

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105055.D
 Acq On : 3 May 2018 2:56
 Operator : JU/SJ
 Sample : J2684-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-D-B

Quant Time: May 03 07:21:33 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

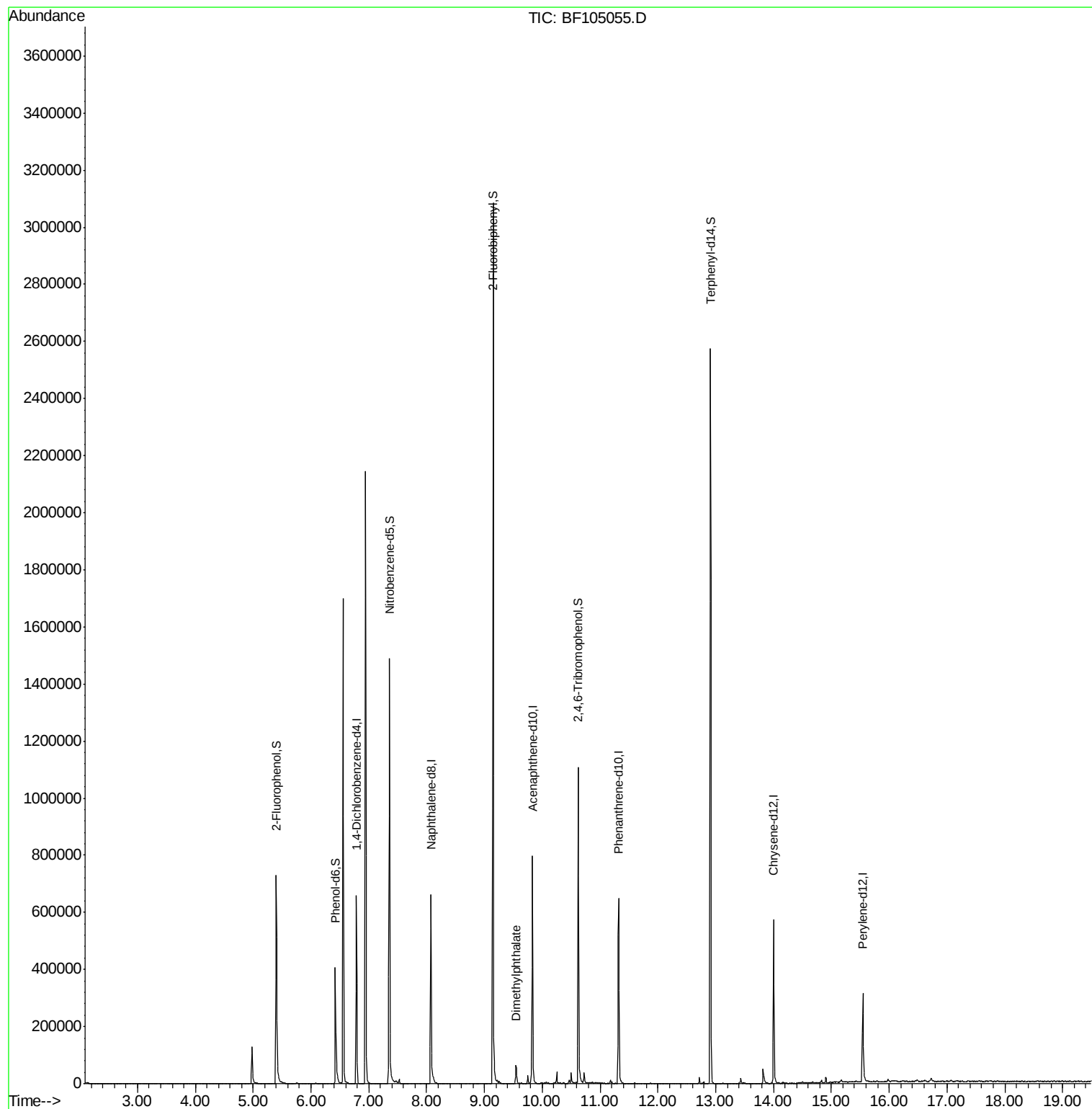
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91769	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	375201	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	164504	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	273069	20.00	ng	0.00
75) Chrysene-d12	14.00	240	223245	20.00	ng	-0.03
86) Perylene-d12	15.54	264	176440	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	254314	42.37	ng	0.00
7) Phenol-d6	6.42	99	189140	25.65	ng	-0.02
23) Nitrobenzene-d5	7.36	82	569423	99.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	151321	88.68	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1005330	96.54	ng	0.00
78) Terphenyl-d14	12.91	244	914106	93.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	36238	2.793	ng	100

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

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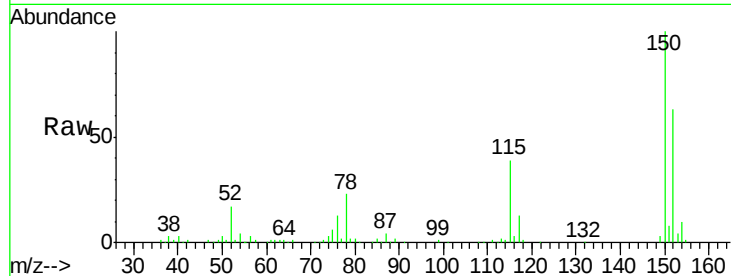


#1

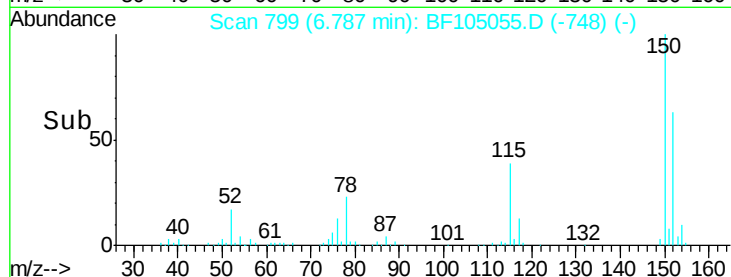
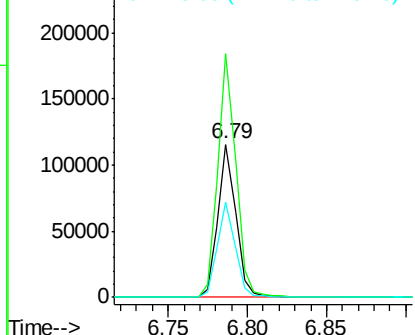
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tot Ion:152 Resp: 91769
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 62.4 50.1 75.1



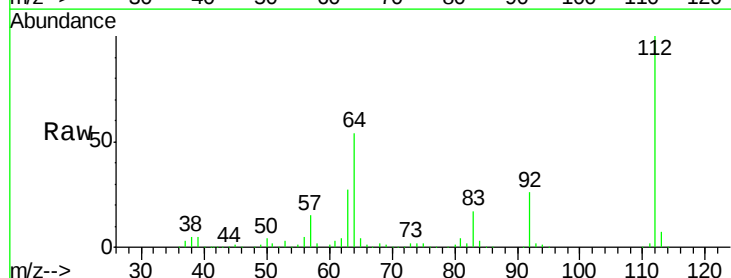
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



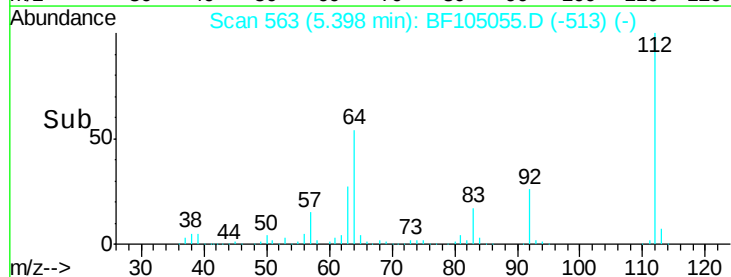
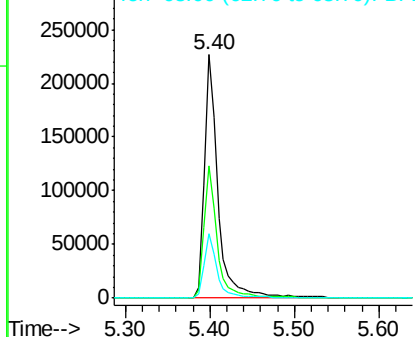
#5

2-Fluorophenol
Concen: 42.374 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:112 Resp: 254314
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 26.6 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: 25.649 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105055.D

Acq: 3 May 2018 2:56

Instrument :

BNA_F

ClientSampleId :

043018-SIDI-F-D-B

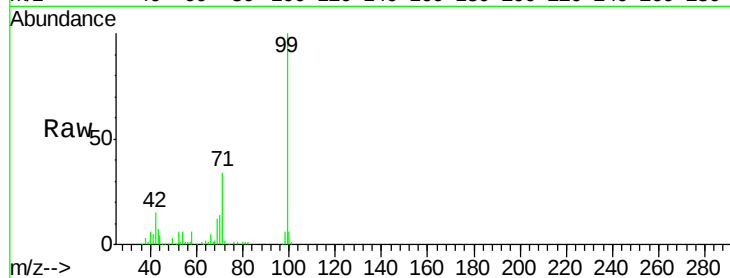
Tot Ion: 99 Resp: 189140

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

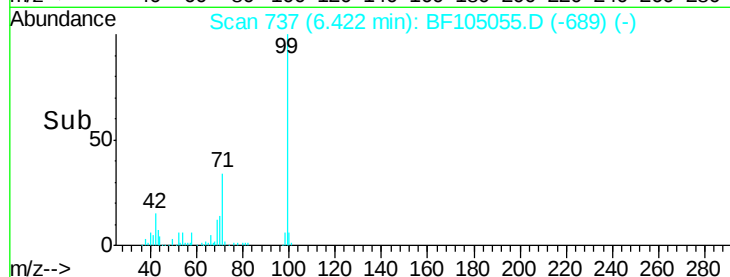
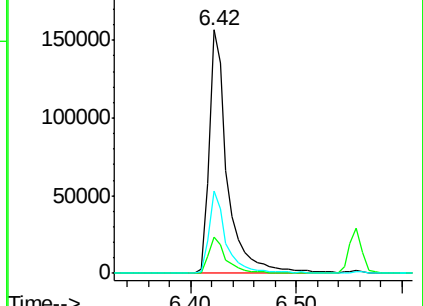
71 33.8 25.4 38.0



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: BF105055.D

Acq: 3 May 2018 2:56

Tgt Ion: 136 Resp: 375201

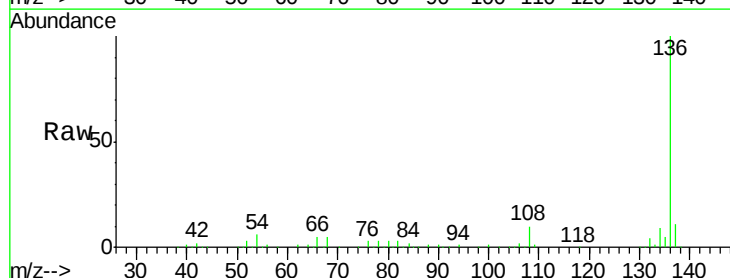
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.7 6.6 9.8#

68 5.3 5.0 7.4

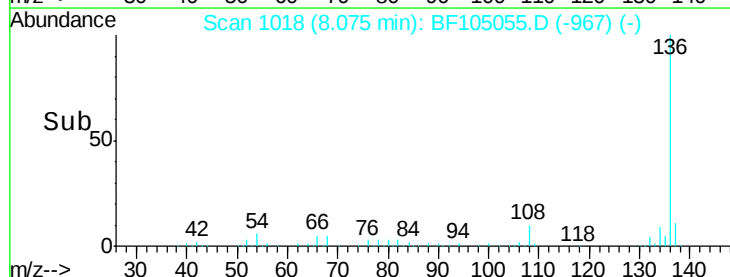
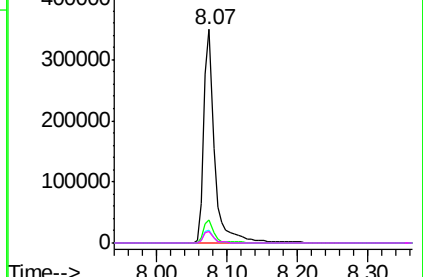


Abundance Ion 136.00 (135.70 to 136.70): E

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

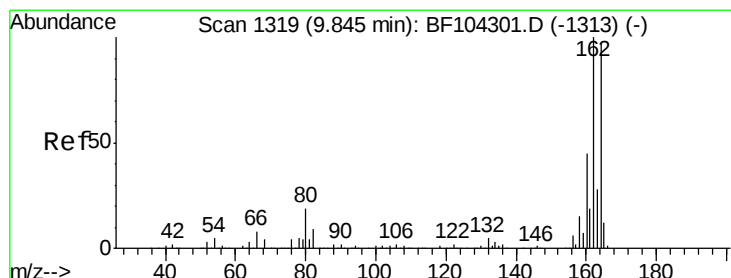
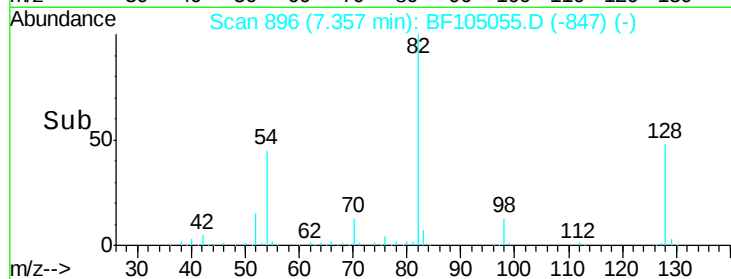
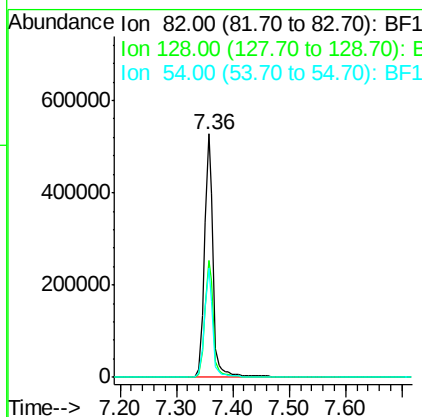
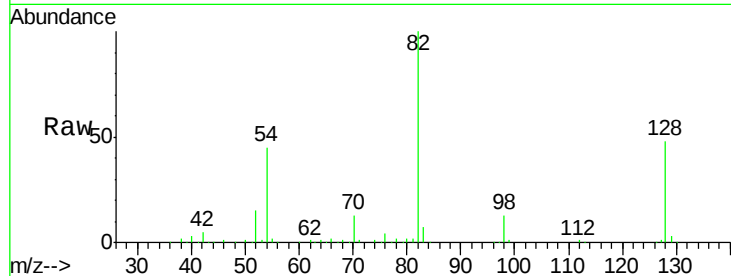




#23
 Nitrobenzene-d5
 Concen: 99.099 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

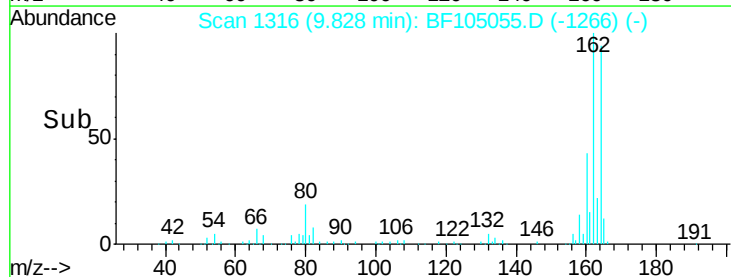
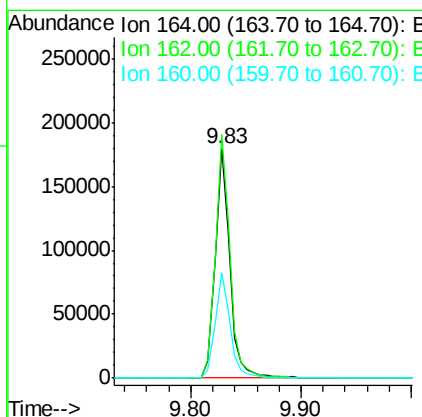
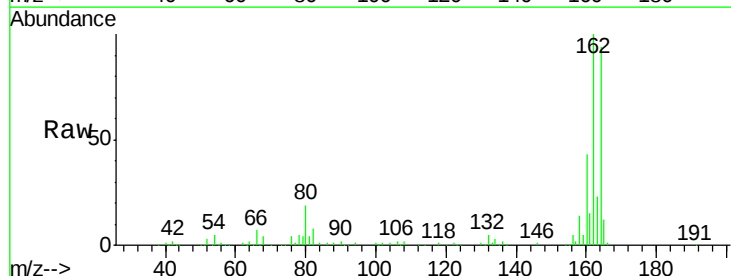
Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-D-B

Tot Ion: 82 Resp: 569423
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 44.8 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: BF105055.D
 Acq: 3 May 2018 2:56

Tgt Ion: 164 Resp: 164504
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 45.8 38.3 57.5

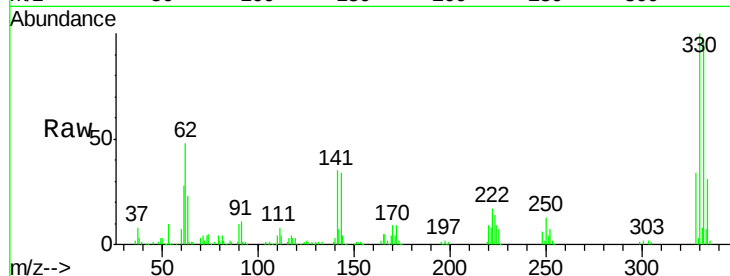




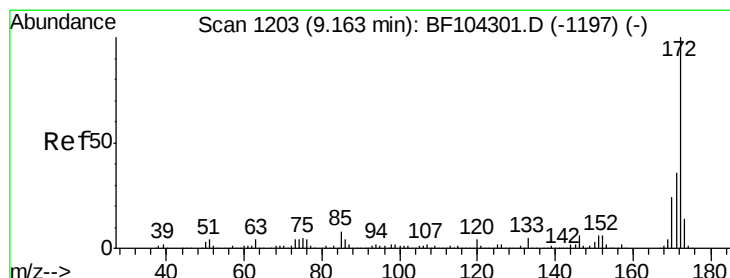
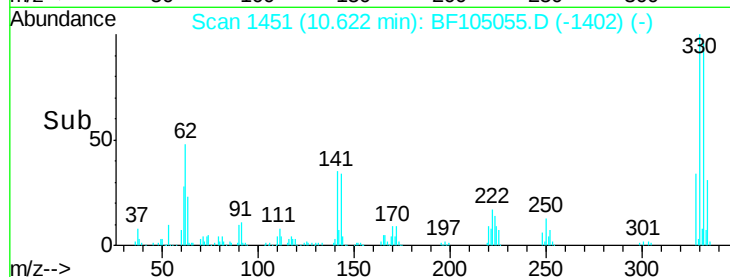
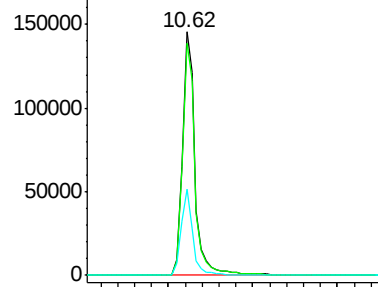
#41
 2,4,6-Tribromophenol
 Concen: 88.676 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

Instrument :
 BNA_F
 ClientSampleId :
 043018-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.3	29.9	44.9

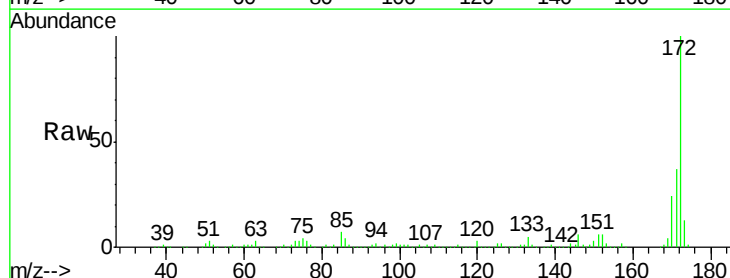


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

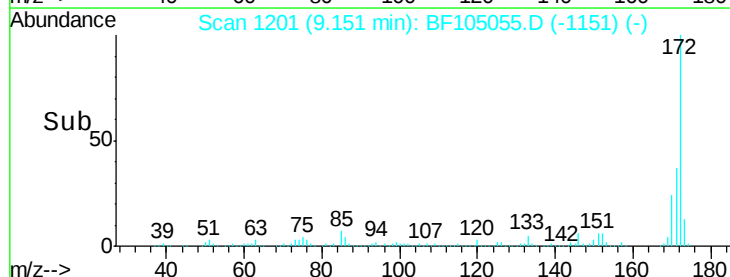
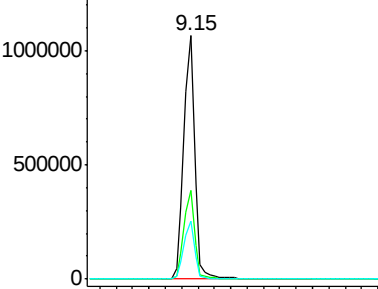


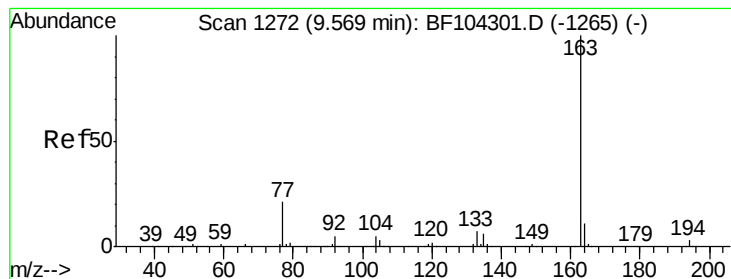
#44
 2-Fluorobiphenyl
 Concen: 96.543 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105055.D
 Acq: 3 May 2018 2:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.793 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105055.D

Acq: 3 May 2018 2:56

Instrument :

BNA_F

ClientSampleId :

043018-SIDI-F-D-B

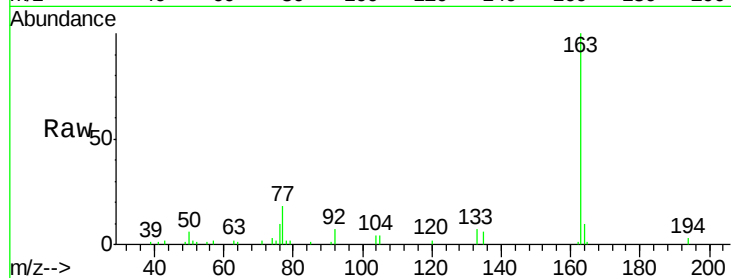
Tot Ion:163 Resp: 36238

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

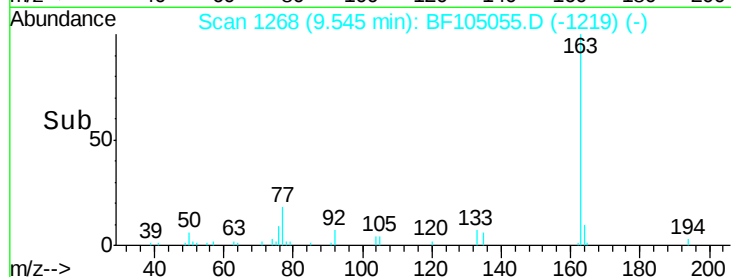
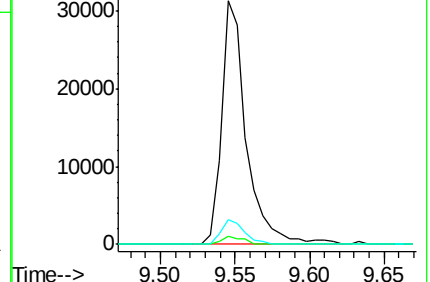
164 10.2 8.2 12.2



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: BF105055.D

Acq: 3 May 2018 2:56

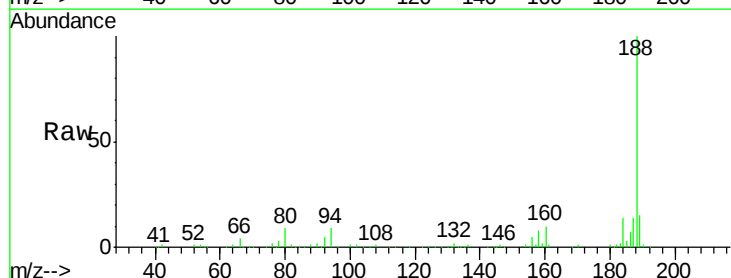
Tgt Ion:188 Resp: 273069

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

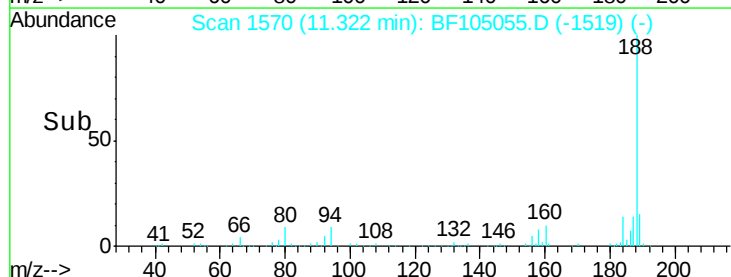
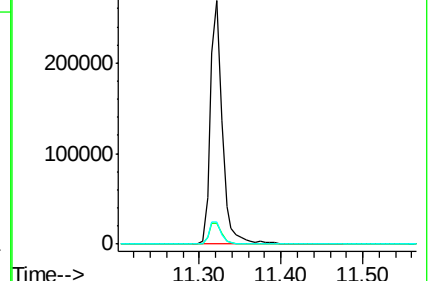
80 9.4 9.2 13.8

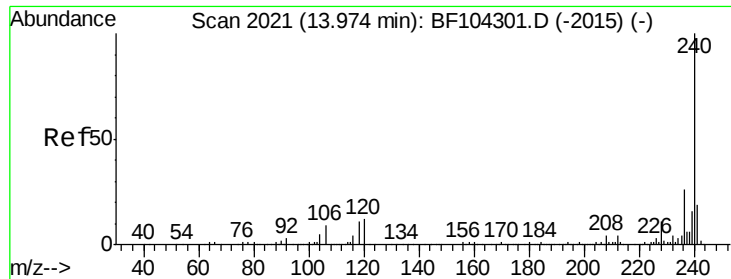


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

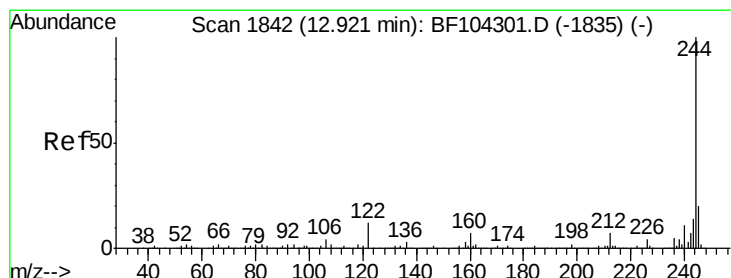
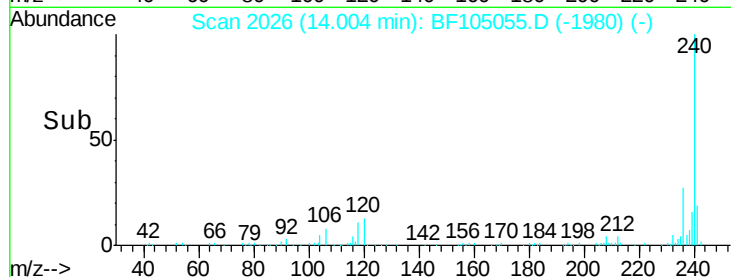
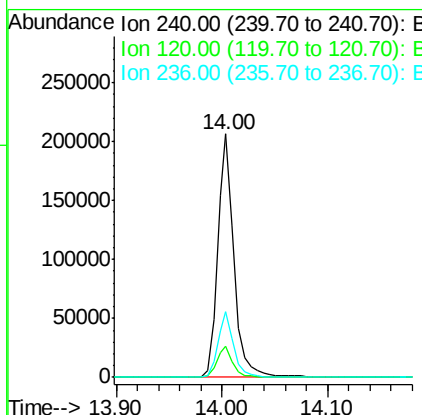
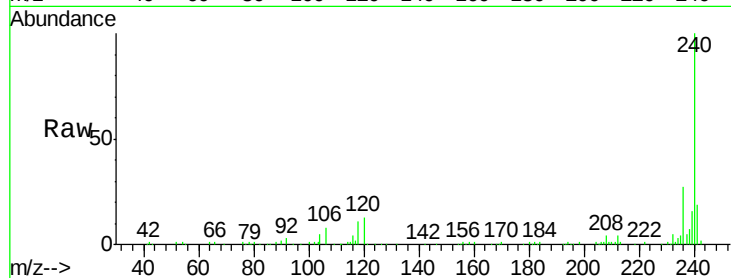




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

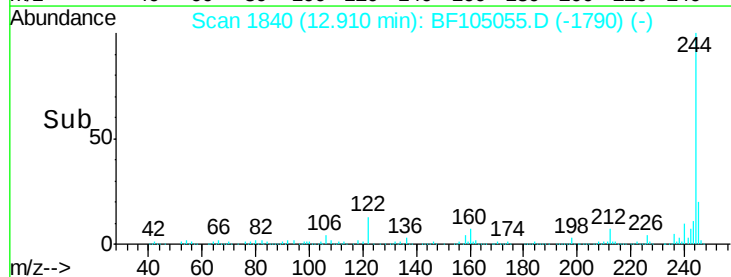
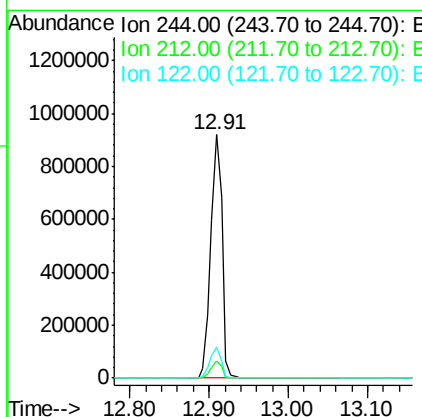
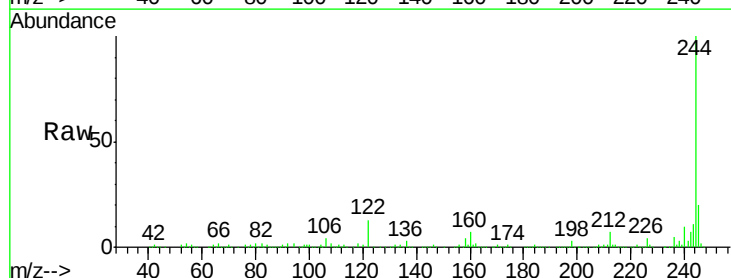
Instrument :
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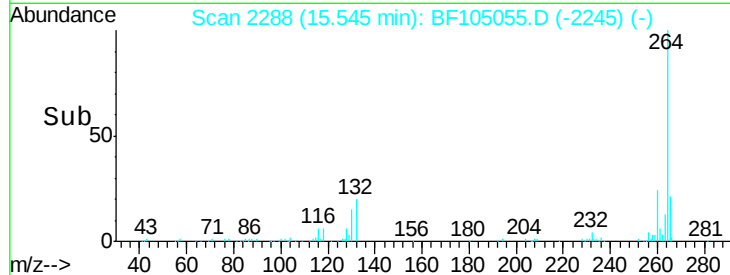
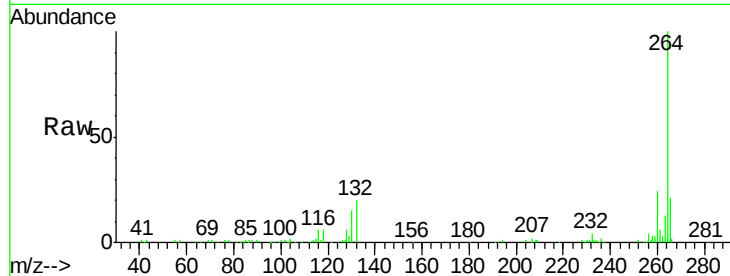
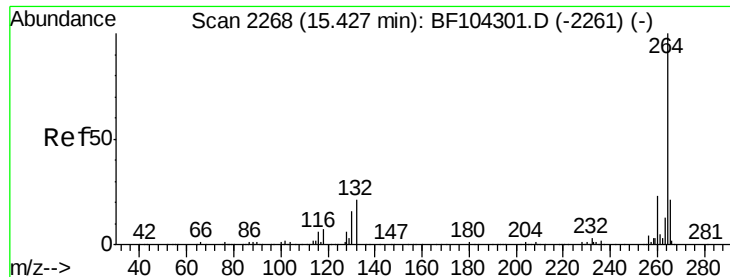
Tot Ion:240 Resp: 223245
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 27.1 20.7 31.1



#78
Terphenyl-d14
Concen: 93.351 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:244 Resp: 914106
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.0 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.05 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tot Ion:264	Resp:	176440
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.2 28.8
265	21.1	17.5 26.3

