

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099371.D
 Acq On : 12 Oct 2017 3:46
 Operator : SJ/JU
 Sample : I5710-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-42C

Quant Time: Oct 12 05:13:31 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

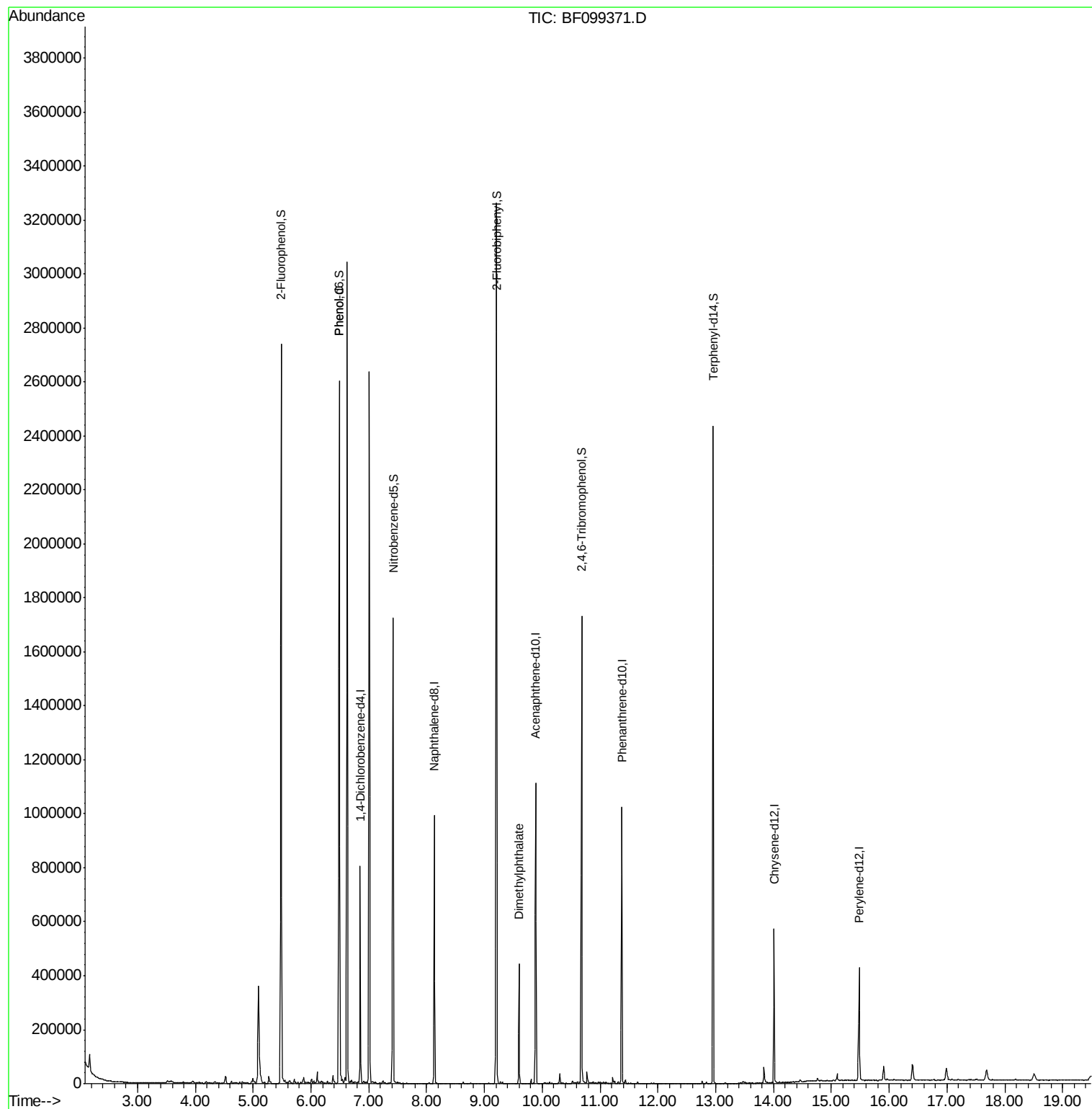
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110288	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	447700	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	199811	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	340778	20.00	ng	0.00
75) Chrysene-d12	14.01	240	174307	20.00	ng	0.00
86) Perylene-d12	15.48	264	169435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	932525	134.60	ng	0.02
7) Phenol-d6	6.49	99	1094916	128.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	680284	97.45	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	214523	131.21	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1120347	93.60	ng	0.00
78) Terphenyl-d14	12.96	244	784605	102.37	ng	0.00
Target Compounds						
10) Phenol	6.50	94	33027	3.455	ng	Qvalue # 75
49) Dimethylphthalate	9.60	163	167194	11.087	ng	99

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

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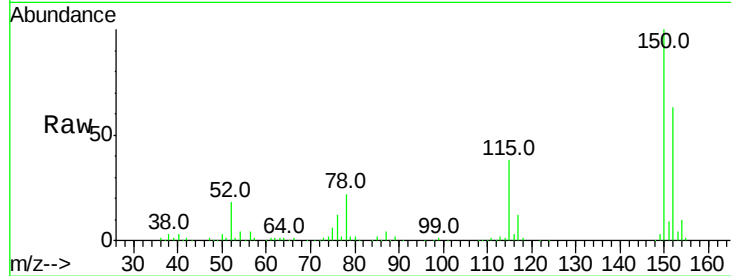


#1

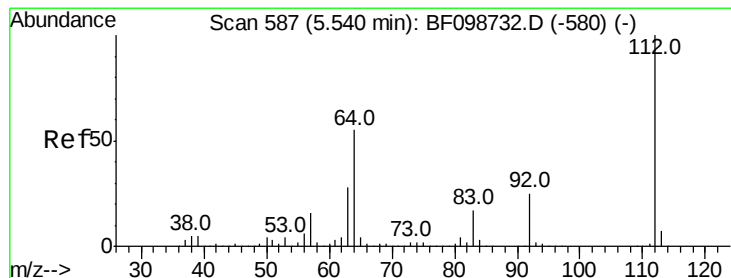
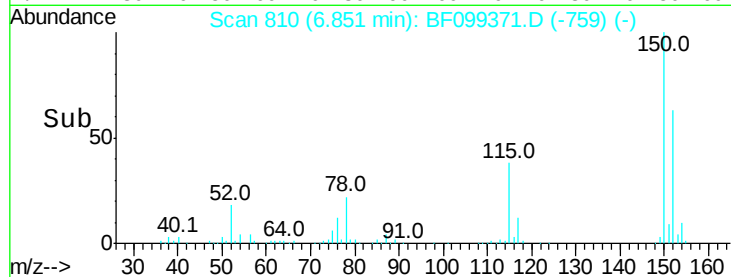
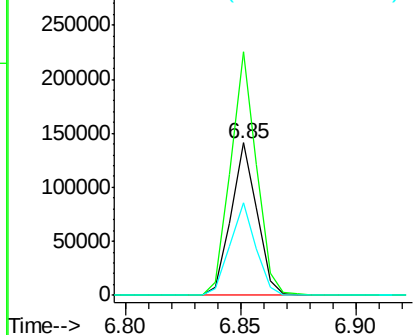
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :
B-42C

Tot Ion:152 Resp: 110288
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 60.8 50.1 75.1



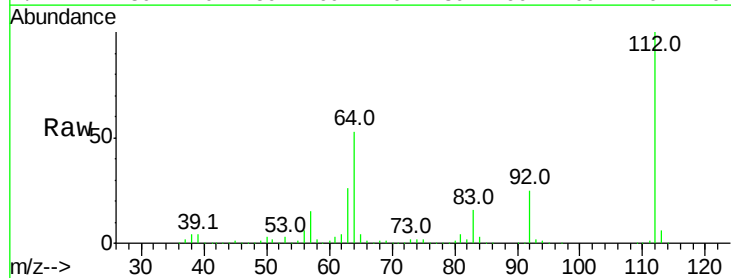
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



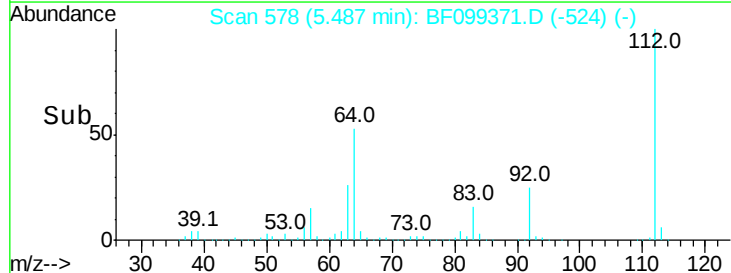
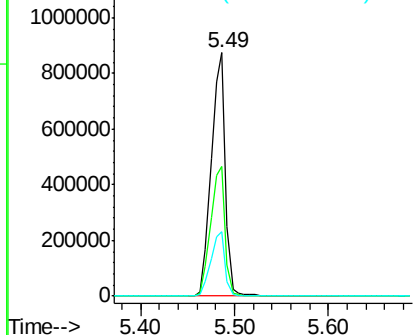
#5

2-Fluorophenol
Concen: 134.601 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

Tgt Ion:112 Resp: 932525
Ion Ratio Lower Upper
112 100
64 53.1 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: 128.112 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099371.D

Acq: 12 Oct 2017 3:46

Instrument :

BNA_F

ClientSampleId :

B-42C

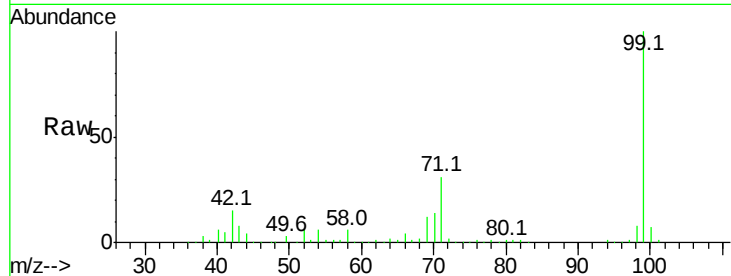
Tot Ion: 99 Resp: 1094916

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

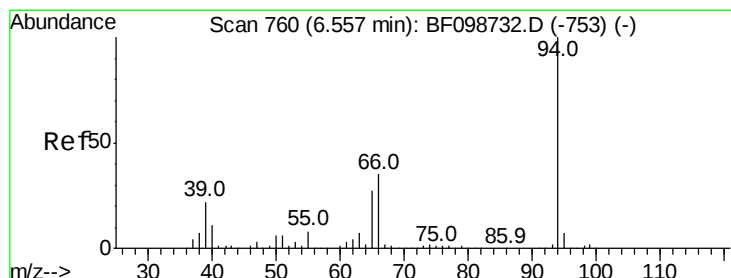
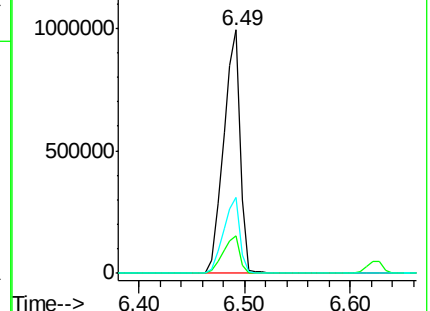
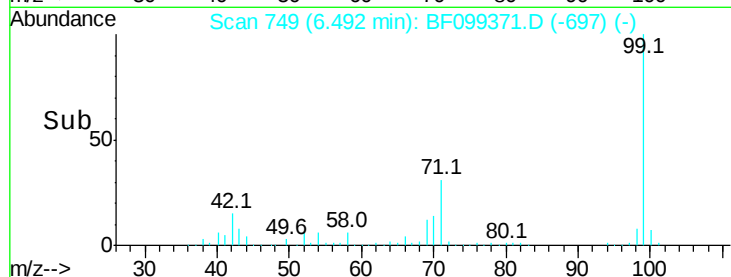
71 31.0 25.4 38.0



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: 3.455 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099371.D

Acq: 12 Oct 2017 3:46

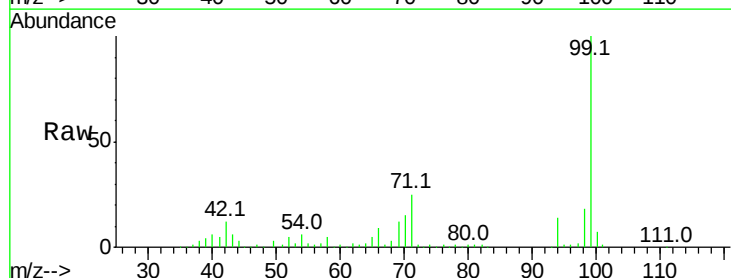
Tgt Ion: 94 Resp: 33027

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

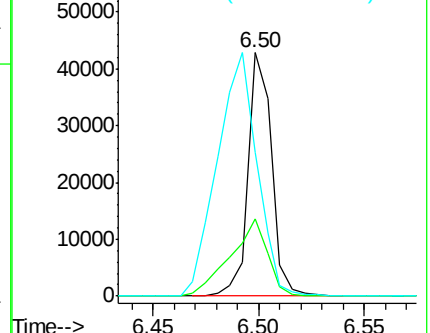
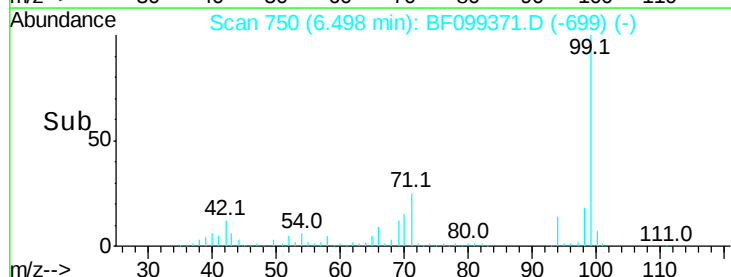
66 59.0 16.2 56.2#



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

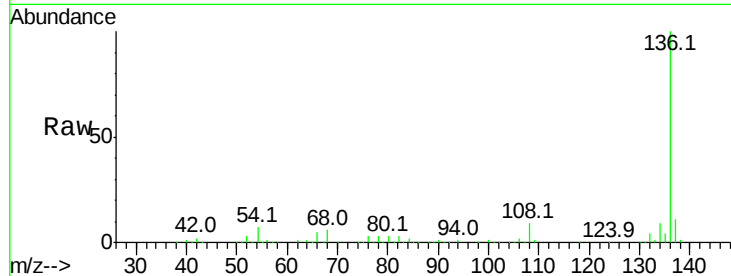




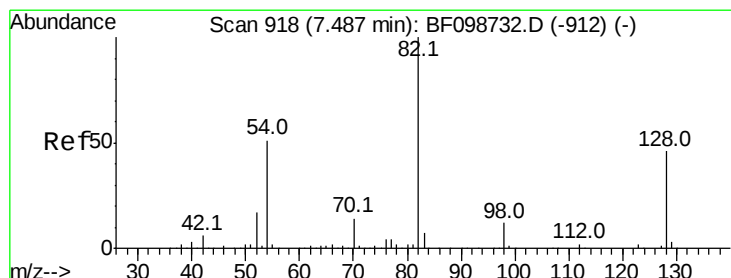
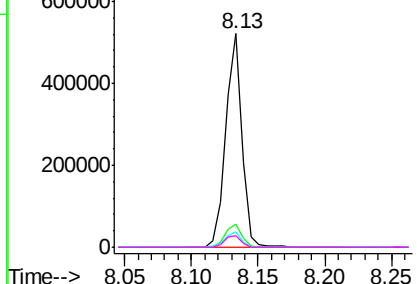
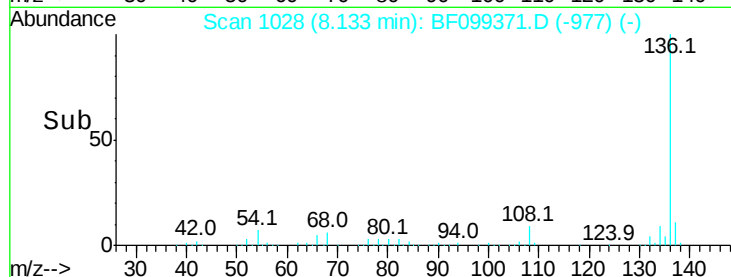
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :
B-42C

Tot Ion:	136	Resp:	447700
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.6	5.0	7.4

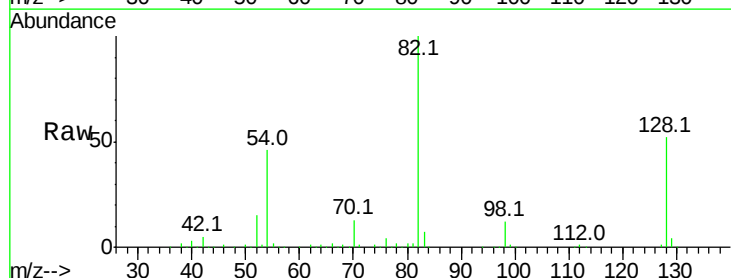


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

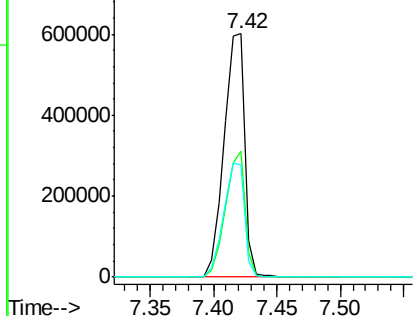
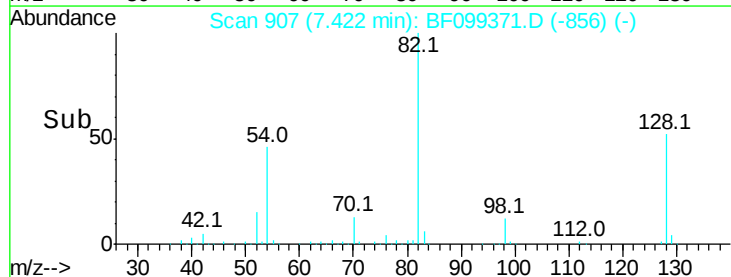


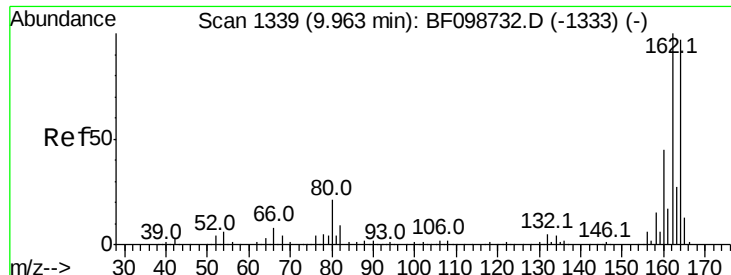
#23
Nitrobenzene-d5
Concen: 97.446 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

Tgt Ion:	82	Resp:	680284
Ion	Ratio	Lower	Upper
82	100		
128	51.8	36.1	54.1
54	46.1	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

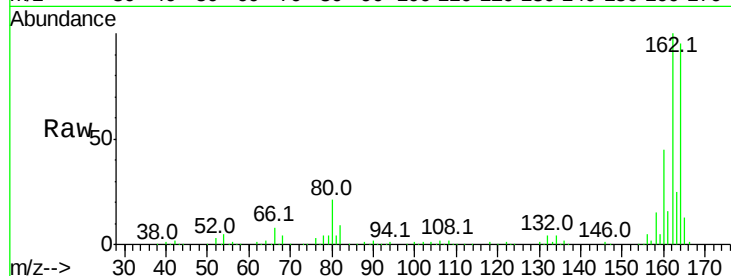




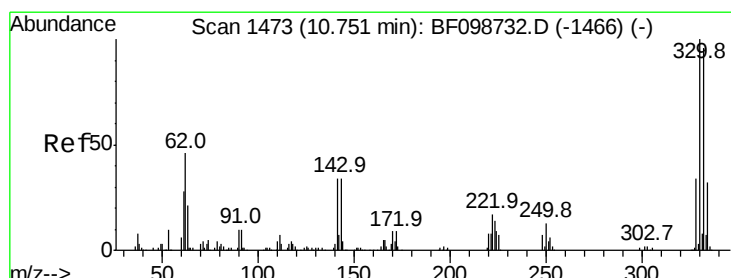
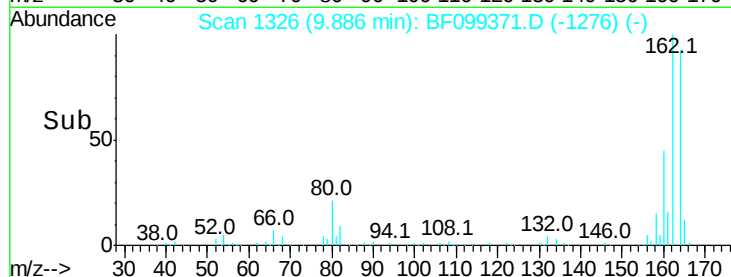
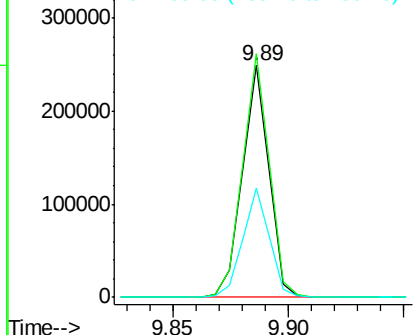
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :
B-42C

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.9	38.3	57.5

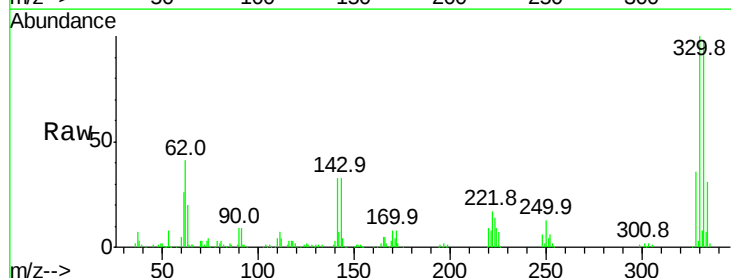


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

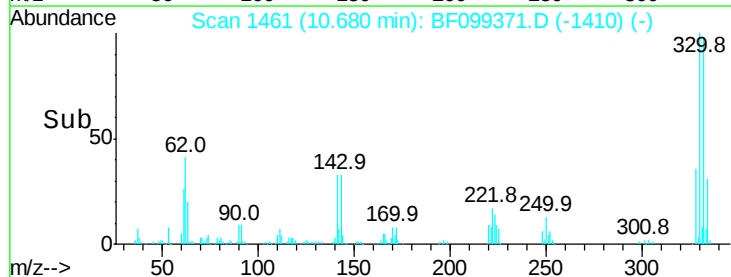
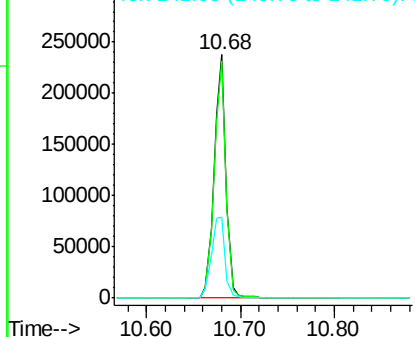


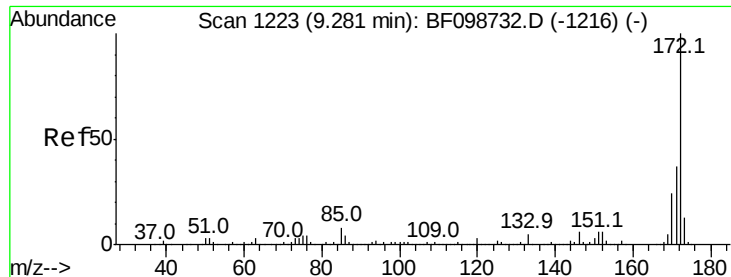
#41
2,4,6-Tribromophenol
Concen: 131.207 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	38.1	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

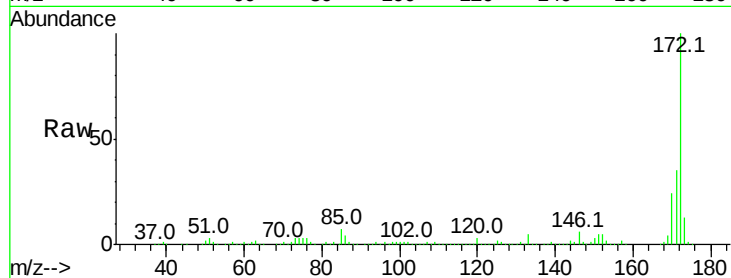




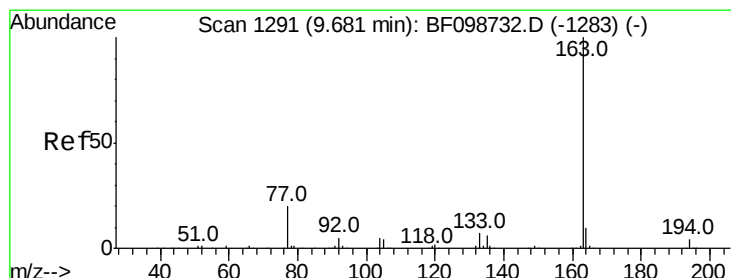
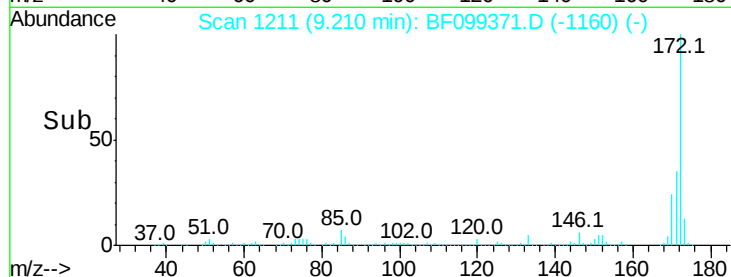
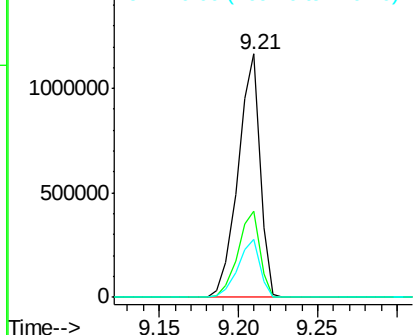
#44
2-Fluorobiphenyl
Concen: 93.605 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

Instrument :
BNA_F
ClientSampleId :
B-42C

Tot Ion:172 Resp: 1120347
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.1 19.6 29.4

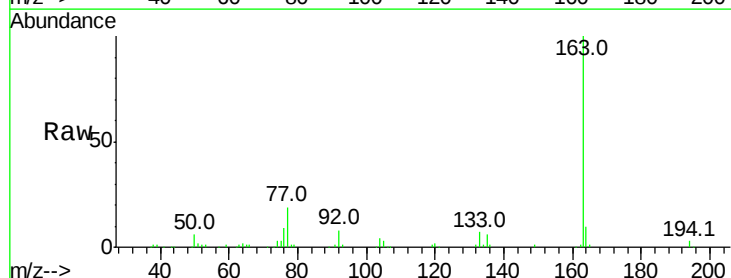


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

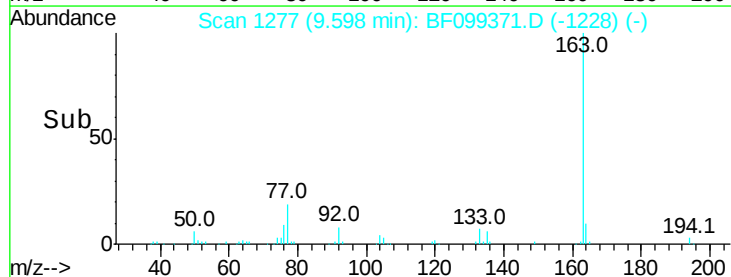
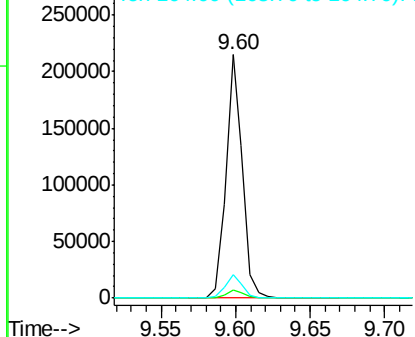


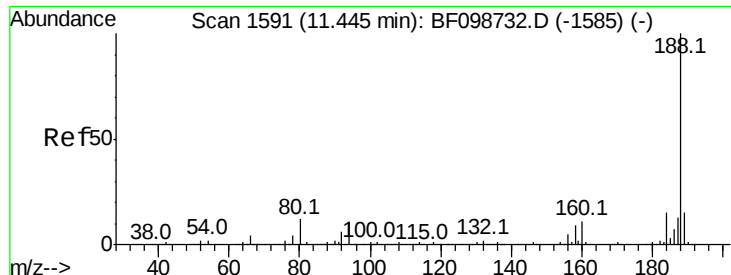
#49
Dimethylphthalate
Concen: 11.087 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

Tgt Ion:163 Resp: 167194
Ion Ratio Lower Upper
163 100
194 3.4 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

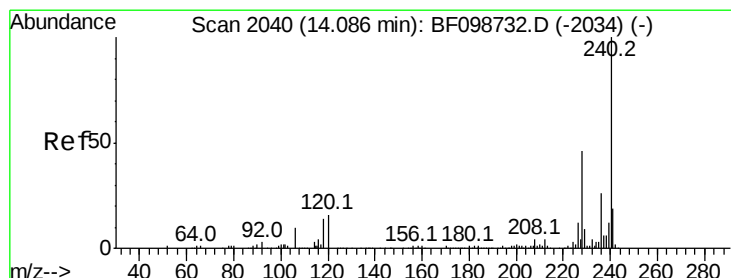
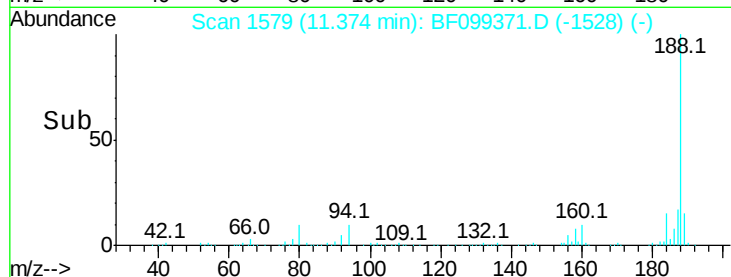
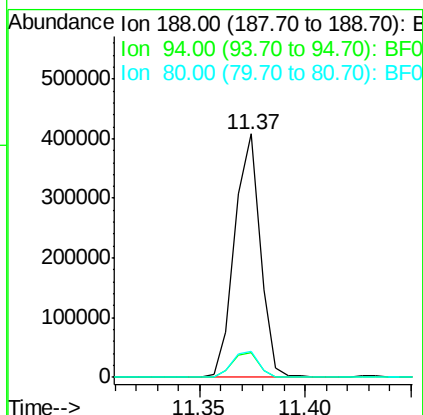
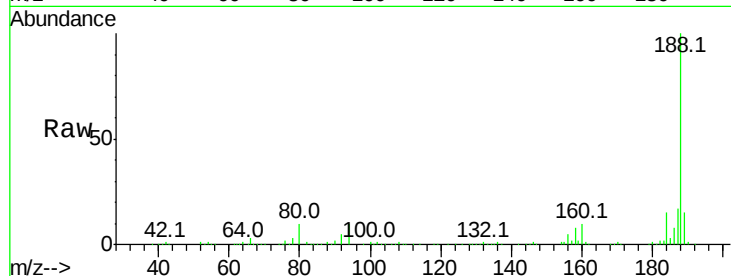




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099371.D
Acq: 12 Oct 2017 3:46

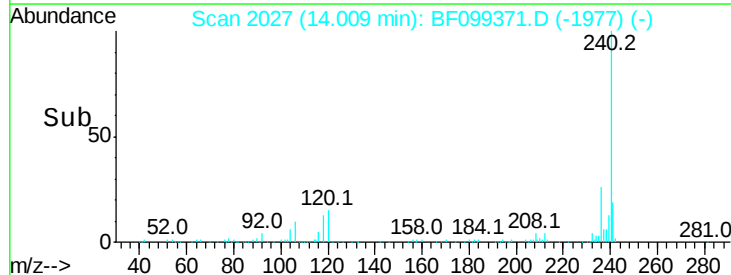
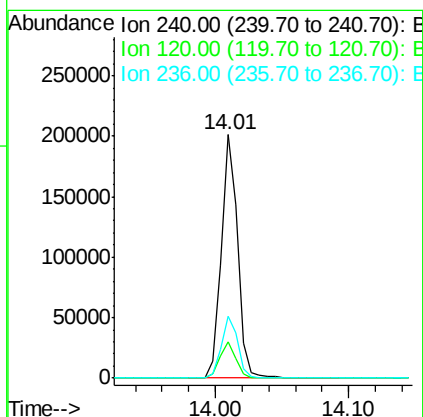
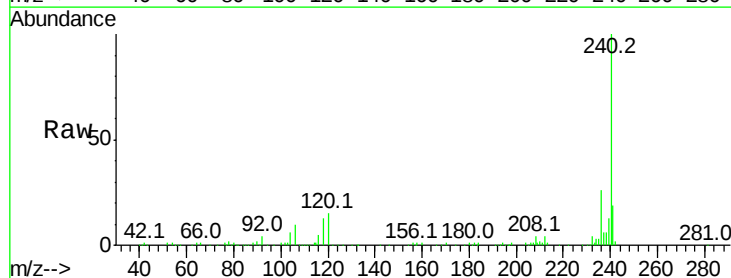
Instrument :
BNA_F
ClientSampleId :
B-42C

Tot Ion:188 Resp: 340778
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.4 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: BF099371.D
Acq: 12 Oct 2017 3:46

Tgt Ion:240 Resp: 174307
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 102.368 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099371.D

Acq: 12 Oct 2017 3:46

Instrument :

BNA_F

ClientSampleId :

B-42C

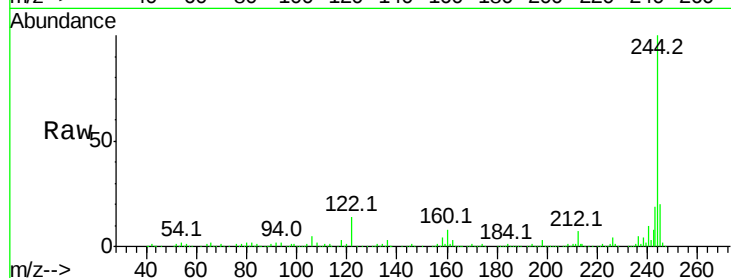
Tot Ion:244 Resp: 784605

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

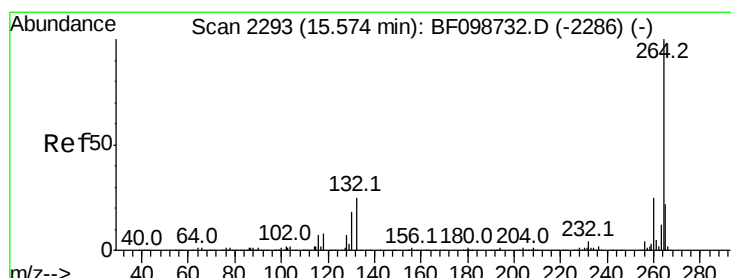
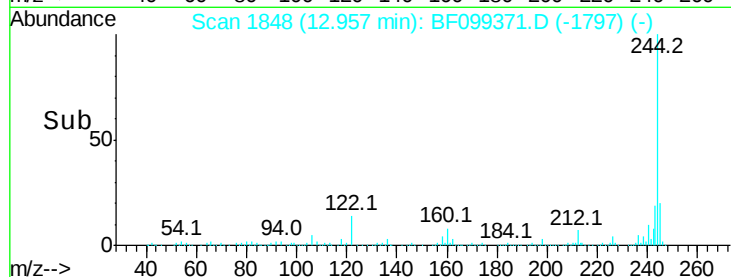
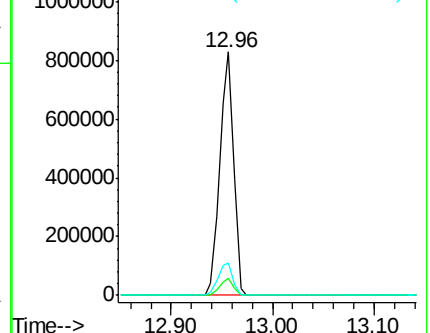
122 13.5 11.0 16.4



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: BF099371.D

Acq: 12 Oct 2017 3:46

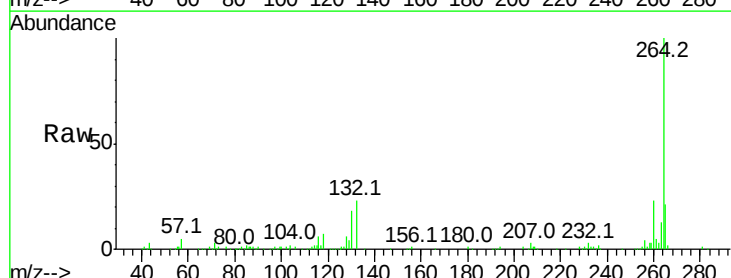
Tgt Ion:264 Resp: 169435

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.2 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

