

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099930.D
 Acq On : 28 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I6146-07 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-102517-C

Quant Time: Oct 30 04:37:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104134	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	406533	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	169446	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	238843	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	185538	20.00	ng	-0.03
86) Perylene-d12	15.43	264	184315	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	92029	13.87	ng	0.00
7) Phenol-d6	6.43	99	116717	14.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	64902	10.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	16968	10.99	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	148356	13.51	ng	-0.02
78) Terphenyl-d14	12.89	244	82076	9.67	ng	-0.03

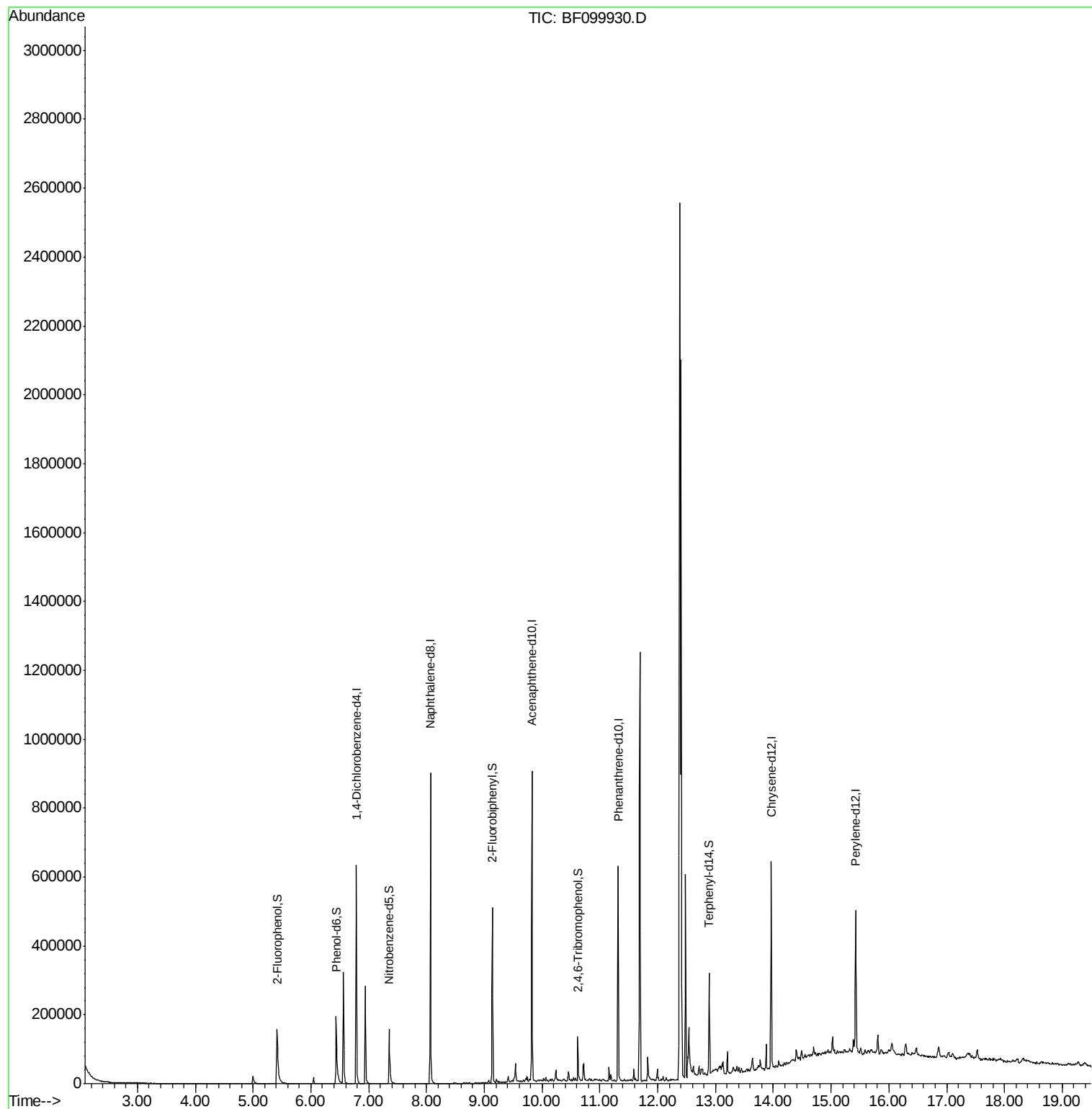
Target Compounds Qvalue

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

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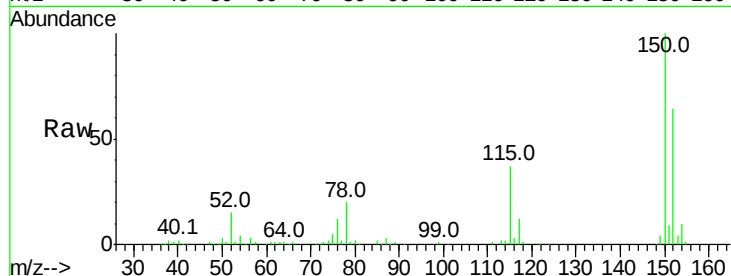


#1

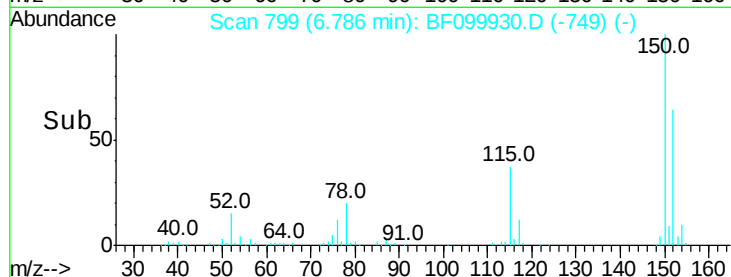
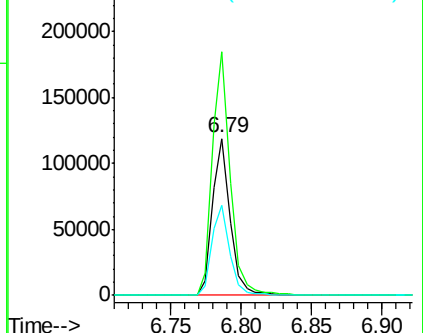
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099930.D
 Acq: 28 Oct 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-102517-C

Tot Ion:152 Resp: 104134
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 57.0 50.1 75.1



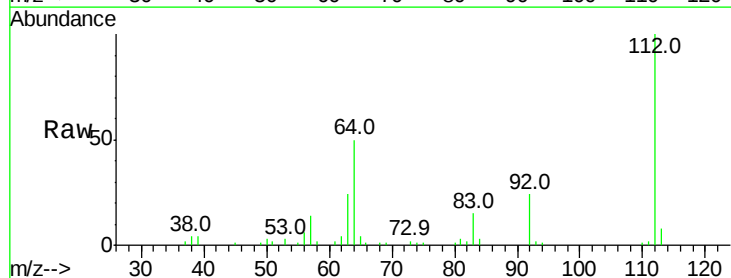
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



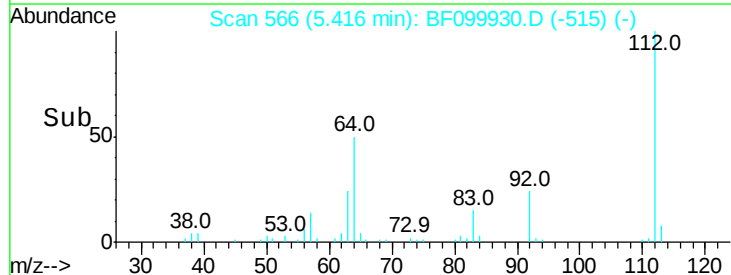
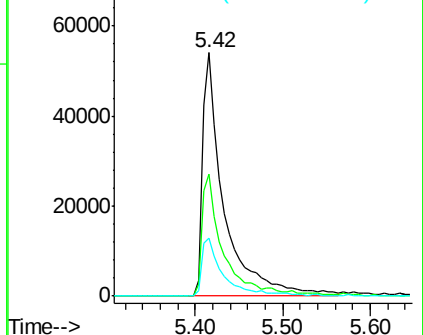
#5

2-Fluorophenol
 Concen: 13.875 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF099930.D
 Acq: 28 Oct 2017 21:14

Tgt Ion:112 Resp: 92029
 Ion Ratio Lower Upper
 112 100
 64 49.9 47.9 71.9
 63 23.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.841 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099930.D

Acq: 28 Oct 2017 21:14

Instrument :

BNA_F

ClientSampleId :

AU-06-102517-C

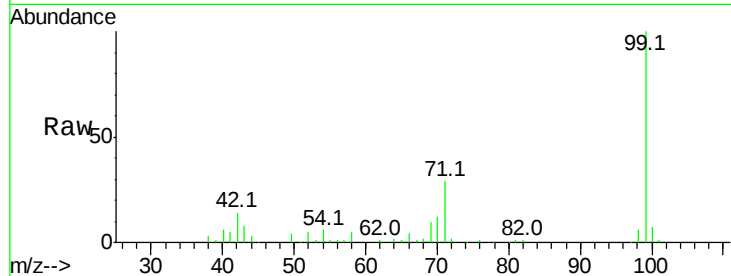
Tot Ion: 99 Resp: 116717

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

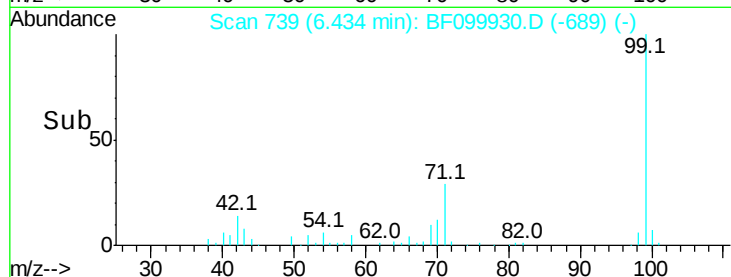
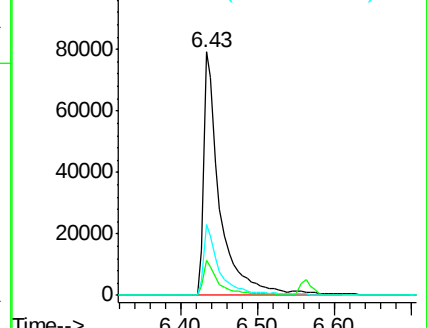
71 29.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099930.D

Acq: 28 Oct 2017 21:14

Tgt Ion: 136 Resp: 406533

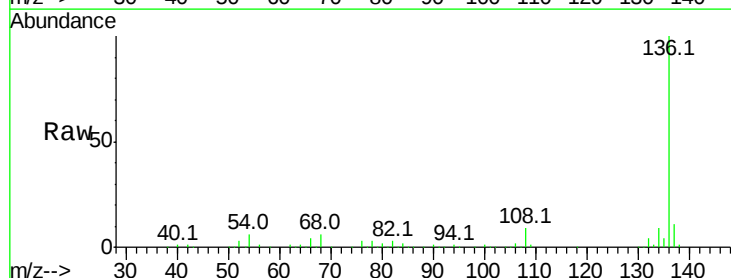
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.5 5.0 7.4

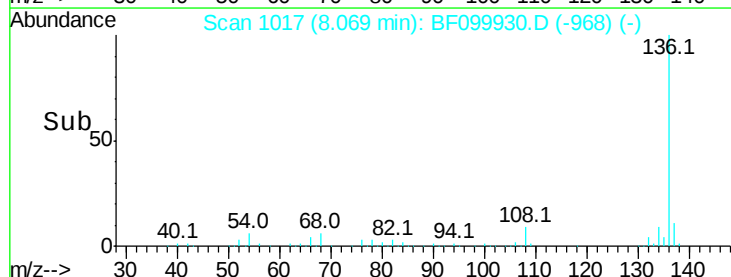
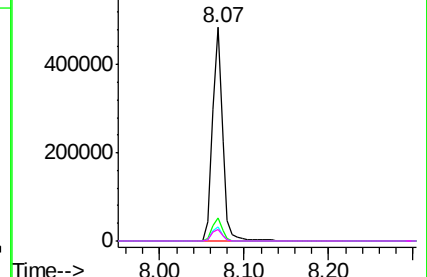


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

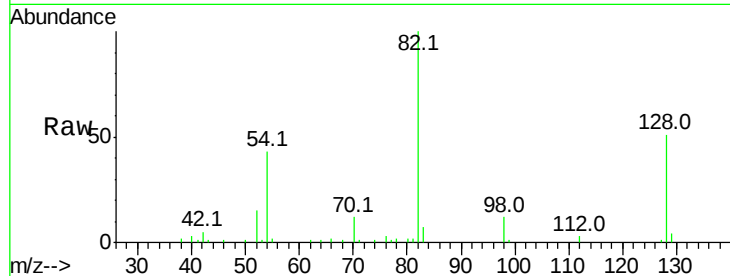




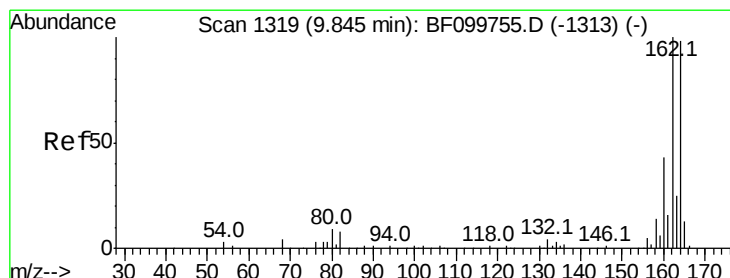
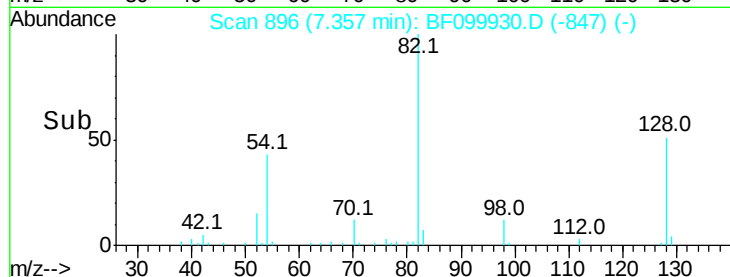
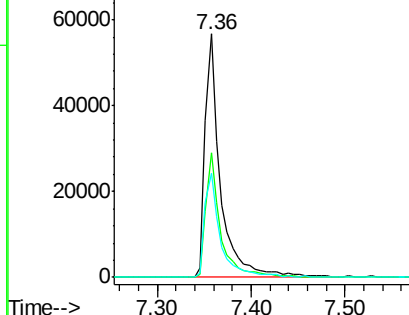
#23
 Nitrobenzene-d5
 Concen: 10.278 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099930.D
 Acq: 28 Oct 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-102517-C

Tot Ion: 82 Resp: 64902
 Ion Ratio Lower Upper
 82 100
 128 51.1 36.1 54.1
 54 43.0 41.4 62.2

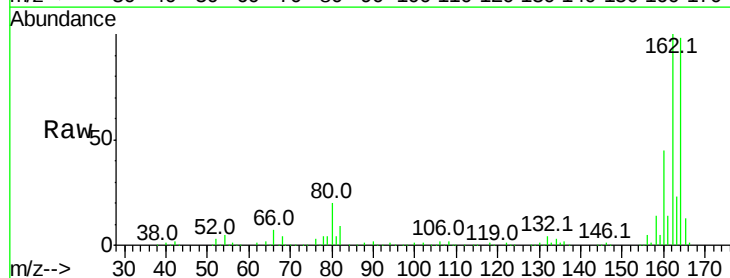


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

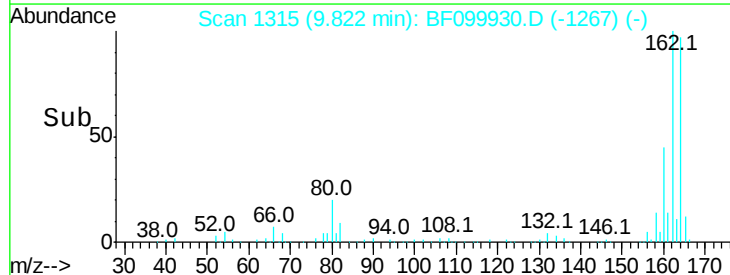
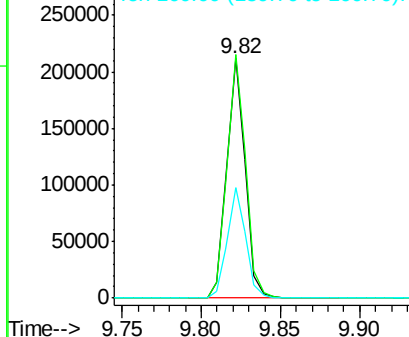


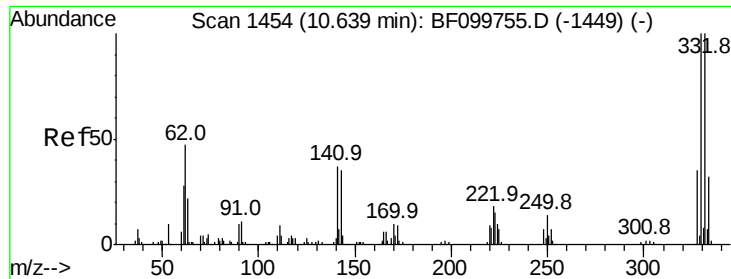
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099930.D
 Acq: 28 Oct 2017 21:14

Tgt Ion:164 Resp: 169446
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.2 38.3 57.5



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

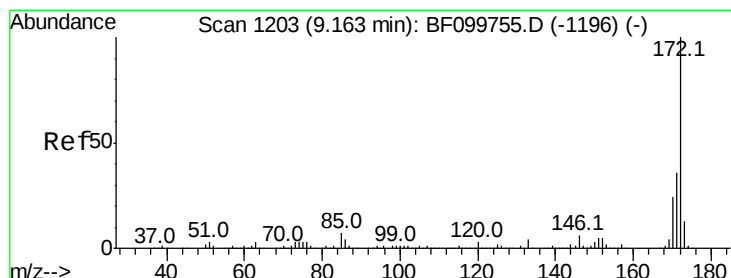
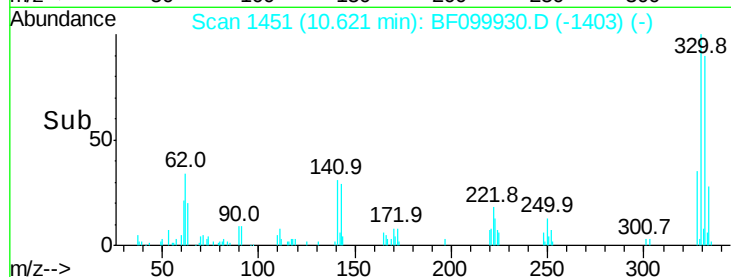
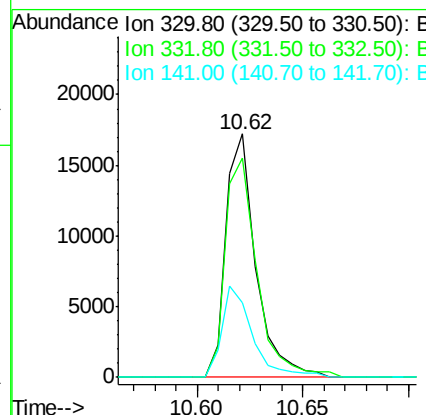
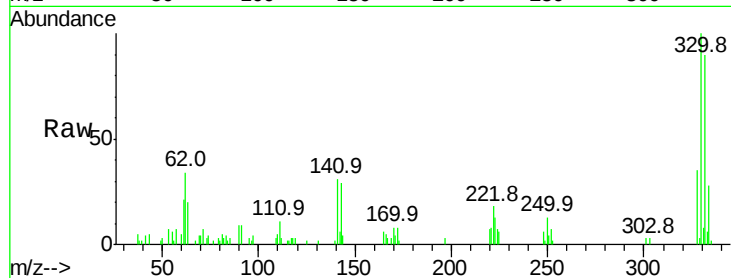




#41
 2,4,6-Tribromophenol
 Concen: 10.988 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099930.D
 Acq: 28 Oct 2017 21:14

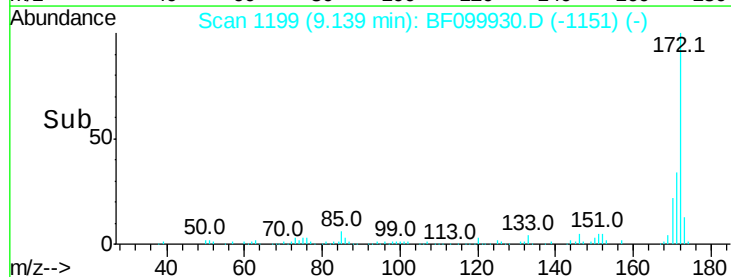
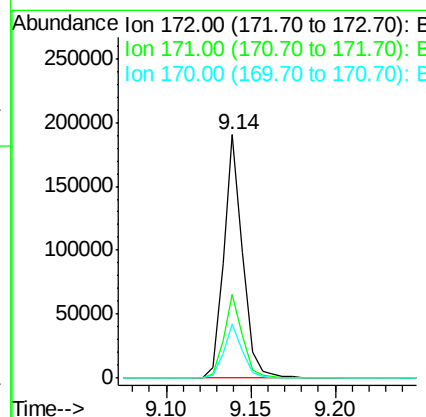
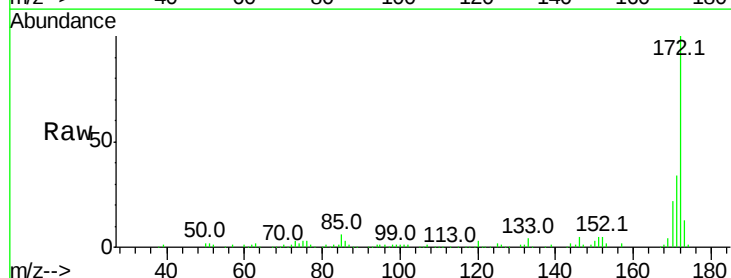
Instrument :
 BNA_F
 ClientSampleId :
 AU-06-102517-C

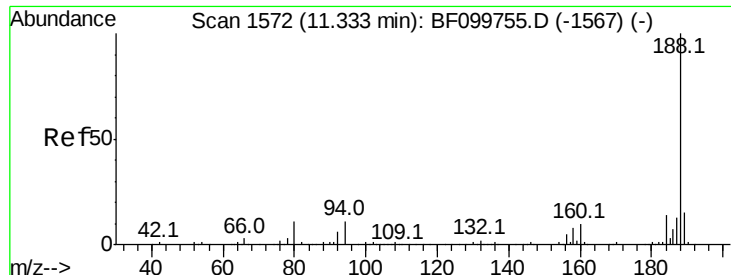
Tot Ion:330 Resp: 16968
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 38.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 13.508 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099930.D
 Acq: 28 Oct 2017 21:14

Tgt Ion:172 Resp: 148356
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 22.2 19.6 29.4

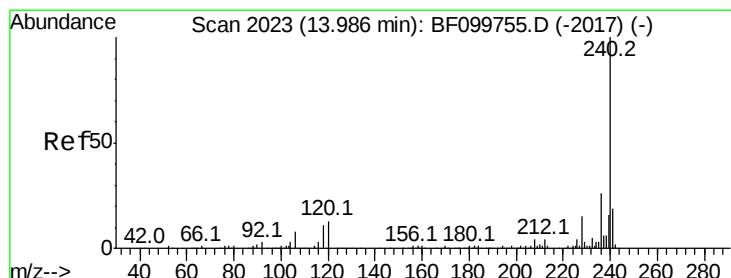
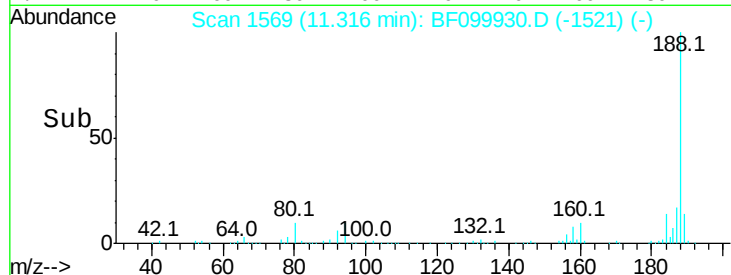
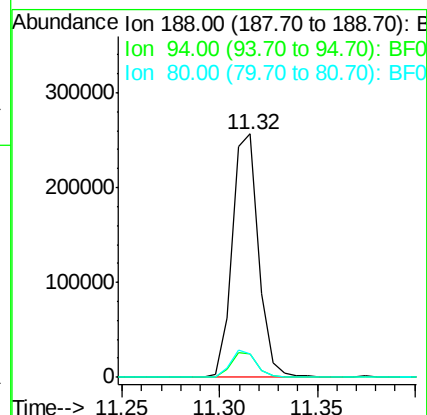
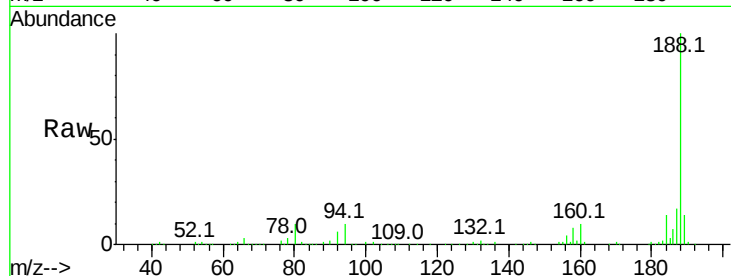




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099930.D
Acq: 28 Oct 2017 21:14

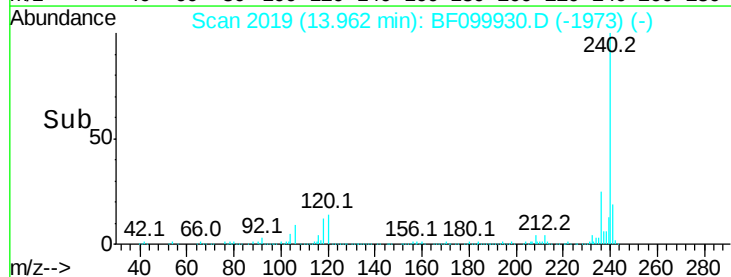
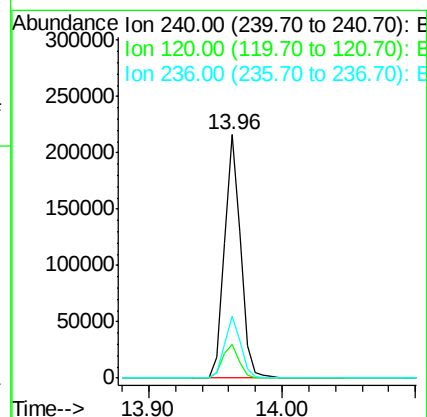
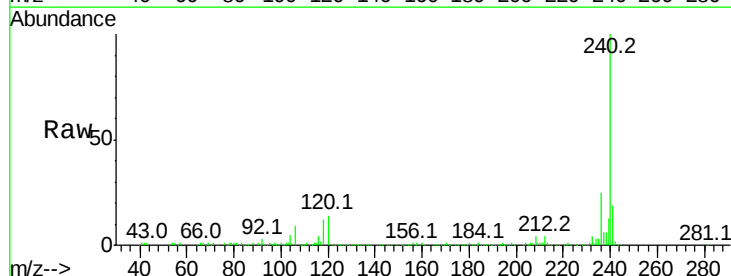
Instrument :
BNA_F
ClientSampleId :
AU-06-102517-C

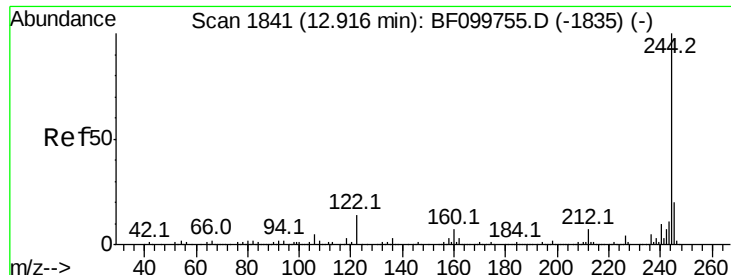
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099930.D
Acq: 28 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.2	20.7	31.1





#78

Terphenyl-d14

Concen: 9.667 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.03 min

Lab File: BF099930.D

Acq: 28 Oct 2017 21:14

Instrument :

BNA_F

ClientSampleId :

AU-06-102517-C

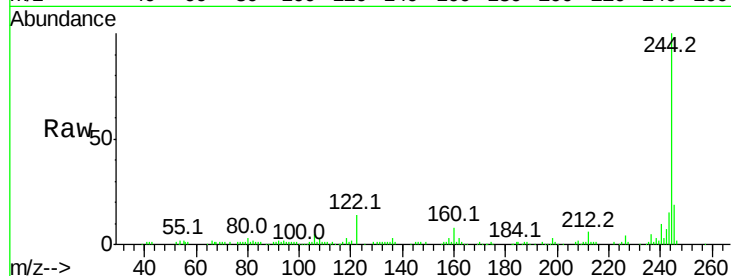
Tot Ion:244 Resp: 82076

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

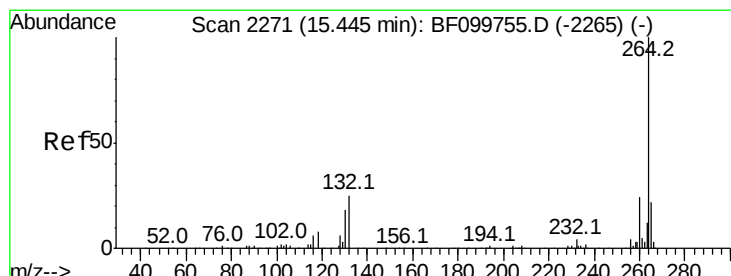
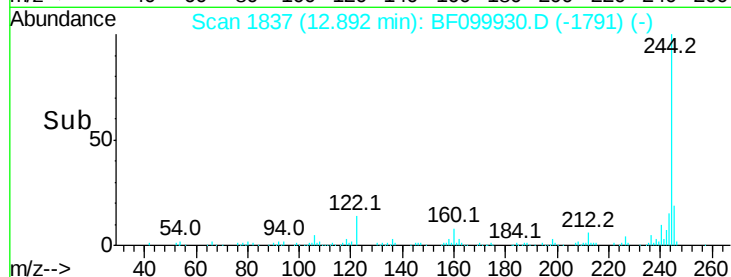
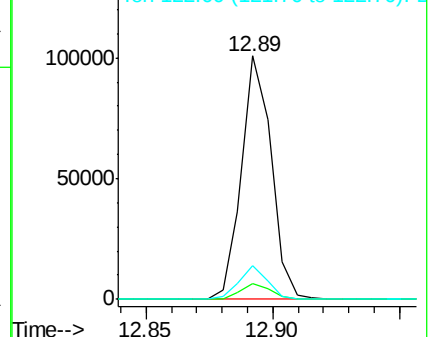
122 13.8 11.0 16.4



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. -0.03 min

Lab File: BF099930.D

Acq: 28 Oct 2017 21:14

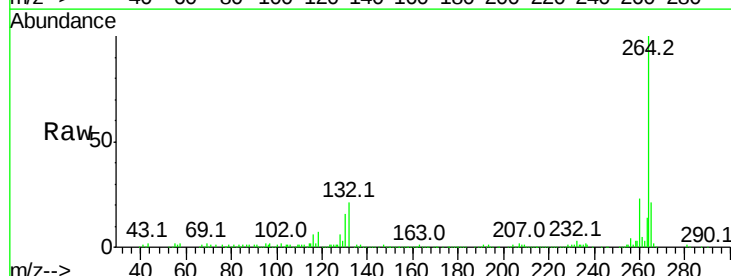
Tgt Ion:264 Resp: 184315

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.5 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

