

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104520.D
 Acq On : 14 Apr 2018 12:00
 Operator : JU/SJ
 Sample : J2368-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRC-E-U-S

Quant Time: Apr 16 01:22:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

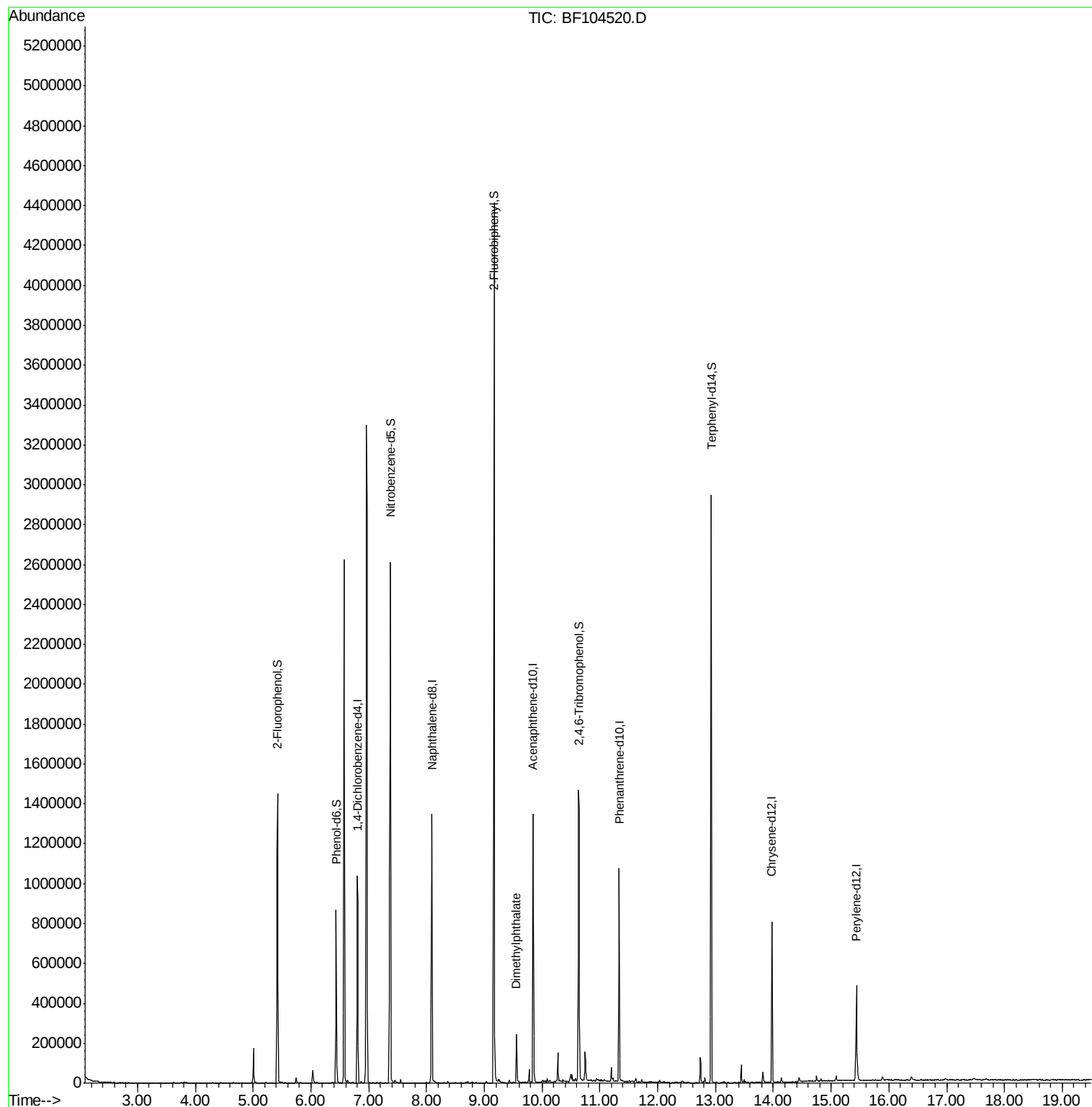
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	151535	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	603094	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	252492	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	355415	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	280834	20.00	ng	-0.01
86) Perylene-d12	15.44	264	214232	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	395858	39.94	ng	0.00
7) Phenol-d6	6.43	99	295627	24.28	ng	-0.01
23) Nitrobenzene-d5	7.37	82	932551	100.97	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	186372	71.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1483932	92.84	ng	0.00
78) Terphenyl-d14	12.93	244	1040044	84.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	103064	5.176	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF104520.D

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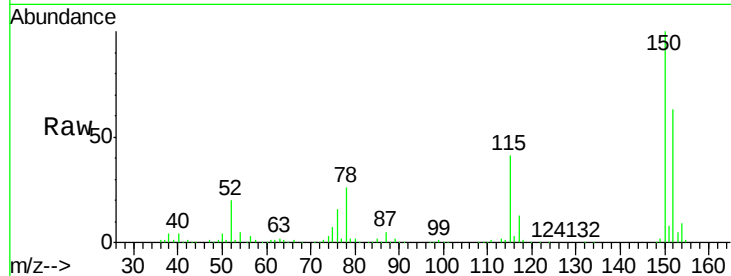
Tot Ion:152 Resp: 151535

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

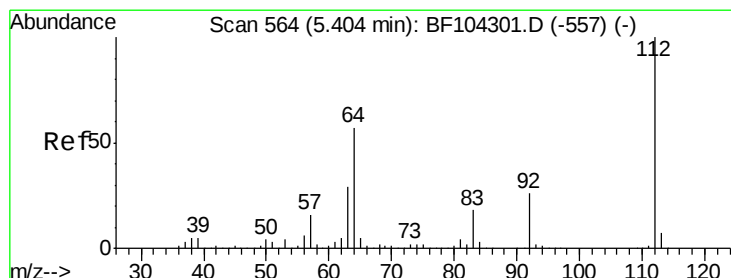
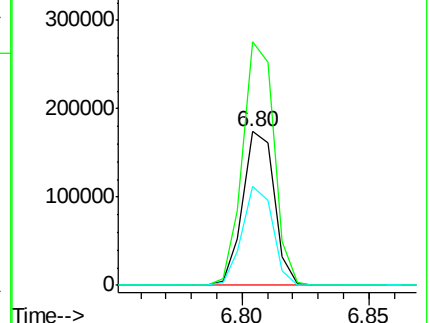
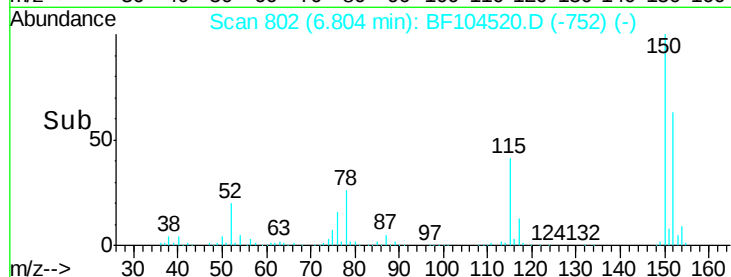
115 64.5 50.1 75.1



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: 39.944 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

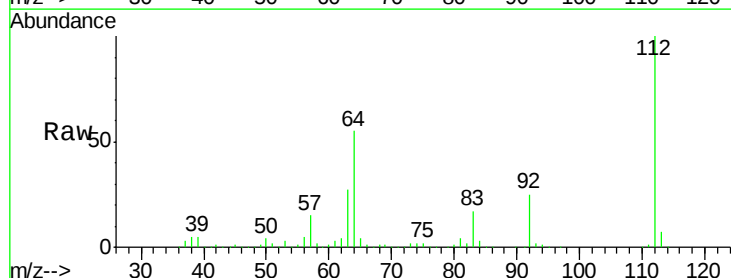
Tgt Ion:112 Resp: 395858

Ion Ratio Lower Upper

112 100

64 54.6 47.9 71.9

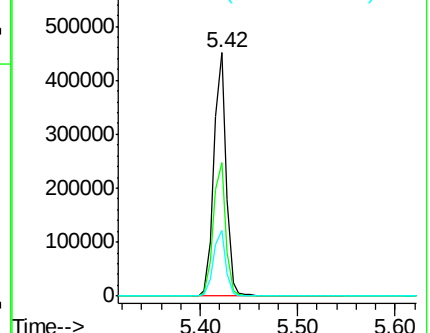
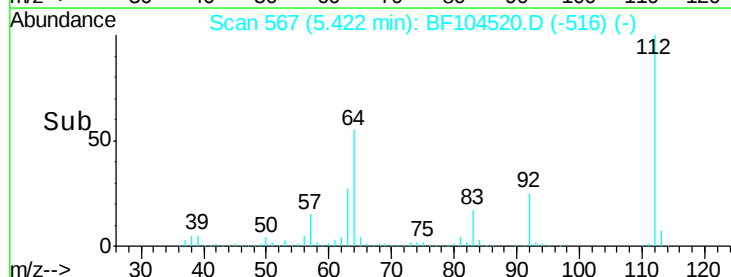
63 27.0 23.7 35.5



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: 24.278 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

Instrument :

BNA_F

ClientSampleId :

041118-DBRC-E-U-S

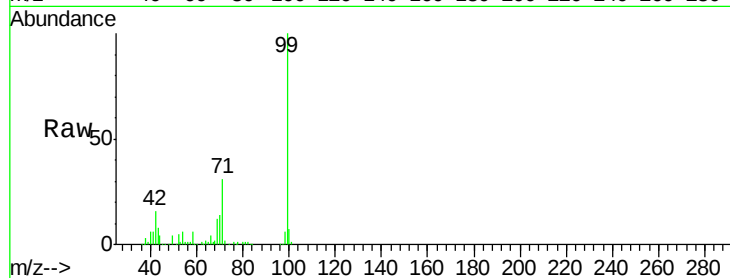
Tot Ion: 99 Resp: 295627

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

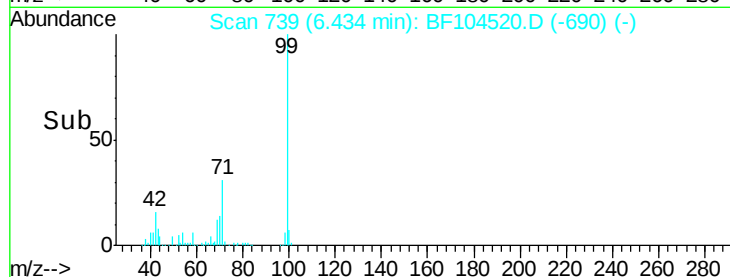
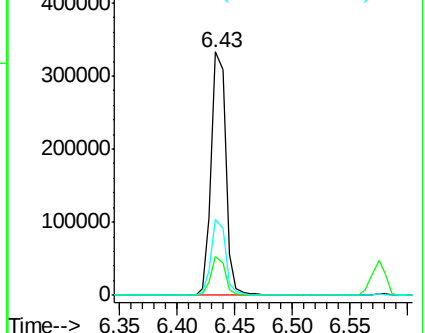
71 31.3 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

Tgt Ion: 136 Resp: 603094

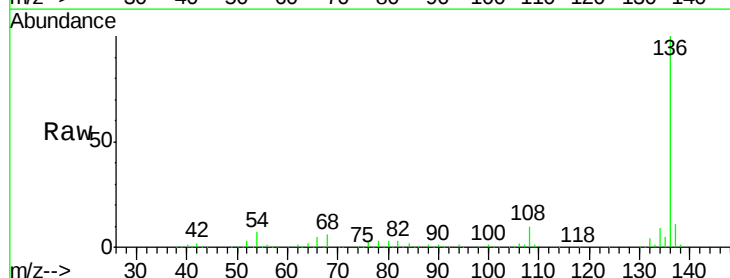
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

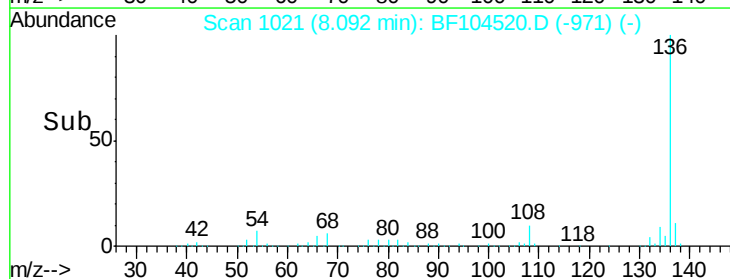
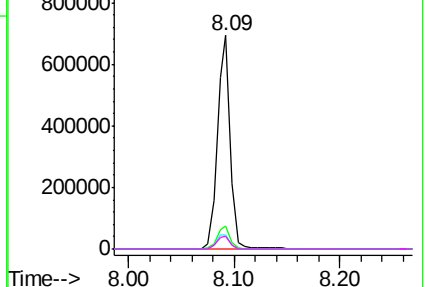


Abundance Ion 136.00 (135.70 to 136.70): E

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

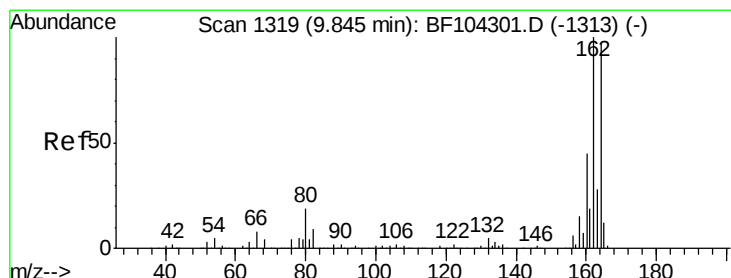
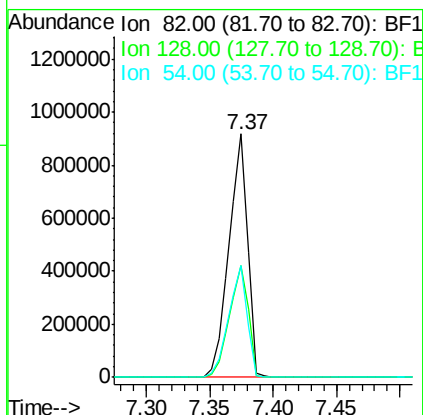
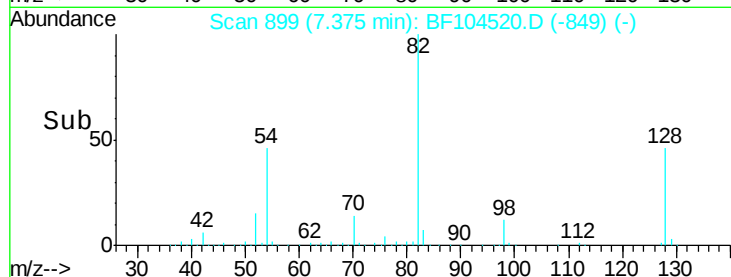
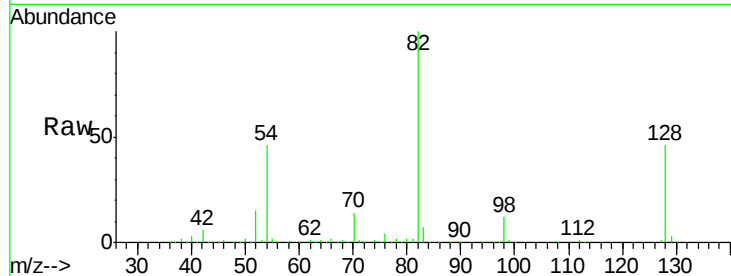




#23
Nitrobenzene-d5
Concen: 100.969 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

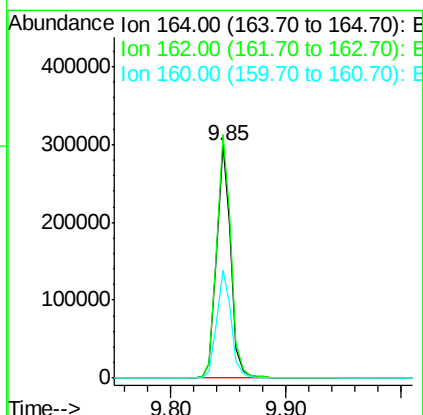
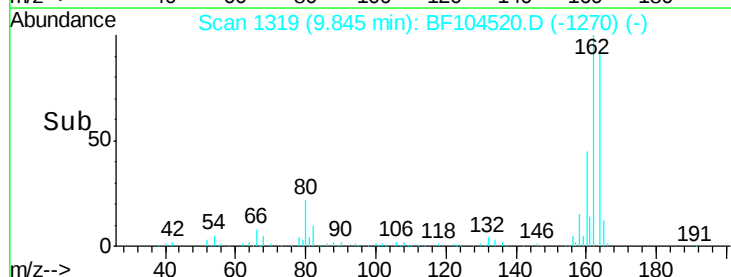
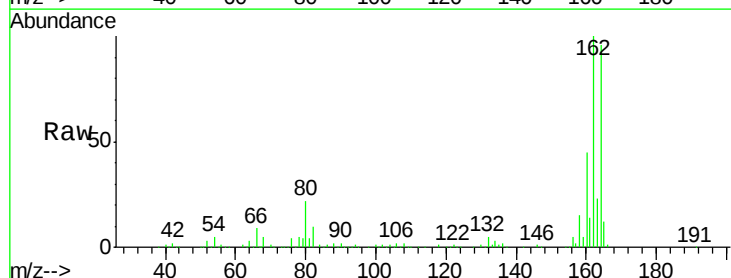
Instrument :
BNA_F
ClientSampleId :
041118-DBRC-E-U-S

Tot Ion: 82 Resp: 932551
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 46.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:164 Resp: 252492
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.5 38.3 57.5

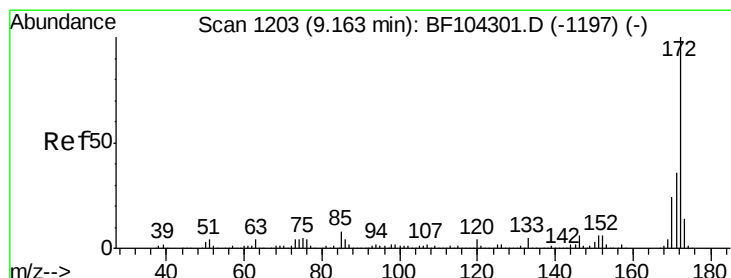
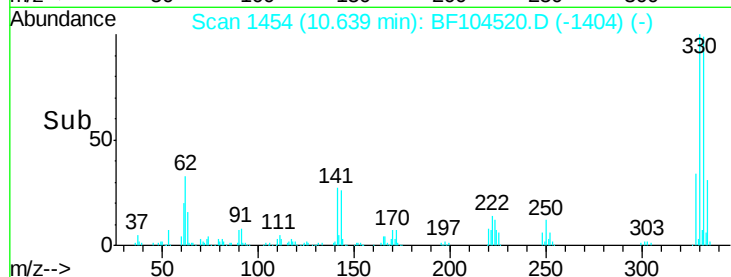
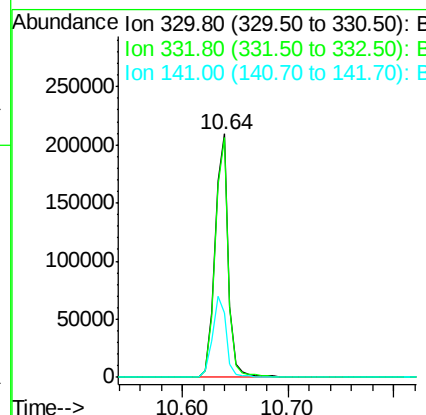
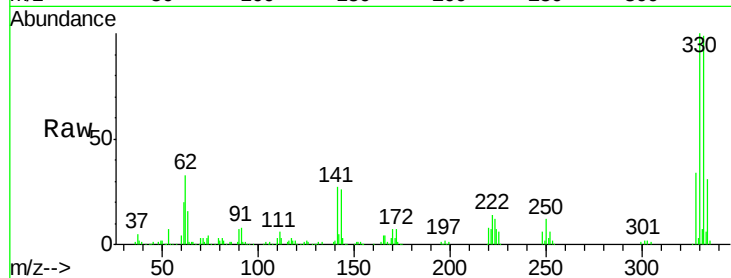




#41
 2,4,6-Tribromophenol
 Concen: 71.157 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104520.D
 Acq: 14 Apr 2018 12:00

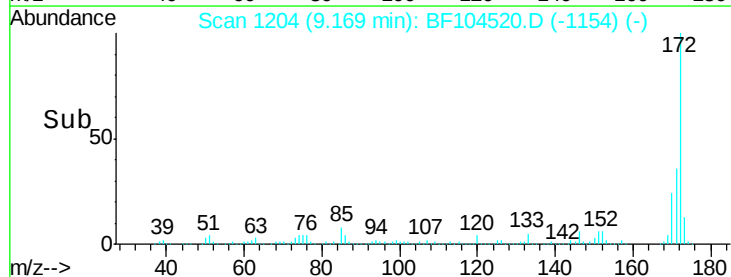
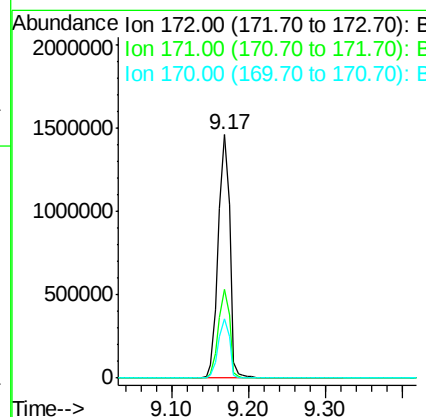
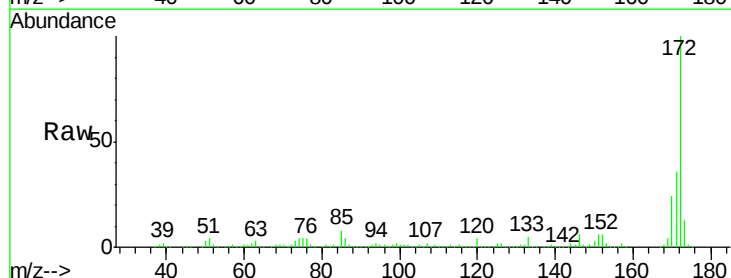
Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRC-E-U-S

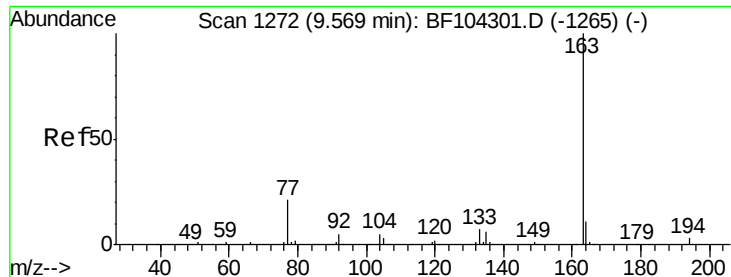
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	34.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 92.844 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104520.D
 Acq: 14 Apr 2018 12:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

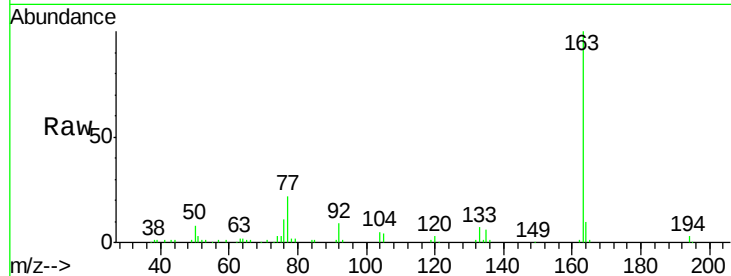




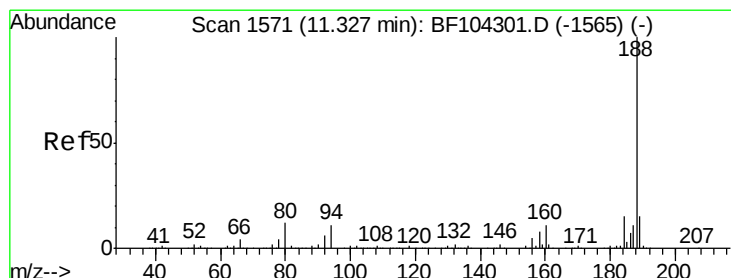
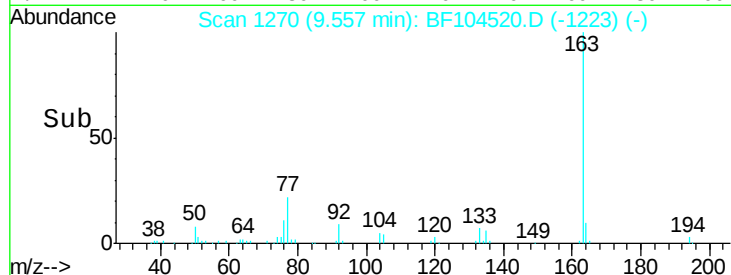
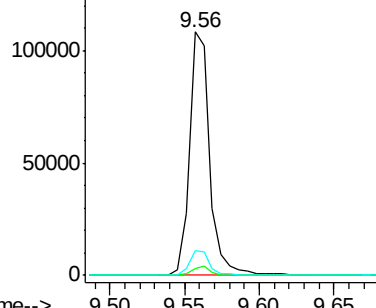
#49
Dimethylphthalate
Concen: 5.176 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :
041118-DBRC-E-U-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.3	8.2	12.2

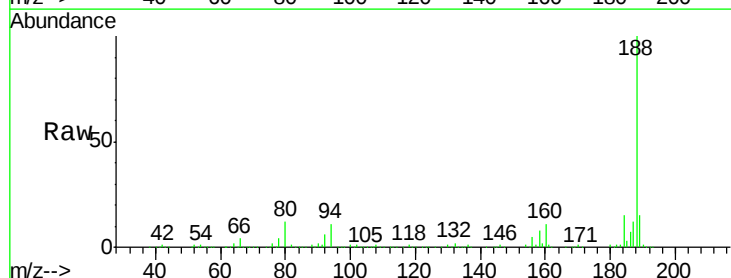


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

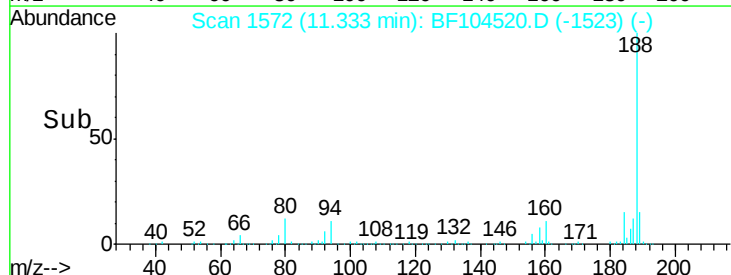
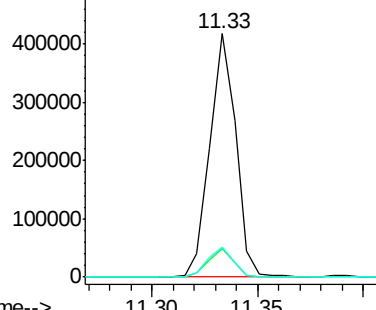


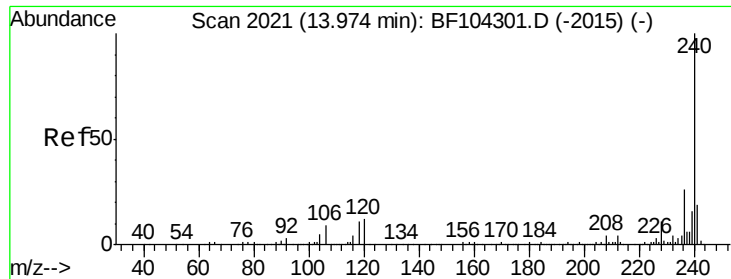
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.1	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

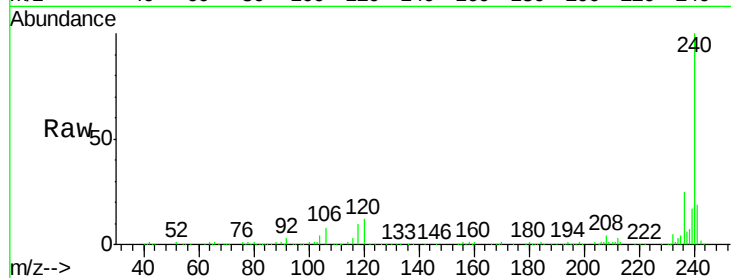




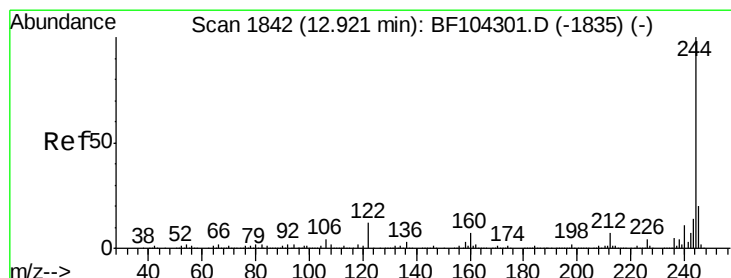
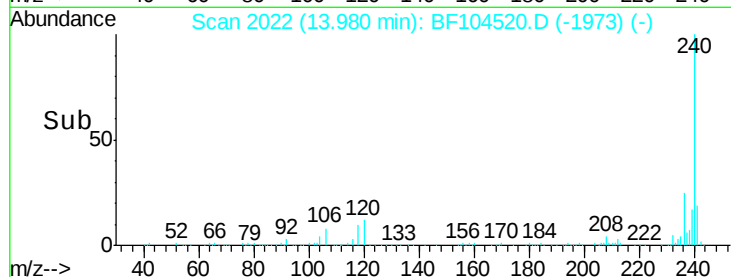
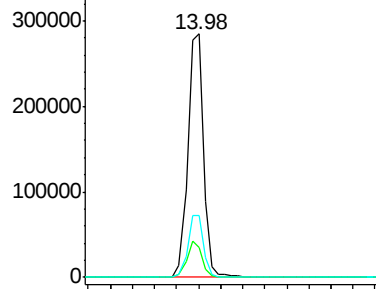
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :
041118-DBRC-E-U-S

Tot Ion:240 Resp: 280834
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.2 20.7 31.1

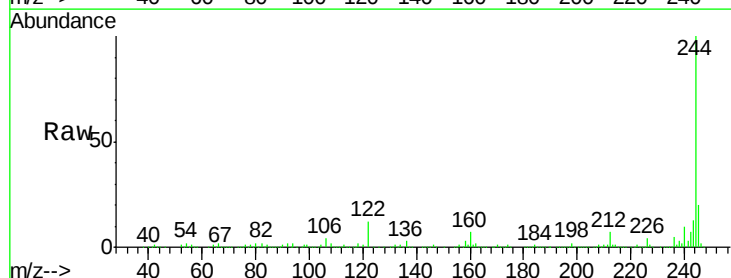


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

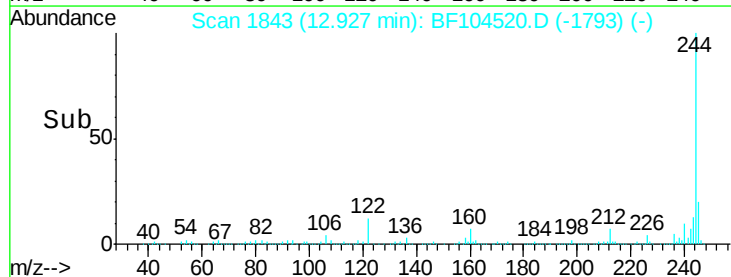
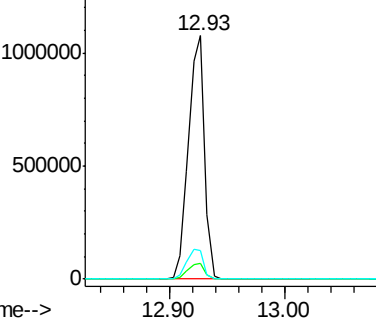


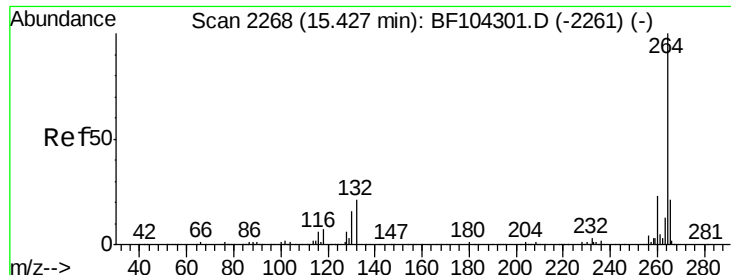
#78
Terphenyl-d14
Concen: 84.431 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:244 Resp: 1040044
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 12.0 11.0 16.4



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

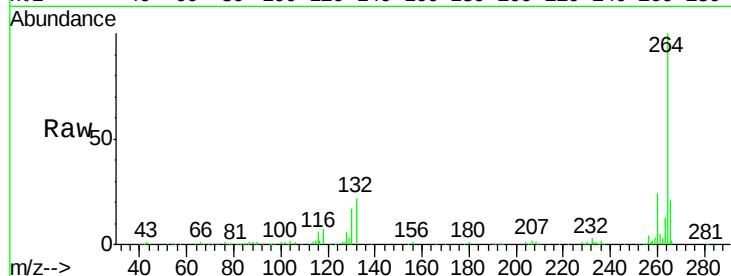




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF104520.D
 Acq: 14 Apr 2018 12:00

Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRC-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3



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

