

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099916.D
 Acq On : 28 Oct 2017 14:44
 Operator : SJ/JU
 Sample : I6071-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-5(10-15)

Quant Time: Oct 30 02:42:41 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

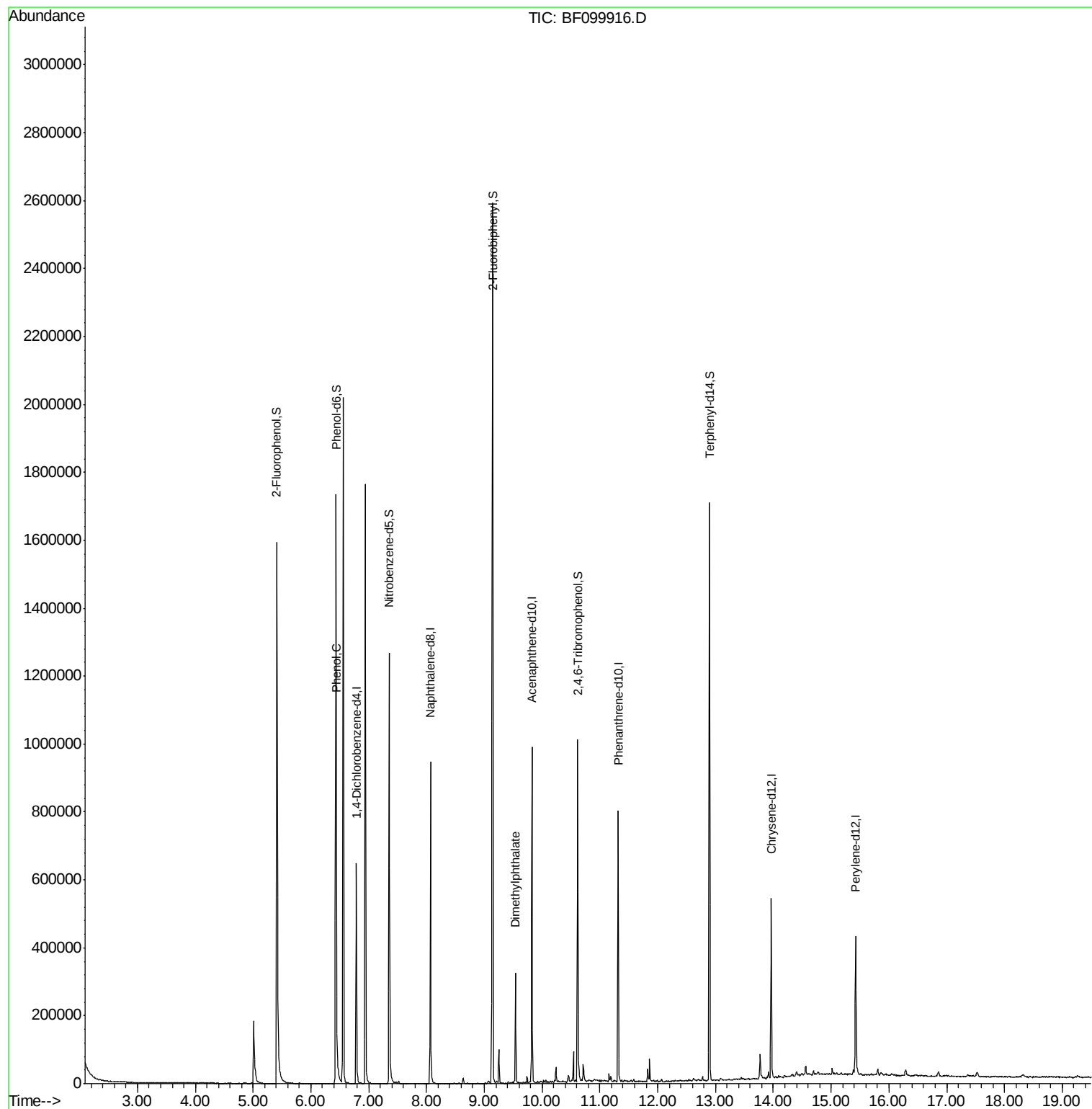
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	108949	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	442549	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	190462	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	287722	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	177217	20.00	ng	-0.03
86) Perylene-d12	15.43	264	194255	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	615045	88.63	ng	0.00
7) Phenol-d6	6.43	99	735470	89.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	432358	62.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	128755	74.18	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	886928	71.85	ng	-0.01
78) Terphenyl-d14	12.90	244	544586	67.16	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	19520	2.161	ng	89
49) Dimethylphthalate	9.54	163	133201	8.831	ng	100

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

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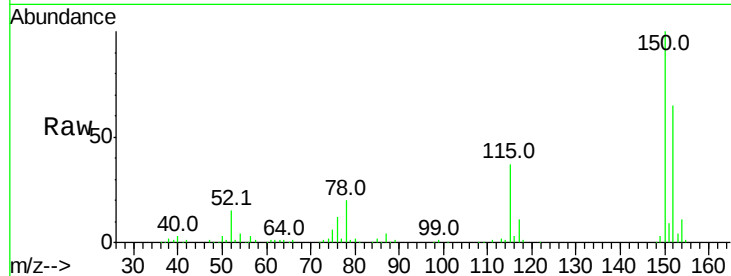


#1

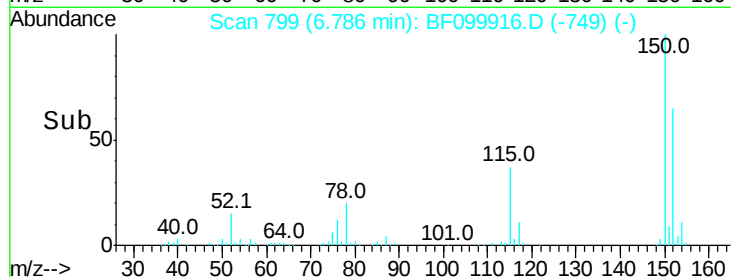
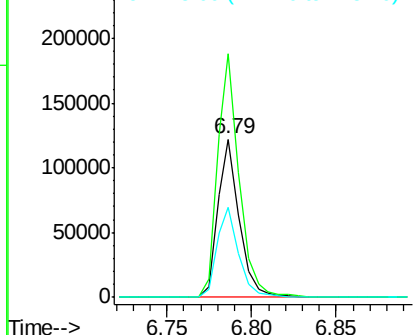
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-5(10-15)

Tot Ion:152 Resp: 108949
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 56.5 50.1 75.1



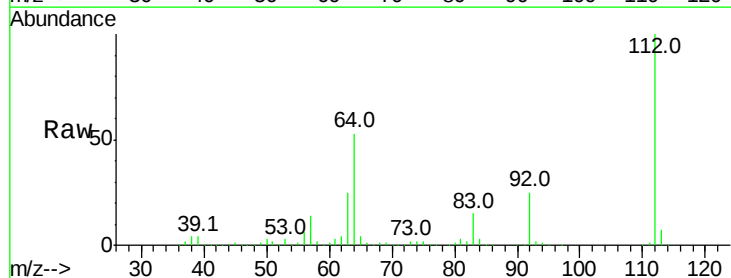
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



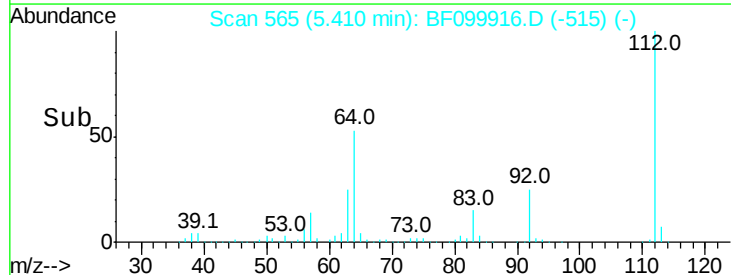
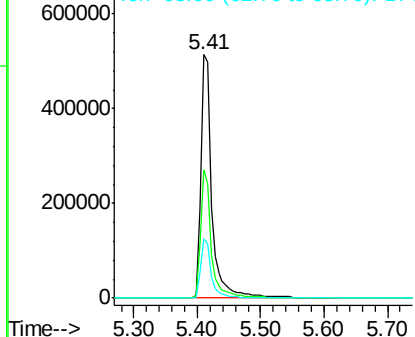
#5

2-Fluorophenol
 Concen: 88.629 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

Tgt Ion:112 Resp: 615045
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 24.6 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: 89.382 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(10-15)

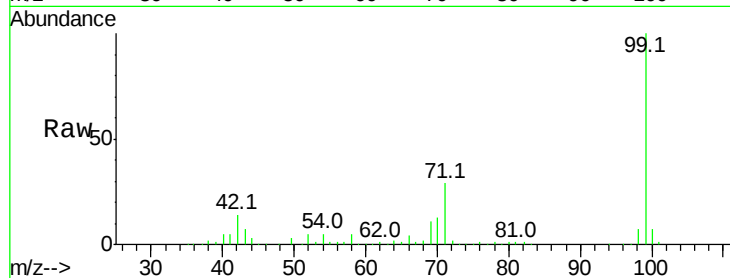
Tot Ion: 99 Resp: 735470

Ion Ratio Lower Upper

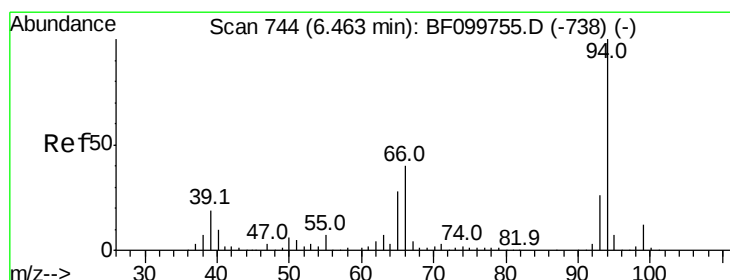
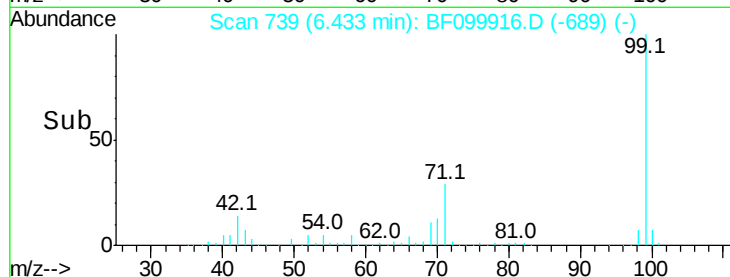
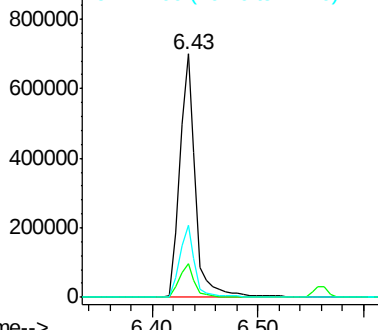
99 100

42 13.7 14.5 21.7#

71 29.5 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



#10

Phenol

Concen: 2.161 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

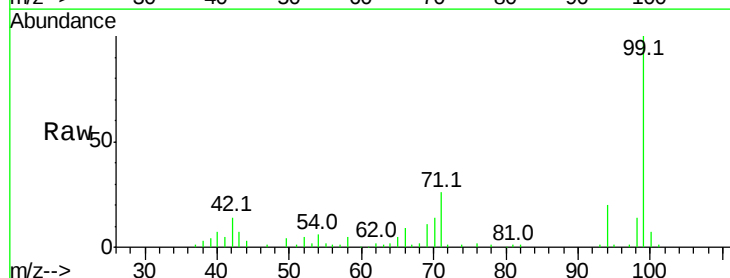
Tgt Ion: 94 Resp: 19520

Ion Ratio Lower Upper

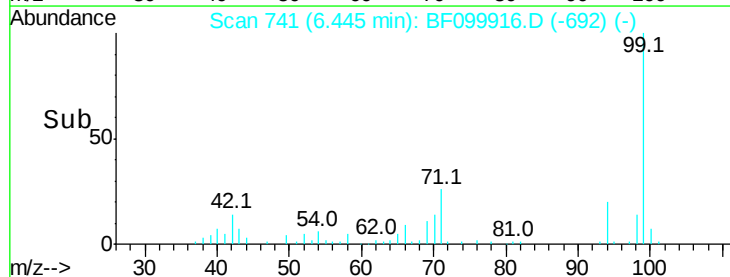
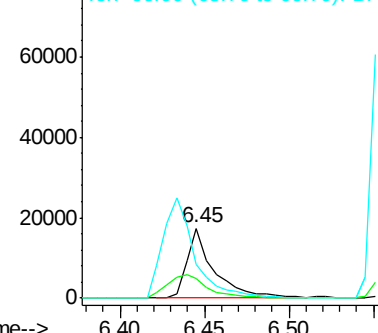
94 100

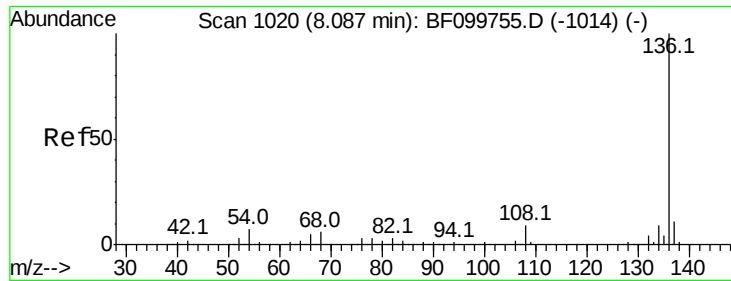
65 27.4 7.9 47.9

66 47.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

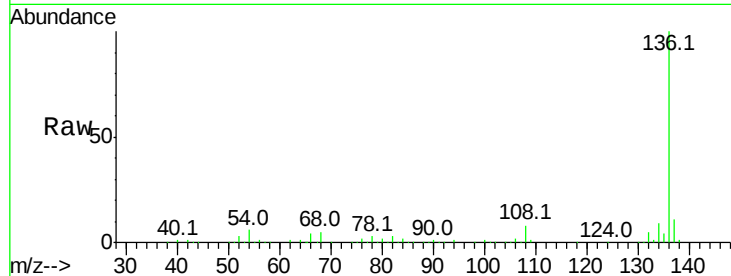




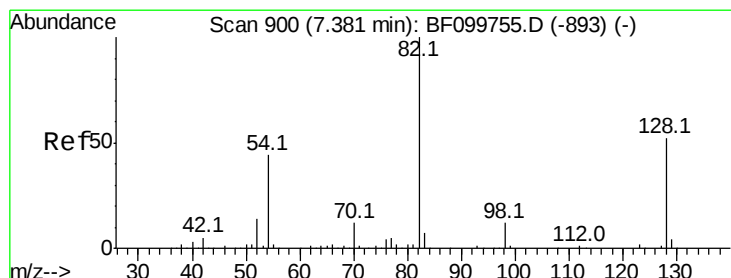
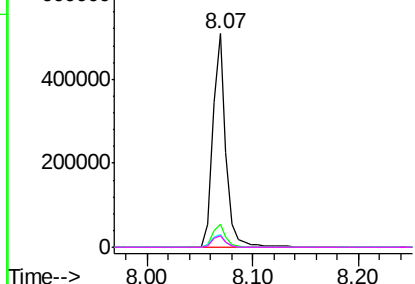
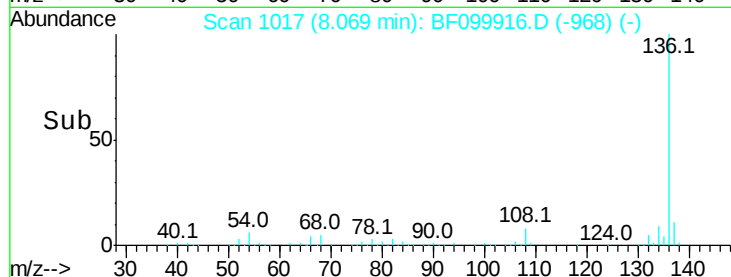
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Instrument :
BNA_F
ClientSampleId :
ENV-116-5(10-15)

Tot Ion:	136	Resp:	442549
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8#
68	5.3	5.0	7.4

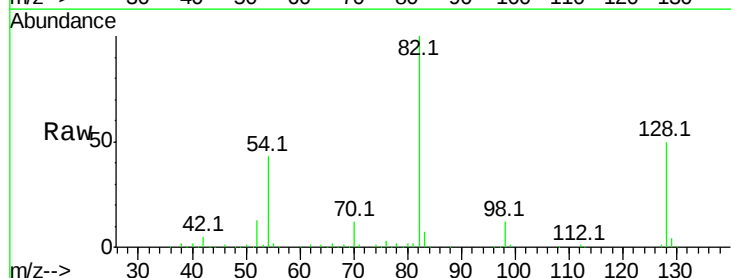


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

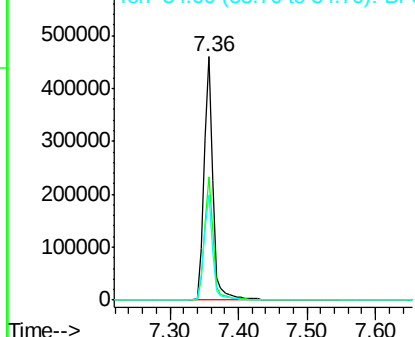
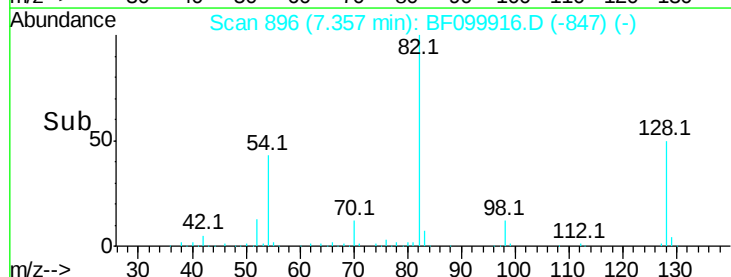


#23
Nitrobenzene-d5
Concen: 62.898 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Tgt Ion:	82	Resp:	432358
Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	43.2	41.4	62.2



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

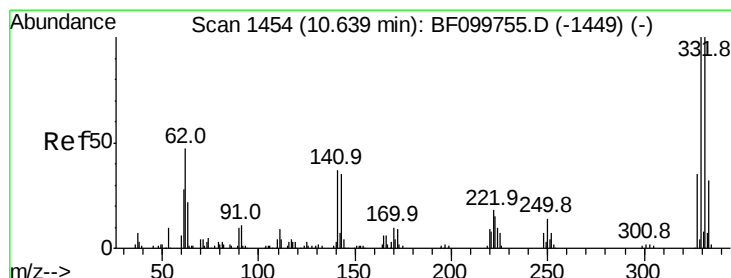
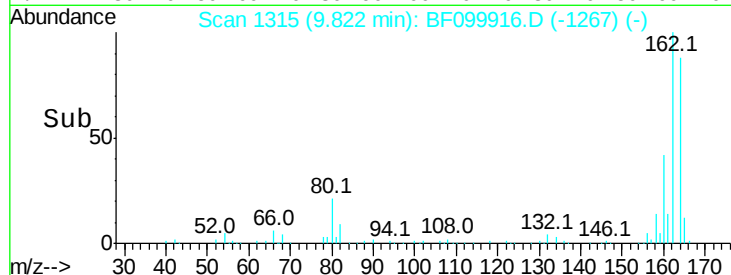
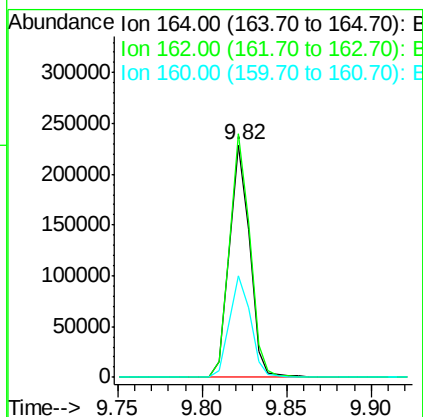
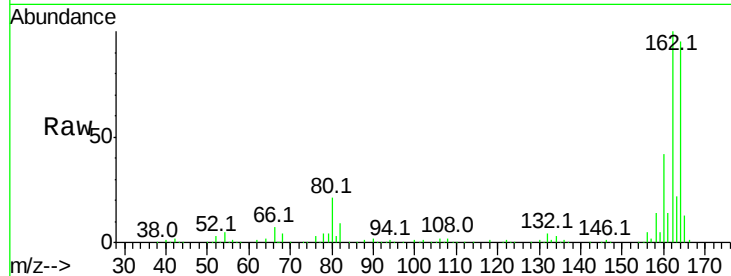




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

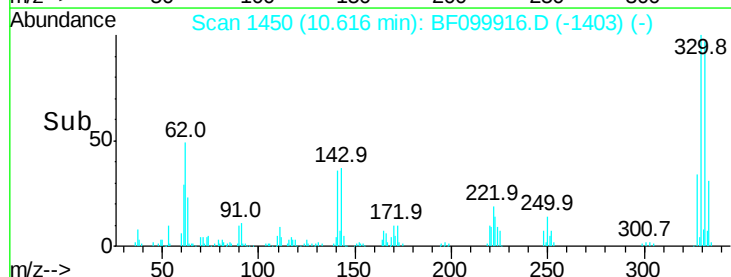
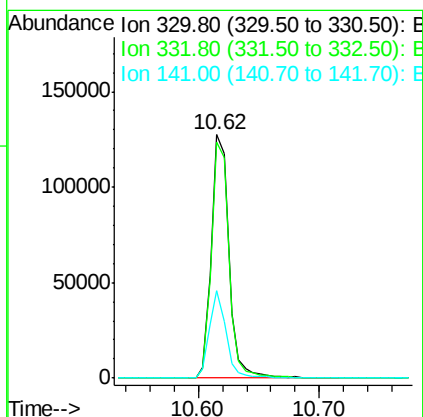
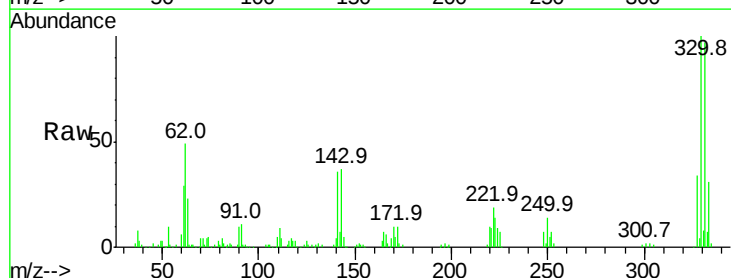
Instrument :
BNA_F
ClientSampleId :
ENV-116-5(10-15)

Tot Ion:164 Resp: 190462
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 43.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 74.180 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Tgt Ion:330 Resp: 128755
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 34.1 29.9 44.9

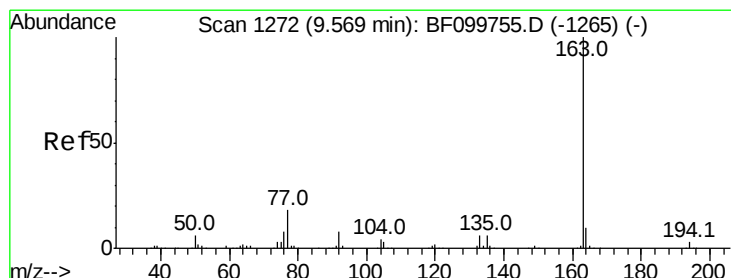
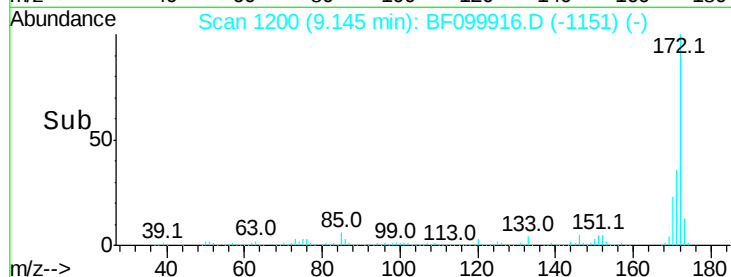
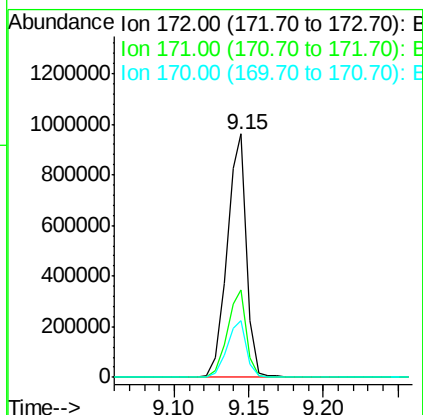
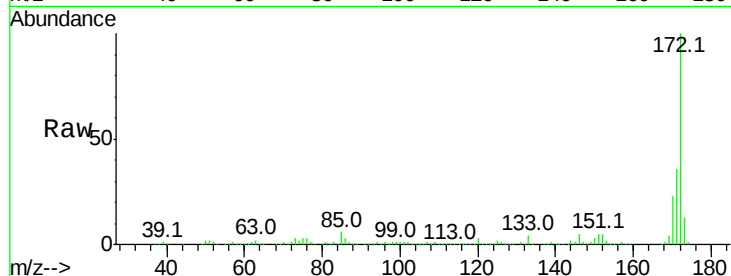




#44
2-Fluorobiphenyl
Concen: 71.846 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

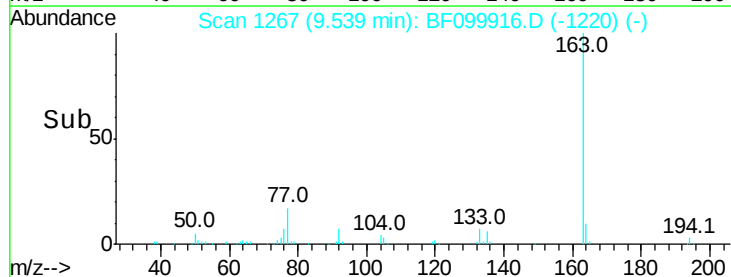
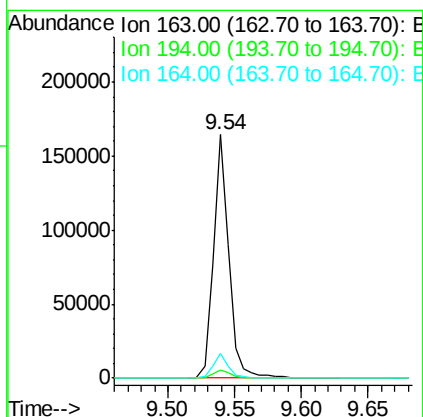
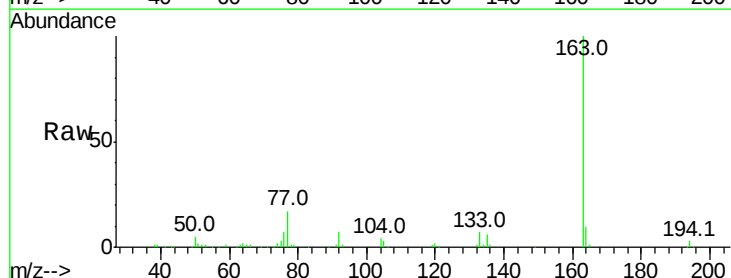
Instrument :
BNA_F
ClientSampleId :
ENV-116-5(10-15)

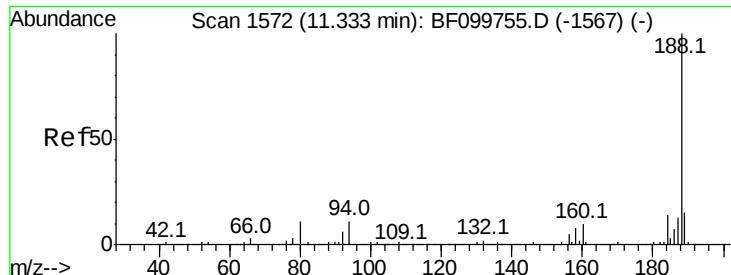
Tot Ion:172 Resp: 886928
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 8.831 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Tgt Ion:163 Resp: 133201
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(10-15)

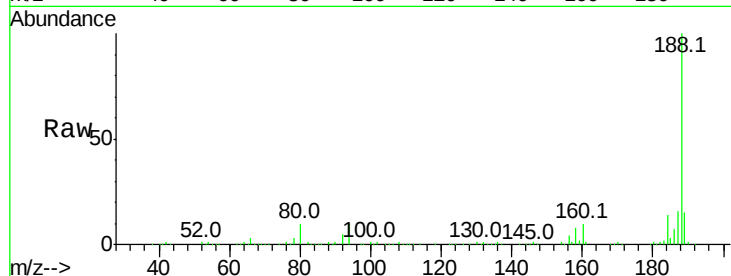
Tot Ion:188 Resp: 287722

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

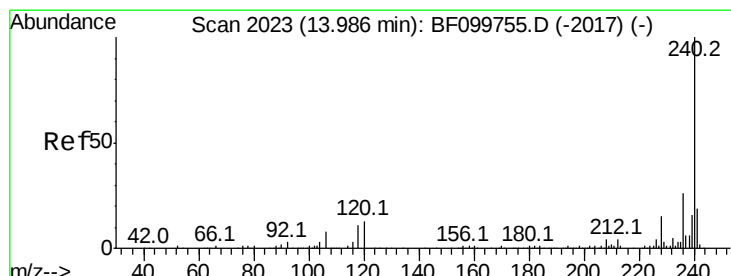
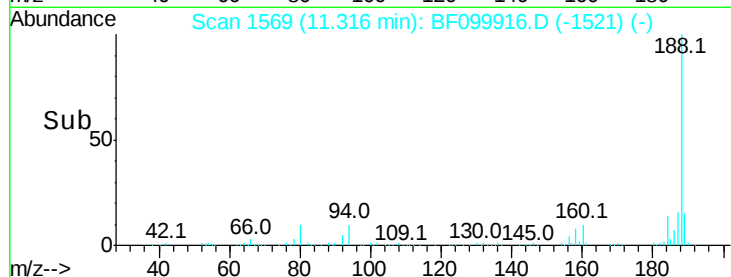
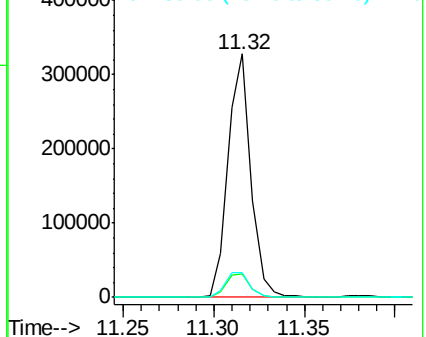
80 10.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

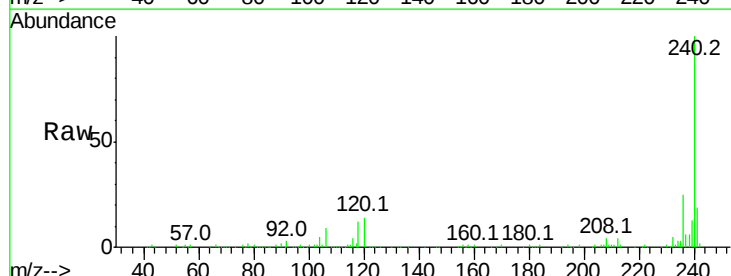
Tgt Ion:240 Resp: 177217

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

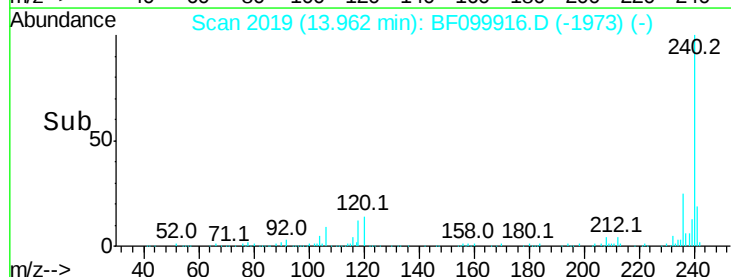
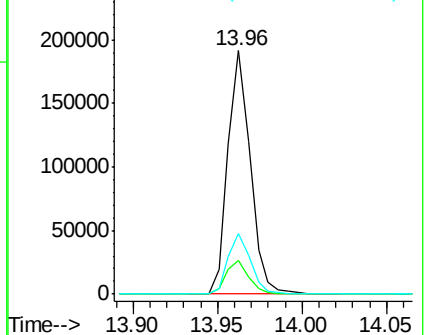
236 24.9 20.7 31.1

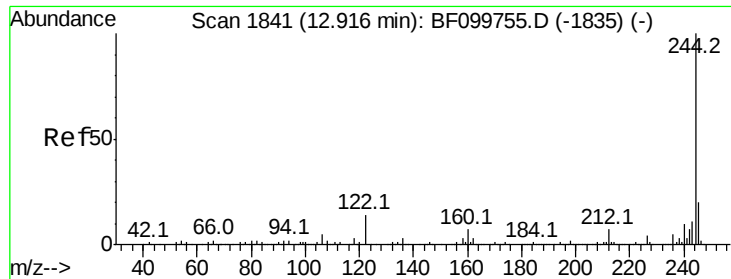


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.156 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(10-15)

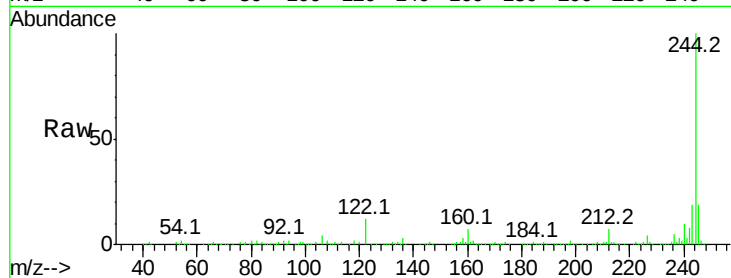
Tot Ion:244 Resp: 544586

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 12.2 11.0 16.4

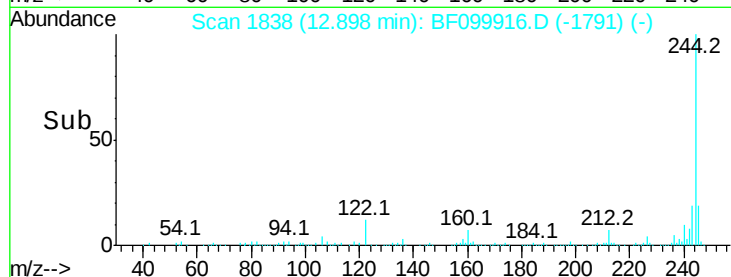


Abundance Ion 244.00 (243.70 to 244.70): E

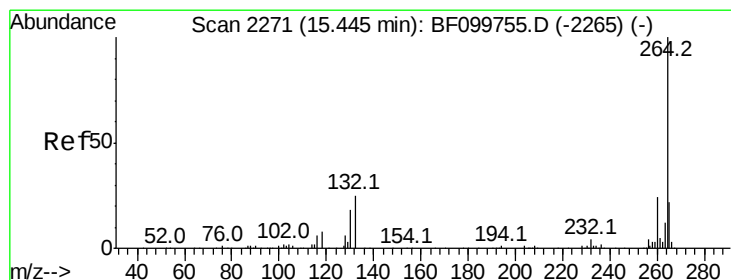
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

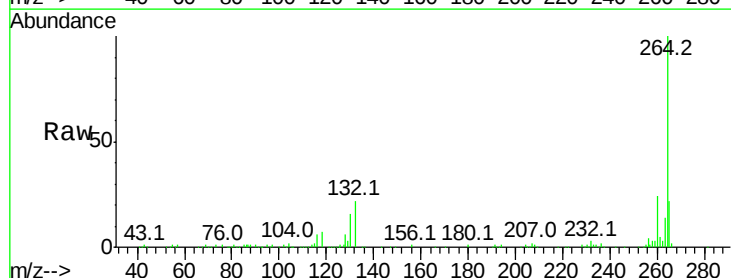
Tgt Ion:264 Resp: 194255

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 17.5 26.3

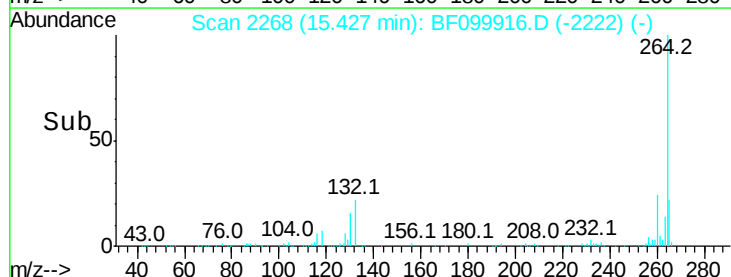


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->