

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113847.D
 Acq On : 19 Apr 2019 6:34
 Operator : JU/SJ
 Sample : K2430-05 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 07:05:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

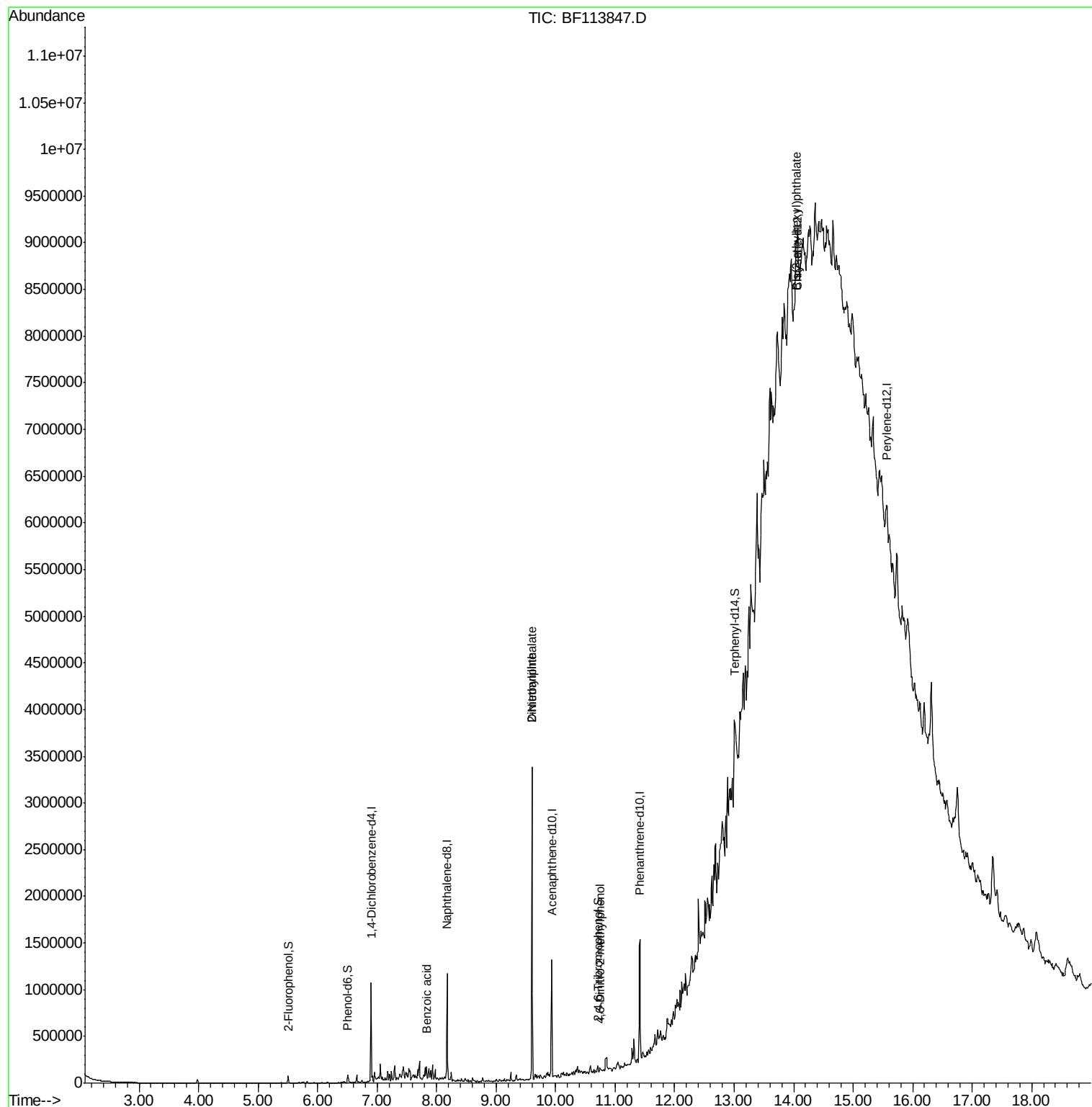
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141413	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	486716	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	240758	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	495149	20.00	ng	0.00
76) Chrysene-d12	14.06	240	261913	20.00	ng	0.02
87) Perylene-d12	15.57	264	265690	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	18640	2.19	ng	0.00
7) Phenol-d6	6.50	99	23158	2.18	ng	-0.01
23) Nitrobenzene-d5	7.45	82	13531	1.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	5929	2.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	27165	1.72	ng	0.00
79) Terphenyl-d14	13.00	244	38858	3.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	479	Below Cal	Qvalue	# 1
32) Benzoic acid	7.85	122	811	6.084 ng	#	36
48) 2-Nitroaniline	9.60	65	21747	5.604 ng	#	27
50) Dimethylphthalate	9.60	163	133876	7.946 ng	#	95
65) 4,6-Dinitro-2-methylphenol	10.75	198	124	6.979 ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.05	149	24566	3.003 ng	#	59

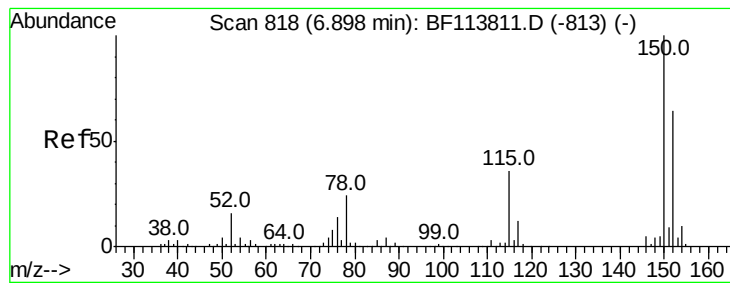
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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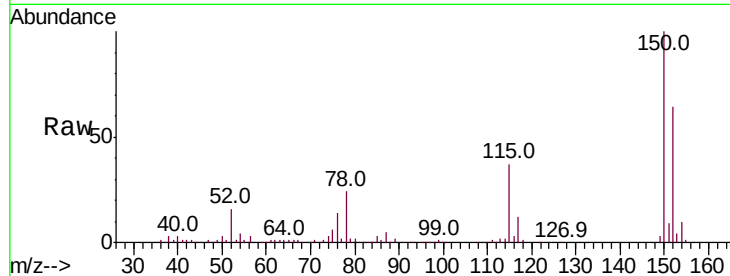


#1

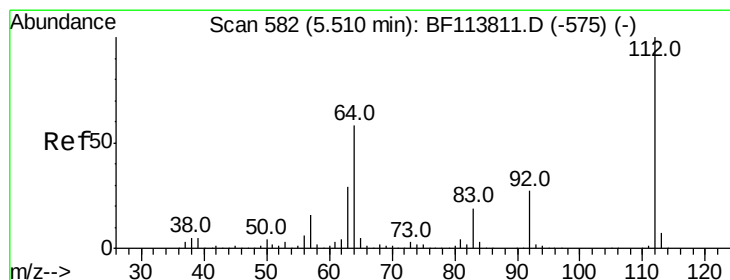
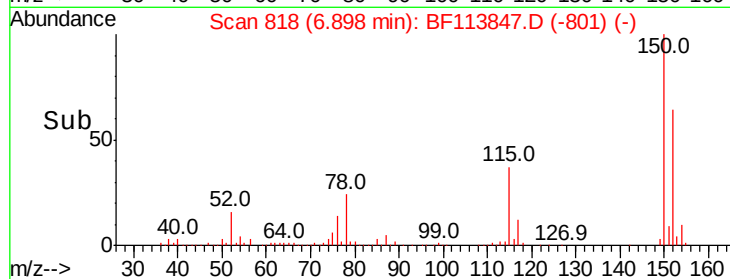
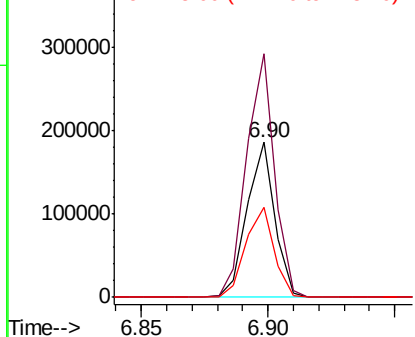
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141413
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 57.9 45.9 68.9



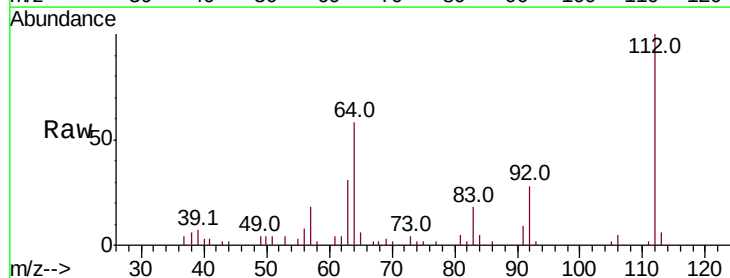
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



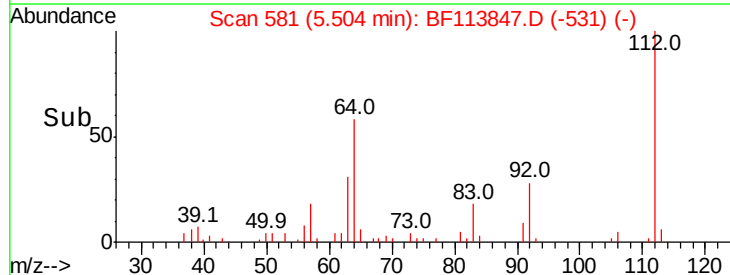
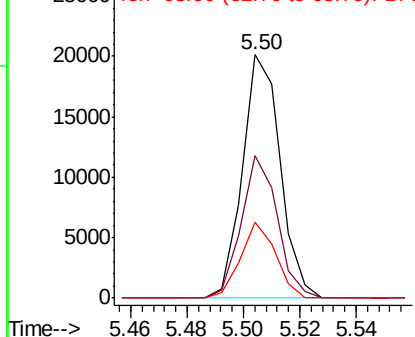
#5

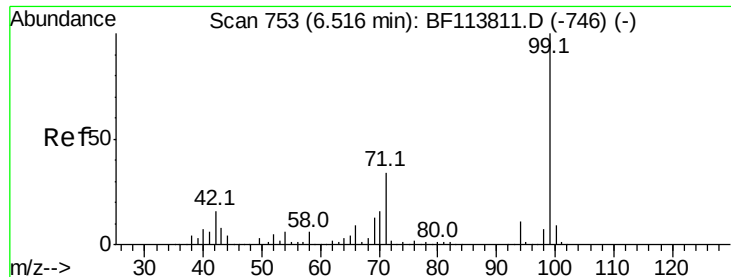
2-Fluorophenol
Concen: 2.192 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

Tgt Ion:112 Resp: 18640
Ion Ratio Lower Upper
112 100
64 58.3 46.6 69.8
63 31.3 23.1 34.7



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: 2.183 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

Instrument :

BNA_F

ClientSampleId :

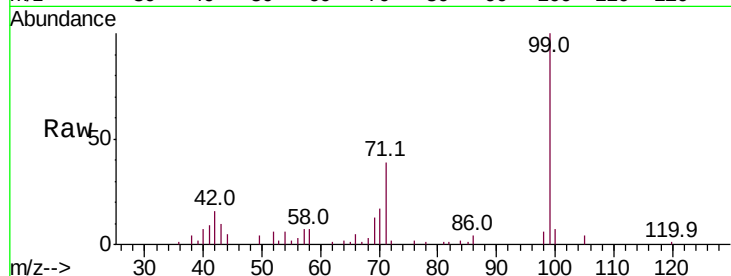
Tot Ion: 99 Resp: 23158

Ion Ratio Lower Upper

99 100

42 16.3 12.5 18.7

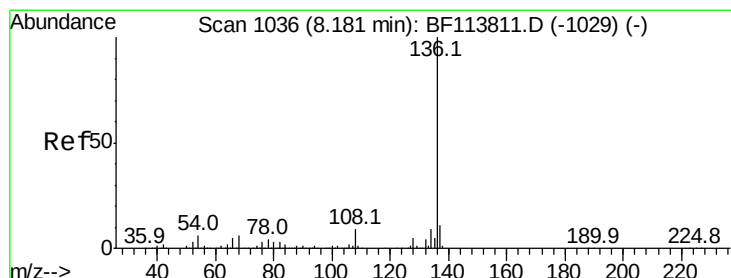
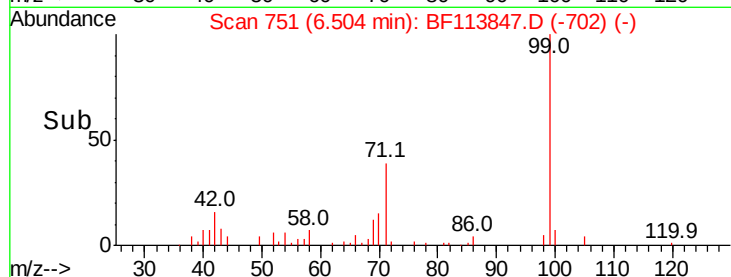
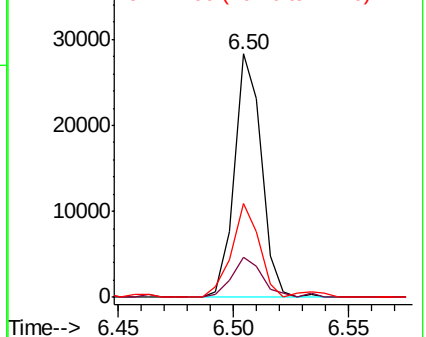
71 38.6 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

Tgt Ion: 136 Resp: 486716

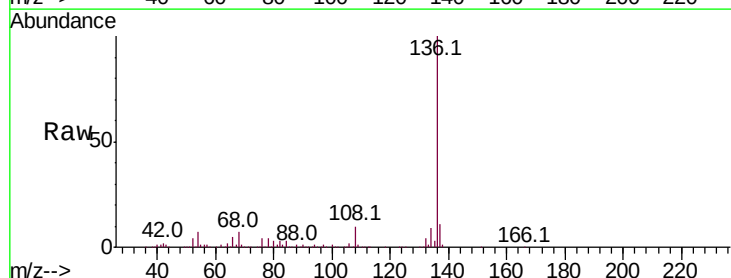
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 7.3 5.0 7.6

68 6.8 4.9 7.3

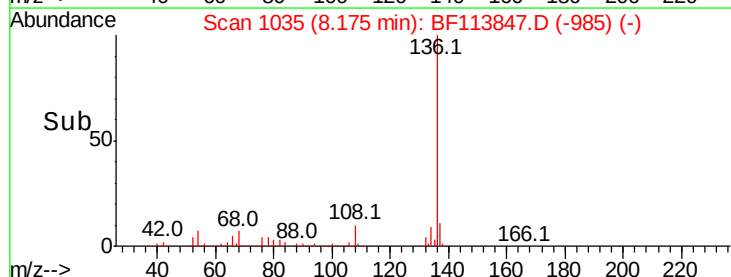
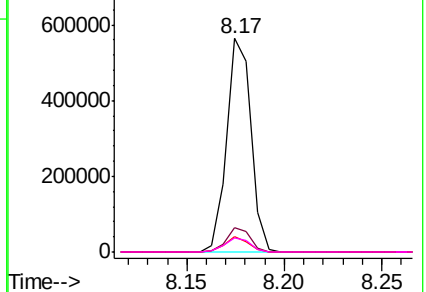


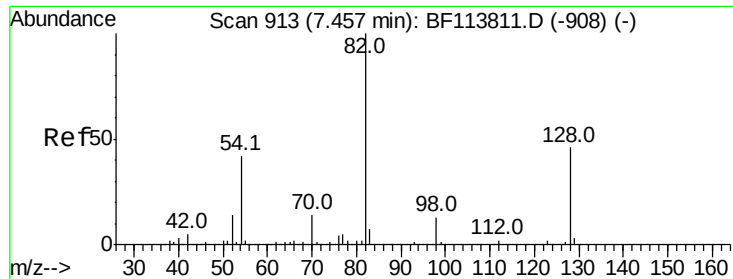
Abundance Ion 136.00 (135.70 to 136.70): E

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

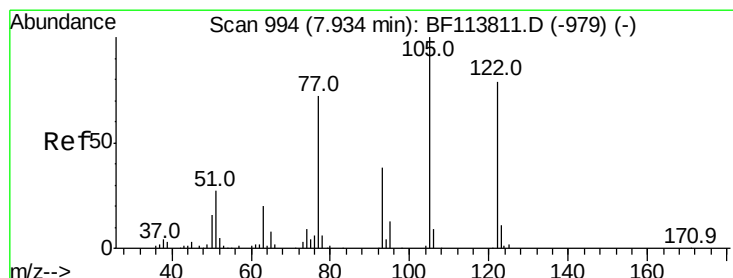
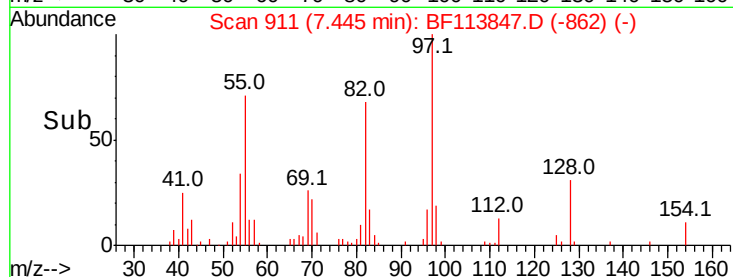
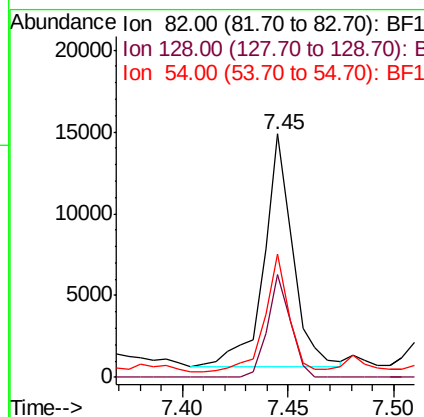
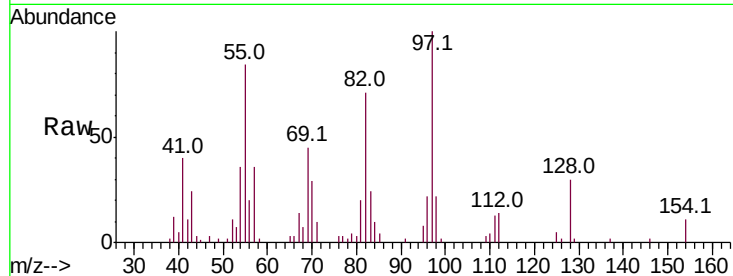




#23
 Nitrobenzene-d5
 Concen: 1.693 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113847.D
 Acq: 19 Apr 2019 6:34

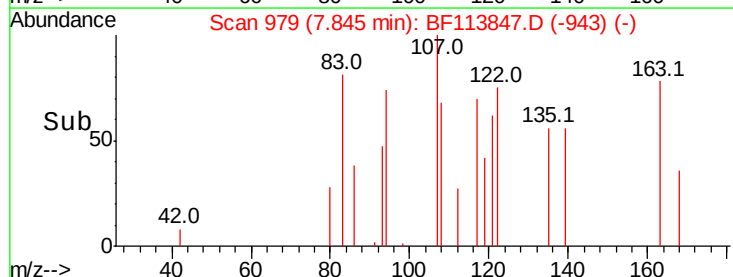
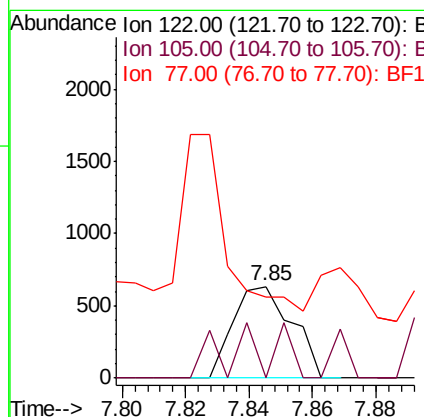
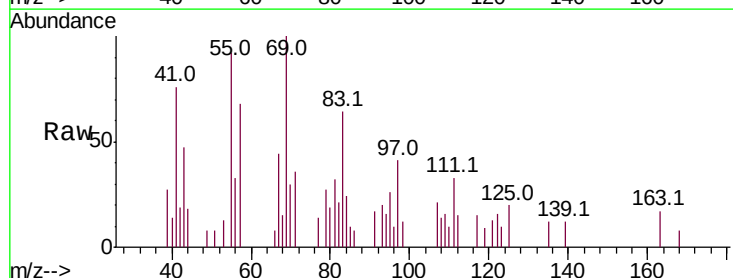
Instrument :
 BNA_F
 ClientSampled :

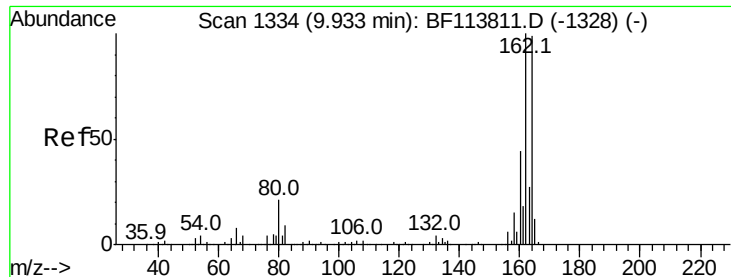
Tot Ion	82	128	54
Ion	100	42.4	50.4
Ratio	100	42.4	50.4
Lower		36.8	33.8
Upper		55.2	50.6



#32
 Benzoic acid
 Concen: 6.084 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.09 min
 Lab File: BF113847.D
 Acq: 19 Apr 2019 6:34

Tgt Ion	122	105	77
Ion	100	0.0	88.7
Ratio	100	0.0	88.7
Lower		104.3	70.4
Upper		144.3#	110.4

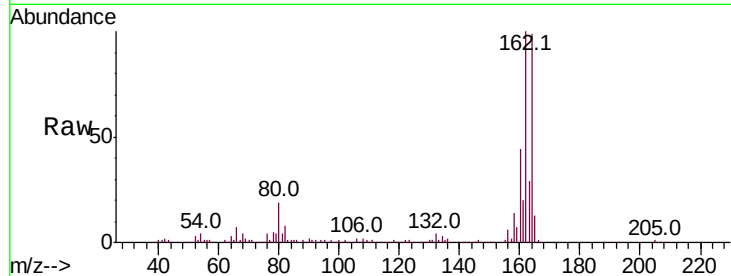




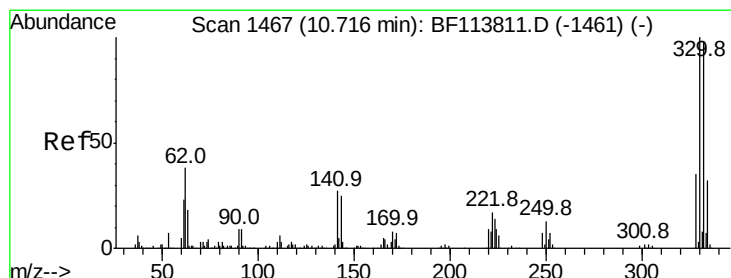
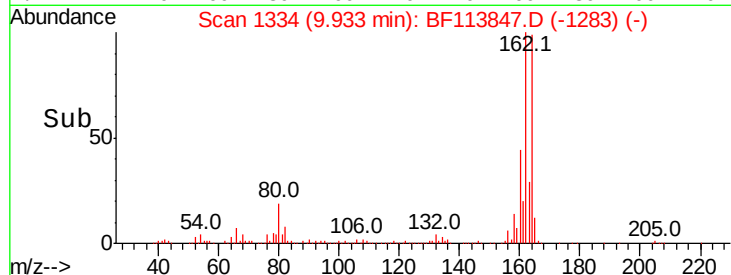
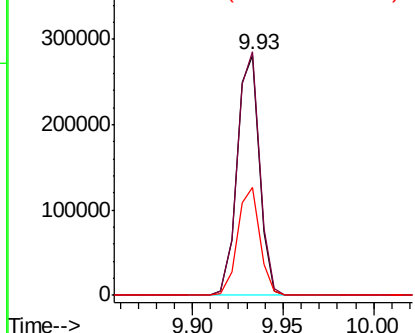
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 240758
Ion Ratio Lower Upper
164 100
162 101.4 81.1 121.7
160 44.7 35.8 53.6

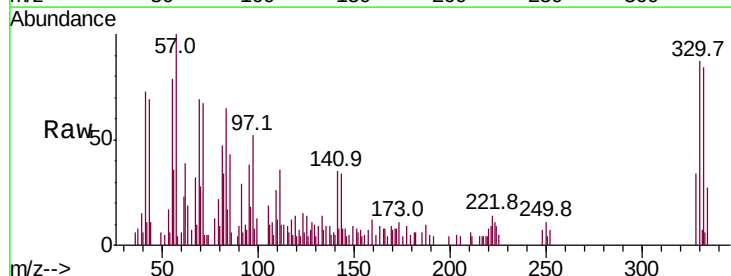


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

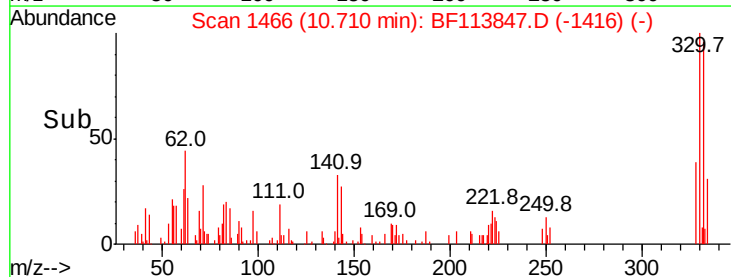
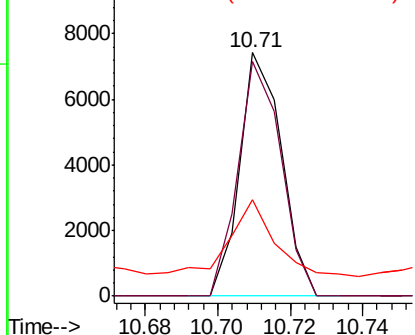


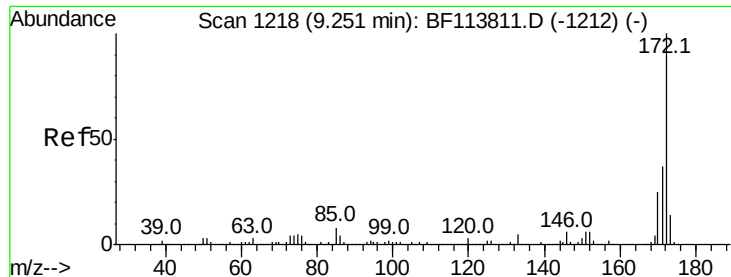
#42
2,4,6-Tribromophenol
Concen: 2.229 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

Tgt Ion:330 Resp: 5929
Ion Ratio Lower Upper
330 100
332 99.3 77.5 116.3
141 34.1 22.2 33.2#



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

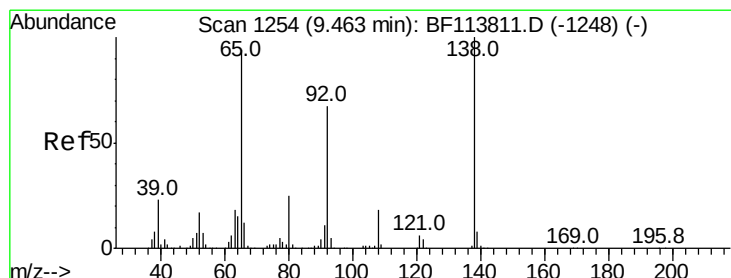
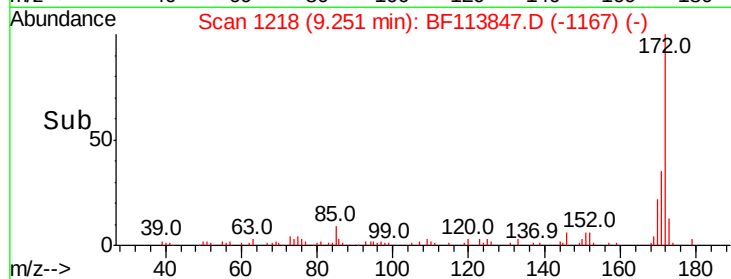
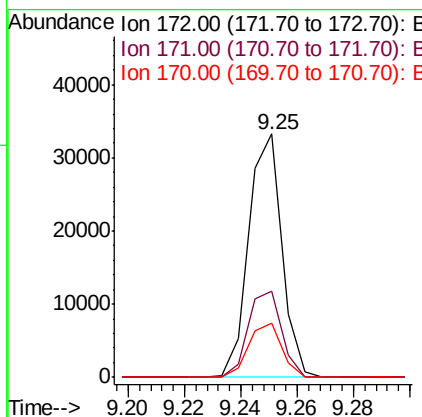
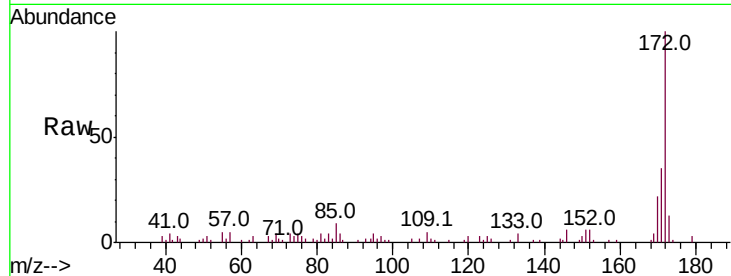




#45
2-Fluorobiphenyl
Concen: 1.721 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

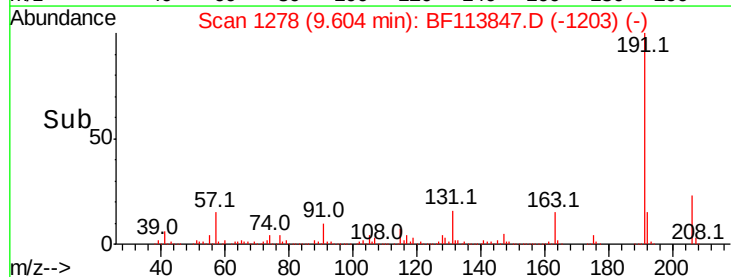
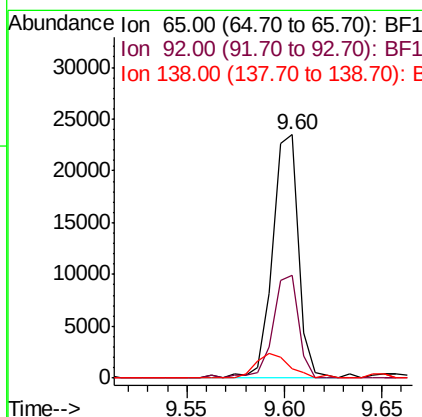
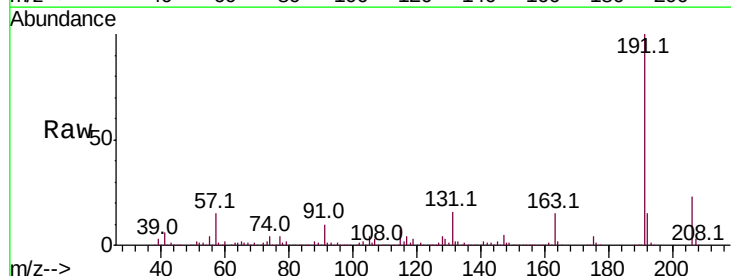
Instrument :
BNA_F
ClientSampleId :

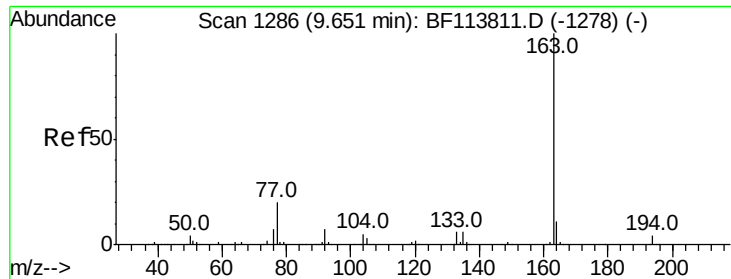
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	22.4	19.9	29.9



#48
2-Nitroaniline
Concen: 5.604 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.14 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	42.4	57.4	86.0#
138	4.0	85.4	128.0#





#50

Dimethylphthalate

Concen: 7.946 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

Instrument :

BNA_F

ClientSampleId :

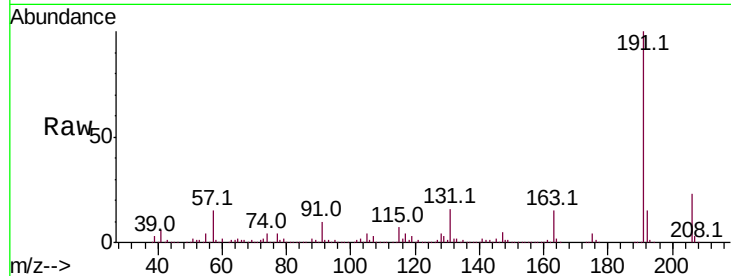
Tot Ion:163 Resp: 133876

Ion Ratio Lower Upper

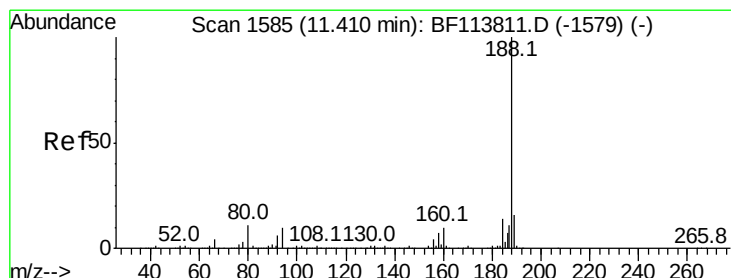
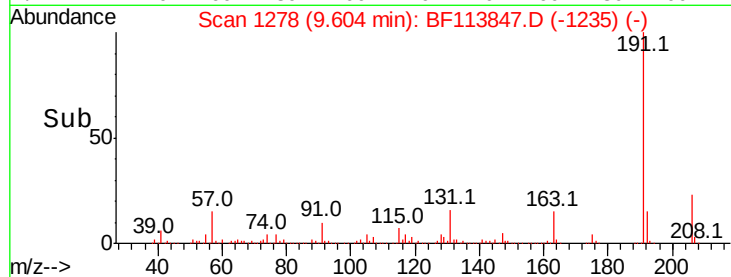
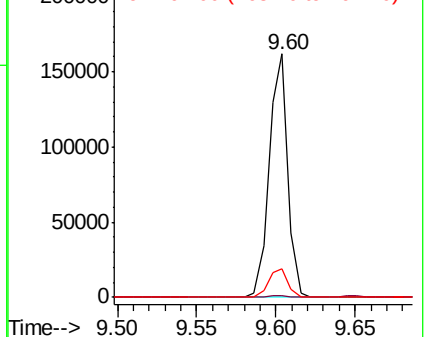
163 100

194 0.7 3.4 5.2#

164 11.7 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

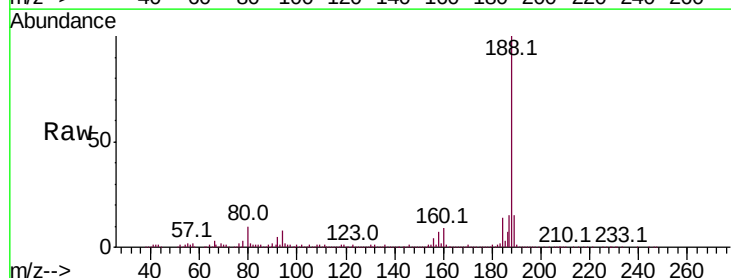
Tgt Ion:188 Resp: 495149

Ion Ratio Lower Upper

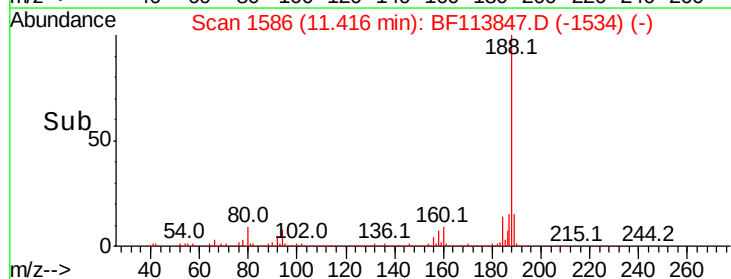
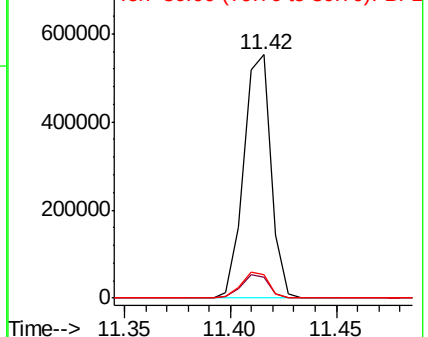
188 100

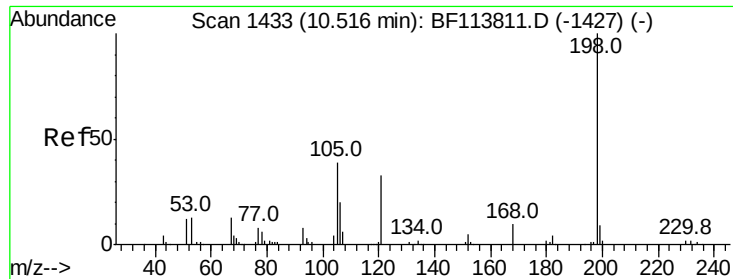
94 8.5 8.2 12.4

80 9.5 9.0 13.6



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

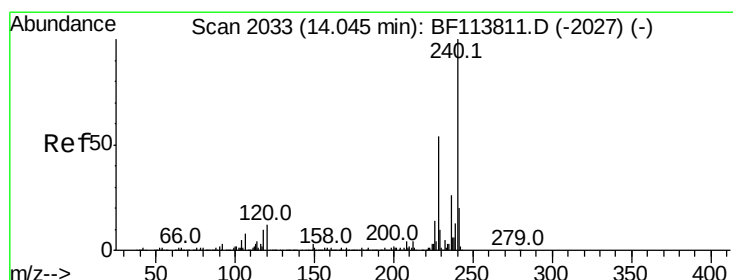
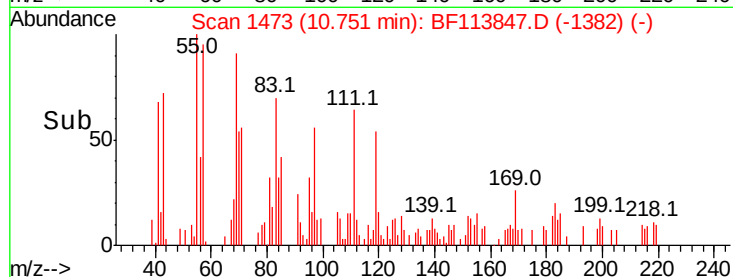
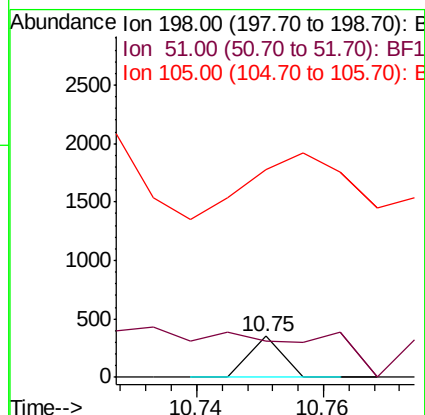
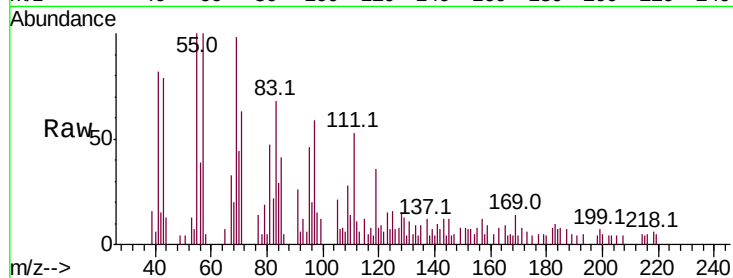




#65
4,6-Dinitro-2-methylphenol
Concen: 6.979 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.24 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

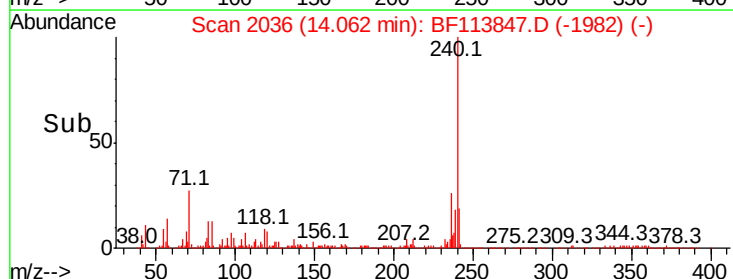
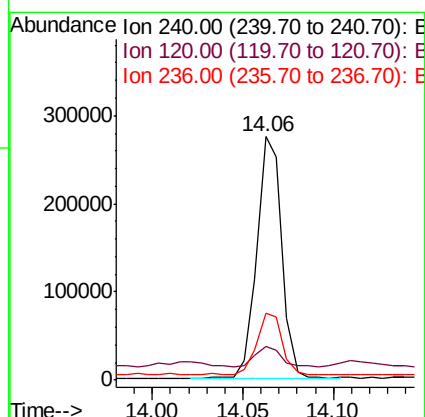
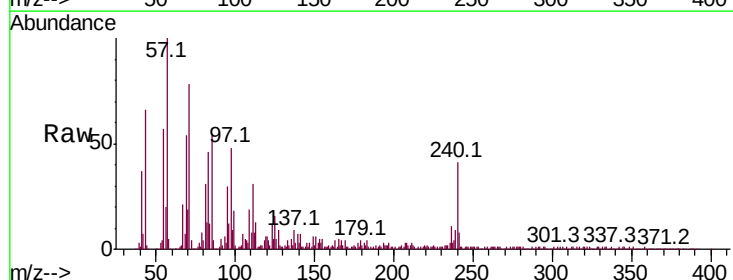
Instrument :
BNA_F
ClientSampleId :

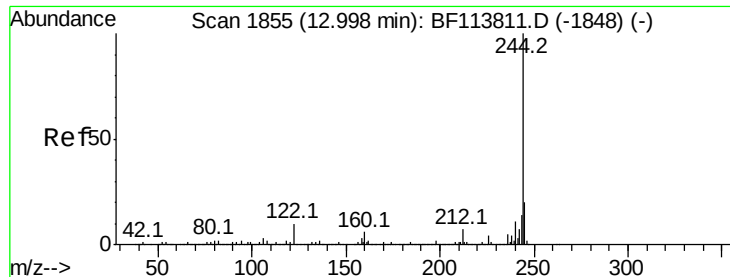
Tot Ion:198 Resp: 124
Ion Ratio Lower Upper
198 100
51 89.1 11.1 51.1#
105 507.7 20.7 60.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

Tgt Ion:240 Resp: 261913
Ion Ratio Lower Upper
240 100
120 14.0 9.3 13.9#
236 27.6 21.2 31.8





#79

Terphenyl-d14

Concen: 3.111 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

Instrument :

BNA_F

ClientSampleId :

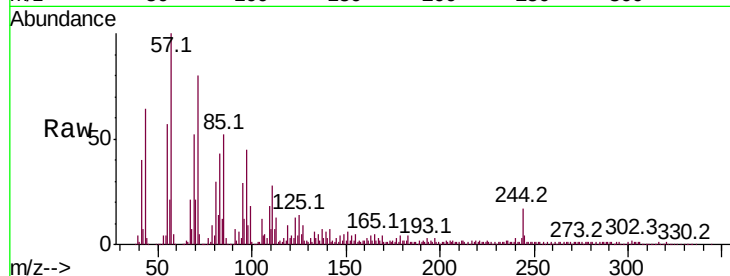
Tot Ion:244 Resp: 38858

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.2#

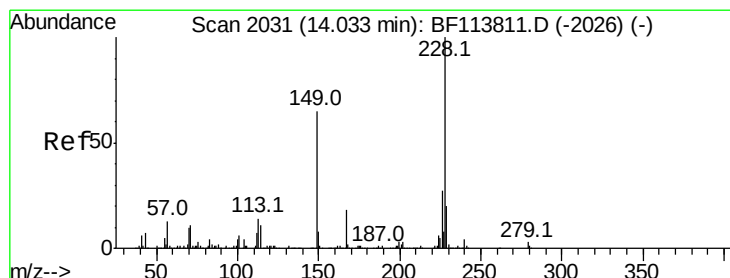
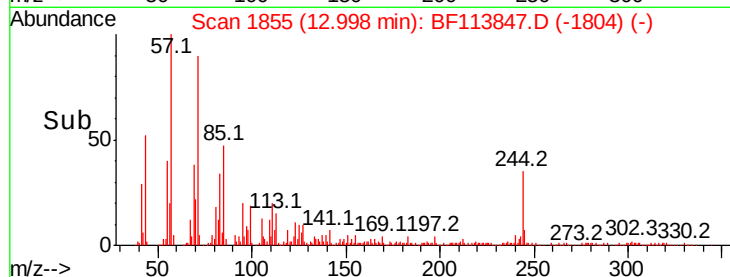
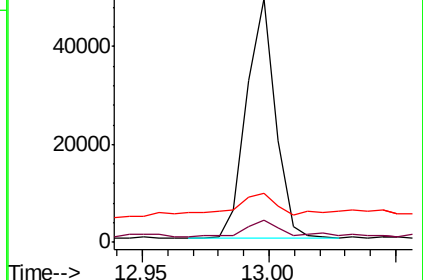
122 20.1 7.6 11.4#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.003 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.02 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

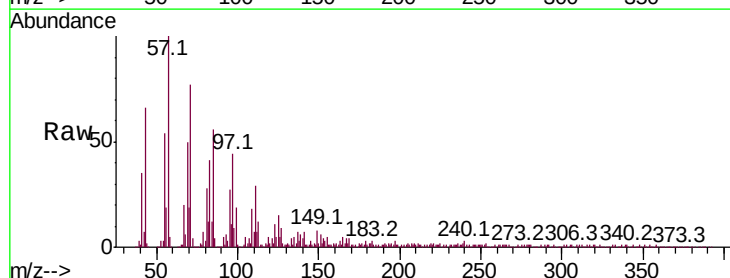
Tgt Ion:149 Resp: 24566

Ion Ratio Lower Upper

149 100

167 53.2 22.9 34.3#

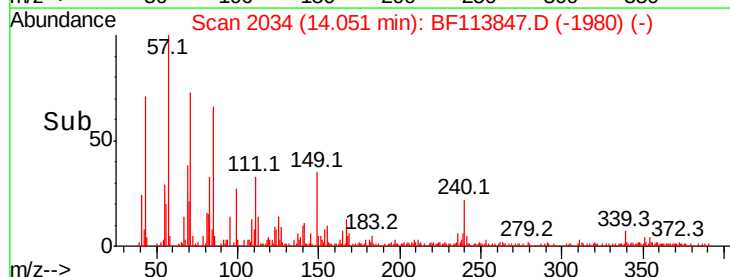
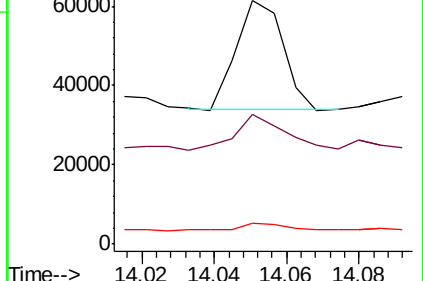
279 8.4 4.2 6.2#

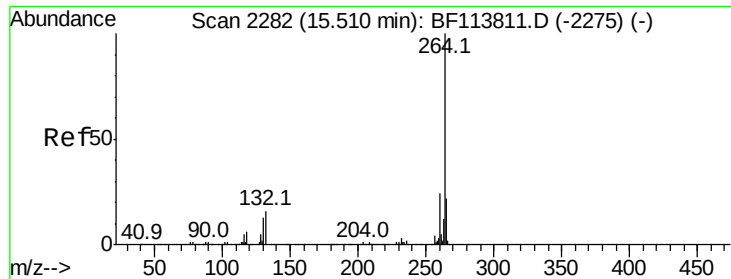


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.06 min
 Lab File: BF113847.D
 Acq: 19 Apr 2019 6:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	23.3	17.3	25.9

