

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113739.D
 Acq On : 12 Apr 2019 15:31
 Operator : JU/SJ
 Sample : K2377-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:00:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

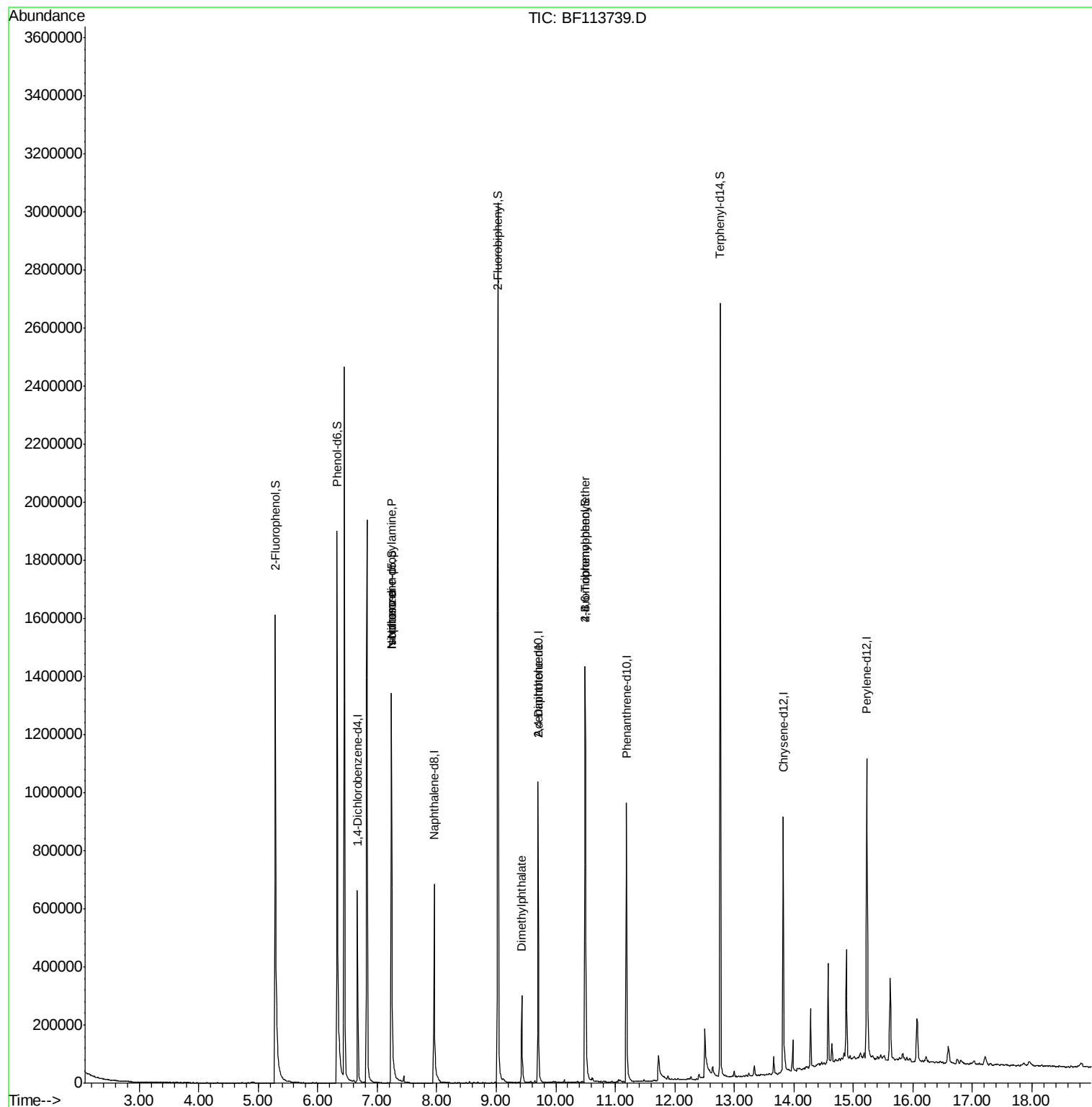
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	115539	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	443622	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	215081	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	433454	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	345755	20.00	ng	-0.02
87) Perylene-d12	15.23	264	355930	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	675323	99.67	ng	-0.01
7) Phenol-d6	6.33	99	885004	105.98	ng	-0.01
23) Nitrobenzene-d5	7.24	82	512374	67.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.49	330	244021	94.45	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	983107	73.59	ng	-0.02
79) Terphenyl-d14	12.76	244	1000277	58.90	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	63916	12.412	ng	# 76
25) Isophorone	7.24	82	512371	35.119	ng	# 64
50) Dimethylphthalate	9.43	163	153154	9.660	ng	100
57) 2,4-Dinitrotoluene	9.70	165	27016	6.392	ng	# 23
67) 4-Bromophenyl-phenylether	10.49	248	13489	2.775	ng	# 1

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

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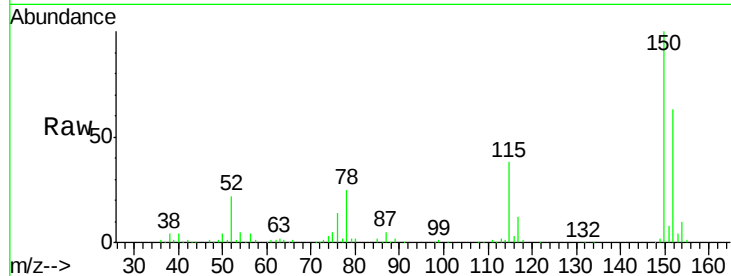


#1

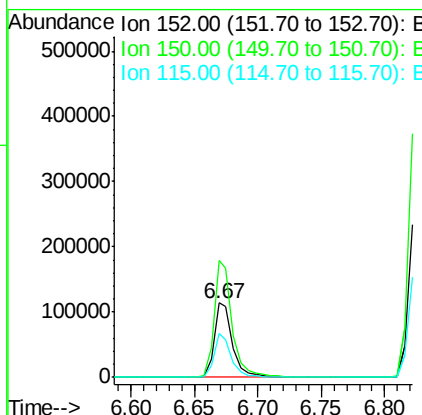
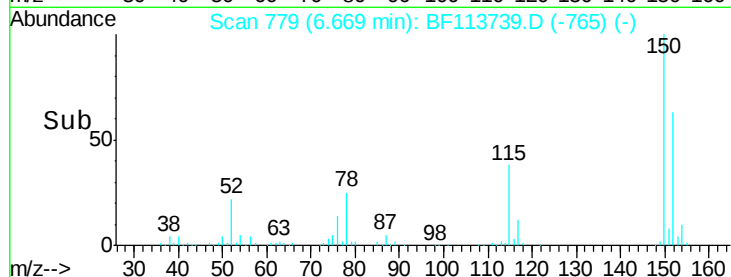
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113739.D
Acq: 12 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115539
Ion Ratio Lower Upper
152 100
150 158.1 124.7 187.1
115 59.7 46.0 69.0



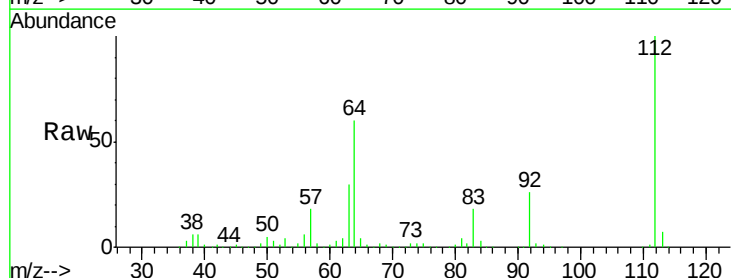
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



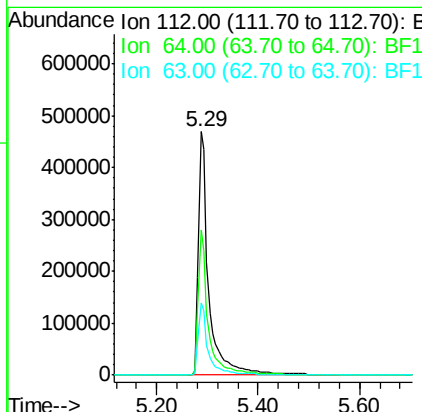
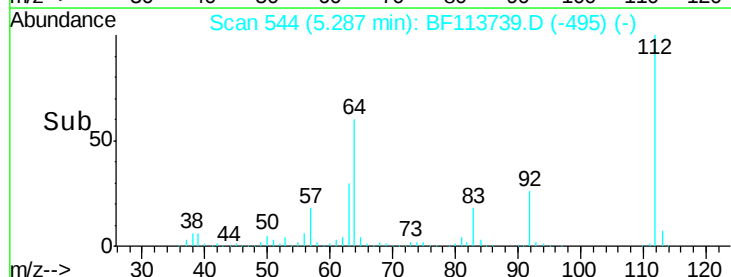
#5

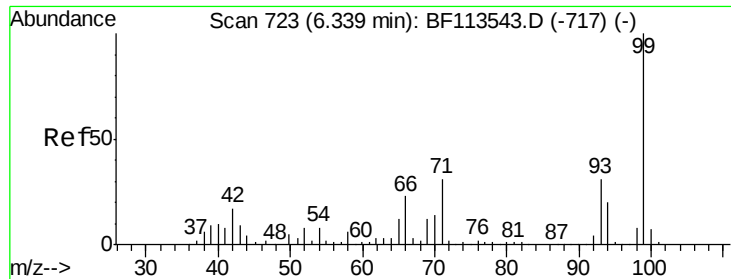
2-Fluorophenol
Concen: 99.670 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113739.D
Acq: 12 Apr 2019 15:31

Tgt Ion:112 Resp: 675323
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 29.8 24.9 37.3



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: 105.977 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113739.D

Acq: 12 Apr 2019 15:31

Instrument :

BNA_F

ClientSampled :

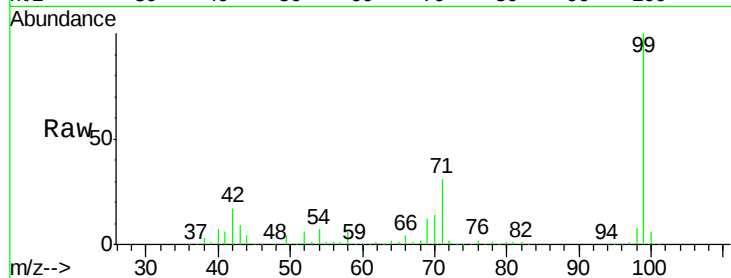
Tot Ion: 99 Resp: 885004

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

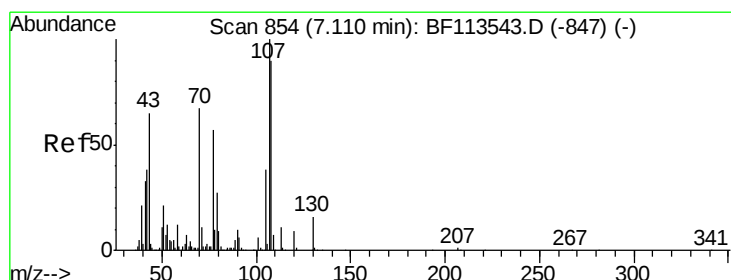
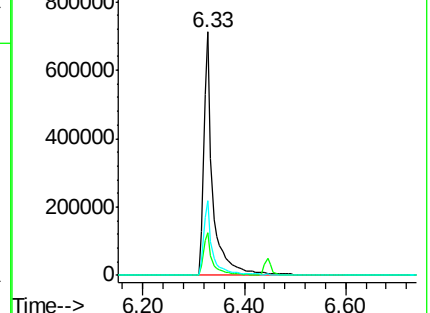
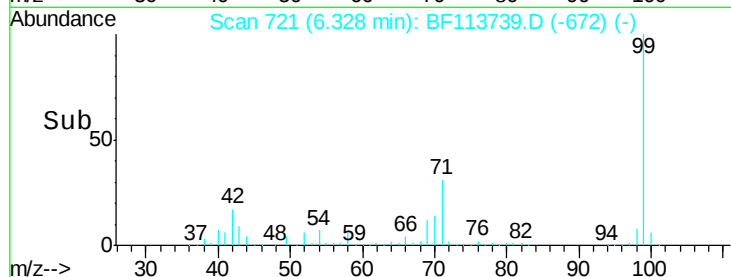
71 30.8 24.9 37.3



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: 12.412 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113739.D

Acq: 12 Apr 2019 15:31

Tgt Ion: 70 Resp: 63916

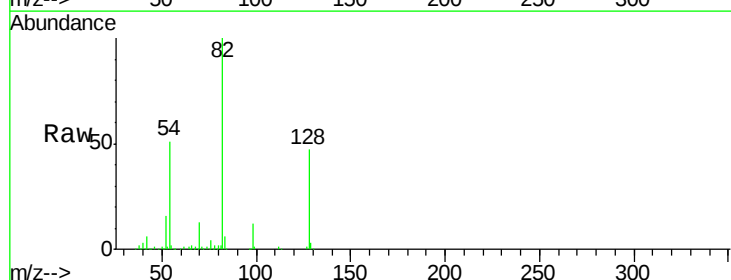
Ion Ratio Lower Upper

70 100

42 48.5 48.4 72.6

101 0.0 7.8 11.8#

130 2.0 18.2 27.4#

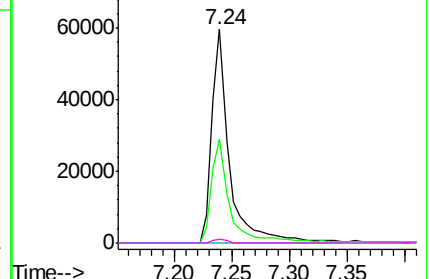
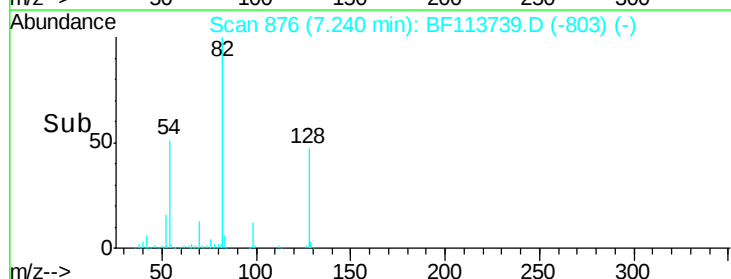


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

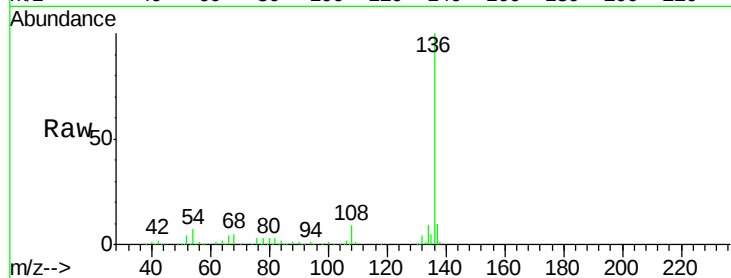




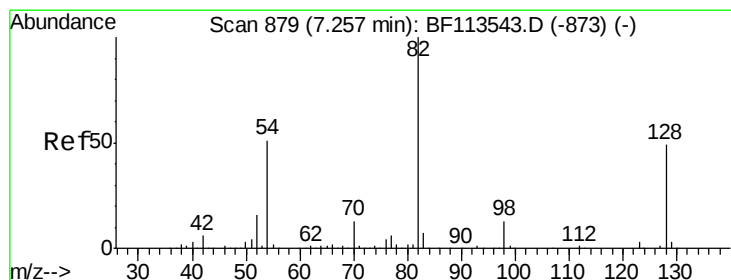
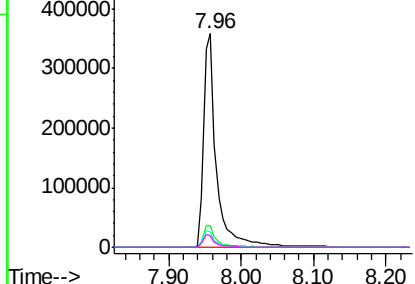
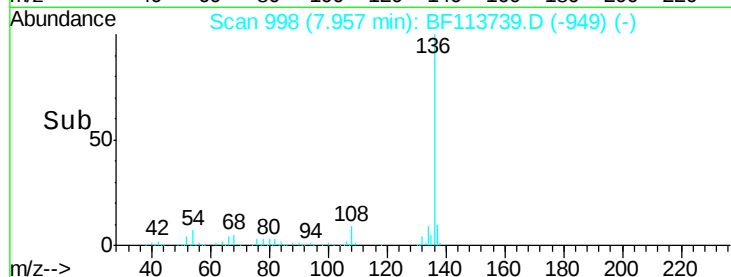
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113739.D
Acq: 12 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	443622
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.9 13.3
54	7.0	7.0 10.6#
68	5.4	4.8 7.2

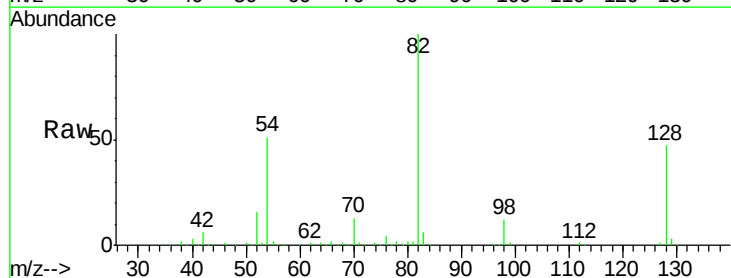


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

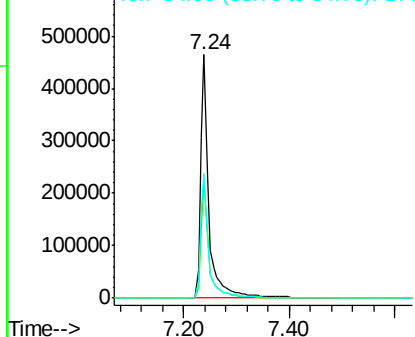
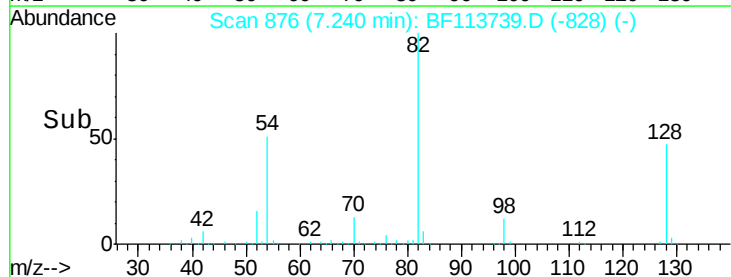


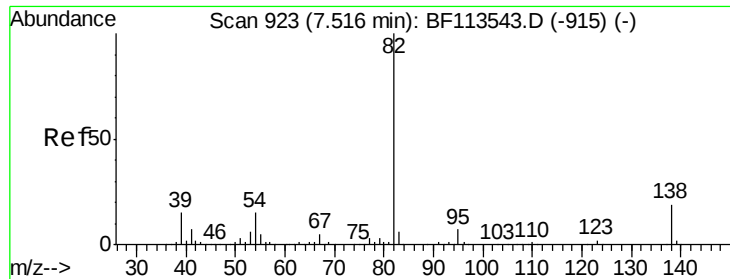
#23
Nitrobenzene-d5
Concen: 67.653 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113739.D
Acq: 12 Apr 2019 15:31

Tgt Ion: 82	Resp:	512374
Ion	Ratio	Lower Upper
82	100	
128	47.2	36.5 54.7
54	51.2	42.2 63.2



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

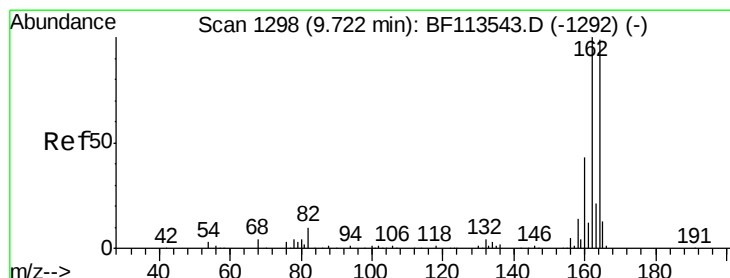
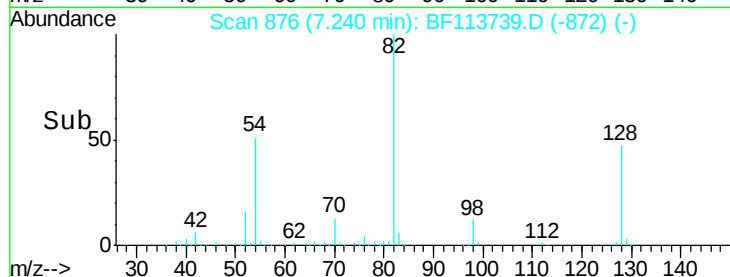
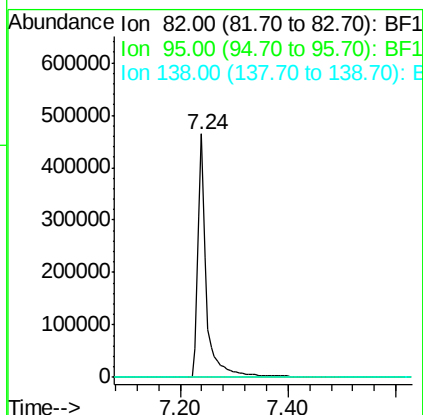
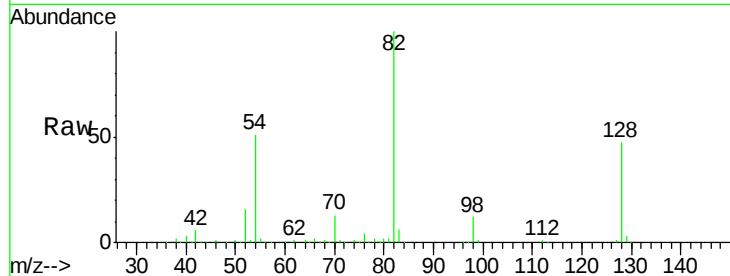




#25
Isophorone
Concen: 35.119 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113739.D
Acq: 12 Apr 2019 15:31

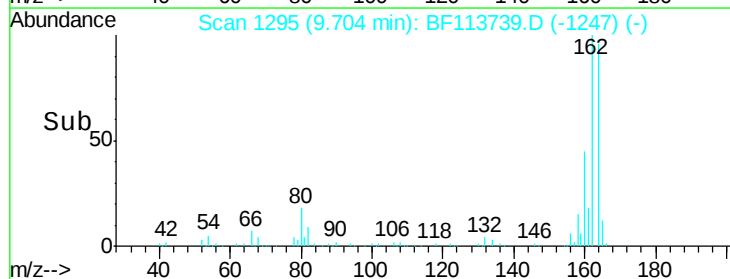
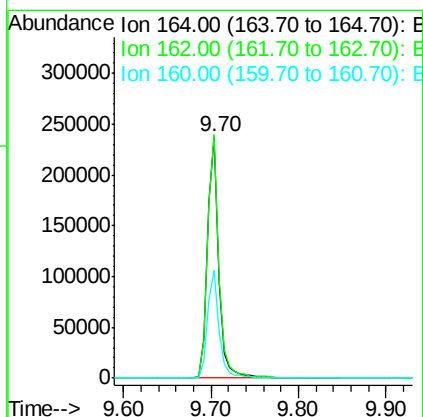
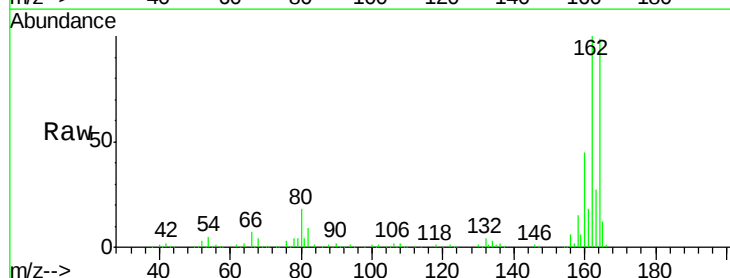
Instrument :
BNA_F
ClientSampleId :

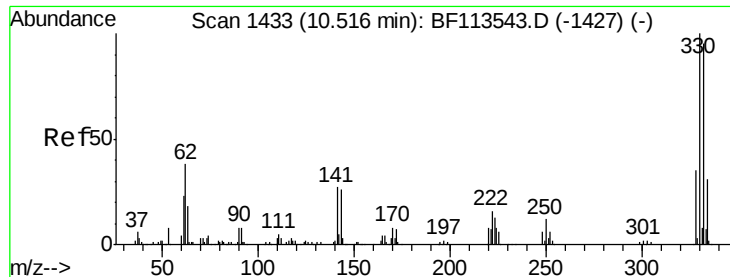
Tot Ion: 82 Resp: 512371
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113739.D
Acq: 12 Apr 2019 15:31

Tgt Ion:164 Resp: 215081
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 44.9 36.4 54.6

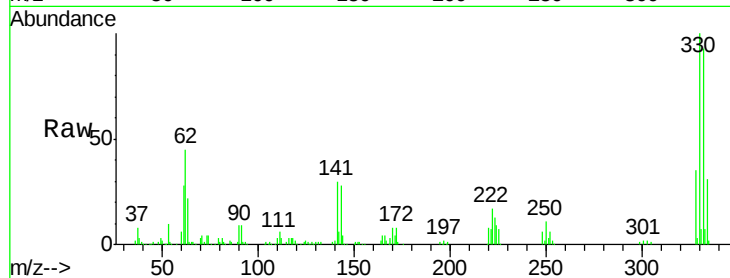




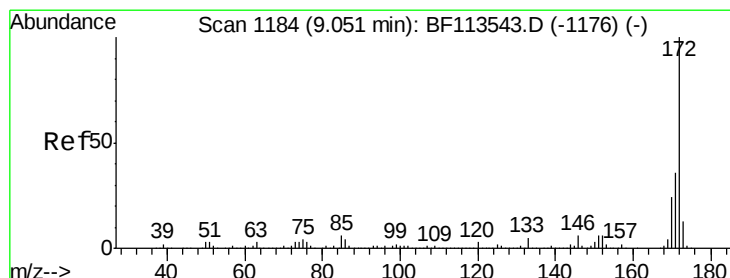
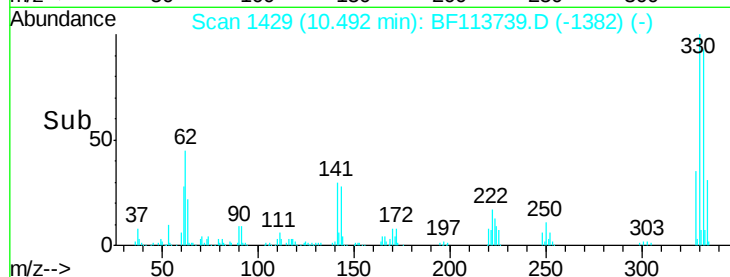
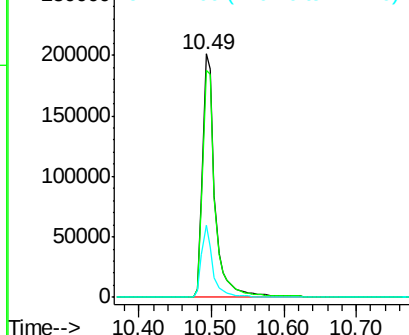
#42
 2,4,6-Tribromophenol
 Concen: 94.448 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF113739.D
 Acq: 12 Apr 2019 15:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 244021
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.8 116.6
 141 27.4 22.7 34.1

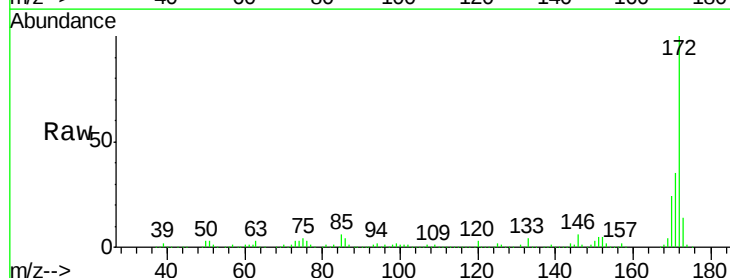


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

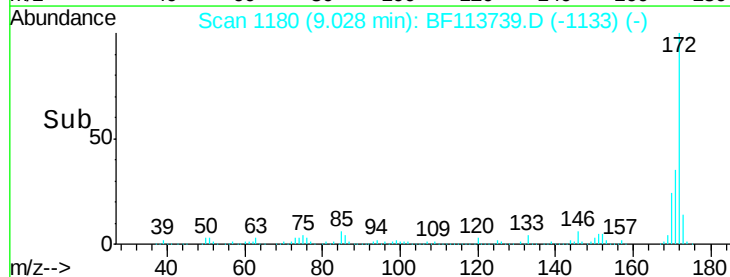
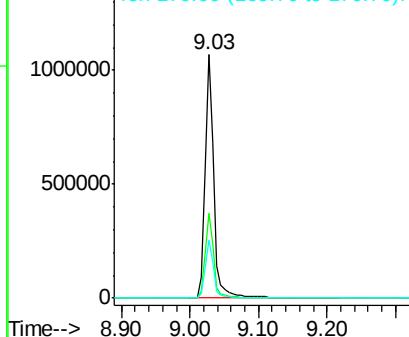


#45
 2-Fluorobiphenyl
 Concen: 73.586 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113739.D
 Acq: 12 Apr 2019 15:31

Tgt Ion:172 Resp: 983107
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.6
 170 23.9 19.5 29.3



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

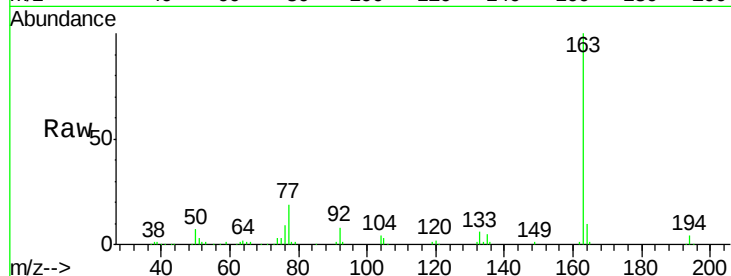




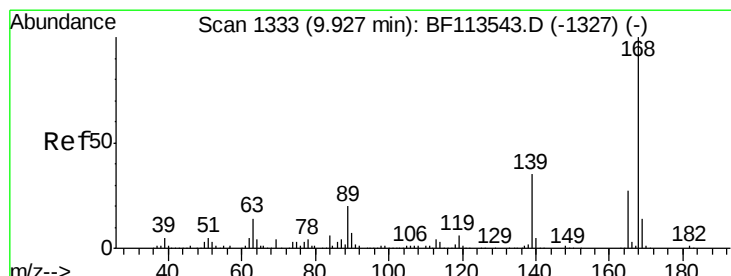
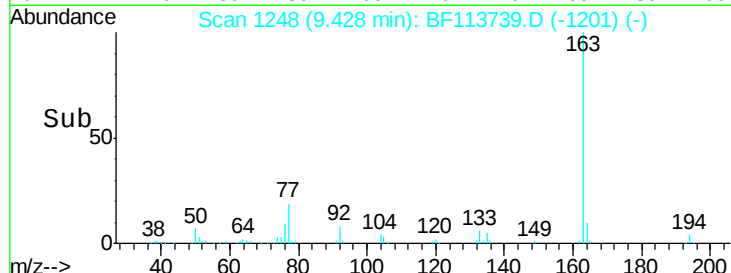
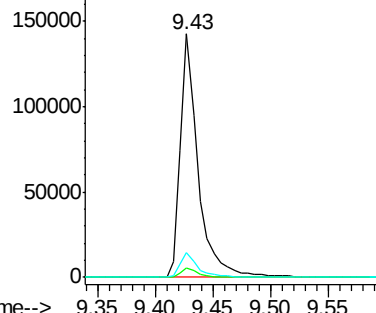
#50
Dimethylphthalate
Concen: 9.660 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113739.D
Acq: 12 Apr 2019 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.0	8.1	12.1



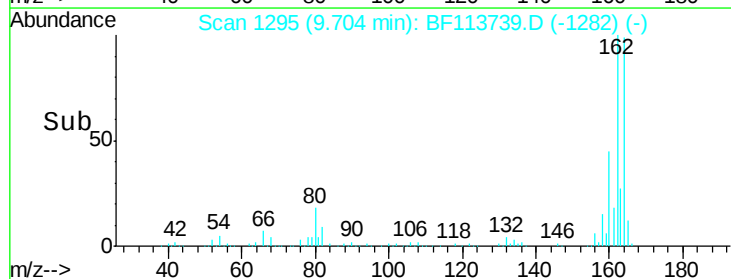
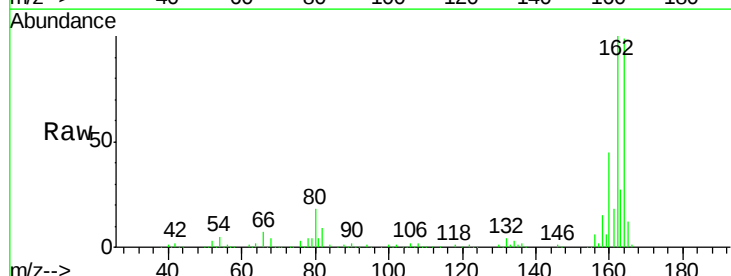
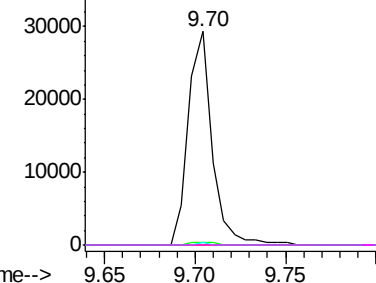
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

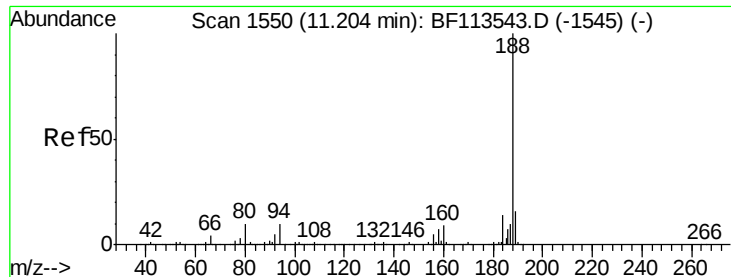


#57
2,4-Dinitrotoluene
Concen: 6.392 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113739.D
Acq: 12 Apr 2019 15:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.5	56.3#
89	1.1	57.4	86.2#
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

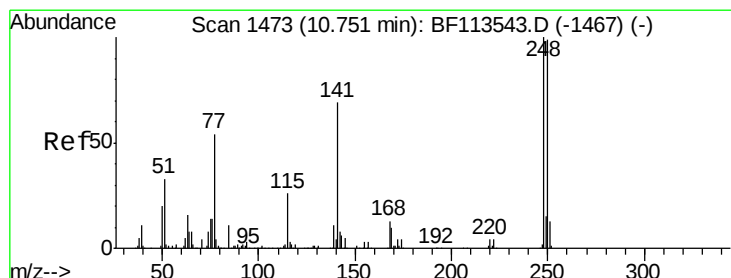
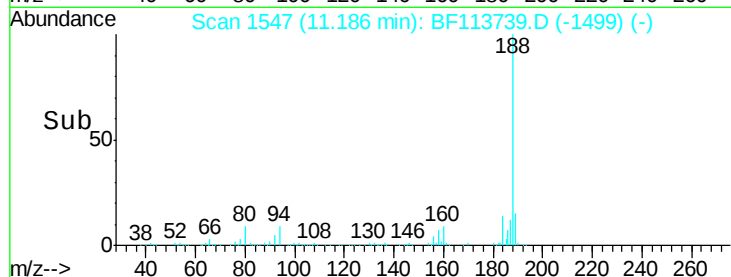
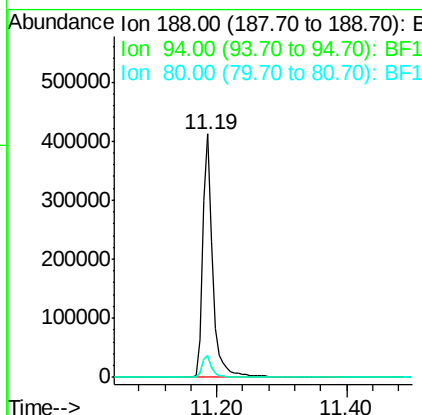
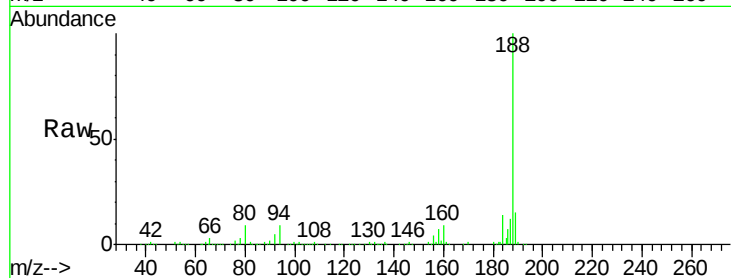




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113739.D
 Acq: 12 Apr 2019 15:31

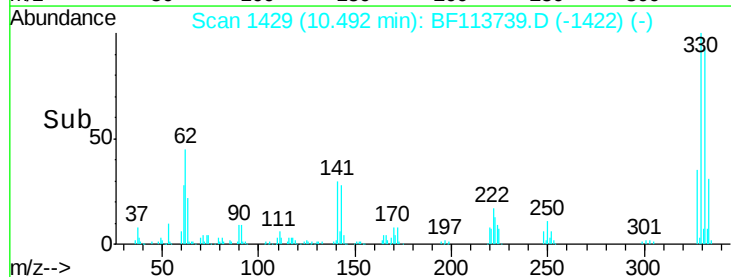
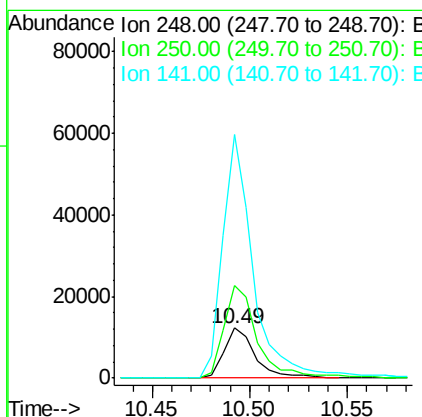
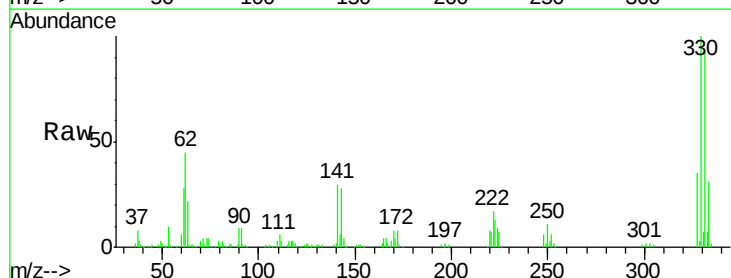
Instrument :
 BNA_F
 ClientSampled :

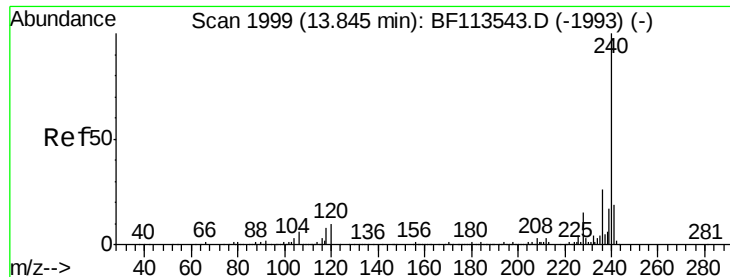
Tot Ion:188 Resp: 433454
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.0 10.6
 80 8.9 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 2.775 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.26 min
 Lab File: BF113739.D
 Acq: 12 Apr 2019 15:31

Tgt Ion:248 Resp: 13489
 Ion Ratio Lower Upper
 248 100
 250 184.7 78.3 117.5#
 141 487.4 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113739.D

Acq: 12 Apr 2019 15:31

Instrument :

BNA_F

ClientSampleId :

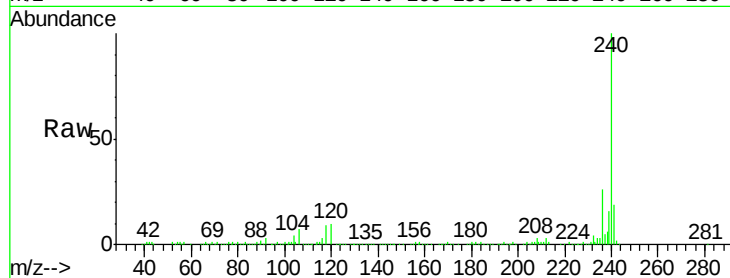
Tot Ion:240 Resp: 345755

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

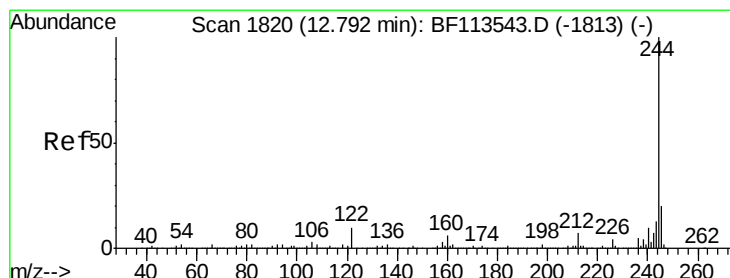
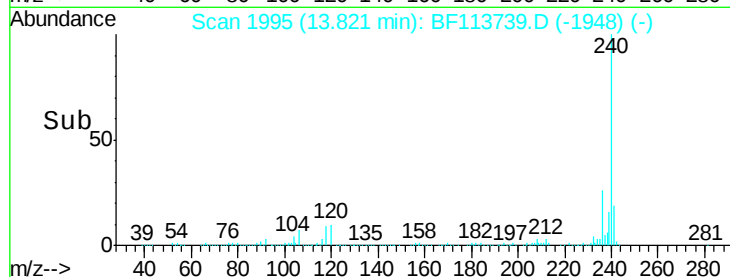
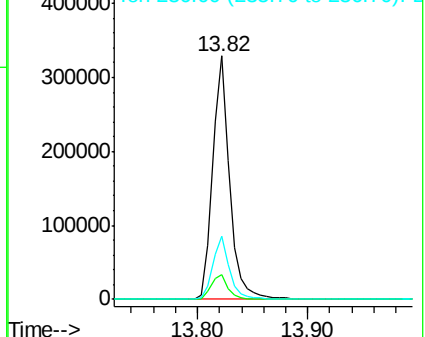
236 25.7 20.9 31.3



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: 58.902 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113739.D

Acq: 12 Apr 2019 15:31

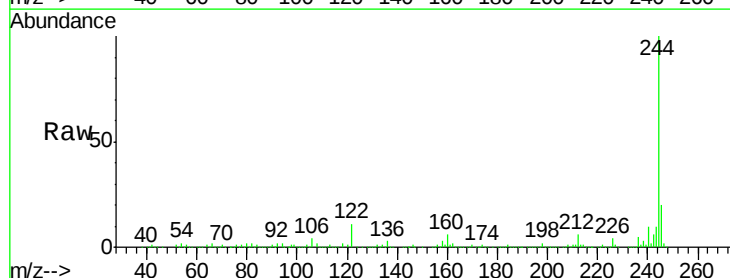
Tgt Ion:244 Resp: 1000277

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

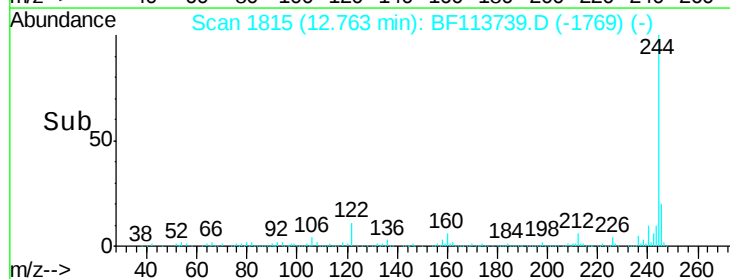
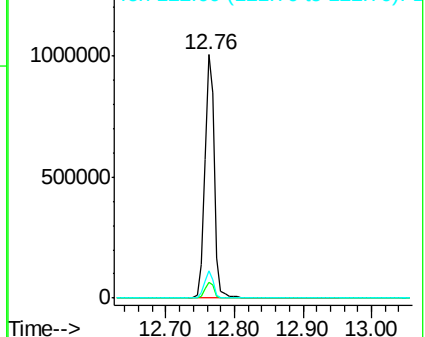
122 11.3 8.6 13.0

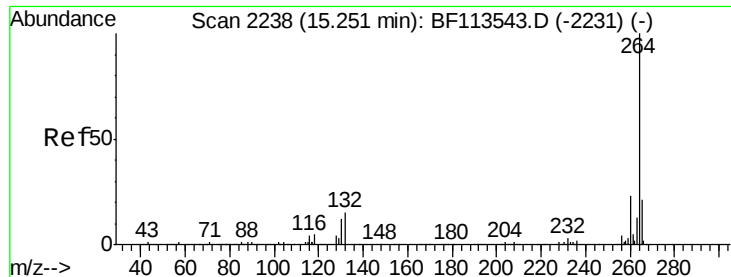


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

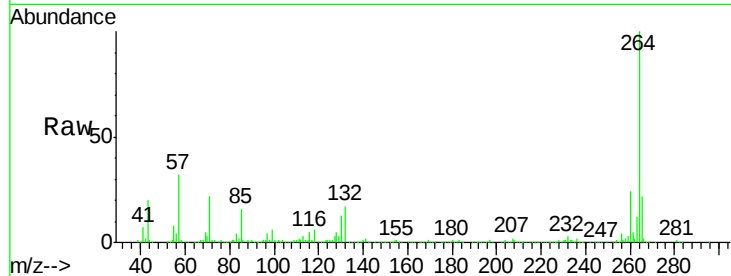




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113739.D
 Acq: 12 Apr 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.7	17.1	25.7



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

