

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099662.D
 Acq On : 19 Oct 2017 17:39
 Operator : SJ/JU
 Sample : I5901-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-6-20170693

Quant Time: Oct 20 13:12:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

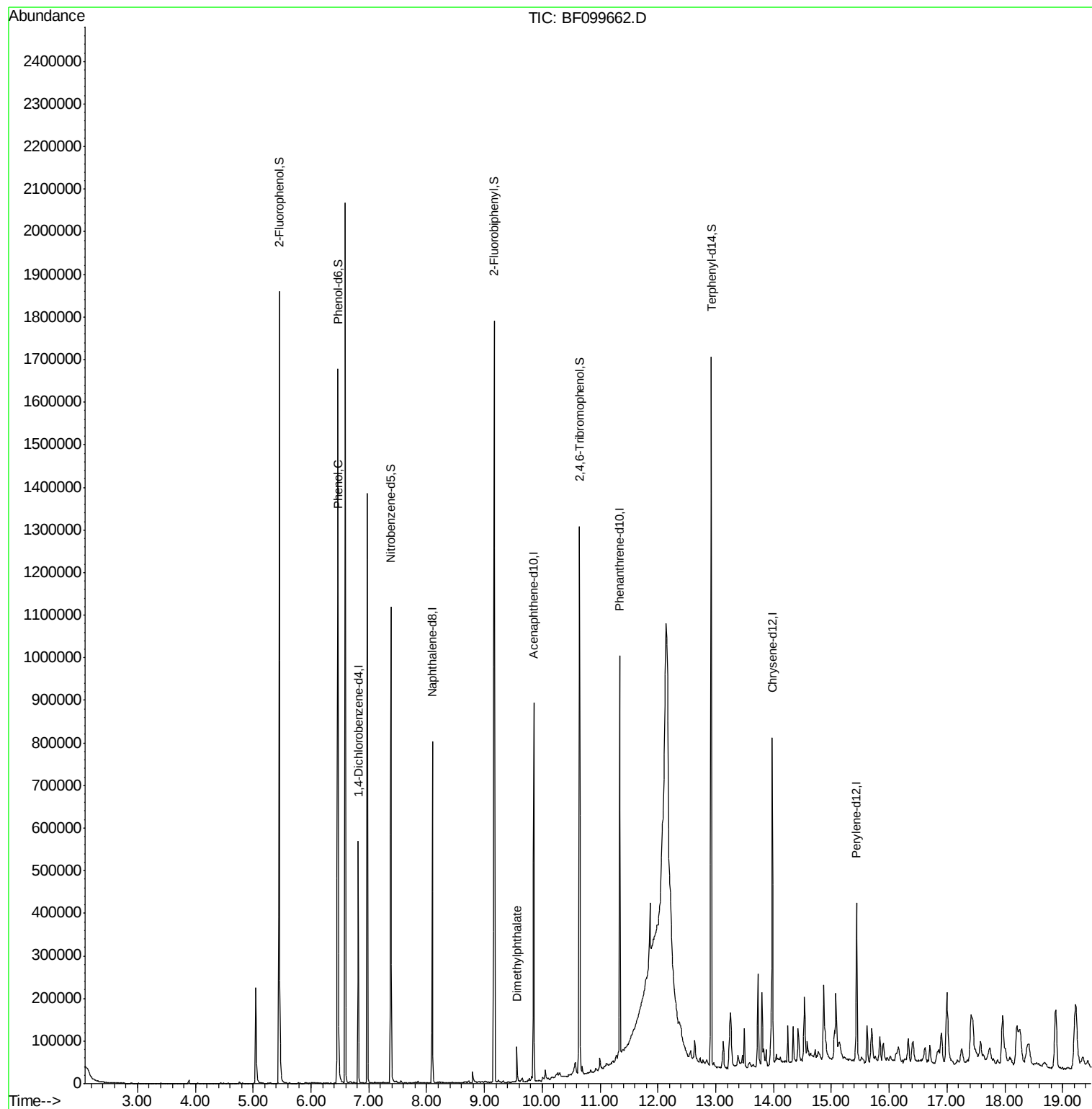
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86332	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	356688	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	167009	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	306991	20.00	ng	0.00
75) Chrysene-d12	13.98	240	194582	20.00	ng	0.00
86) Perylene-d12	15.44	264	151719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	578783	106.72	ng	0.01
7) Phenol-d6	6.46	99	693069	103.60	ng	0.00
23) Nitrobenzene-d5	7.39	82	412897	74.24	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	150844	110.38	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	592385	59.21	ng	0.00
78) Terphenyl-d14	12.92	244	499647	58.40	ng	0.00
Target Compounds						
10) Phenol	6.47	94	36744	4.911	ng	97
49) Dimethylphthalate	9.56	163	33080	2.624	ng	96

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

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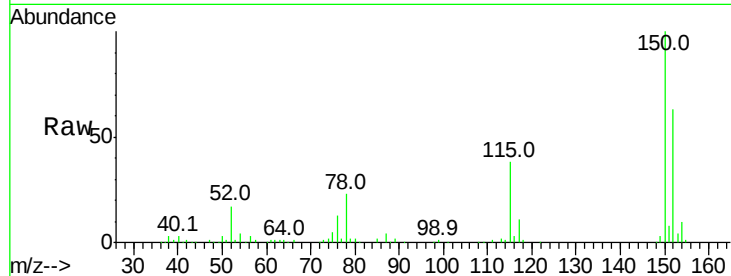


#1

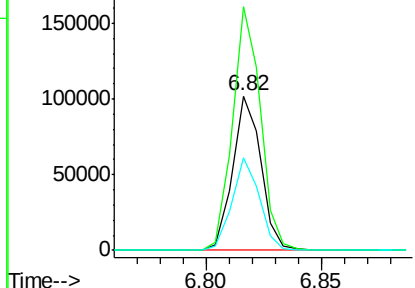
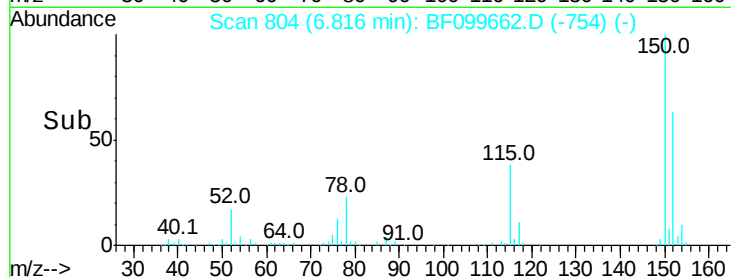
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :
S-6-20170693

Tot Ion:152 Resp: 86332
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 60.1 50.1 75.1



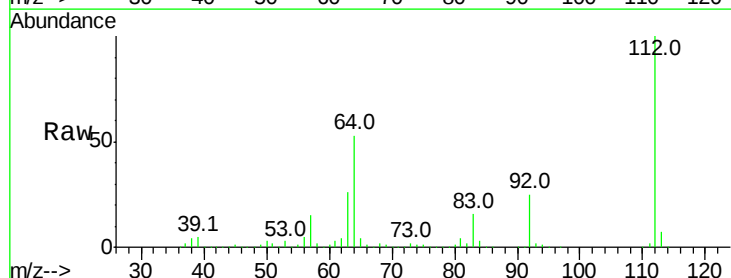
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



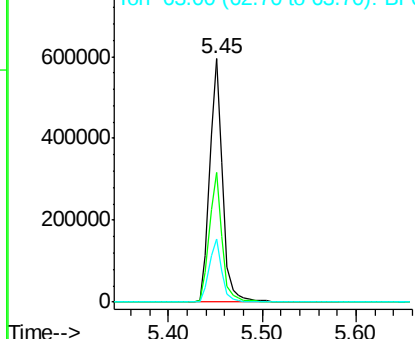
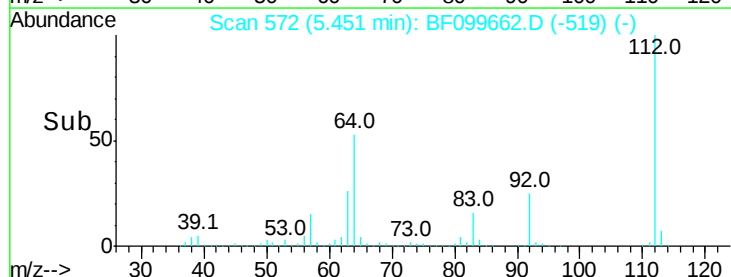
#5

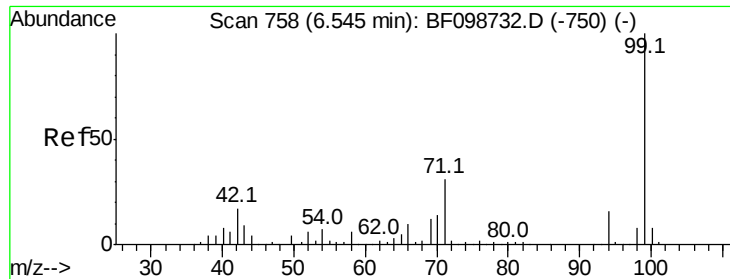
2-Fluorophenol
Concen: 106.723 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:112 Resp: 578783
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 25.7 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: 103.596 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099662.D

Acq: 19 Oct 2017 17:39

Instrument :

BNA_F

ClientSampleId :

S-6-20170693

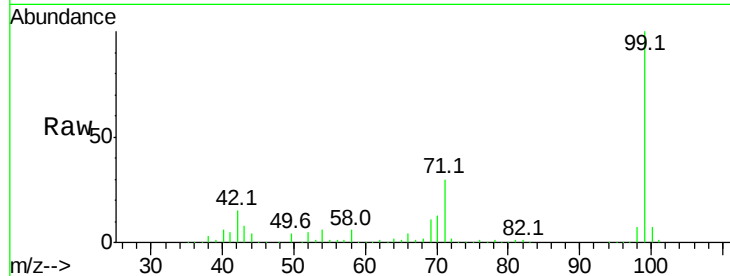
Tot Ion: 99 Resp: 693069

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

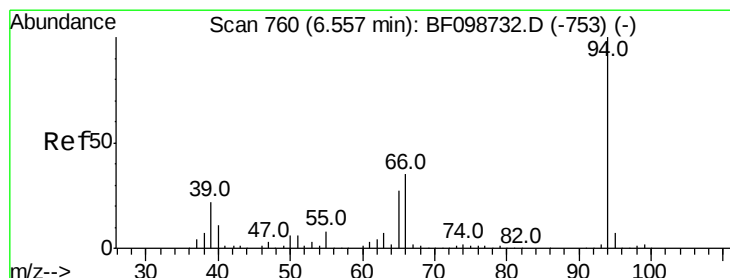
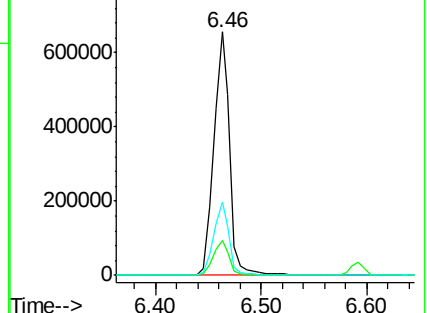
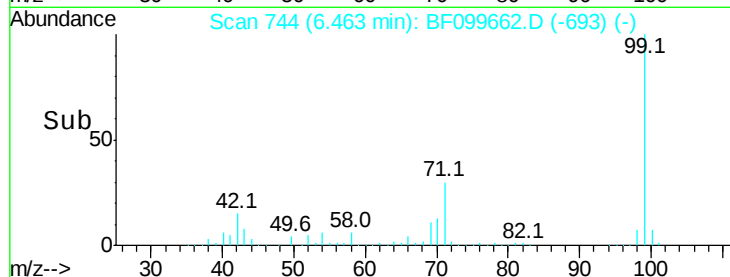
71 30.1 25.4 38.0



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: 4.911 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099662.D

Acq: 19 Oct 2017 17:39

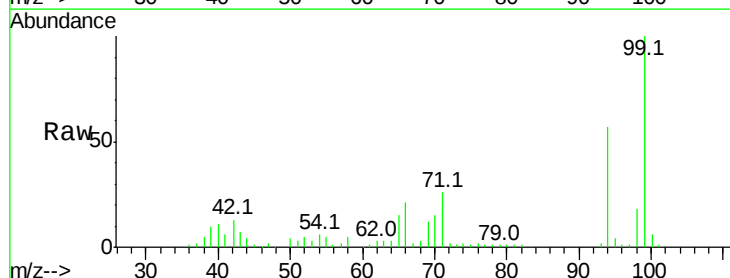
Tgt Ion: 94 Resp: 36744

Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

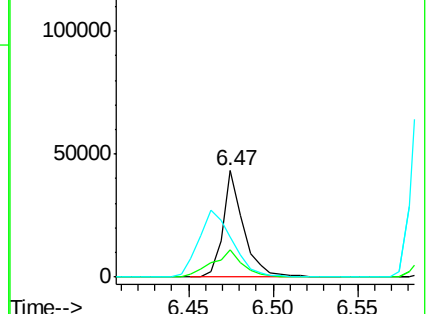
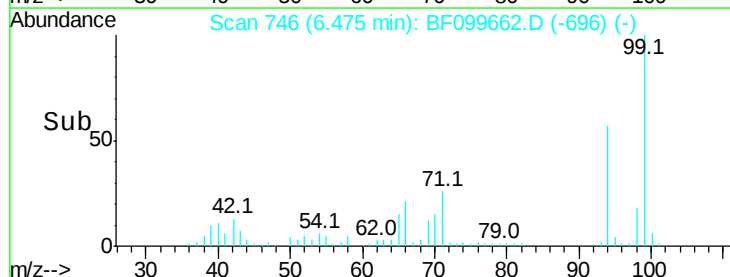
66 37.8 16.2 56.2



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

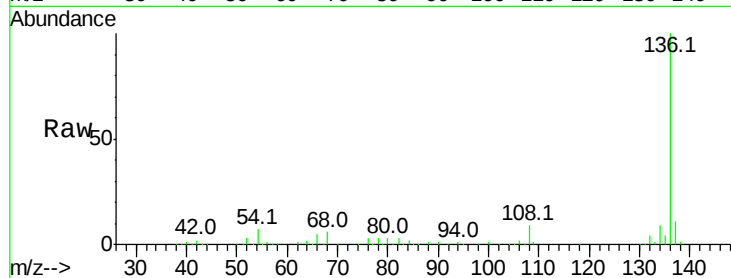




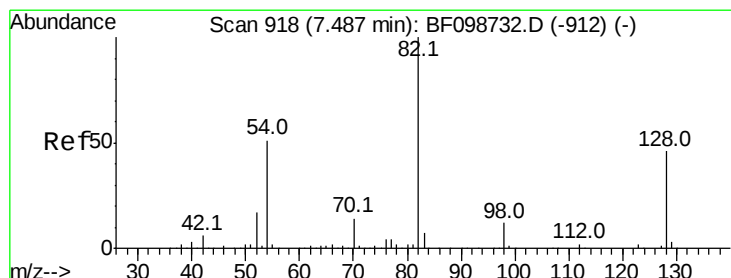
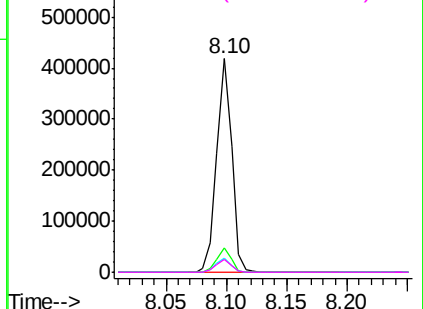
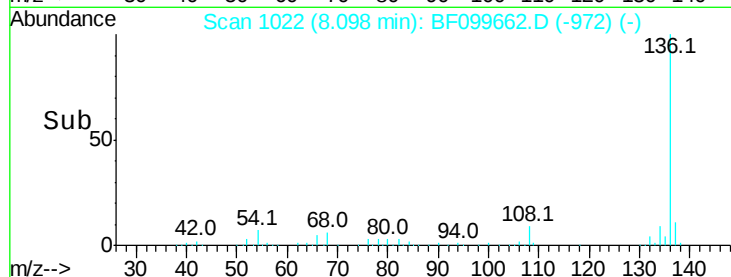
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :
S-6-20170693

Tot Ion:	136	Resp:	356688
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	6.6	9.8
68	6.1	5.0	7.4

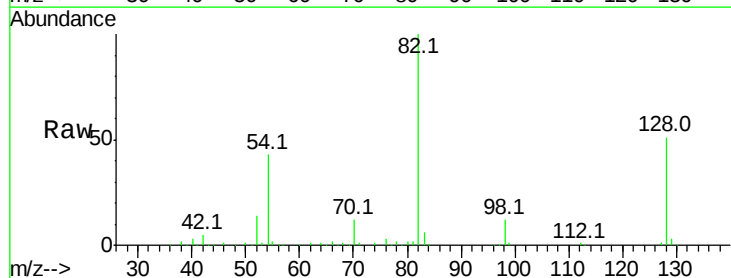


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

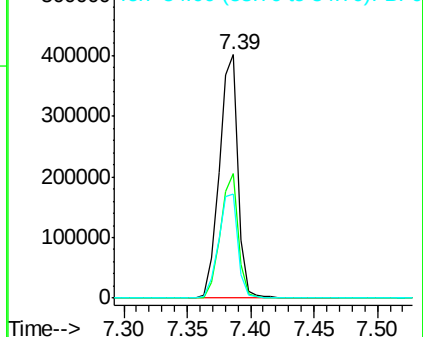
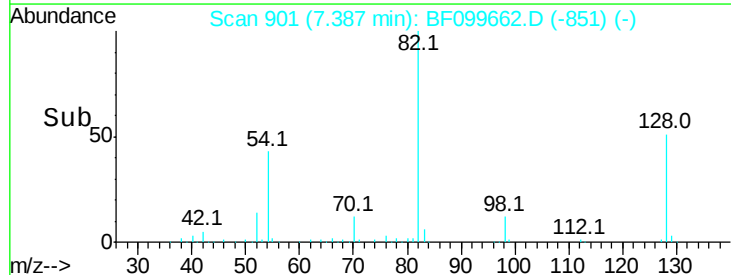


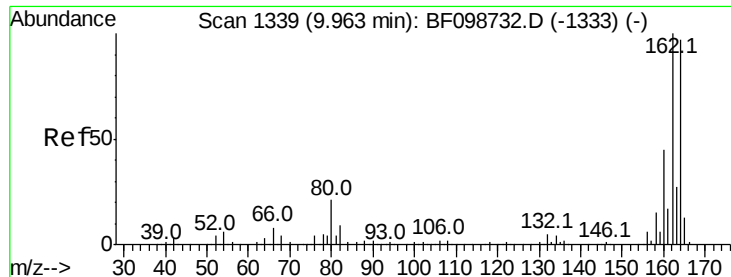
#23
Nitrobenzene-d5
Concen: 74.236 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:	82	Resp:	412897
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	42.9	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

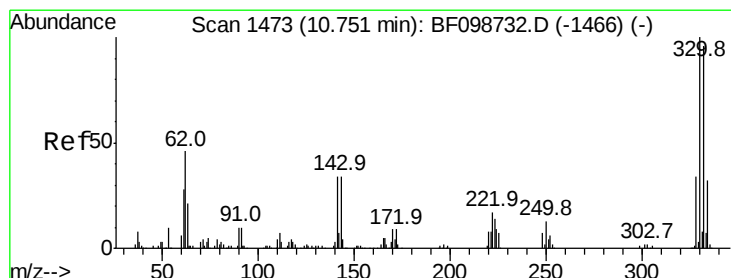
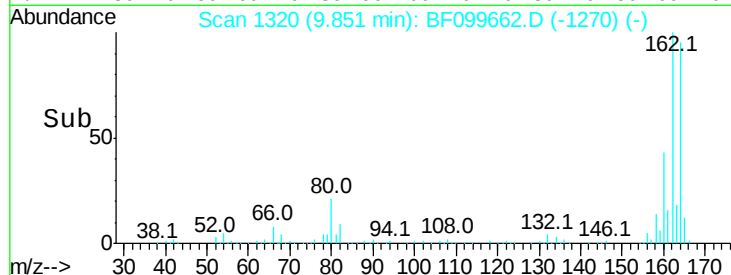
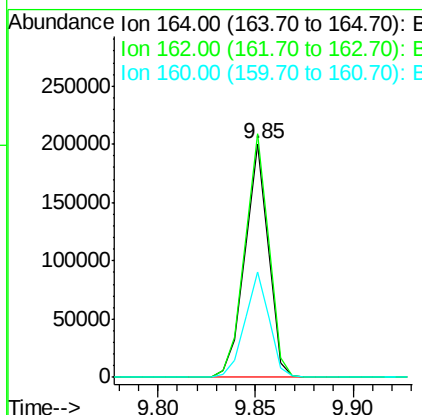
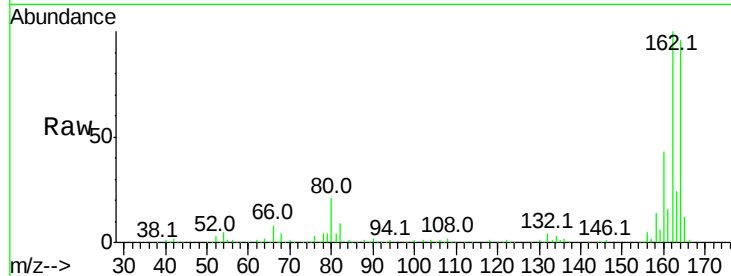




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

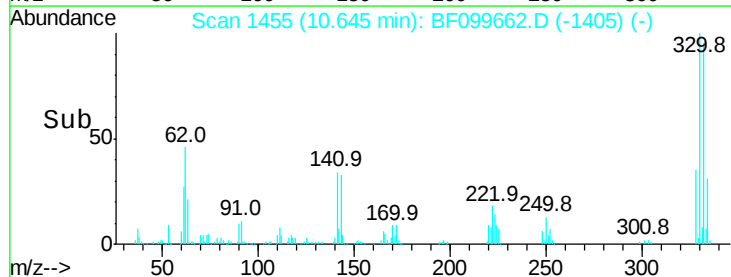
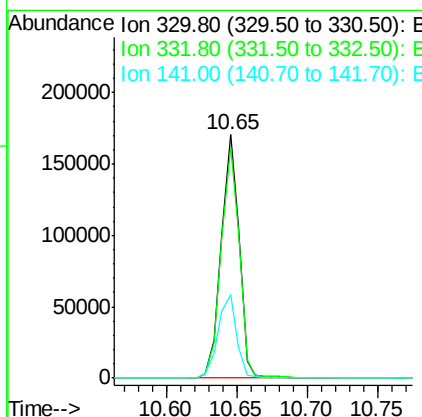
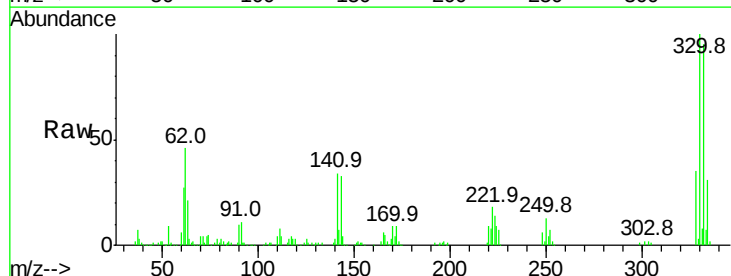
Instrument :
BNA_F
ClientSampleId :
S-6-20170693

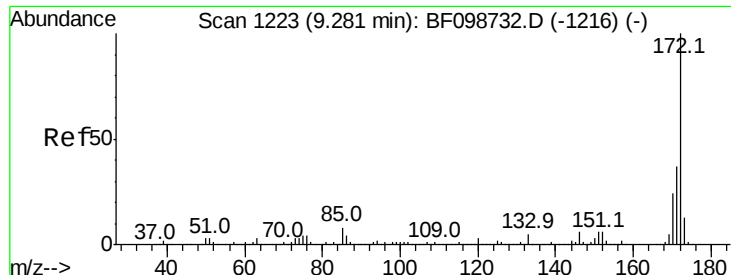
Tot Ion:164 Resp: 167009
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 110.380 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:330 Resp: 150844
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 35.8 29.9 44.9

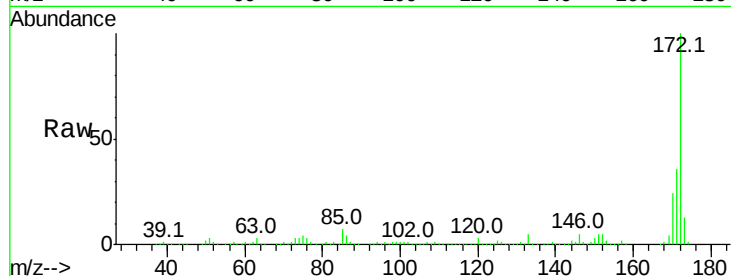




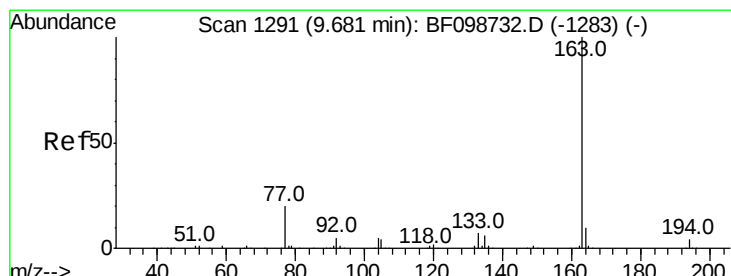
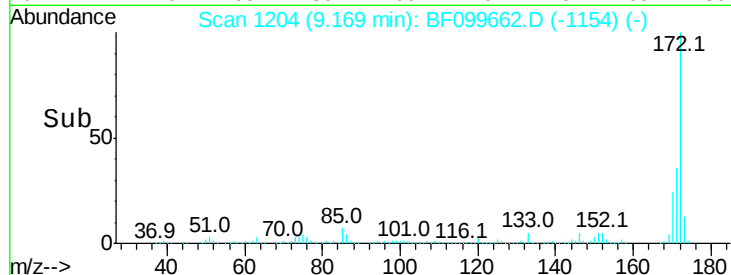
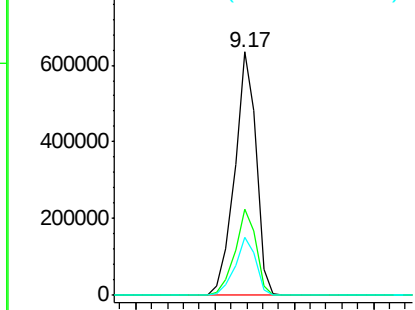
#44
2-Fluorobiphenyl
Concen: 59.215 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :
S-6-20170693

Tot Ion:172 Resp: 592385
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.7 19.6 29.4

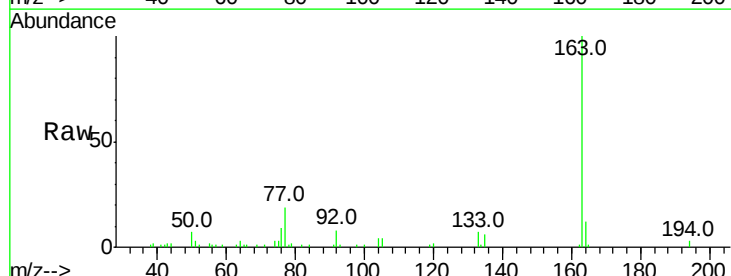


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

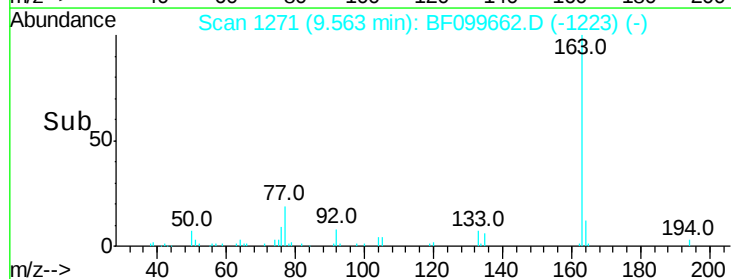
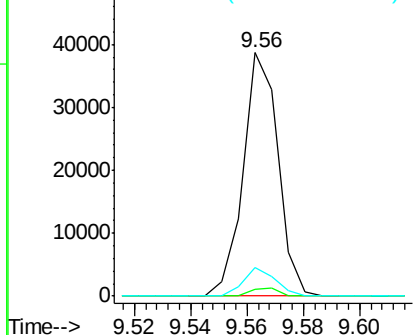


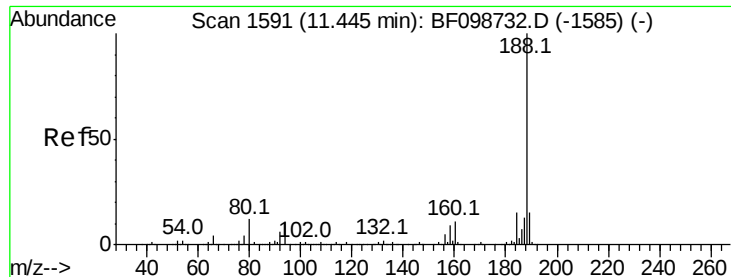
#49
Dimethylphthalate
Concen: 2.624 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:163 Resp: 33080
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 12.0 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

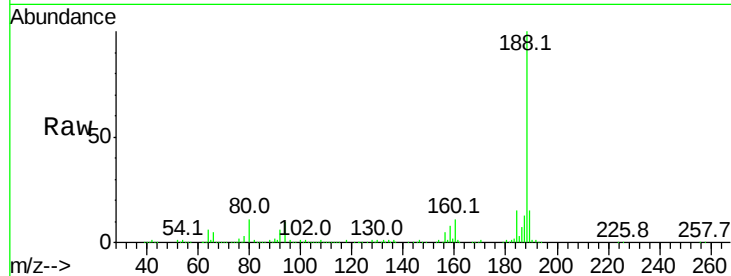




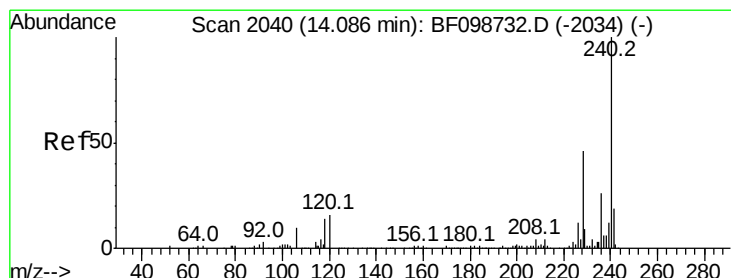
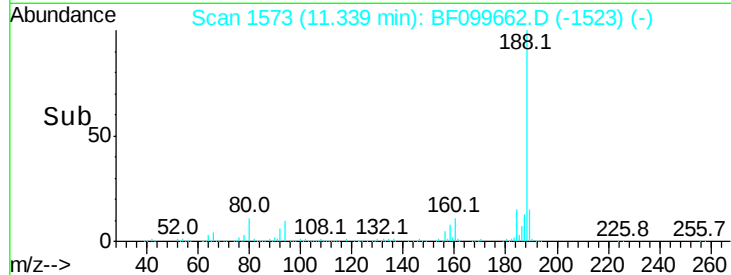
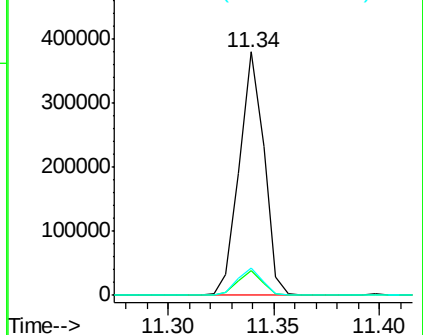
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :
S-6-20170693

Tot Ion:188 Resp: 306991
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.4 9.2 13.8

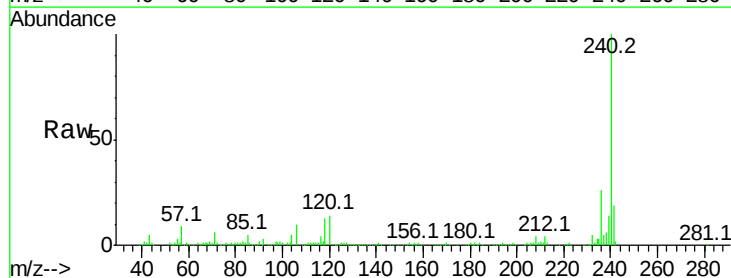


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

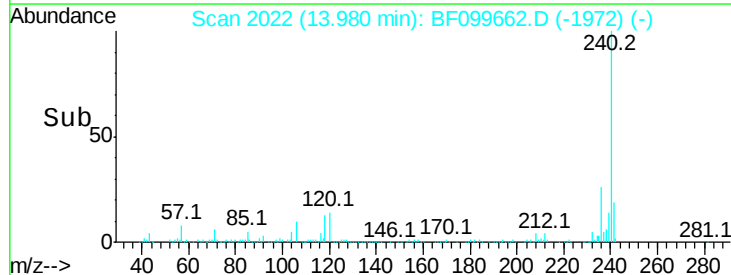
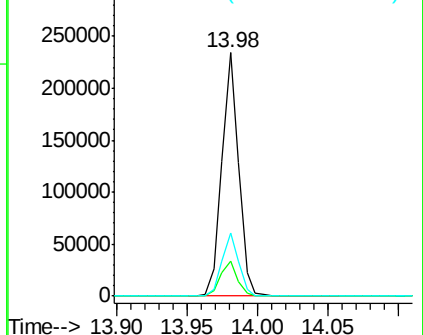


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:240 Resp: 194582
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 26.0 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: 58.397 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099662.D

Acq: 19 Oct 2017 17:39

Instrument :

BNA_F

ClientSampleId :

S-6-20170693

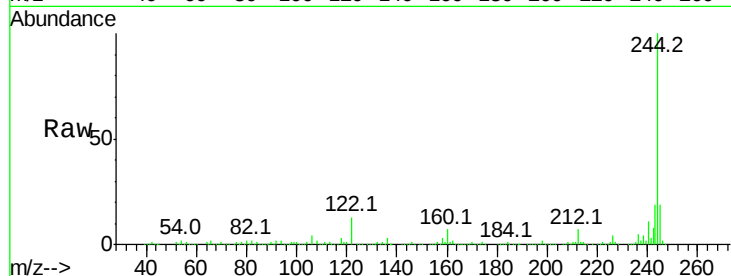
Tot Ion:244 Resp: 499647

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

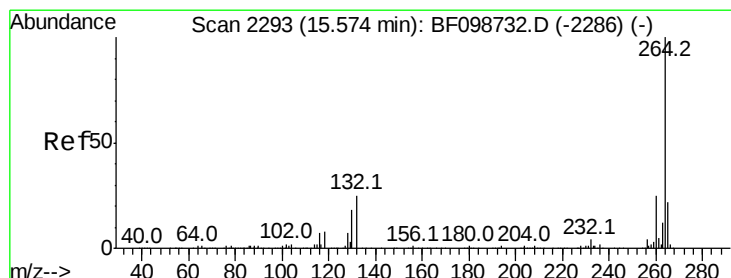
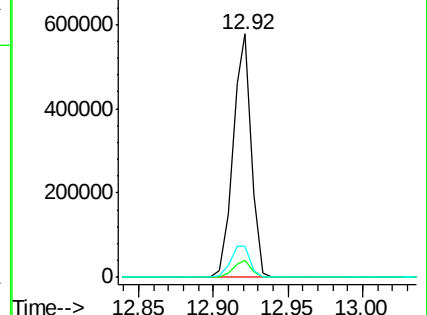
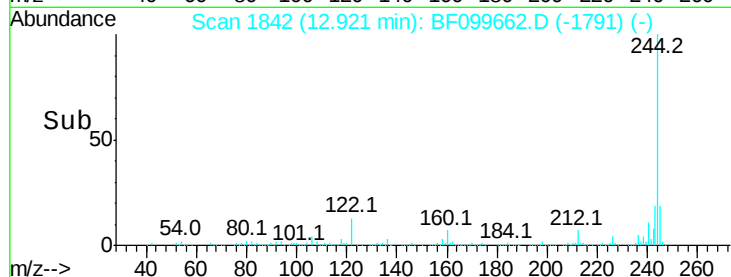
122 13.0 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099662.D

Acq: 19 Oct 2017 17:39

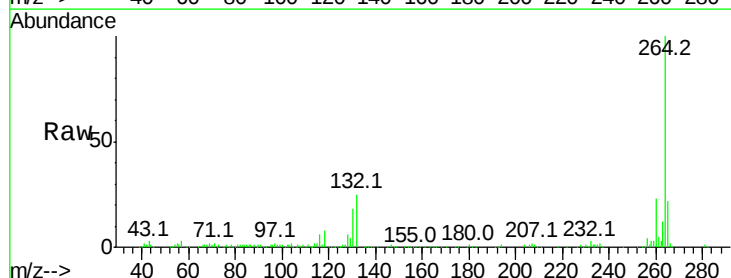
Tgt Ion:264 Resp: 151719

Ion Ratio Lower Upper

264 100

260 23.0 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

