

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099890.D
 Acq On : 27 Oct 2017 22:18
 Operator : SJ/JU
 Sample : PB103670BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103670BL

Quant Time: Oct 27 23:10:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92147	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	382013	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	184393	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	340328	20.00	ng	0.00
75) Chrysene-d12	13.99	240	232143	20.00	ng	0.00
86) Perylene-d12	15.46	264	171548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	570236	97.15	ng	0.00
7) Phenol-d6	6.44	99	670170	96.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	380998	64.21	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	159238	94.76	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	838865	70.19	ng	0.00
78) Terphenyl-d14	12.92	244	758899	71.44	ng	0.00

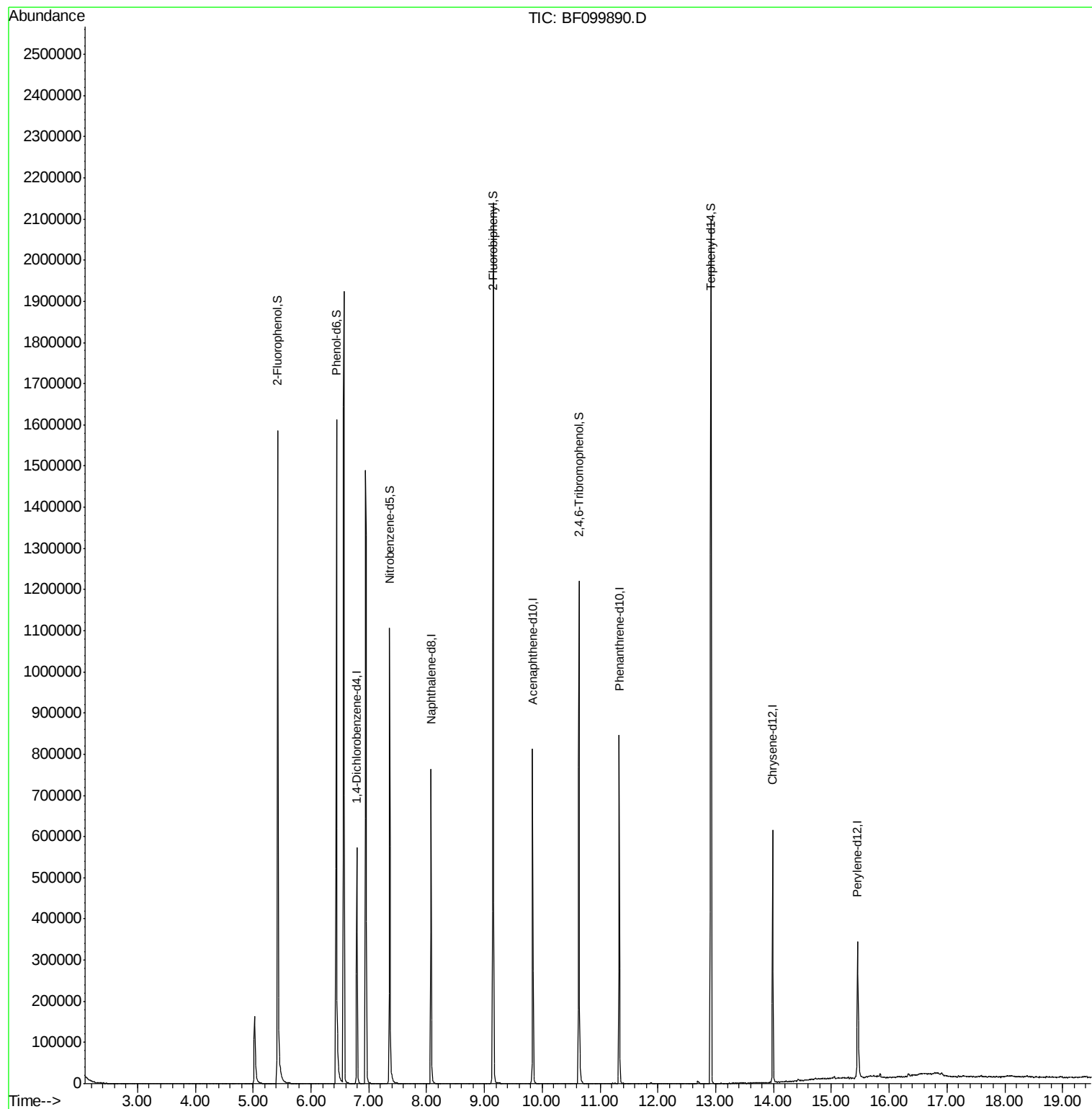
Target Compounds Qvalue

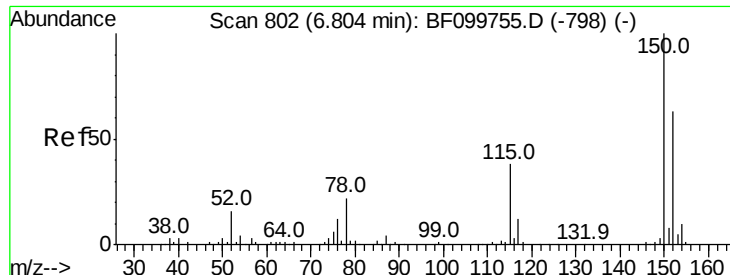
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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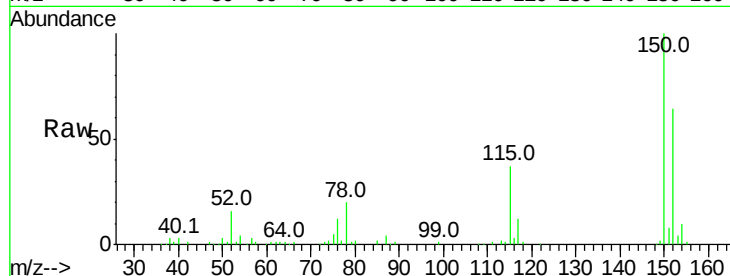


#1

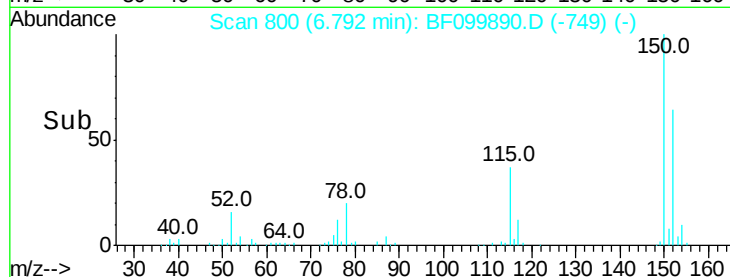
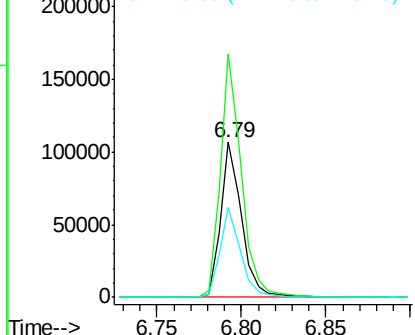
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Instrument :
BNA_F
ClientSampleId :
PB103670BL

Tot Ion:152 Resp: 92147
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 57.9 50.1 75.1



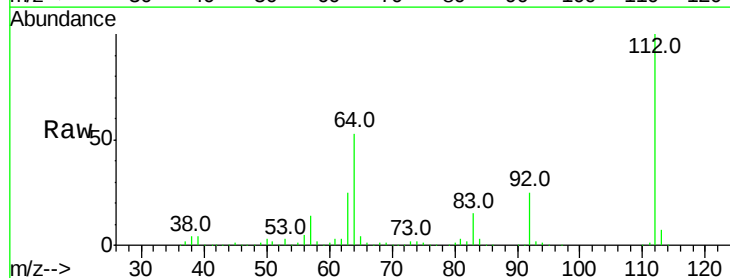
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



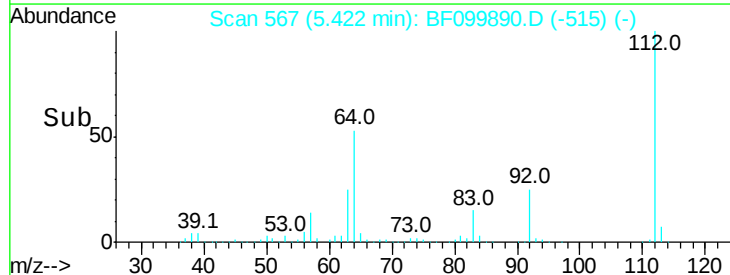
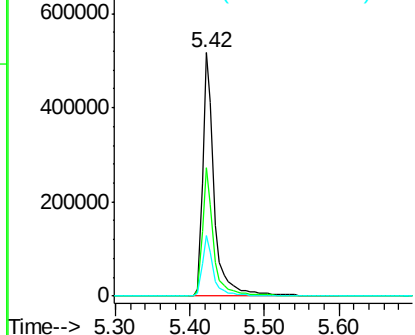
#5

2-Fluorophenol
Concen: 97.155 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Tgt Ion:112 Resp: 570236
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 24.7 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: 96.297 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

Instrument :

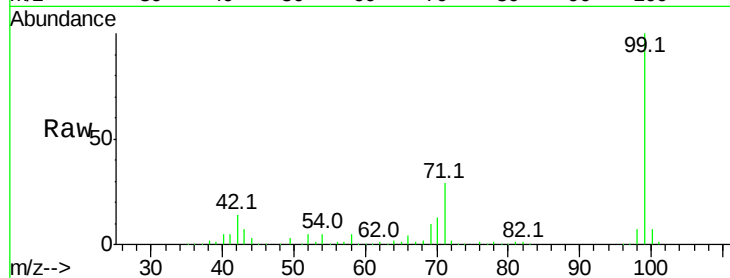
BNA_F

ClientSampleId :

PB103670BL

Tot Ion: 99 Resp: 670170

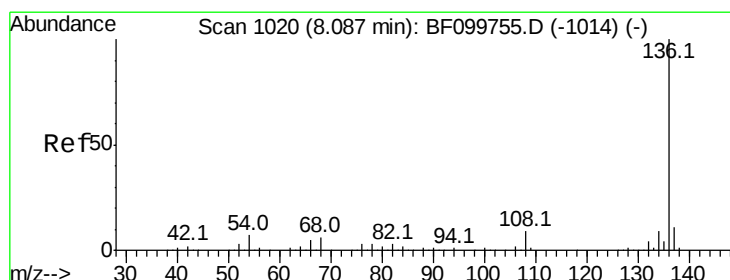
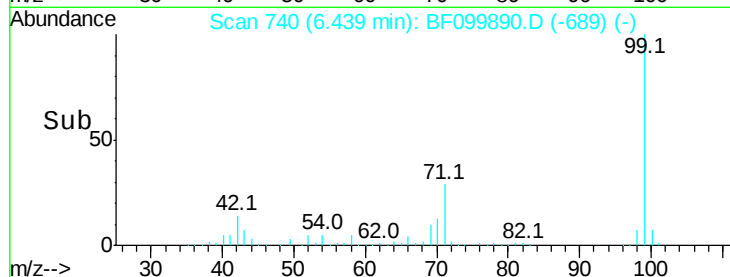
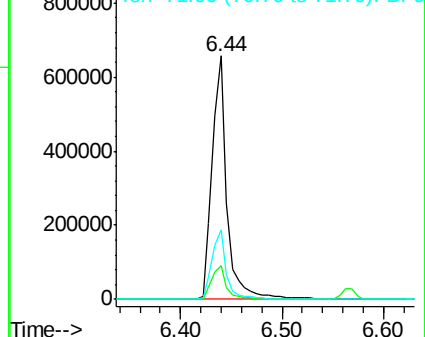
Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.5	21.7#
71	28.5	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

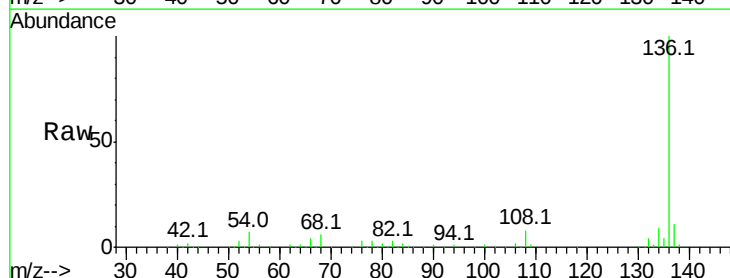
Delta R.T. -0.01 min

Lab File: BF099890.D

Acq: 27 Oct 2017 22:18

Tgt Ion: 136 Resp: 382013

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

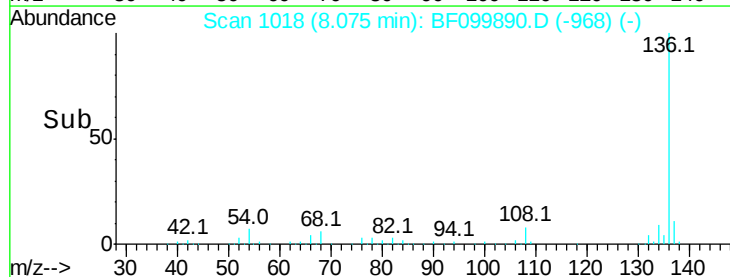
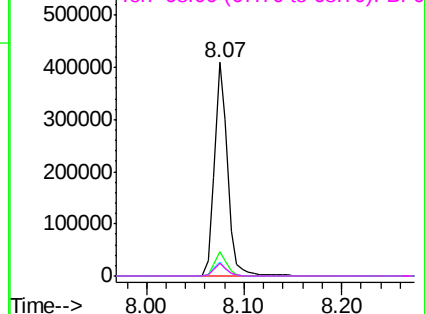


Abundance Ion 136.00 (135.70 to 136.70): E

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

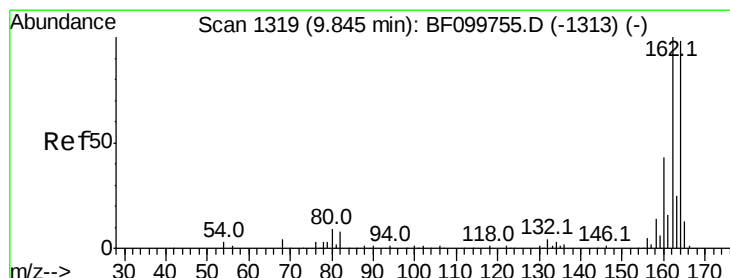
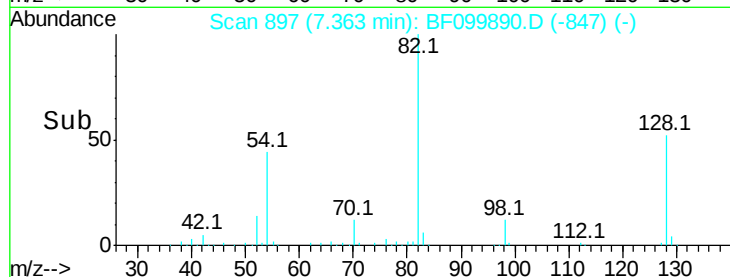
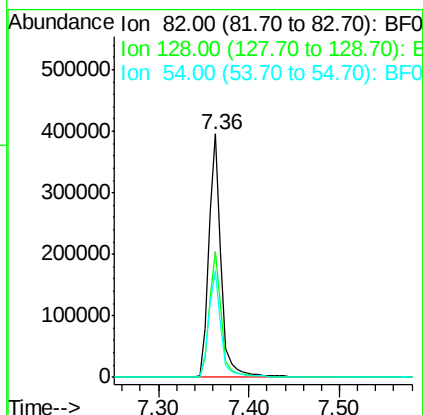
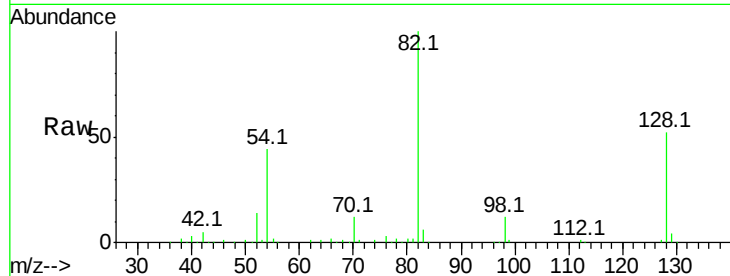




#23
Nitrobenzene-d5
Concen: 64.209 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

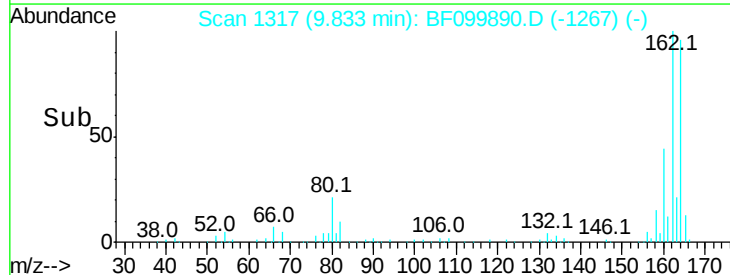
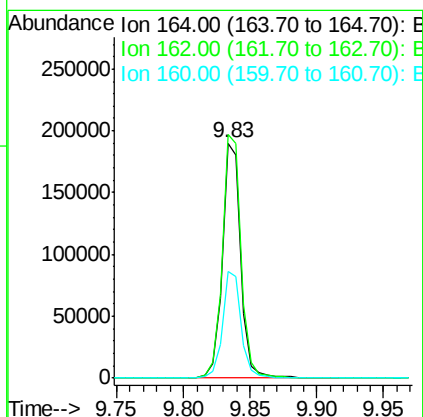
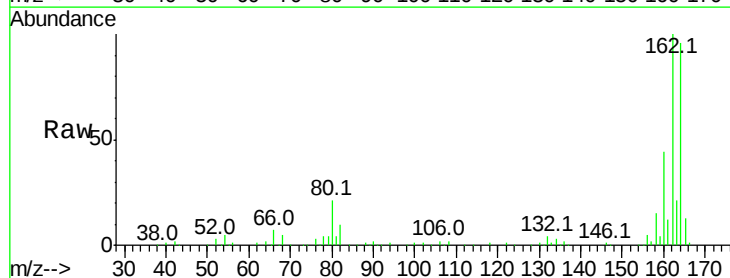
Instrument :
BNA_F
ClientSampleId :
PB103670BL

Tot Ion: 82 Resp: 380998
Ion Ratio Lower Upper
82 100
128 51.9 36.1 54.1
54 43.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Tgt Ion:164 Resp: 184393
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.2 38.3 57.5

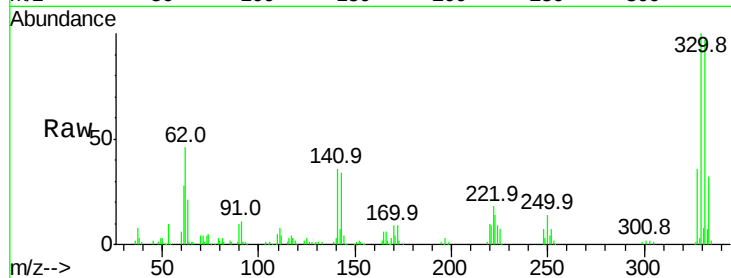




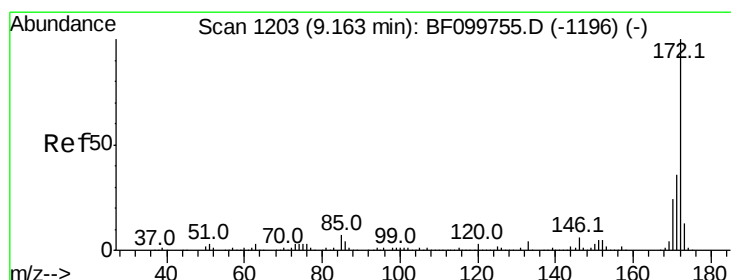
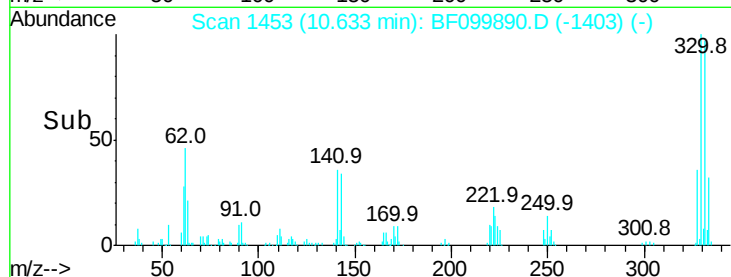
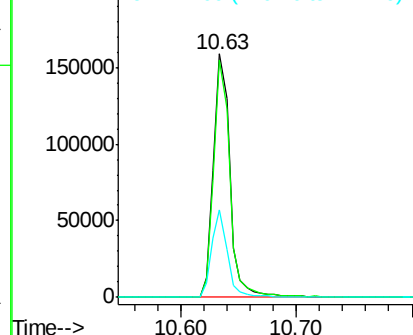
#41
 2,4,6-Tribromophenol
 Concen: 94.762 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099890.D
 Acq: 27 Oct 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB103670BL

Tot Ion:330 Resp: 159238
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 34.2 29.9 44.9

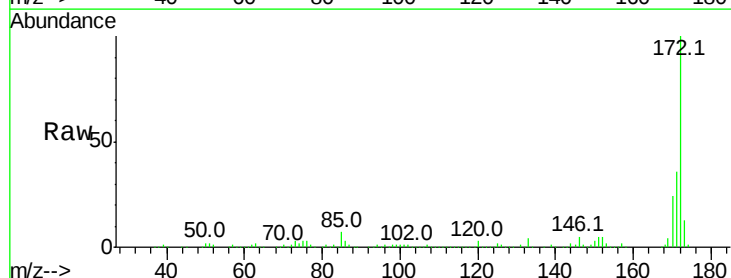


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

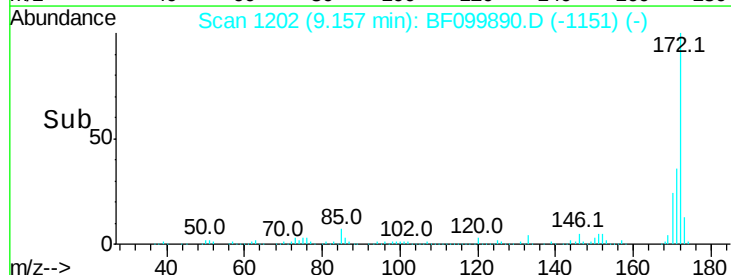
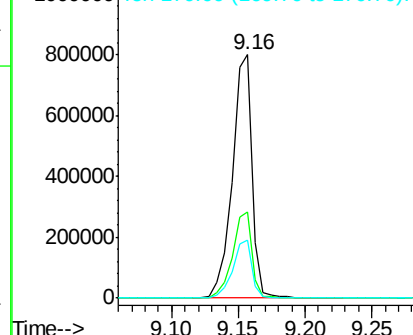


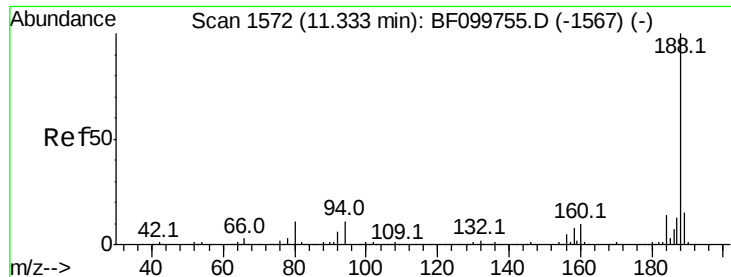
#44
 2-Fluorobiphenyl
 Concen: 70.189 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099890.D
 Acq: 27 Oct 2017 22:18

Tgt Ion:172 Resp: 838865
 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

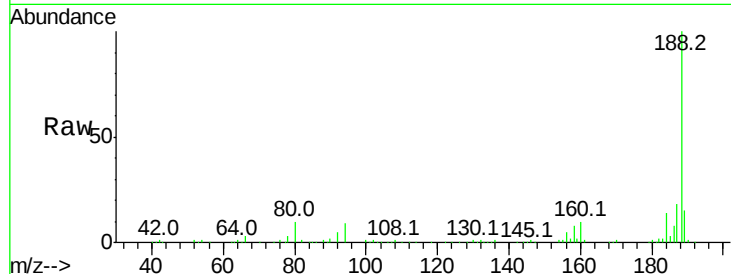




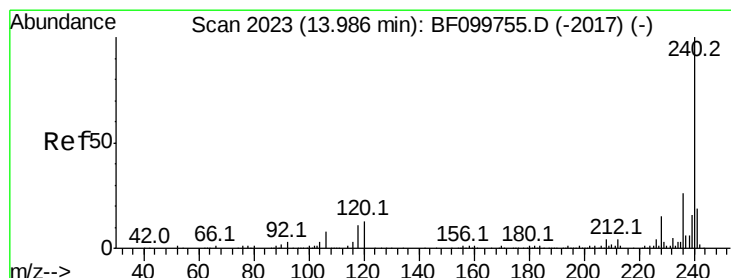
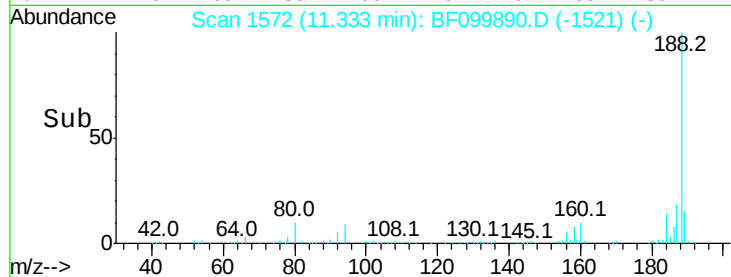
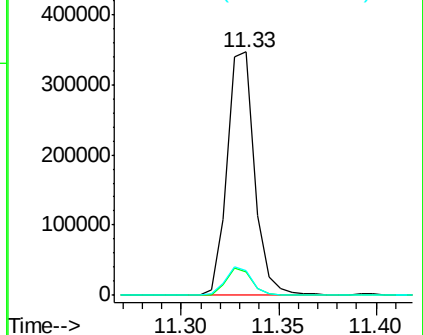
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Instrument :
BNA_F
ClientSampleId :
PB103670BL

Tot Ion:188 Resp: 340328
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.0 9.2 13.8

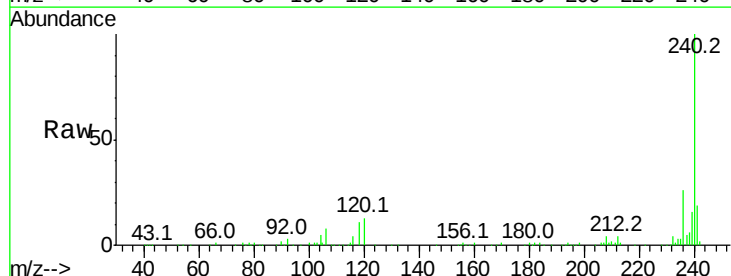


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

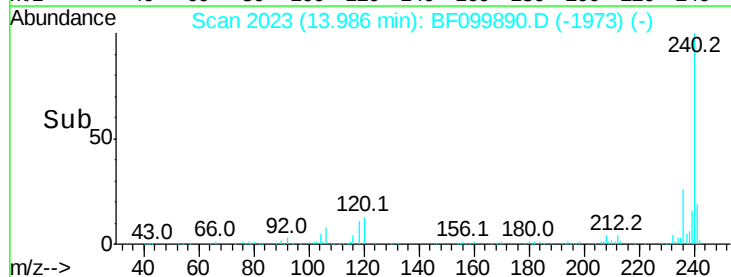
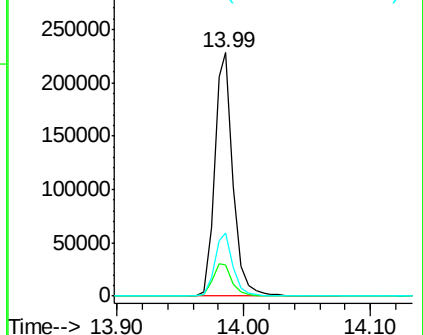


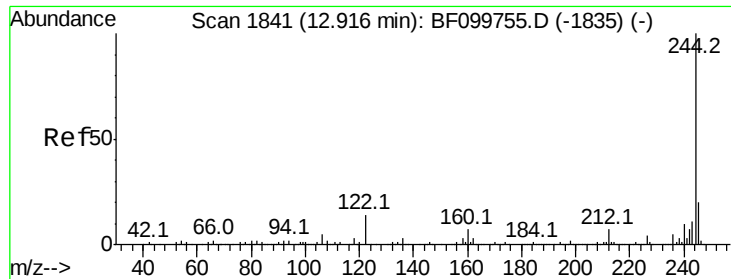
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099890.D
Acq: 27 Oct 2017 22:18

Tgt Ion:240 Resp: 232143
Ion Ratio Lower Upper
240 100
120 12.9 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

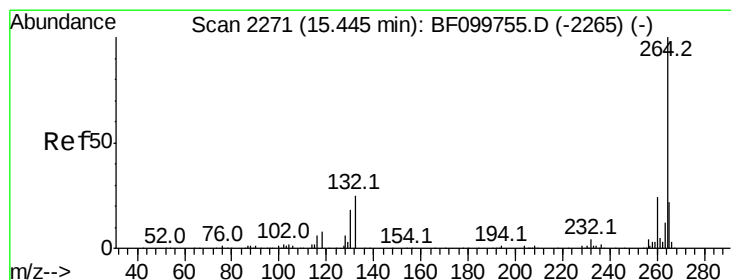
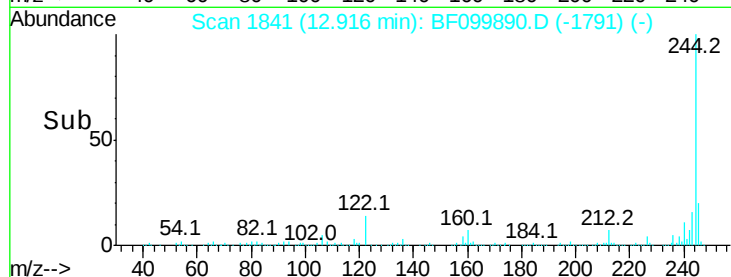
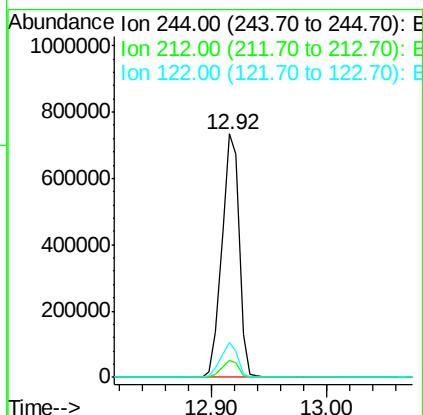
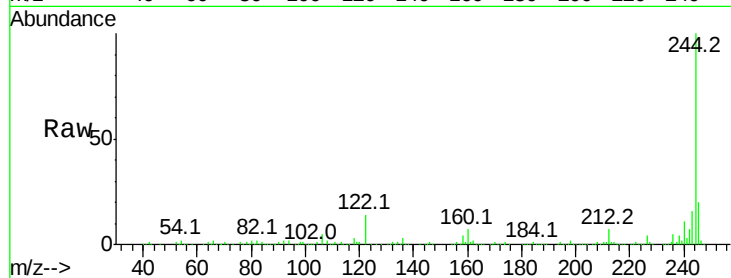




#78
 Terphenyl-d14
 Concen: 71.442 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099890.D
 Acq: 27 Oct 2017 22:18

Instrument :
 BNA_F
 ClientSampleID :
 PB103670BL

Tot Ion:244 Resp: 758899
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF099890.D
 Acq: 27 Oct 2017 22:18

Tgt Ion:264 Resp: 171548
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.8 17.5 26.3

