

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105061.D
 Acq On : 3 May 2018 5:35
 Operator : JU/SJ
 Sample : J2684-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-D-S

Quant Time: May 03 07:14:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

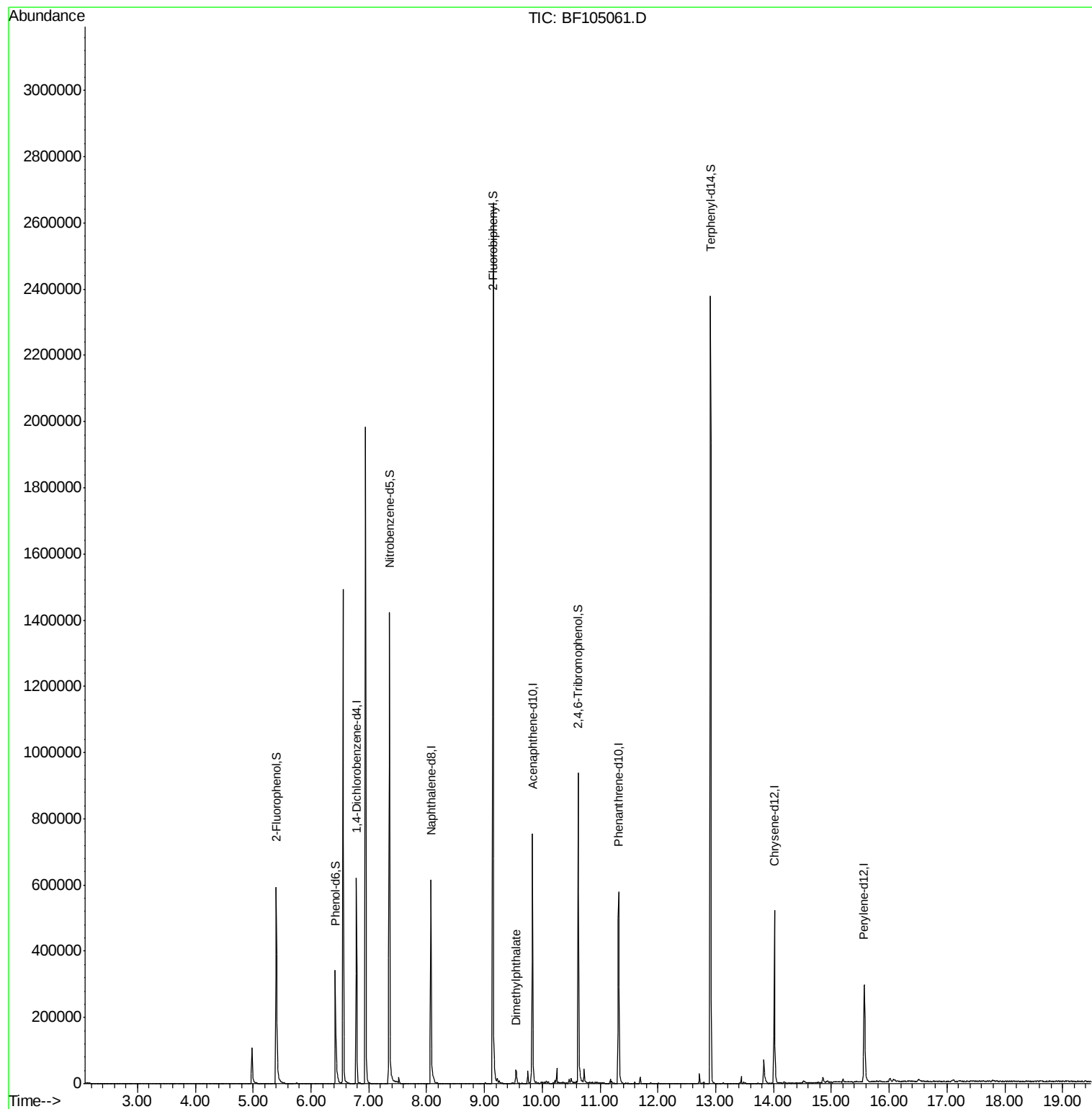
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89017	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	359177	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	154540	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	259787	20.00	ng	0.00
75) Chrysene-d12	14.02	240	214338	20.00	ng	-0.02
86) Perylene-d12	15.57	264	166732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	216850	37.25	ng	0.00
7) Phenol-d6	6.42	99	159921	22.36	ng	-0.02
23) Nitrobenzene-d5	7.36	82	524733	95.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	132280	82.52	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	943134	96.41	ng	0.00
78) Terphenyl-d14	12.91	244	865631	92.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	24626	2.021	ng	Qvalue # 99

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

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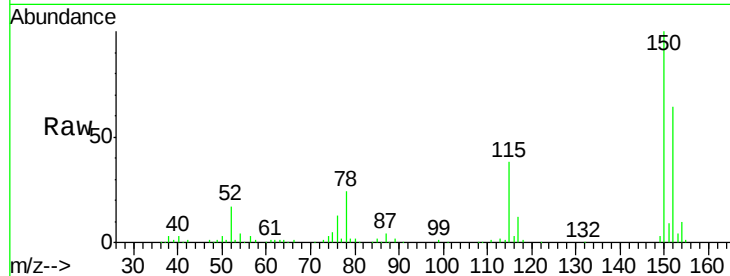


#1

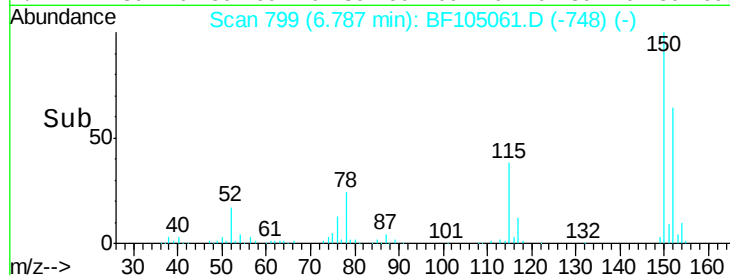
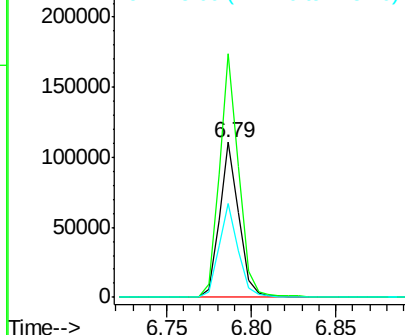
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105061.D
 Acq: 3 May 2018 5:35

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-D-S

Tot Ion:152 Resp: 89017
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 60.2 50.1 75.1



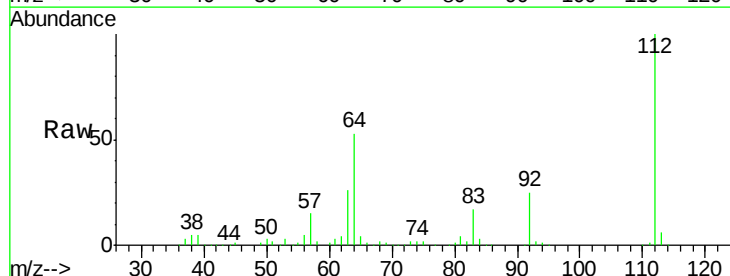
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



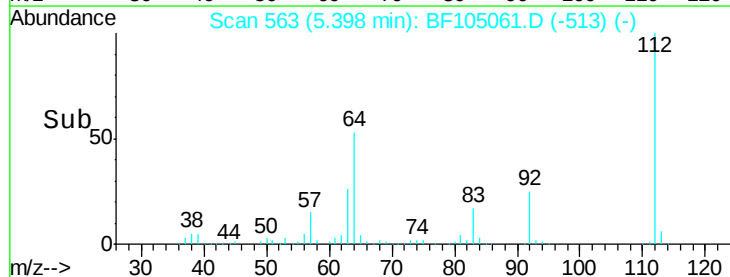
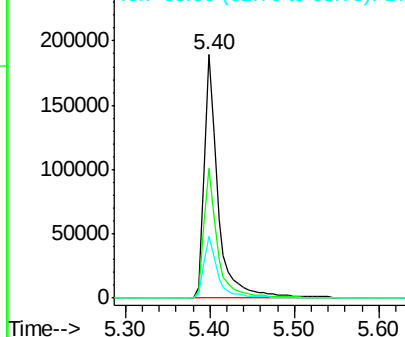
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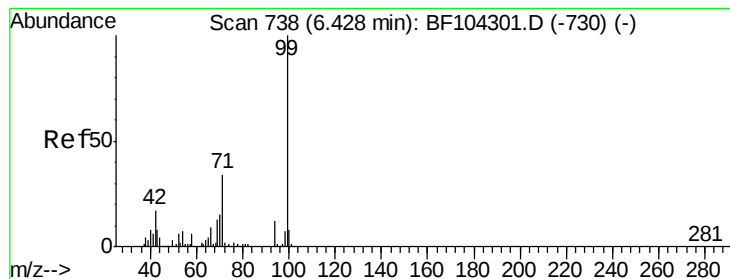
2-Fluorophenol
 Concen: 37.249 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF105061.D
 Acq: 3 May 2018 5:35

Tgt Ion:112 Resp: 216850
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 25.7 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: 22.357 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105061.D

Acq: 3 May 2018 5:35

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-D-S

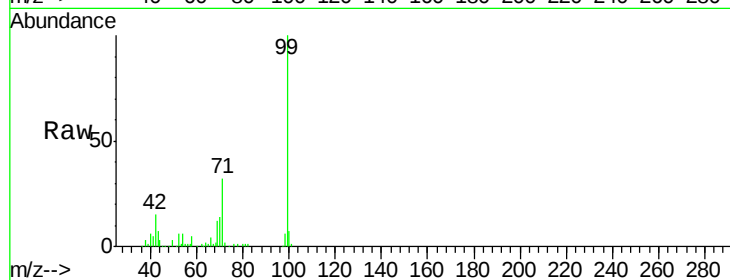
Tot Ion: 99 Resp: 159921

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

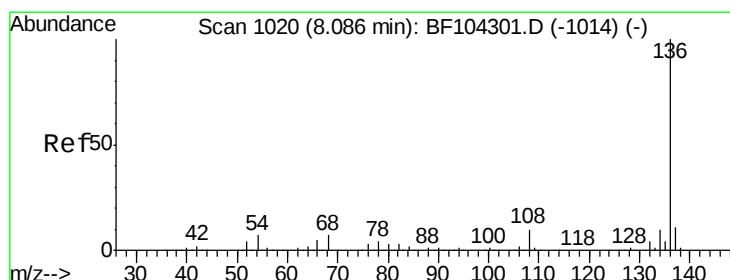
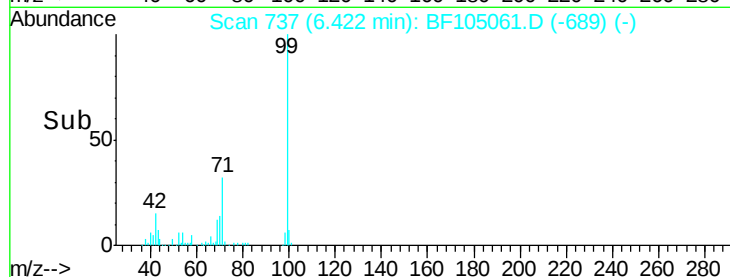
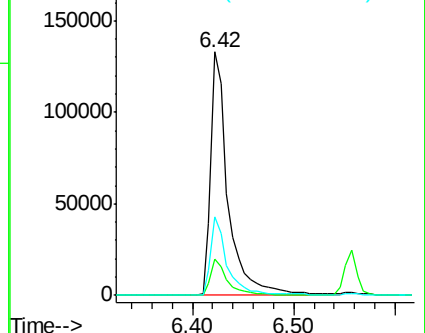
71 32.0 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105061.D

Acq: 3 May 2018 5:35

Tgt Ion: 136 Resp: 359177

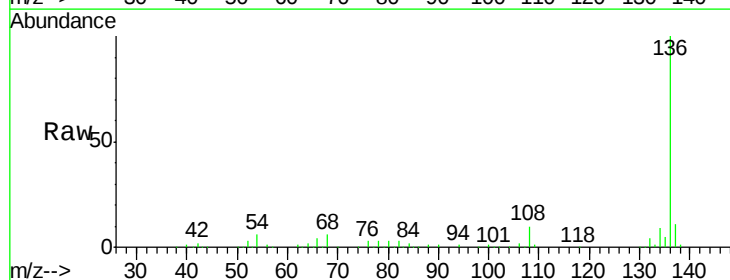
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.8 6.6 9.8#

68 5.5 5.0 7.4

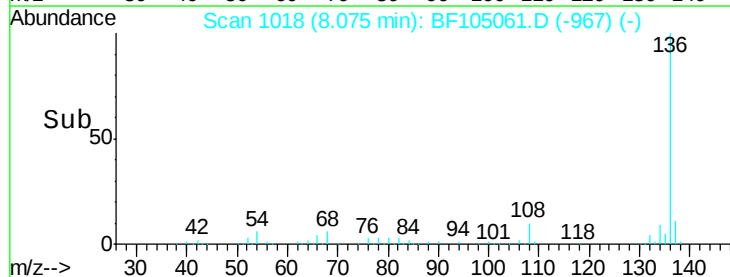
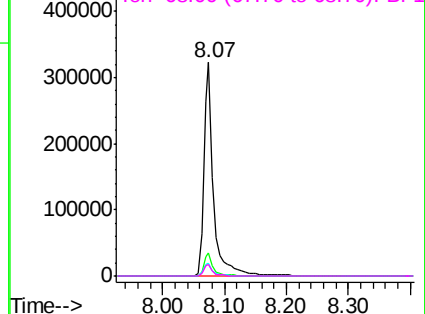


Abundance Ion 136.00 (135.70 to 136.70): E

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

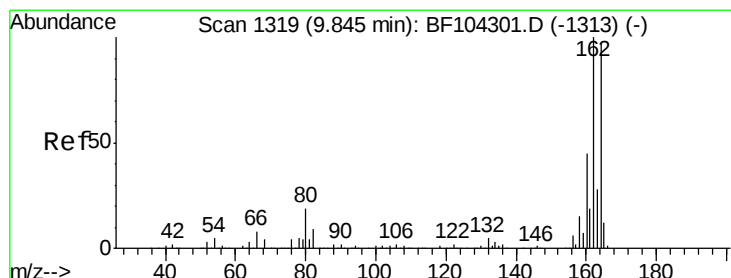
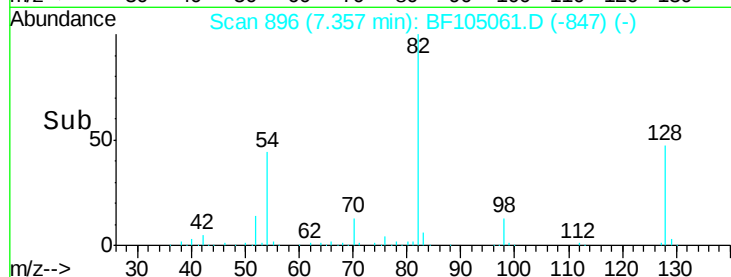
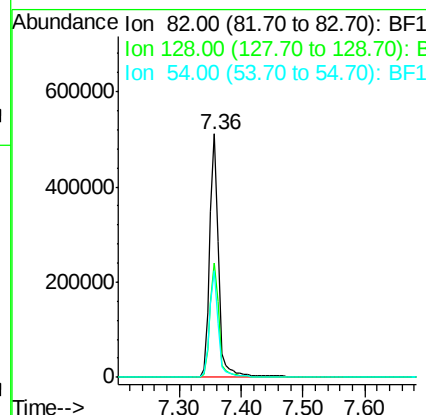
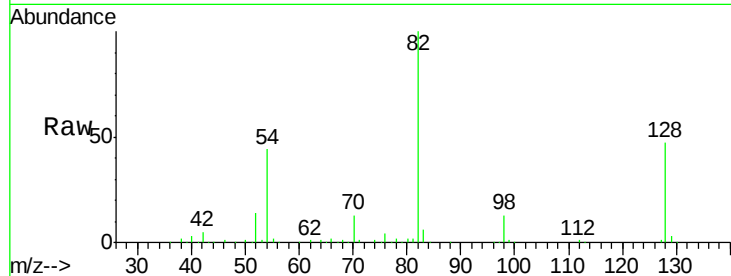




#23
Nitrobenzene-d5
Concen: 95.396 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

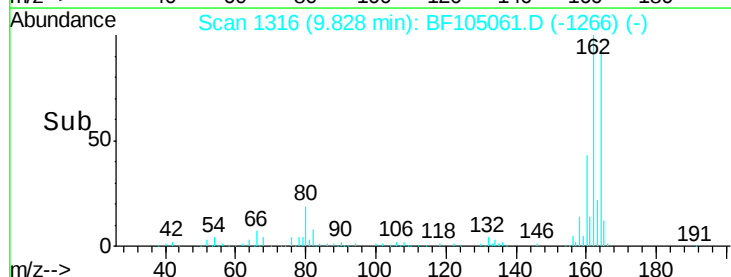
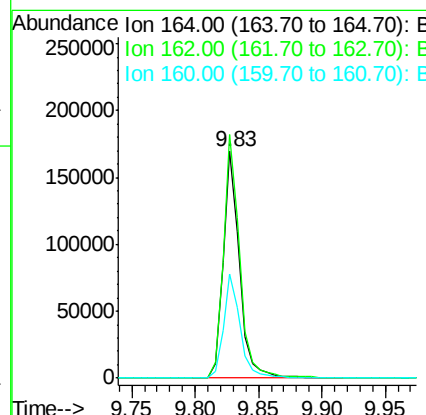
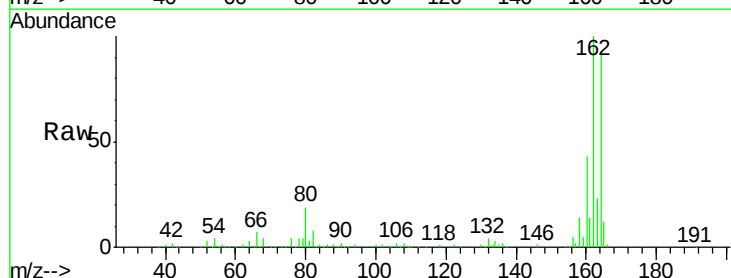
Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tot Ion: 82 Resp: 524733
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 44.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion: 164 Resp: 154540
Ion Ratio Lower Upper
164 100
162 107.5 86.1 129.1
160 46.0 38.3 57.5

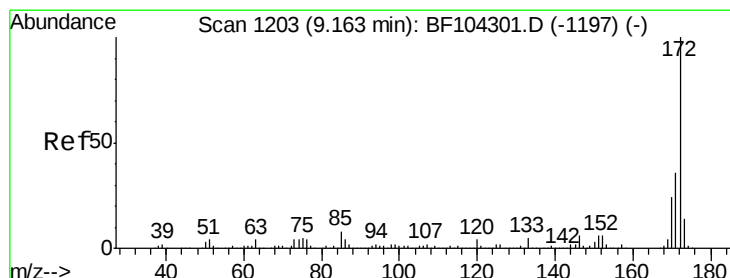
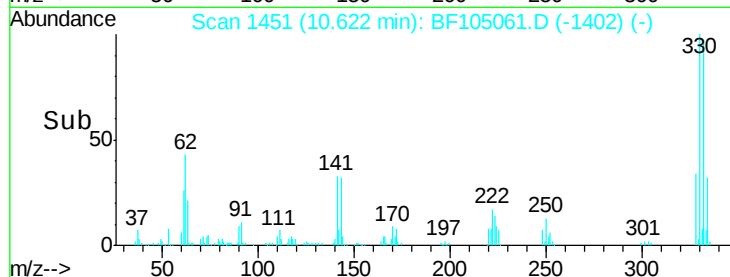
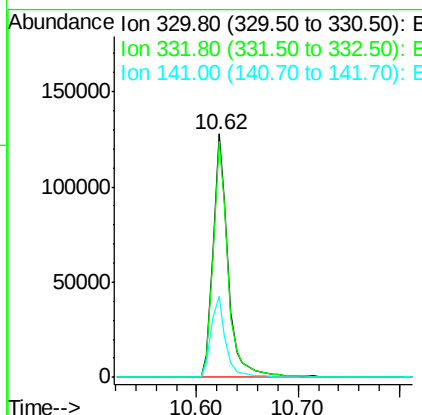
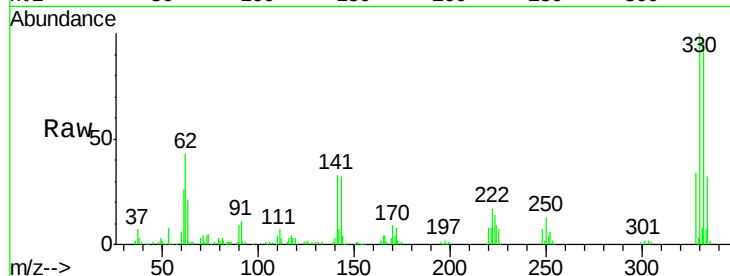




#41
 2,4,6-Tribromophenol
 Concen: 82.516 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105061.D
 Acq: 3 May 2018 5:35

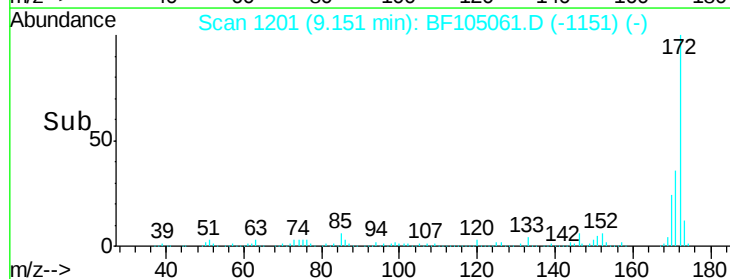
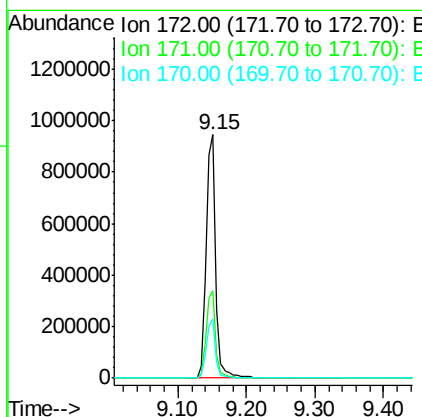
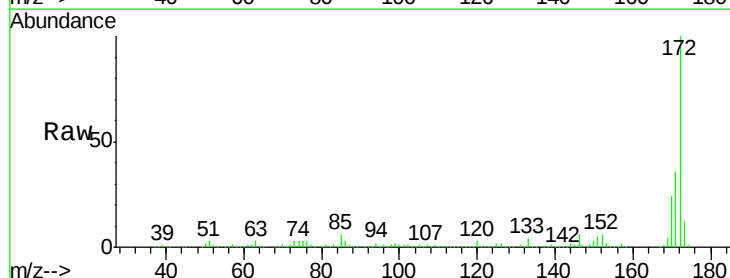
Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-D-S

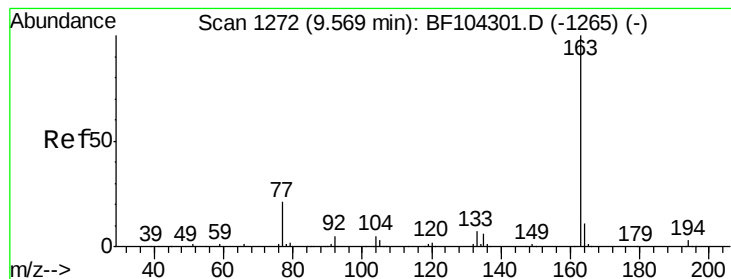
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.410 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105061.D
 Acq: 3 May 2018 5:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4





#49

Dimethylphthalate

Concen: 2.021 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105061.D

Acq: 3 May 2018 5:35

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-D-S

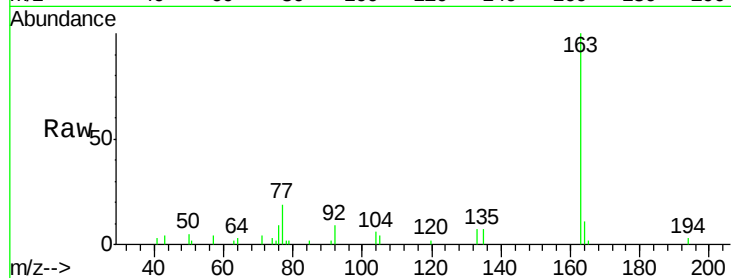
Tot Ion:163 Resp: 24626

Ion Ratio Lower Upper

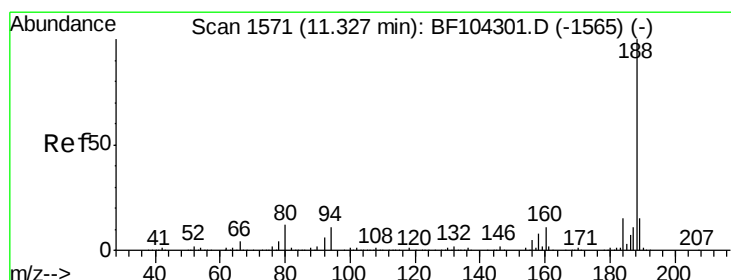
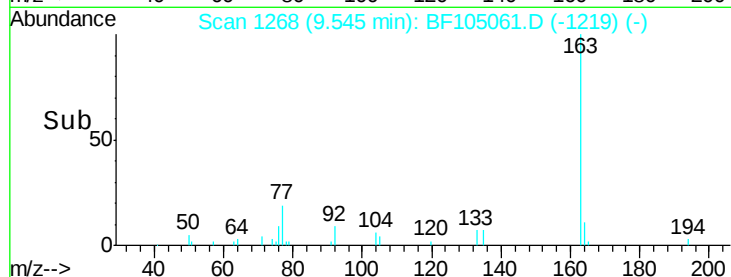
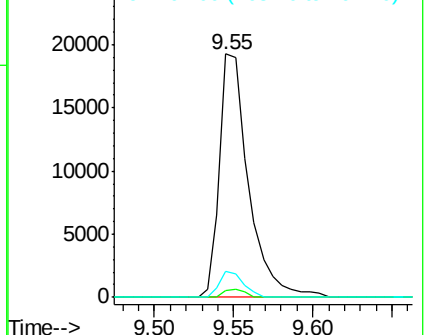
163 100

194 2.7 2.7 4.1#

164 10.6 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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF105061.D

Acq: 3 May 2018 5:35

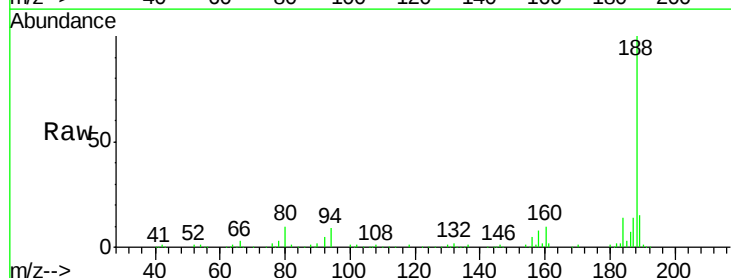
Tgt Ion:188 Resp: 259787

Ion Ratio Lower Upper

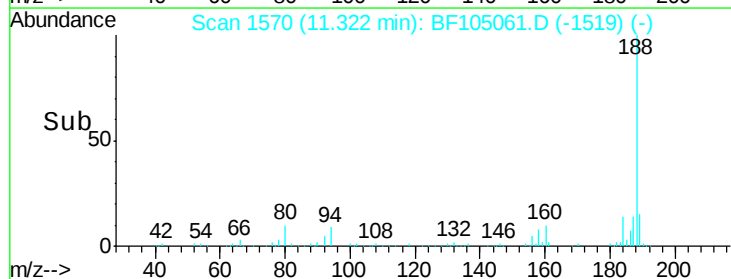
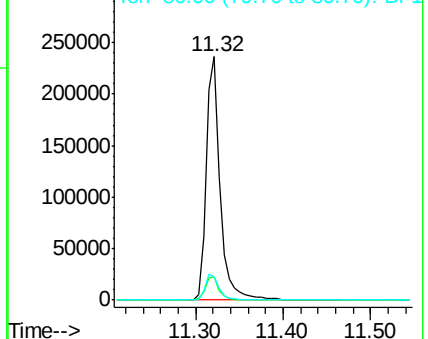
188 100

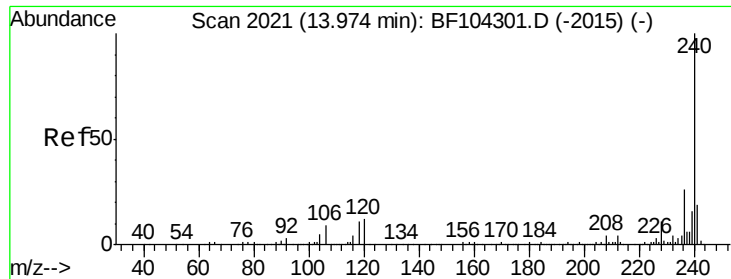
94 9.4 8.5 12.7

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

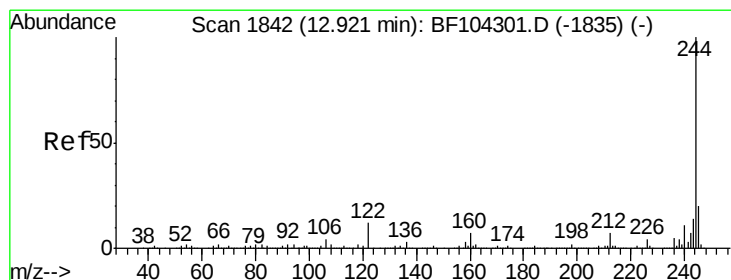
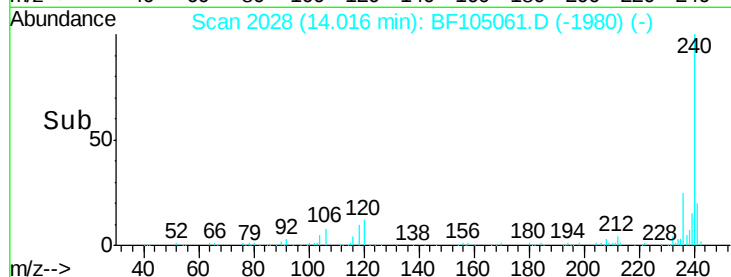
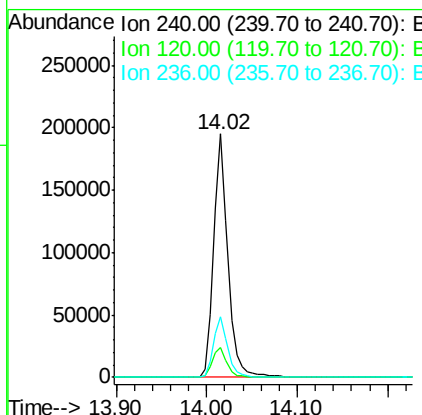
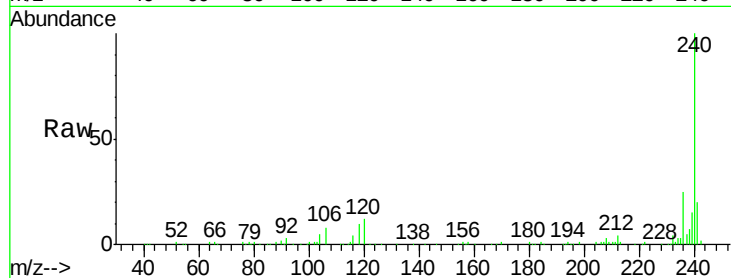




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

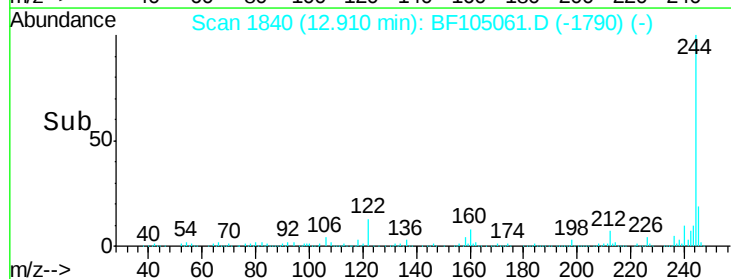
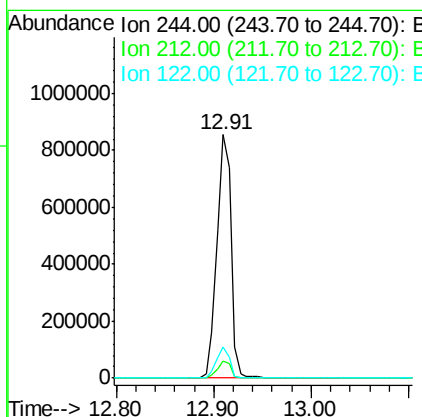
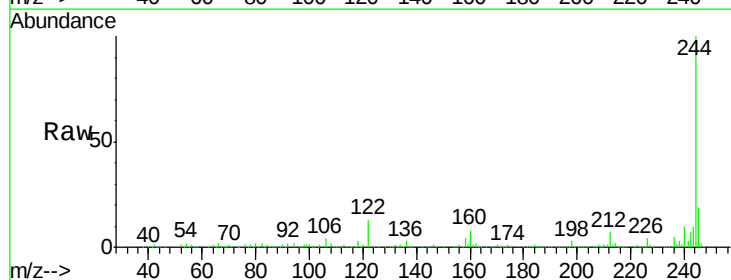
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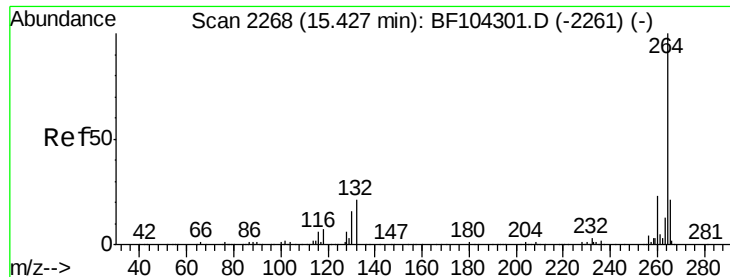
Tot Ion:240 Resp: 214338
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.0 20.7 31.1



#78
Terphenyl-d14
Concen: 92.074 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Tgt Ion:244 Resp: 865631
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.9 11.0 16.4

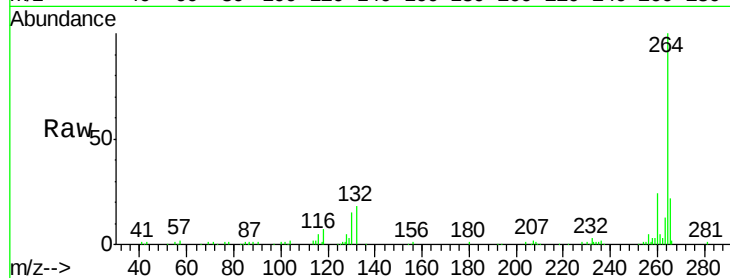




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BF105061.D
Acq: 3 May 2018 5:35

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	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

