

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099587.D
 Acq On : 17 Oct 2017 18:05
 Operator : SJ/JU
 Sample : I5794-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-4(0-5)

Quant Time: Oct 17 23:45:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

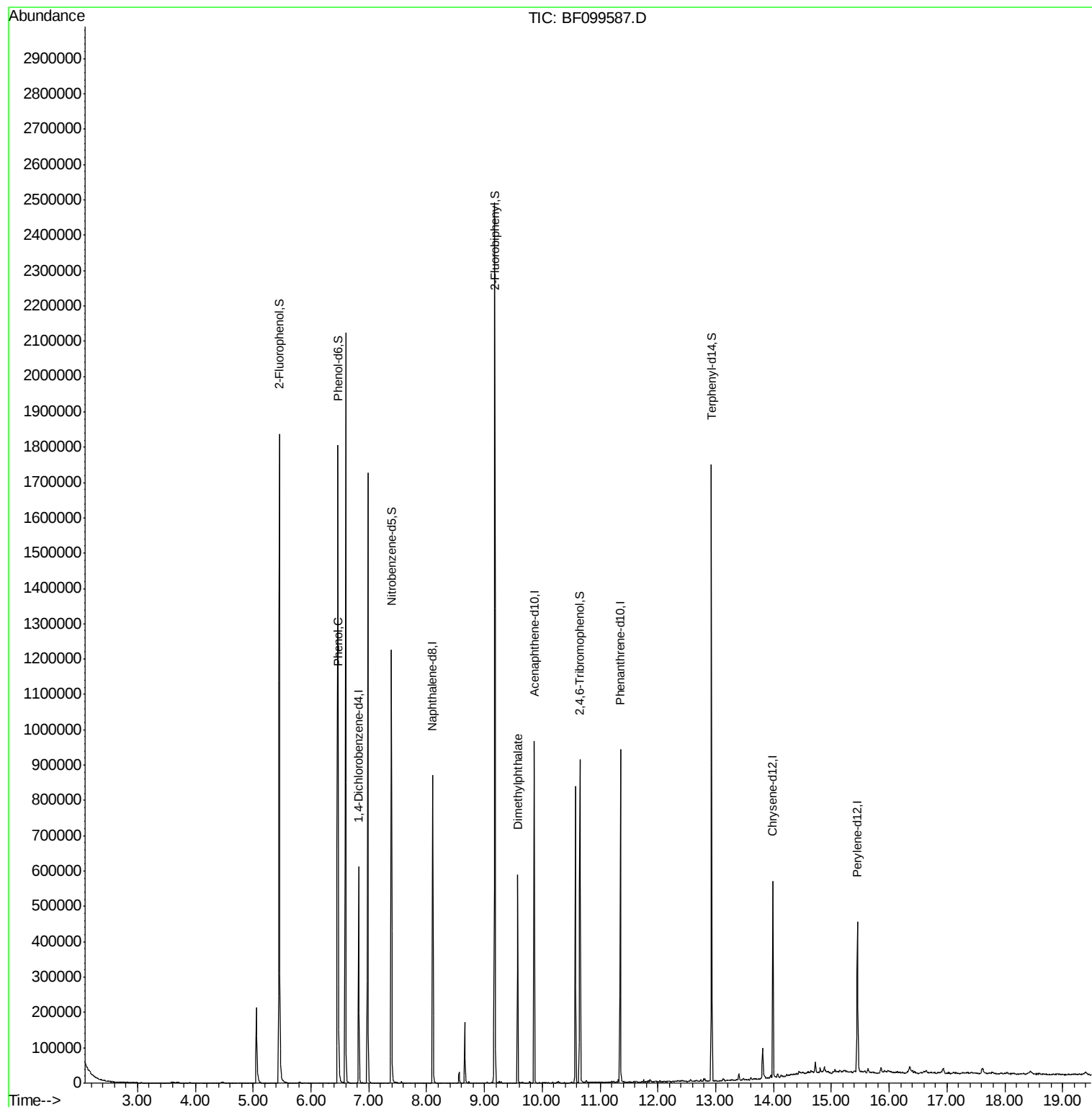
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	101739	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	425389	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	194989	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	328835	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180719	20.00	ng	-0.01
86) Perylene-d12	15.45	264	179989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	585492	91.61	ng	0.00
7) Phenol-d6	6.46	99	713335	90.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	406566	61.29	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	100781	63.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	793471	67.93	ng	0.00
78) Terphenyl-d14	12.93	244	554531	69.78	ng	0.00
Target Compounds						
10) Phenol	6.47	94	42291	4.796	ng	93
49) Dimethylphthalate	9.57	163	220455	14.980	ng	99

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

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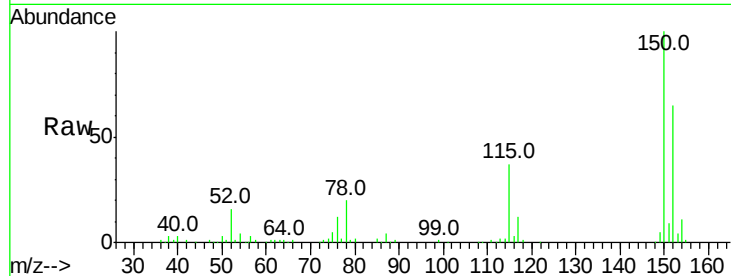




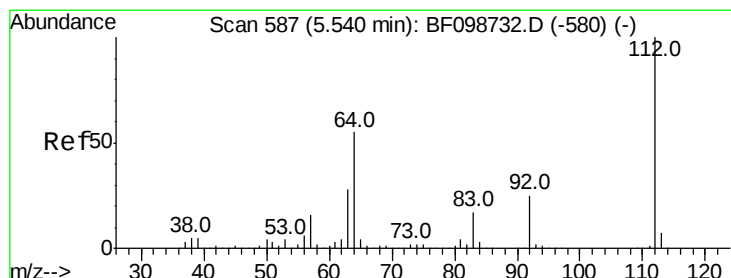
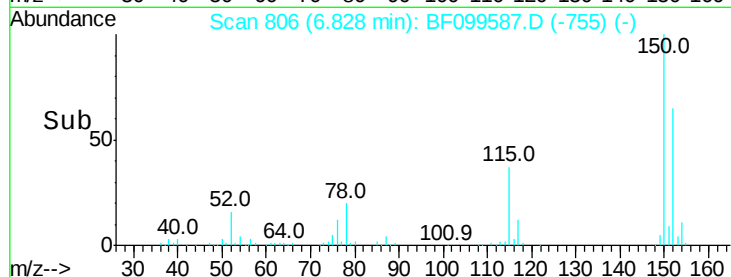
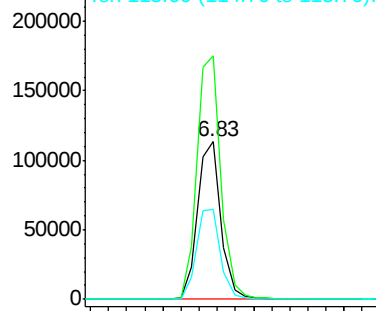
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-4(0-5)

Tot Ion:152 Resp: 101739
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 56.9 50.1 75.1

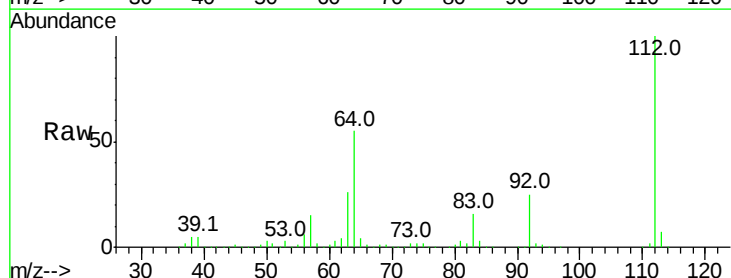


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

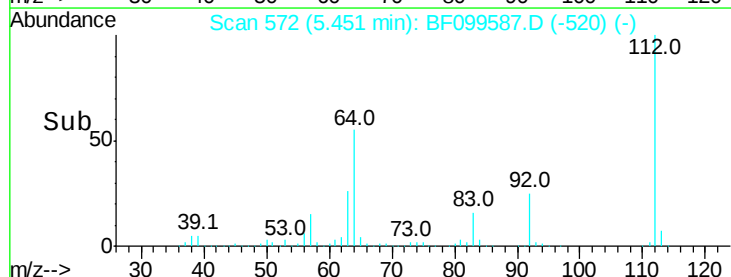
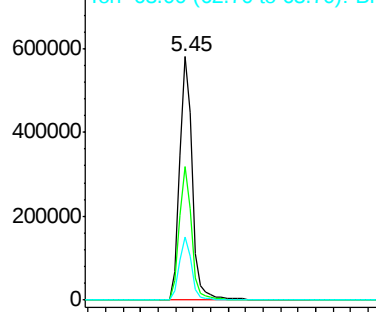


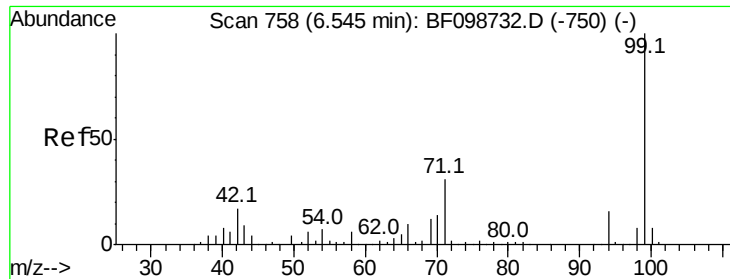
#5
 2-Fluorophenol
 Concen: 91.611 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

Tgt Ion:112 Resp: 585492
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 26.2 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: 90.478 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

Instrument :

BNA_F

ClientSampleId :

ENV-105-4(0-5)

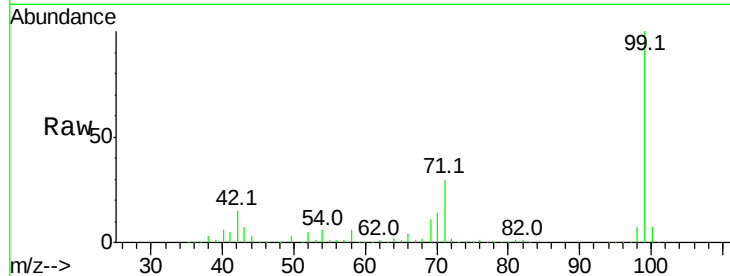
Tot Ion: 99 Resp: 713335

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

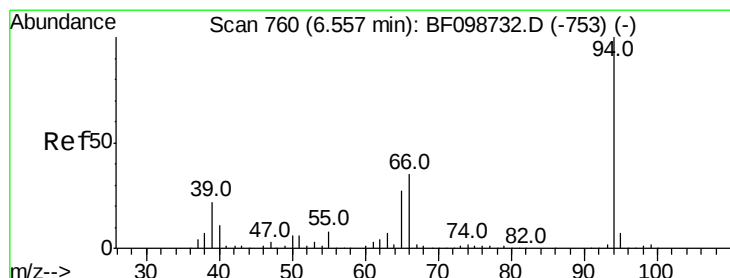
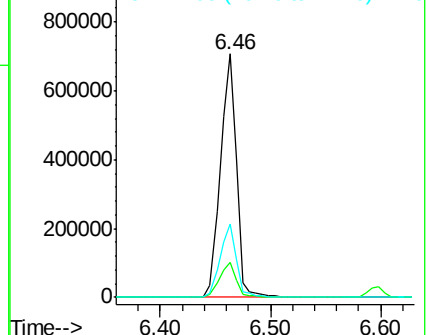
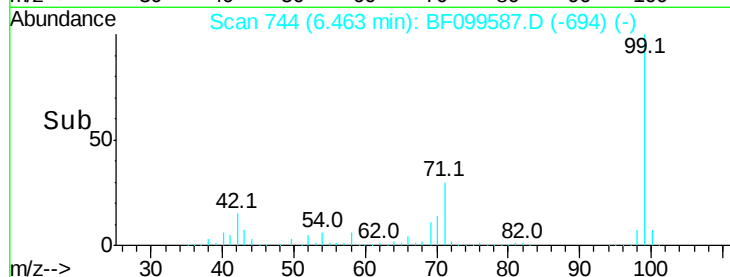
71 30.2 25.4 38.0



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: 4.796 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

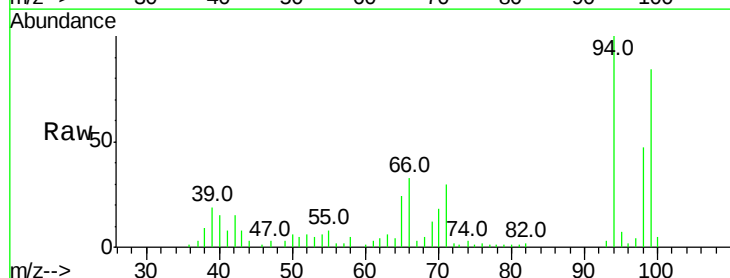
Tgt Ion: 94 Resp: 42291

Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

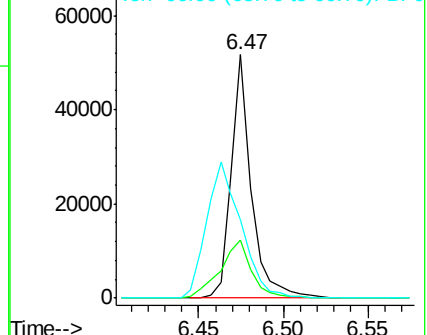
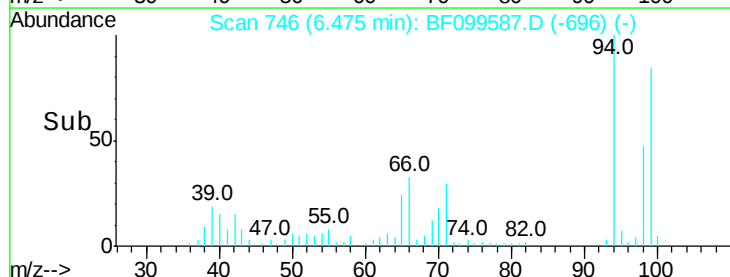
66 32.5 16.2 56.2



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

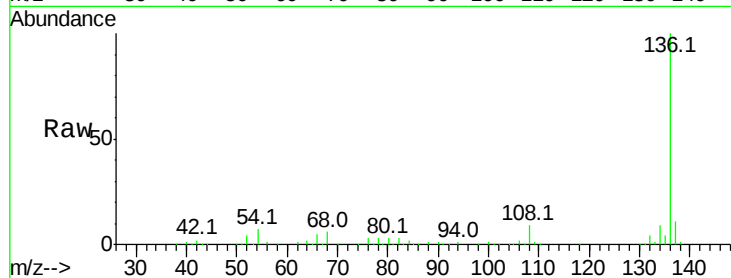




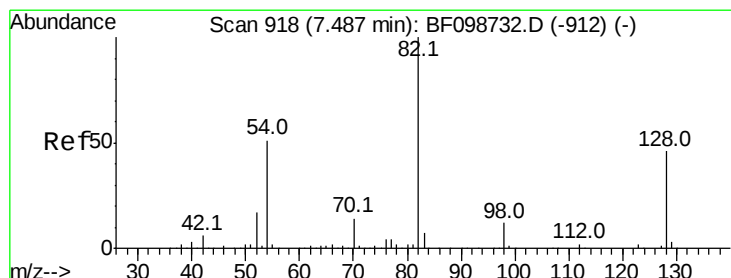
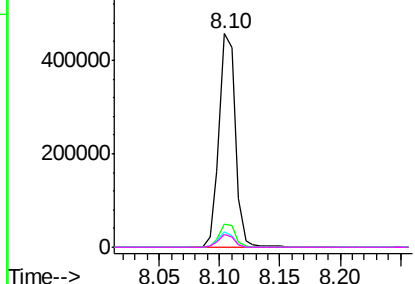
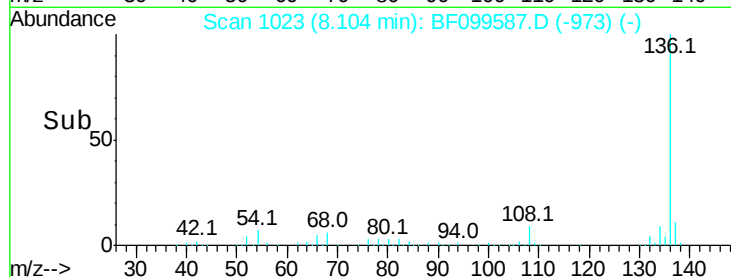
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Instrument :
BNA_F
ClientSampleId :
ENV-105-4(0-5)

Tot Ion:	136	Resp:	425389
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	6.1	5.0	7.4

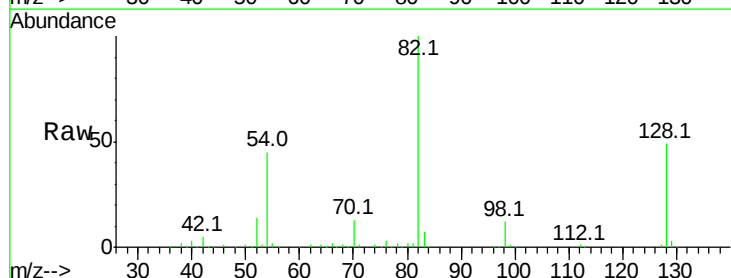


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

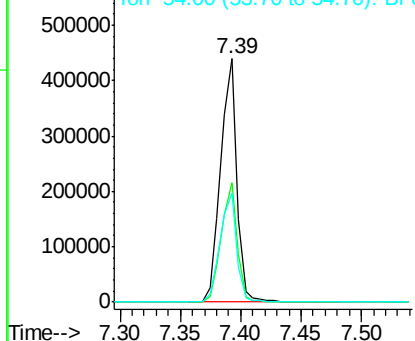
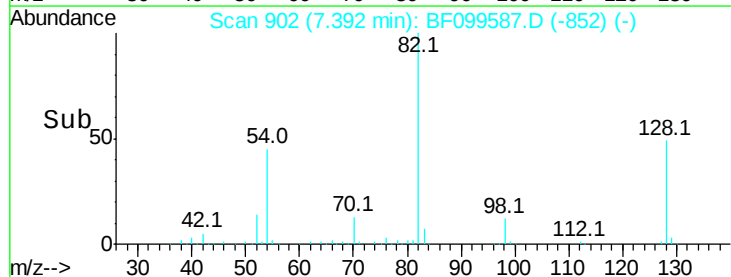


#23
Nitrobenzene-d5
Concen: 61.292 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099587.D
Acq: 17 Oct 2017 18:05

Tgt Ion:	82	Resp:	406566
Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	44.8	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

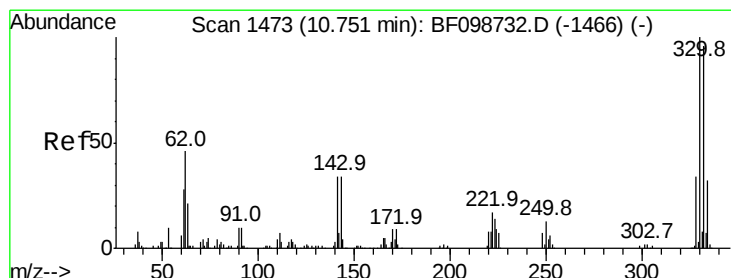
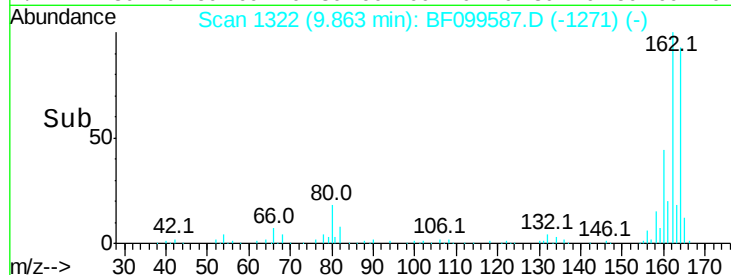
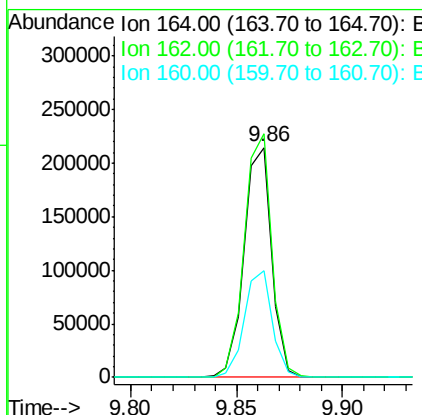
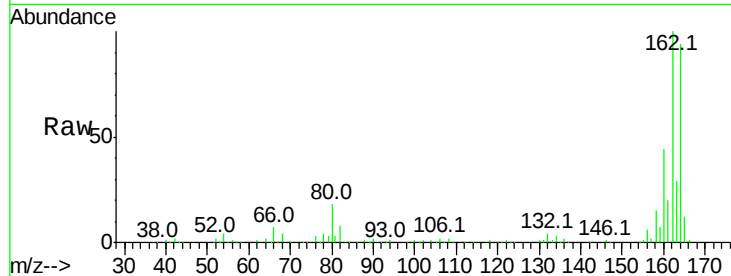




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

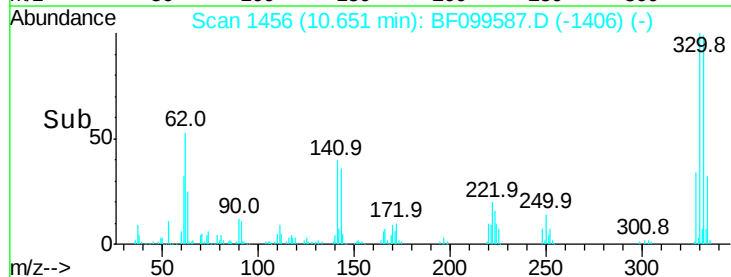
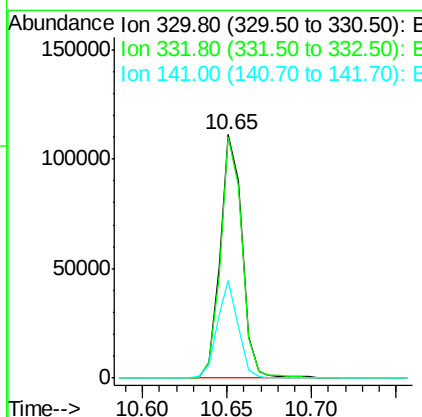
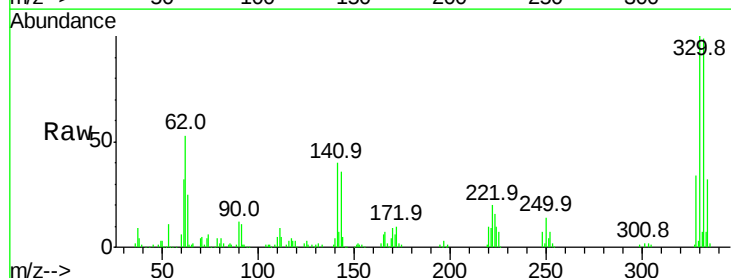
Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-4(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 63.164 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	38.4	29.9	44.9

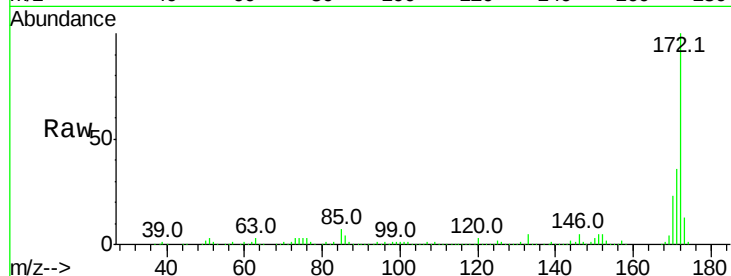




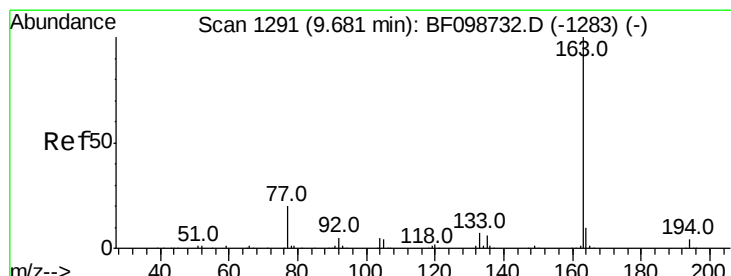
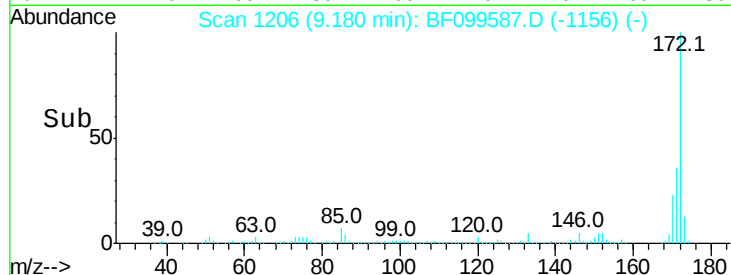
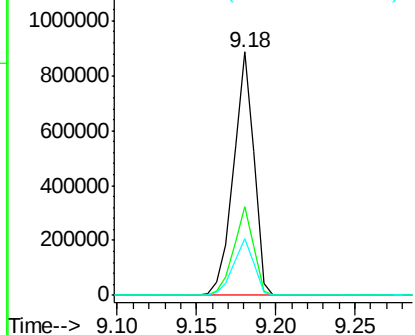
#44
 2-Fluorobiphenyl
 Concen: 67.934 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-4(0-5)

Tot Ion:172 Resp: 793471
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.3 19.6 29.4

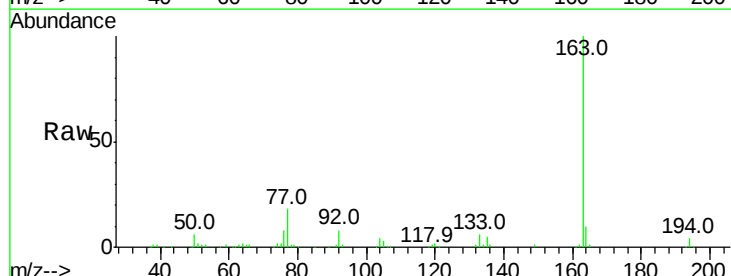


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

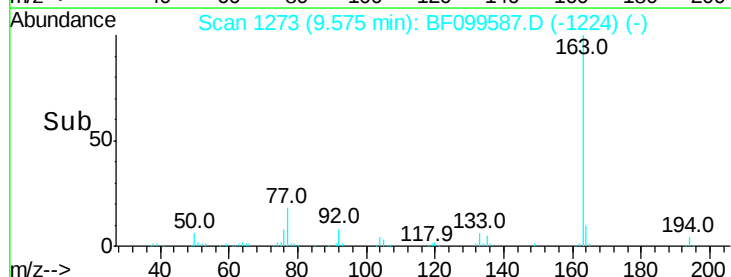
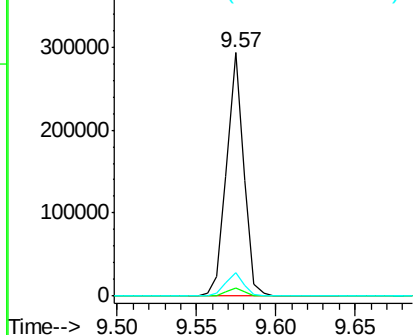


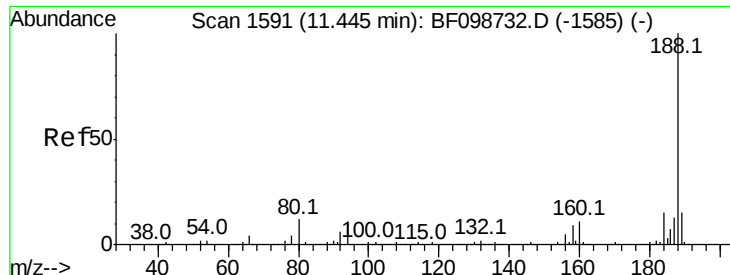
#49
 Dimethylphthalate
 Concen: 14.980 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF099587.D
 Acq: 17 Oct 2017 18:05

Tgt Ion:163 Resp: 220455
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.8 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: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

Instrument :

BNA_F

ClientSampleId :

ENV-105-4(0-5)

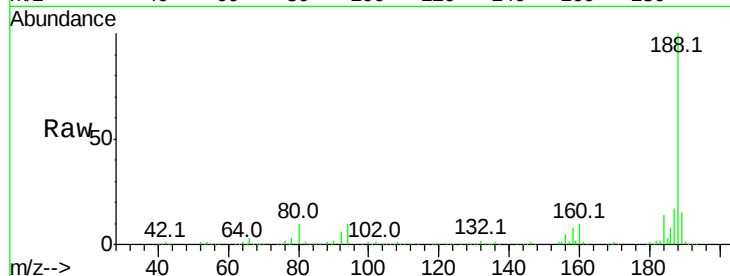
Tot Ion:188 Resp: 328835

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

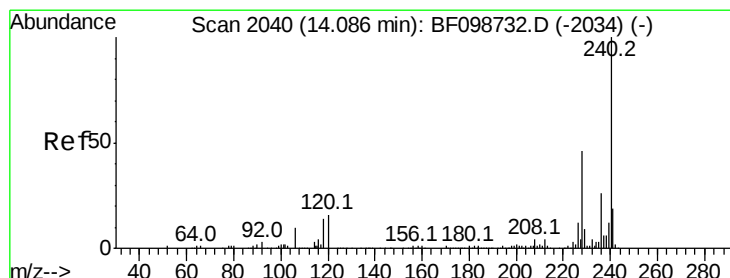
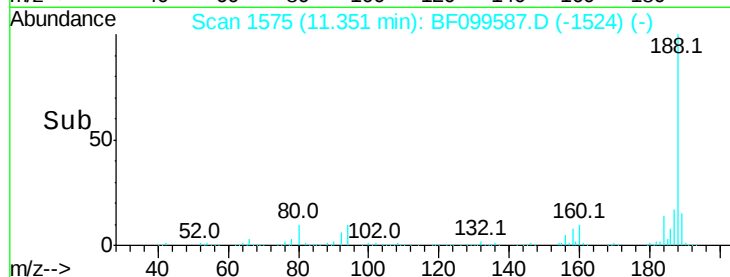
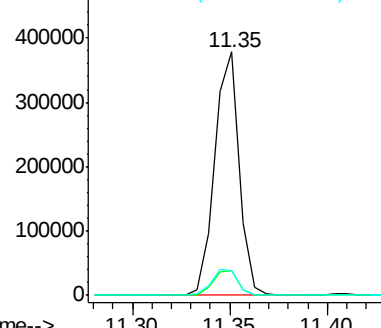
80 10.1 9.2 13.8



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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

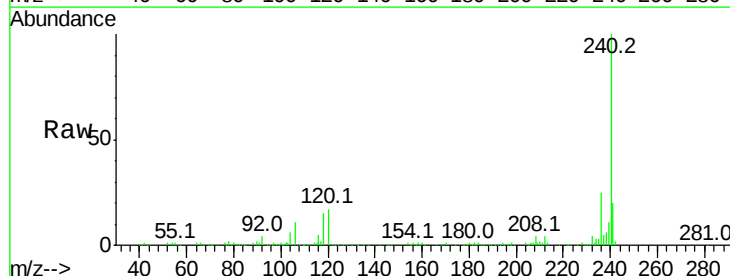
Tgt Ion:240 Resp: 180719

Ion Ratio Lower Upper

240 100

120 16.9 9.5 14.3#

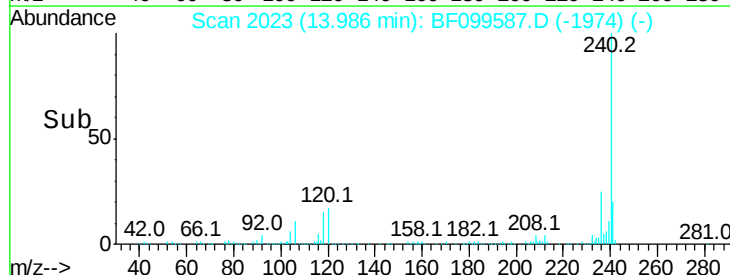
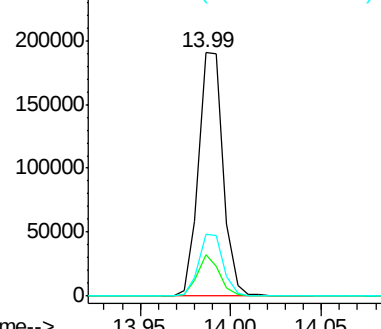
236 25.4 20.7 31.1



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: 69.783 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

Instrument :

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ENV-105-4(0-5)

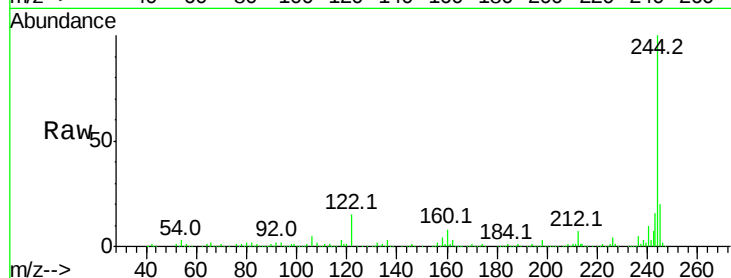
Tot Ion:244 Resp: 554531

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

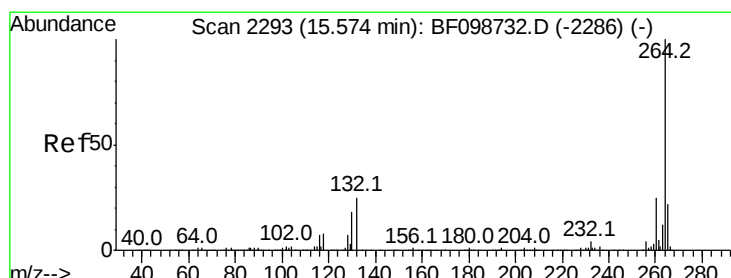
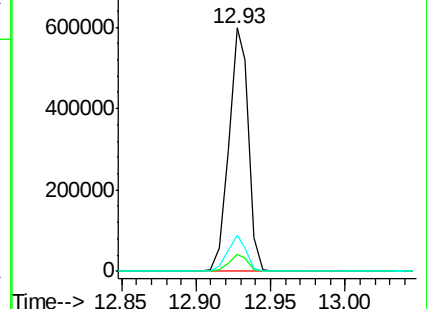
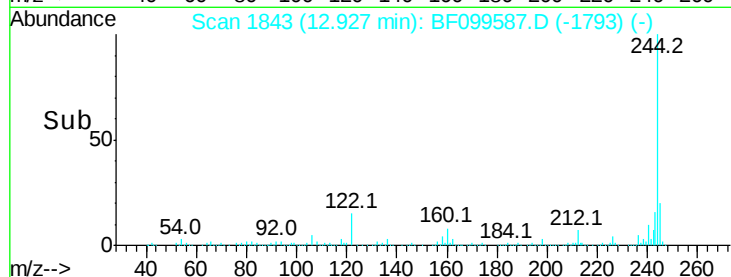
122 14.6 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF099587.D

Acq: 17 Oct 2017 18:05

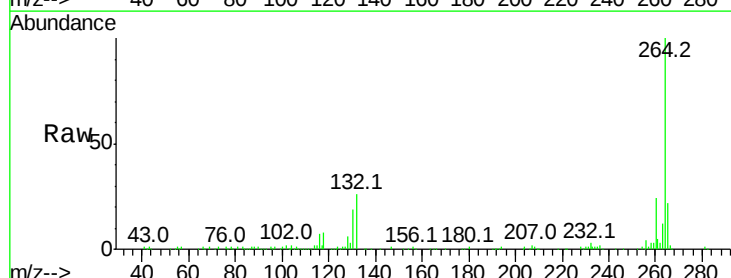
Tgt Ion:264 Resp: 179989

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.1 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

