

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113245.D
 Acq On : 22 Mar 2019 20:14
 Operator : JU/SJ
 Sample : K1933-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Quant Time: Mar 23 00:47:06 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

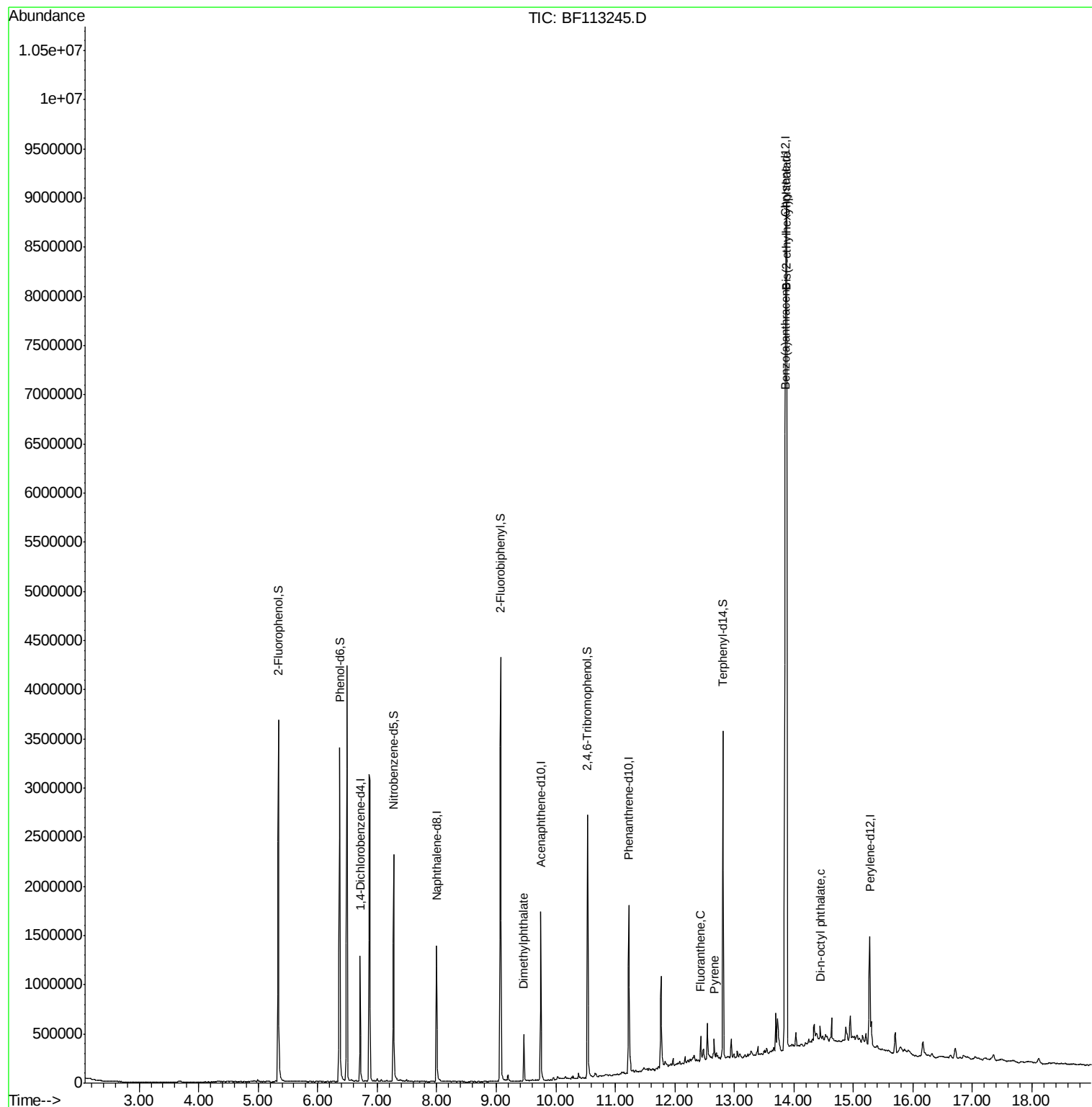
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	195837	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	717597	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	369201	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	634852	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	252503	20.00	ng	-0.01
87) Perylene-d12	15.27	264	546410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1136938	90.31	ng	0.00
7) Phenol-d6	6.37	99	1455463	92.03	ng	0.00
23) Nitrobenzene-d5	7.27	82	896038	74.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	425785	108.63	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1471224	61.35	ng	-0.02
79) Terphenyl-d14	12.81	244	1182990	90.82	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.46	163	213496	7.842	ng	Qvalue 100
75) Fluoranthene	12.44	202	105878	3.129	ng	95
78) Pyrene	12.66	202	86861	4.081	ng	97
81) Benzo(a)anthracene	13.84	228	37002	2.114	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	5299192	480.826	ng	# 97
85) Di-n-octyl phthalate	14.44	149	42647	2.254	ng	# 62

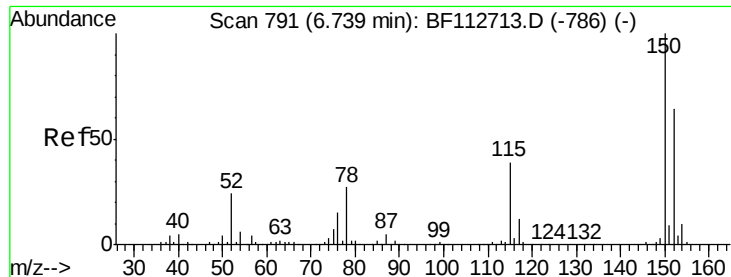
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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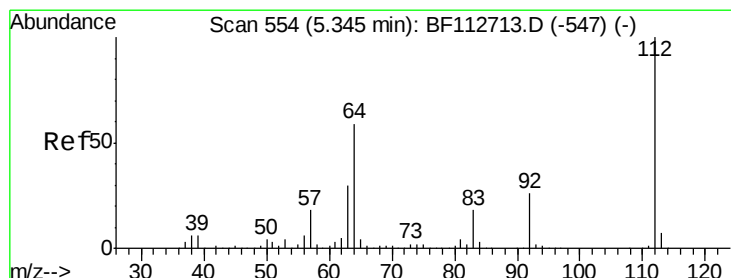
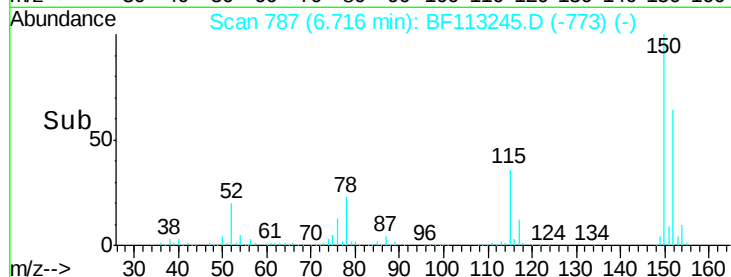
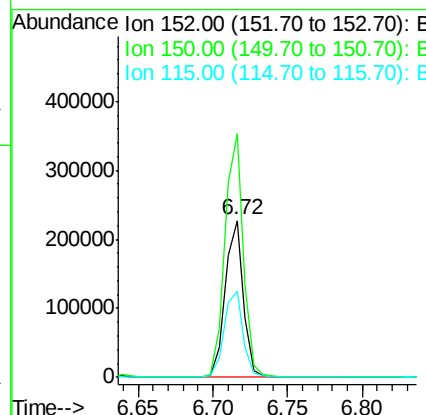
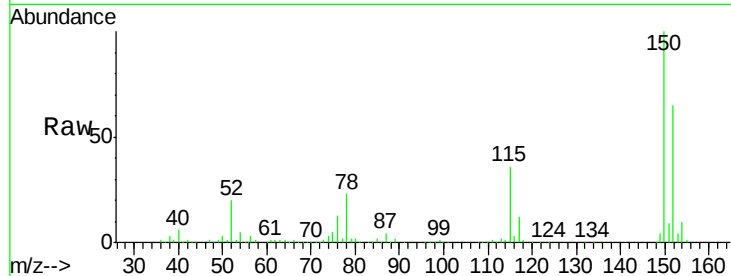


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF113245.D
 Acq: 22 Mar 2019 20:14

Instrument :
 BNA_F
 ClientSampled :
 S-5

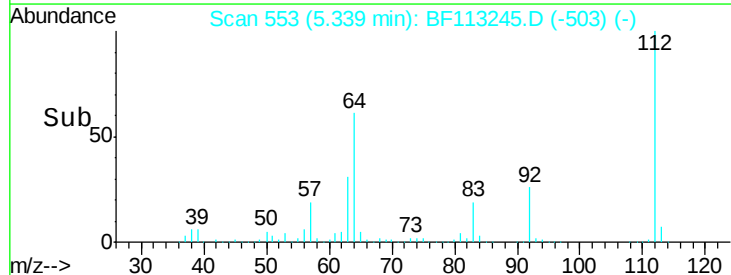
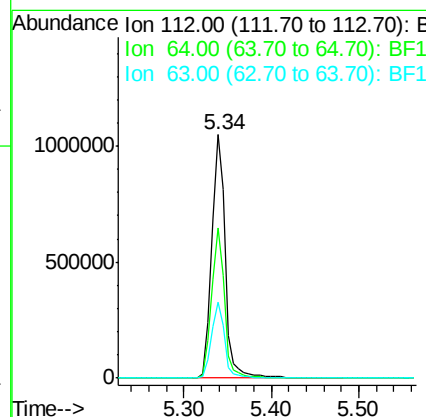
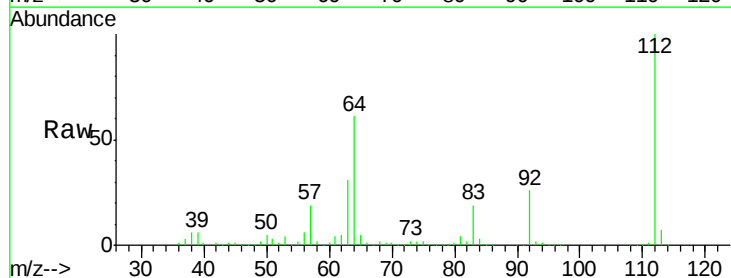
Tgt Ion:152 Resp: 195837
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.2 186.2
 115 55.2 48.2 72.4

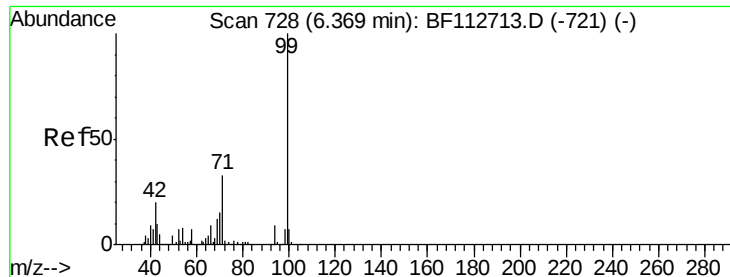


#5

2-Fluorophenol
 Concen: 90.308 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF113245.D
 Acq: 22 Mar 2019 20:14

Tgt Ion:112 Resp: 1136938
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.6 71.4
 63 31.4 24.4 36.6





#7

Phenol-d6

Concen: 92.033 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113245.D

Acq: 22 Mar 2019 20:14

Instrument :

BNA_F

ClientSampleId :

S-5

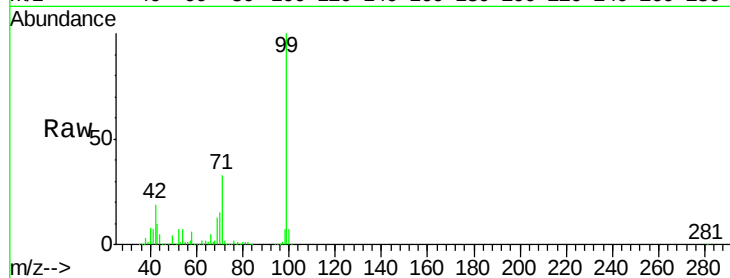
Tgt Ion: 99 Resp: 1455463

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

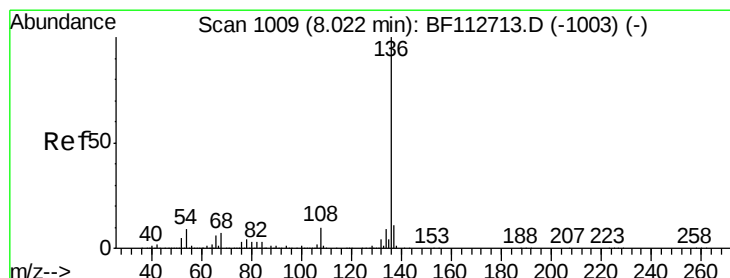
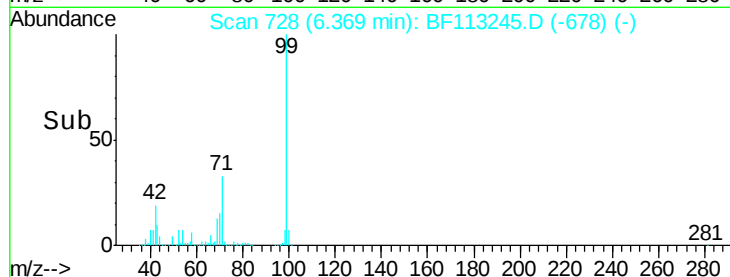
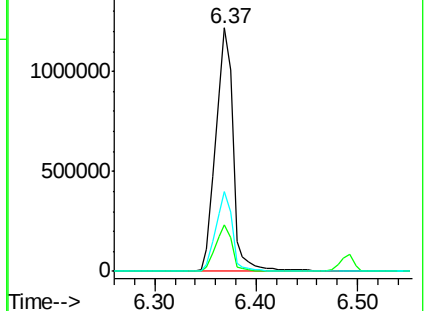
71 32.8 26.2 39.4



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: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113245.D

Acq: 22 Mar 2019 20:14

Tgt Ion: 136 Resp: 717597

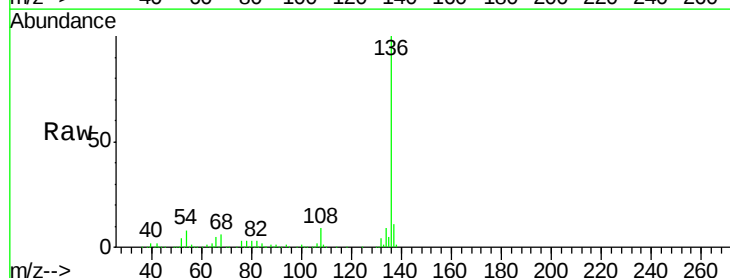
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 7.3 10.9

68 5.8 5.4 8.2

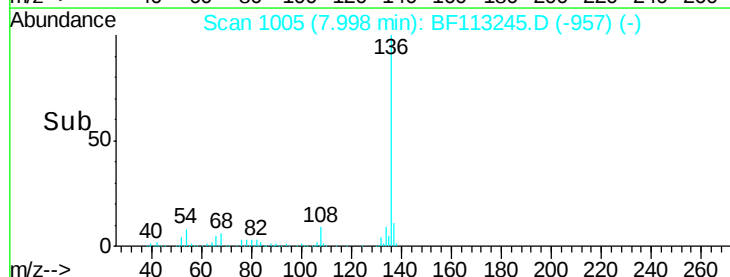
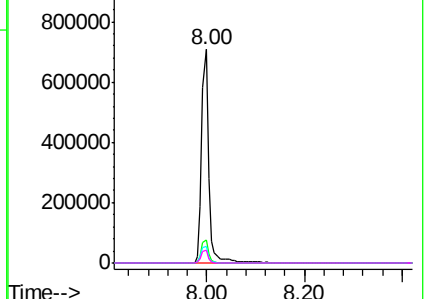


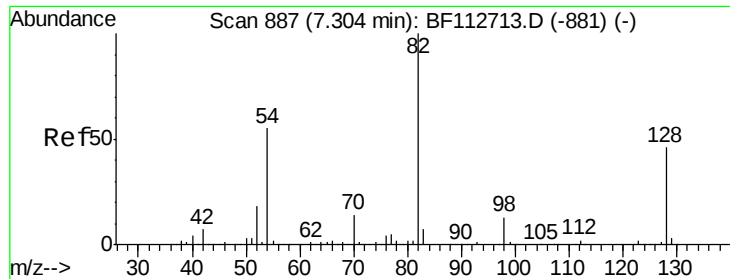
Abundance Ion 136.00 (135.70 to 136.70): E

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

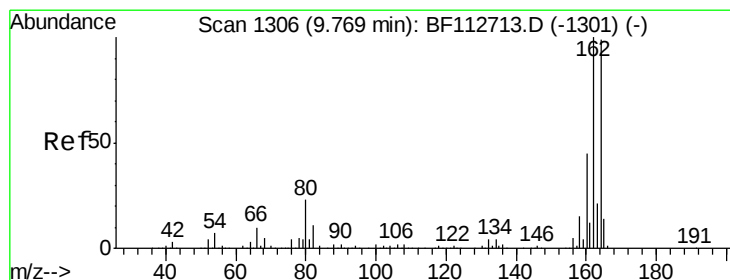
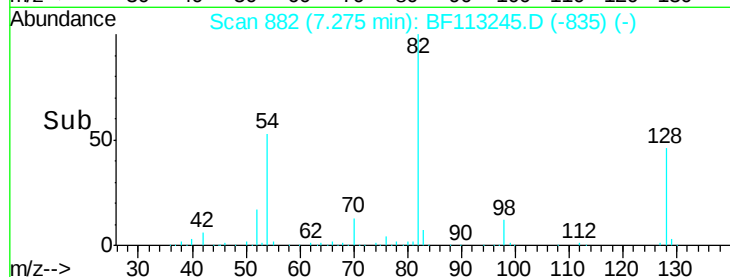
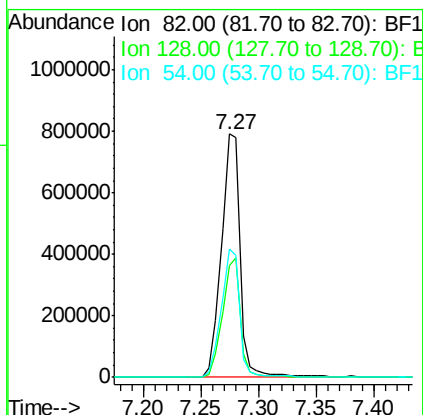
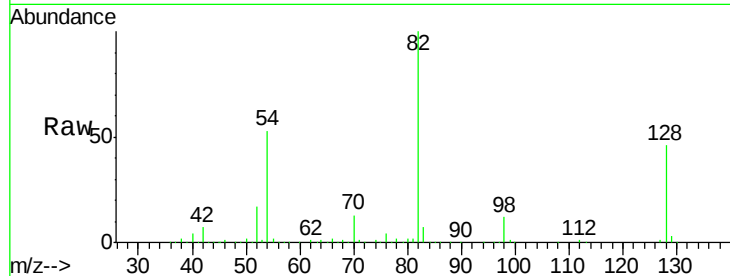




#23
 Nitrobenzene-d5
 Concen: 74.718 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF113245.D
 Acq: 22 Mar 2019 20:14

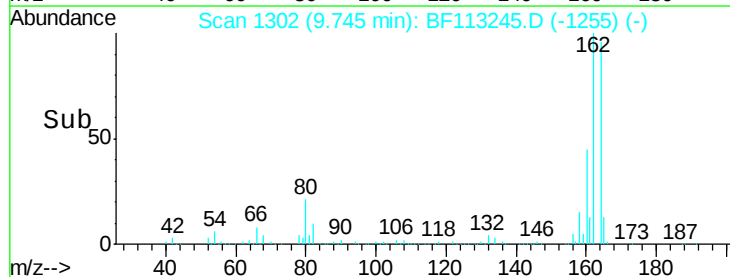
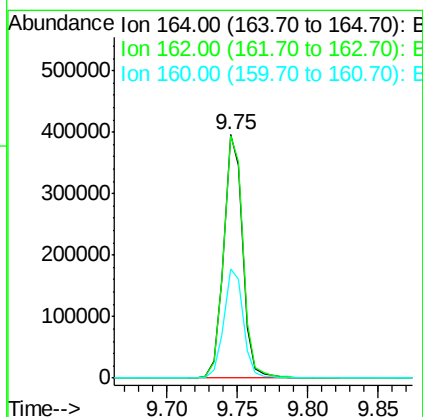
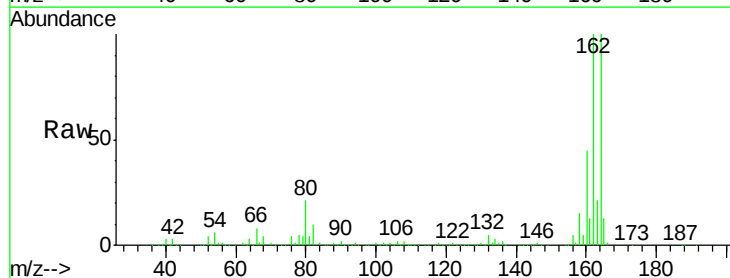
Instrument :
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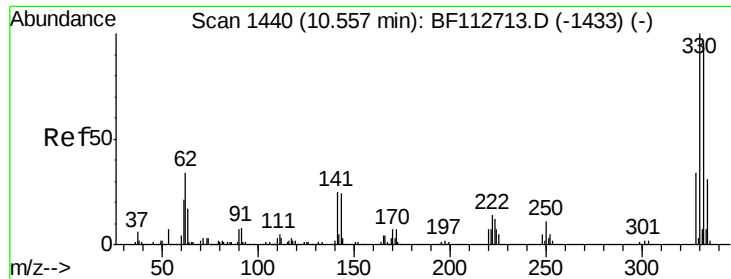
Tgt Ion: 82 Resp: 896038
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.3 54.5
 54 52.8 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF113245.D
 Acq: 22 Mar 2019 20:14

Tgt Ion: 164 Resp: 369201
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.6 120.8
 160 44.8 36.0 54.0

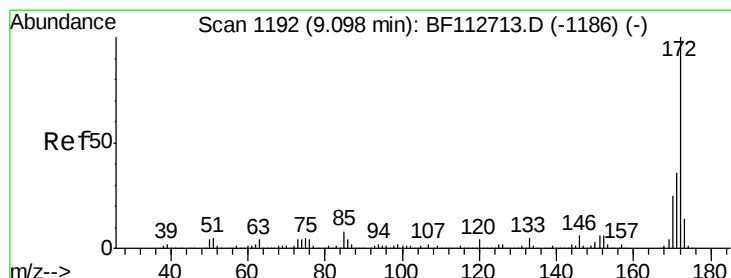
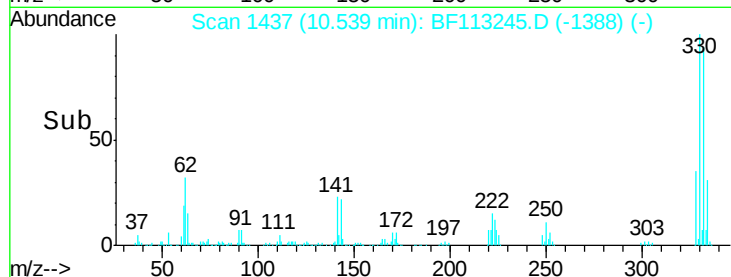
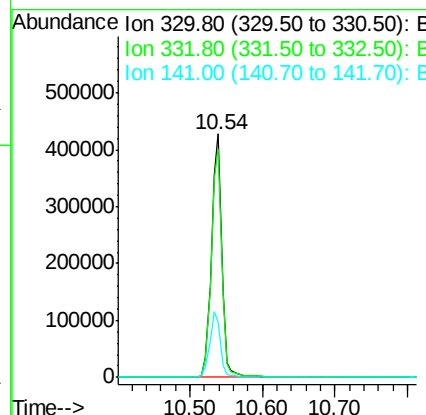
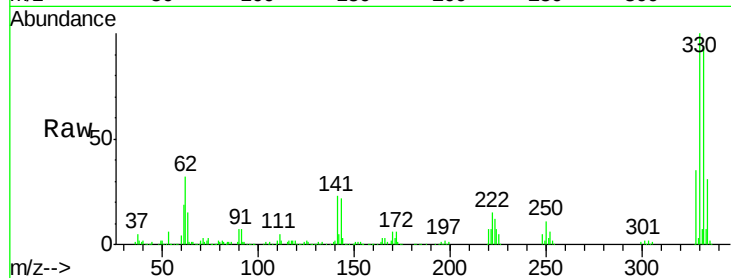




#42
 2,4,6-Tribromophenol
 Concen: 108.632 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113245.D
 Acq: 22 Mar 2019 20:14

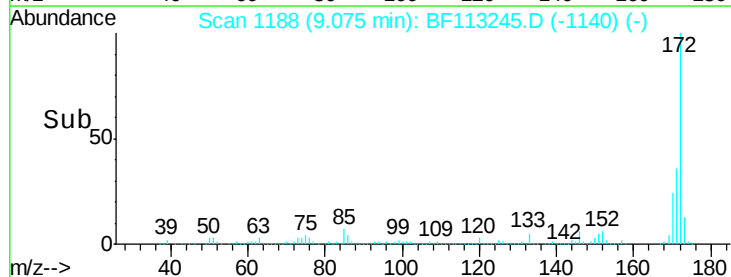
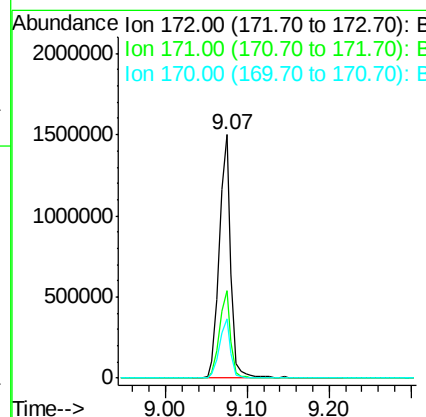
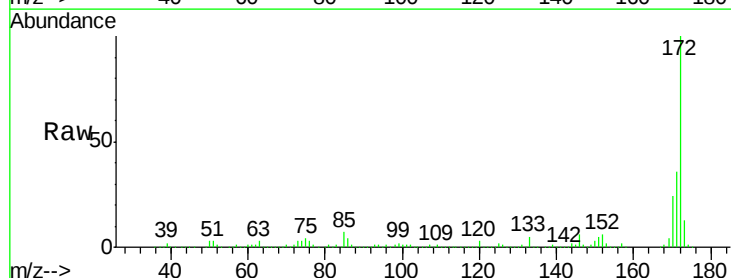
Instrument :
 BNA_F
 ClientSampled :
 S-5

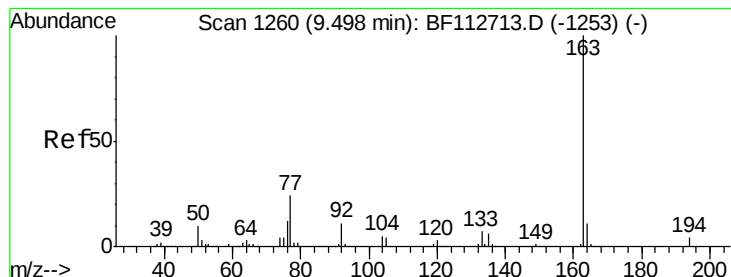
Tgt Ion:330 Resp: 425785
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 27.9 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 61.351 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113245.D
 Acq: 22 Mar 2019 20:14

Tgt Ion:172 Resp: 1471224
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.4 20.0 30.0





#50

Dimethylphthalate

Concen: 7.842 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BF113245.D

Acq: 22 Mar 2019 20:14

Instrument :

BNA_F

ClientSampleId :

S-5

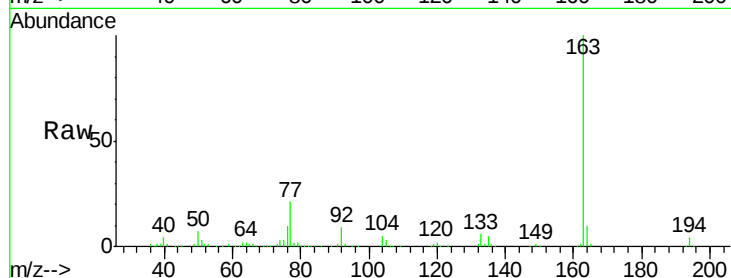
Tgt Ion:163 Resp: 213496

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

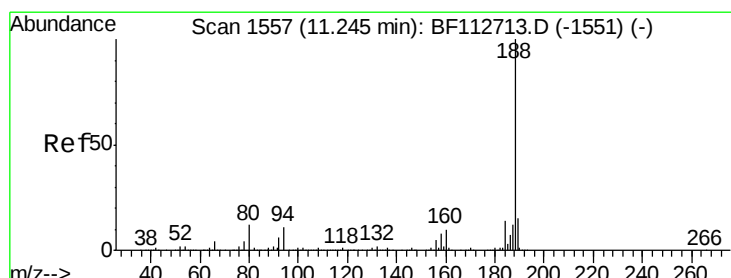
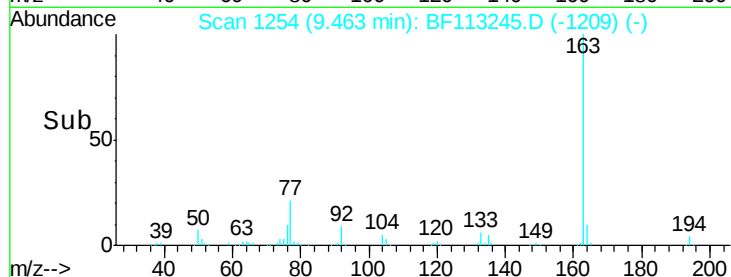
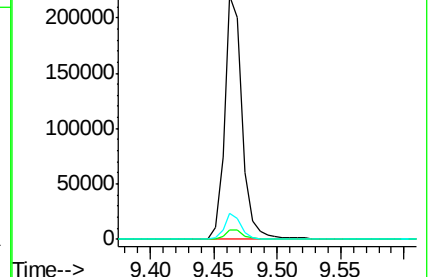
164 10.5 8.4 12.6



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: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113245.D

Acq: 22 Mar 2019 20:14

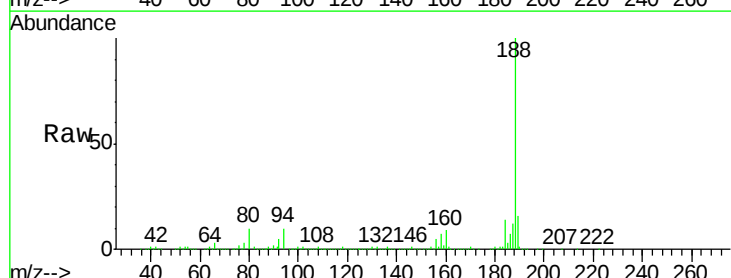
Tgt Ion:188 Resp: 634852

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

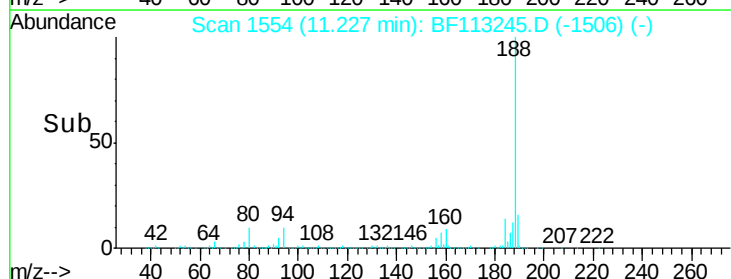
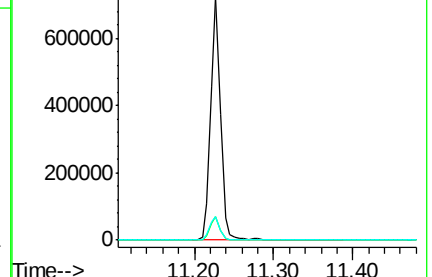
80 9.7 9.2 13.8

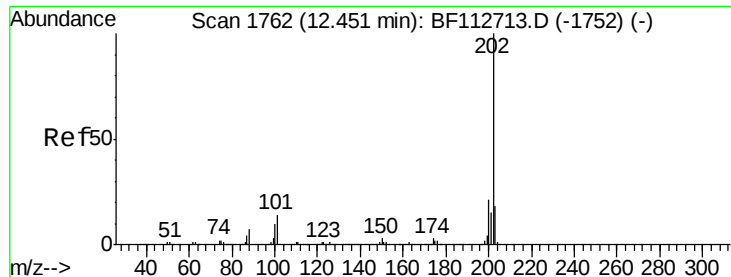


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 3.129 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113245.D

Acq: 22 Mar 2019 20:14

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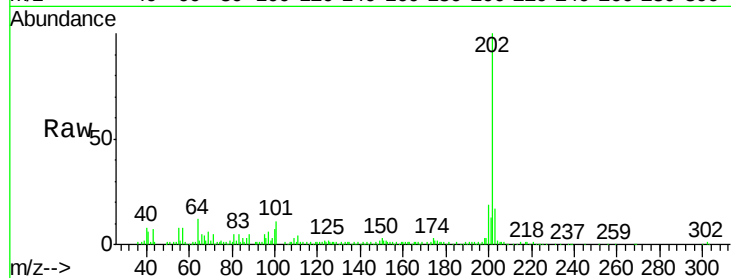
Tgt Ion:202 Resp: 105878

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.8

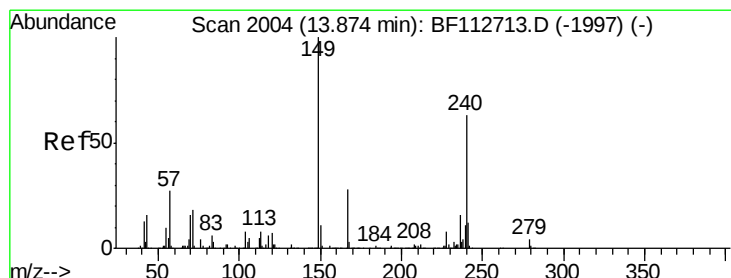
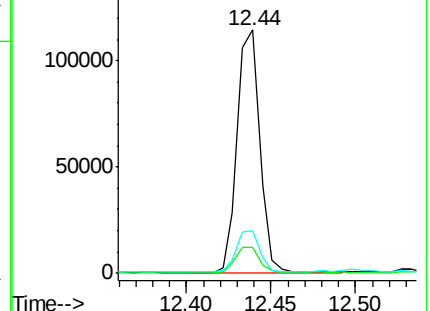
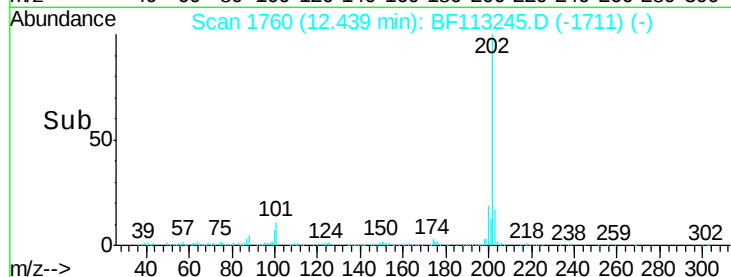
203 17.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113245.D

Acq: 22 Mar 2019 20:14

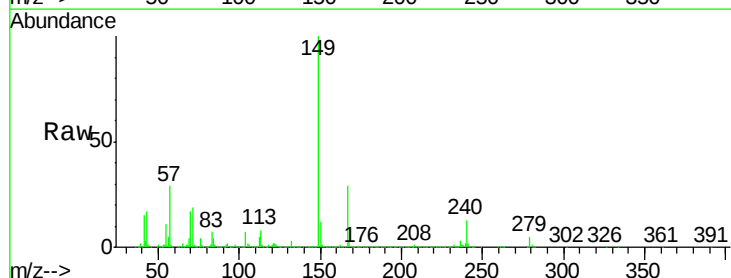
Tgt Ion:240 Resp: 252503

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

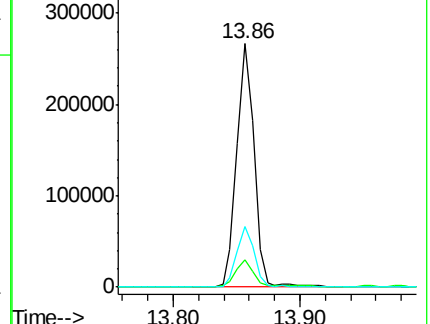
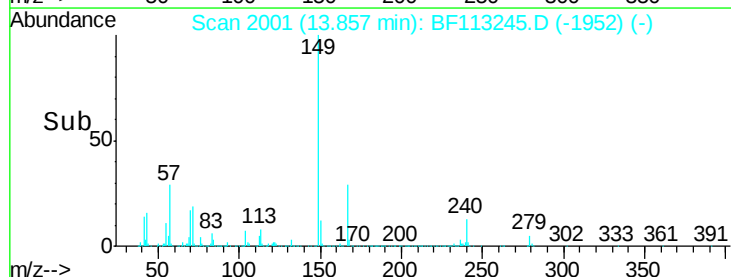
236 24.7 20.7 31.1

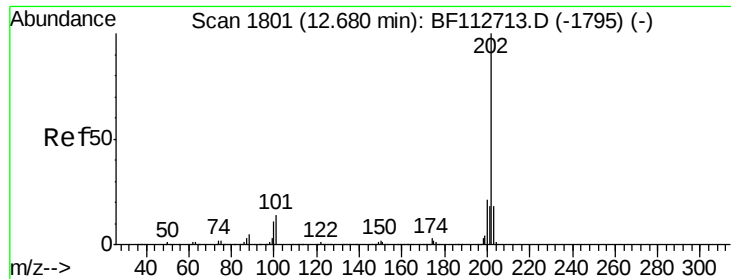


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

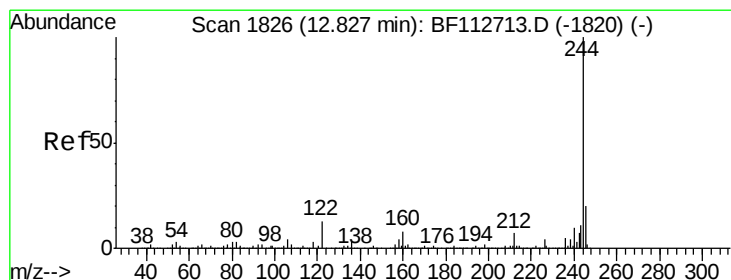
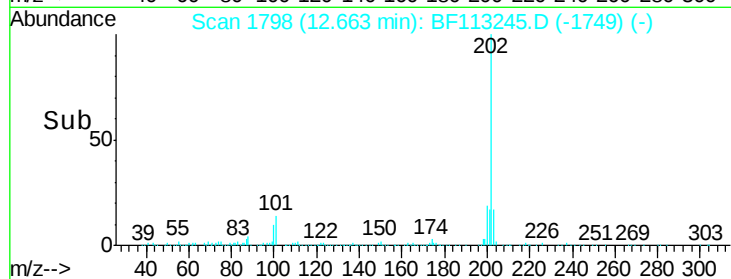
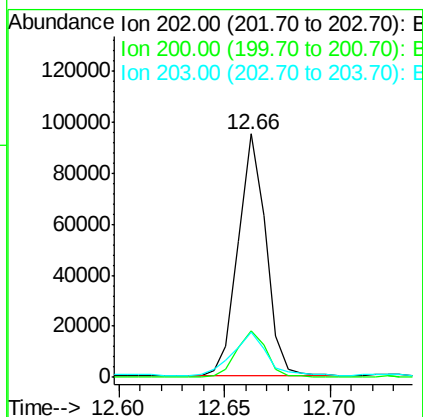
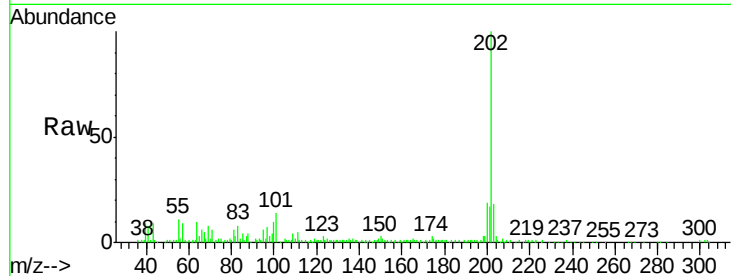




#78
Pyrene
Concen: 4.081 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF113245.D
Acq: 22 Mar 2019 20:14

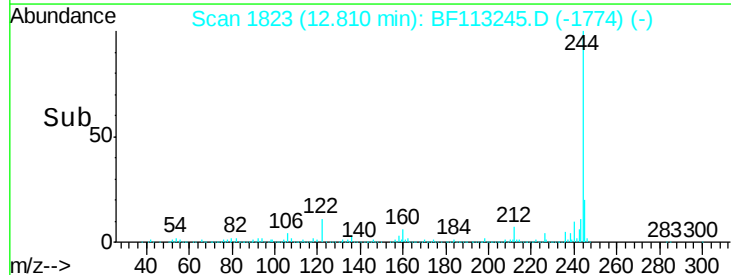
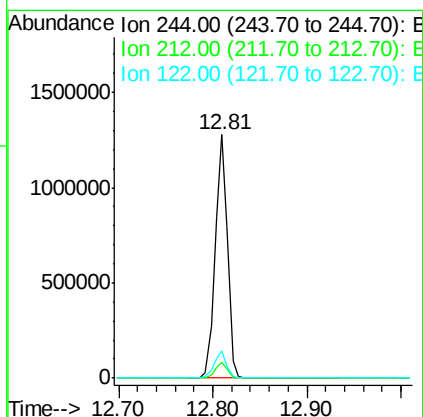
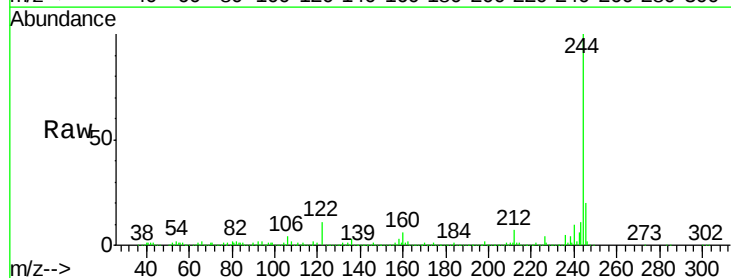
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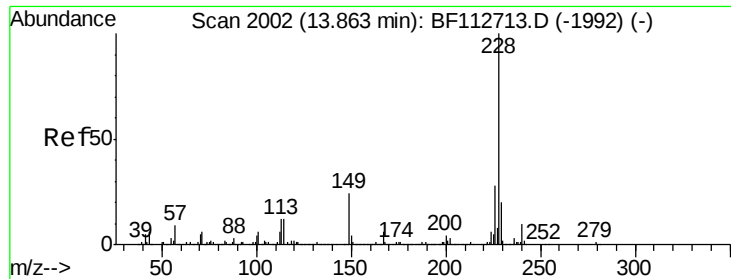
Tgt Ion: 202 Resp: 86861
Ion Ratio Lower Upper
202 100
200 19.2 17.0 25.4
203 18.5 14.4 21.6



#79
Terphenyl-d14
Concen: 90.820 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113245.D
Acq: 22 Mar 2019 20:14

Tgt Ion: 244 Resp: 1182990
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.1 10.5 15.7

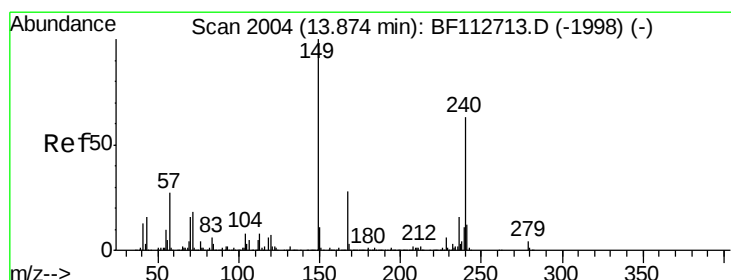
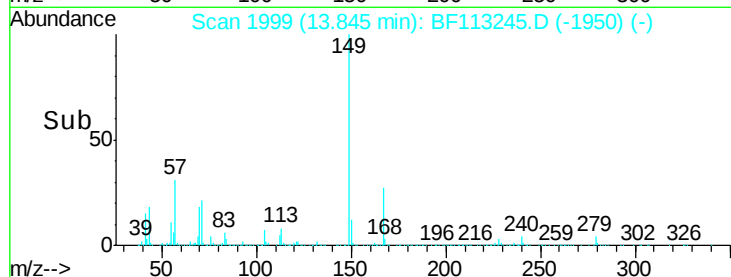
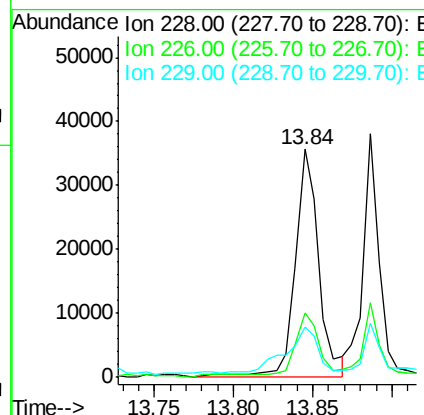
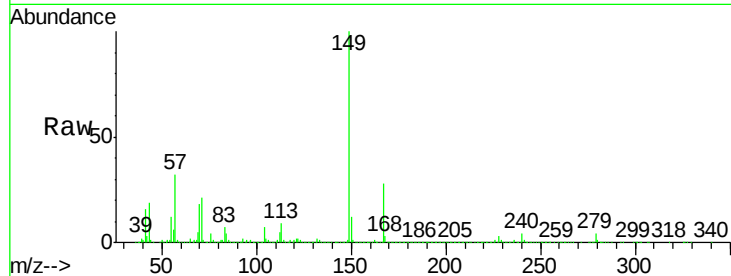




#81
Benzo(a)anthracene
Concen: 2.114 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF113245.D
Acq: 22 Mar 2019 20:14

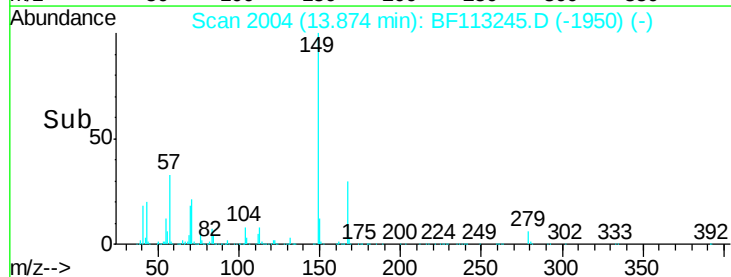
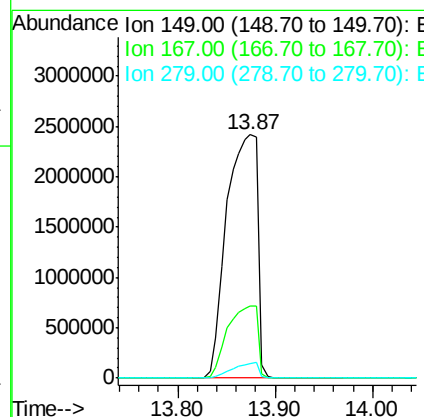
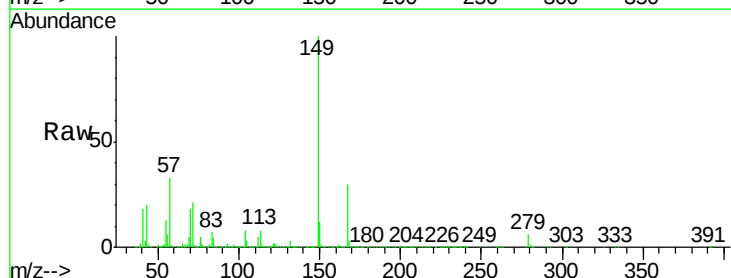
Instrument :
BNA_F
ClientSampleId :
S-5

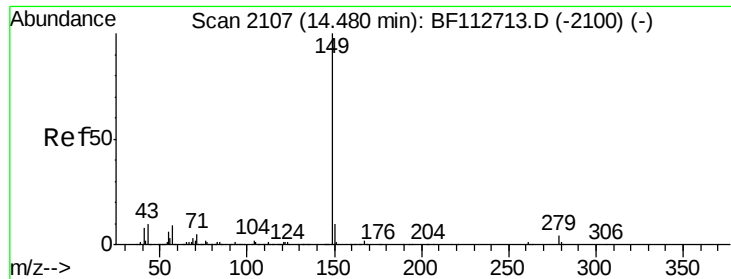
Tgt Ion: 228 Resp: 37002
Ion Ratio Lower Upper
228 100
226 28.4 22.2 33.4
229 22.2 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 480.826 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BF113245.D
Acq: 22 Mar 2019 20:14

Tgt Ion: 149 Resp: 5299192
Ion Ratio Lower Upper
149 100
167 29.5 22.4 33.6
279 6.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 2.254 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.02 min

Lab File: BF113245.D

Acq: 22 Mar 2019 20:14

Instrument :

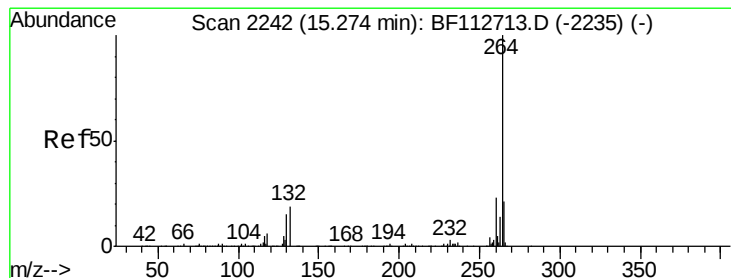
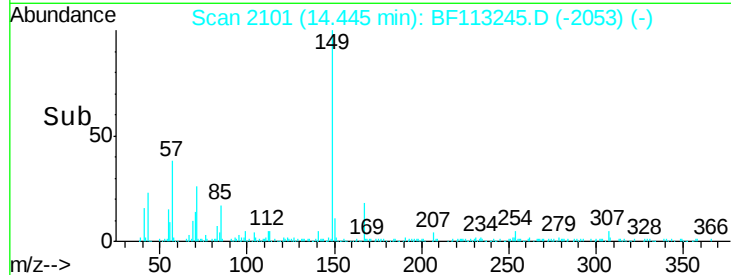
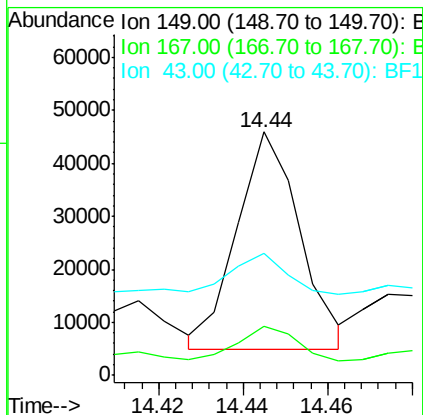
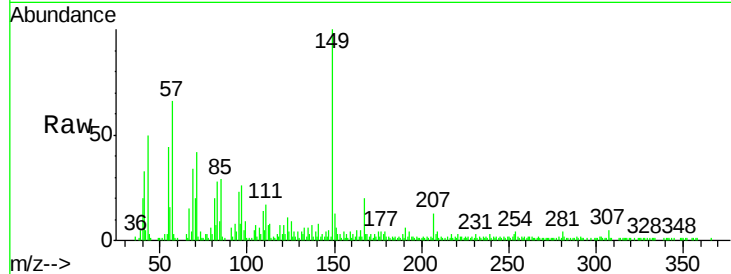
BNA_F

ClientSampleId :

S-5

Tgt Ion:149 Resp: 42647

Ion	Ratio	Lower	Upper
149	100		
167	17.5	1.2	1.8#
43	25.4	9.0	13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113245.D

Acq: 22 Mar 2019 20:14

Tgt Ion:264 Resp: 546410

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.0	17.2	25.8

