

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104340.D
 Acq On : 7 Apr 2018 6:46
 Operator : JU/SJ
 Sample : J2225-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Apr 09 00:58:00 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	149303	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588421	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	251516	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	378590	20.00	ng	0.00
75) Chrysene-d12	13.97	240	283678	20.00	ng	0.00
86) Perylene-d12	15.43	264	259538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	392796	40.23	ng	0.00
7) Phenol-d6	6.42	99	294262	24.53	ng	-0.01
23) Nitrobenzene-d5	7.37	82	910385	101.03	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	205841	78.90	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1457032	91.51	ng	0.00
78) Terphenyl-d14	12.92	244	1084101	87.13	ng	0.00

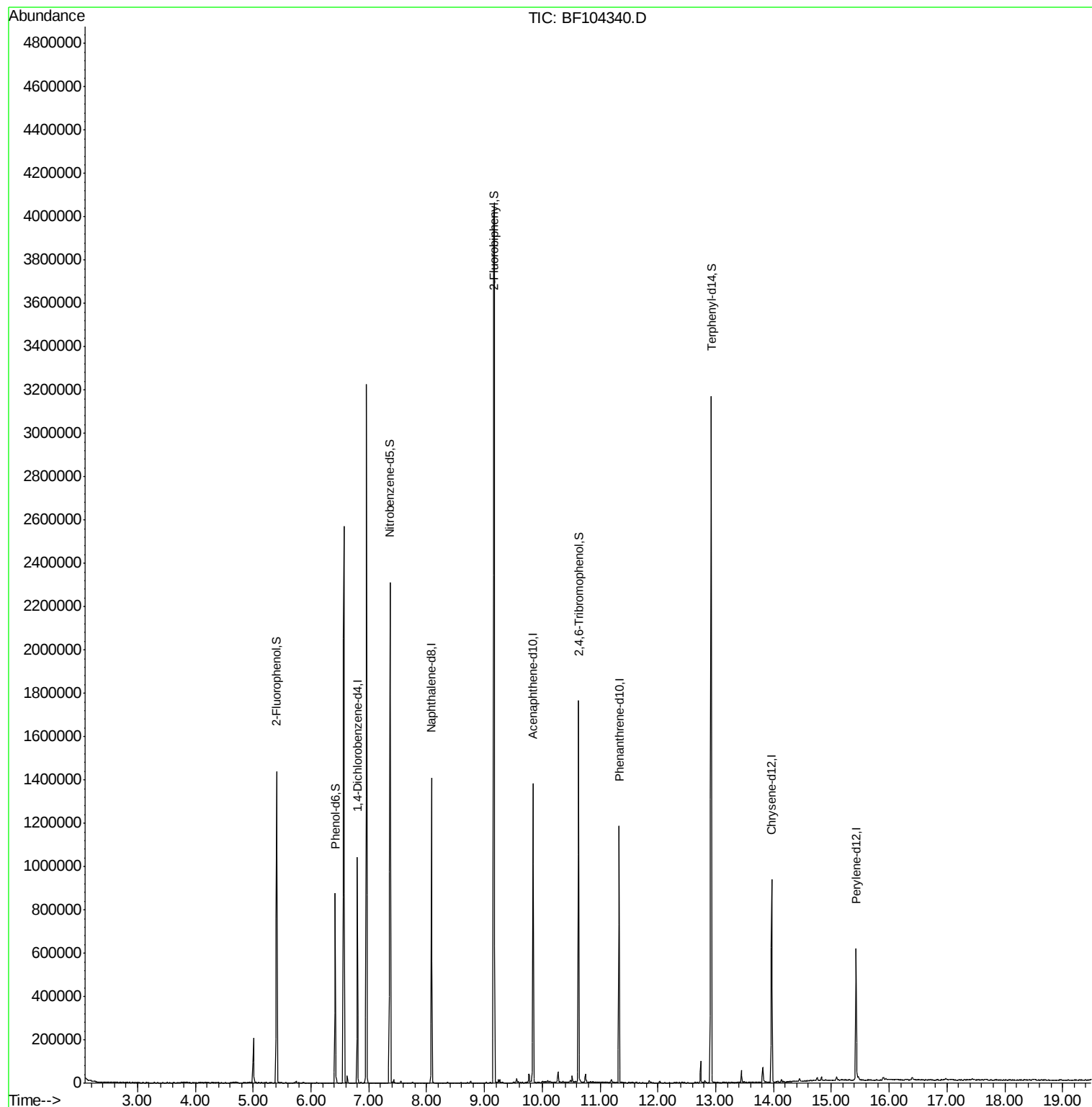
Target Compounds Qvalue

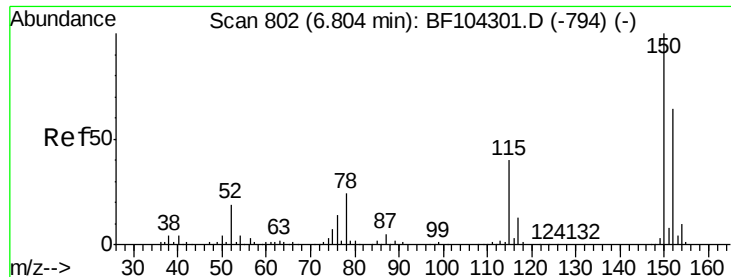
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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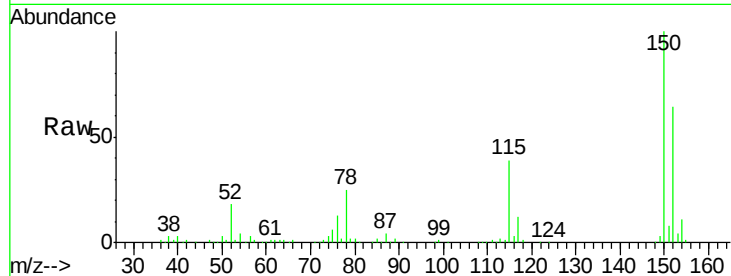


#1

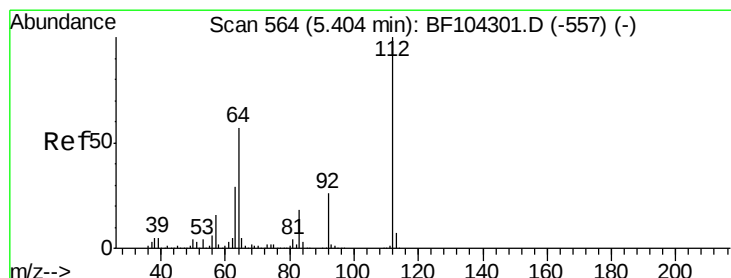
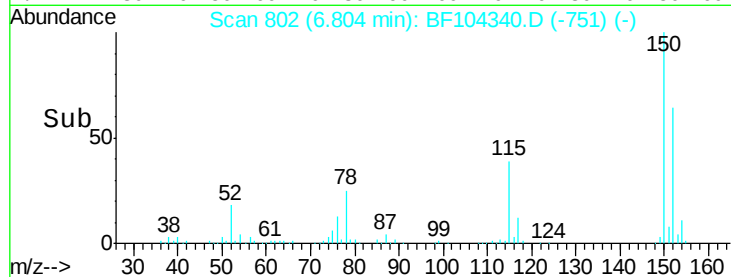
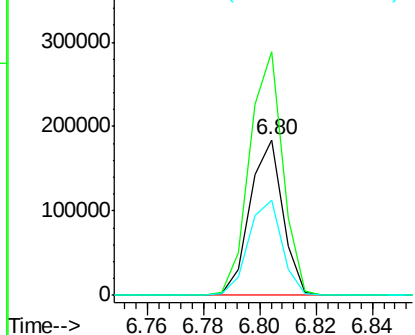
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104340.D
Acq: 7 Apr 2018 6:46

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

Tot Ion:152 Resp: 149303
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 60.9 50.1 75.1



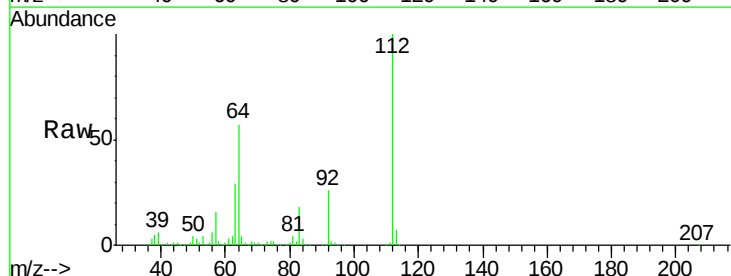
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



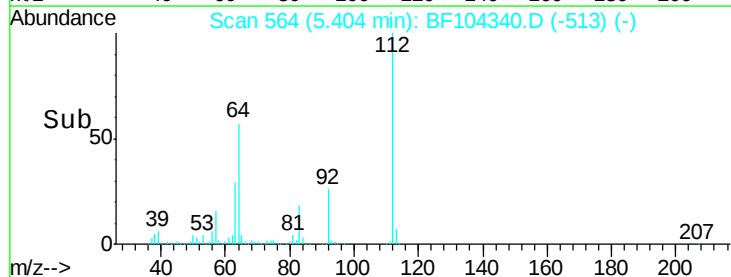
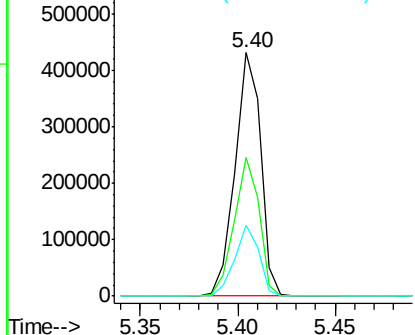
#5

2-Fluorophenol
Concen: 40.227 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104340.D
Acq: 7 Apr 2018 6:46

Tgt Ion:112 Resp: 392796
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 29.3 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: 24.527 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104340.D

Acq: 7 Apr 2018 6:46

Instrument :

BNA_F

ClientSampleId :

040218-SIDI-F-U-M

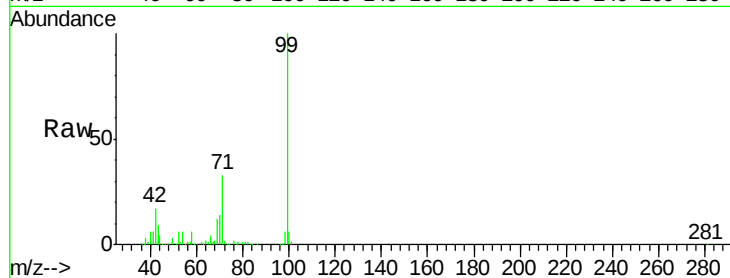
Tot Ion: 99 Resp: 294262

Ion Ratio Lower Upper

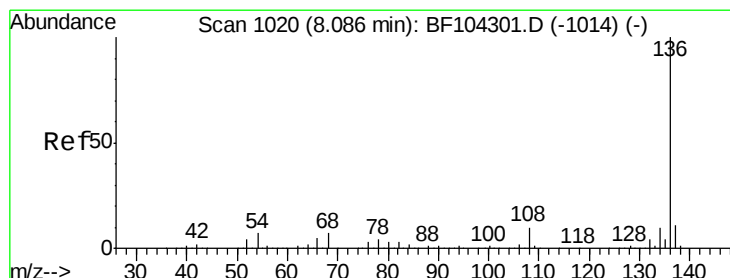
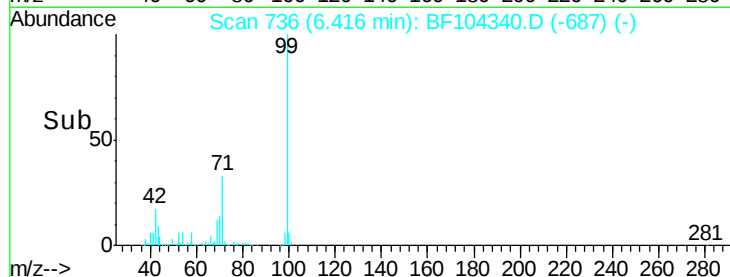
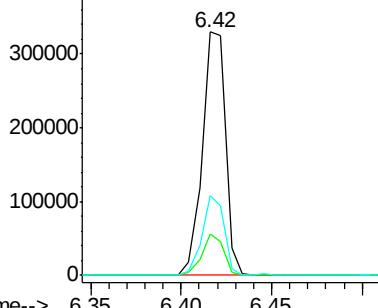
99 100

42 16.9 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: BF104340.D

Acq: 7 Apr 2018 6:46

Tgt Ion: 136 Resp: 588421

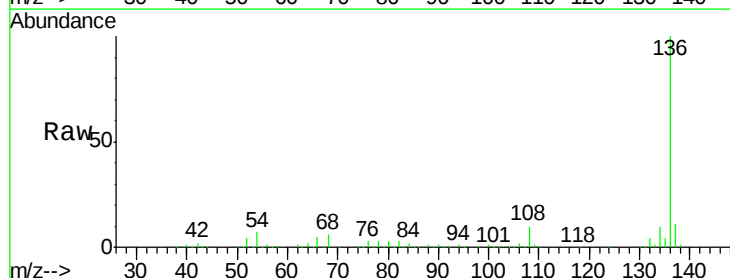
Ion Ratio Lower Upper

136 100

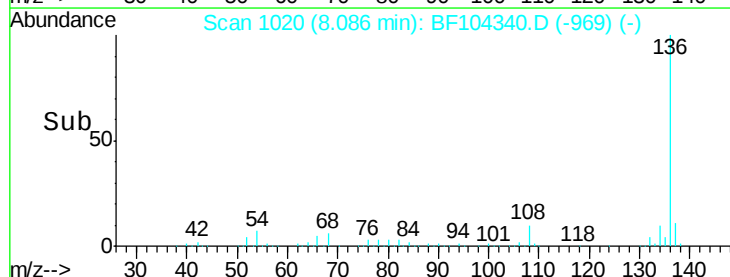
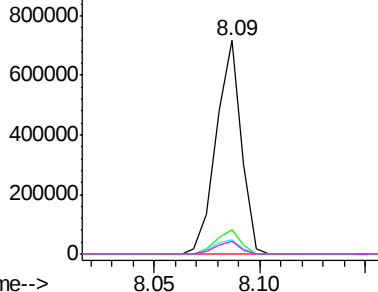
137 11.1 8.9 13.3

54 6.9 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

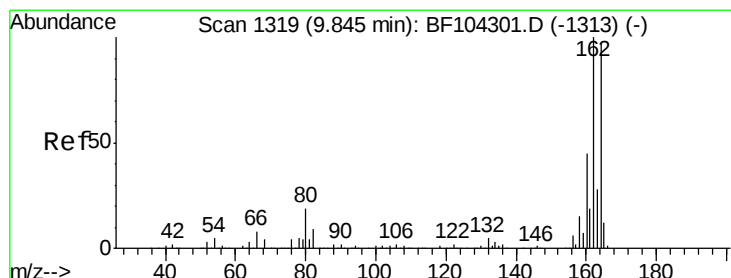
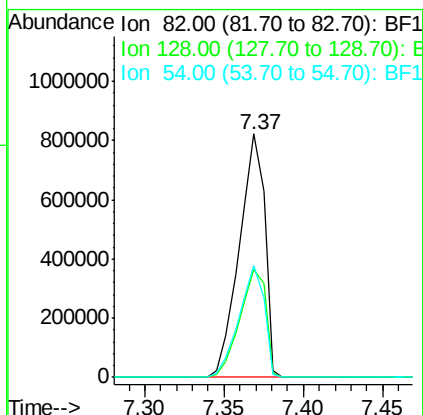
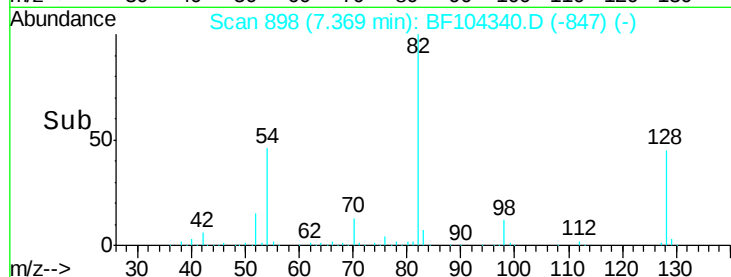
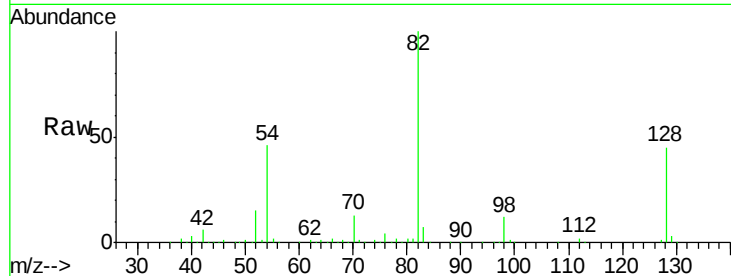




#23
 Nitrobenzene-d5
 Concen: 101.027 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104340.D
 Acq: 7 Apr 2018 6:46

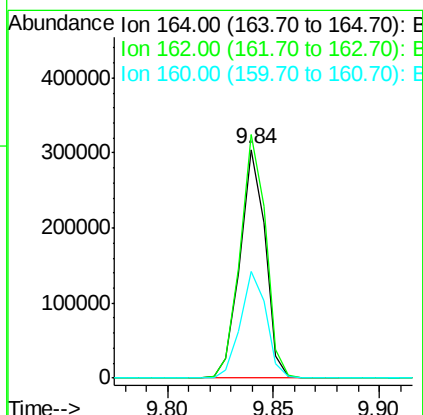
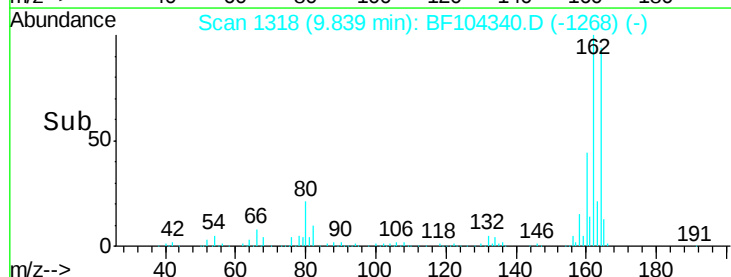
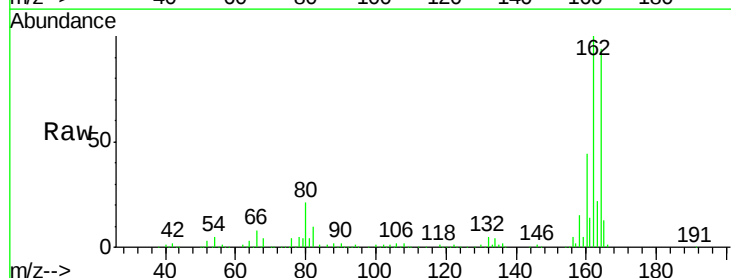
Instrument :
 BNA_F
 ClientSampleId :
 040218-SIDI-F-U-M

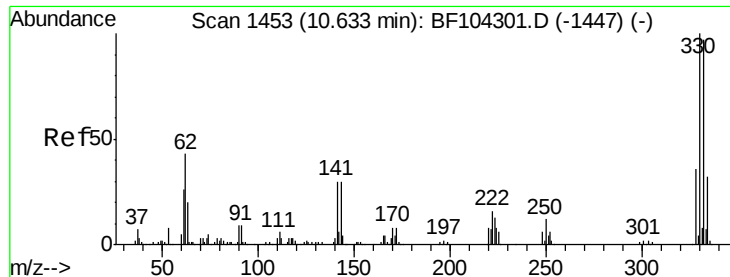
Tot Ion: 82 Resp: 910385
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 45.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104340.D
 Acq: 7 Apr 2018 6:46

Tgt Ion:164 Resp: 251516
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 46.4 38.3 57.5

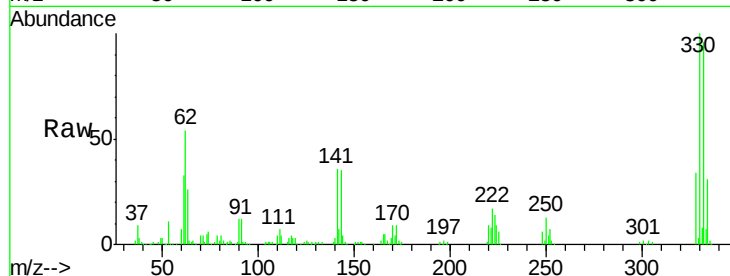




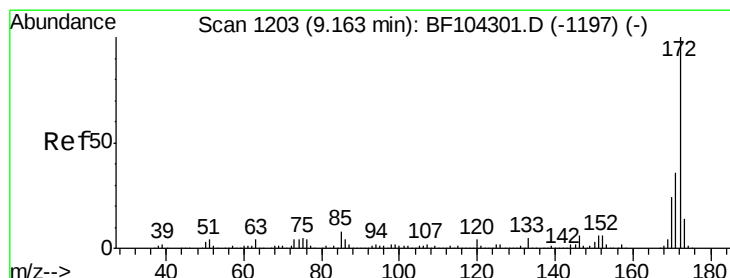
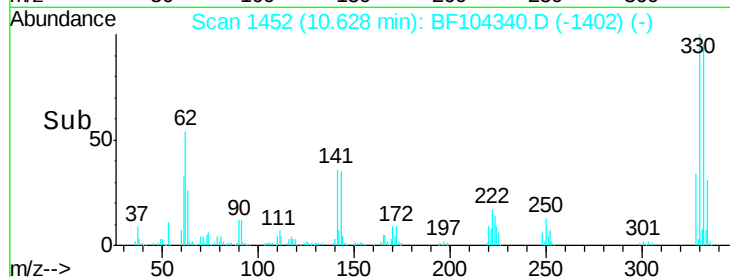
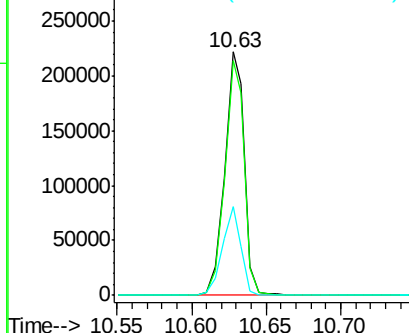
#41
 2,4,6-Tribromophenol
 Concen: 78.895 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104340.D
 Acq: 7 Apr 2018 6:46

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.6	29.9	44.9

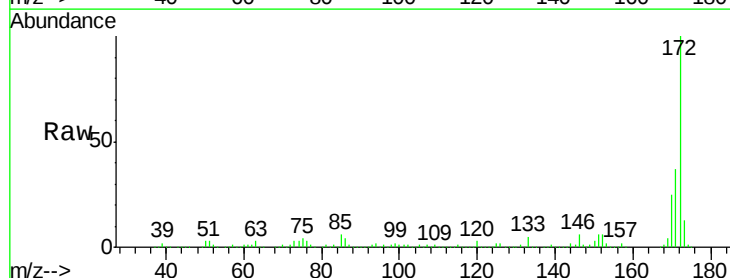


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

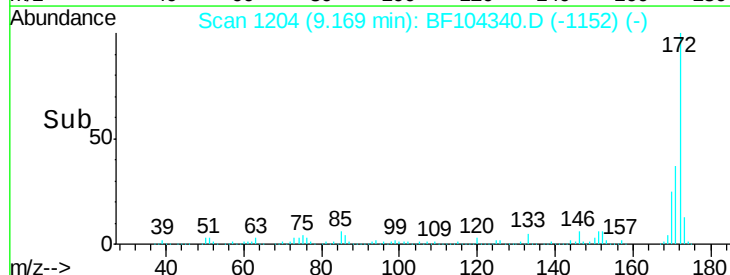
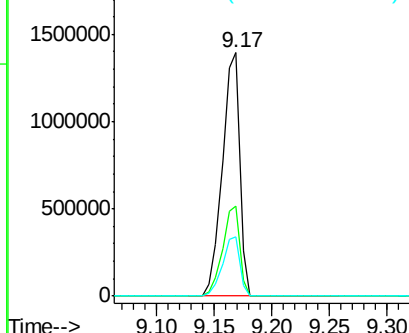


#44
 2-Fluorobiphenyl
 Concen: 91.515 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104340.D
 Acq: 7 Apr 2018 6:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	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

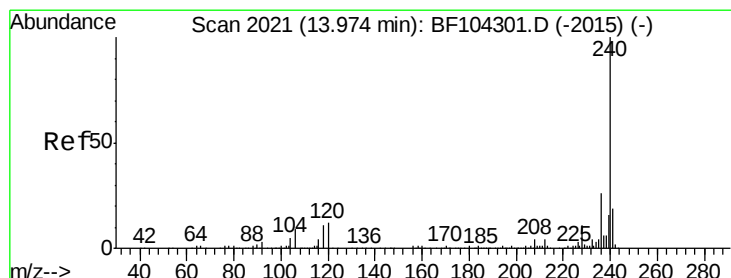
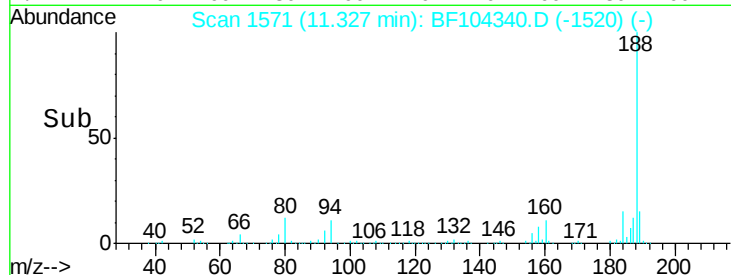
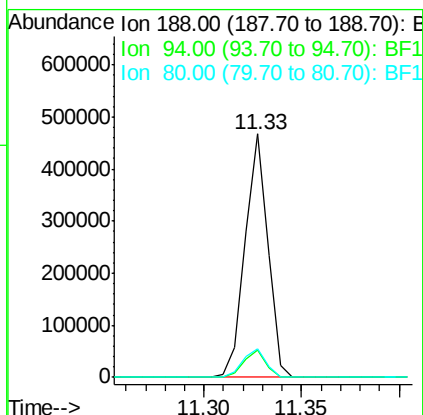
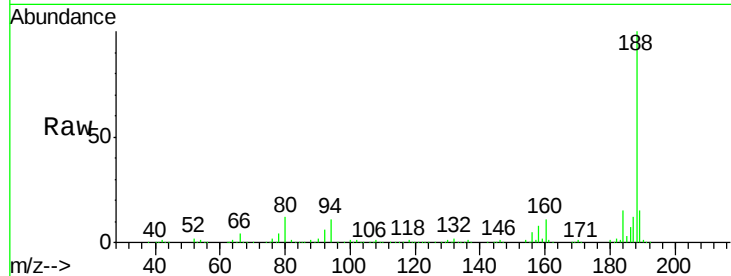




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104340.D
Acq: 7 Apr 2018 6:46

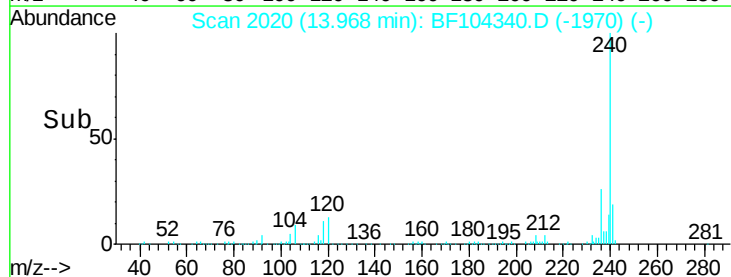
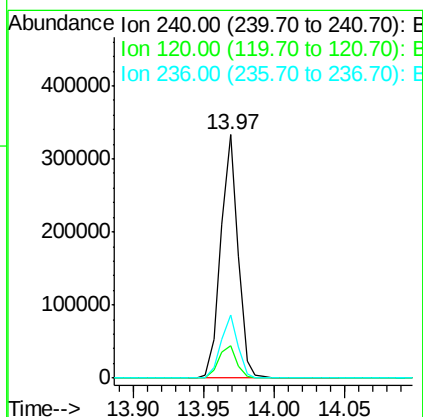
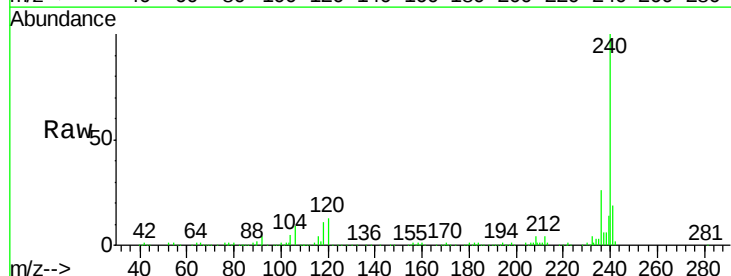
Instrument :
BNA_F
ClientSampleId :
040218-SIDI-F-U-M

Tot Ion:188 Resp: 378590
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.9 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: BF104340.D
Acq: 7 Apr 2018 6:46

Tgt Ion:240 Resp: 283678
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 87.126 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104340.D

Acq: 7 Apr 2018 6:46

Instrument :

BNA_F

ClientSampleId :

040218-SIDI-F-U-M

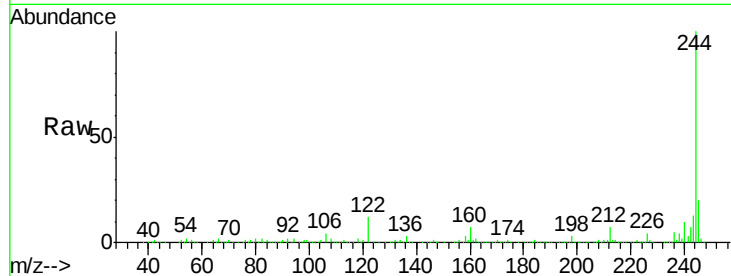
Tot Ion:244 Resp: 1084101

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

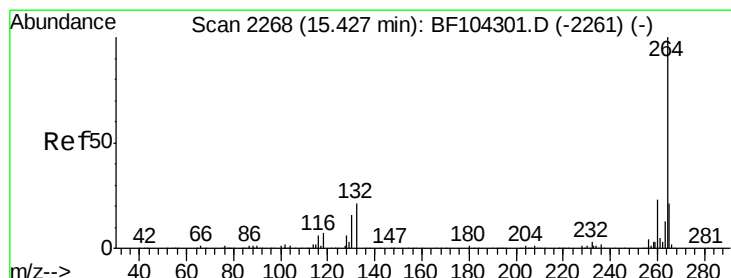
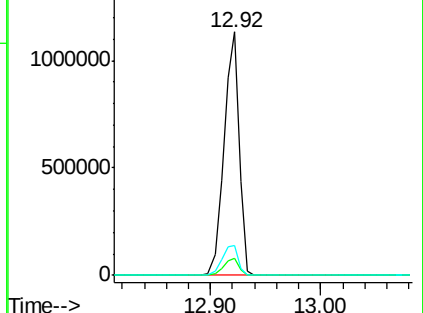
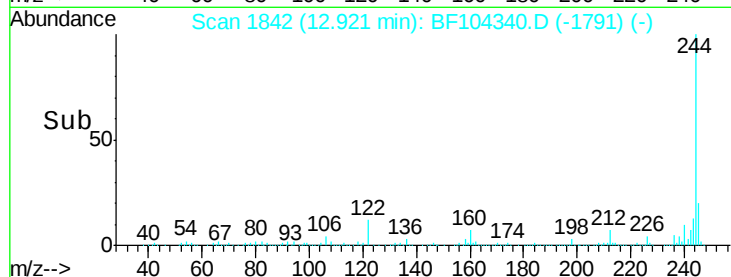
122 12.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF104340.D

Acq: 7 Apr 2018 6:46

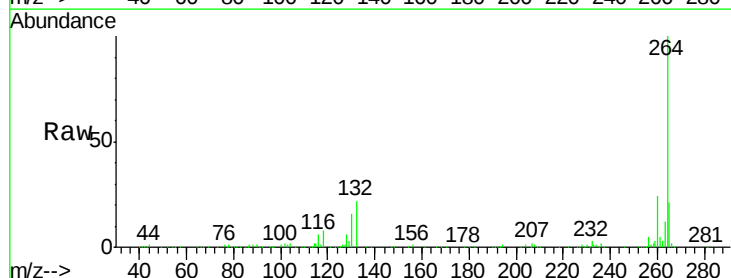
Tgt Ion:264 Resp: 259538

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.1 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

