

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104339.D
 Acq On : 7 Apr 2018 6:20
 Operator : JU/SJ
 Sample : J2225-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040218-SIDI-F-U-B

Quant Time: Apr 09 00:55:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

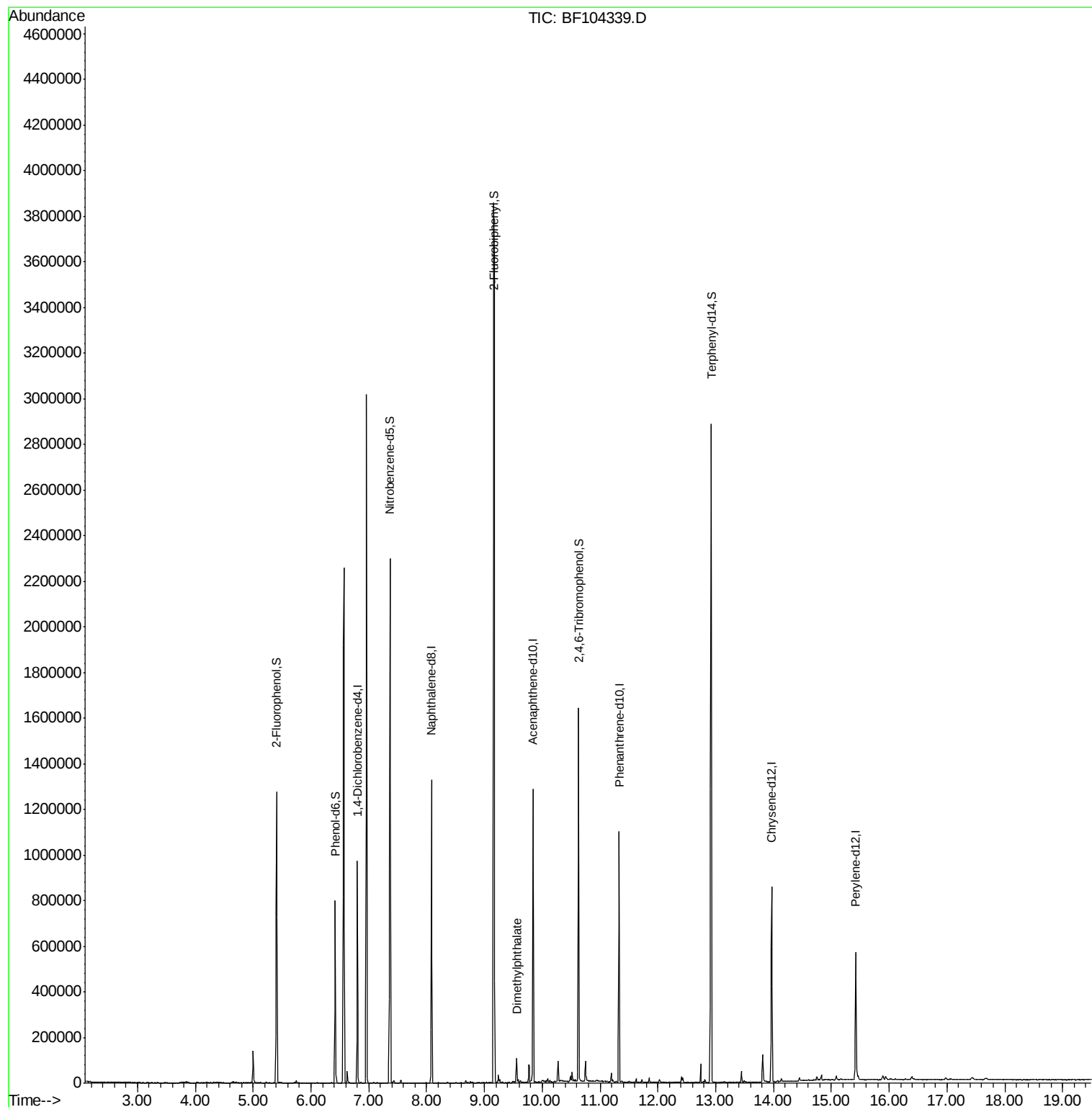
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136876	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	543999	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	235915	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	349001	20.00	ng	0.00
75) Chrysene-d12	13.97	240	267134	20.00	ng	0.00
86) Perylene-d12	15.42	264	242167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	331177	37.00	ng	0.00
7) Phenol-d6	6.42	99	245398	22.31	ng	-0.01
23) Nitrobenzene-d5	7.37	82	830285	99.66	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	183175	74.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1371242	91.82	ng	0.00
78) Terphenyl-d14	12.92	244	987259	84.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	37561	2.019	ng	Qvalue 100

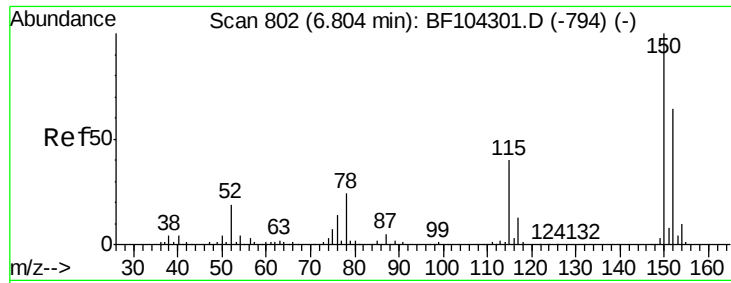
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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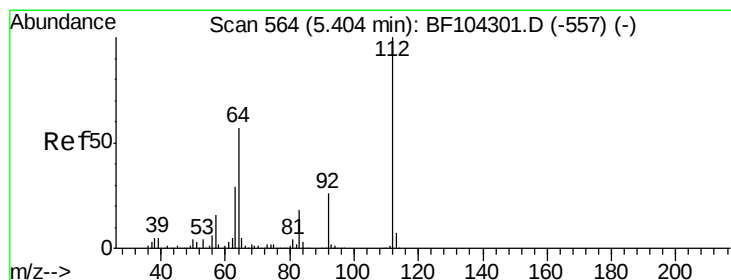
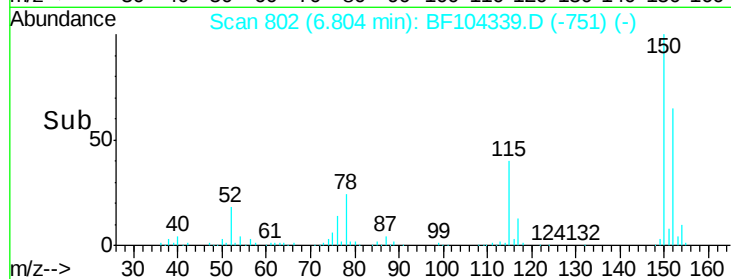
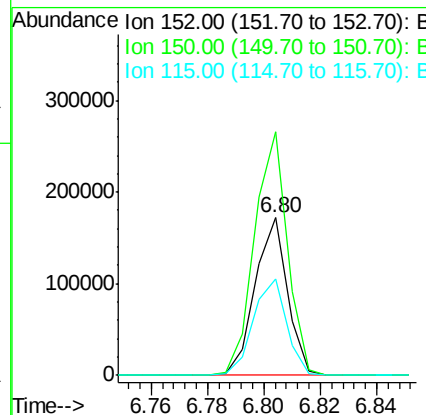
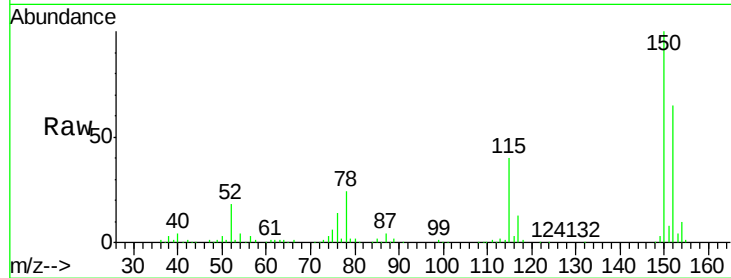


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104339.D
Acq: 7 Apr 2018 6:20

Instrument :
BNA_F
ClientSampleId :
040218-SIDI-F-U-B

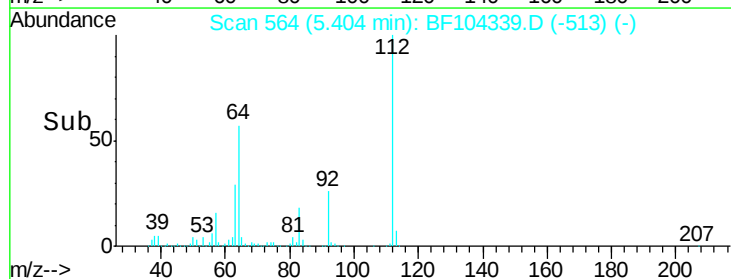
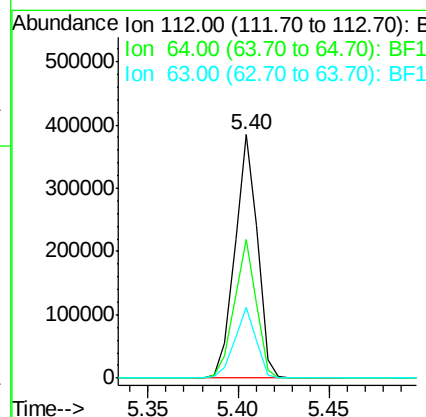
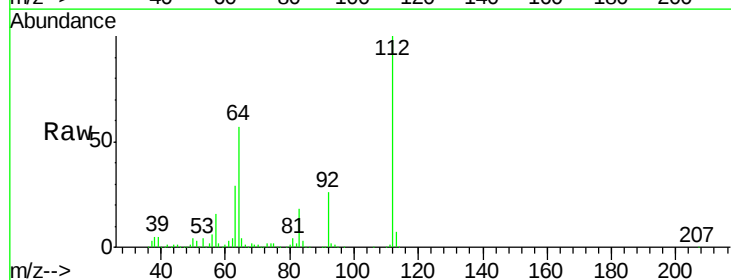
Tot Ion:152 Resp: 136876
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 61.3 50.1 75.1



#5

2-Fluorophenol
Concen: 36.996 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104339.D
Acq: 7 Apr 2018 6:20

Tgt Ion:112 Resp: 331177
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 22.312 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104339.D

Acq: 7 Apr 2018 6:20

Instrument :

BNA_F

ClientSampleId :

040218-SIDI-F-U-B

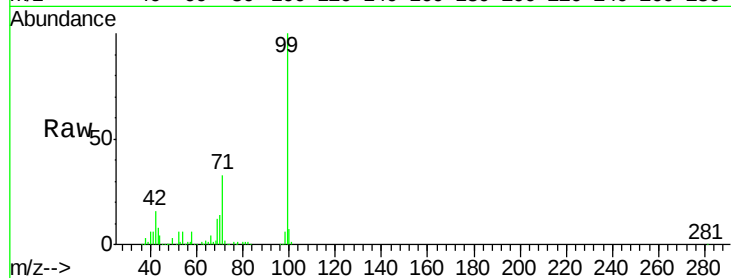
Tot Ion: 99 Resp: 245398

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

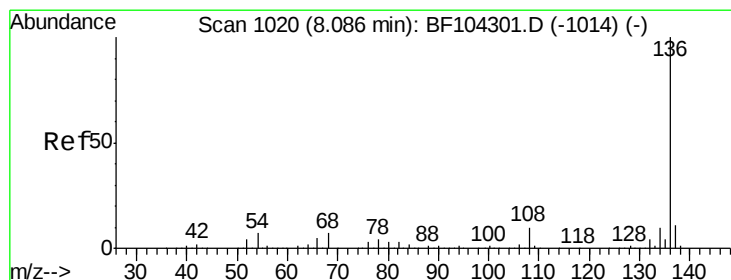
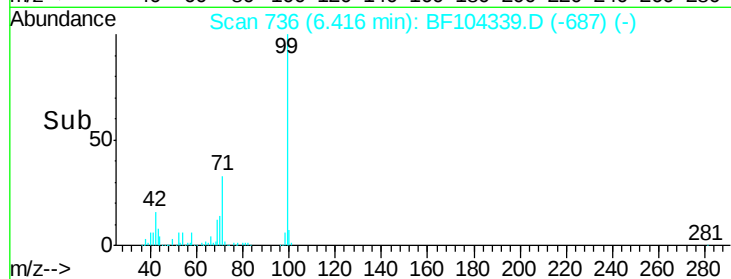
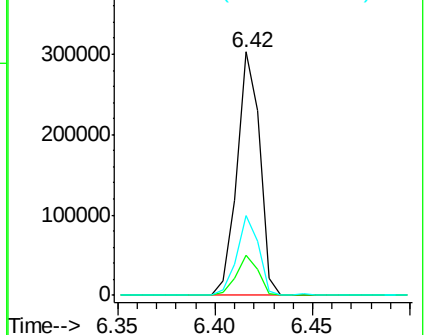
71 32.6 25.4 38.0



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# 1020

Delta R.T. -0.00 min

Lab File: BF104339.D

Acq: 7 Apr 2018 6:20

Tgt Ion: 136 Resp: 543999

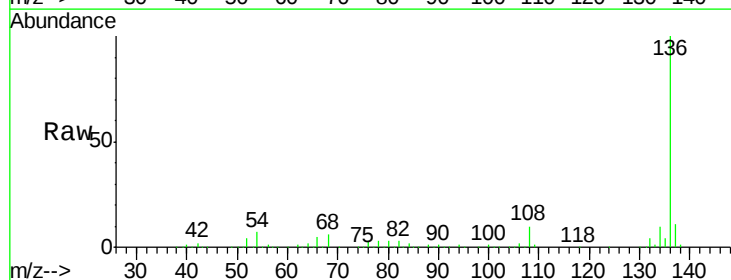
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 6.2 5.0 7.4

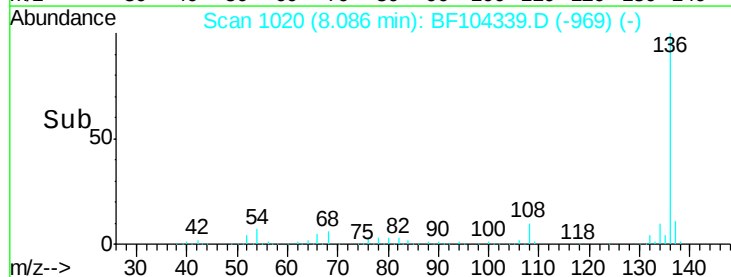
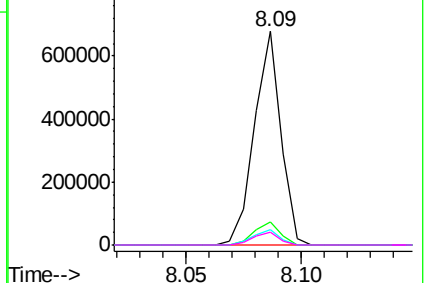


Abundance Ion 136.00 (135.70 to 136.70): E

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

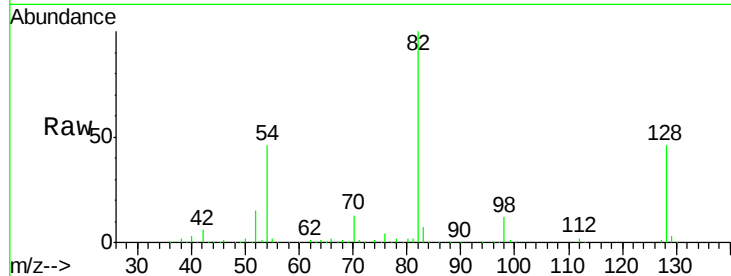




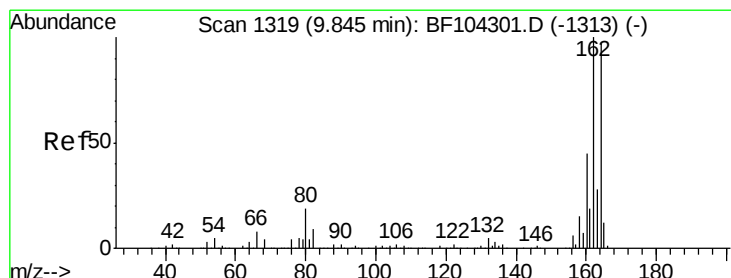
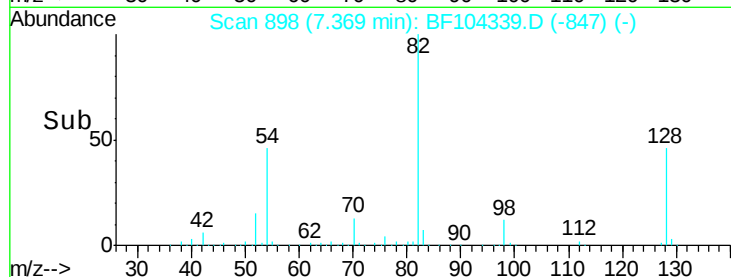
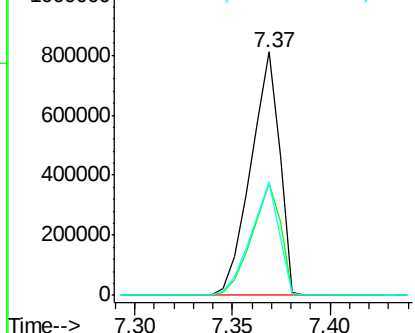
#23
 Nitrobenzene-d5
 Concen: 99.662 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF104339.D
 Acq: 7 Apr 2018 6:20

Instrument :
 BNA_F
 ClientSampleId :
 040218-SIDI-F-U-B

Tot Ion: 82 Resp: 830285
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 46.2 41.4 62.2

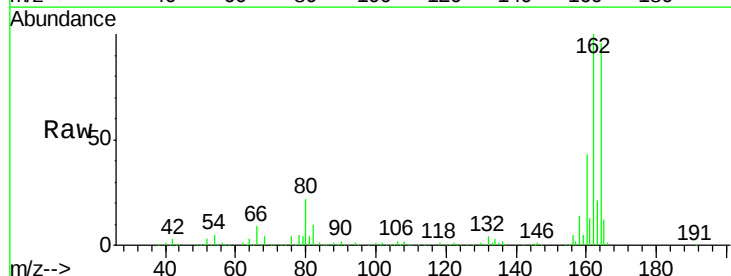


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

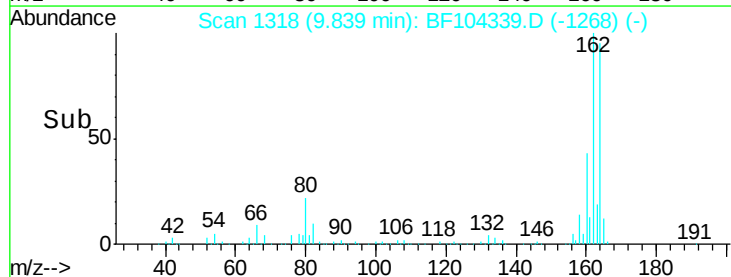
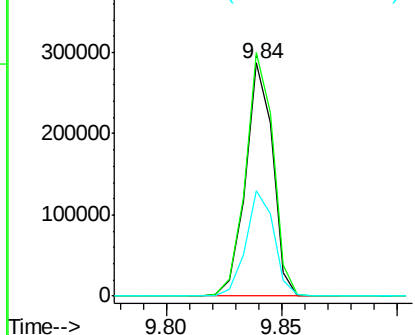


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104339.D
 Acq: 7 Apr 2018 6:20

Tgt Ion: 164 Resp: 235915
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 45.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

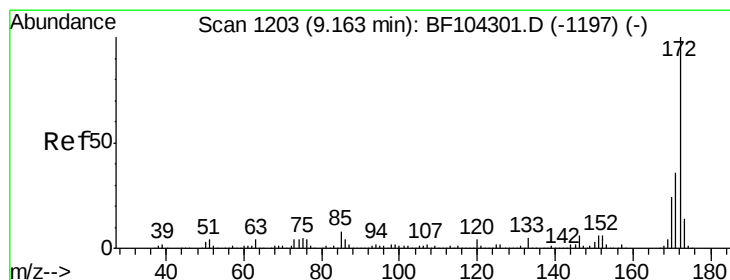
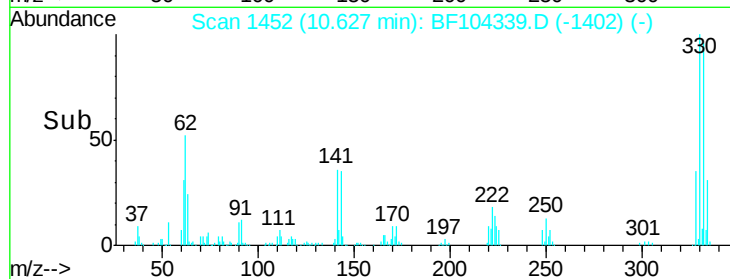
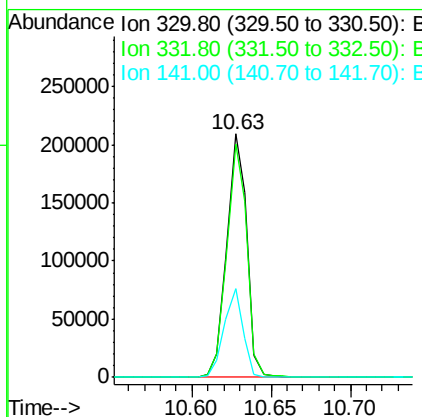
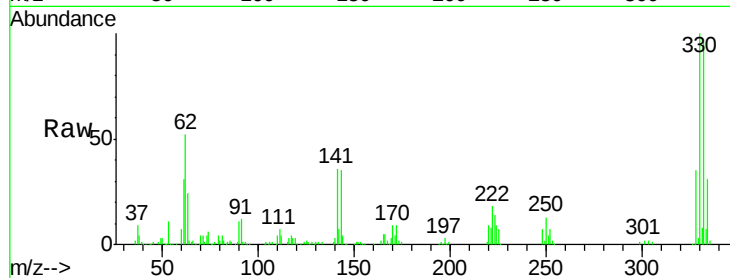




#41
 2,4,6-Tribromophenol
 Concen: 74.851 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104339.D
 Acq: 7 Apr 2018 6:20

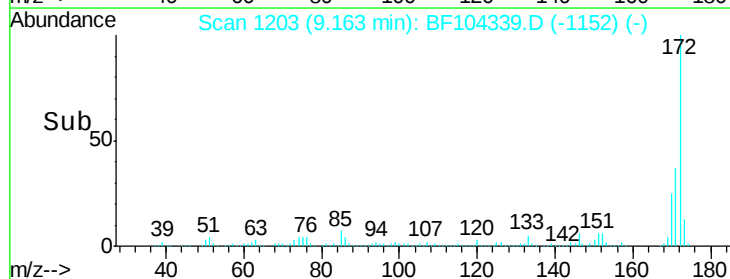
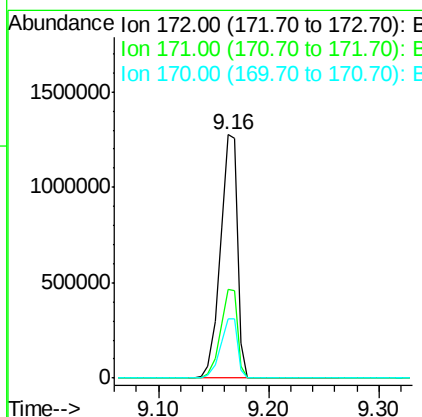
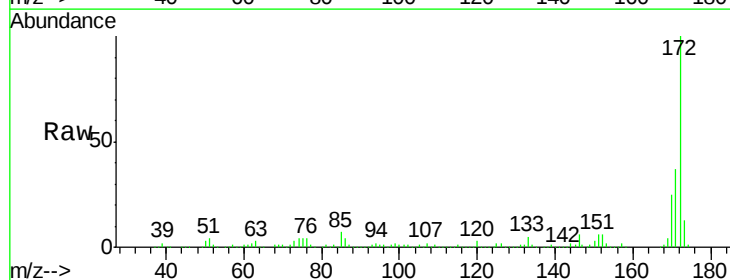
Instrument :
 BNA_F
 ClientSampleId :
 040218-SIDI-F-U-B

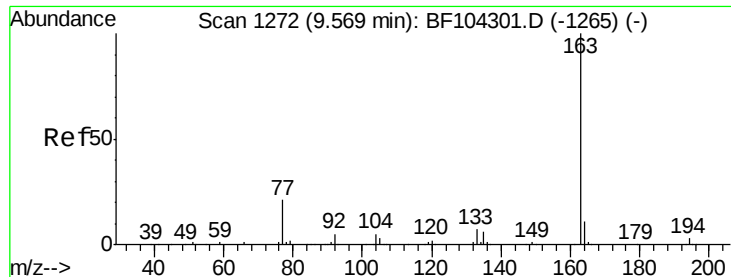
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.822 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104339.D
 Acq: 7 Apr 2018 6:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

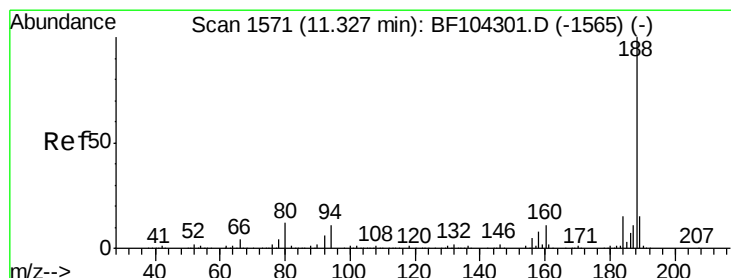
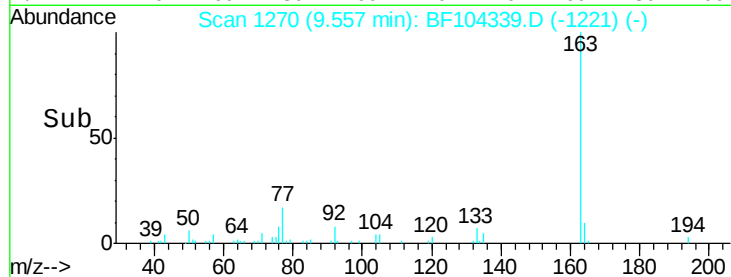
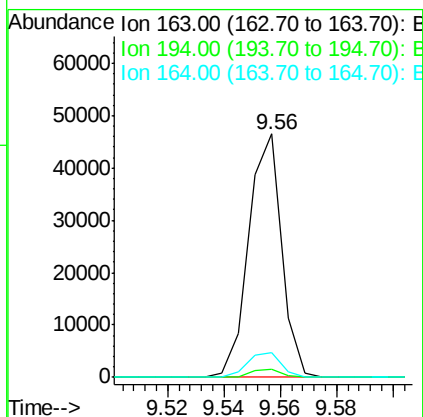
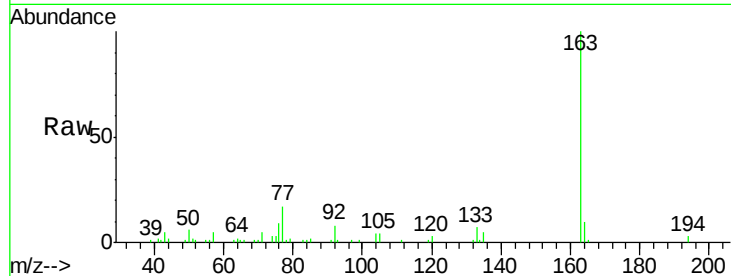




#49
Dimethylphthalate
Concen: 2.019 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104339.D
Acq: 7 Apr 2018 6:20

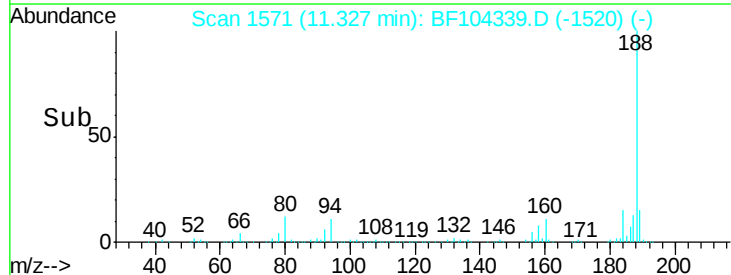
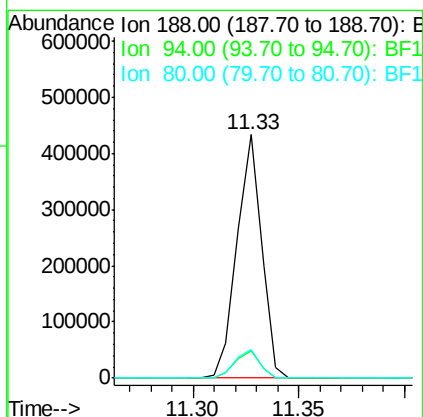
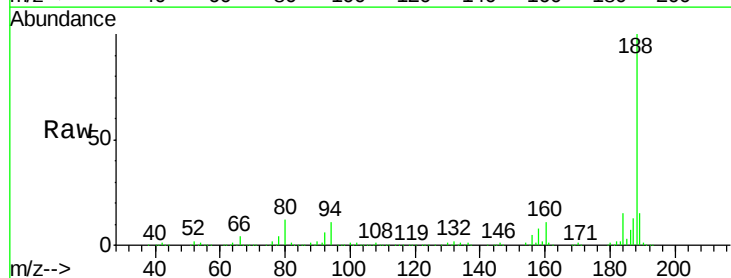
Instrument :
BNA_F
ClientSampleId :
040218-SIDI-F-U-B

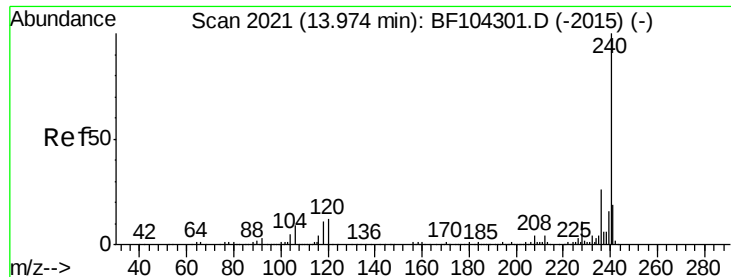
Tot Ion:163 Resp: 37561
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.2 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104339.D
Acq: 7 Apr 2018 6:20

Tgt Ion:188 Resp: 349001
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104339.D

Acq: 7 Apr 2018 6:20

Instrument :

BNA_F

ClientSampleId :

040218-SIDI-F-U-B

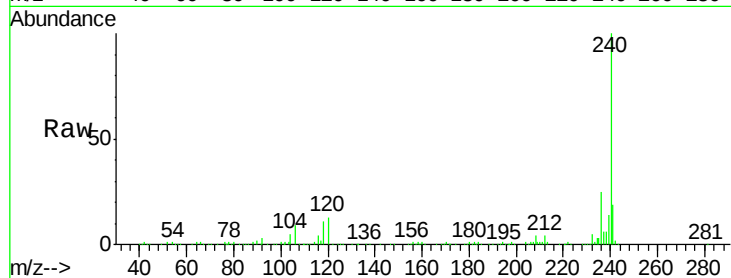
Tot Ion:240 Resp: 267134

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

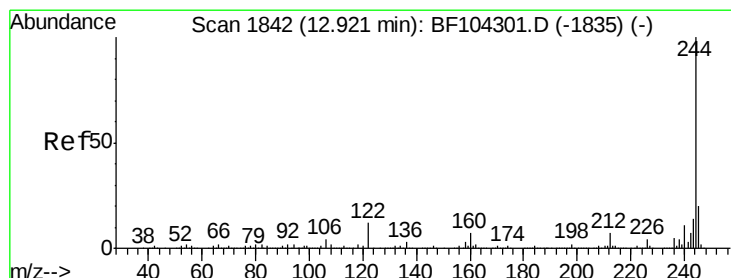
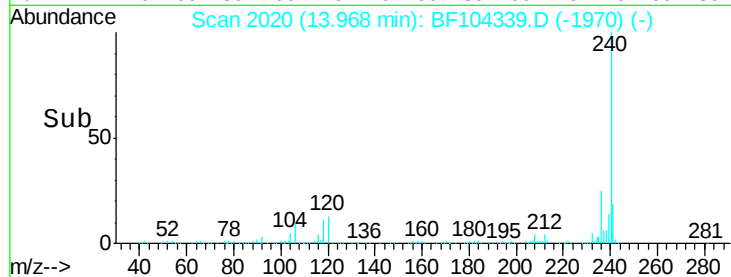
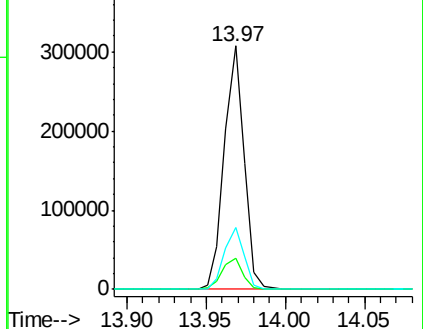
236 25.4 20.7 31.1



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: 84.257 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104339.D

Acq: 7 Apr 2018 6:20

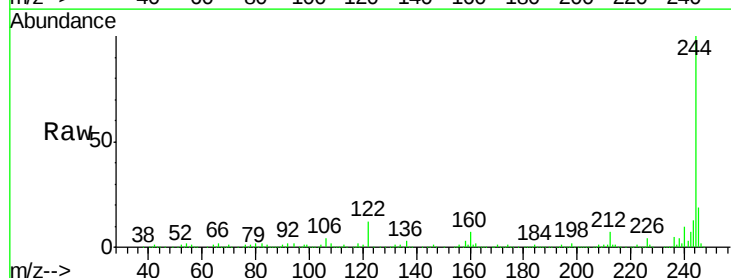
Tgt Ion:244 Resp: 987259

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

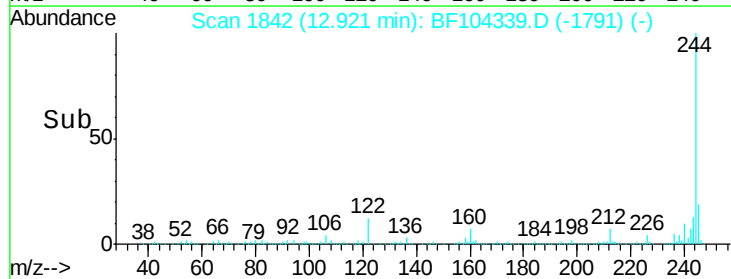
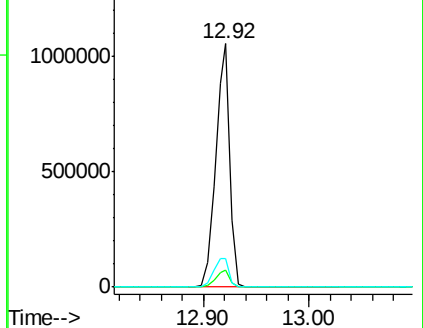
122 11.9 11.0 16.4

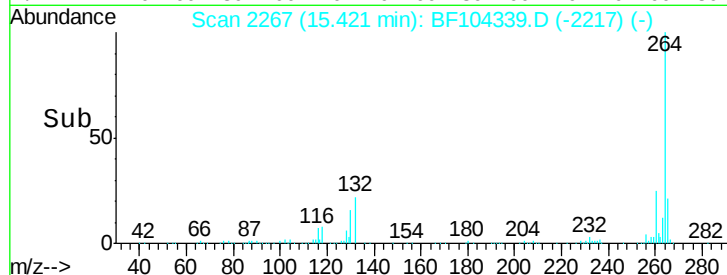
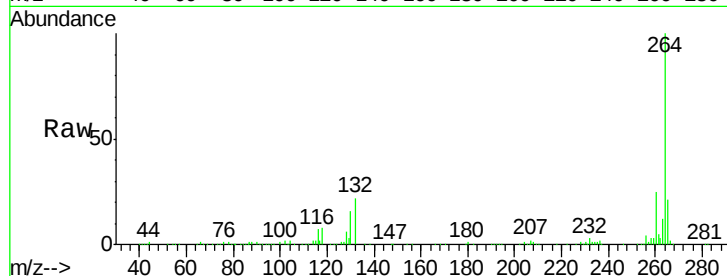
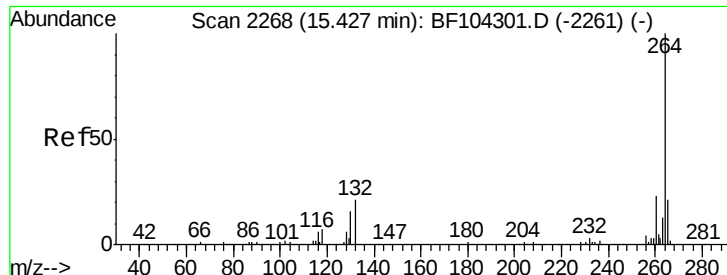


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
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 Acq: 7 Apr 2018 6:20

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Tot Ion:	264	Resp:	242167
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.1	17.5	26.3

