

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112754.D
 Acq On : 28 Feb 2019 11:32
 Operator : JU/SJ
 Sample : K1594-22DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

Quant Time: Mar 01 05:42:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

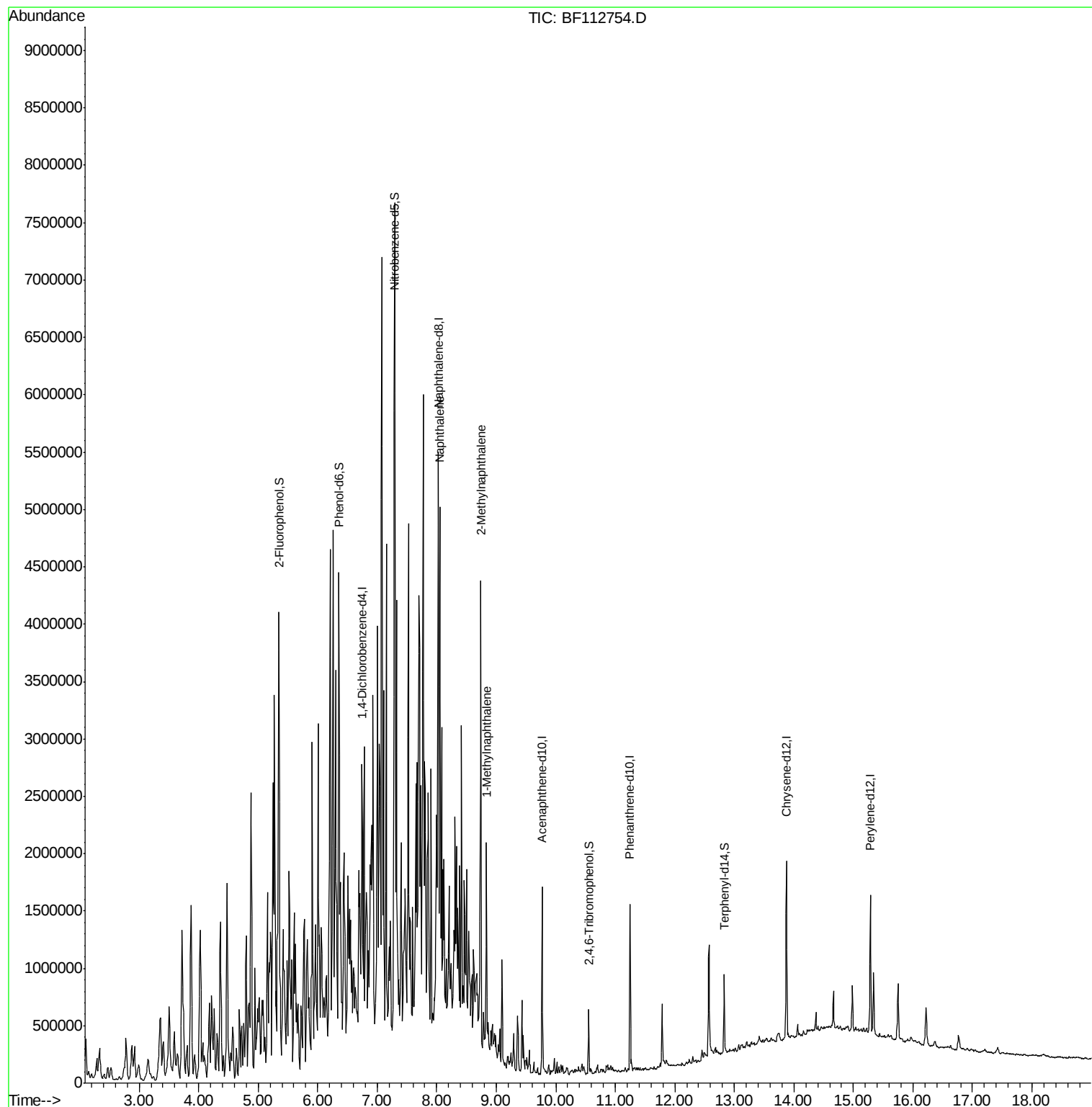
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	190208	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	638684	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	328020	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	555369	20.00	ng	0.00
76) Chrysene-d12	13.87	240	482685	20.00	ng	0.00
87) Perylene-d12	15.29	264	550811	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	203784	16.67	ng	0.00
7) Phenol-d6	6.36	99	290649	18.92	ng	0.00
23) Nitrobenzene-d5	7.30	82	159027	14.90	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	58524	16.81	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	253650	0.10	ng	0.00
79) Terphenyl-d14	12.83	244	212977	8.55	ng	0.00
Target Compounds						
31) Naphthalene	8.05	128	968171	30.533	ng	Qvalue # 95
37) 2-Methylnaphthalene	8.74	142	1061685	51.847	ng	100
38) 1-Methylnaphthalene	8.84	142	468237	23.605	ng	98

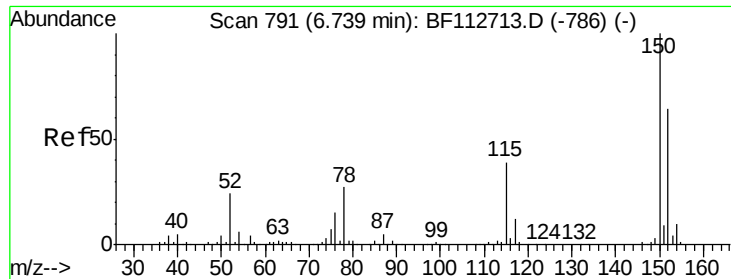
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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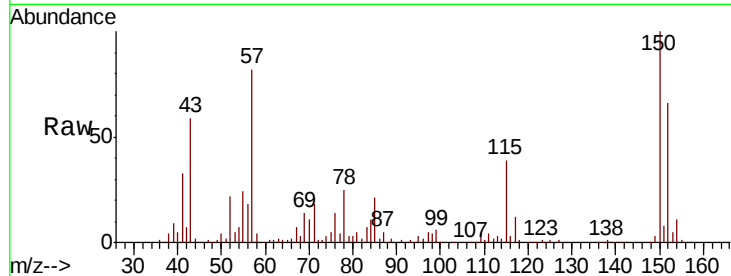


#1

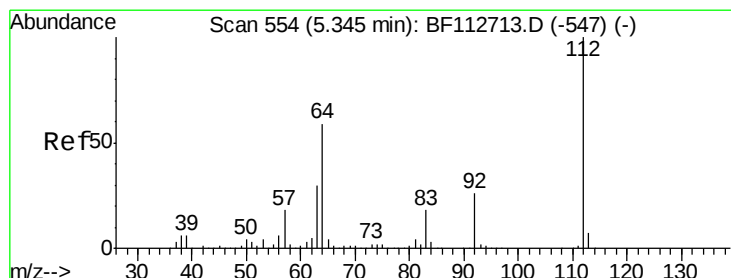
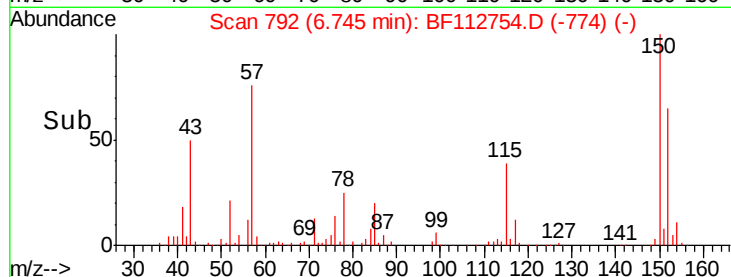
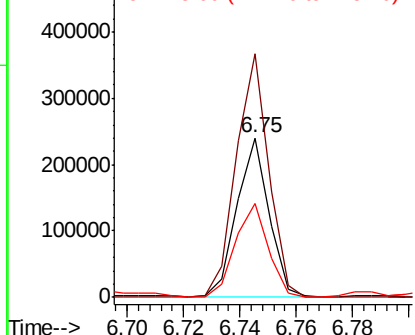
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleID :
B-1(8-9)DL

Tot Ion:152 Resp: 190208
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.2
115 58.9 48.2 72.4



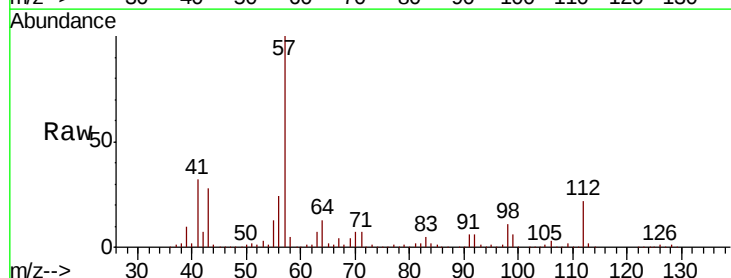
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



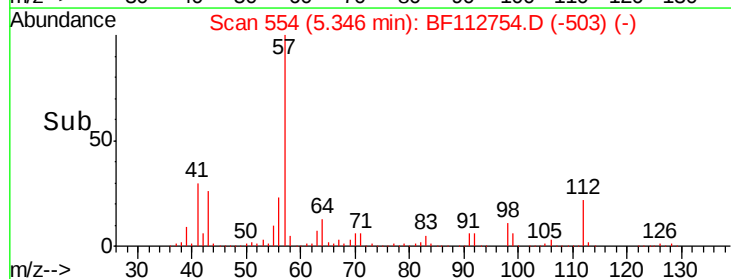
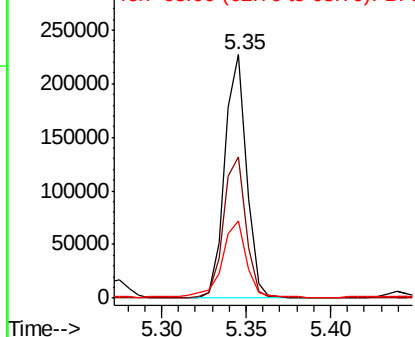
#5

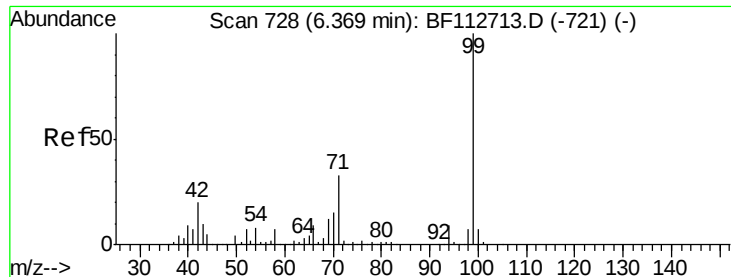
2-Fluorophenol
Concen: 16.666 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:112 Resp: 203784
Ion Ratio Lower Upper
112 100
64 57.9 47.6 71.4
63 31.5 24.4 36.6



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: 18.922 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112754.D

Acq: 28 Feb 2019 11:32

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

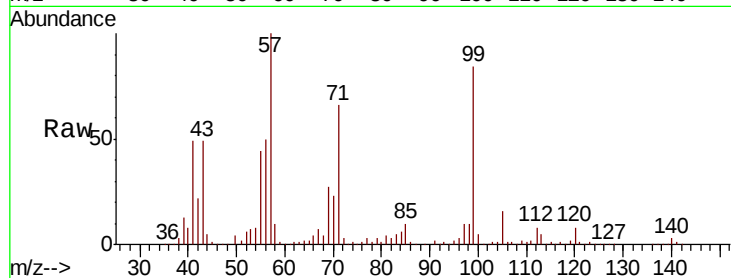
Tot Ion: 99 Resp: 290649

Ion Ratio Lower Upper

99 100

42 26.6 16.3 24.5#

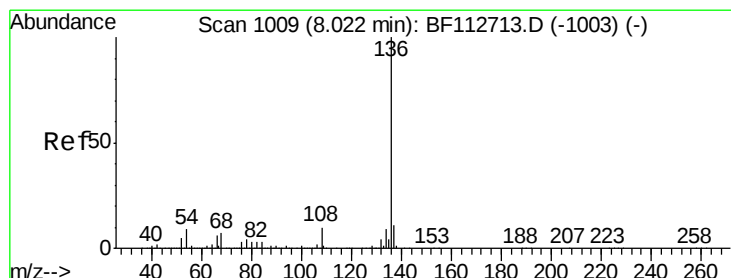
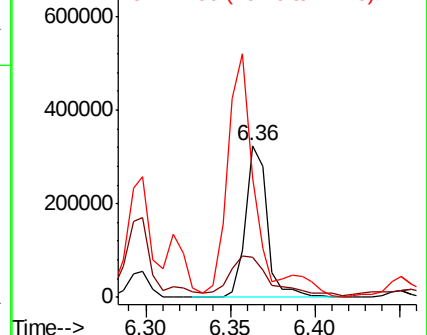
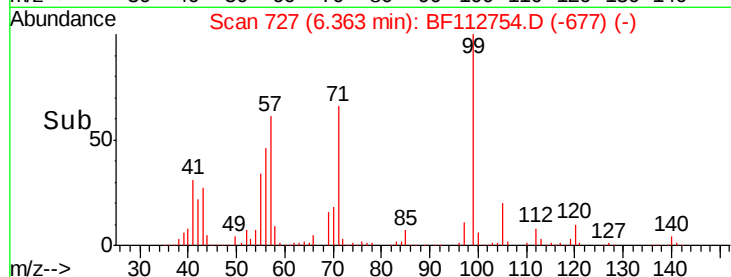
71 79.1 26.2 39.4#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112754.D

Acq: 28 Feb 2019 11:32

Tgt Ion: 136 Resp: 638684

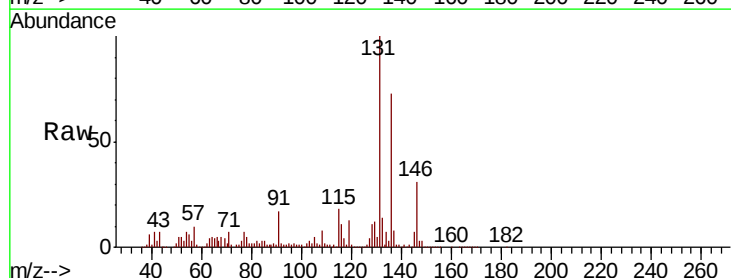
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.4 7.3 10.9

68 6.8 5.4 8.2

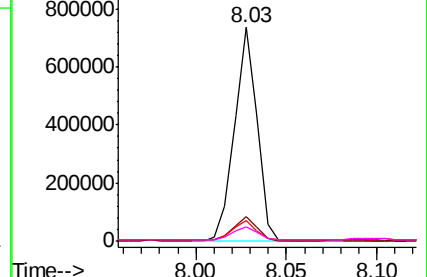
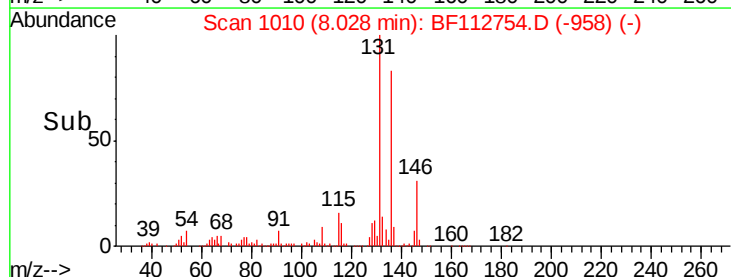


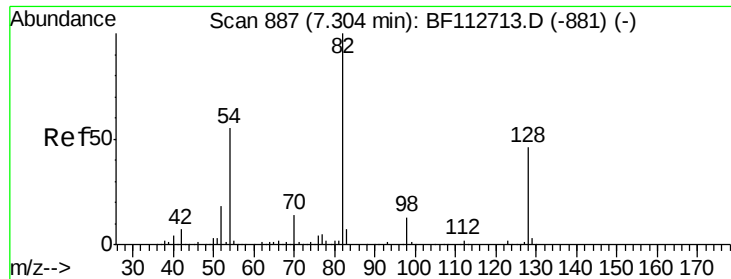
Abundance Ion 136.00 (135.70 to 136.70): E

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

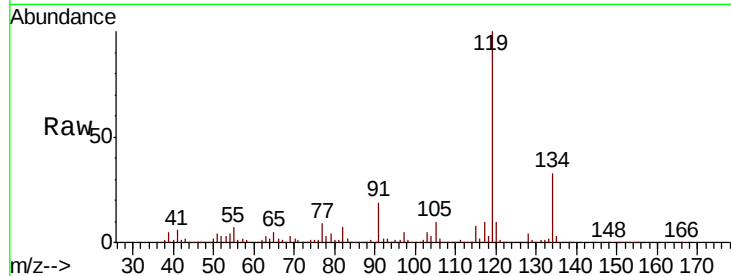




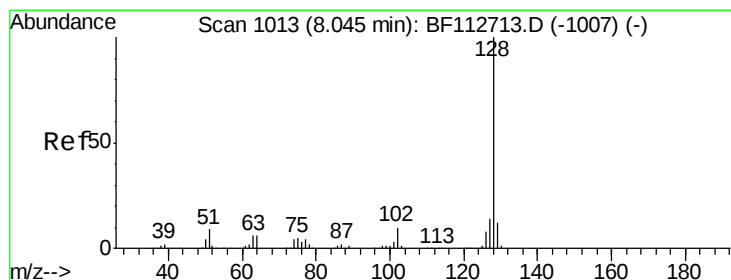
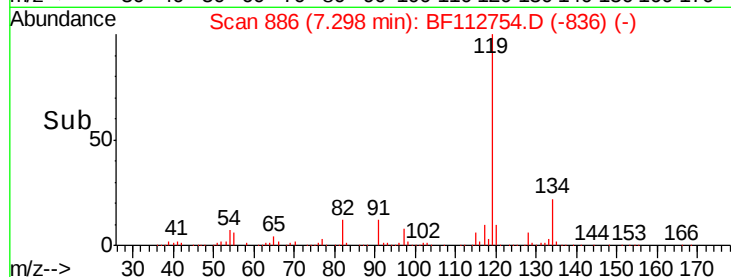
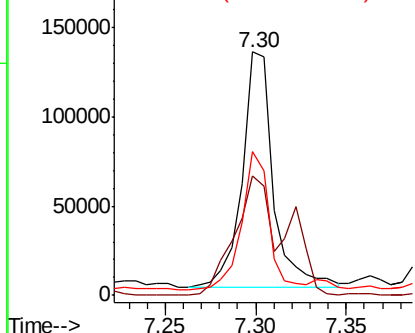
#23
Nitrobenzene-d5
Concen: 14.899 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tot Ion	82	Resp	159027
Ion Ratio	Lower	Upper	
82	100		
128	49.0	36.3	54.5
54	59.2	43.7	65.5

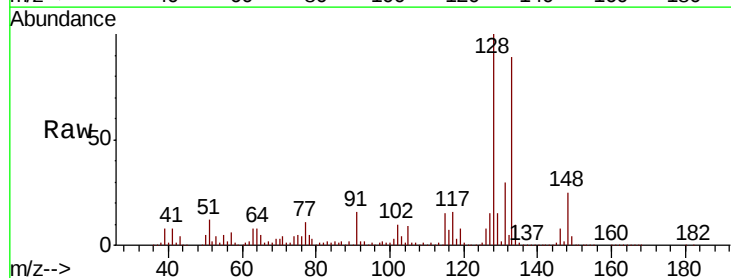


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

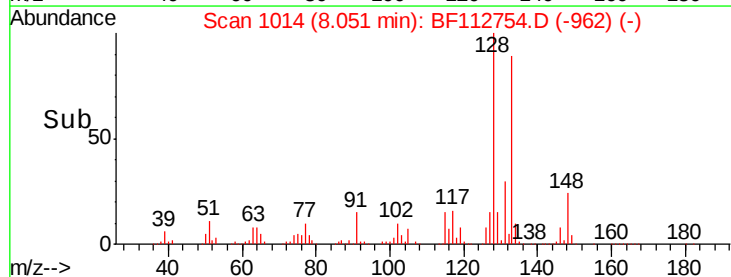
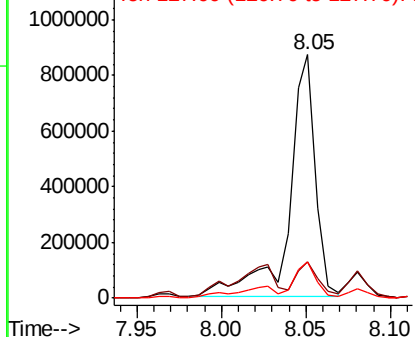


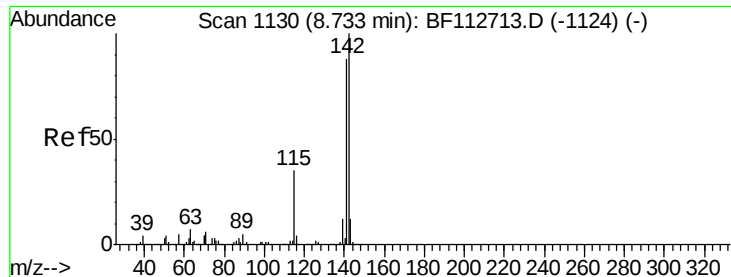
#31
Naphthalene
Concen: 30.533 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion	128	Resp	968171
Ion Ratio	Lower	Upper	
128	100		
129	14.8	9.3	13.9#
127	14.7	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

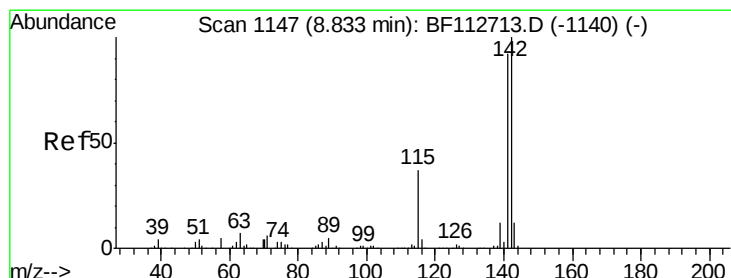
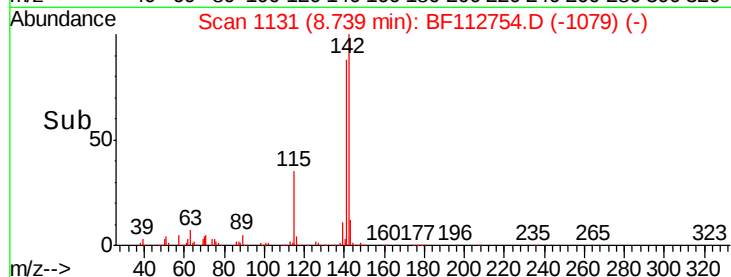
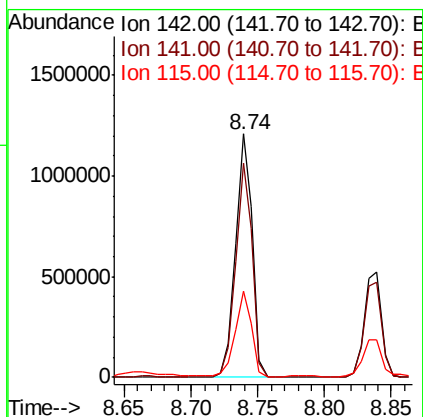
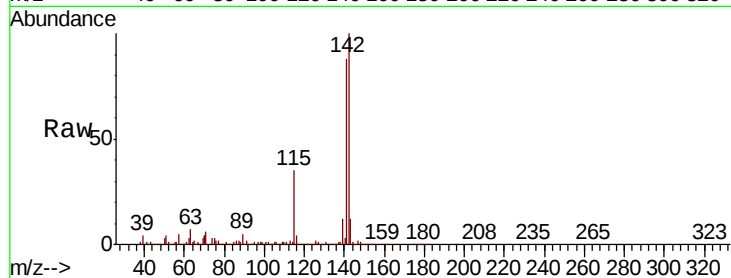




#37
2-Methylnaphthalene
Concen: 51.847 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

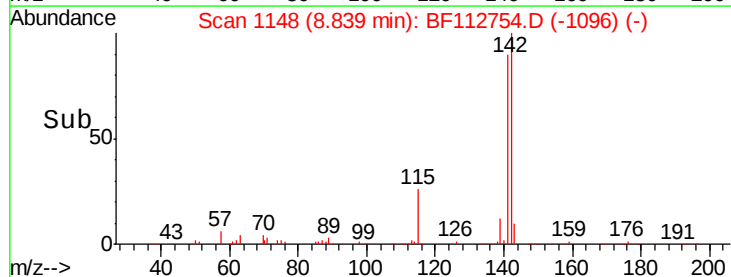
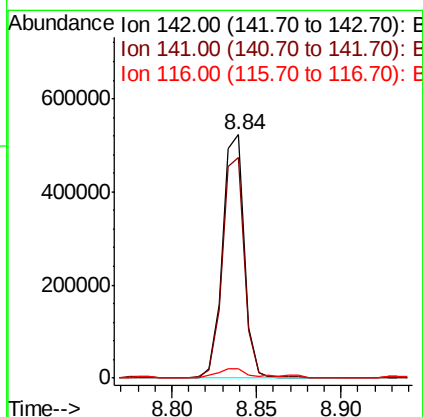
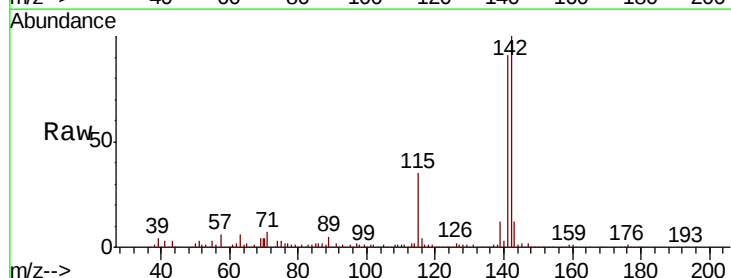
Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

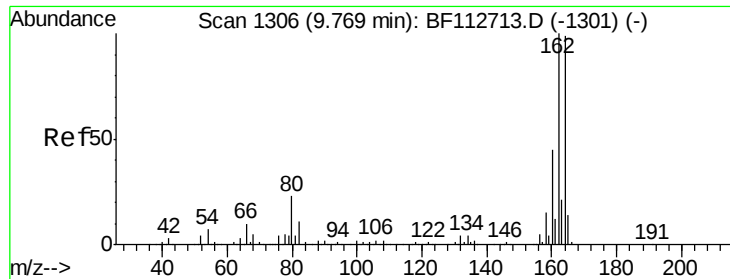
Tot Ion:142 Resp: 1061685
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
115 35.1 27.8 41.6



#38
1-Methylnaphthalene
Concen: 23.605 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:142 Resp: 468237
Ion Ratio Lower Upper
142 100
141 90.6 73.7 110.5
116 3.8 3.1 4.7

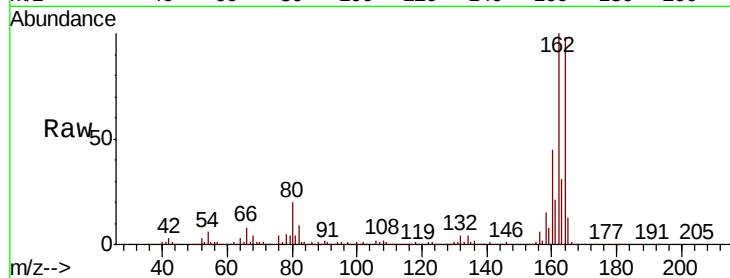




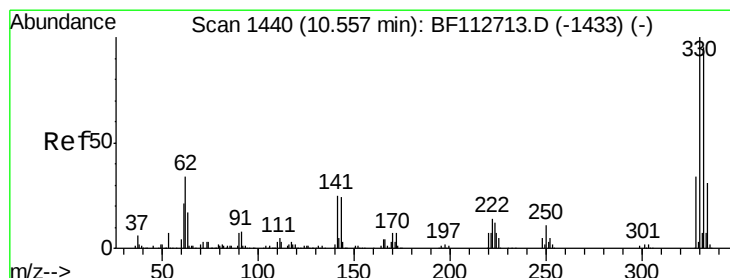
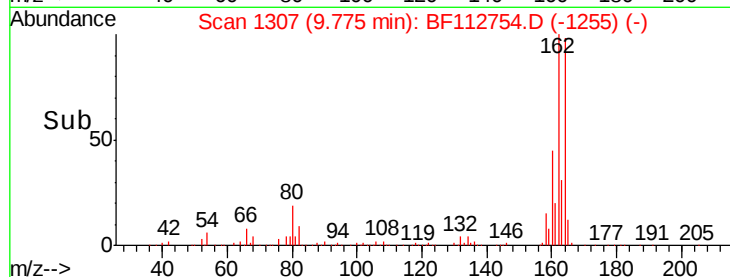
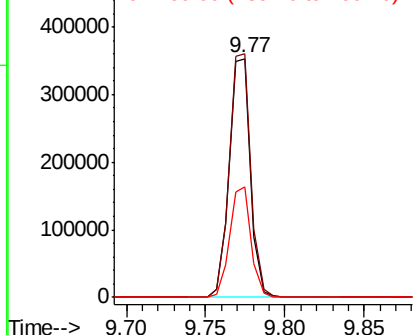
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112754.D
 Acq: 28 Feb 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

Tot Ion:164 Resp: 328020
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 120.8
 160 46.0 36.0 54.0

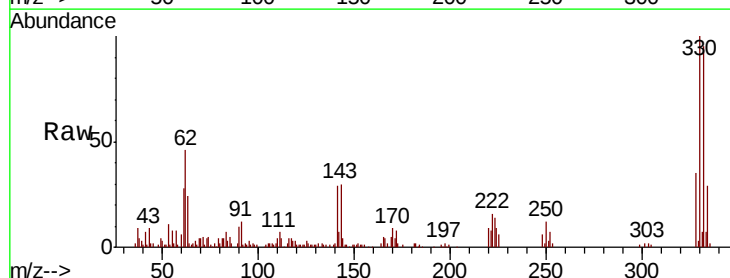


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

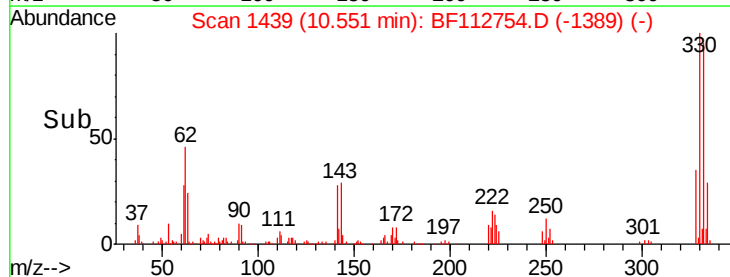
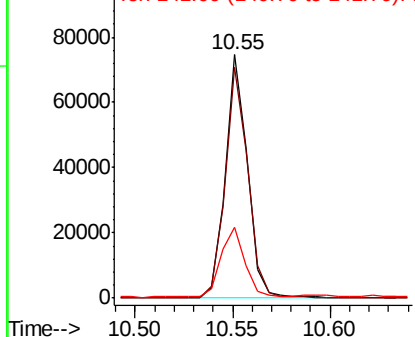


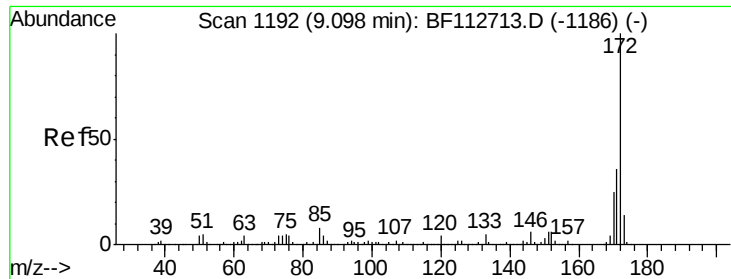
#42
 2,4,6-Tribromophenol
 Concen: 16.806 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112754.D
 Acq: 28 Feb 2019 11:32

Tgt Ion:330 Resp: 58524
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 33.7 27.0 40.6



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

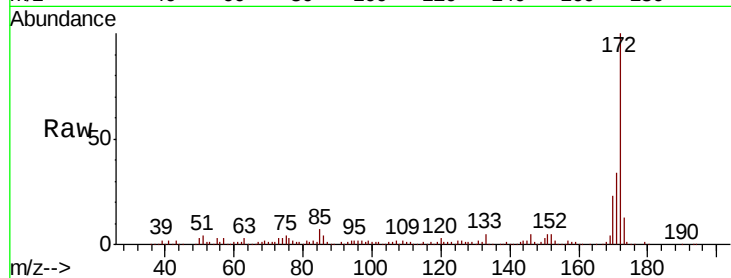




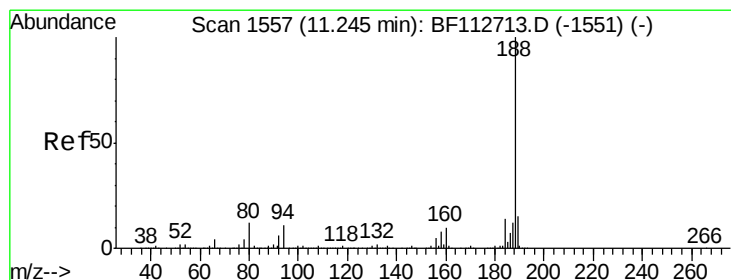
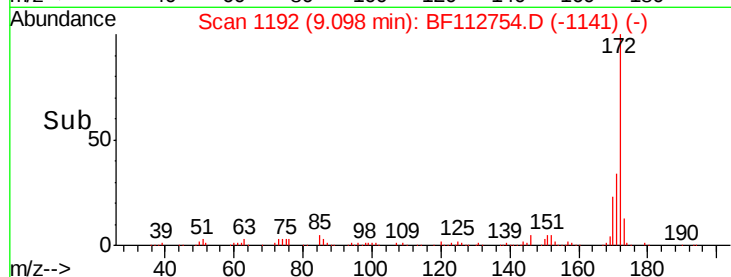
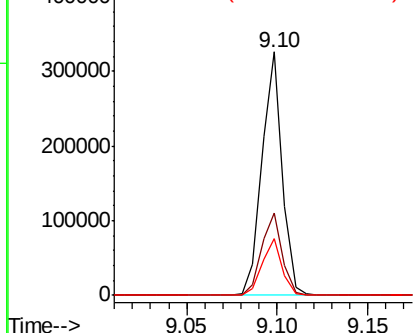
#45
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.0	43.4
170	23.1	20.0	30.0

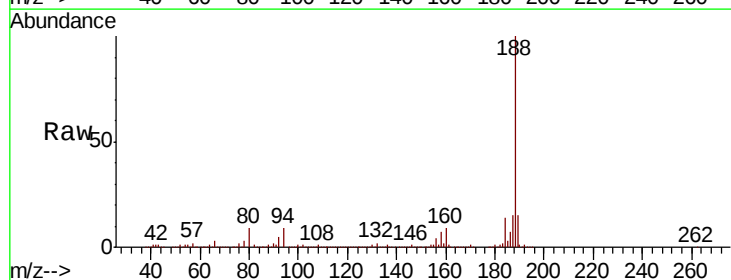


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

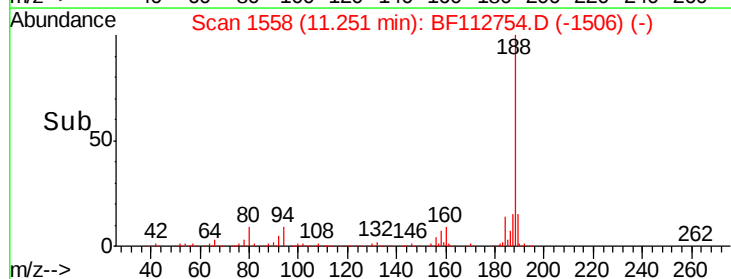
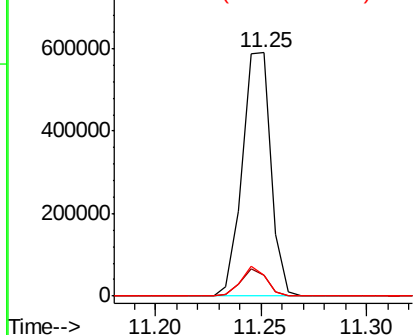


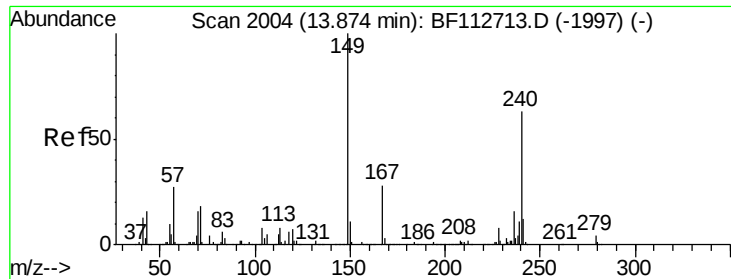
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	8.8	9.2	13.8#



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

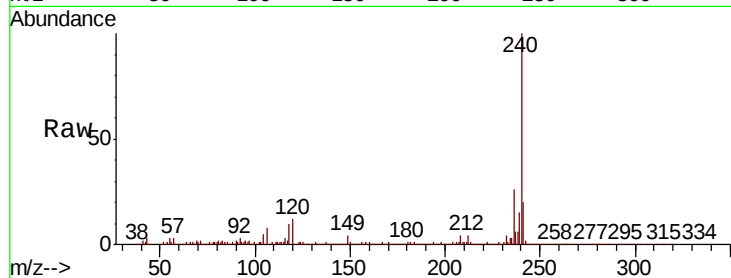




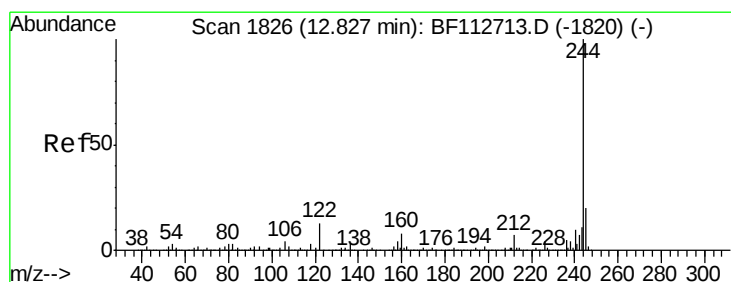
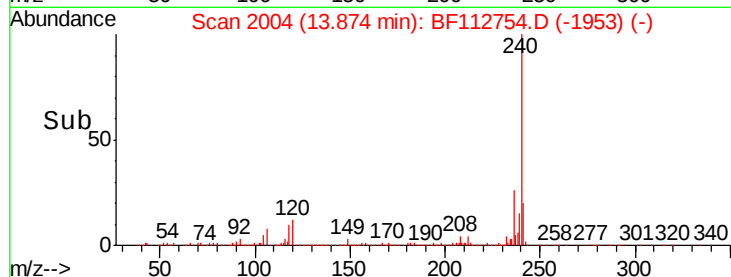
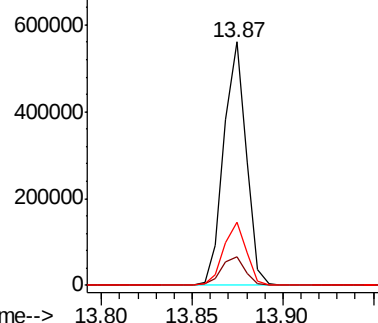
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tot Ion:240 Resp: 482685
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 26.2 20.7 31.1

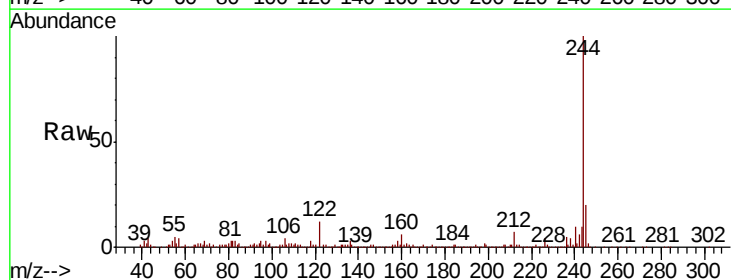


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

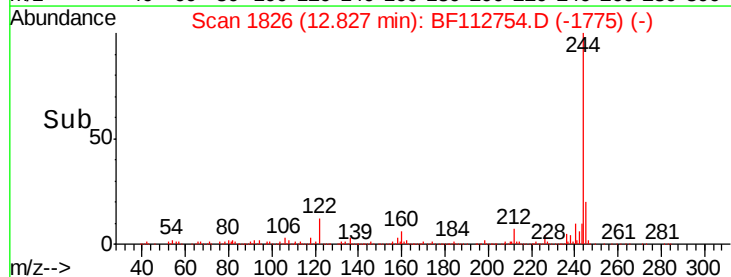
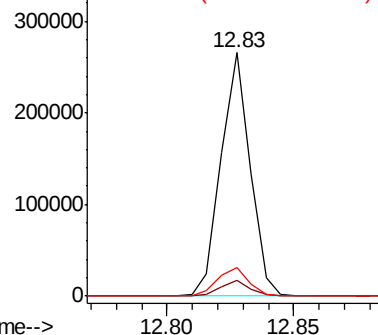


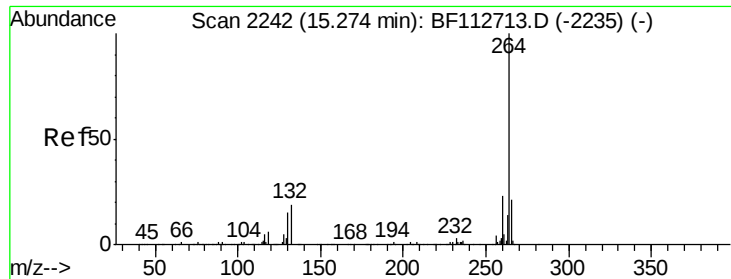
#79
Terphenyl-d14
Concen: 8.553 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:244 Resp: 212977
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 11.9 10.5 15.7



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



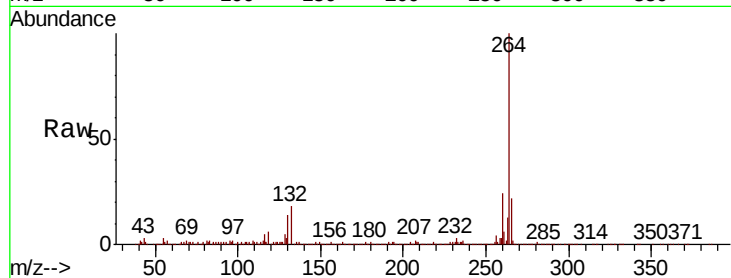


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tot Ion:264 Resp: 550811

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.2	25.8



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

