

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113268.D
 Acq On : 24 Mar 2019 15:20
 Operator : JU/SJ
 Sample : K2071-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Quant Time: Mar 25 04:51:19 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

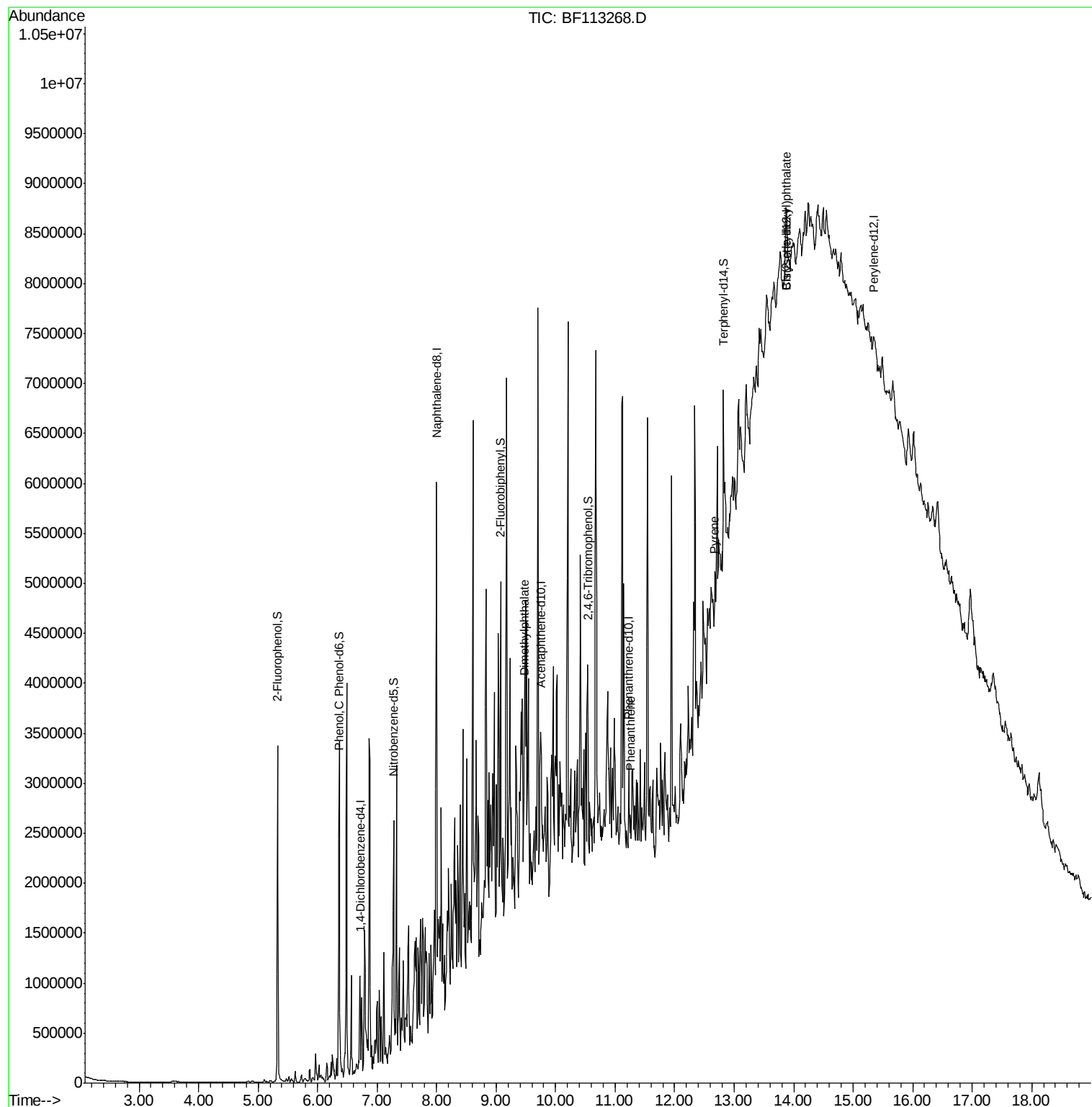
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136851	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	368104	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	183165	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	374925	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	148122	20.00	ng	0.02
87) Perylene-d12	15.34	264	149815	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1034765	117.62	ng	-0.02
7) Phenol-d6	6.36	99	1383854	125.22	ng	-0.01
23) Nitrobenzene-d5	7.28	82	820219	133.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	336298	172.95	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1276221	136.94	ng	-0.01
79) Terphenyl-d14	12.82	244	1131976	148.14	ng	0.00
Target Compounds						
10) Phenol	6.37	94	78850	6.114	ng	92
50) Dimethylphthalate	9.47	163	76097	5.634	ng	# 85
71) Phenanthrene	11.26	178	55204	2.959	ng	# 82
78) Pyrene	12.67	202	44884	3.594	ng	# 79
84) Bis(2-ethylhexyl)phthalate	13.87	149	299478	46.322	ng	# 95

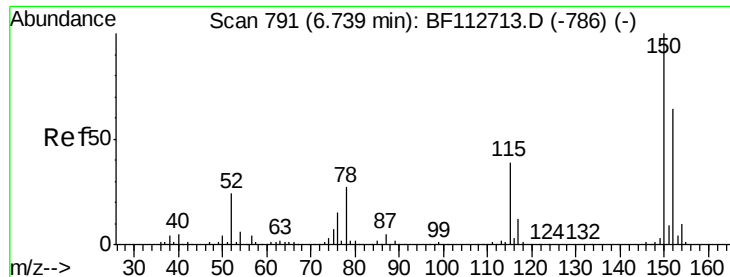
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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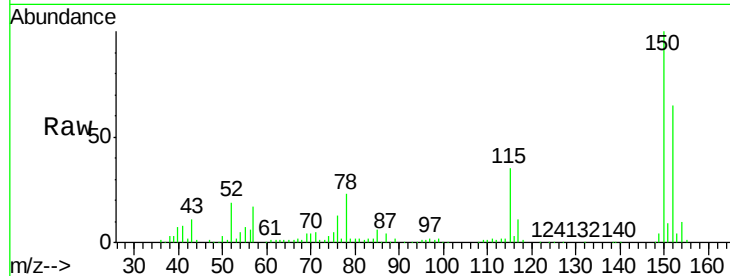


#1

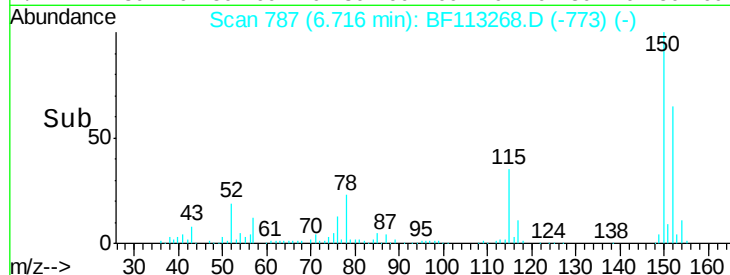
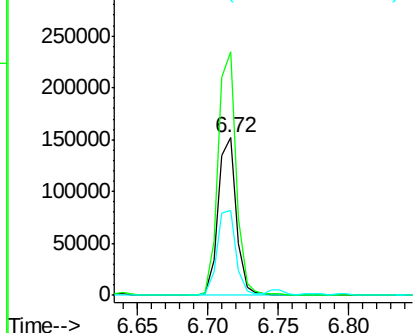
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tot Ion:152 Resp: 136851
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 54.2 48.2 72.4



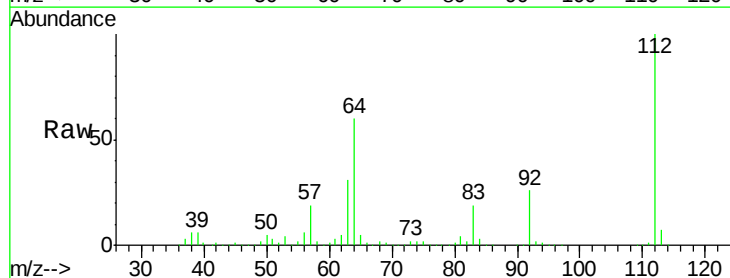
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



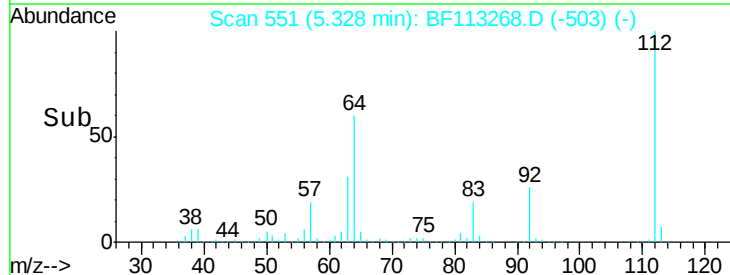
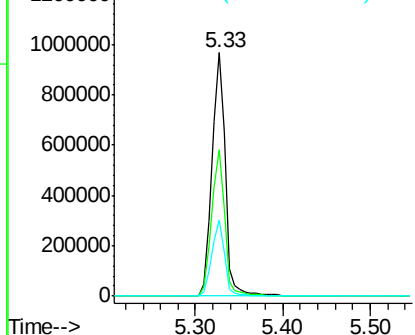
#5

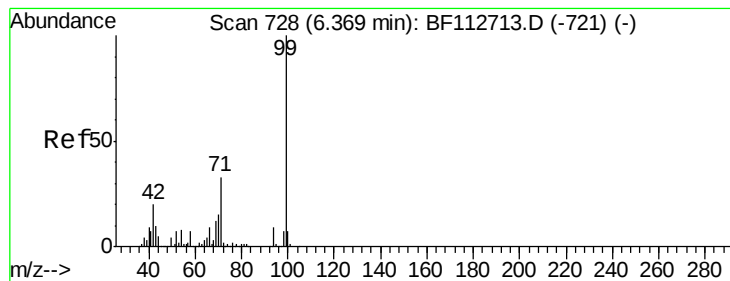
2-Fluorophenol
Concen: 117.619 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

Tgt Ion:112 Resp: 1034765
Ion Ratio Lower Upper
112 100
64 60.4 47.6 71.4
63 31.2 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: 125.221 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113268.D

Acq: 24 Mar 2019 15:20

Instrument :

BNA_F

ClientSampleId :

DRUM-1

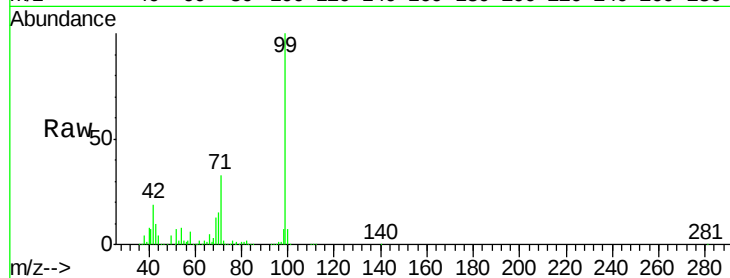
Tot Ion: 99 Resp: 1383854

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

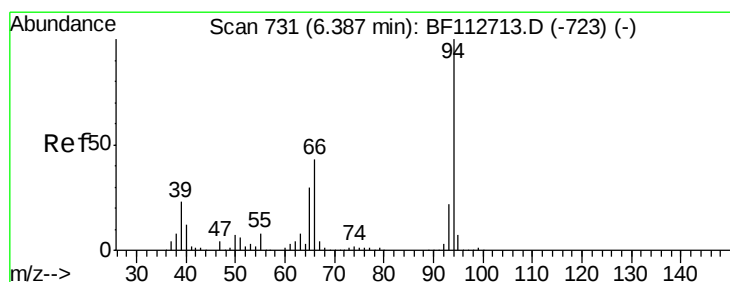
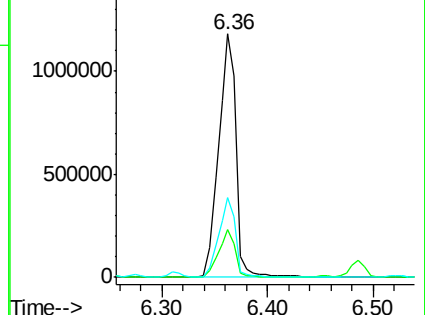
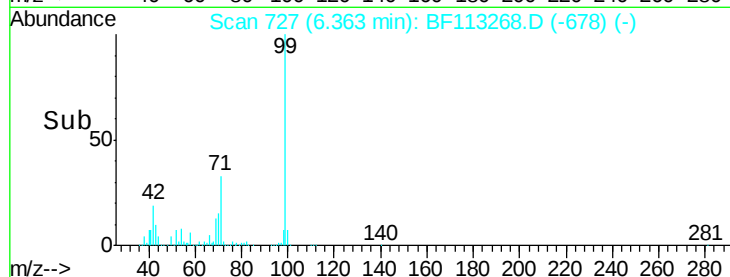
71 32.6 26.2 39.4



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



#10

Phenol

Concen: 6.114 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113268.D

Acq: 24 Mar 2019 15:20

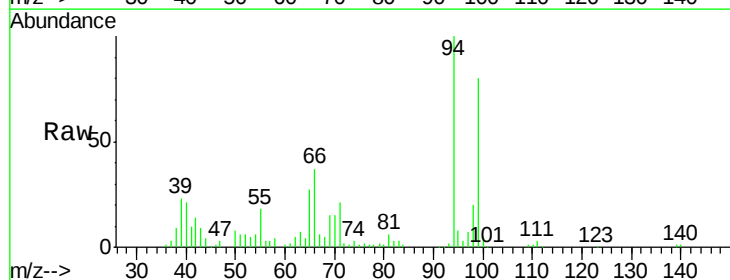
Tgt Ion: 94 Resp: 78850

Ion Ratio Lower Upper

94 100

65 27.1 10.5 50.5

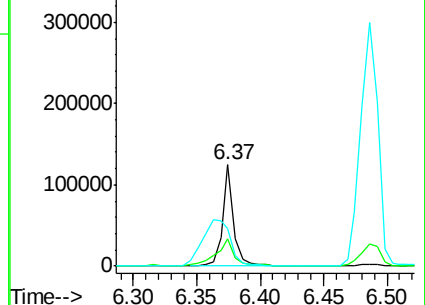
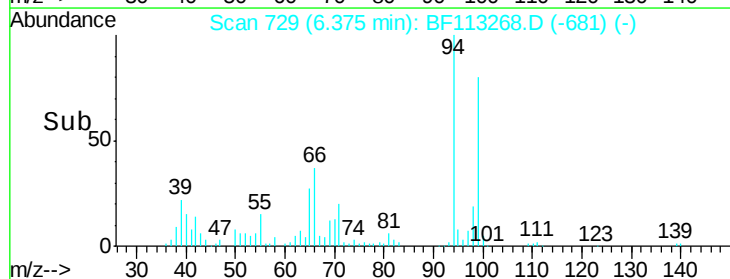
66 37.0 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

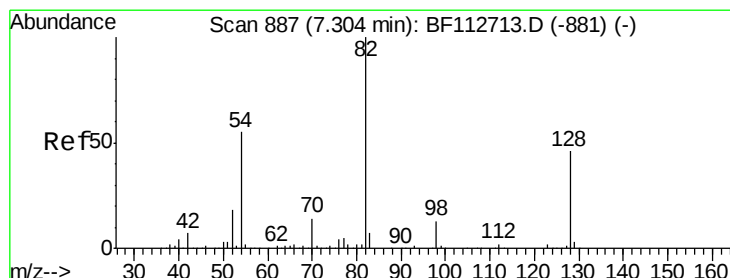
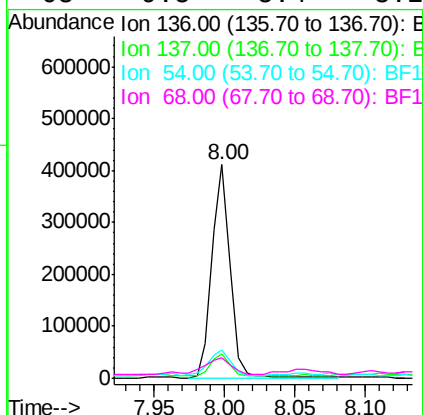
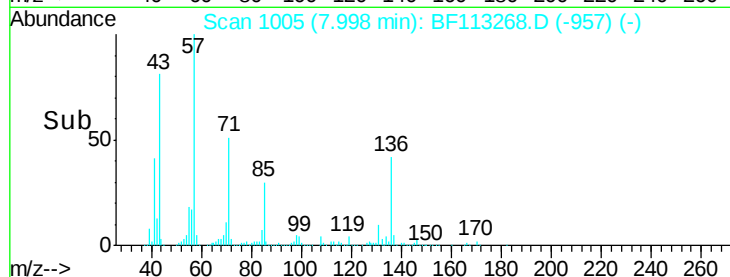
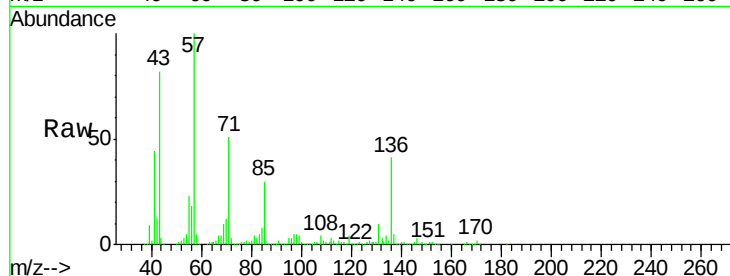




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

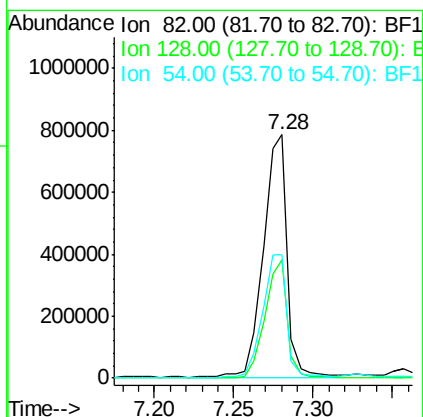
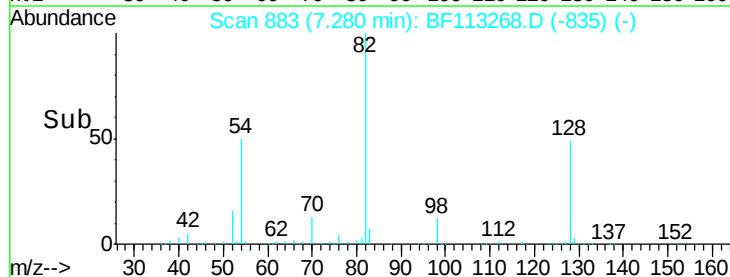
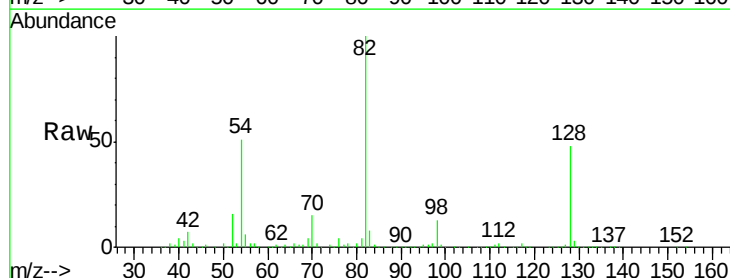
Instrument :
BNA_F
ClientSampleId :
DRUM-1

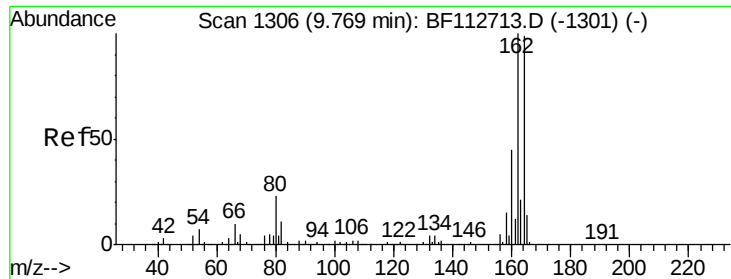
Tot Ion:136	Resp:	368104
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	13.4	7.3 10.9#
68	9.5	5.4 8.2#



#23
Nitrobenzene-d5
Concen: 133.332 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

Tgt Ion: 82	Resp:	820219
Ion Ratio	Lower	Upper
82	100	
128	48.5	36.3 54.5
54	50.5	43.7 65.5

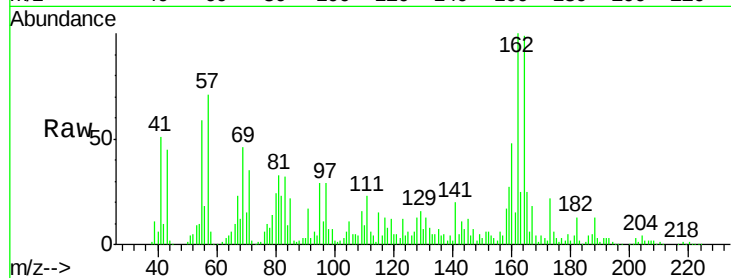




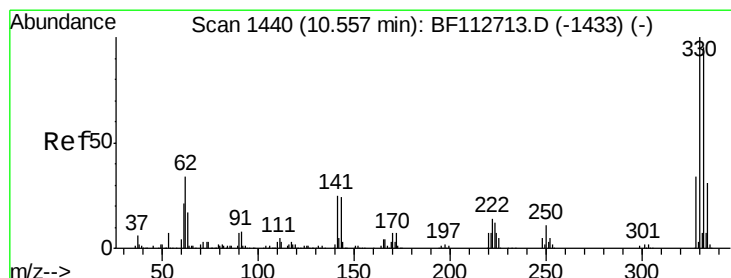
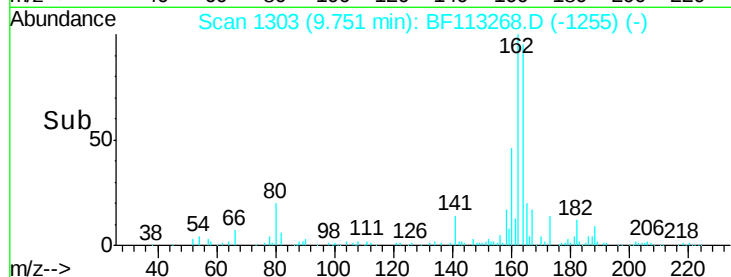
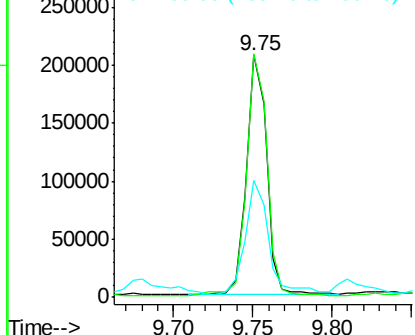
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

Instrument :
BNA_F
ClientSampled :
DRUM-1

Tot Ion:164 Resp: 183165
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 48.4 36.0 54.0

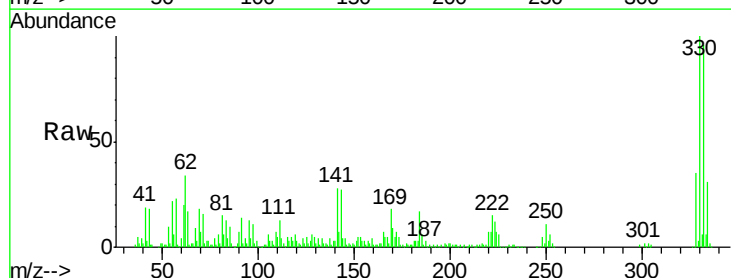


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

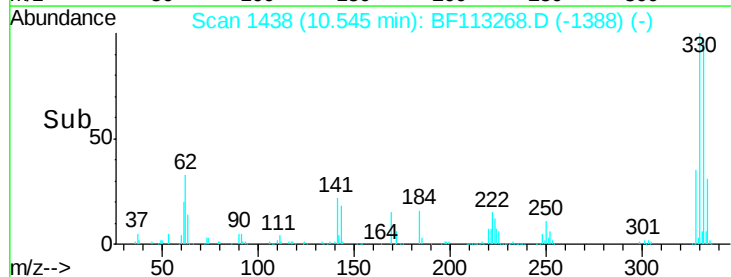
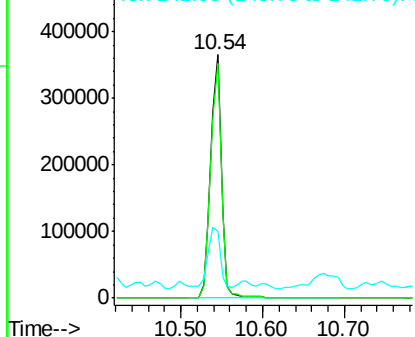


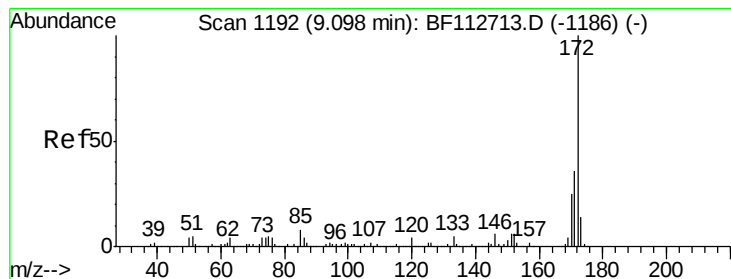
#42
2,4,6-Tribromophenol
Concen: 172.946 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

Tgt Ion:330 Resp: 336298
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 27.2 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

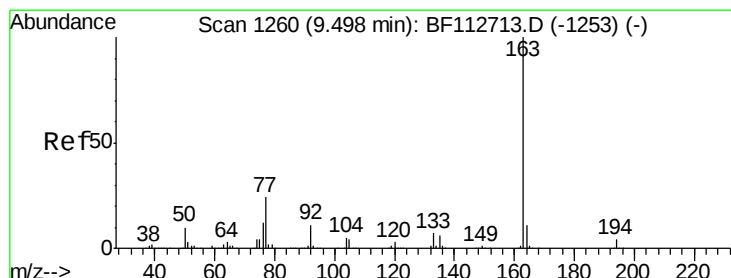
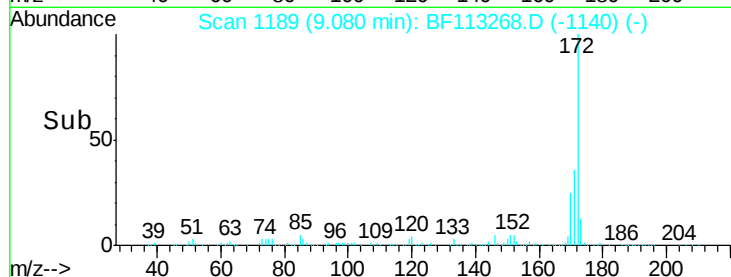
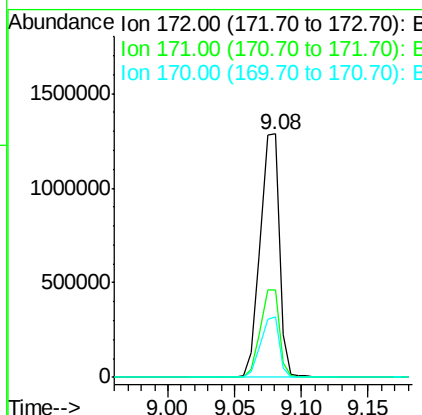
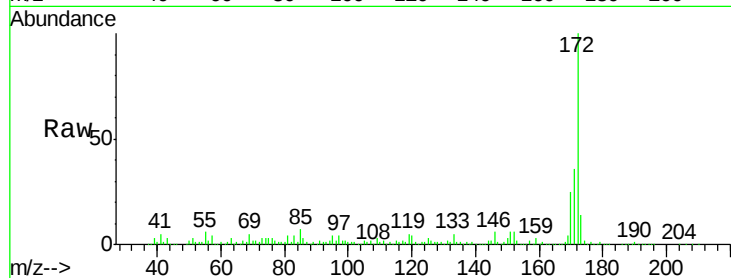




#45
2-Fluorobiphenyl
Concen: 136.936 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

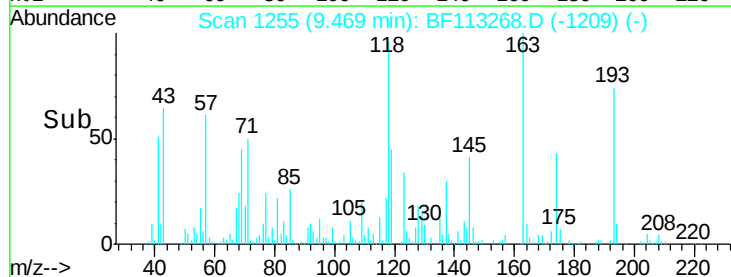
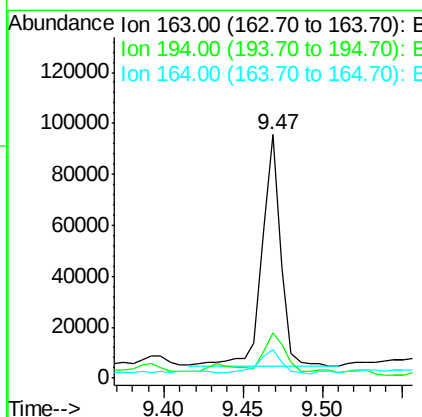
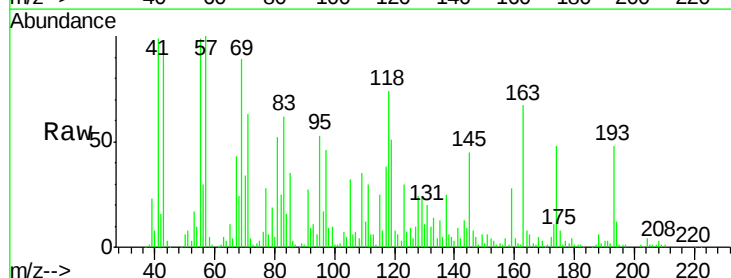
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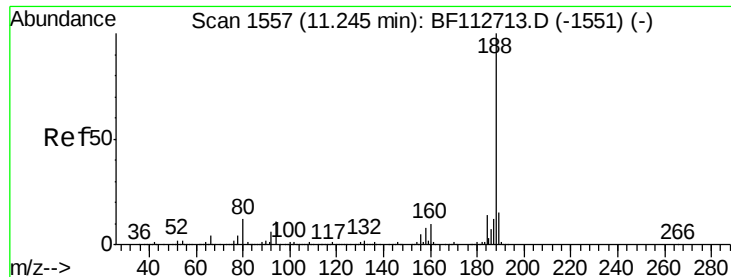
Tot Ion:172 Resp: 1276221
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.7 20.0 30.0



#50
Dimethylphthalate
Concen: 5.634 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

Tgt Ion:163 Resp: 76097
Ion Ratio Lower Upper
163 100
194 18.5 3.0 4.4#
164 11.9 8.4 12.6

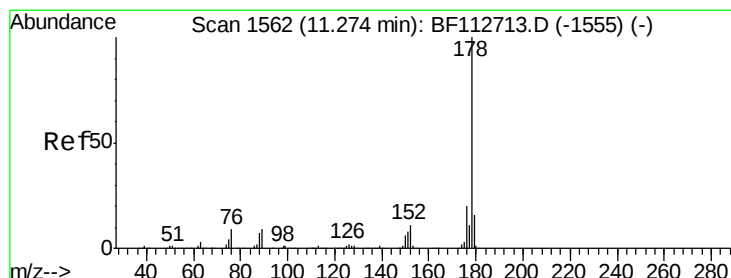
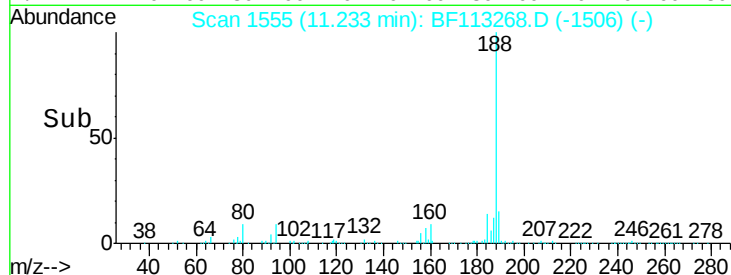
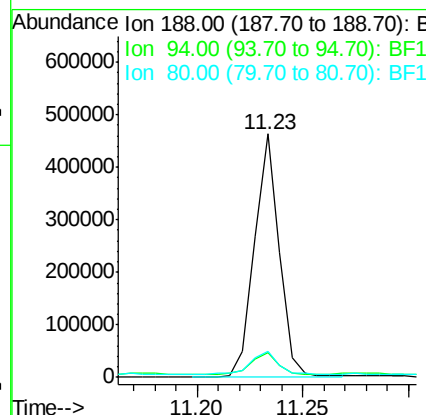
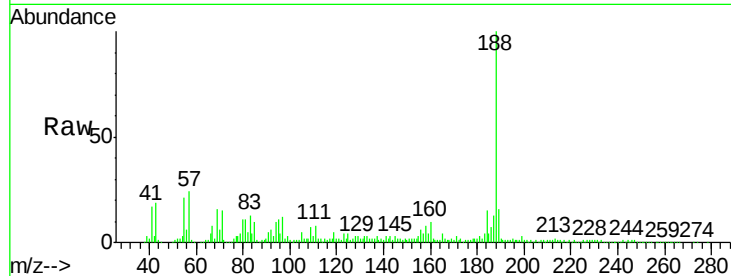




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

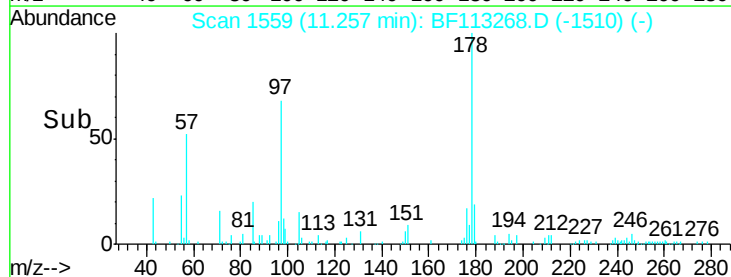
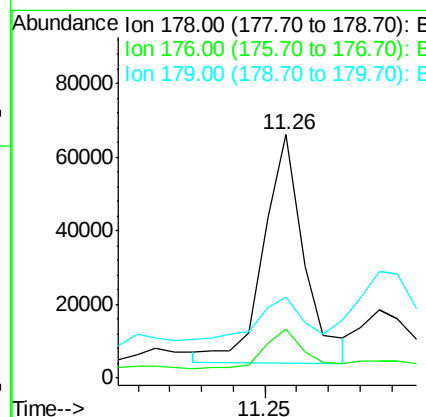
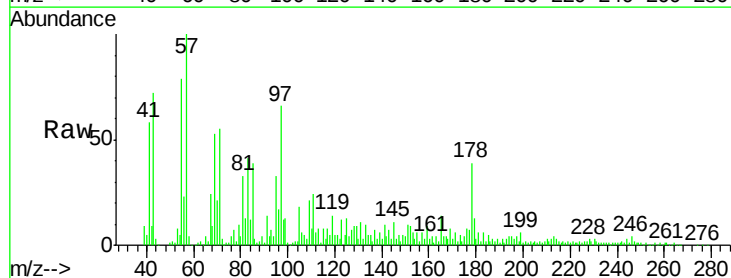
Instrument :
BNA_F
ClientSampleId :
DRUM-1

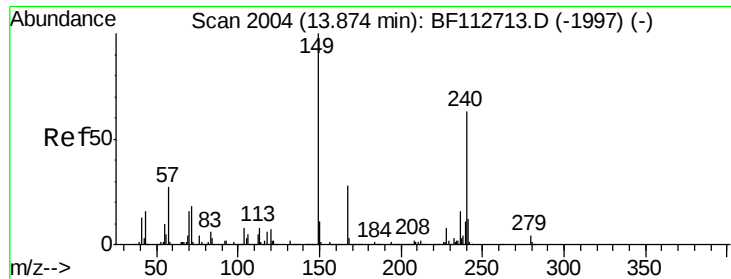
Tot Ion:188 Resp: 374925
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 10.5 9.2 13.8



#71
Phenanthrene
Concen: 2.959 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

Tgt Ion:178 Resp: 55204
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 33.4 12.7 19.1#

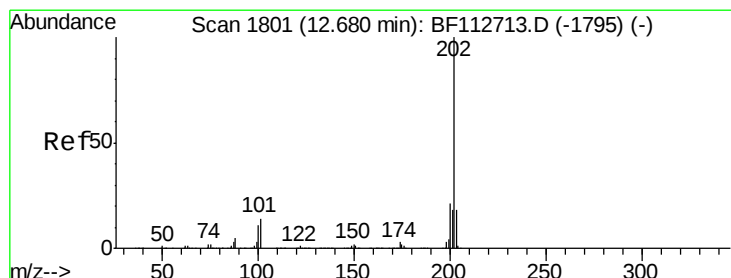
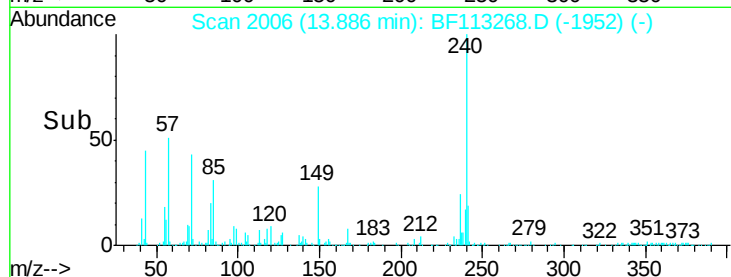
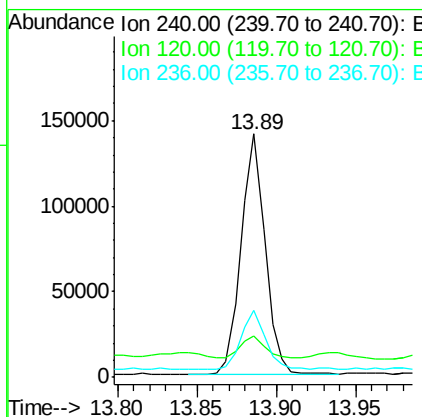
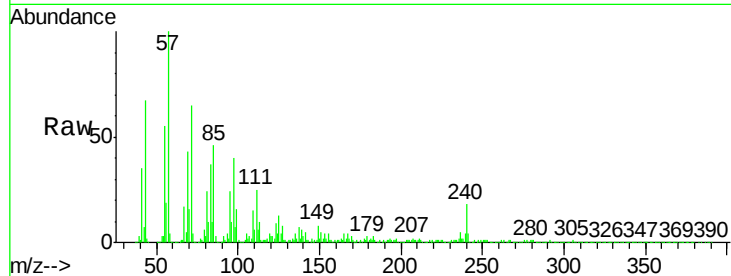




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

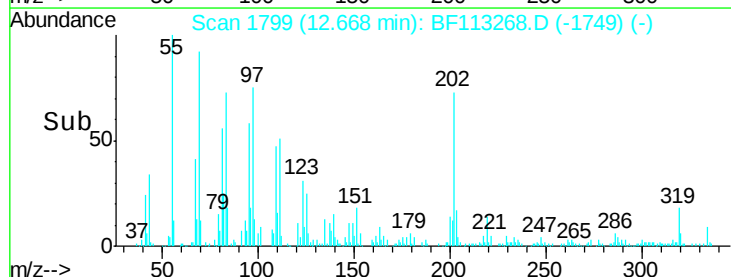
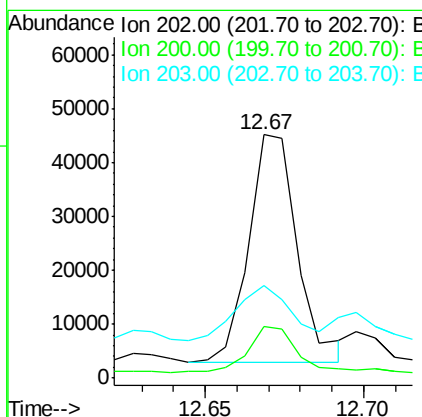
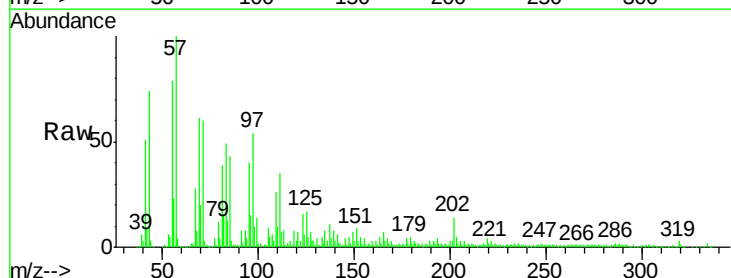
Instrument :
BNA_F
ClientSampleId :
DRUM-1

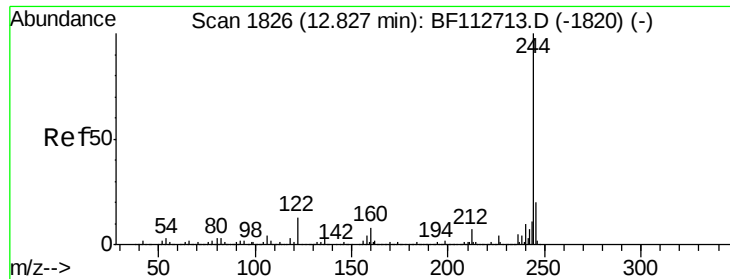
Tot Ion:240 Resp: 148122
Ion Ratio Lower Upper
240 100
120 17.1 8.9 13.3#
236 27.4 20.7 31.1



#78
Pyrene
Concen: 3.594 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113268.D
Acq: 24 Mar 2019 15:20

Tgt Ion:202 Resp: 44884
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 38.2 14.4 21.6#





#79

Terphenyl-d14

Concen: 148.144 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113268.D

Acq: 24 Mar 2019 15:20

Instrument :

BNA_F

ClientSampled :

DRUM-1

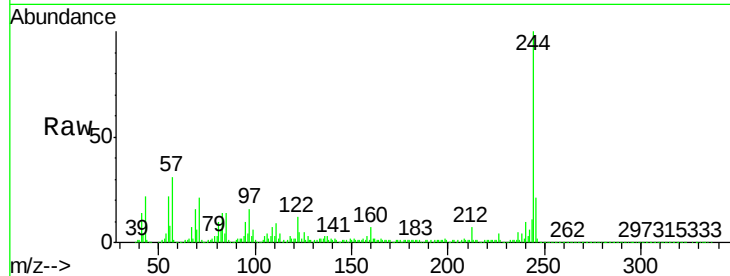
Tot Ion:244 Resp: 1131976

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

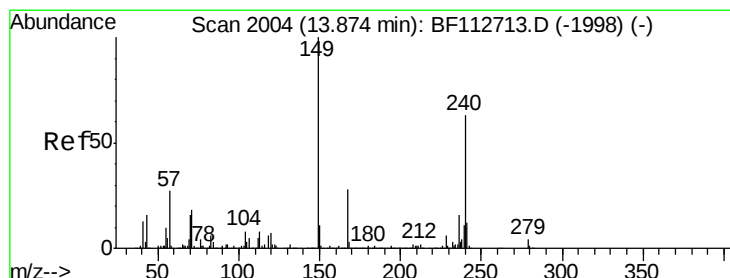
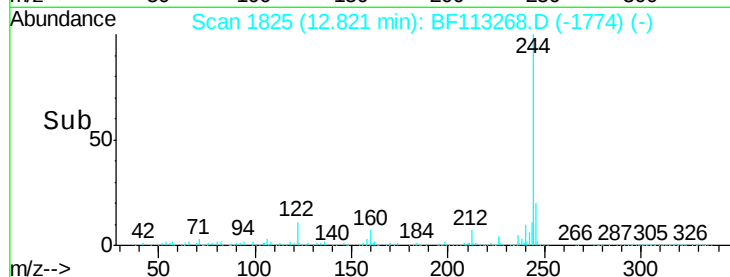
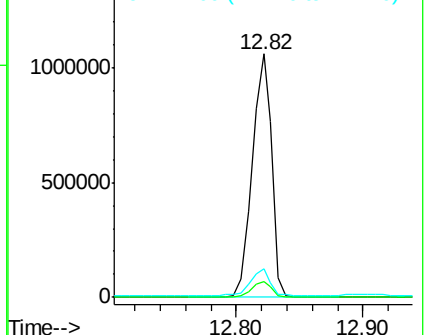
122 11.6 10.5 15.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.322 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.02 min

Lab File: BF113268.D

Acq: 24 Mar 2019 15:20

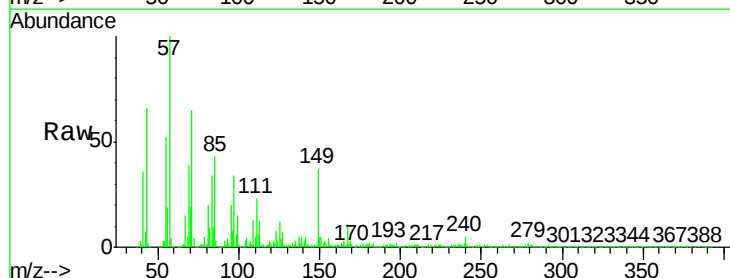
Tgt Ion:149 Resp: 299478

Ion Ratio Lower Upper

149 100

167 30.5 22.4 33.6

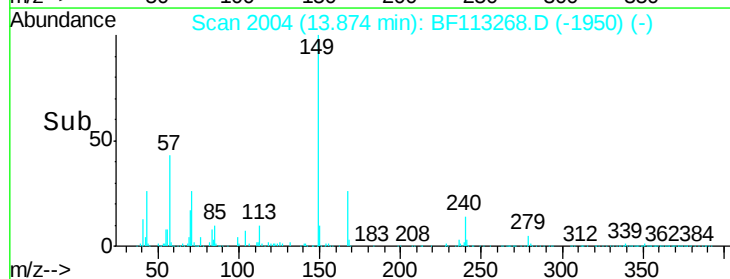
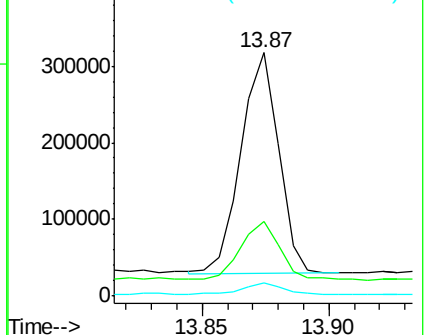
279 5.5 3.3 4.9#

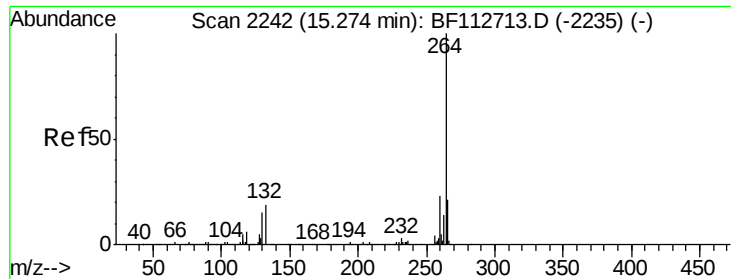


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

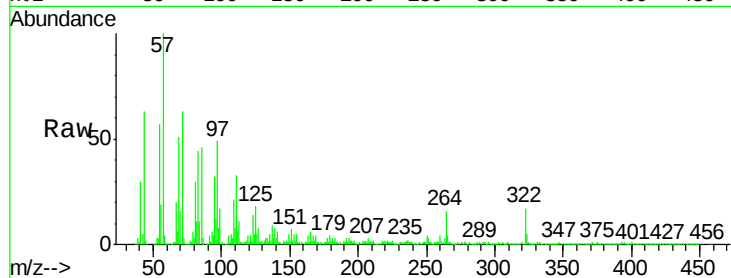




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.06 min
 Lab File: BF113268.D
 Acq: 24 Mar 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	24.2	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

