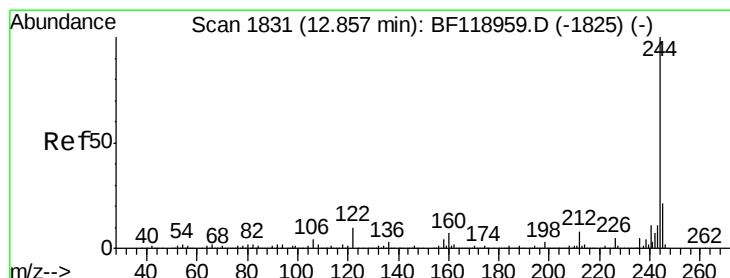
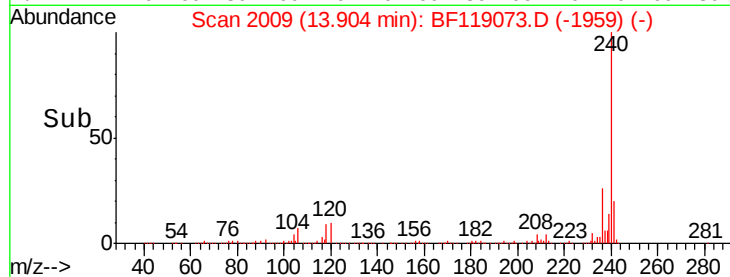
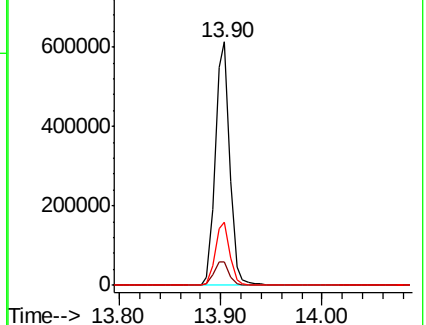
236 26.1 20.6 30.8



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: 83.812 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119073.D

Acq: 25 Feb 2020 19:17

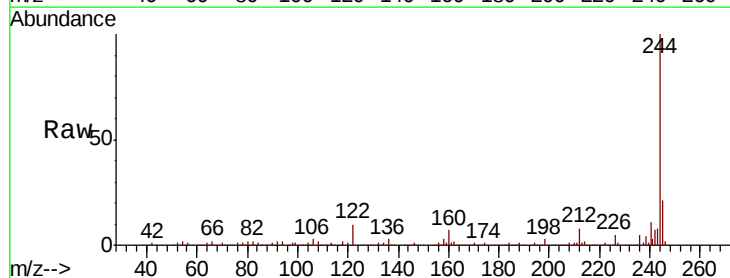
Tgt Ion:244 Resp: 2964705

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

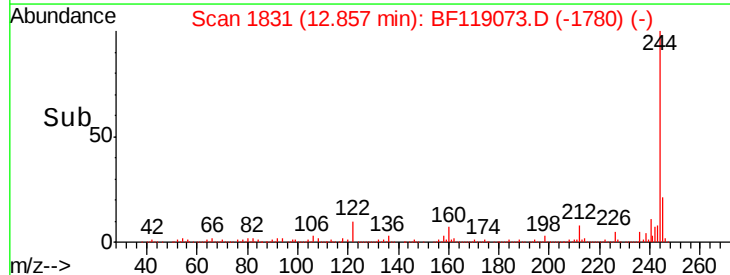
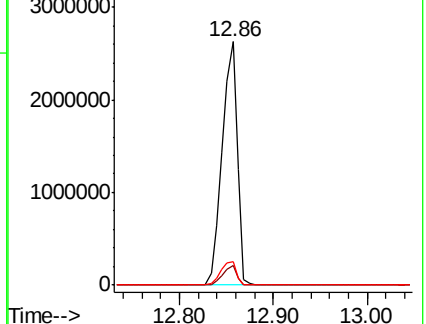
122 9.6 8.4 12.6

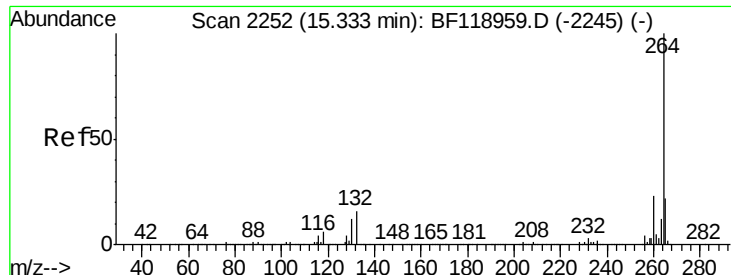


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

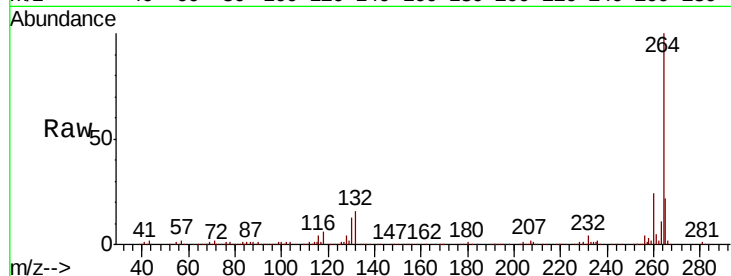




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119073.D
 Acq: 25 Feb 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	520612
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.4	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

