

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099368.D
 Acq On : 12 Oct 2017 2:21
 Operator : SJ/JU
 Sample : I5710-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2C

Quant Time: Oct 12 02:48:37 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

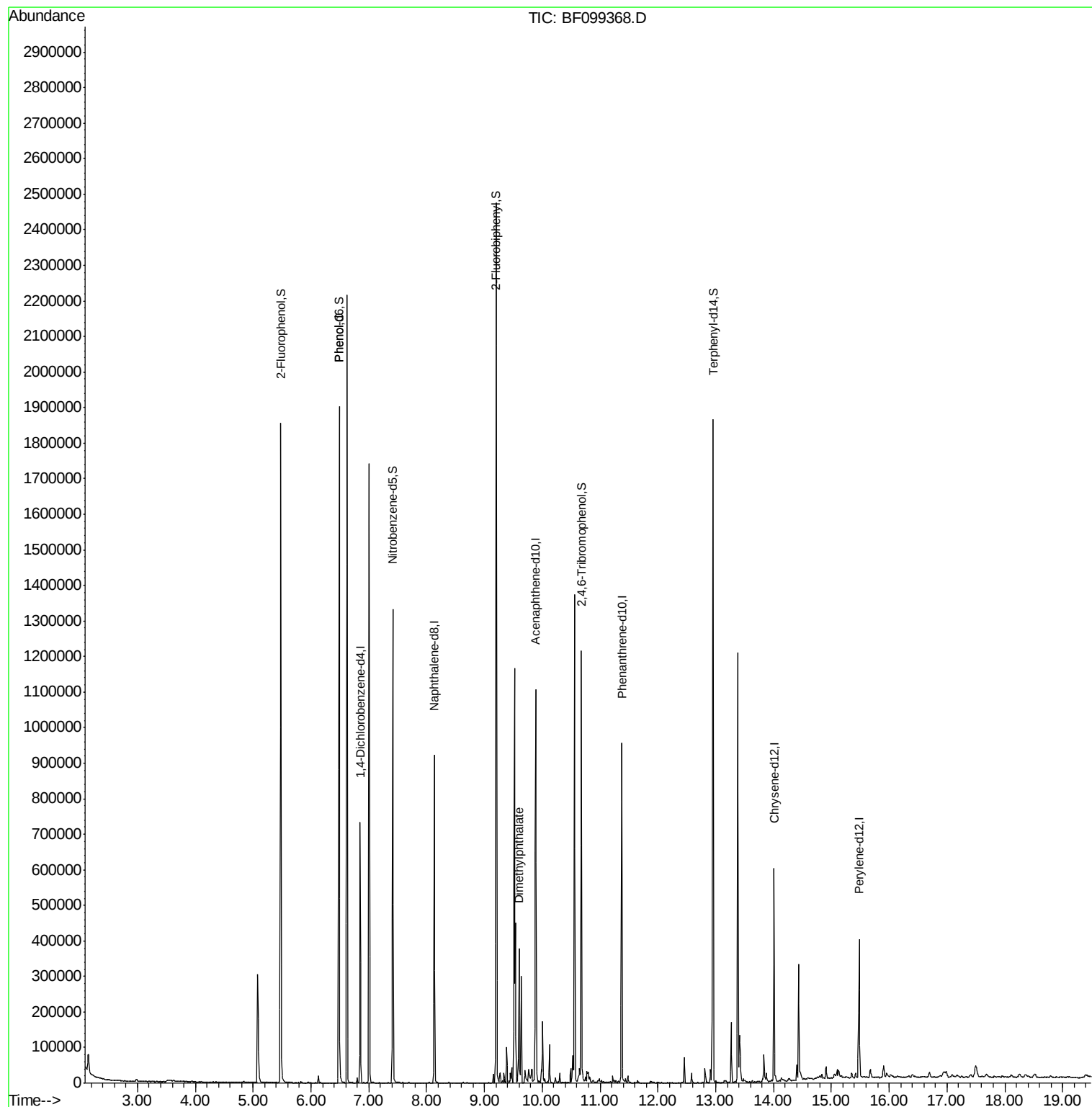
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105121	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	430699	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	192553	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	332337	20.00	ng	0.00
75) Chrysene-d12	14.01	240	179621	20.00	ng	0.00
86) Perylene-d12	15.48	264	167645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	583371	88.34	ng	0.00
7) Phenol-d6	6.49	99	700674	86.01	ng	0.00
23) Nitrobenzene-d5	7.42	82	439014	65.37	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	134736	85.51	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	831641	72.10	ng	0.00
78) Terphenyl-d14	12.96	244	636338	80.57	ng	0.00
Target Compounds						
10) Phenol	6.49	94	23542	2.584	ng	Qvalue # 74
49) Dimethylphthalate	9.60	163	127243	8.756	ng	100

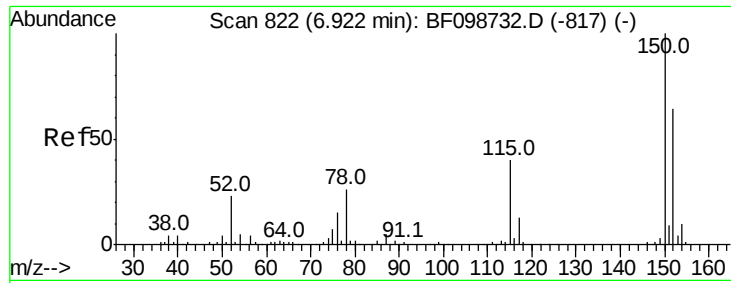
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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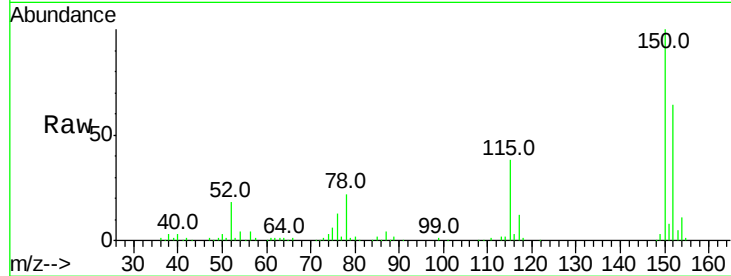


#1

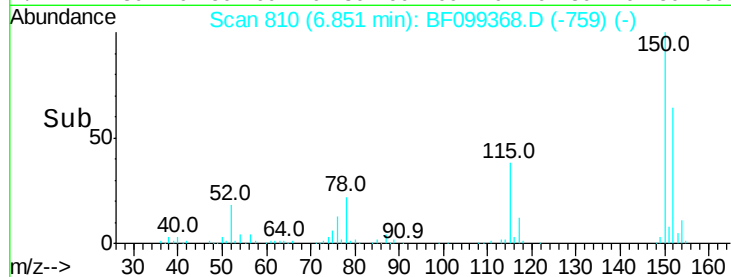
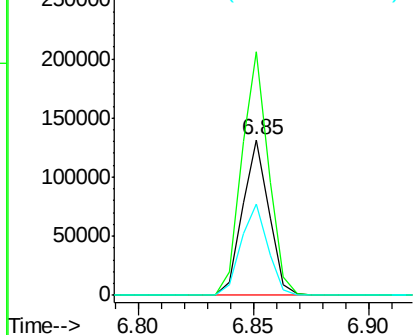
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099368.D
Acq: 12 Oct 2017 2:21

Instrument :
BNA_F
ClientSampled :
B-2C

Tot Ion:152 Resp: 105121
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.9 50.1 75.1



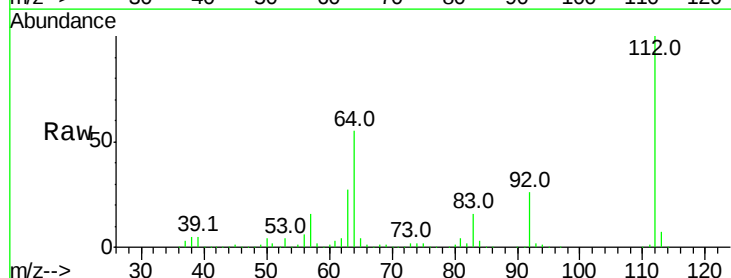
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



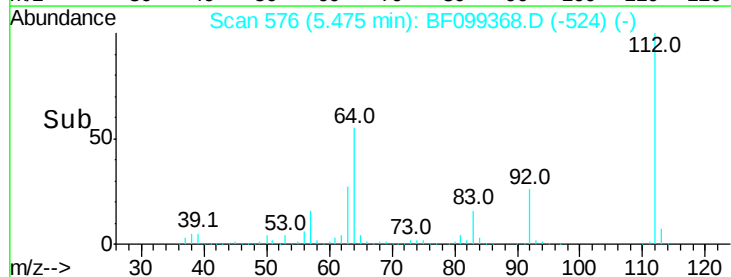
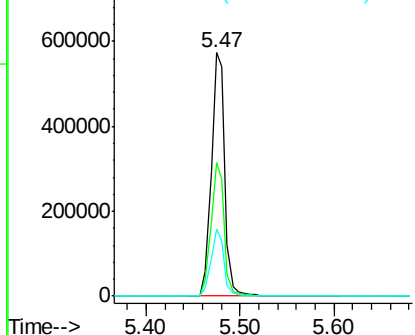
#5

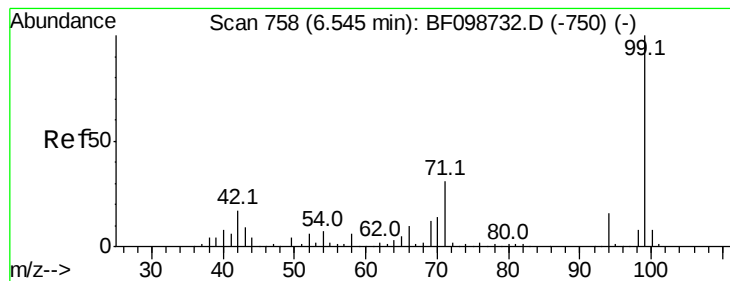
2-Fluorophenol
Concen: 88.343 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099368.D
Acq: 12 Oct 2017 2:21

Tgt Ion:112 Resp: 583371
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 27.4 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: 86.013 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099368.D

Acq: 12 Oct 2017 2:21

Instrument :

BNA_F

ClientSampleId :

B-2C

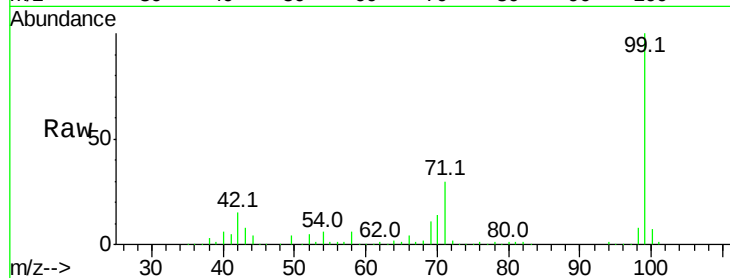
Tot Ion: 99 Resp: 700674

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

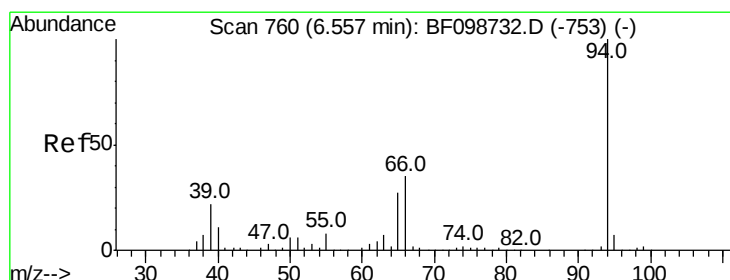
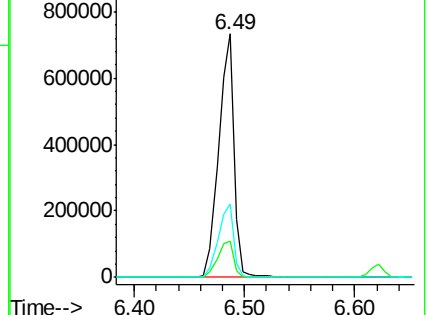
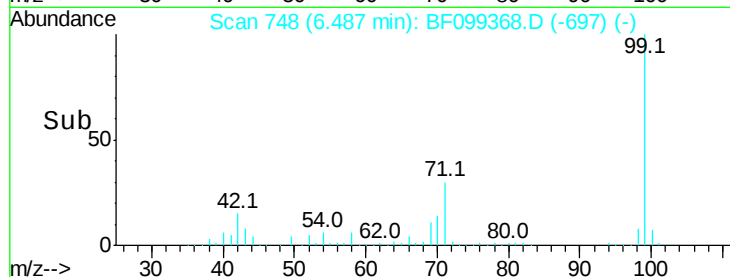
71 30.1 25.4 38.0



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: 2.584 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099368.D

Acq: 12 Oct 2017 2:21

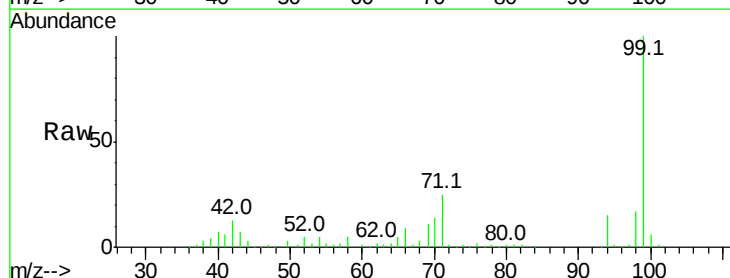
Tgt Ion: 94 Resp: 23542

Ion Ratio Lower Upper

94 100

65 35.4 7.9 47.9

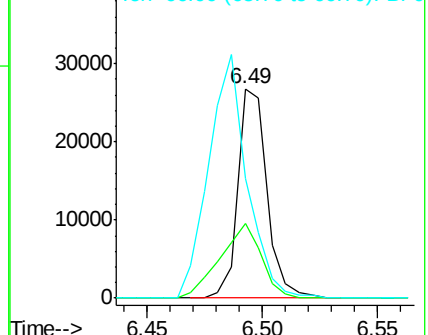
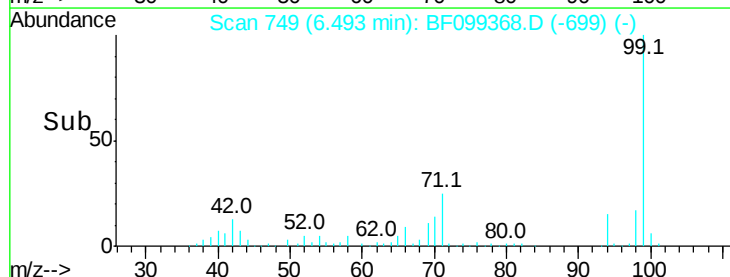
66 56.9 16.2 56.2#



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

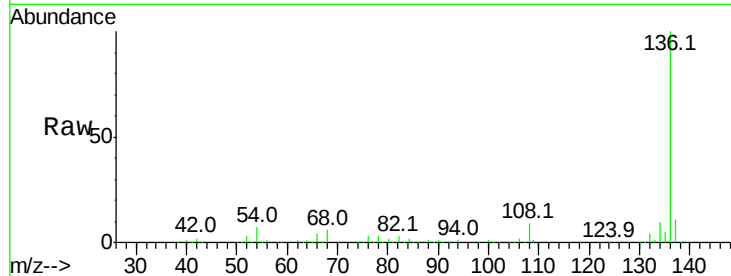




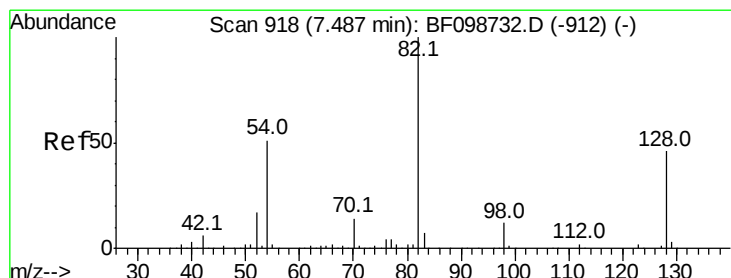
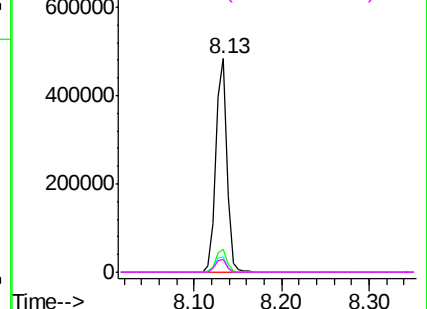
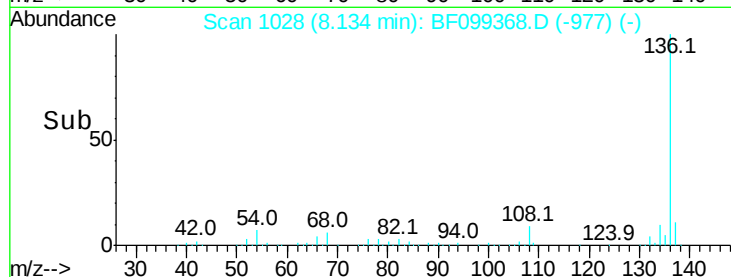
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099368.D
Acq: 12 Oct 2017 2:21

Instrument :
BNA_F
ClientSampleId :
B-2C

Tot Ion:	136	Resp:	430699
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4

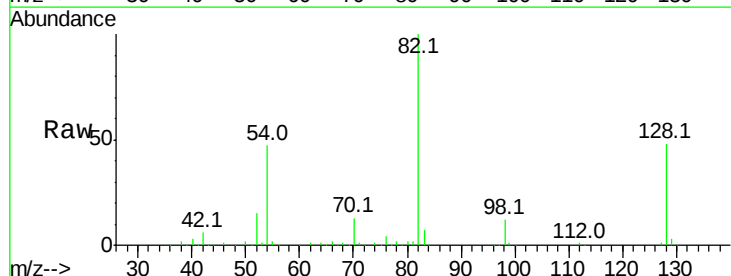


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

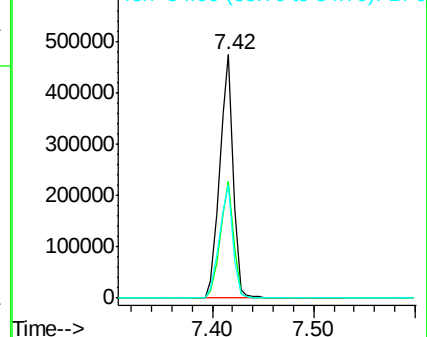
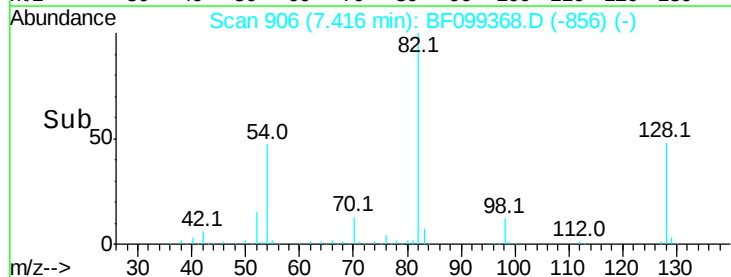


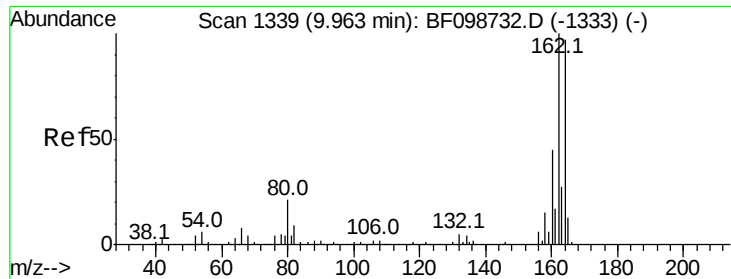
#23
Nitrobenzene-d5
Concen: 65.368 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099368.D
Acq: 12 Oct 2017 2:21

Tgt Ion:	82	Resp:	439014
Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	46.7	41.4	62.2



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

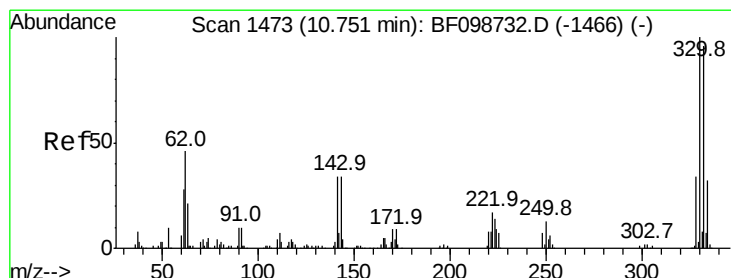
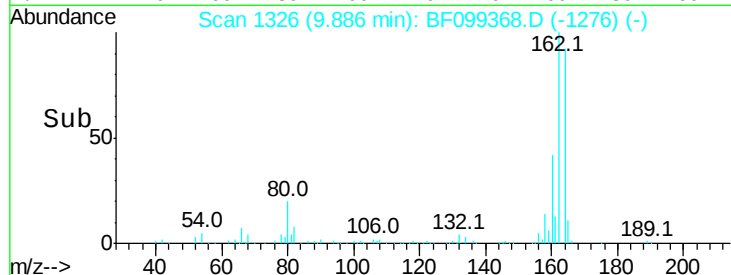
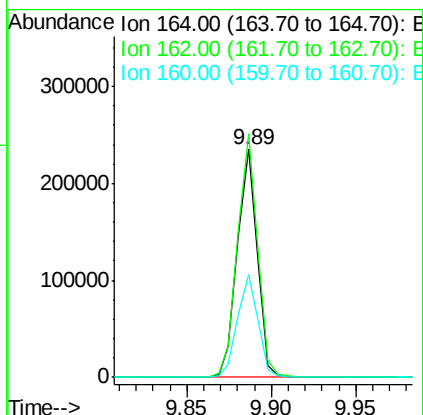
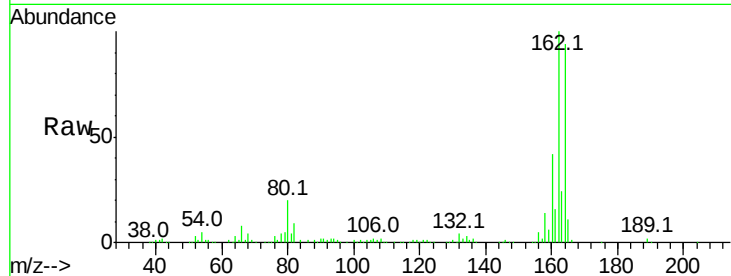




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099368.D
 Acq: 12 Oct 2017 2:21

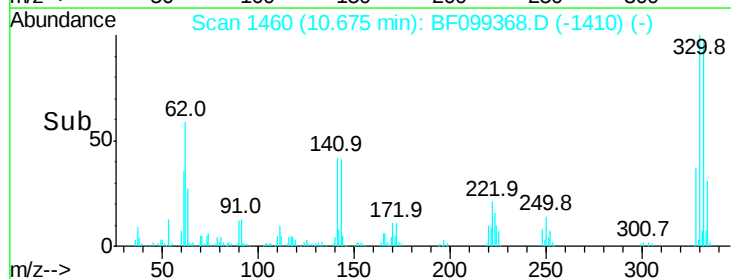
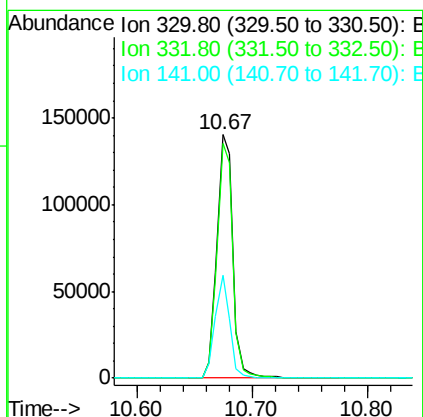
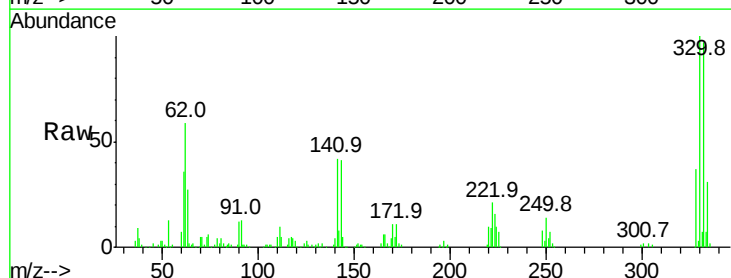
Instrument :
 BNA_F
 ClientSampleId :
 B-2C

Tot Ion:164 Resp: 192553
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.1 129.1
 160 45.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.514 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099368.D
 Acq: 12 Oct 2017 2:21

Tgt Ion:330 Resp: 134736
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 38.9 29.9 44.9

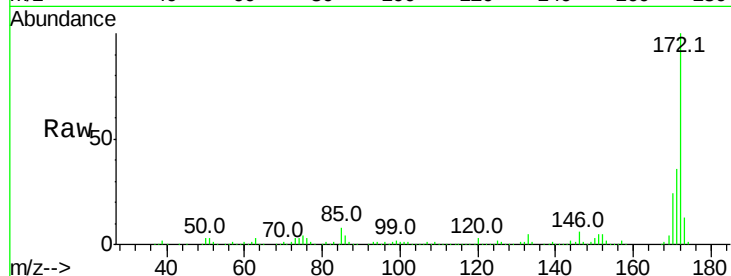




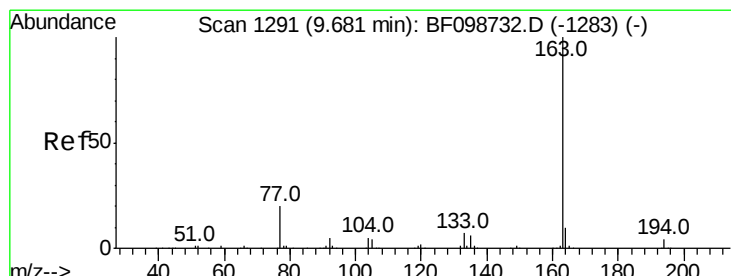
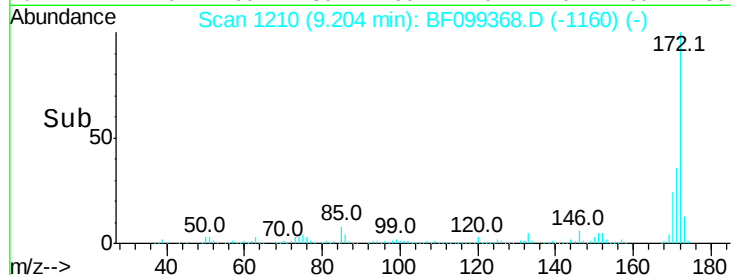
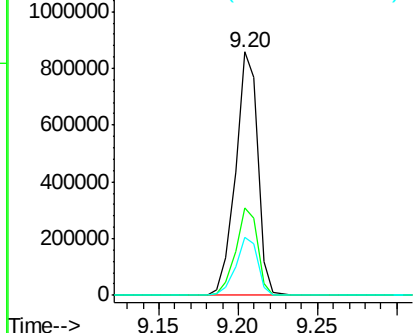
#44
2-Fluorobiphenyl
Concen: 72.103 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099368.D
Acq: 12 Oct 2017 2:21

Instrument :
BNA_F
ClientSampled :
B-2C

Tot Ion:172 Resp: 831641
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.9 19.6 29.4

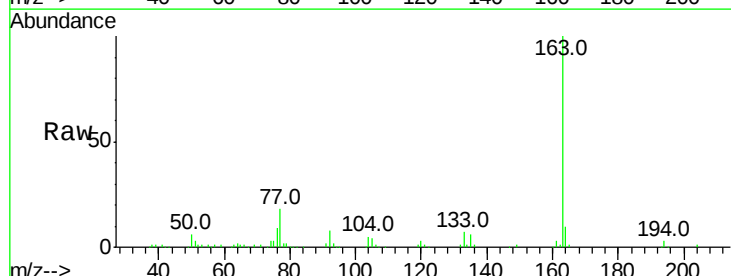


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

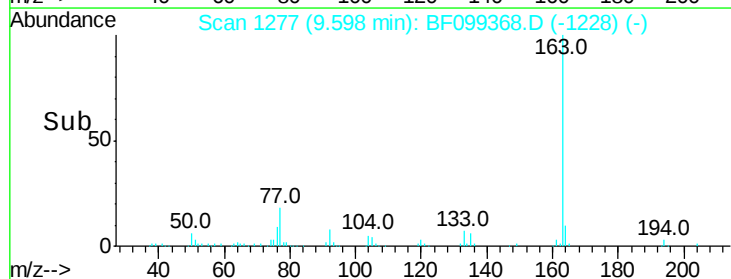
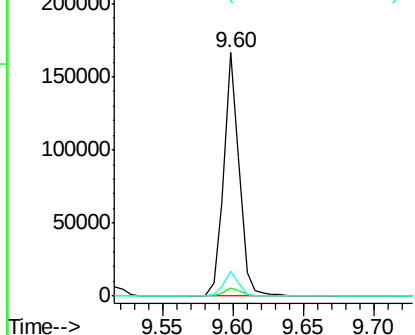


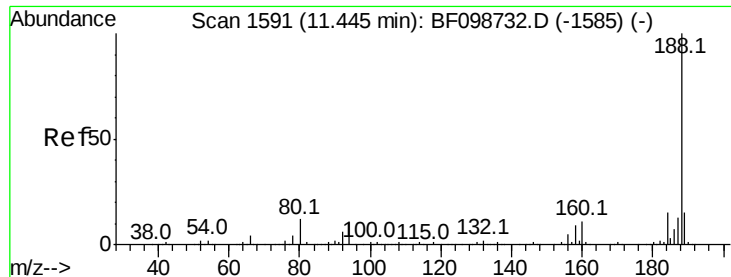
#49
Dimethylphthalate
Concen: 8.756 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099368.D
Acq: 12 Oct 2017 2:21

Tgt Ion:163 Resp: 127243
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 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

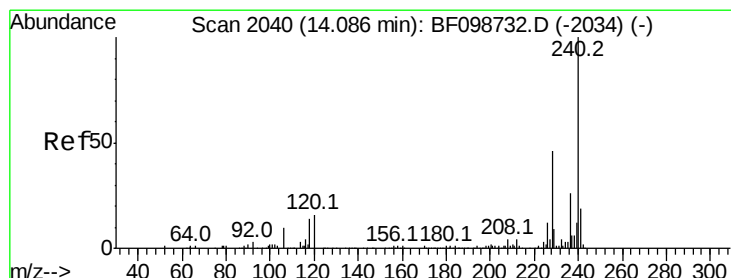
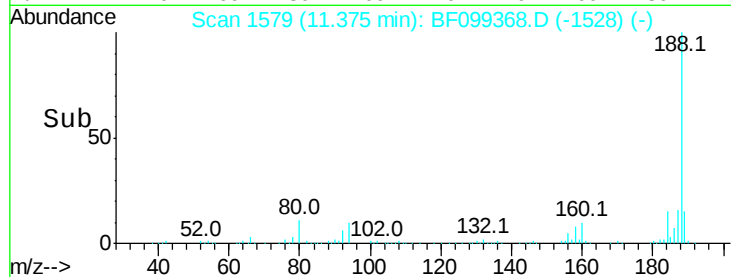
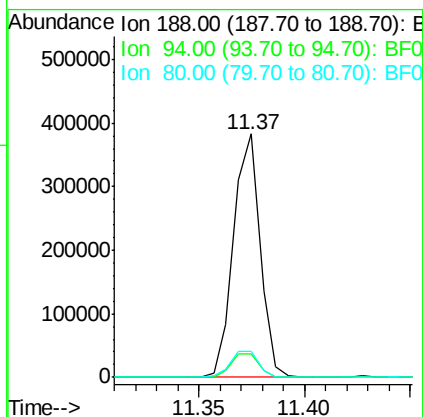
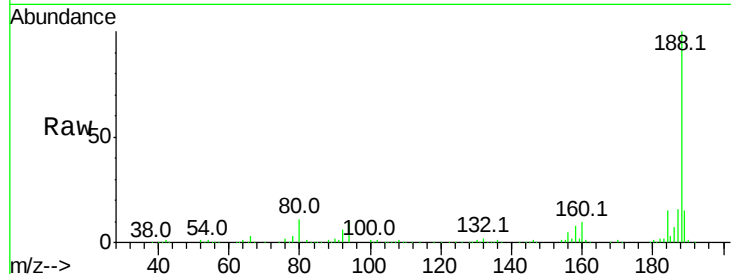




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099368.D
Acq: 12 Oct 2017 2:21

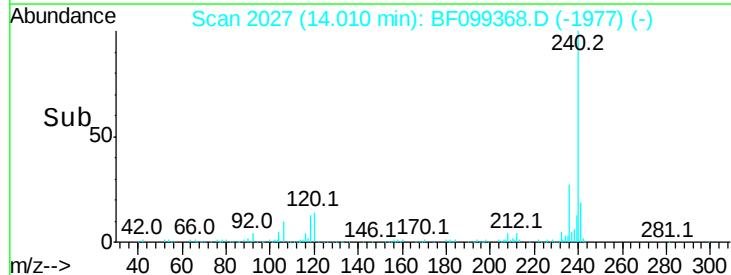
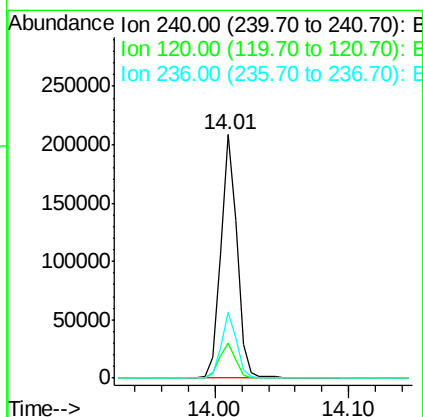
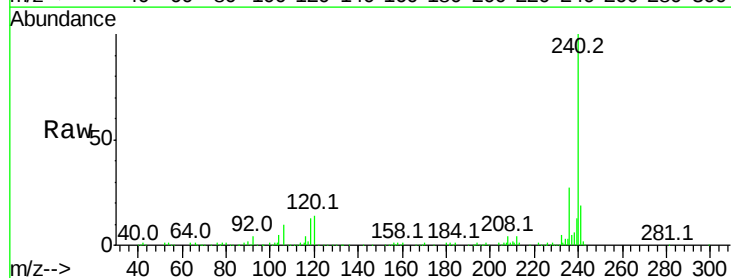
Instrument :
BNA_F
ClientSampleId :
B-2C

Tot Ion:188 Resp: 332337
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.6 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: BF099368.D
Acq: 12 Oct 2017 2:21

Tgt Ion:240 Resp: 179621
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 80.567 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099368.D

Acq: 12 Oct 2017 2:21

Instrument :

BNA_F

ClientSampleId :

B-2C

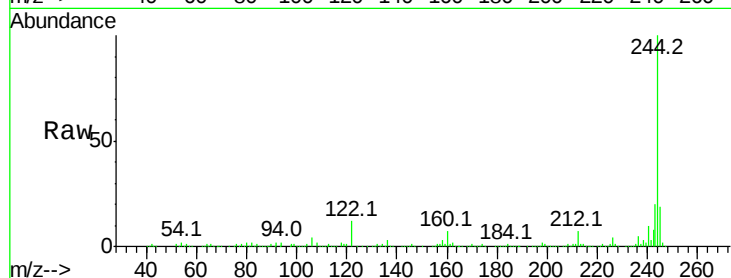
Tot Ion:244 Resp: 636338

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

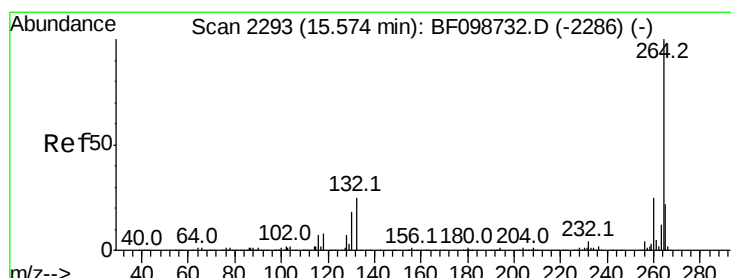
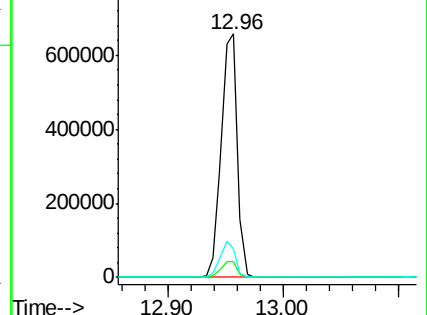
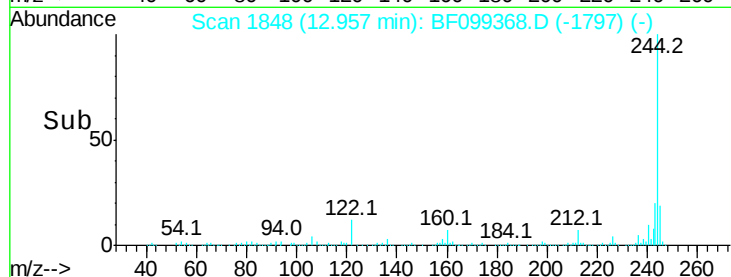
122 11.9 11.0 16.4



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: BF099368.D

Acq: 12 Oct 2017 2:21

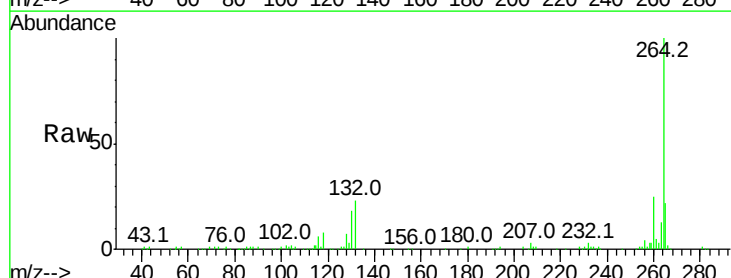
Tgt Ion:264 Resp: 167645

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.2 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

