

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099372.D
 Acq On : 12 Oct 2017 4:14
 Operator : SJ/JU
 Sample : I5710-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33A

Quant Time: Oct 12 05:19:29 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

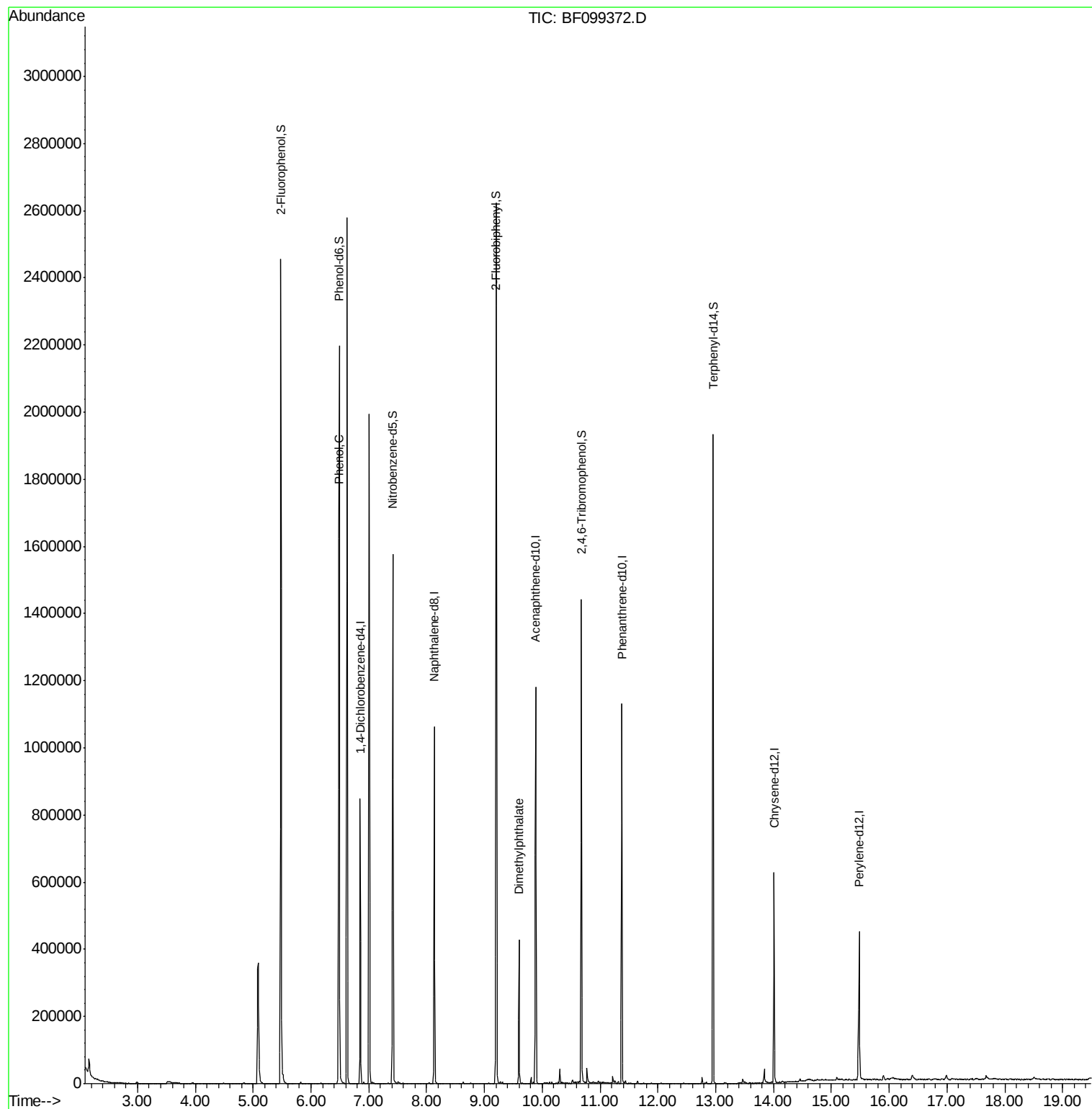
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119627	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	489683	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	218377	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	368718	20.00	ng	0.00
75) Chrysene-d12	14.01	240	195214	20.00	ng	0.00
86) Perylene-d12	15.48	264	193346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	764935	101.79	ng	0.01
7) Phenol-d6	6.49	99	913222	98.51	ng	0.00
23) Nitrobenzene-d5	7.42	82	538345	70.50	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	176839	98.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	886459	67.77	ng	0.00
78) Terphenyl-d14	12.96	244	653549	76.14	ng	0.00
Target Compounds						
10) Phenol	6.50	94	30598	2.951	ng	97
49) Dimethylphthalate	9.60	163	159922	9.703	ng	100

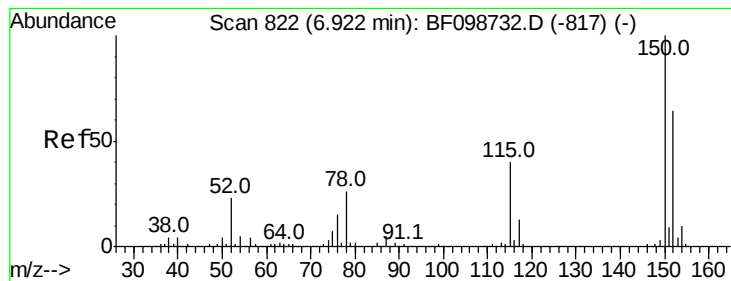
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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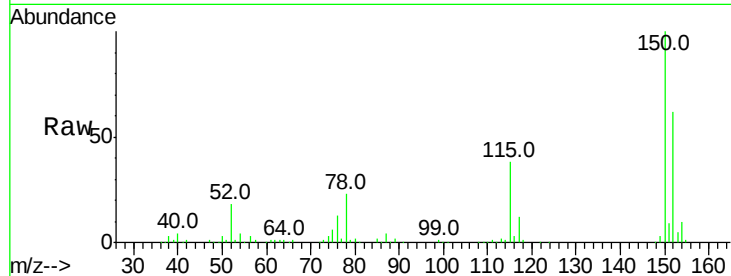


#1

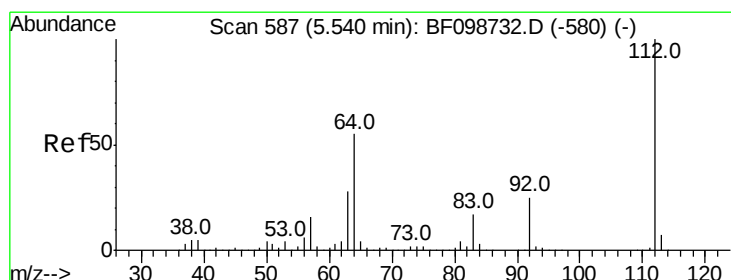
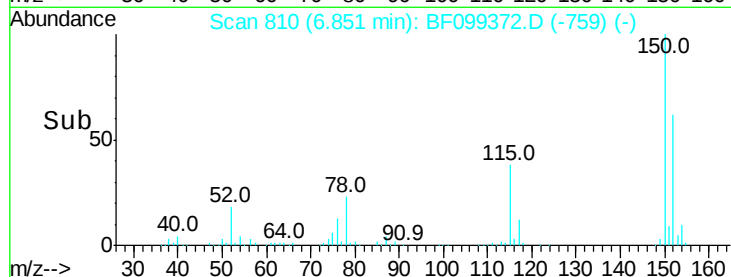
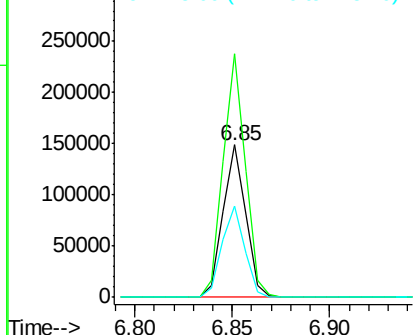
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099372.D
 Acq: 12 Oct 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-33A

Tot Ion:152 Resp: 119627
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.6 186.8
 115 60.3 50.1 75.1



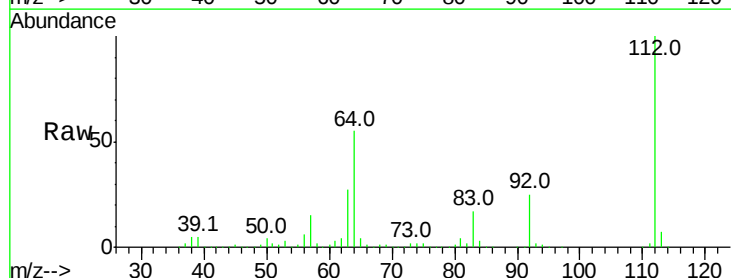
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



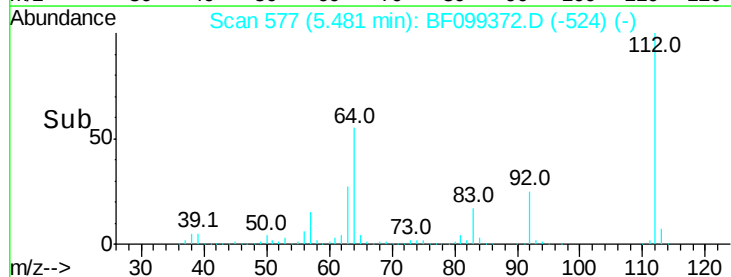
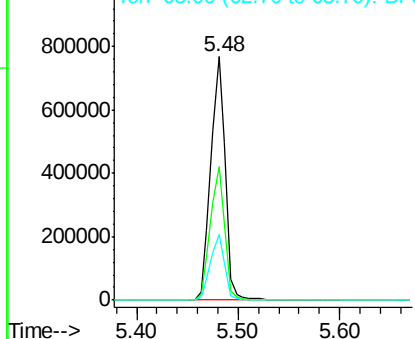
#5

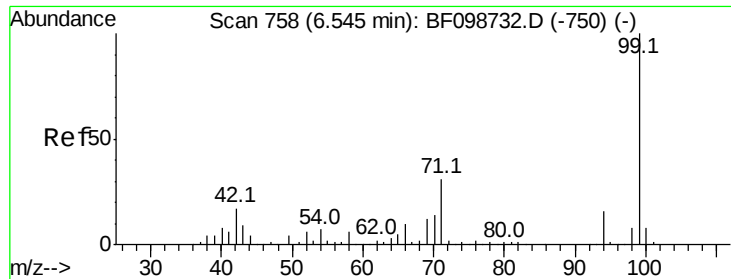
2-Fluorophenol
 Concen: 101.791 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099372.D
 Acq: 12 Oct 2017 4:14

Tgt Ion:112 Resp: 764935
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 26.8 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: 98.511 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

Instrument :

BNA_F

ClientSampleId :

SB-33A

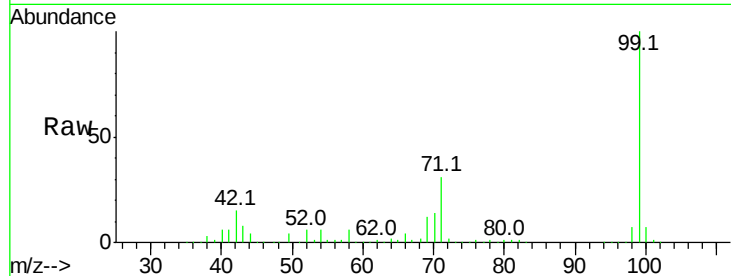
Tot Ion: 99 Resp: 913222

Ion Ratio Lower Upper

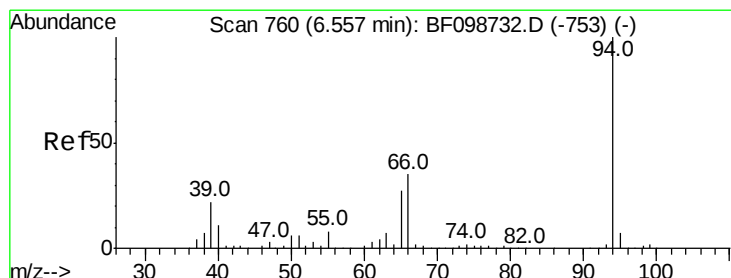
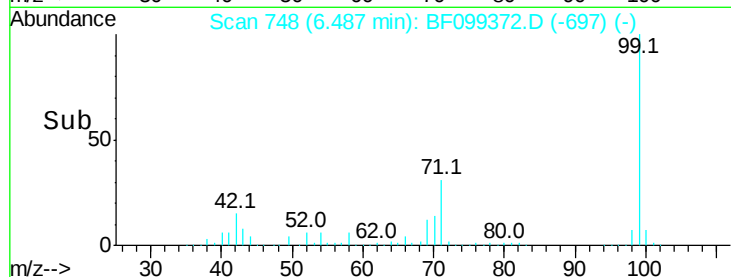
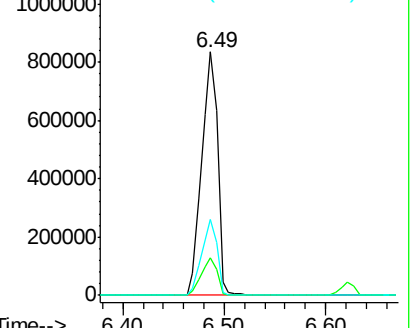
99 100

42 15.5 14.5 21.7

71 31.3 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: 2.951 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

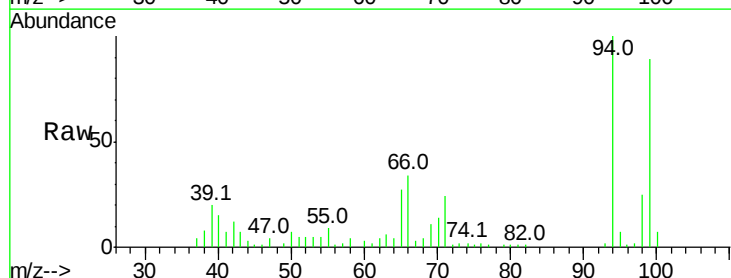
Tgt Ion: 94 Resp: 30598

Ion Ratio Lower Upper

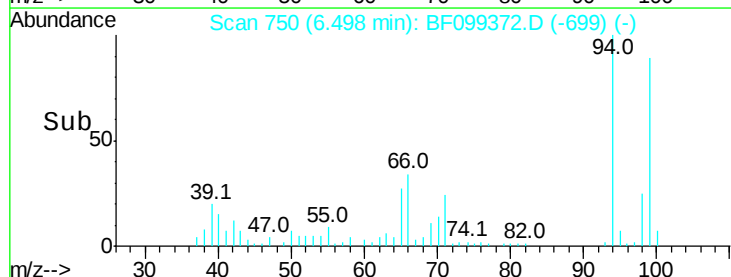
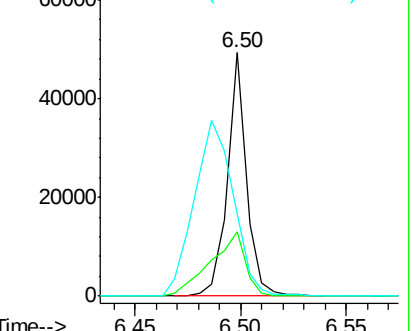
94 100

65 26.6 7.9 47.9

66 33.7 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

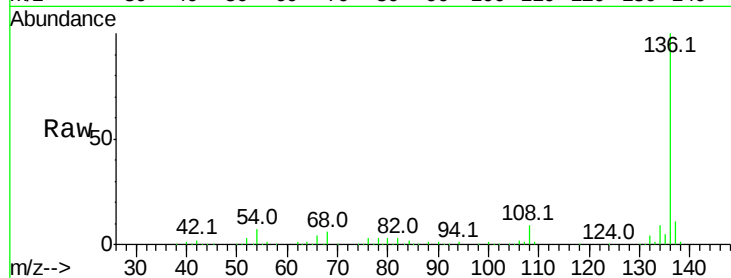




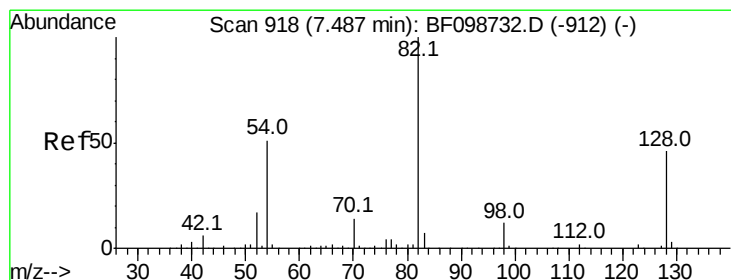
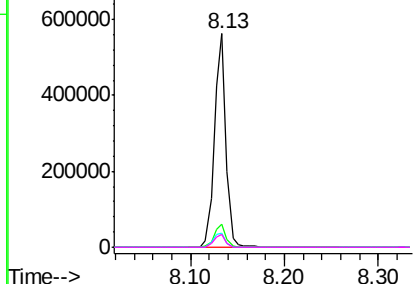
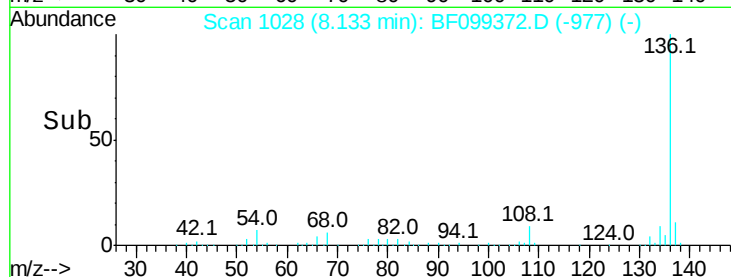
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :
SB-33A

Tot Ion:	136	Resp:	489683
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.6	6.6	9.8
68	5.8	5.0	7.4

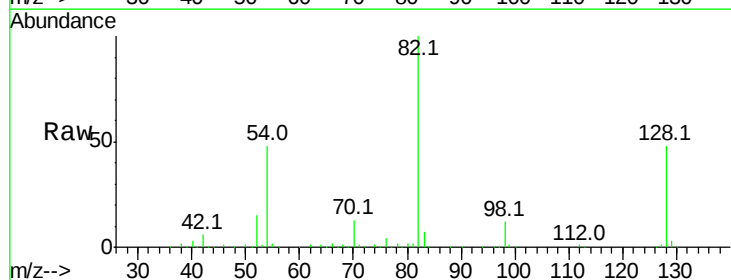


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

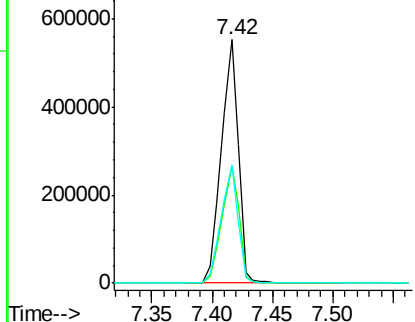
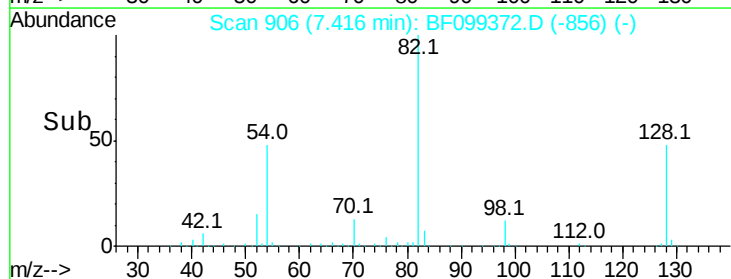


#23
Nitrobenzene-d5
Concen: 70.503 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Tgt Ion:	82	Resp:	538345
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	48.4	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

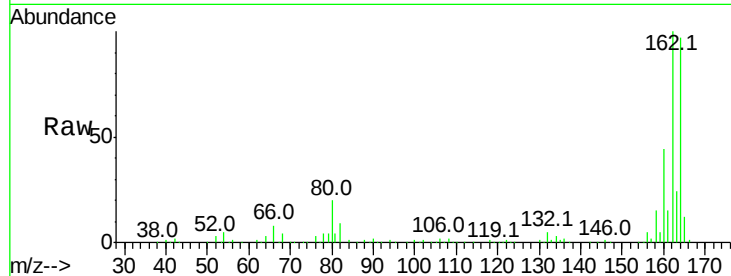




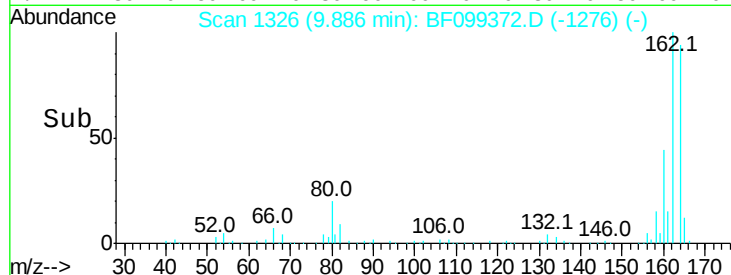
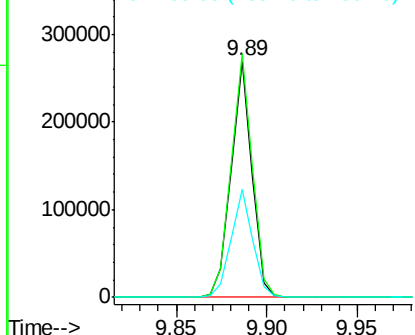
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099372.D
 Acq: 12 Oct 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-33A

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.7	38.3	57.5

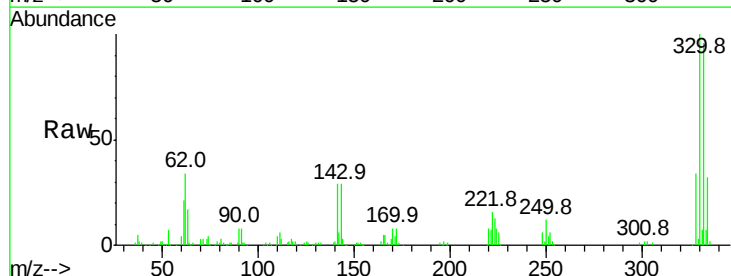


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

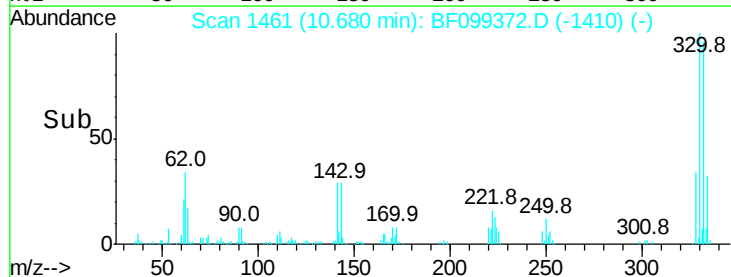
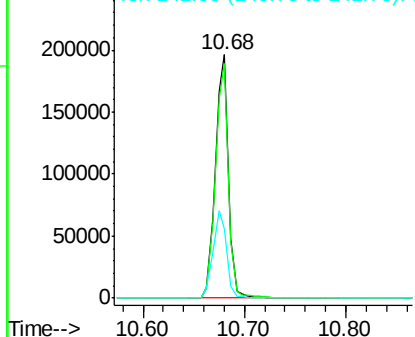


#41
 2,4,6-Tribromophenol
 Concen: 98.963 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099372.D
 Acq: 12 Oct 2017 4:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.5	29.9	44.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

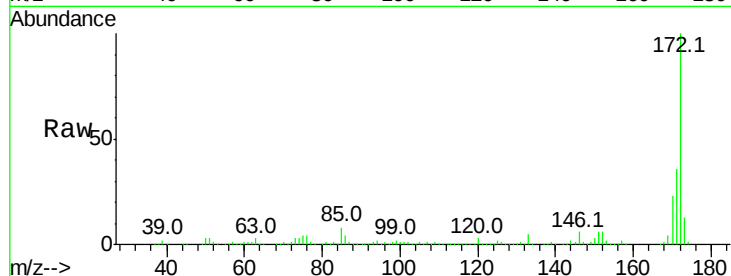




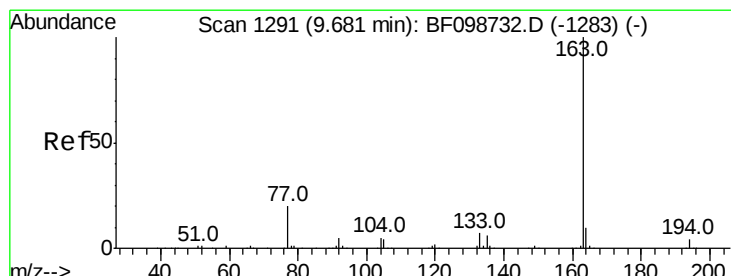
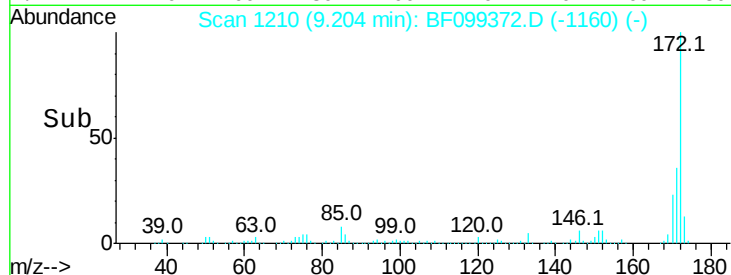
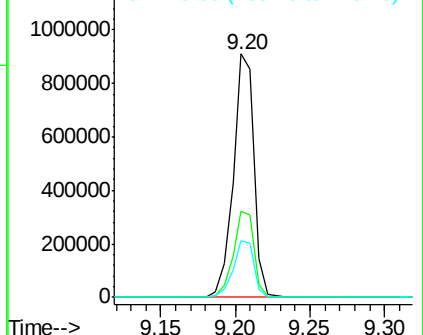
#44
 2-Fluorobiphenyl
 Concen: 67.767 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099372.D
 Acq: 12 Oct 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-33A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.4	19.6	29.4

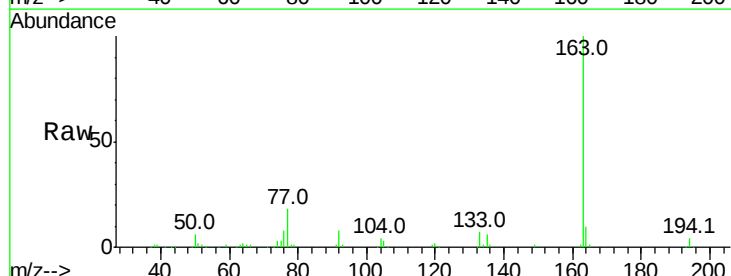


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

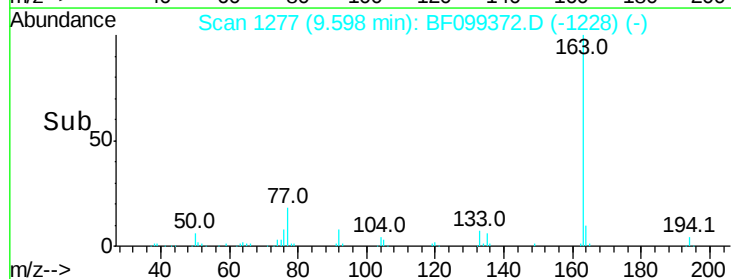
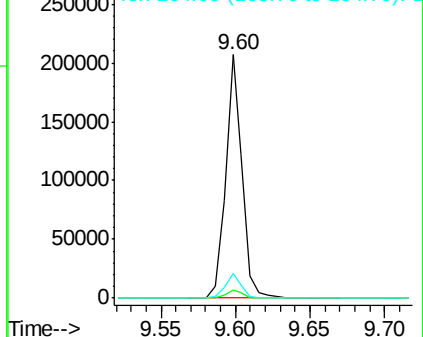


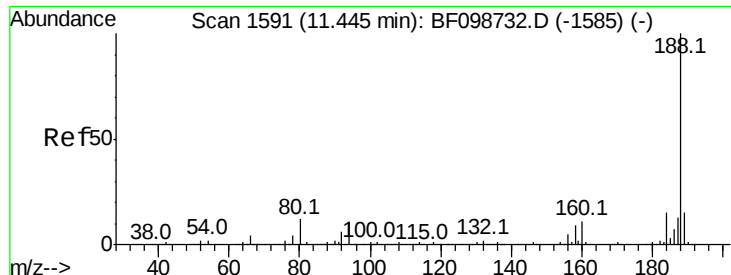
#49
 Dimethylphthalate
 Concen: 9.703 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF099372.D
 Acq: 12 Oct 2017 4:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	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

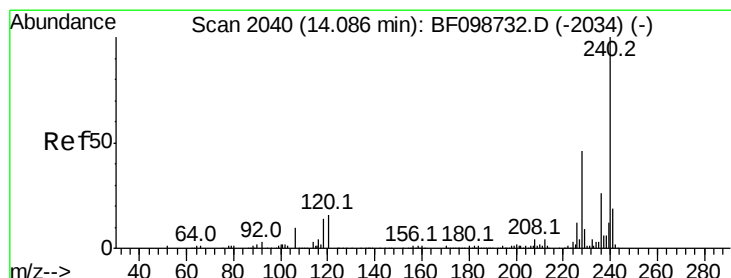
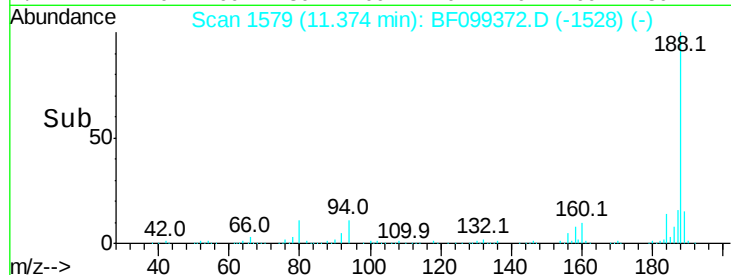
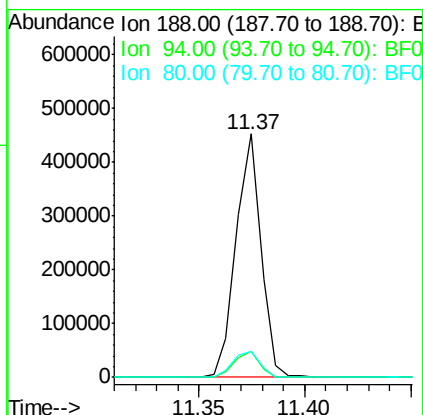
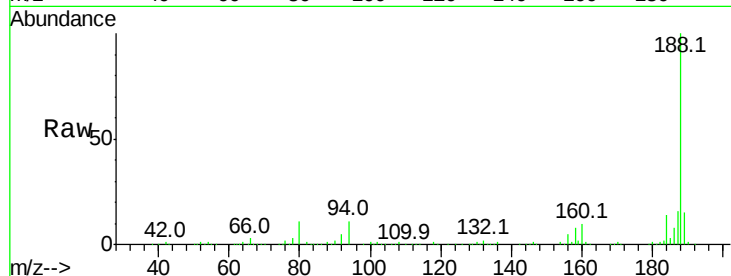




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099372.D
 Acq: 12 Oct 2017 4:14

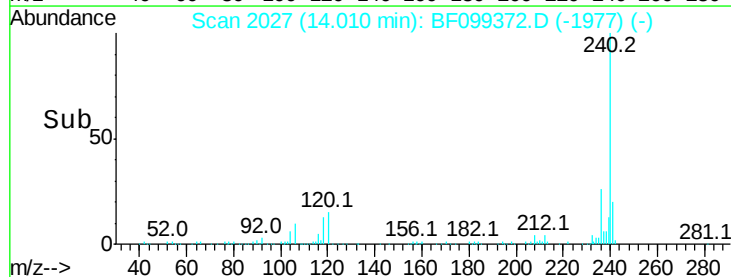
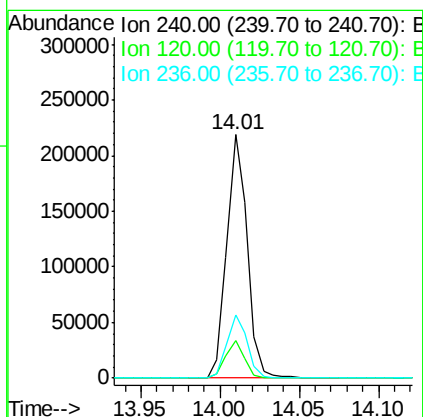
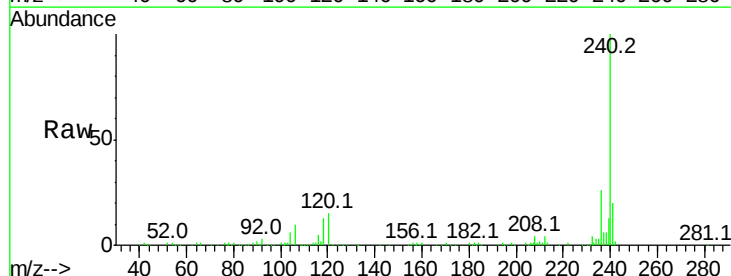
Instrument :
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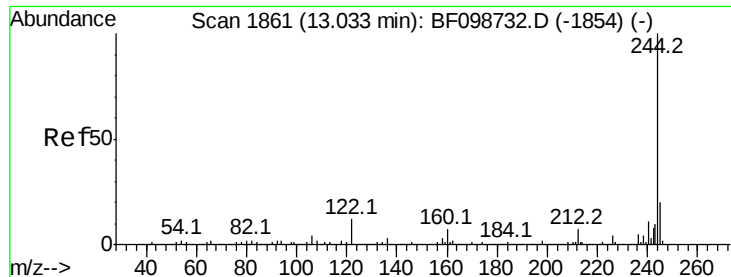
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.8	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099372.D
 Acq: 12 Oct 2017 4:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.0	20.7	31.1





#78

Terphenyl-d14

Concen: 76.137 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

Instrument :

BNA_F

ClientSampleId :

SB-33A

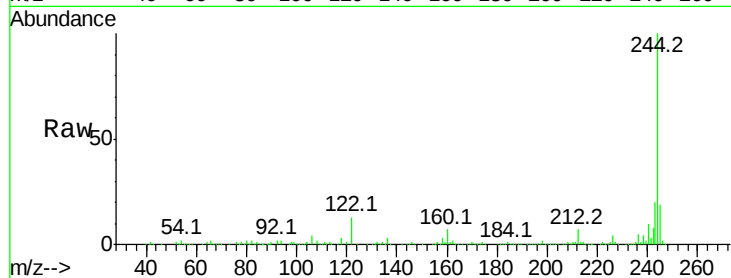
Tot Ion:244 Resp: 653549

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

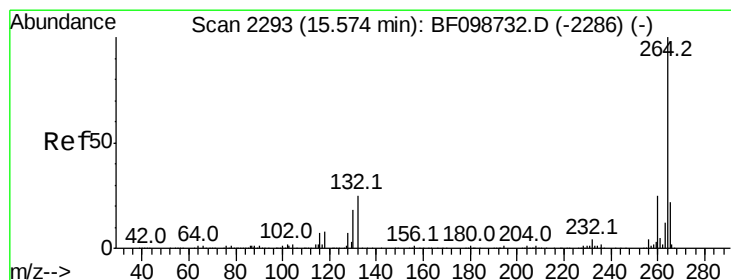
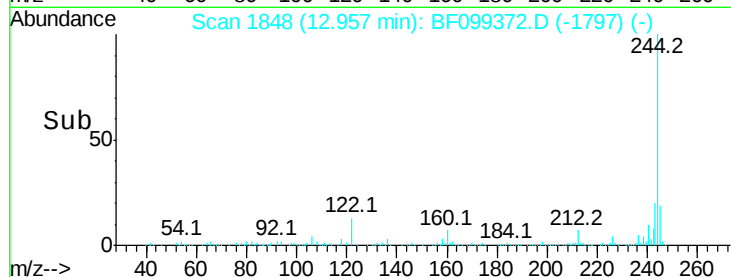
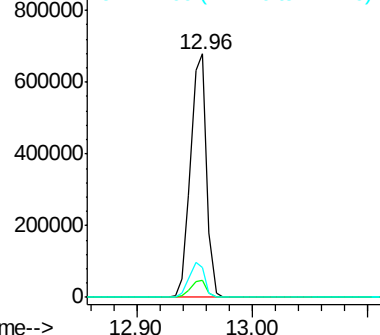
122 12.5 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

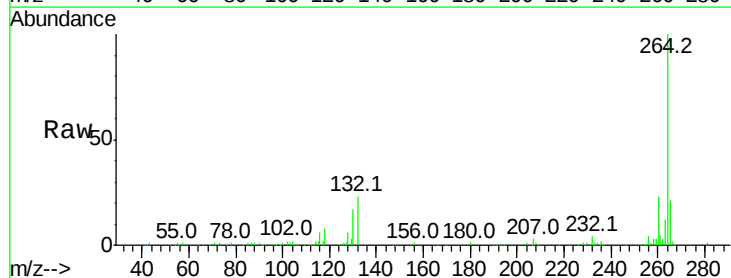
Tgt Ion:264 Resp: 193346

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.7 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

