

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104977.D
 Acq On : 1 May 2018 12:21
 Operator : JU/SJ
 Sample : J2608-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-5-1

Quant Time: May 01 16:23:34 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112501	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	473614	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	223782	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	428761	20.00	ng	0.00
75) Chrysene-d12	13.96	240	362235	20.00	ng	-0.01
86) Perylene-d12	15.43	264	297001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	803659	109.23	ng	0.02
7) Phenol-d6	6.43	99	894493	98.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	679052	93.62	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	310696	133.84	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1225955	86.54	ng	0.00
78) Terphenyl-d14	12.91	244	1317116	82.90	ng	0.00

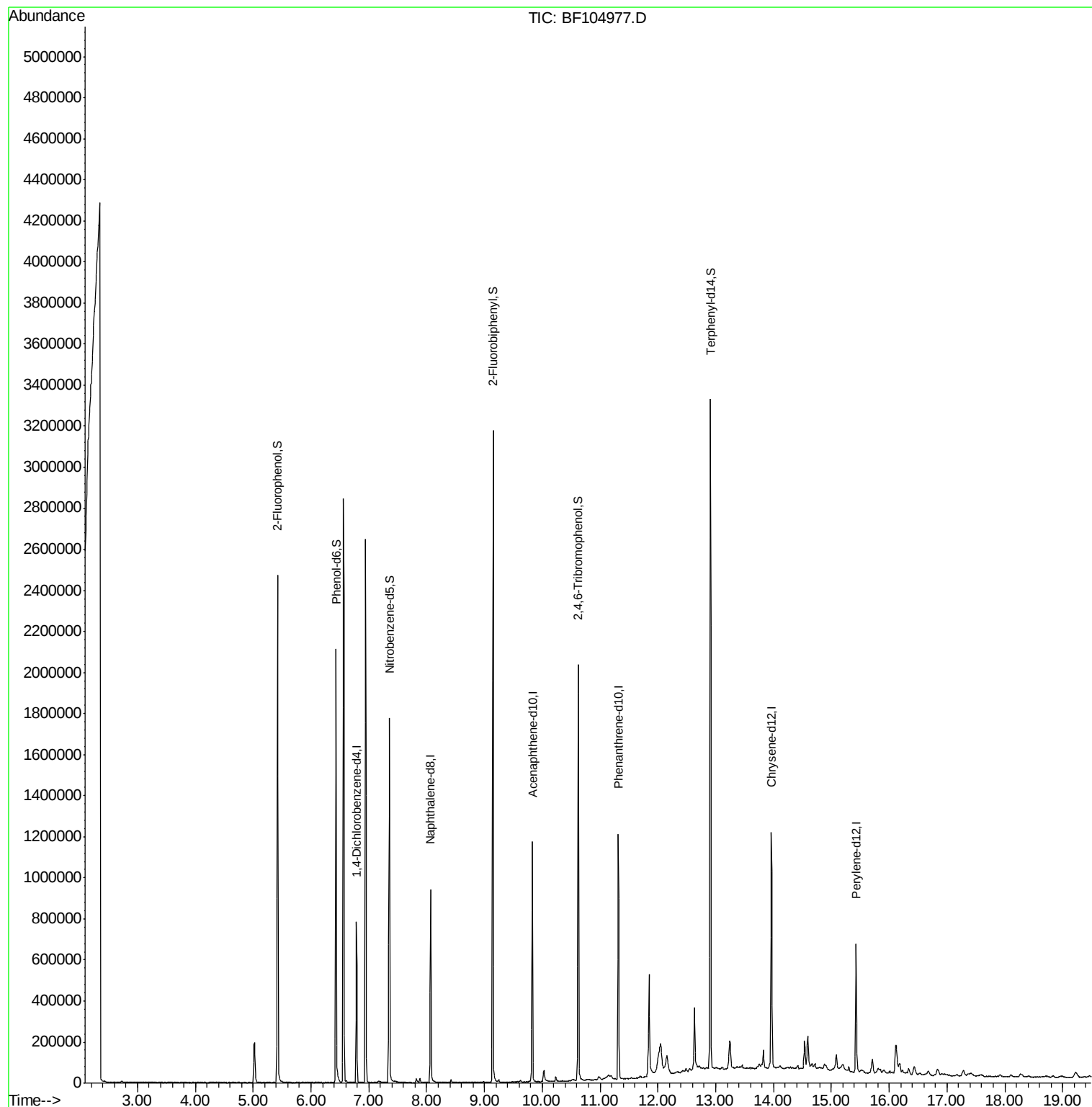
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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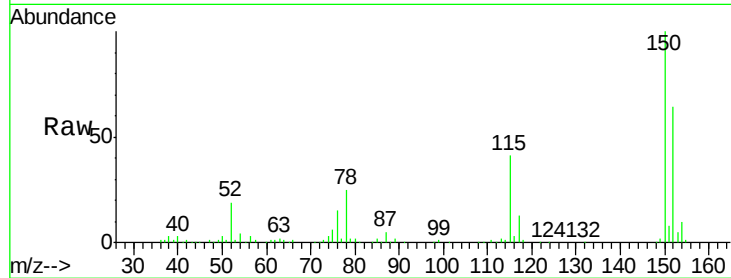


#1

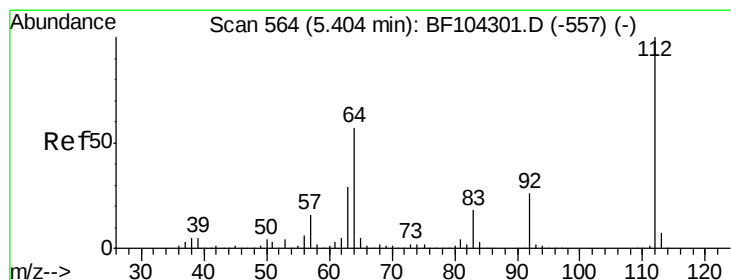
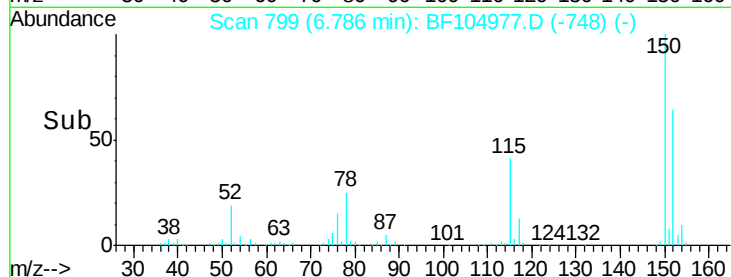
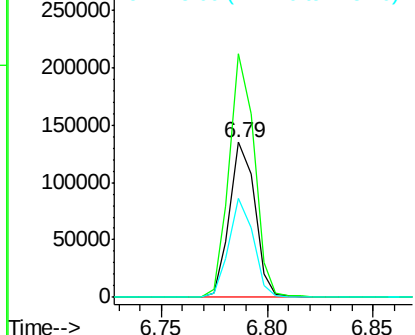
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104977.D
Acq: 1 May 2018 12:21

Instrument :
BNA_F
ClientSampleId :
CO-5-1

Tgt Ion:152 Resp: 112501
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 64.2 50.1 75.1



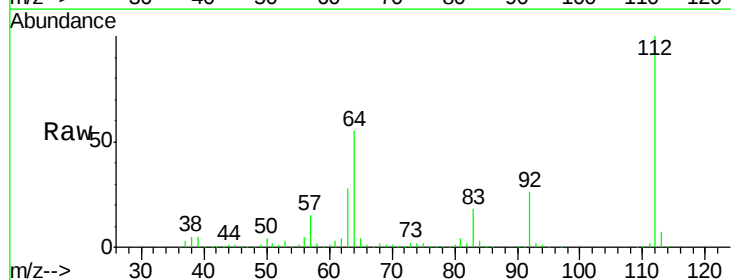
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



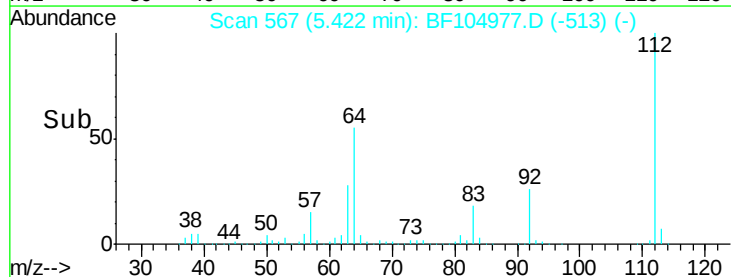
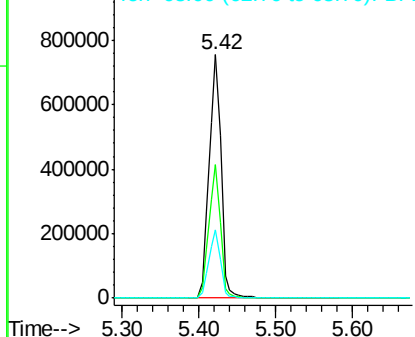
#5

2-Fluorophenol
Concen: 109.229 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF104977.D
Acq: 1 May 2018 12:21

Tgt Ion:112 Resp: 803659
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.9 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: 98.948 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104977.D

Acq: 1 May 2018 12:21

Instrument :

BNA_F

ClientSampleId :

CO-5-1

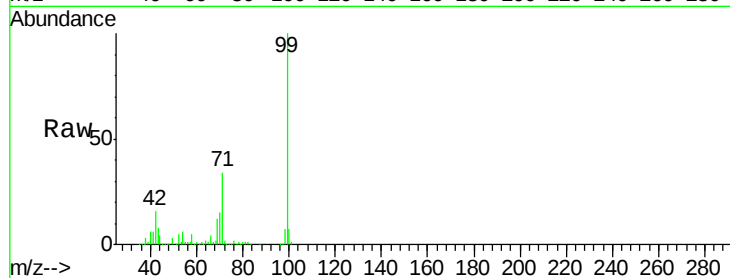
Tgt Ion: 99 Resp: 894493

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

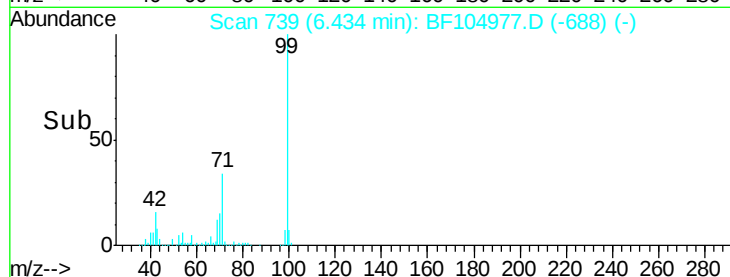
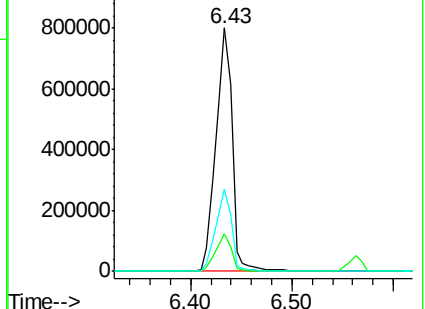
71 34.0 25.4 38.0



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# 1017

Delta R.T. -0.01 min

Lab File: BF104977.D

Acq: 1 May 2018 12:21

Tgt Ion: 136 Resp: 473614

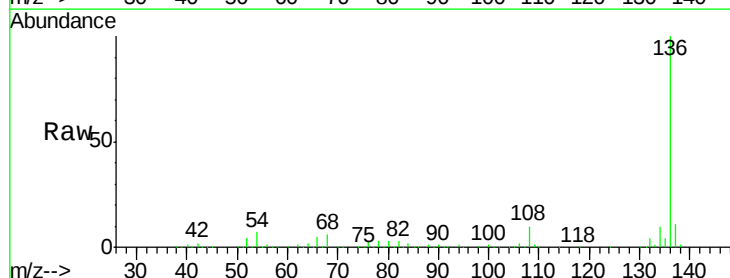
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

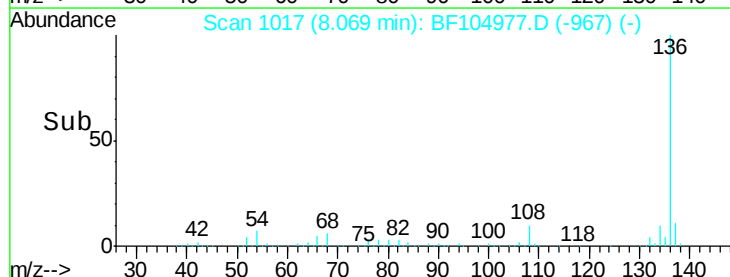
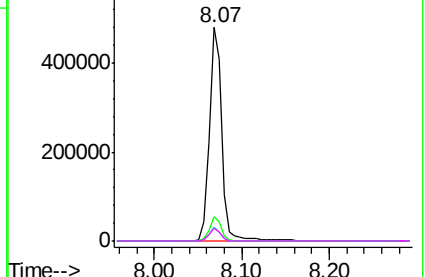


Abundance Ion 136.00 (135.70 to 136.70): E

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

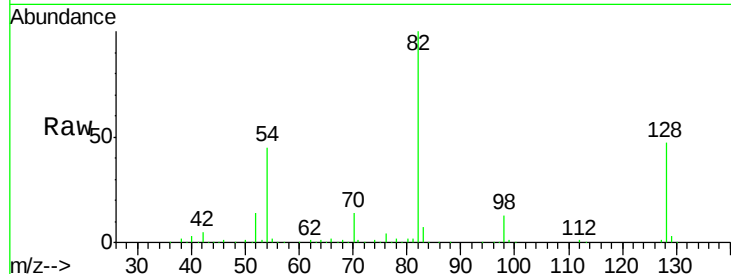




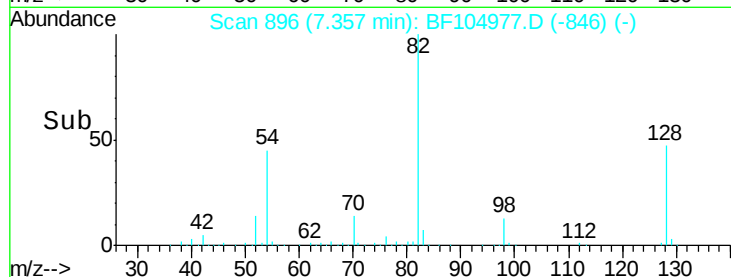
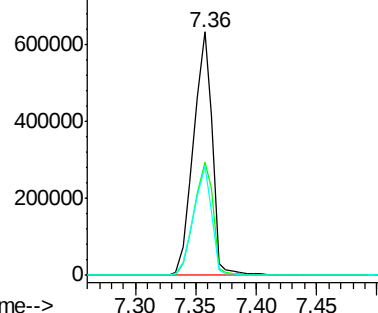
#23
 Nitrobenzene-d5
 Concen: 93.622 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104977.D
 Acq: 1 May 2018 12:21

Instrument :
 BNA_F
 ClientSampled :
 CO-5-1

Tgt Ion: 82 Resp: 679052
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 44.6 41.4 62.2

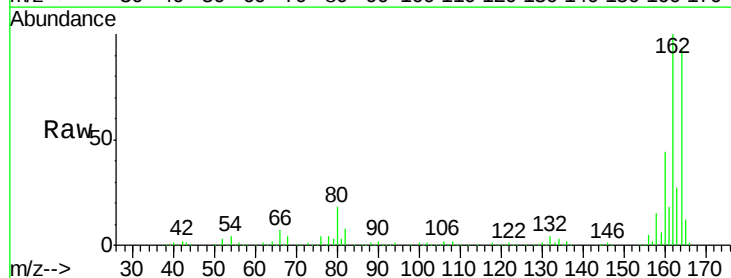


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

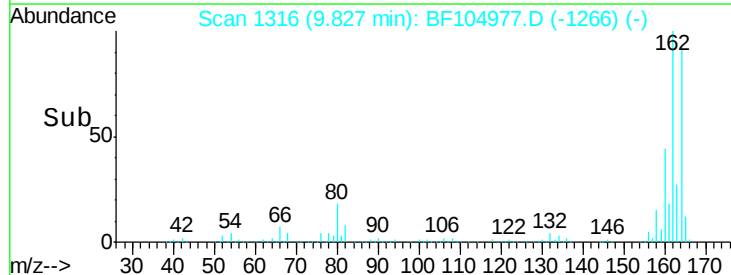
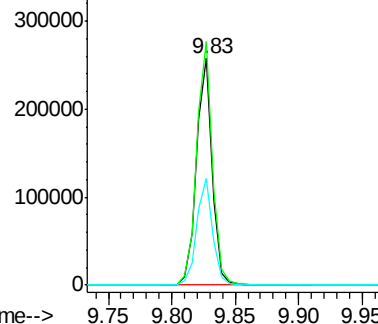


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104977.D
 Acq: 1 May 2018 12:21

Tgt Ion: 164 Resp: 223782
 Ion Ratio Lower Upper
 164 100
 162 107.5 86.1 129.1
 160 46.9 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

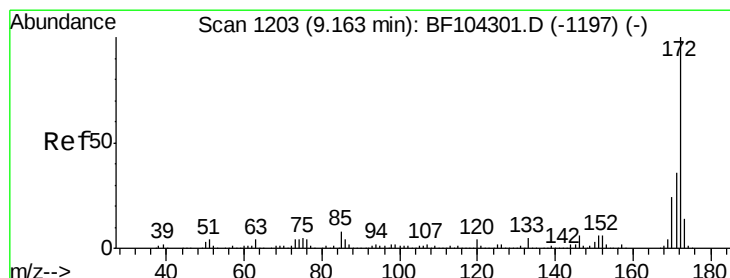
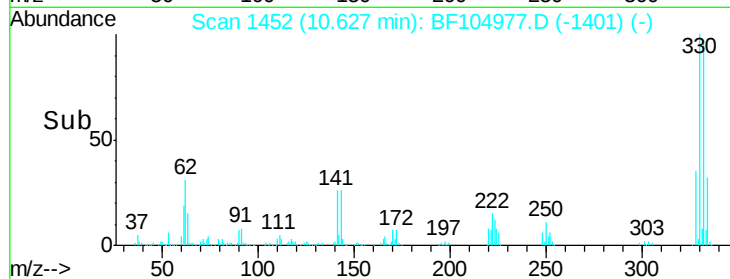
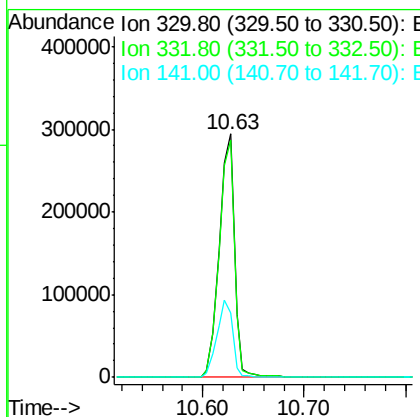
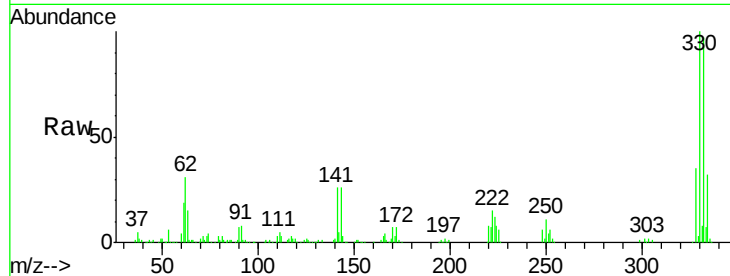




#41
 2,4,6-Tribromophenol
 Concen: 133.843 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF104977.D
 Acq: 1 May 2018 12:21

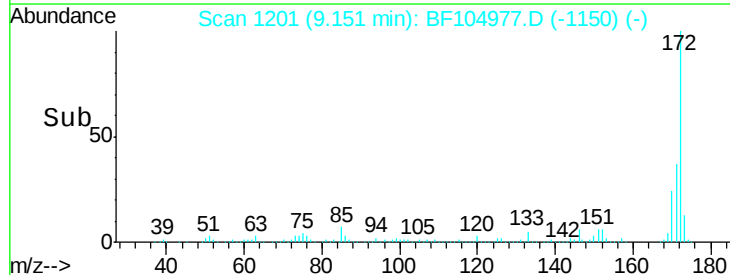
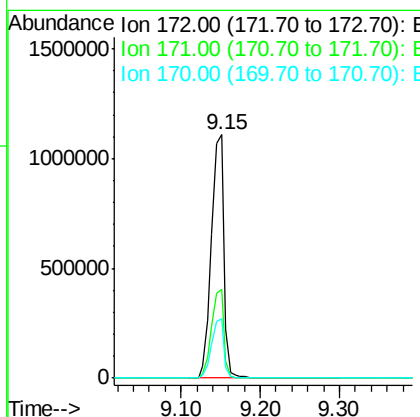
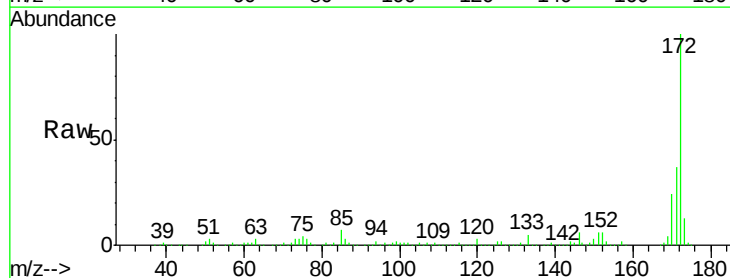
Instrument :
 BNA_F
 ClientSampleId :
 CO-5-1

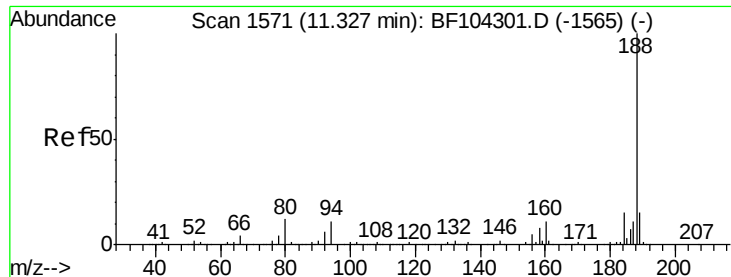
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 86.544 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104977.D
 Acq: 1 May 2018 12:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

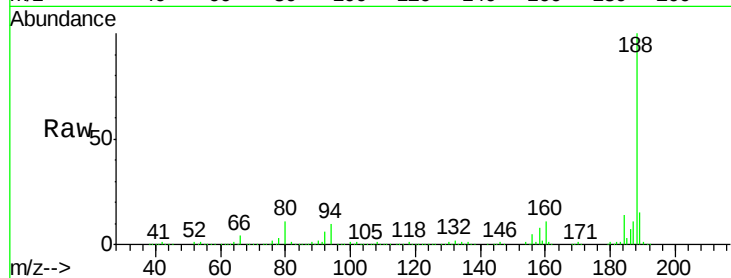




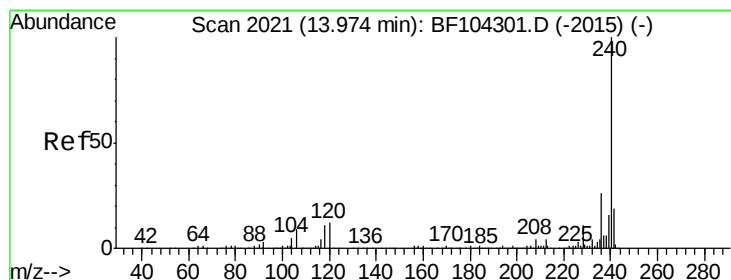
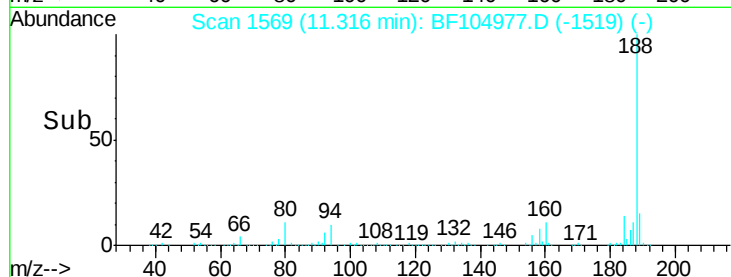
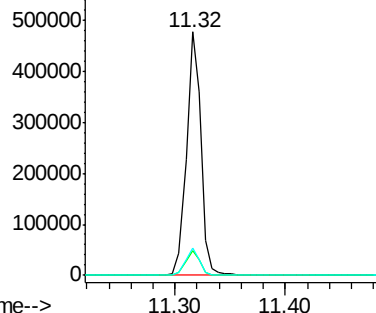
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104977.D
Acq: 1 May 2018 12:21

Instrument :
BNA_F
ClientSampleId :
CO-5-1

Tgt Ion:188 Resp: 428761
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8

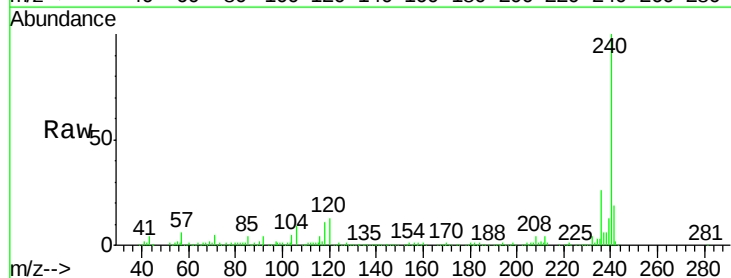


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

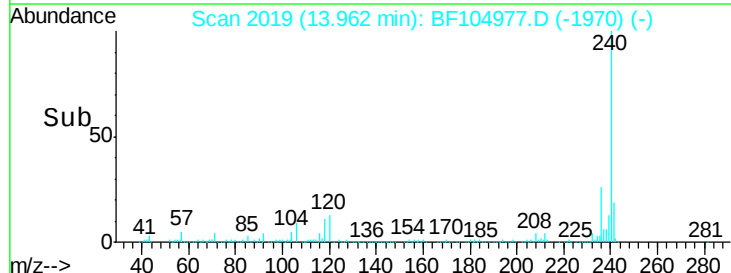
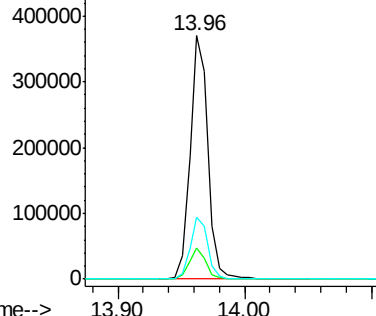


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104977.D
Acq: 1 May 2018 12:21

Tgt Ion:240 Resp: 362235
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.6 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

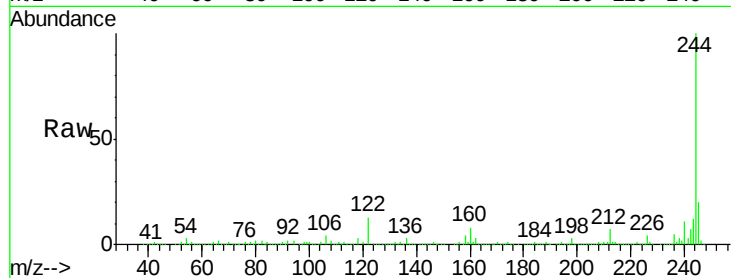




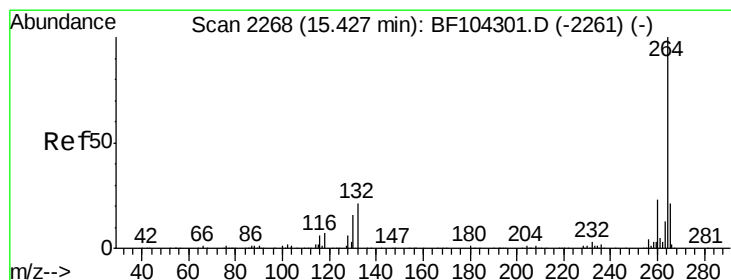
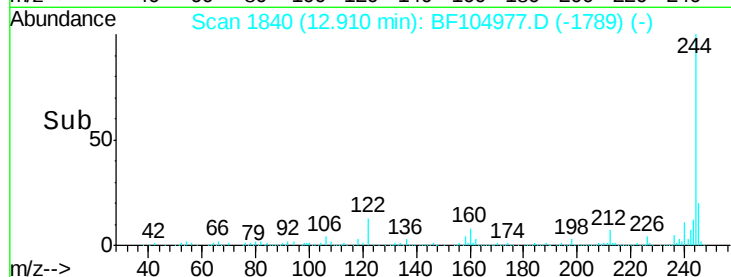
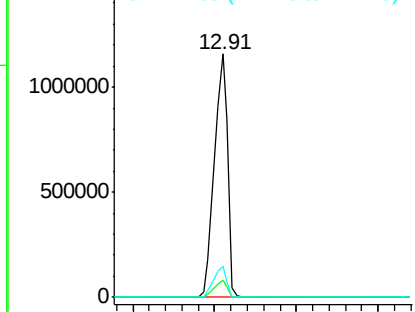
#78
 Terphenyl-d14
 Concen: 82.896 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF104977.D
 Acq: 1 May 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 CO-5-1

Tgt Ion:244 Resp: 1317116
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.8 11.0 16.4

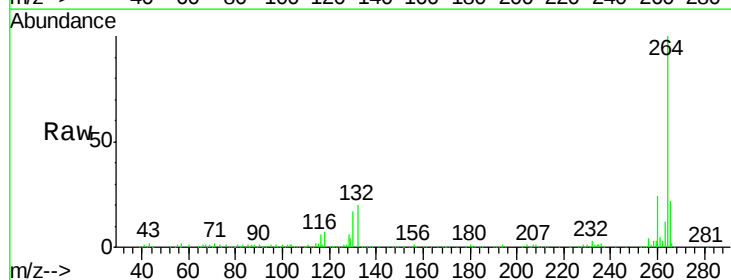


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF104977.D
 Acq: 1 May 2018 12:21

Tgt Ion:264 Resp: 297001
 Ion Ratio Lower Upper
 264 100
 260 23.8 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

