

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119923.D
 Acq On : 13 Apr 2020 19:02
 Operator : MA/SJ
 Sample : L2215-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Apr 14 00:42:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

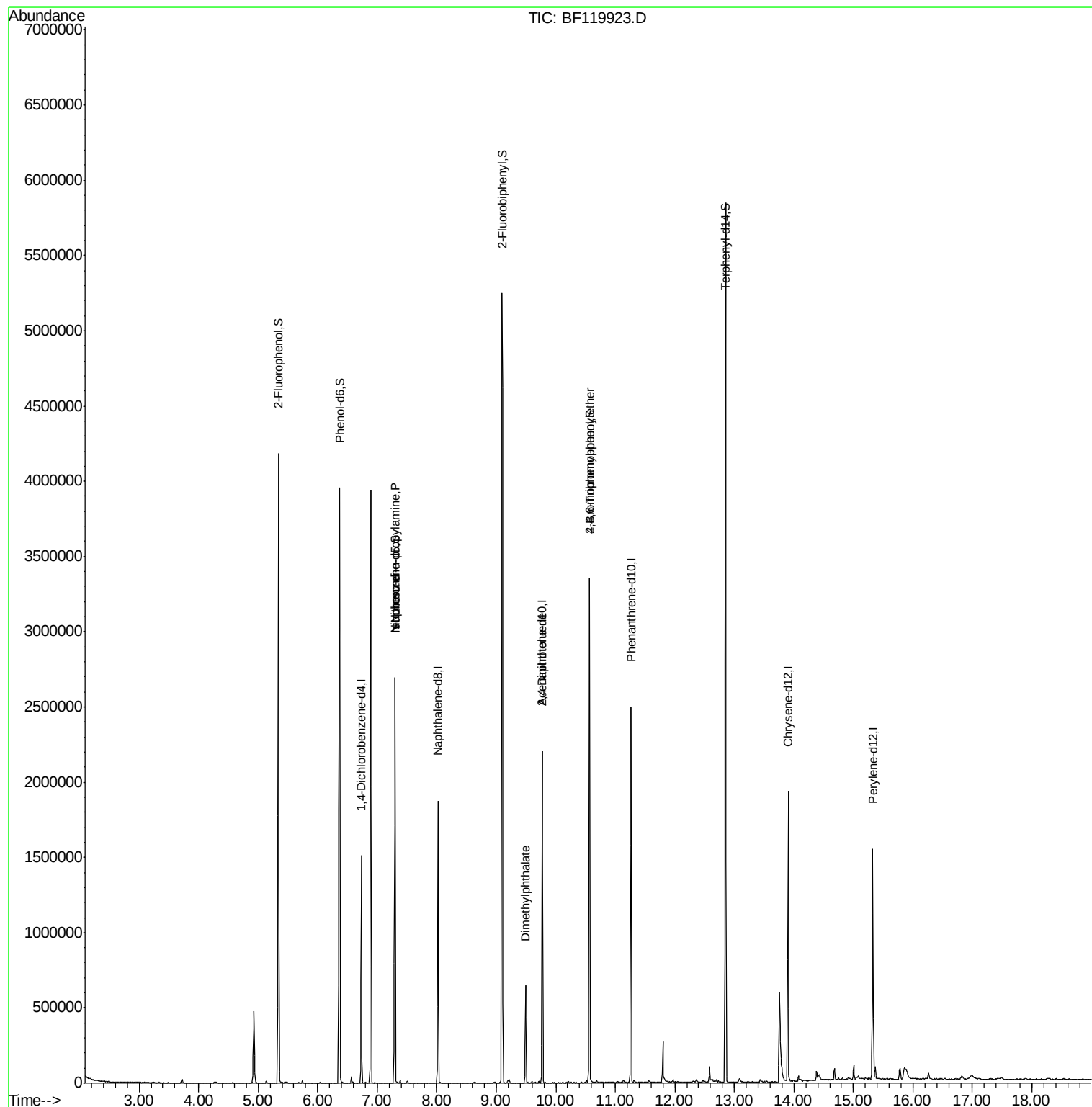
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	213149	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	813100	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	427127	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	842875	20.00	ng	0.00
76) Chrysene-d12	13.90	240	689487	20.00	ng	0.00
87) Perylene-d12	15.33	264	671853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1083518	87.85	ng	0.00
7) Phenol-d6	6.37	99	1443553	90.83	ng	-0.01
23) Nitrobenzene-d5	7.30	82	929841	59.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	443726	84.85	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1813912	60.29	ng	-0.01
79) Terphenyl-d14	12.86	244	2193496	53.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	1845	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	118759	11.621	ng	# 76
25) Isophorone	7.30	82	928217	30.636	ng	# 65
50) Dimethylphthalate	9.49	163	235015	7.114	ng	# 99
57) 2,4-Dinitrotoluene	9.77	165	55517	5.824	ng	# 22
67) 4-Bromophenyl-phenylether	10.57	248	26392	2.518	ng	# 1

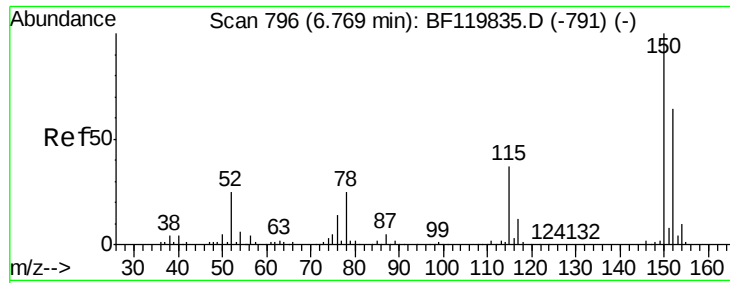
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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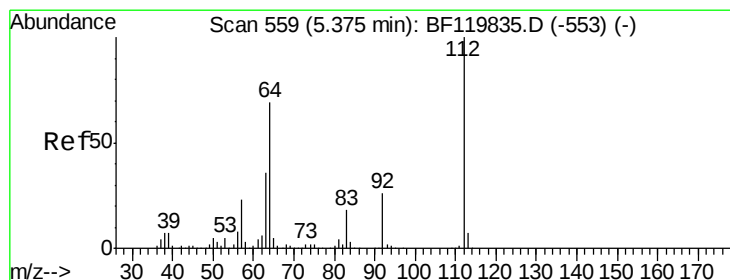
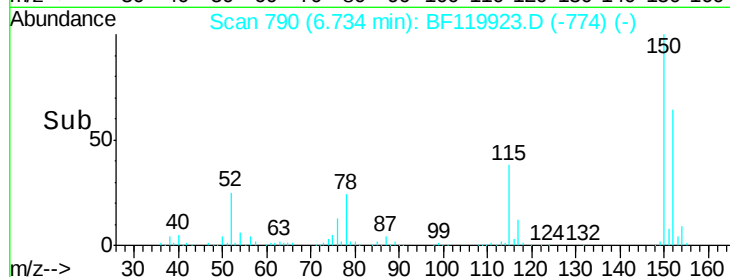
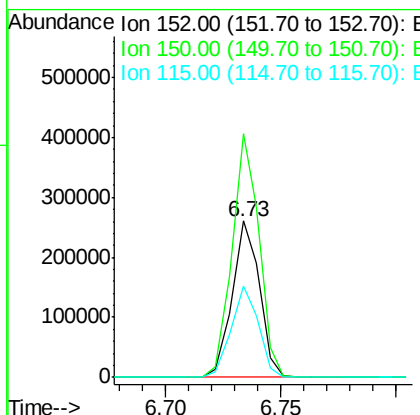
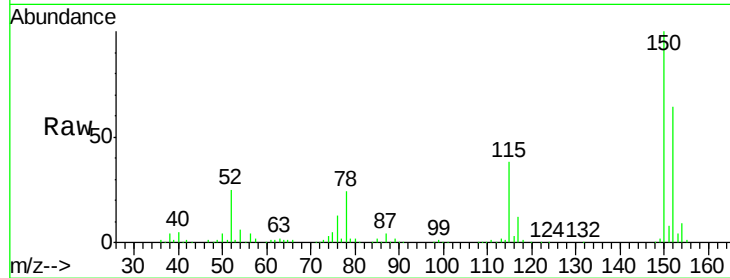




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119923.D
 Acq: 13 Apr 2020 19:02

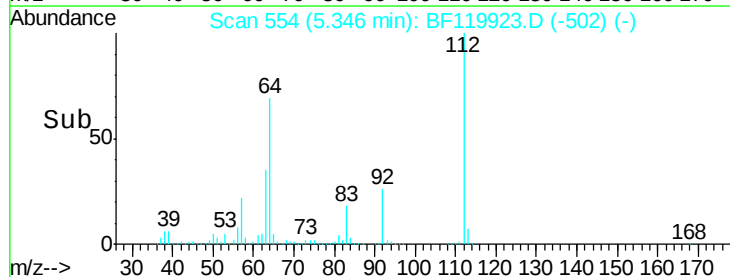
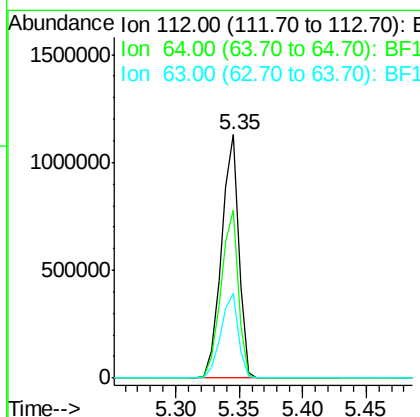
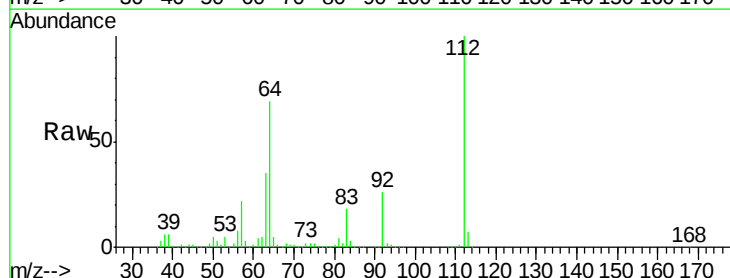
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tot Ion:152 Resp: 213149
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.8 187.2
 115 58.6 46.5 69.7



#5
 2-Fluorophenol
 Concen: 87.850 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF119923.D
 Acq: 13 Apr 2020 19:02

Tgt Ion:112 Resp: 1083518
 Ion Ratio Lower Upper
 112 100
 64 68.9 55.5 83.3
 63 34.9 29.1 43.7





#7

Phenol-d6

Concen: 90.832 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119923.D

Acq: 13 Apr 2020 19:02

Instrument :

BNA_F

ClientSampleId :

TP-9

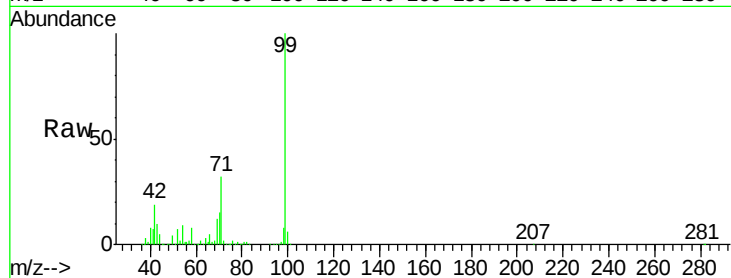
Tot Ion: 99 Resp: 1443553

Ion Ratio Lower Upper

99 100

42 19.5 16.9 25.3

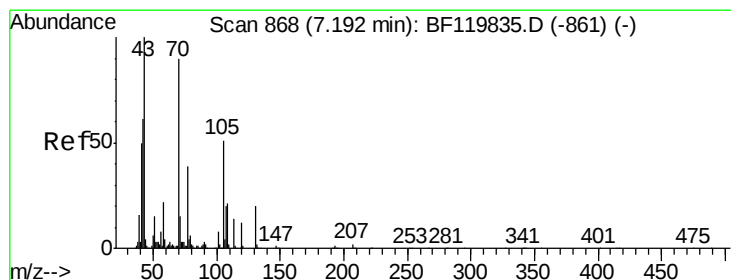
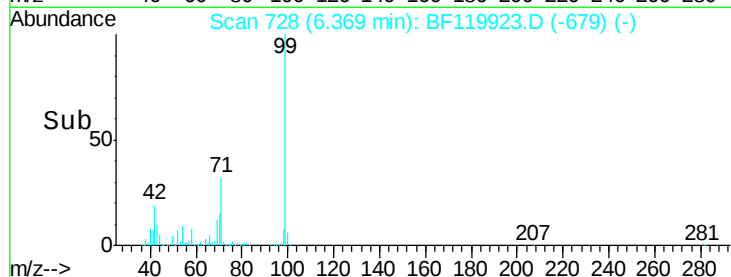
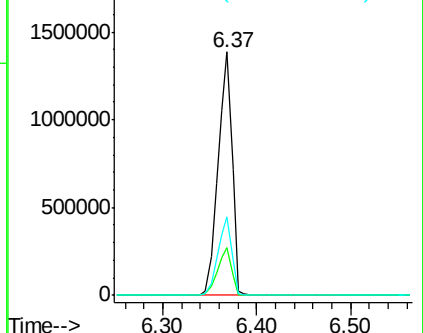
71 32.3 26.3 39.5



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: 11.621 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119923.D

Acq: 13 Apr 2020 19:02

Tgt Ion: 70 Resp: 118759

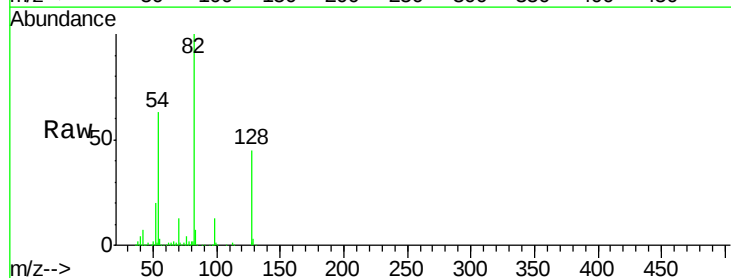
Ion Ratio Lower Upper

70 100

42 53.2 54.2 81.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.6#

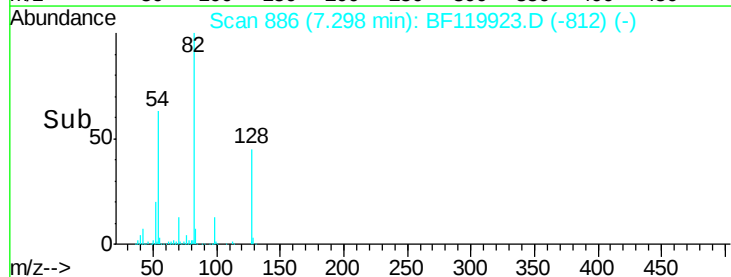
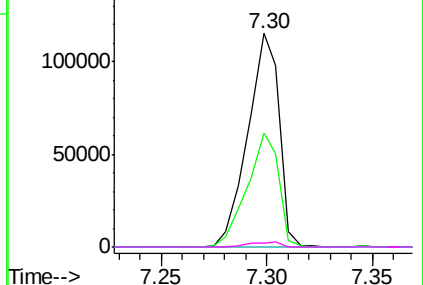


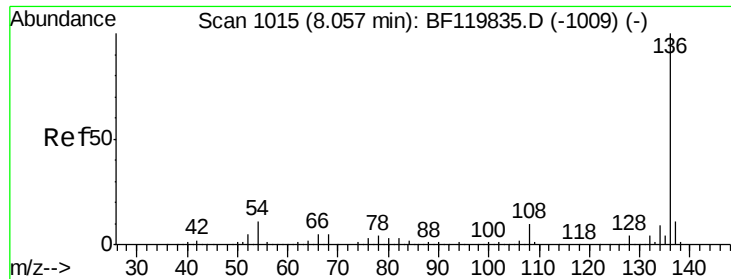
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

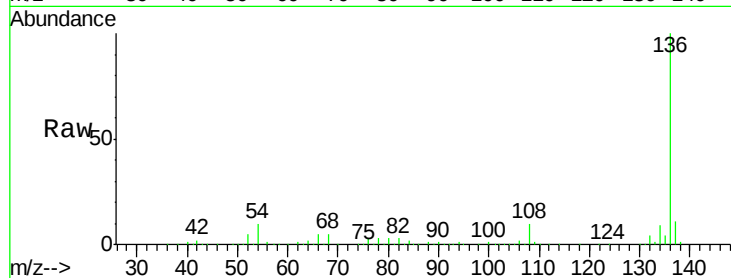




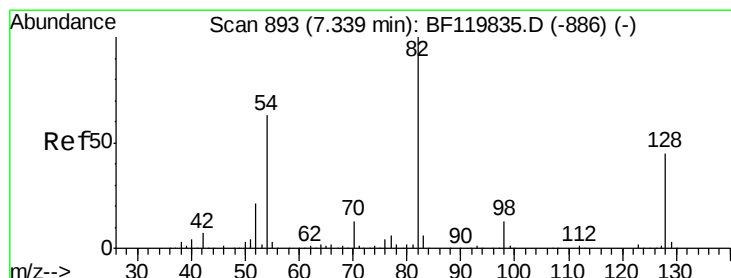
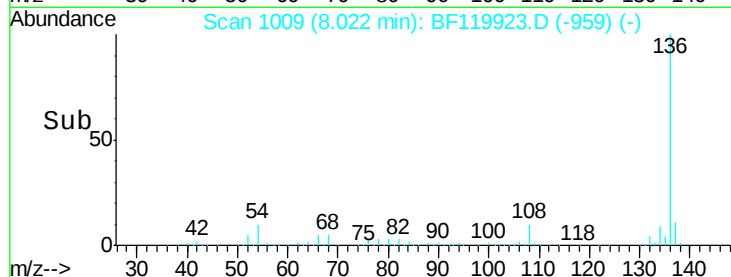
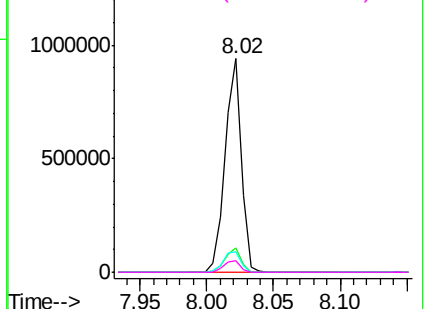
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119923.D
Acq: 13 Apr 2020 19:02

Instrument :
BNA_F
ClientSampled :
TP-9

Tot Ion:136	Resp:	813100
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	9.7	8.5 12.7
68	5.5	3.9 5.9

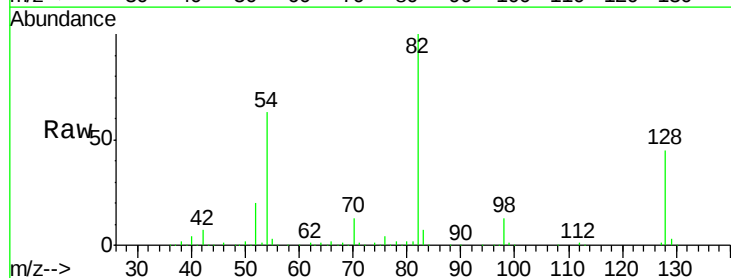


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

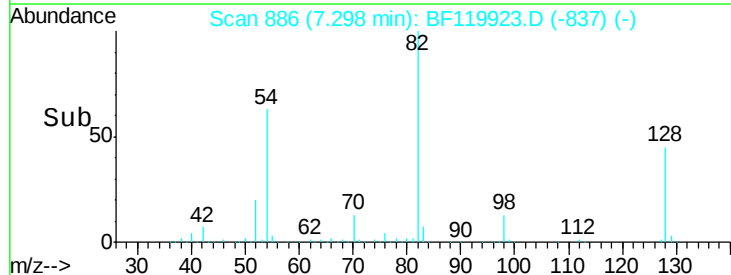
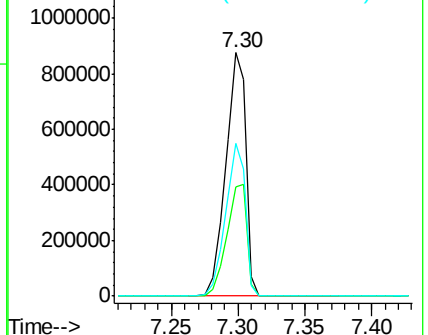


#23
Nitrobenzene-d5
Concen: 59.161 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119923.D
Acq: 13 Apr 2020 19:02

Tgt Ion: 82	Resp:	929841
Ion	Ratio	Lower Upper
82	100	
128	45.0	36.2 54.4
54	62.8	50.4 75.6



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

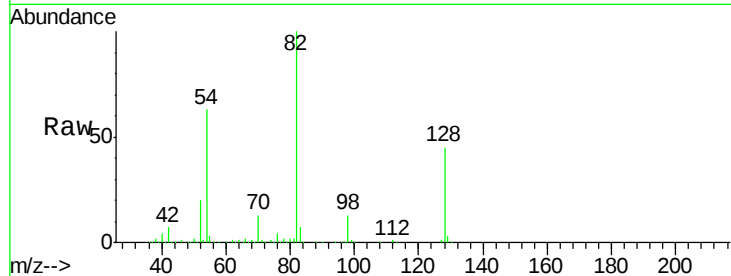




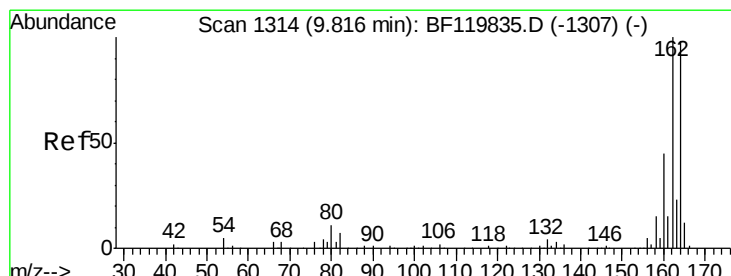
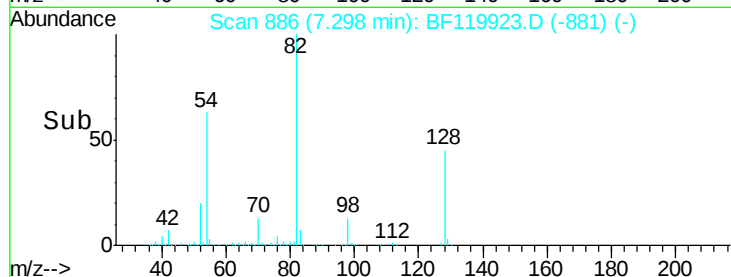
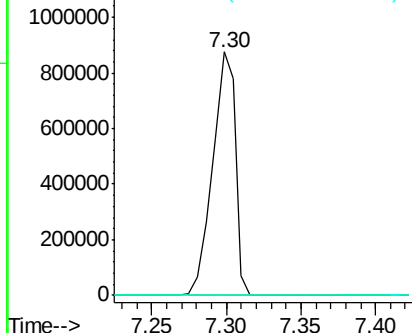
#25
Isophorone
Concen: 30.636 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.27 min
Lab File: BF119923.D
Acq: 13 Apr 2020 19:02

Instrument :
BNA_F
ClientSampled :
TP-9

Tot Ion: 82 Resp: 928217
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#

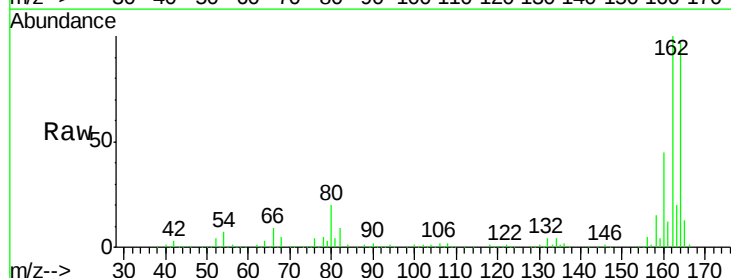


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

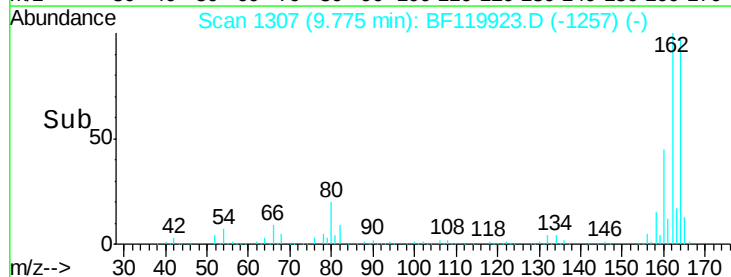
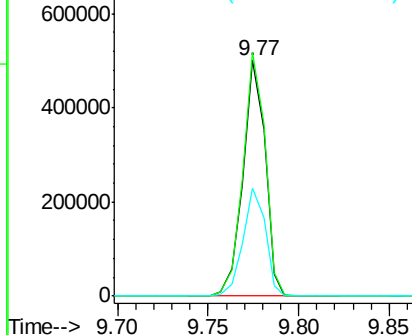


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119923.D
Acq: 13 Apr 2020 19:02

Tgt Ion:164 Resp: 427127
Ion Ratio Lower Upper
164 100
162 103.2 81.9 122.9
160 46.0 36.6 54.8



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

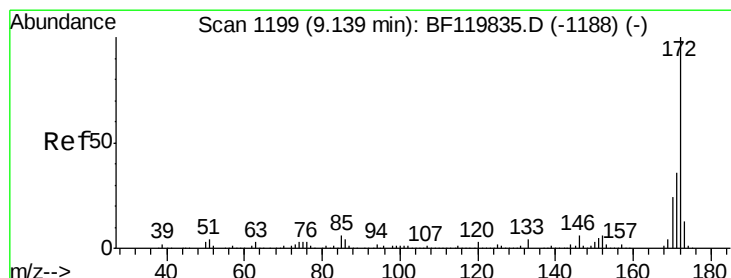
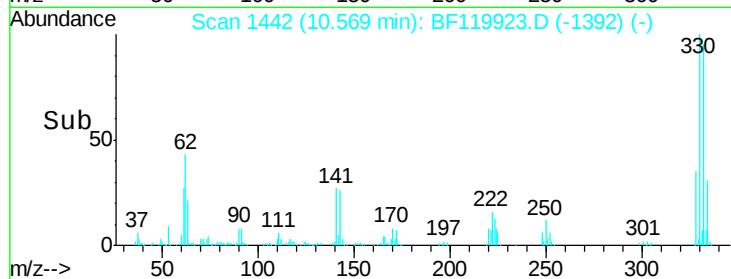
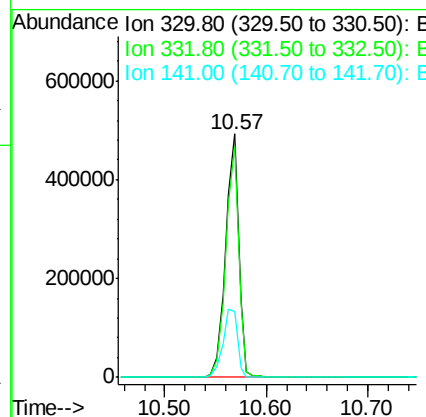
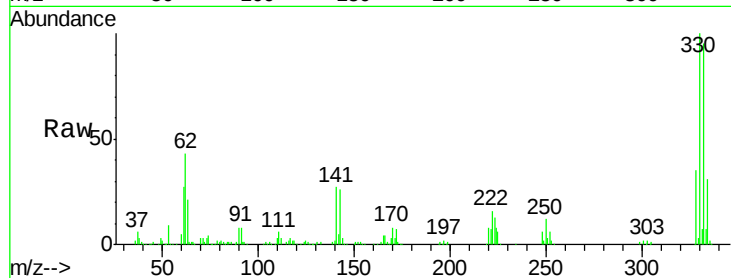




#42
 2,4,6-Tribromophenol
 Concen: 84.851 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119923.D
 Acq: 13 Apr 2020 19:02

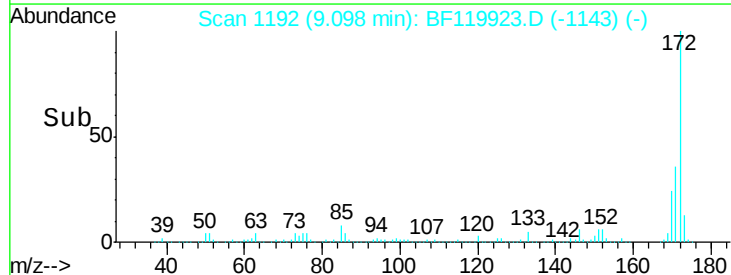
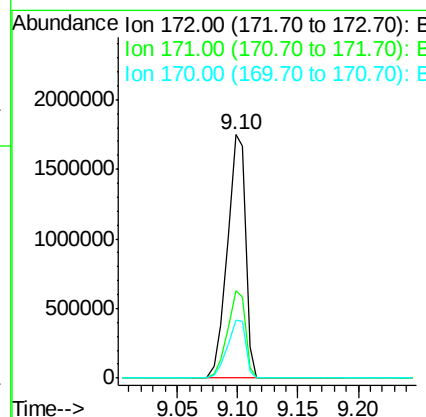
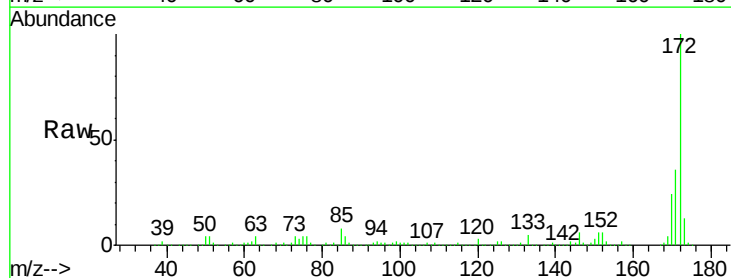
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

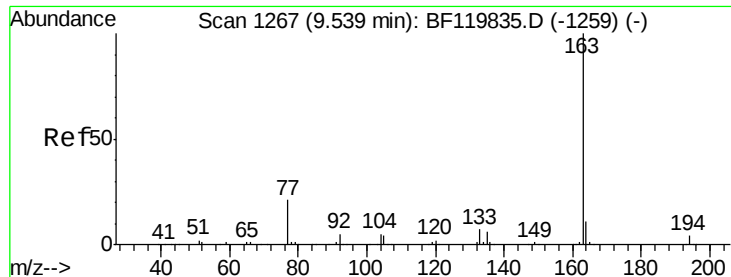
Tot Ion:330 Resp: 443726
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.8 115.2
 141 31.0 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 60.295 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119923.D
 Acq: 13 Apr 2020 19:02

Tgt Ion:172 Resp: 1813912
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.9 19.4 29.2

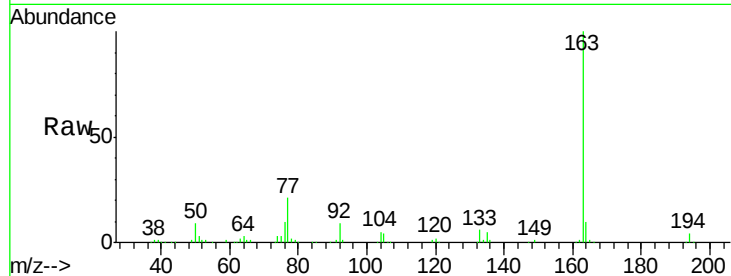




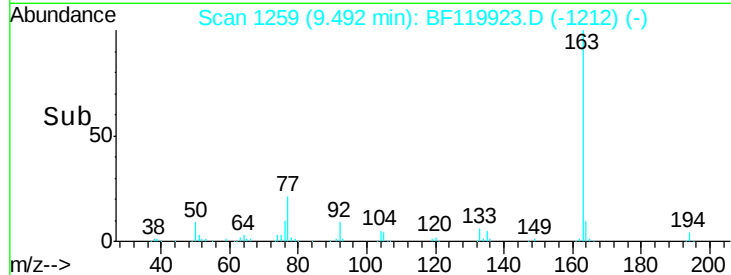
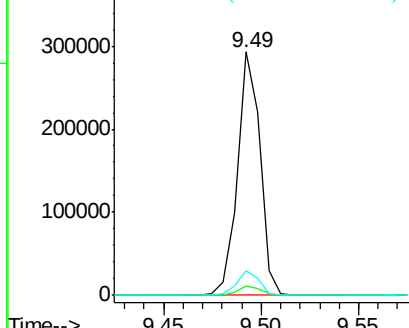
#50
Dimethylphthalate
Concen: 7.114 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119923.D
Acq: 13 Apr 2020 19:02

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	8.4	12.6



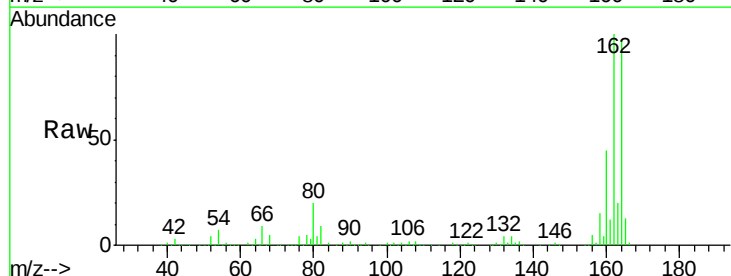
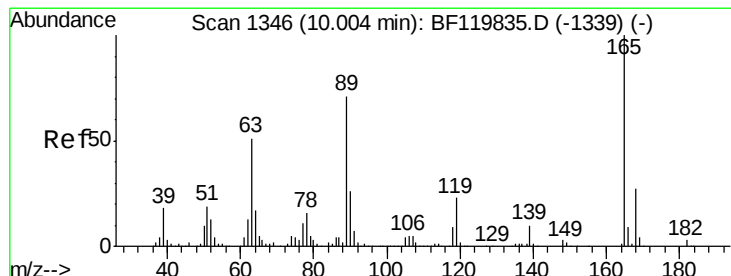
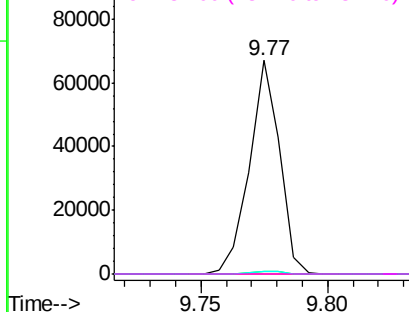
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

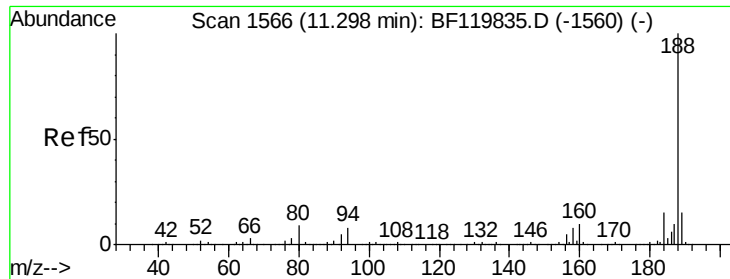


#57
2,4-Dinitrotoluene
Concen: 5.824 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF119923.D
Acq: 13 Apr 2020 19:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.1	56.9	85.3#
182	0.0	2.0	3.0#

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
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. -0.01 min

Lab File: BF119923.D

Acq: 13 Apr 2020 19:02

Instrument :

BNA_F

ClientSampleId :

TP-9

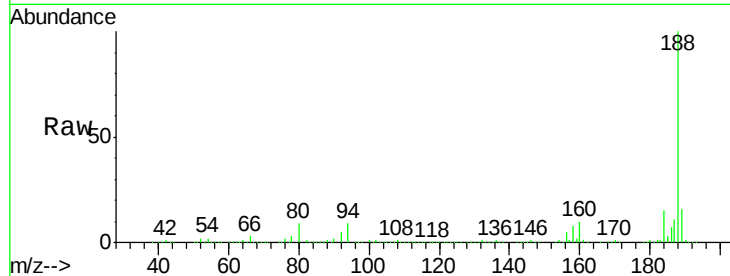
Tot Ion:188 Resp: 842875

Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

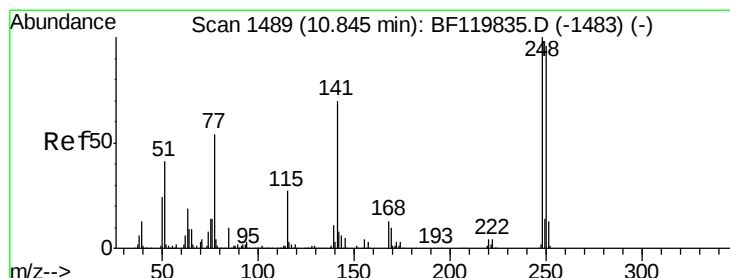
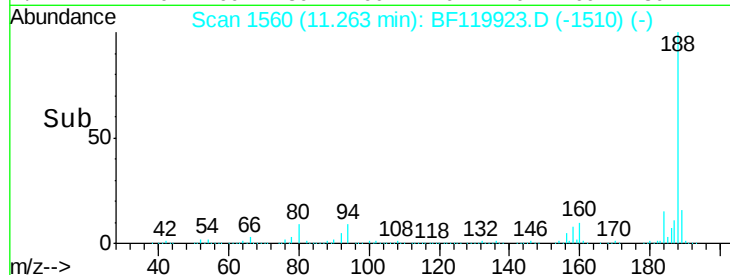
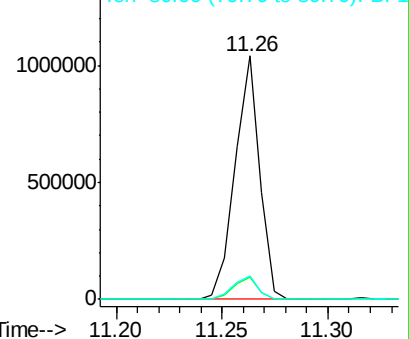
80 9.5 7.4 11.2



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: 2.518 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.25 min

Lab File: BF119923.D

Acq: 13 Apr 2020 19:02

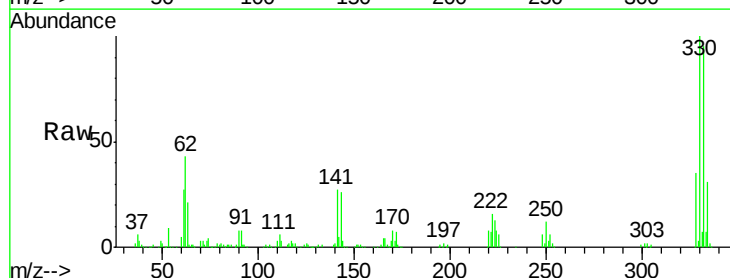
Tgt Ion:248 Resp: 26392

Ion Ratio Lower Upper

248 100

250 209.8 76.6 114.8#

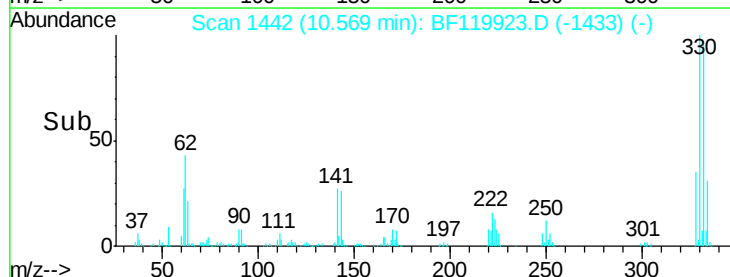
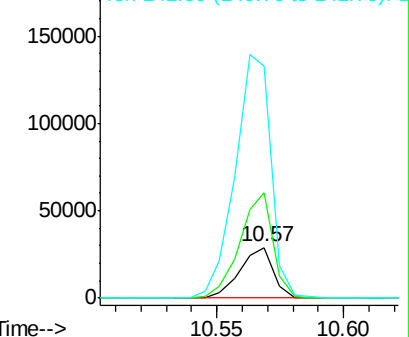
141 460.6 55.9 83.9#

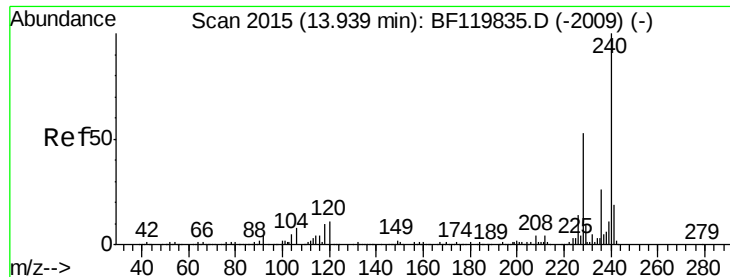


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF119923.D

Acq: 13 Apr 2020 19:02

Instrument :

BNA_F

ClientSampleId :

TP-9

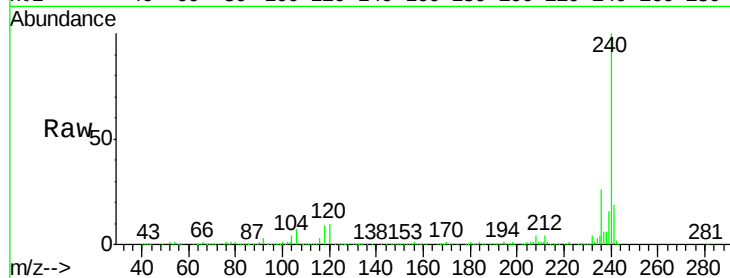
Tot Ion:240 Resp: 689487

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

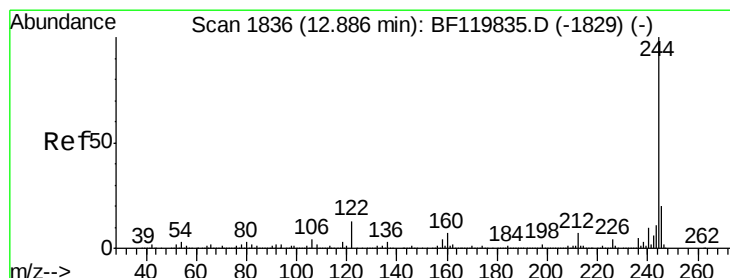
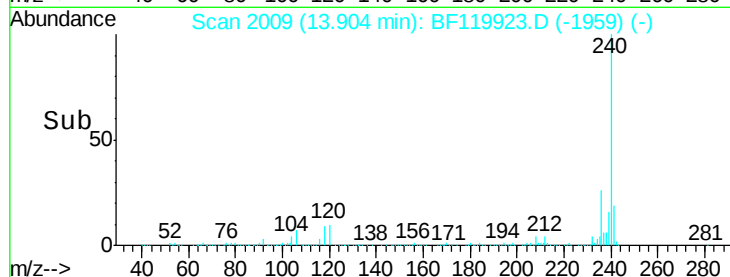
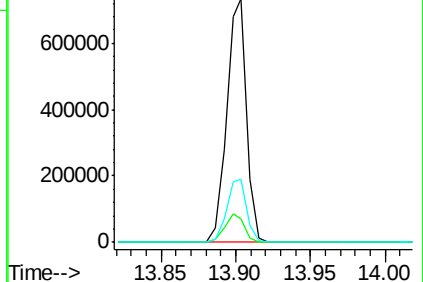
236 26.0 20.7 31.1



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: 53.531 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119923.D

Acq: 13 Apr 2020 19:02

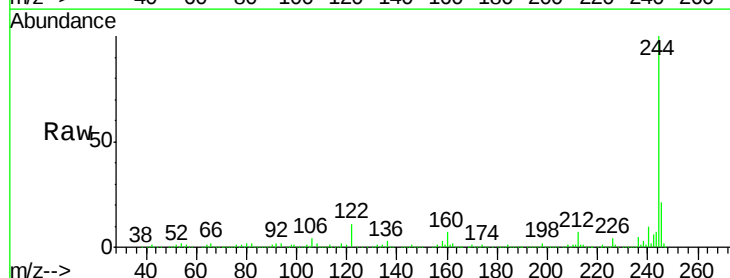
Tgt Ion:244 Resp: 2193496

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

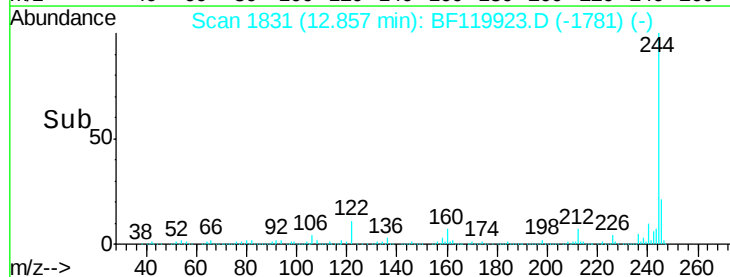
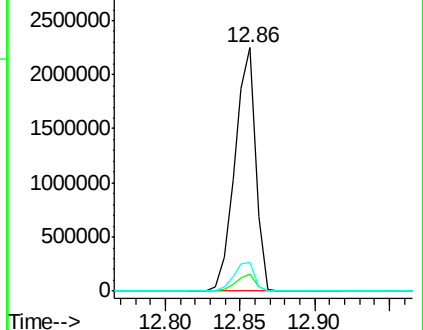
122 11.5 10.3 15.5

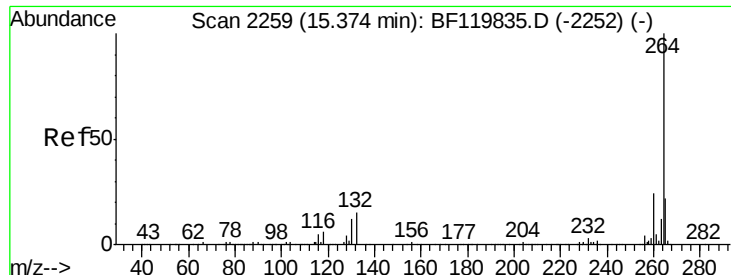


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

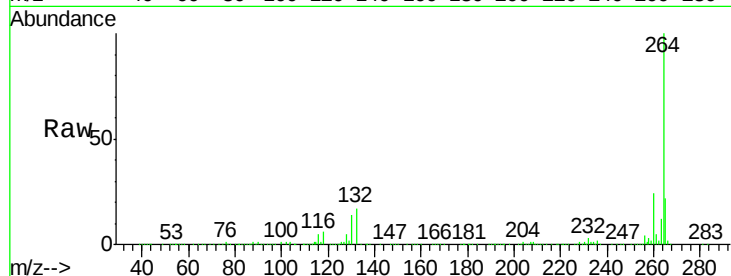




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119923.D
 Acq: 13 Apr 2020 19:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tot Ion:	264	Resp:	671853
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	22.0	17.6	26.4



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

