

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113097.D
 Acq On : 18 Mar 2019 18:22
 Operator : JU/SJ
 Sample : K1901-06 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Quant Time: Mar 19 04:50:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

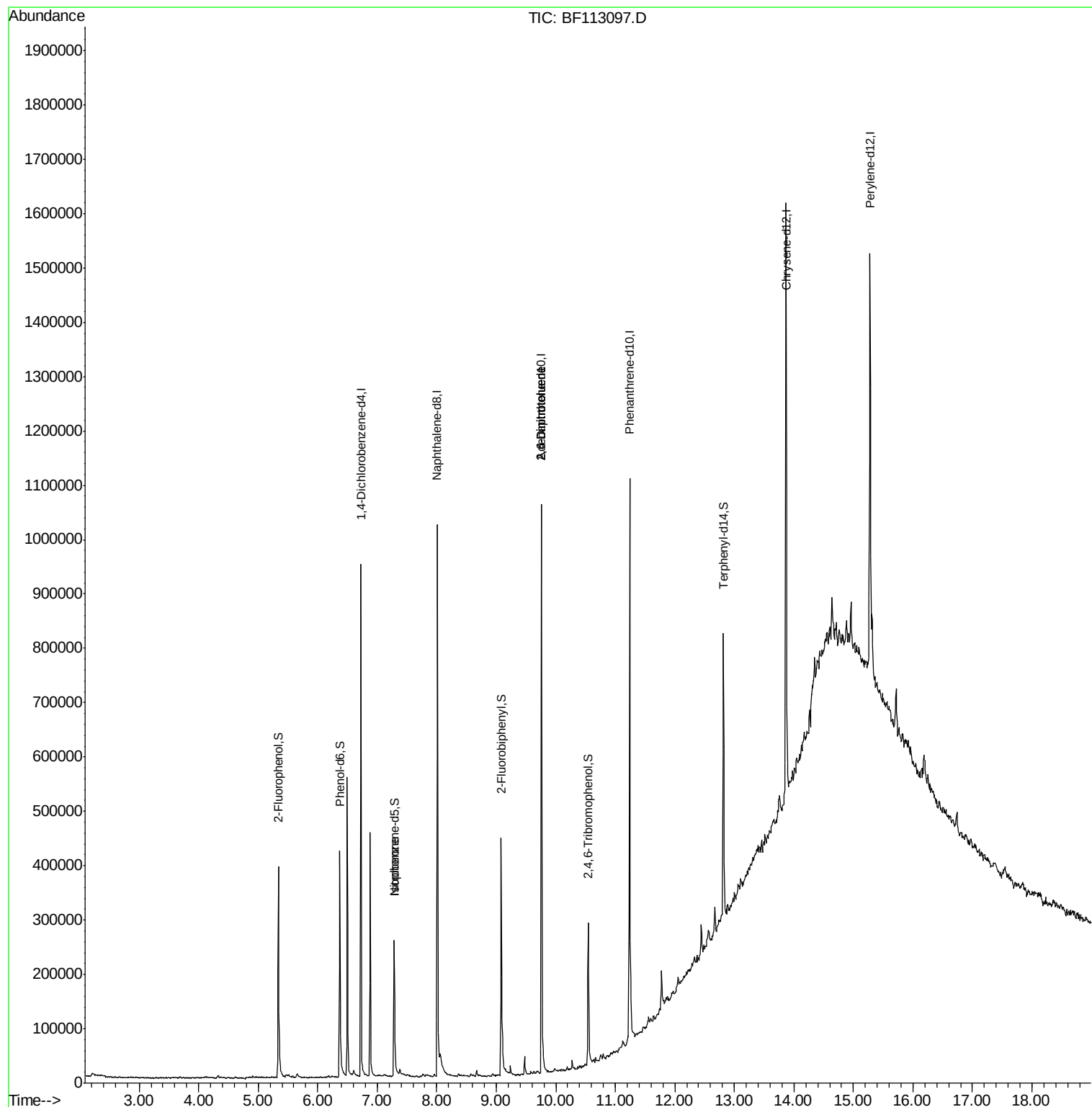
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141584	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	473205	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	236674	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	445981	20.00	ng	0.00
76) Chrysene-d12	13.87	240	448219	20.00	ng	0.00
87) Perylene-d12	15.28	264	416070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	131140	14.41	ng	0.00
7) Phenol-d6	6.37	99	172279	15.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	102616	12.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	40980	16.31	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	199300	10.13	ng	-0.01
79) Terphenyl-d14	12.82	244	188436	8.15	ng	0.00
Target Compounds						
25) Isophorone	7.29	82	102630	6.024	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	30393	8.363	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	30523	6.757	ng	# 17

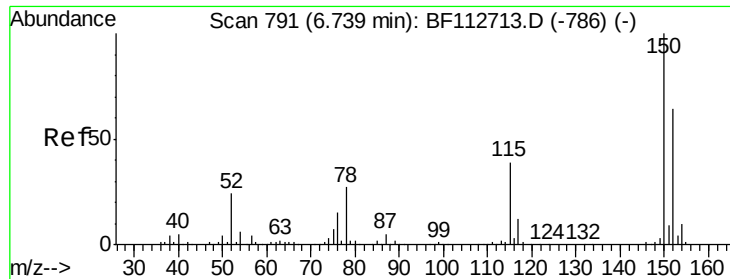
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF113097.D
Acq On : 18 Mar 2019 18:22
Operator : JU/SJ
Sample : K1901-06 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

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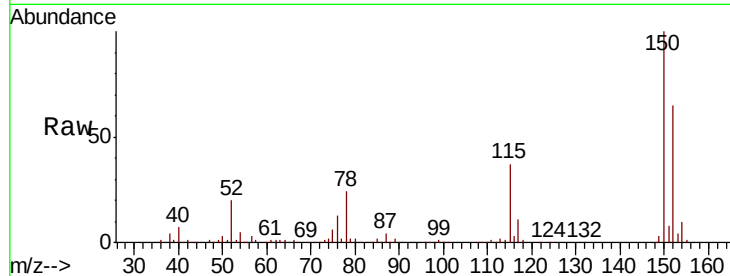




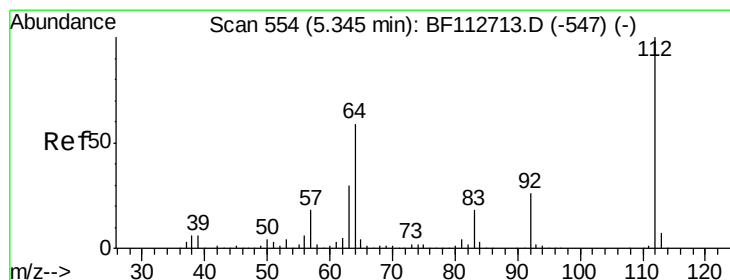
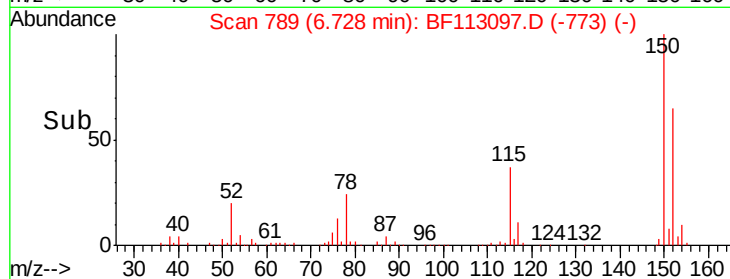
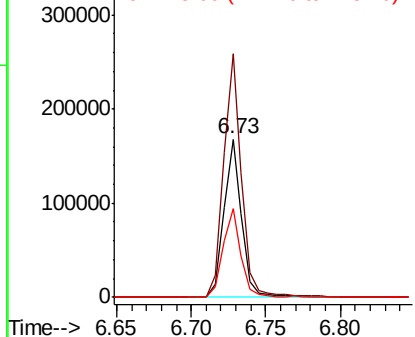
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113097.D
 Acq: 18 Mar 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:152 Resp: 141584
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.2 186.2
 115 56.3 48.2 72.4

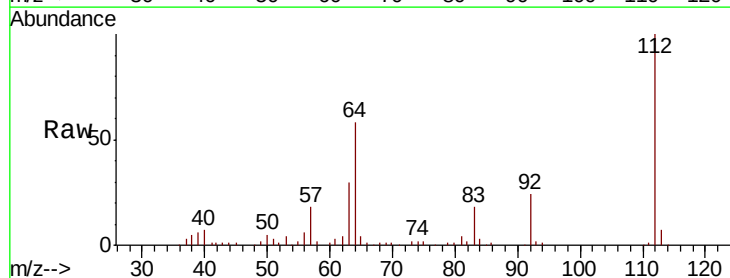


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

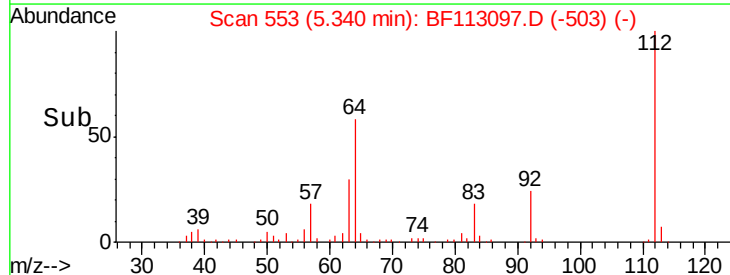
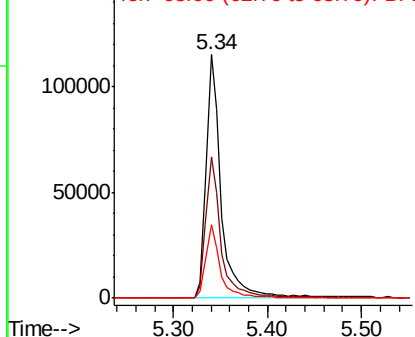


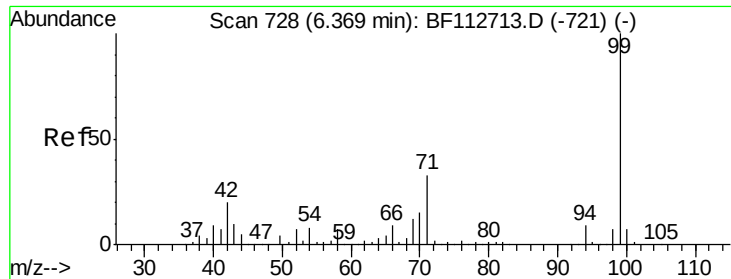
#5
 2-Fluorophenol
 Concen: 14.408 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF113097.D
 Acq: 18 Mar 2019 18:22

Tgt Ion:112 Resp: 131140
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.6 71.4
 63 30.2 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: 15.068 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113097.D

Acq: 18 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

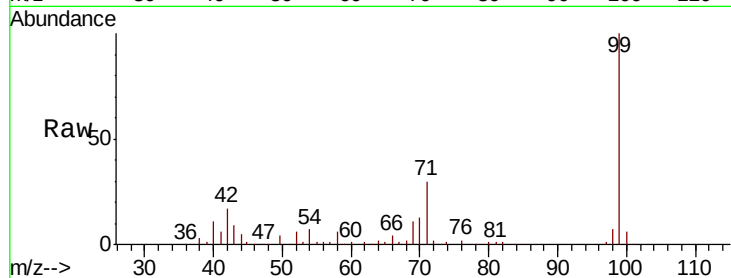
Tgt Ion: 99 Resp: 172279

Ion Ratio Lower Upper

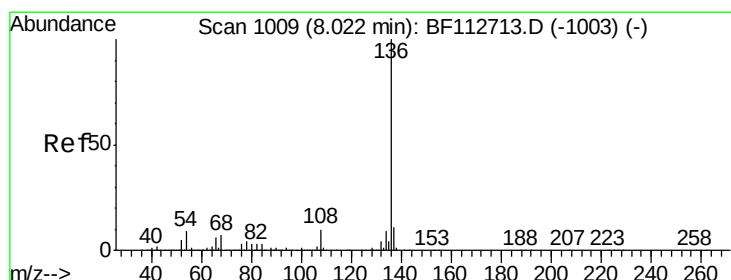
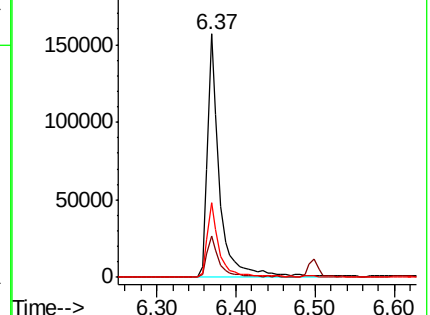
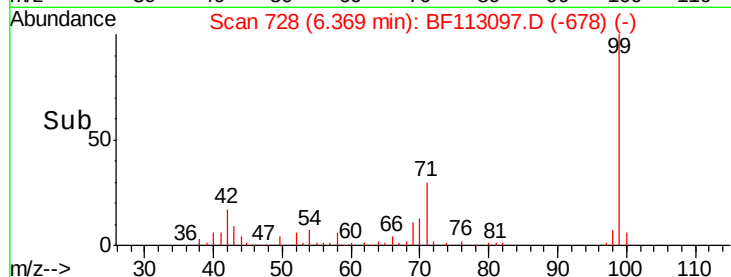
99 100

42 17.2 16.3 24.5

71 30.4 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113097.D

Acq: 18 Mar 2019 18:22

Tgt Ion: 136 Resp: 473205

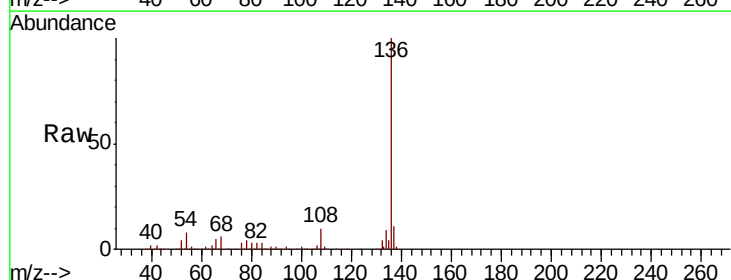
Ion Ratio Lower Upper

136 100

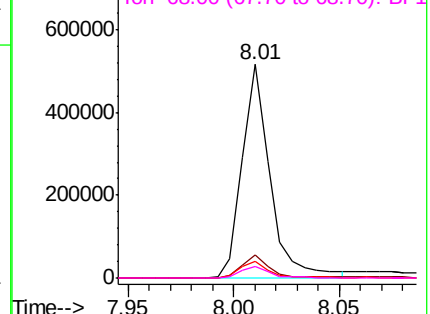
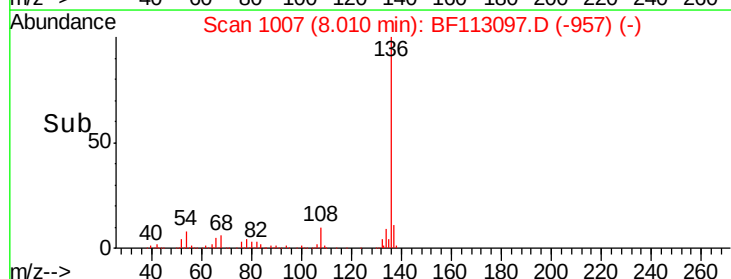
137 11.0 8.9 13.3

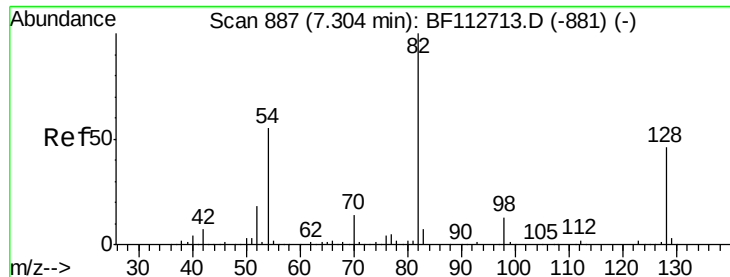
54 7.9 7.3 10.9

68 5.7 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

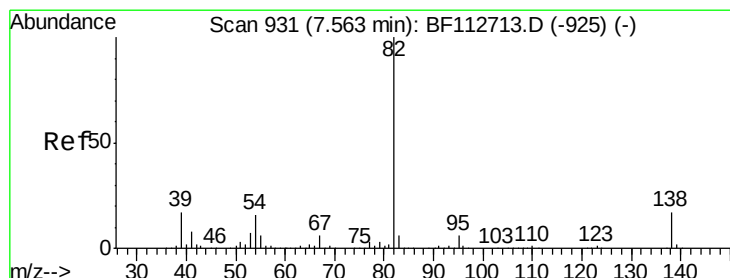
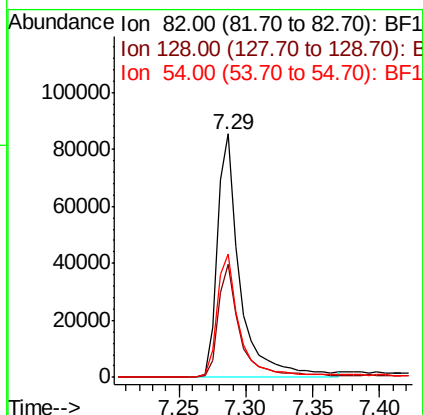
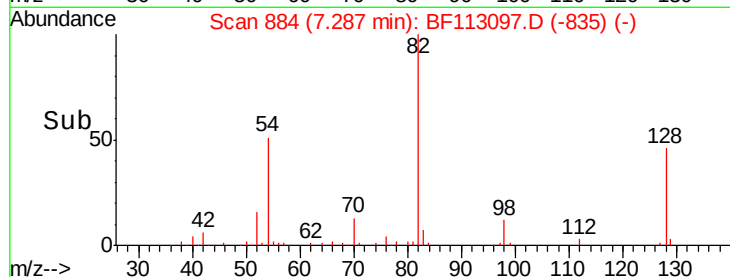
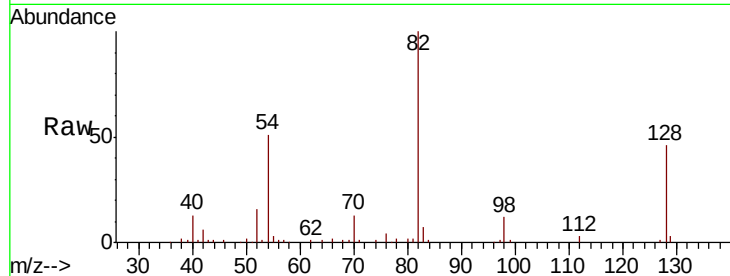




#23
Nitrobenzene-d5
Concen: 12.976 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

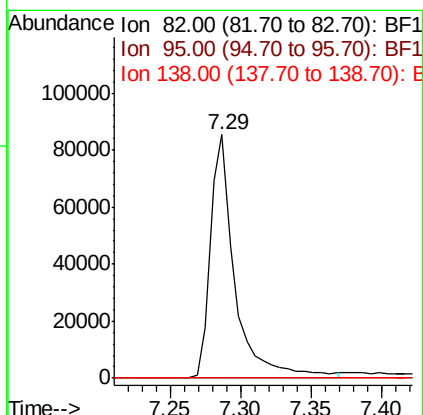
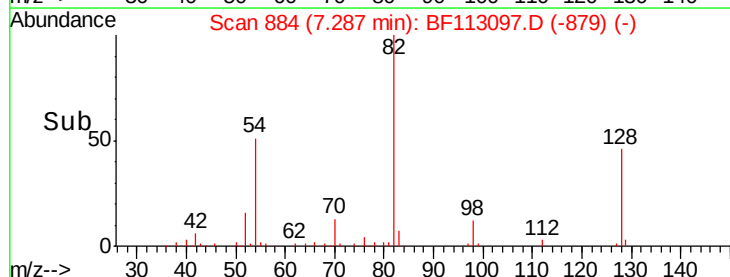
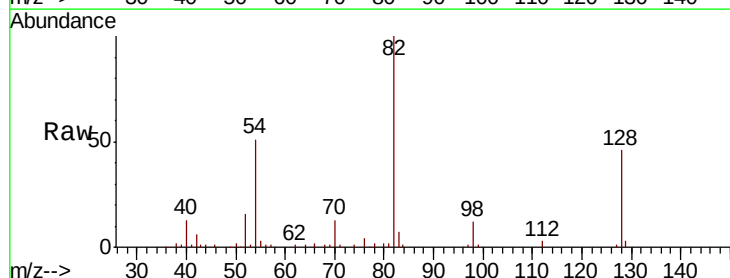
Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

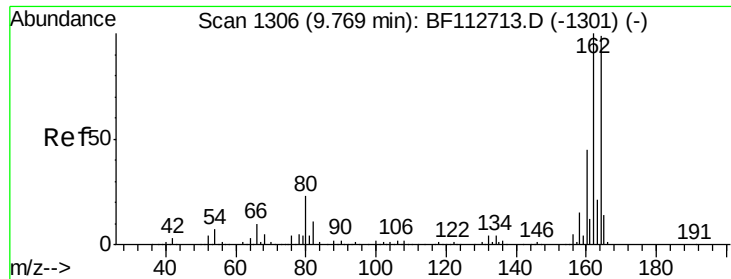
Tgt Ion: 82 Resp: 102616
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 50.7 43.7 65.5



#25
Isophorone
Concen: 6.024 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

Tgt Ion: 82 Resp: 102630
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

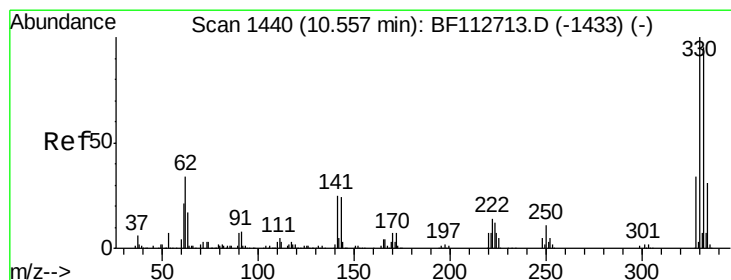
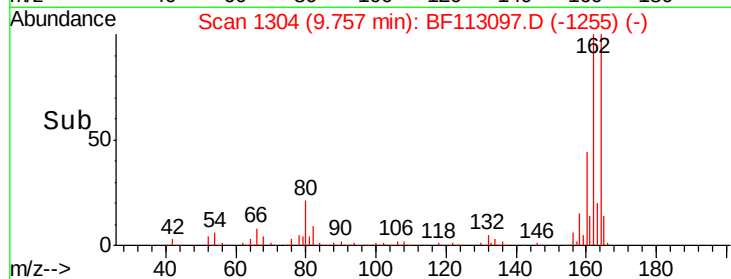
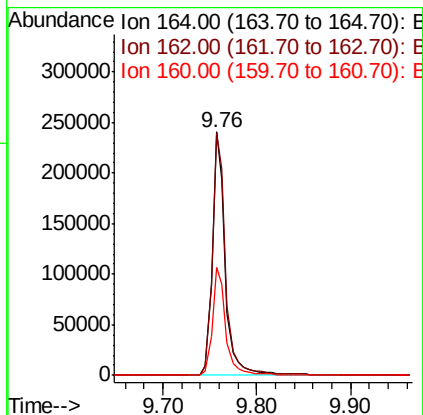
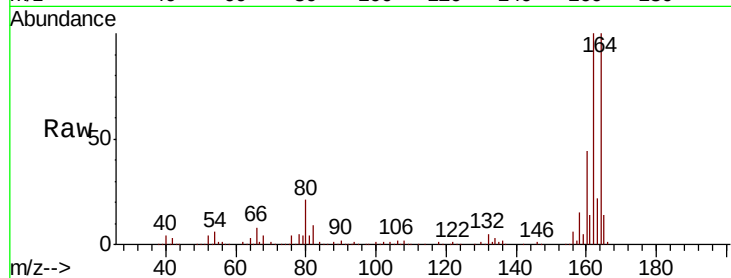




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113097.D
 Acq: 18 Mar 2019 18:22

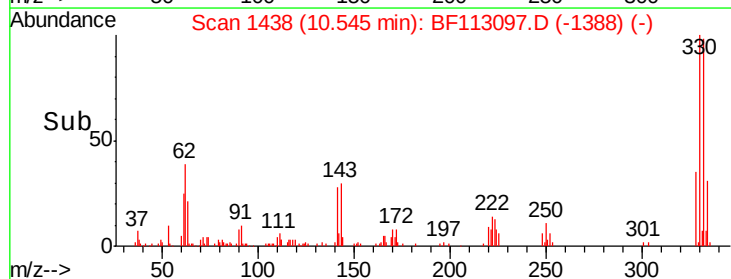
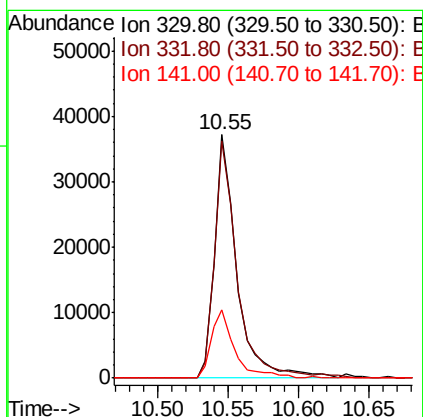
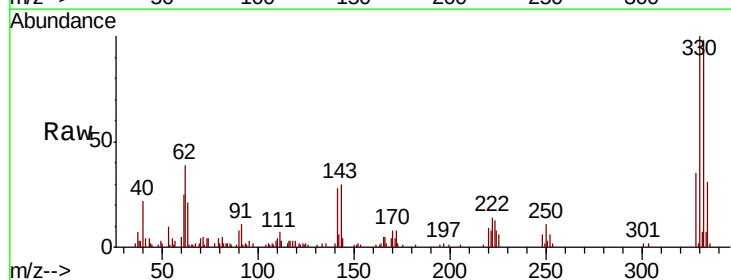
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

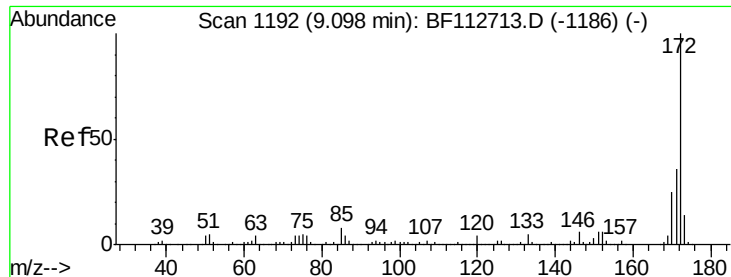
Tgt Ion:164 Resp: 236674
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.6 120.8
 160 44.3 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 16.310 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113097.D
 Acq: 18 Mar 2019 18:22

Tgt Ion:330 Resp: 40980
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.2 114.4
 141 29.4 27.0 40.6

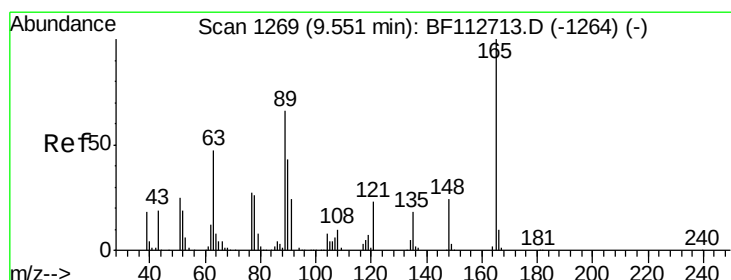
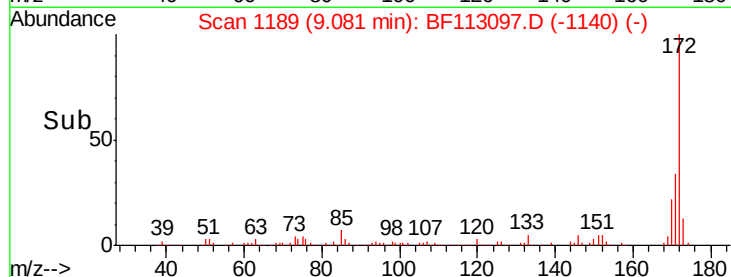
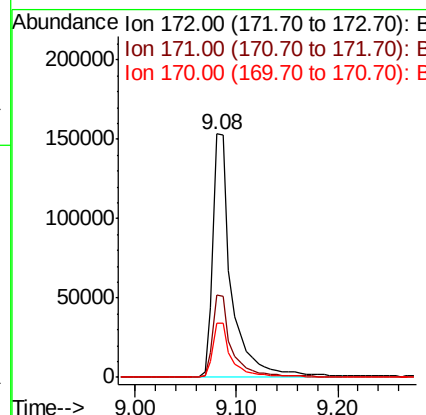
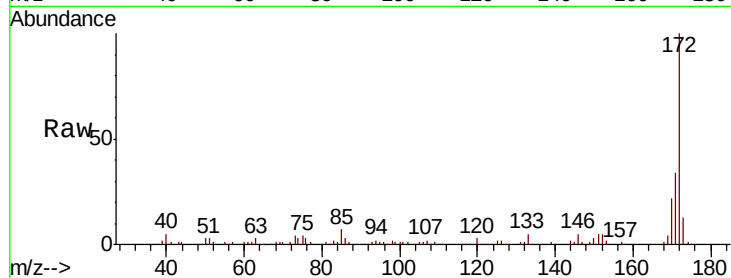




#45
 2-Fluorobiphenyl
 Concen: 10.133 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113097.D
 Acq: 18 Mar 2019 18:22

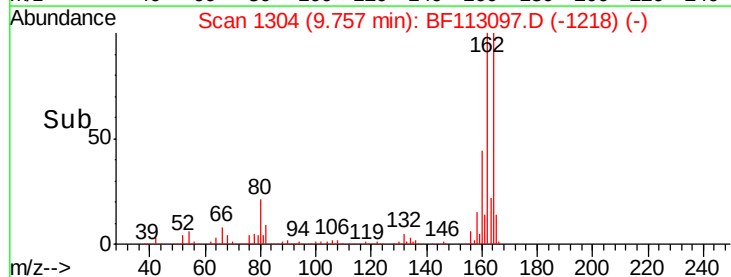
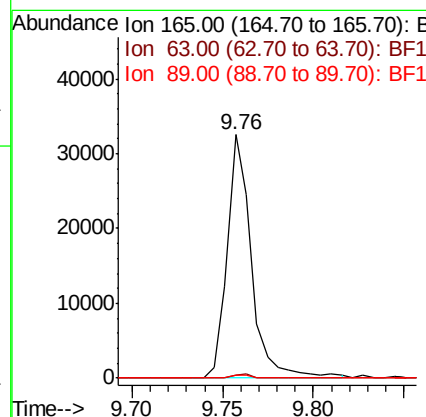
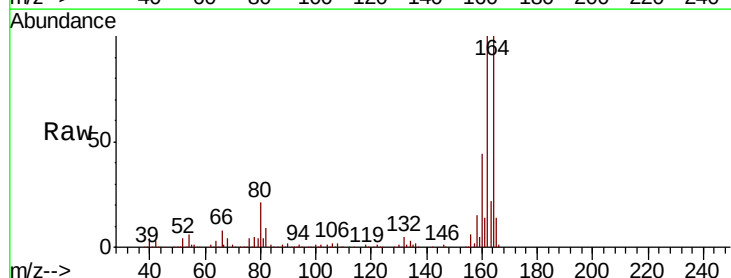
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

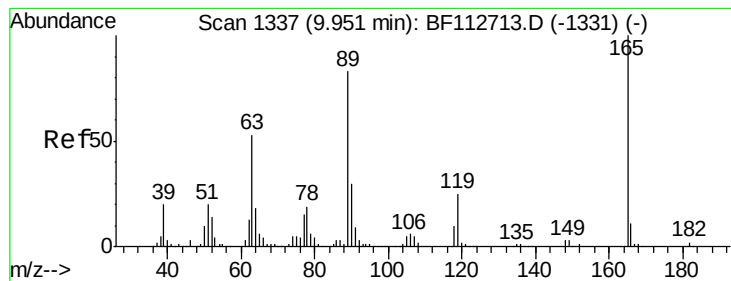
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.4
170	22.5	20.0	30.0



#51
 2,6-Dinitrotoluene
 Concen: 8.363 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF113097.D
 Acq: 18 Mar 2019 18:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.0	52.8	79.2#





#57

2,4-Dinitrotoluene

Concen: 6.757 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.20 min

Lab File: BF113097.D

Acq: 18 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

Tgt Ion:165 Resp: 30523

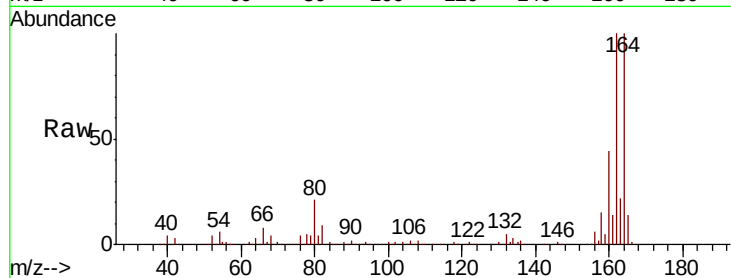
Ion Ratio Lower Upper

165 100

63 1.3 42.2 63.2#

89 1.0 66.2 99.4#

182 0.0 1.8 2.6#

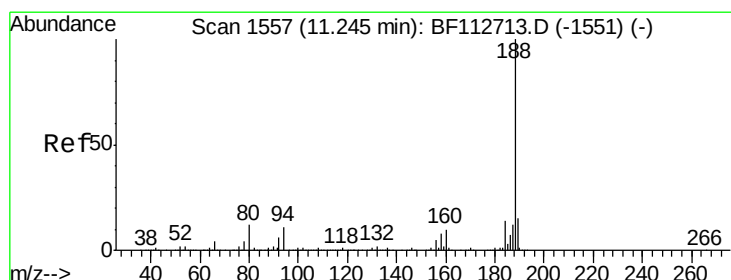
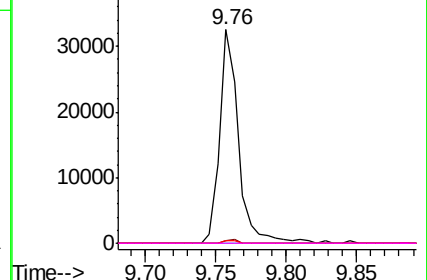
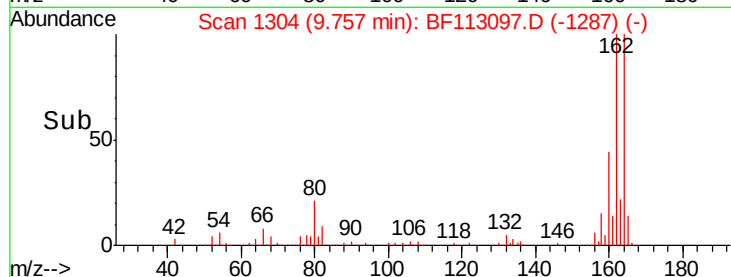


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113097.D

Acq: 18 Mar 2019 18:22

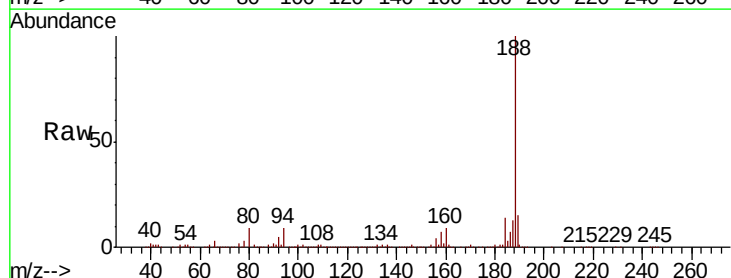
Tgt Ion:188 Resp: 445981

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

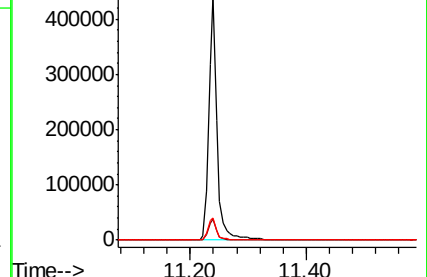
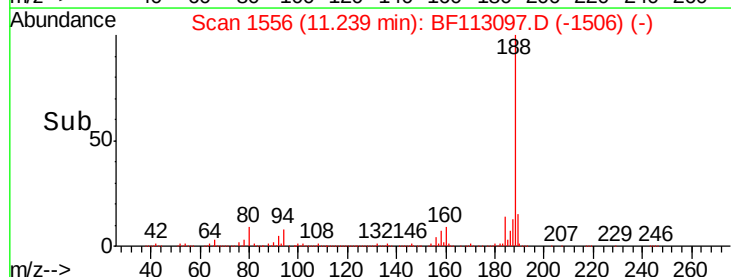
80 9.2 9.2 13.8#

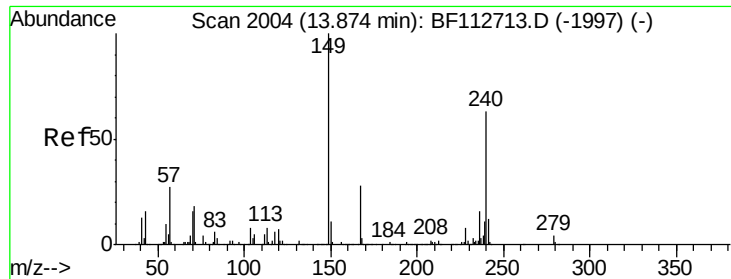


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

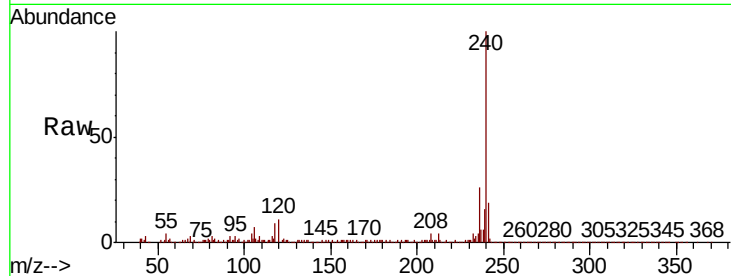




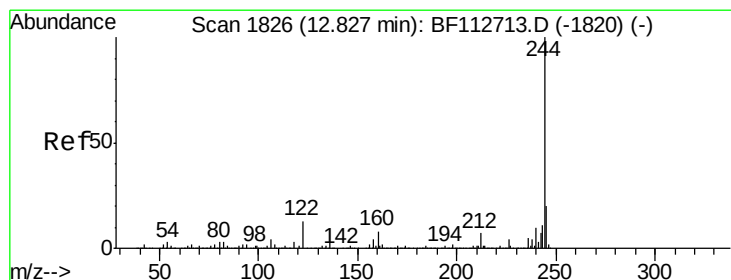
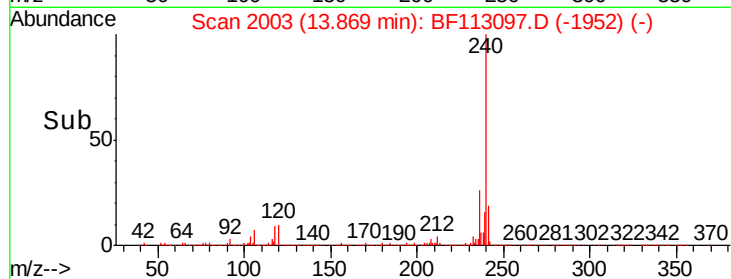
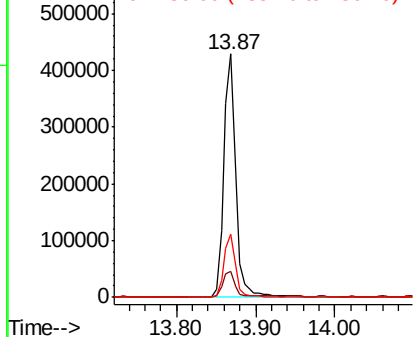
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

Tgt Ion:240 Resp: 448219
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.9 20.7 31.1

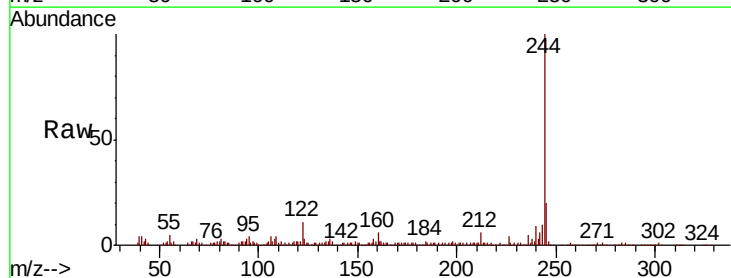


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

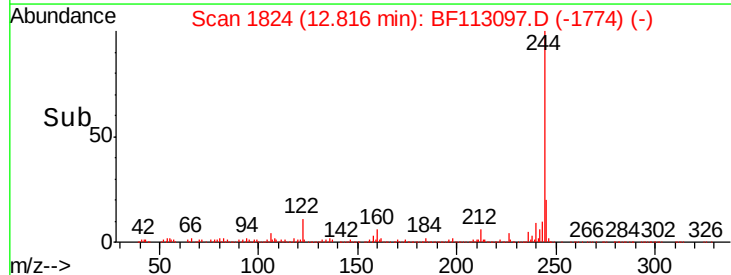
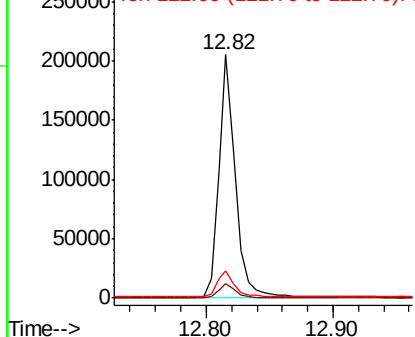


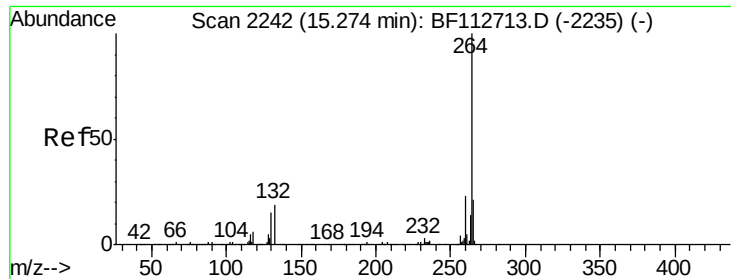
#79
Terphenyl-d14
Concen: 8.150 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

Tgt Ion:244 Resp: 188436
Ion Ratio Lower Upper
244 100
212 6.0 5.6 8.4
122 11.2 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
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.5	17.2	25.8

