

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104294.D
 Acq On : 6 Apr 2018 2:16
 Operator : JU/SJ
 Sample : J2226-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040318-SIDI-E-U-S

Quant Time: Apr 06 03:15:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	98444	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	460040	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	224648	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	422435	20.00	ng	0.00
75) Chrysene-d12	14.13	240	300707	20.00	ng	-0.01
86) Perylene-d12	15.66	264	231863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	164722	26.68	ng	0.00
7) Phenol-d6	6.62	99	216030	28.44	ng	0.01
23) Nitrobenzene-d5	7.52	82	837715	111.36	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	253653	101.40	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1613976	113.29	ng	0.00
78) Terphenyl-d14	13.06	244	1426978	109.57	ng	0.00

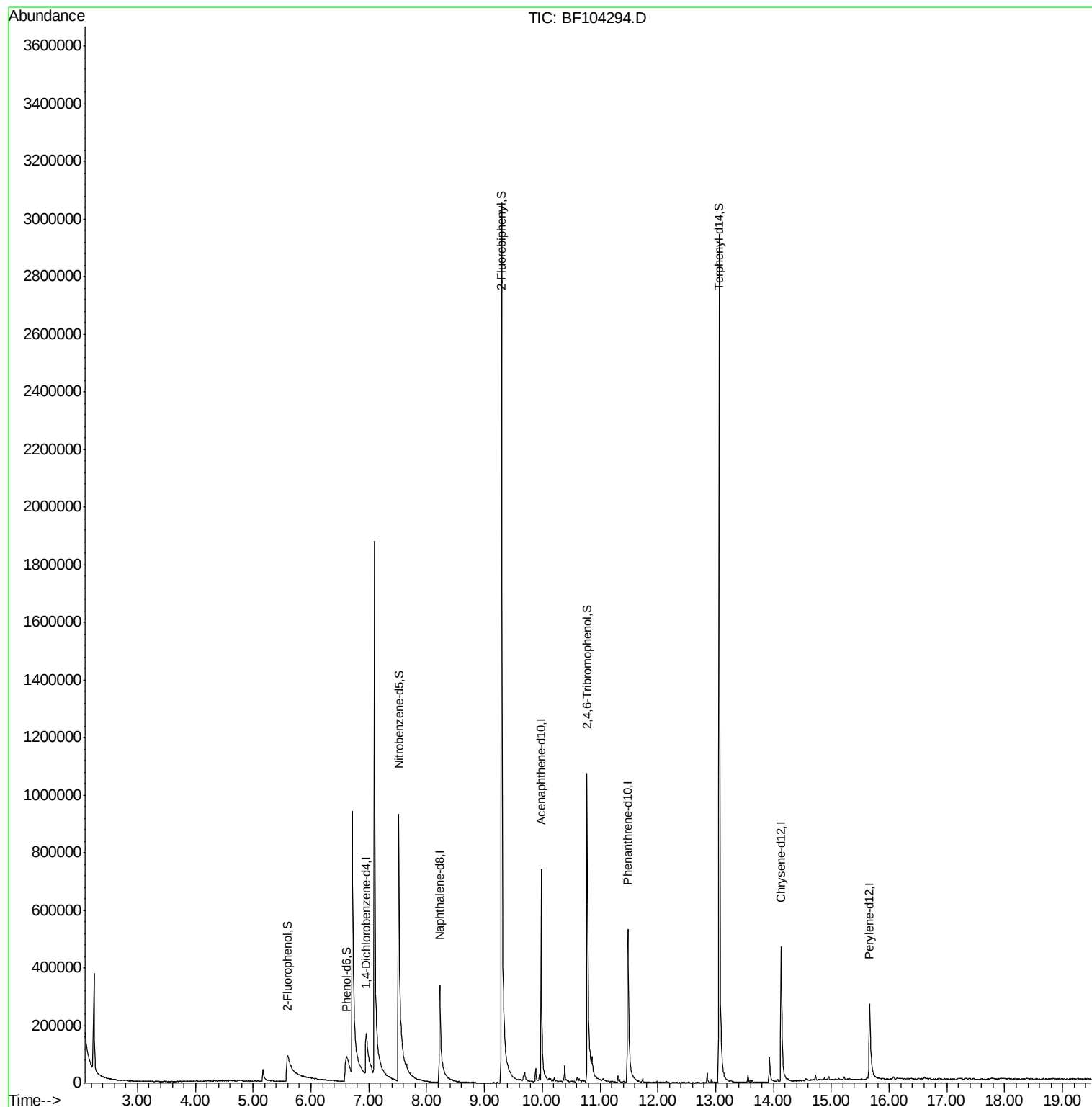
Target Compounds Qvalue

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

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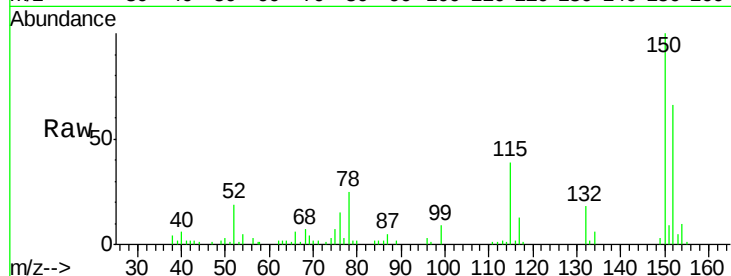


#1

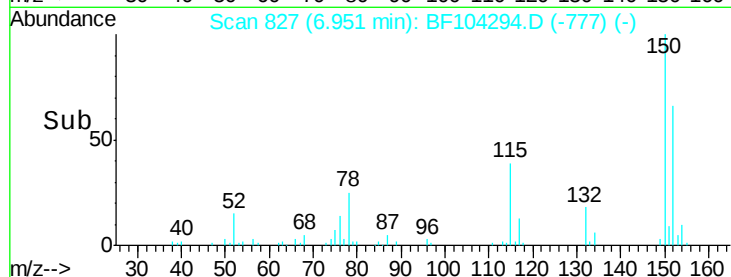
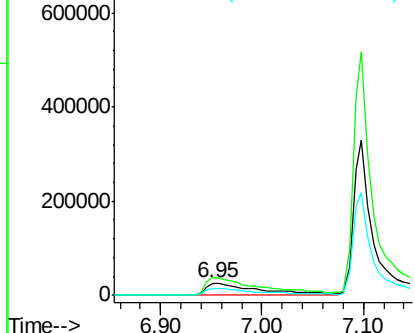
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104294.D
Acq: 6 Apr 2018 2:16

Instrument :
BNA_F
ClientSampleId :
040318-SIDI-E-U-S

Tot Ion:152 Resp: 98444
Ion Ratio Lower Upper
152 100
150 150.5 124.6 186.8
115 59.3 50.1 75.1



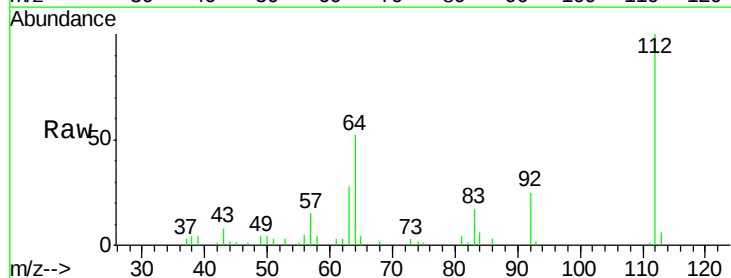
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



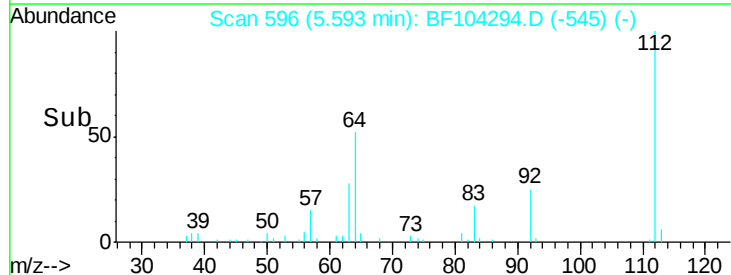
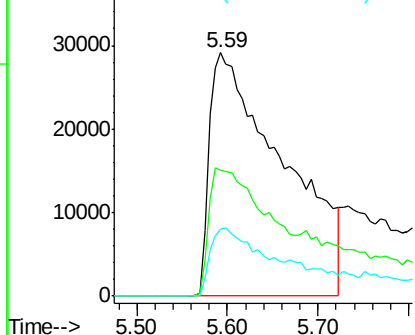
#5

2-Fluorophenol
Concen: 26.684 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF104294.D
Acq: 6 Apr 2018 2:16

Tgt Ion:112 Resp: 164722
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 27.6 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: 28.445 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104294.D

Acq: 6 Apr 2018 2:16

Instrument :

BNA_F

ClientSampleId :

040318-SIDI-E-U-S

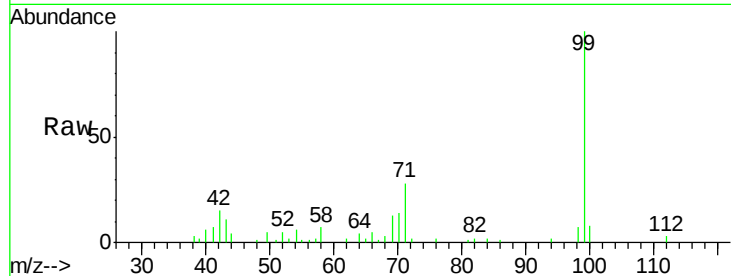
Tot Ion: 99 Resp: 216030

Ion Ratio Lower Upper

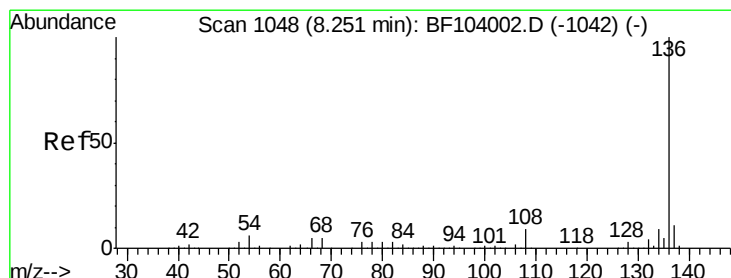
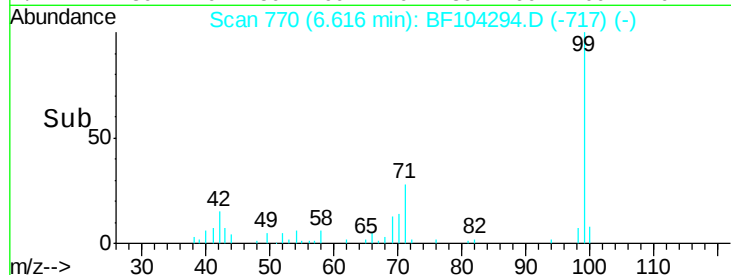
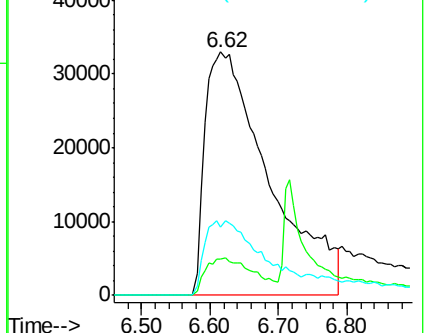
99 100

42 14.8 14.5 21.7

71 28.1 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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104294.D

Acq: 6 Apr 2018 2:16

Tgt Ion: 136 Resp: 460040

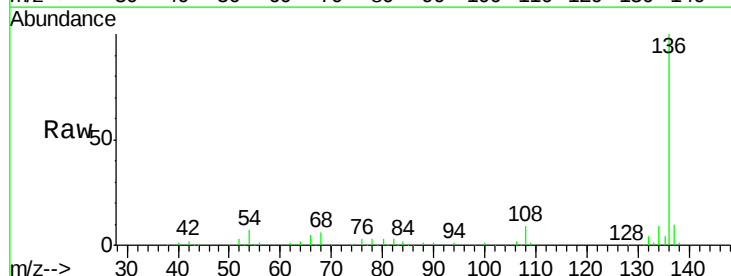
Ion Ratio Lower Upper

136 100

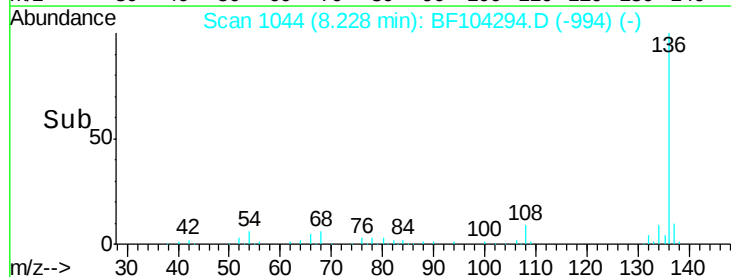
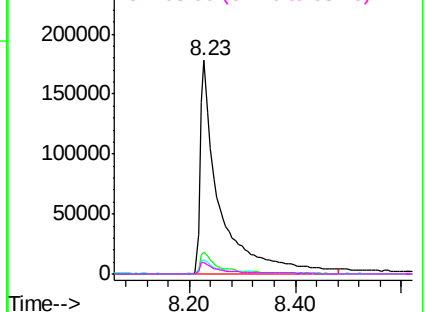
137 10.4 8.9 13.3

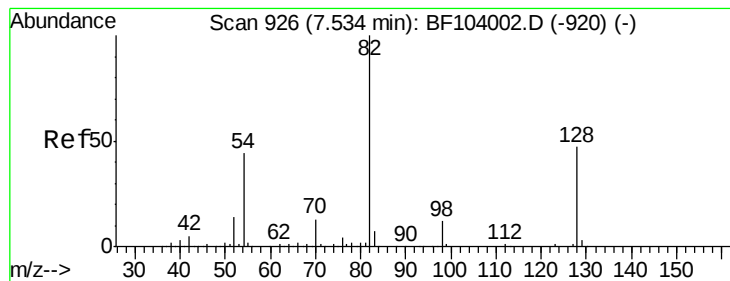
54 6.8 6.6 9.8

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: 111.362 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104294.D

Acq: 6 Apr 2018 2:16

Instrument :

BNA_F

ClientSampleId :

040318-SIDI-E-U-S

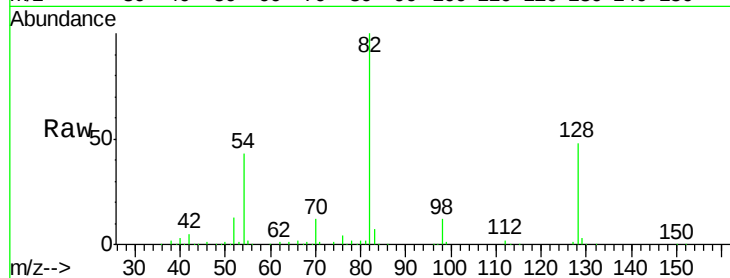
Tot Ion: 82 Resp: 837715

Ion Ratio Lower Upper

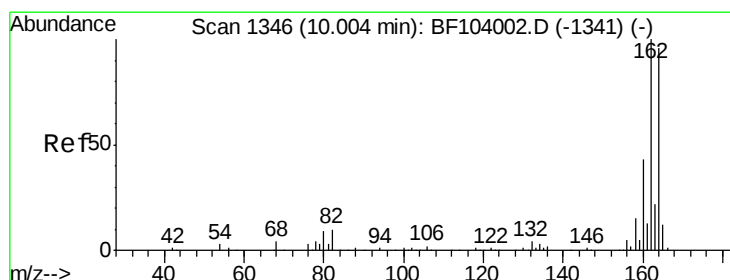
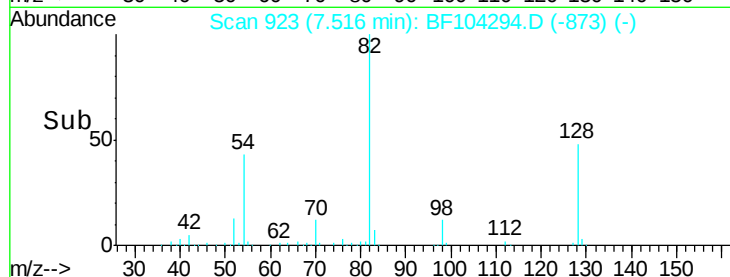
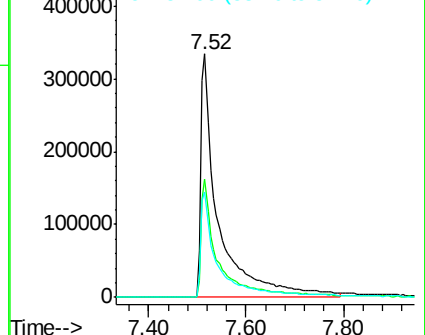
82 100

128 48.3 36.1 54.1

54 43.1 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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF104294.D

Acq: 6 Apr 2018 2:16

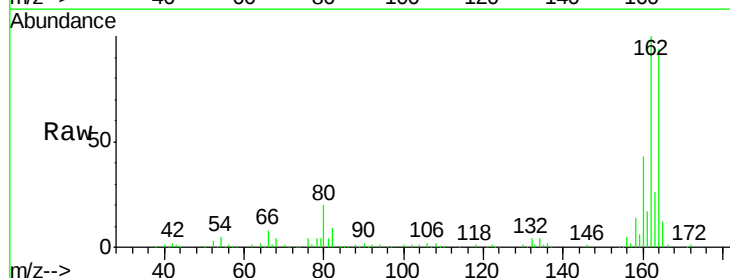
Tgt Ion:164 Resp: 224648

Ion Ratio Lower Upper

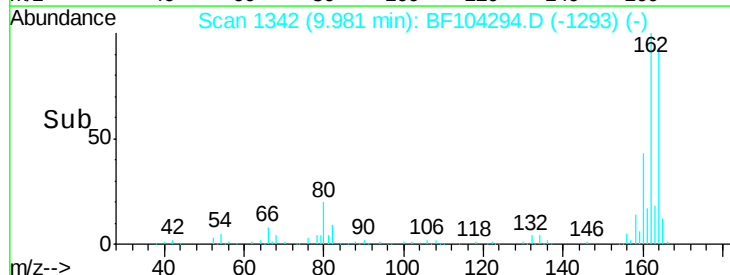
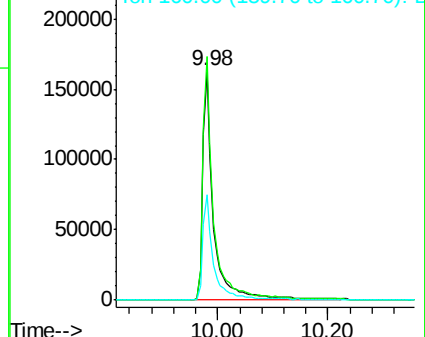
164 100

162 106.5 86.1 129.1

160 46.0 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

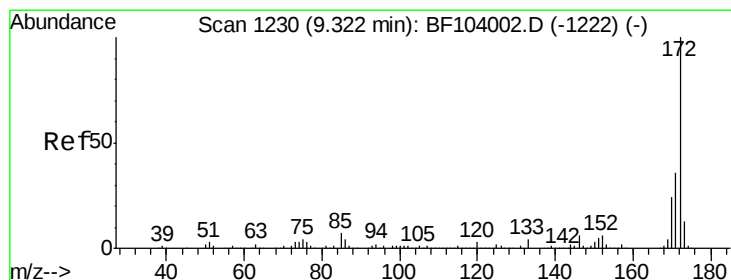
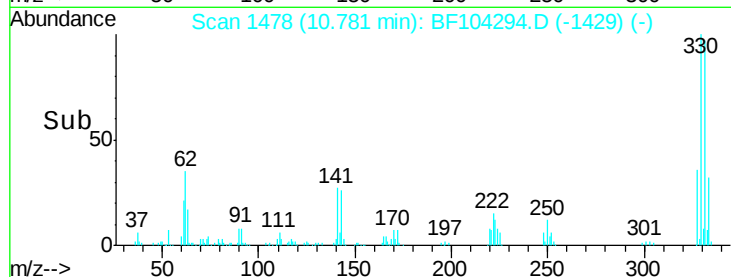
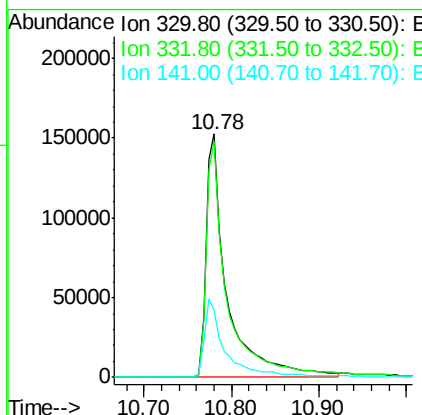
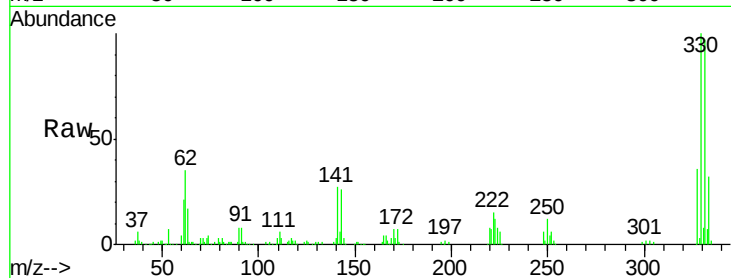




#41
 2,4,6-Tribromophenol
 Concen: 101.402 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

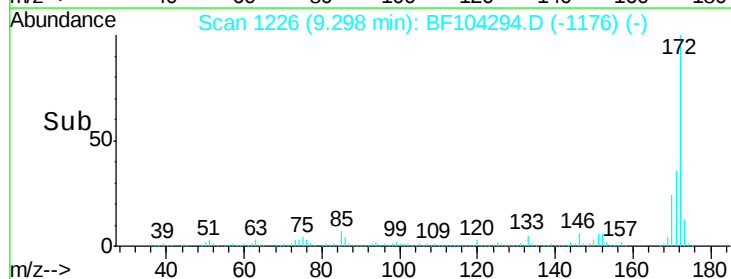
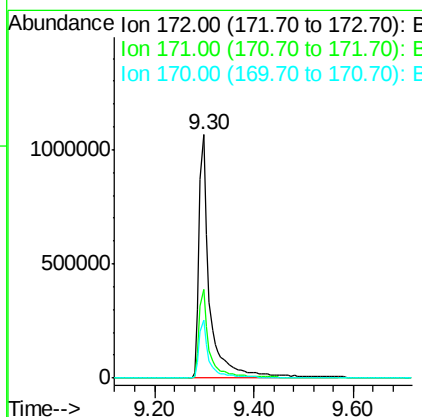
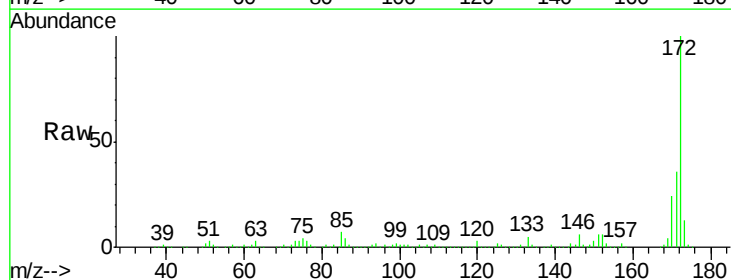
Instrument :
 BNA_F
 ClientSampleId :
 040318-SIDI-E-U-S

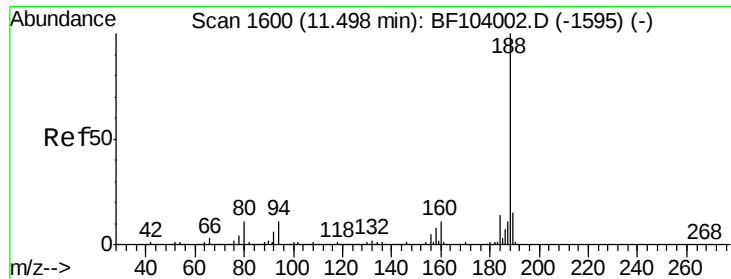
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	32.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 113.293 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

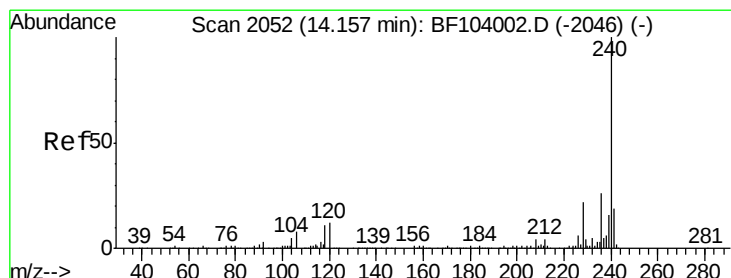
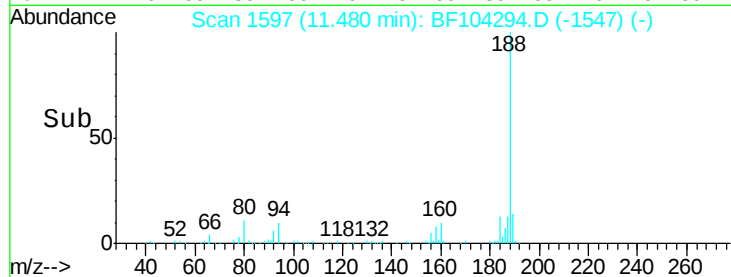
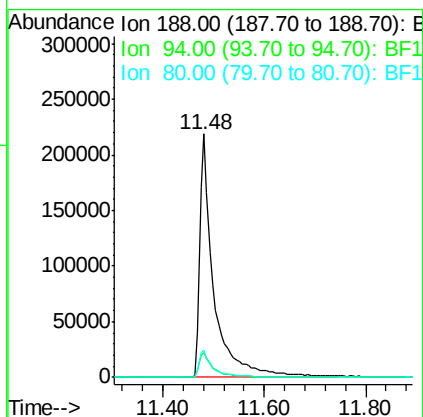
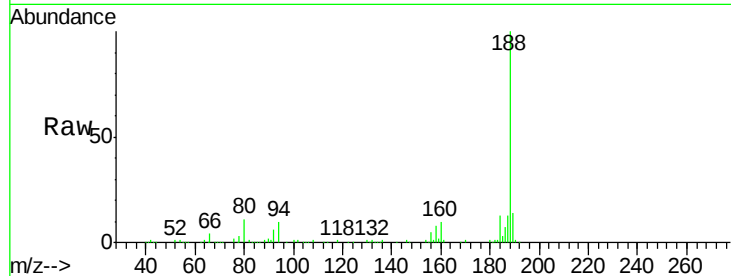




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104294.D
Acq: 6 Apr 2018 2:16

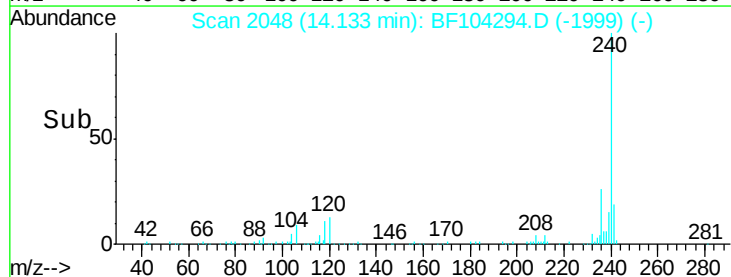
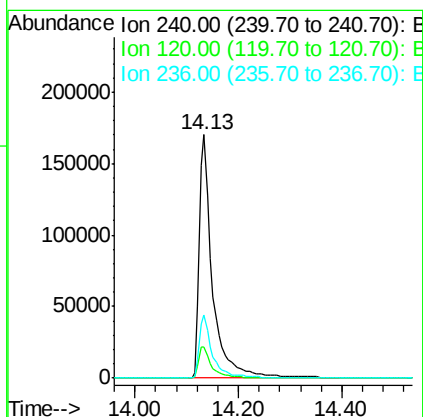
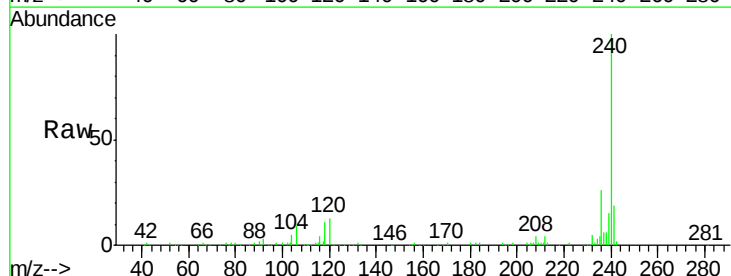
Instrument :
BNA_F
ClientSampleId :
040318-SIDI-E-U-S

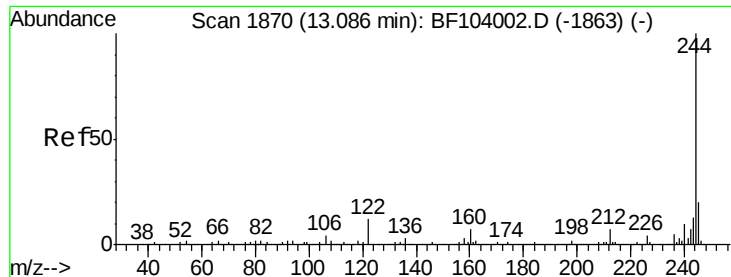
Tot Ion:188 Resp: 422435
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF104294.D
Acq: 6 Apr 2018 2:16

Tgt Ion:240 Resp: 300707
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.2 20.7 31.1

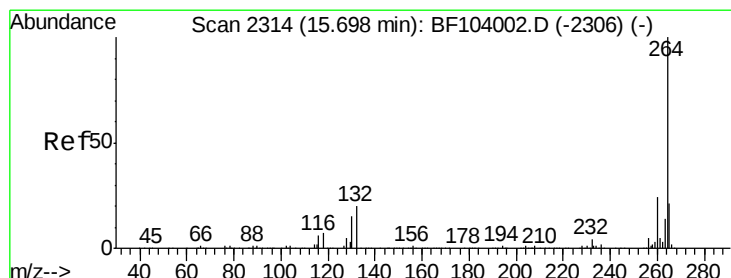
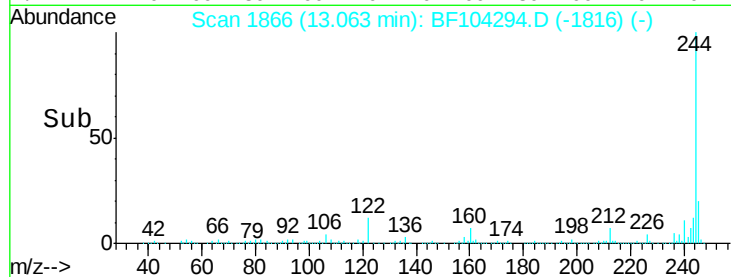
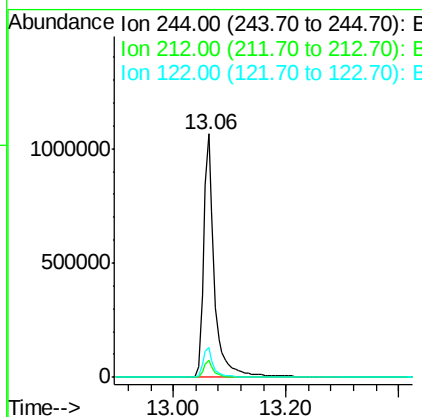
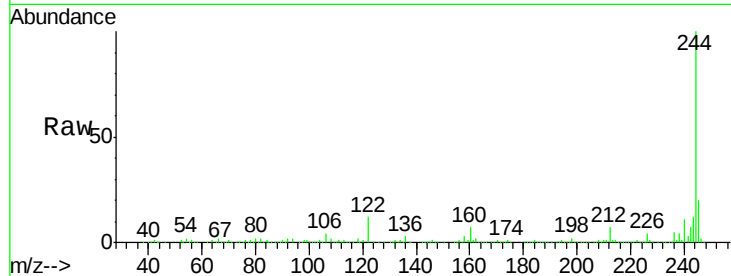




#78
 Terphenyl-d14
 Concen: 109.569 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :
 040318-SIDI-E-U-S

Tot Ion:244 Resp: 1426978
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.02 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Tgt Ion:264 Resp: 231863
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.5 26.3

