

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099564.D
 Acq On : 17 Oct 2017 00:35
 Operator : SJ/JU
 Sample : I5752-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-8(5-10)RE

Quant Time: Oct 17 02:58:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

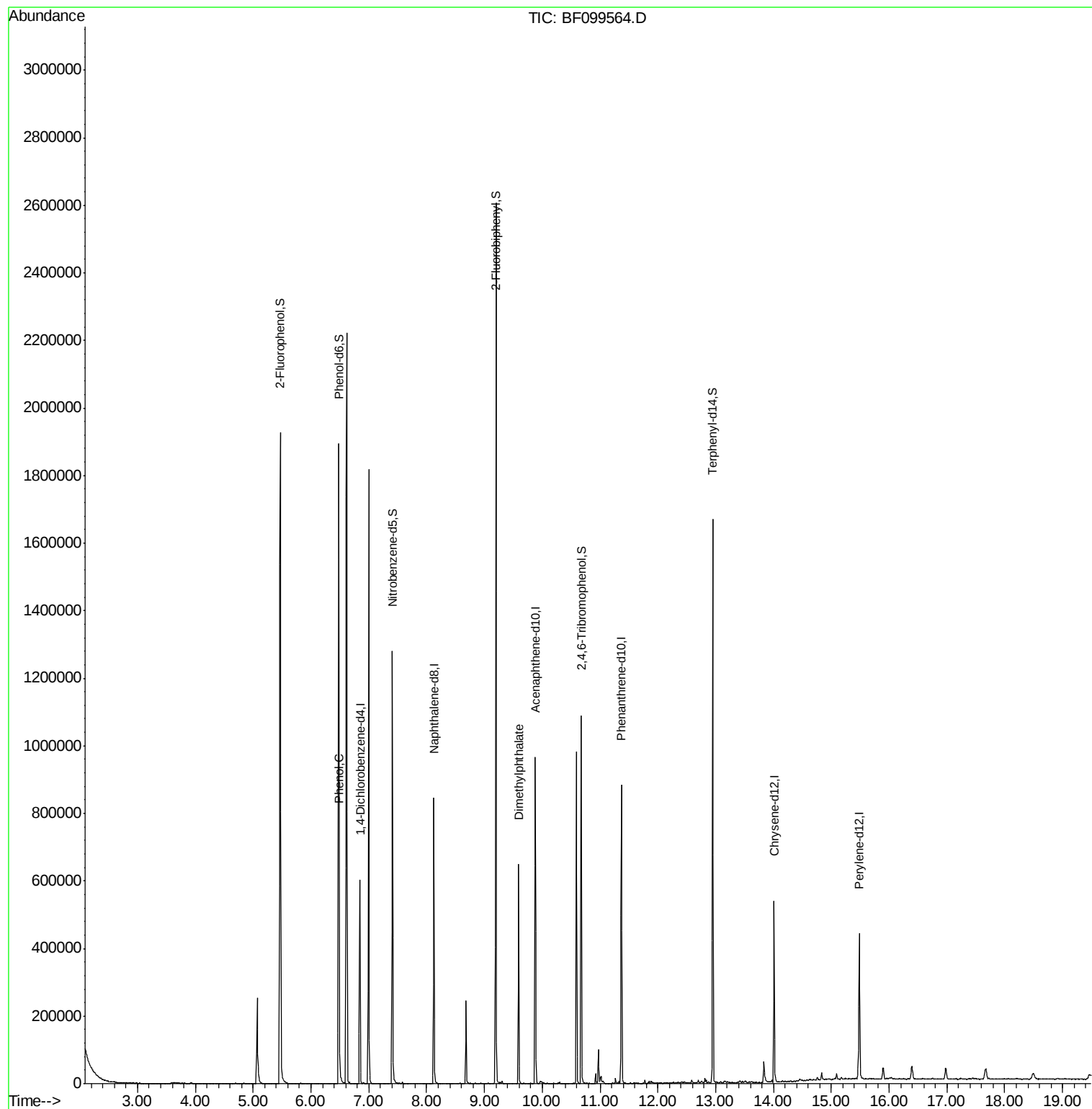
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100451	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	407653	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	177506	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	280719	20.00	ng	0.00
75) Chrysene-d12	14.01	240	179342	20.00	ng	0.00
86) Perylene-d12	15.49	264	187884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	605161	95.90	ng	0.00
7) Phenol-d6	6.48	99	717620	92.19	ng	0.00
23) Nitrobenzene-d5	7.41	82	428211	67.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	134809	92.81	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	791591	74.45	ng	-0.01
78) Terphenyl-d14	12.95	244	506800	64.27	ng	0.00
Target Compounds						
10) Phenol	6.49	94	44570	5.120	ng	95
49) Dimethylphthalate	9.59	163	248687	18.563	ng	99

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

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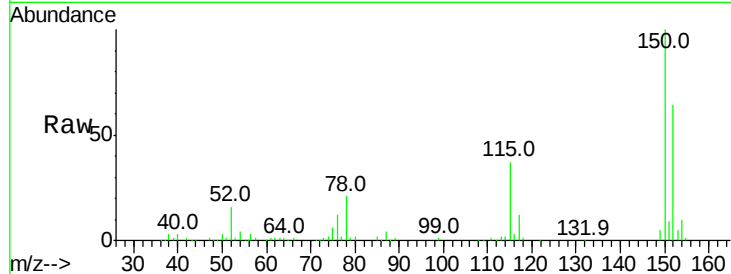


#1

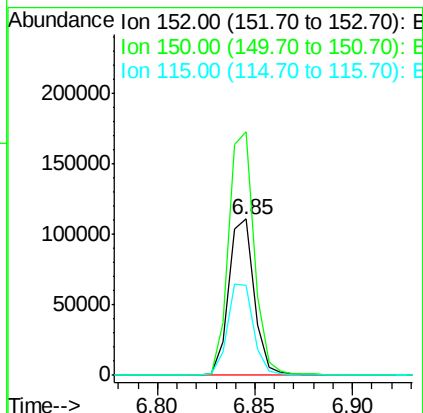
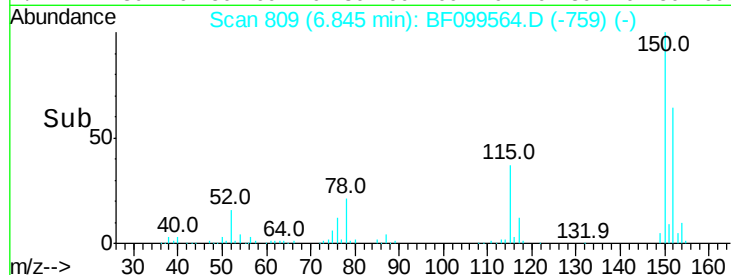
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099564.D
 Acq: 17 Oct 2017 00:35

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-8(5-10)RE

Tot Ion:152 Resp: 100451
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 57.8 50.1 75.1



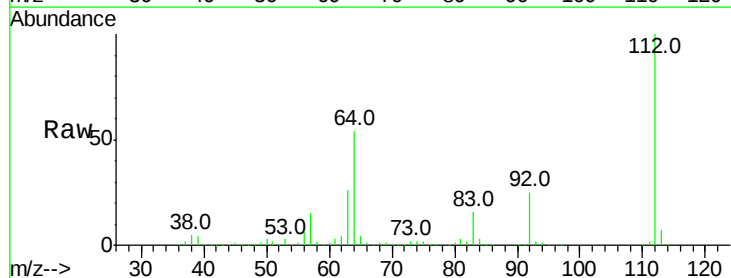
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



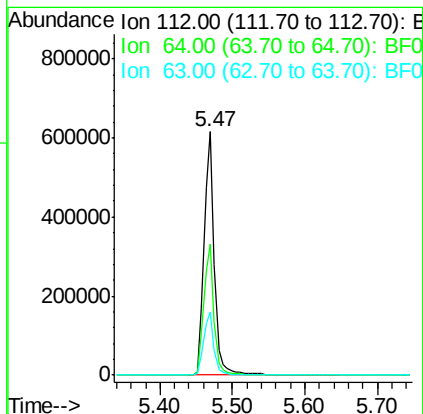
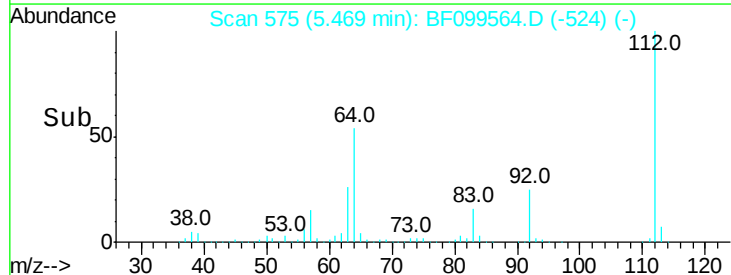
#5

2-Fluorophenol
 Concen: 95.903 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF099564.D
 Acq: 17 Oct 2017 00:35

Tgt Ion:112 Resp: 605161
 Ion Ratio Lower Upper
 112 100
 64 53.7 47.9 71.9
 63 25.9 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: 92.189 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099564.D

Acq: 17 Oct 2017 00:35

Instrument :

BNA_F

ClientSampleId :

ENV-116-8(5-10)RE

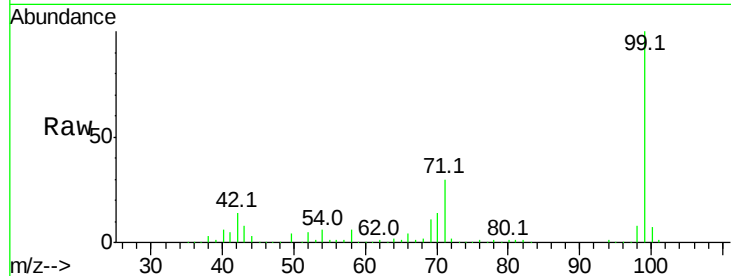
Tot Ion: 99 Resp: 717620

Ion Ratio Lower Upper

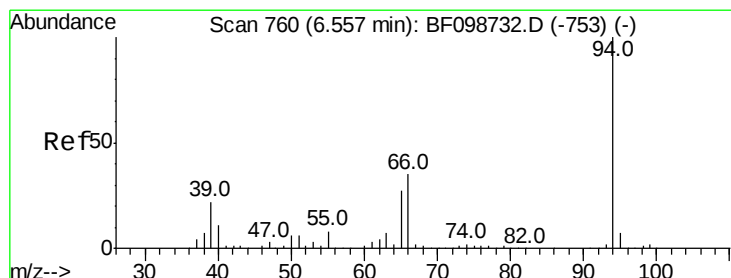
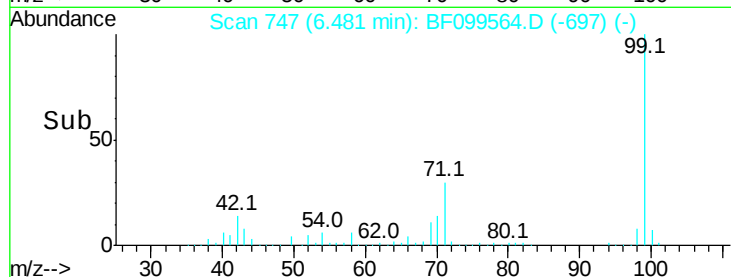
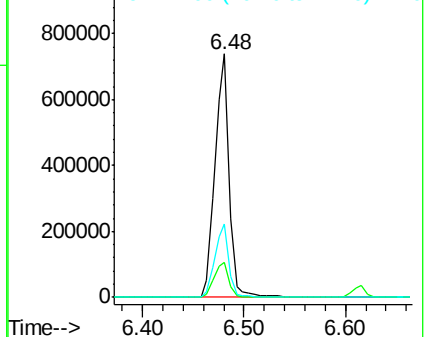
99 100

42 14.5 14.5 21.7

71 29.9 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: 5.120 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099564.D

Acq: 17 Oct 2017 00:35

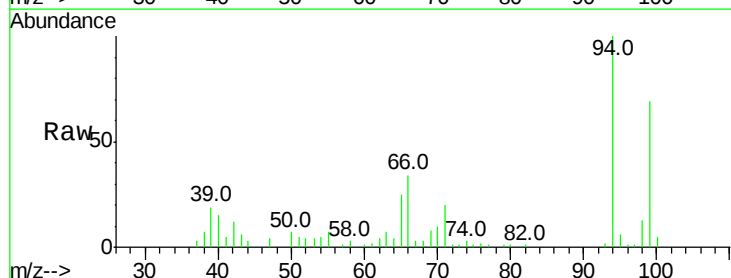
Tgt Ion: 94 Resp: 44570

Ion Ratio Lower Upper

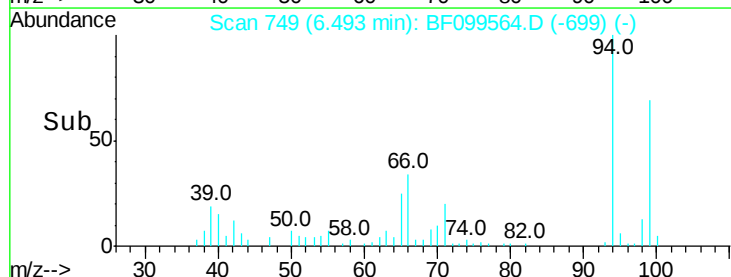
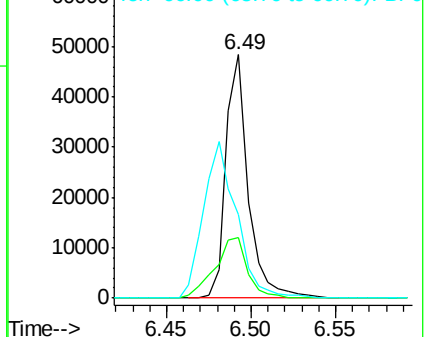
94 100

65 24.9 7.9 47.9

66 34.1 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

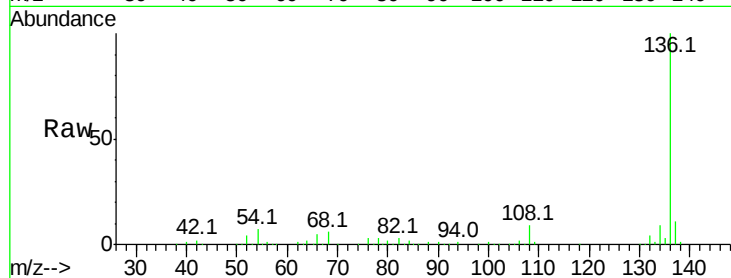




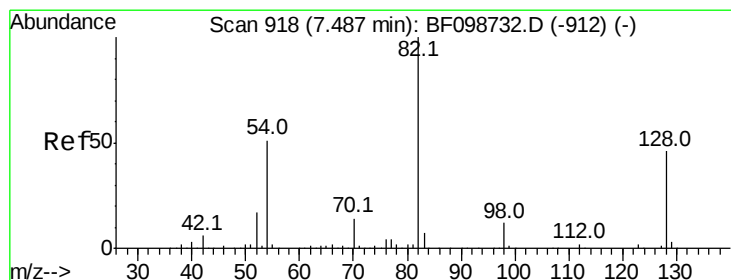
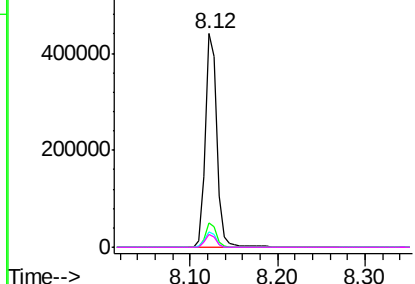
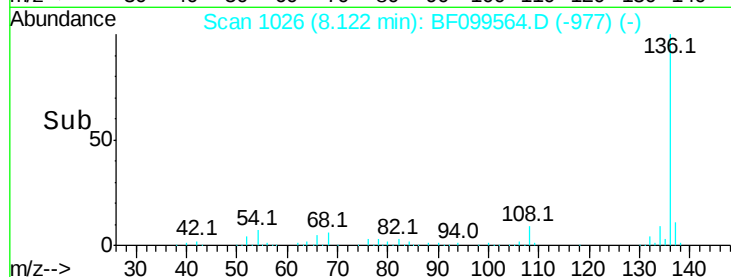
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099564.D
Acq: 17 Oct 2017 00:35

Instrument :
BNA_F
ClientSampleId :
ENV-116-8(5-10)RE

Tot Ion:136	Resp:	407653
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.3	6.6 9.8
68	6.3	5.0 7.4

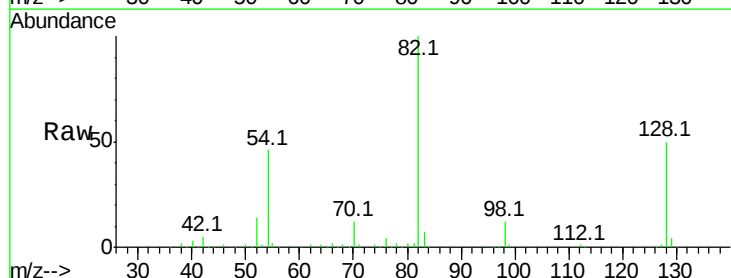


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

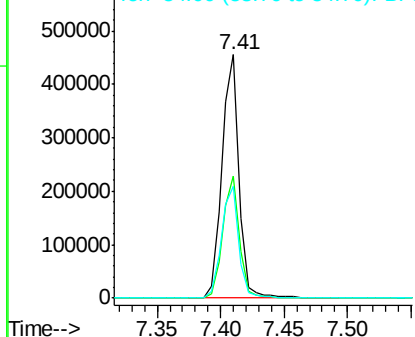
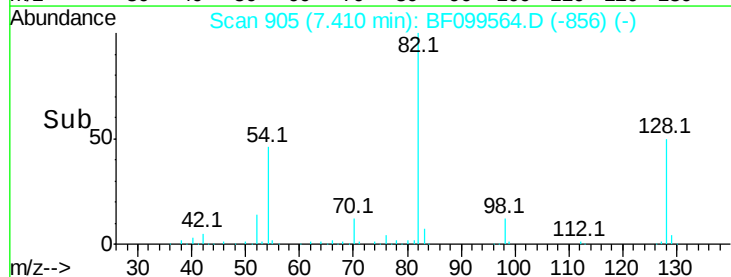


#23
Nitrobenzene-d5
Concen: 67.364 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099564.D
Acq: 17 Oct 2017 00:35

Tgt Ion: 82	Resp:	428211
Ion Ratio	Lower	Upper
82	100	
128	50.2	36.1 54.1
54	45.9	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

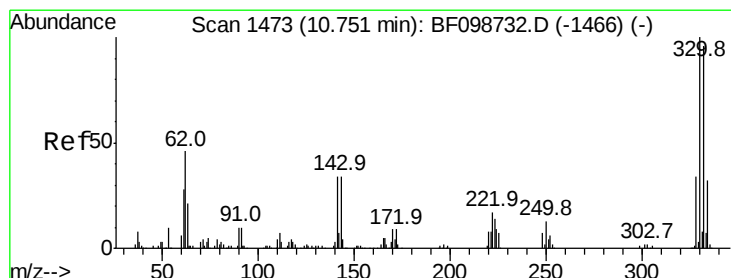
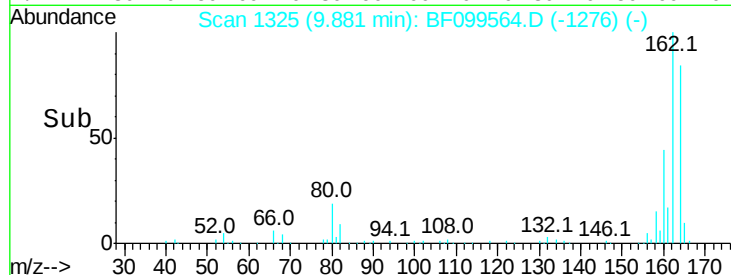
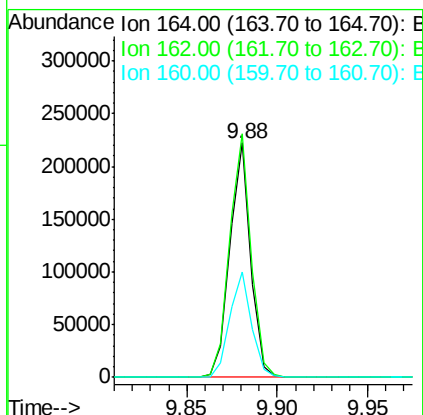
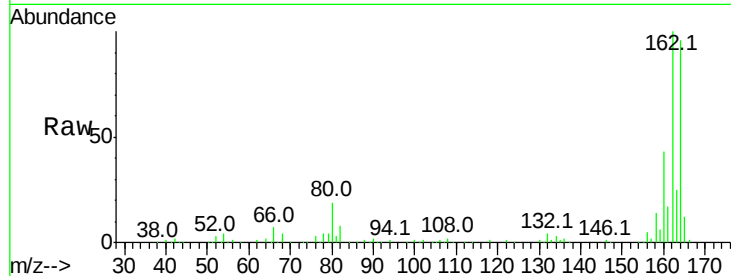




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099564.D
Acq: 17 Oct 2017 00:35

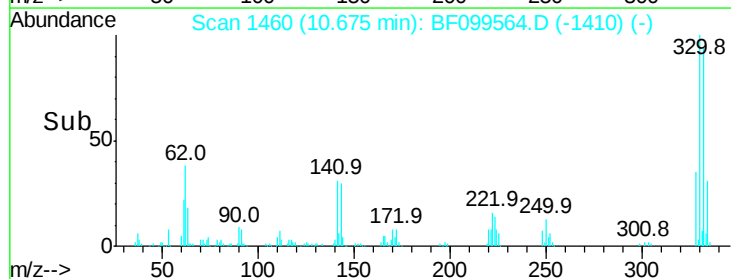
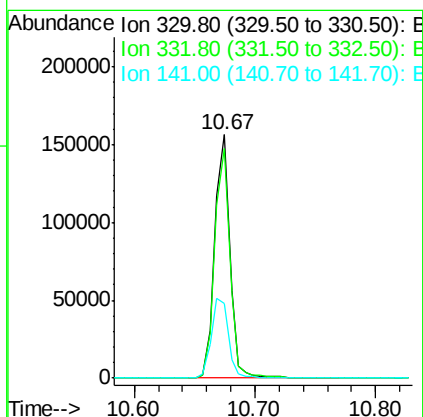
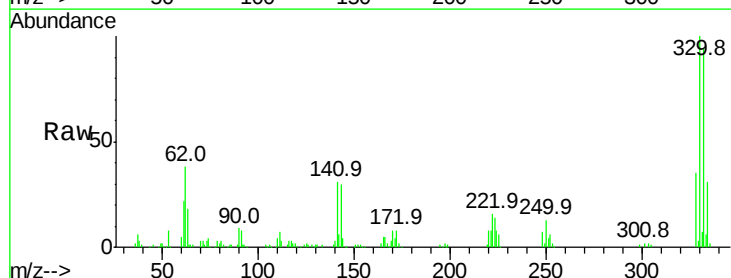
Instrument :
BNA_F
ClientSampleId :
ENV-116-8(5-10)RE

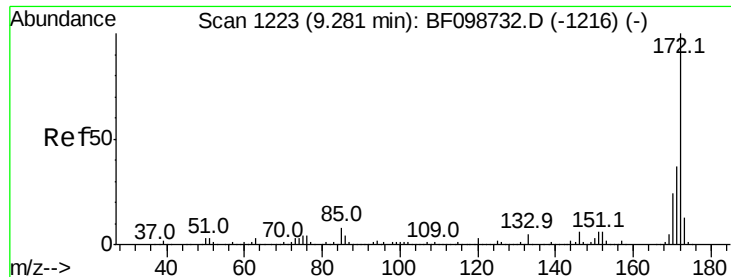
Tot Ion:164 Resp: 177506
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 44.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 92.813 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099564.D
Acq: 17 Oct 2017 00:35

Tgt Ion:330 Resp: 134809
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 37.0 29.9 44.9

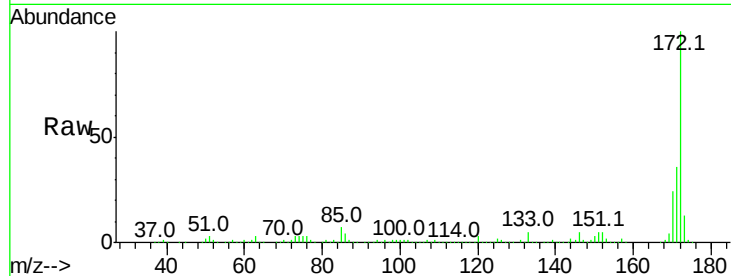




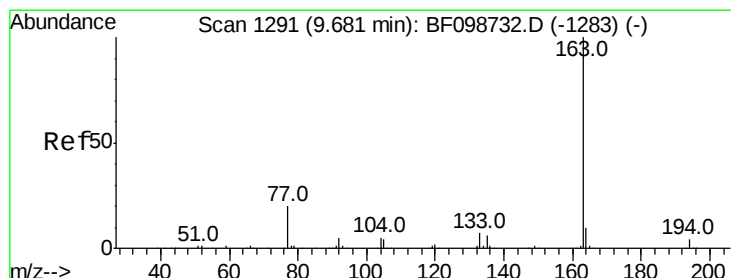
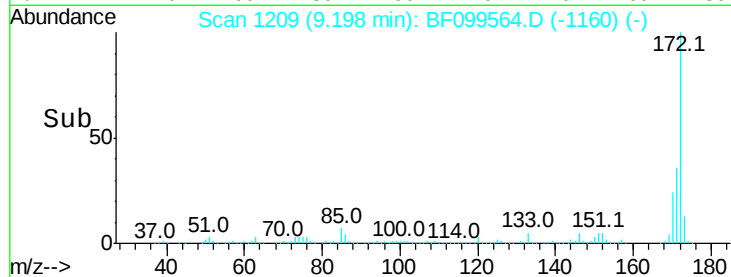
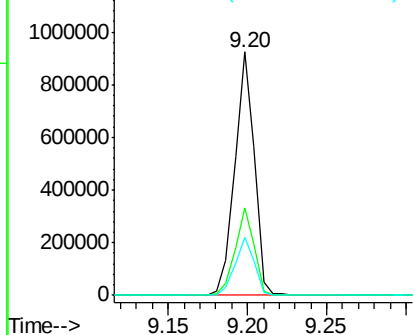
#44
 2-Fluorobiphenyl
 Concen: 74.448 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099564.D
 Acq: 17 Oct 2017 00:35

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-8(5-10)RE

Tot Ion:172 Resp: 791591
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4

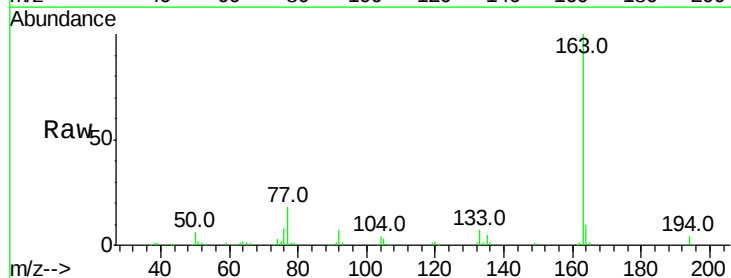


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

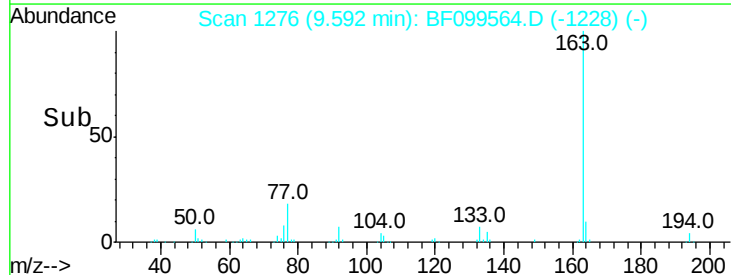
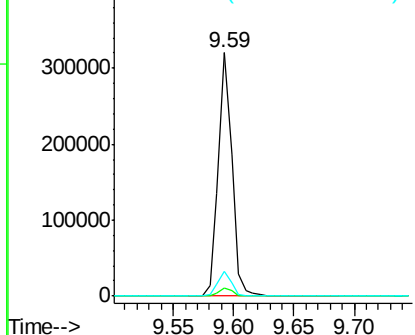


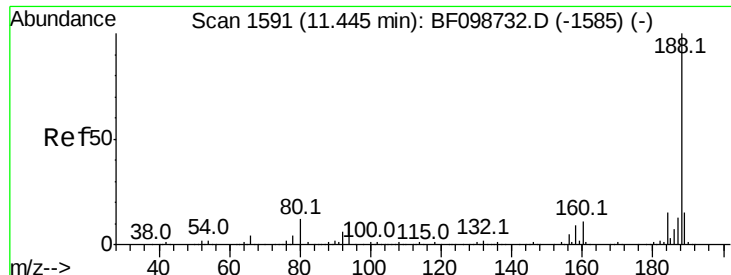
#49
 Dimethylphthalate
 Concen: 18.563 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF099564.D
 Acq: 17 Oct 2017 00:35

Tgt Ion:163 Resp: 248687
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

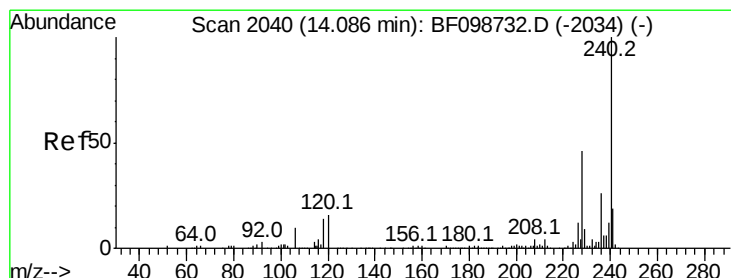
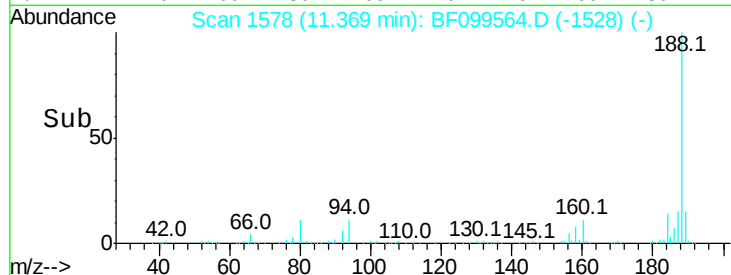
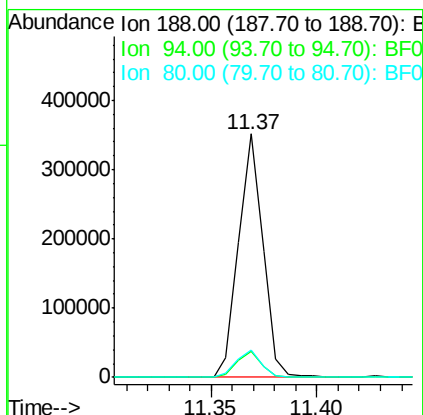
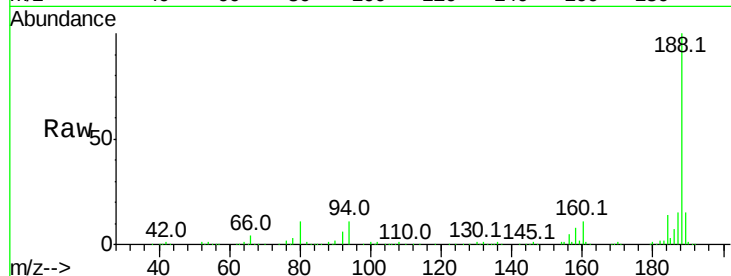




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099564.D
Acq: 17 Oct 2017 00:35

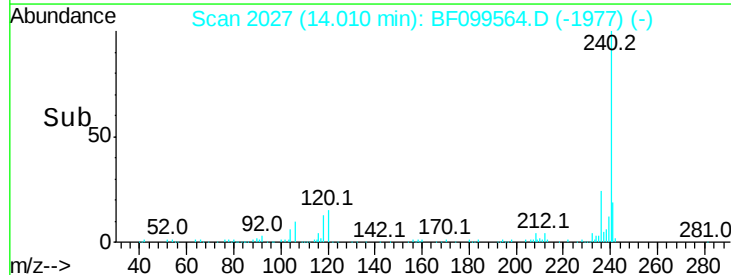
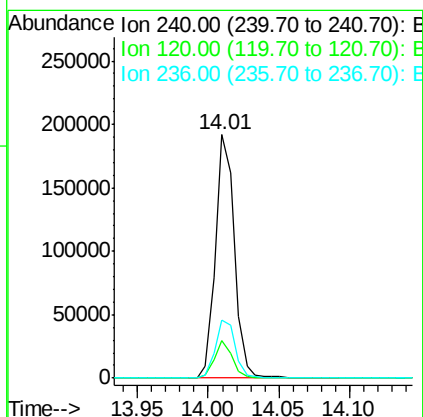
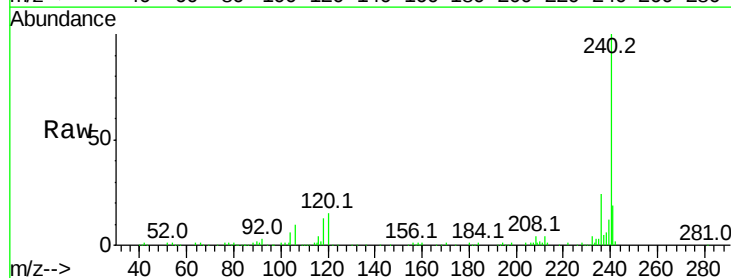
Instrument :
BNA_F
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ENV-116-8(5-10)RE

Tot Ion:188 Resp: 280719
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099564.D
Acq: 17 Oct 2017 00:35

Tgt Ion:240 Resp: 179342
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 24.1 20.7 31.1





#78

Terphenyl-d14

Concen: 64.266 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099564.D

Acq: 17 Oct 2017 00:35

Instrument :

BNA_F

ClientSampleId :

ENV-116-8(5-10)RE

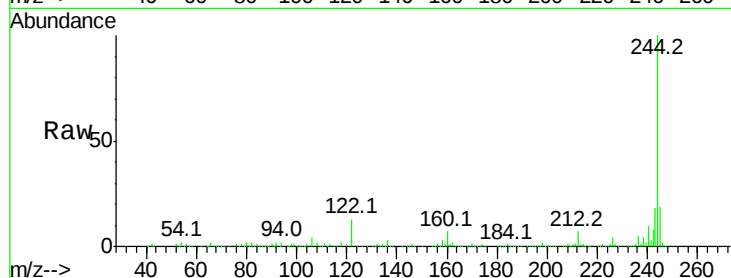
Tot Ion:244 Resp: 506800

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

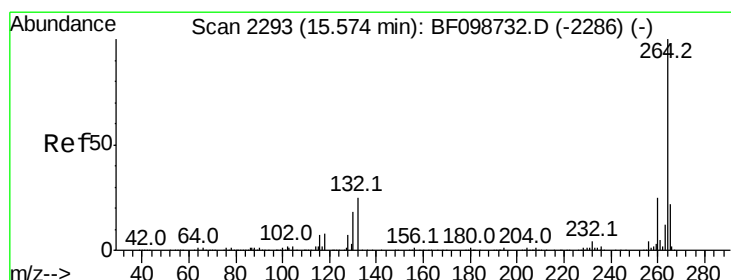
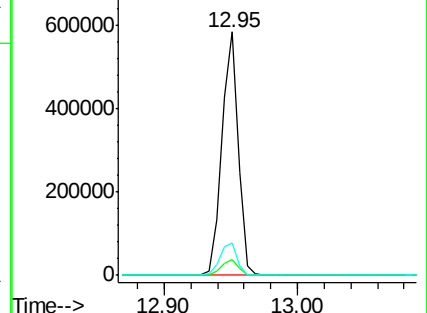
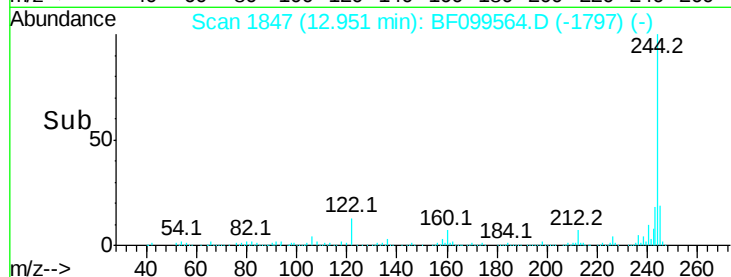
122 13.3 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099564.D

Acq: 17 Oct 2017 00:35

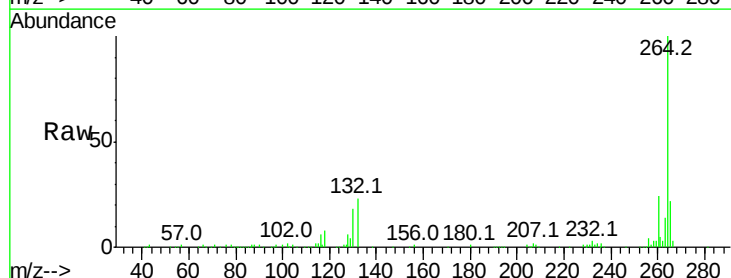
Tgt Ion:264 Resp: 187884

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 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

