

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099852.D
 Acq On : 26 Oct 2017 10:17
 Operator : SJ/JU
 Sample : I6023-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Oct 26 11:28:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

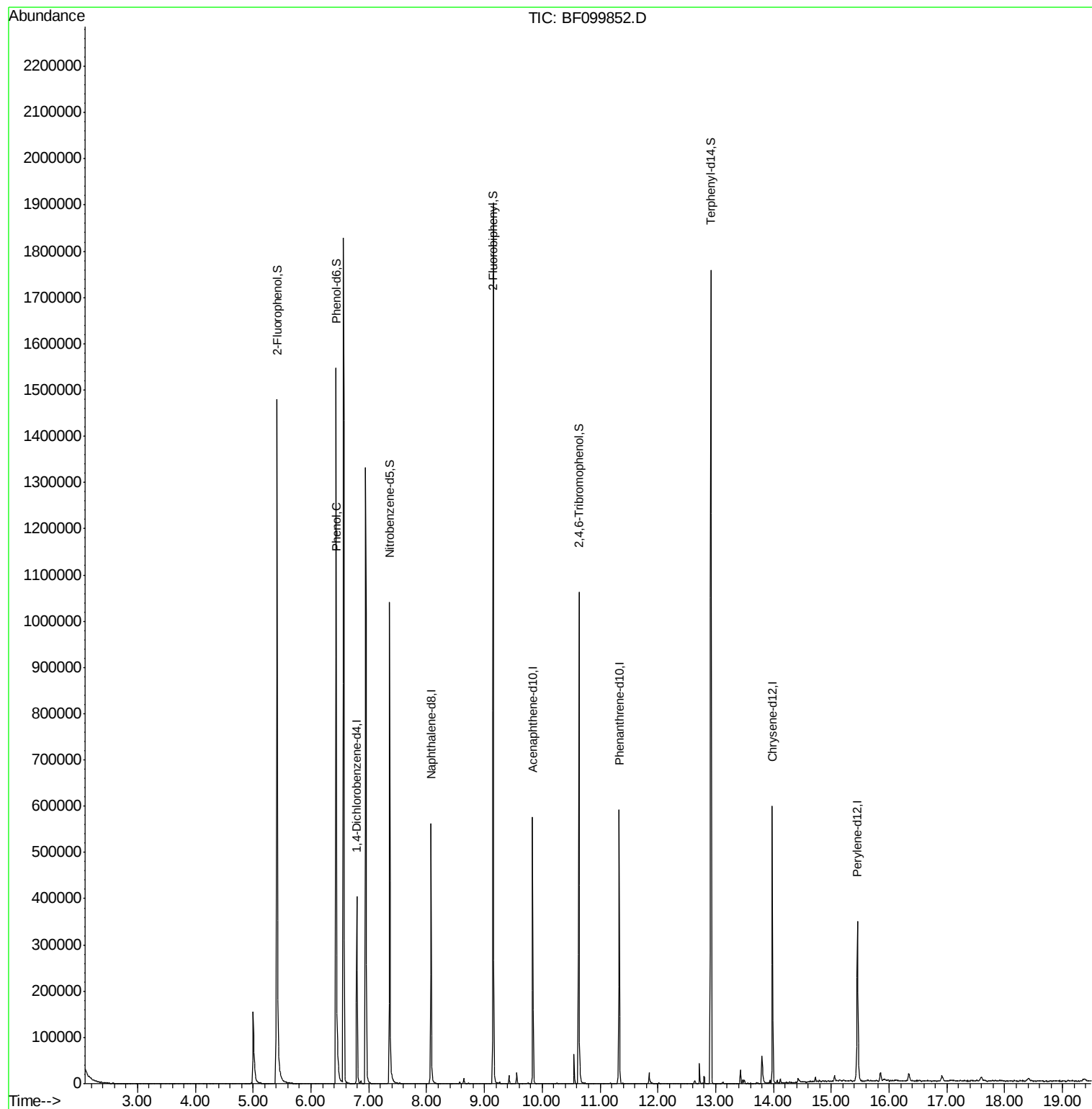
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	64856	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	264331	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	120562	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	220064	20.00	ng	0.00
75) Chrysene-d12	13.98	240	194953	20.00	ng	0.00
86) Perylene-d12	15.45	264	170192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	523977	126.84	ng	0.00
7) Phenol-d6	6.43	99	619443	126.46	ng	0.00
23) Nitrobenzene-d5	7.36	82	341988	83.29	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	134269	122.21	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	612156	78.34	ng	0.00
78) Terphenyl-d14	12.92	244	565477	63.39	ng	0.00
Target Compounds						
10) Phenol	6.45	94	20204	3.757	ng	Qvalue 87

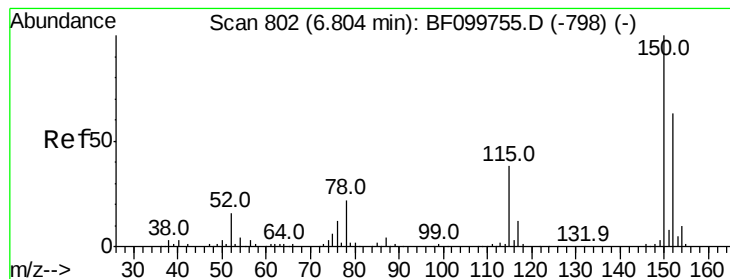
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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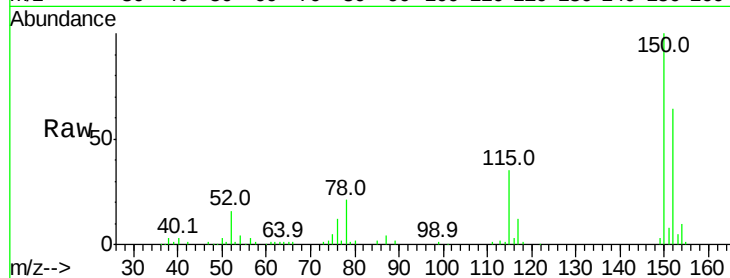


#1

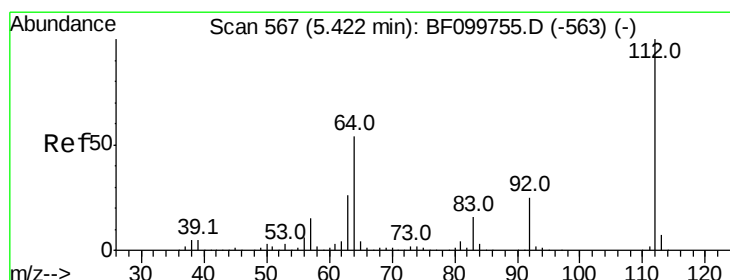
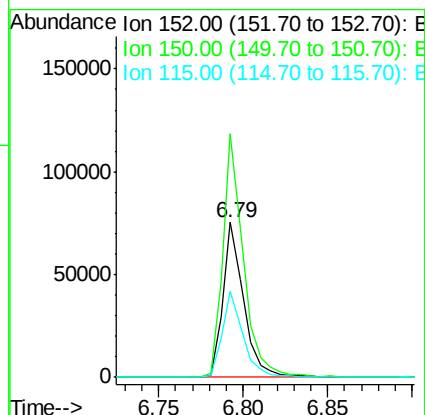
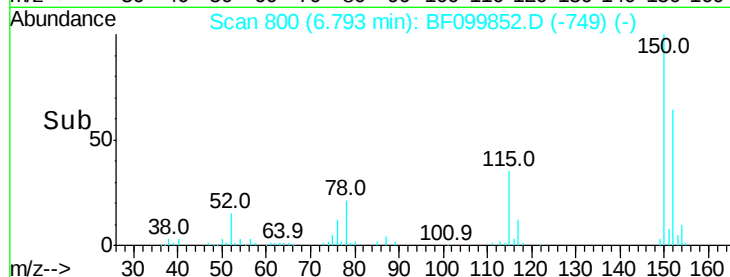
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099852.D
Acq: 26 Oct 2017 10:17

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:152 Resp: 64856
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 55.7 50.1 75.1



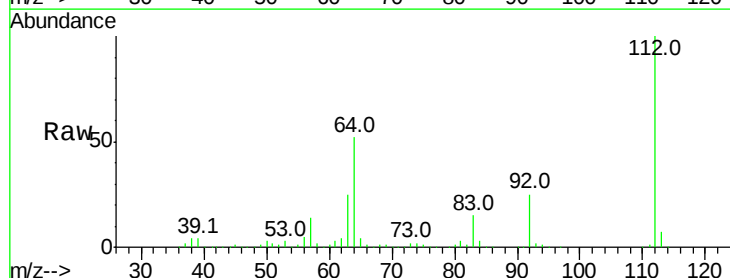
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



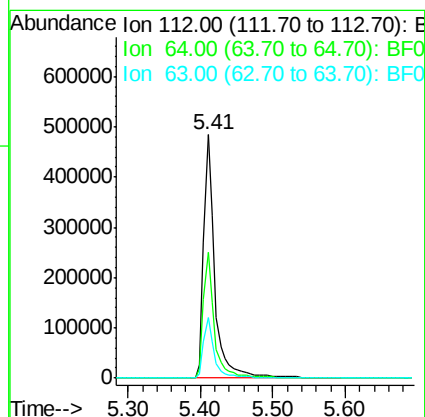
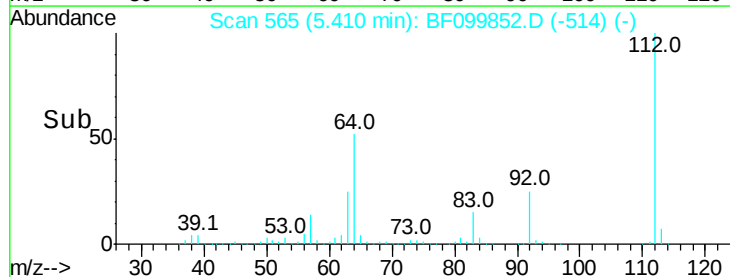
#5

2-Fluorophenol
Concen: 126.839 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099852.D
Acq: 26 Oct 2017 10:17

Tgt Ion:112 Resp: 523977
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 24.8 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: 126.462 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099852.D

Acq: 26 Oct 2017 10:17

Instrument :

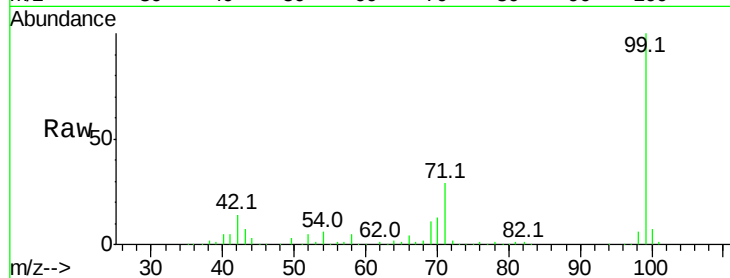
BNA_F

ClientSampleId :

SB-01-COMP

Tot Ion: 99 Resp: 619443

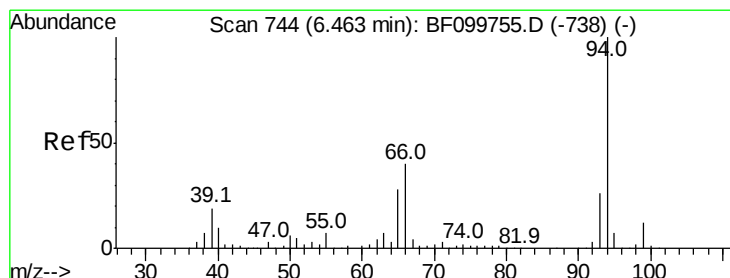
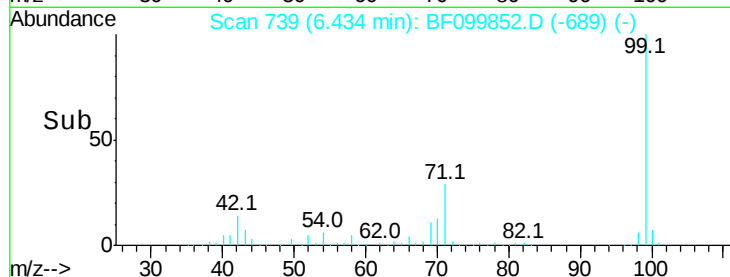
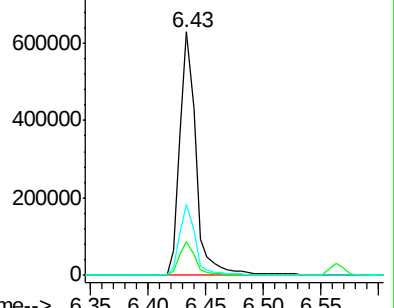
Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.0	25.4	38.0



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: 3.757 ng

RT: 6.45 min Scan# 741

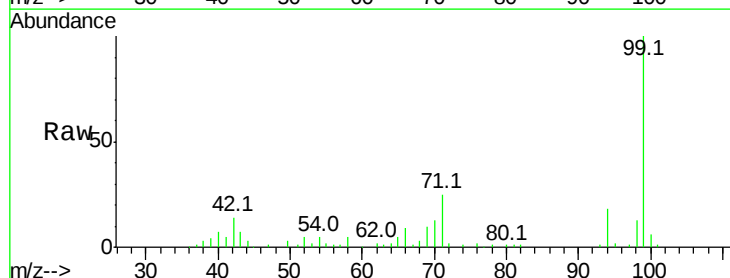
Delta R.T. -0.01 min

Lab File: BF099852.D

Acq: 26 Oct 2017 10:17

Tgt Ion: 94 Resp: 20204

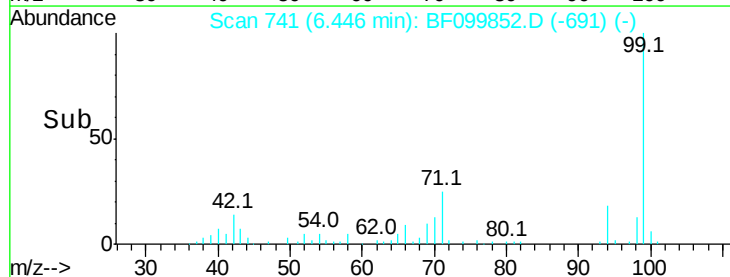
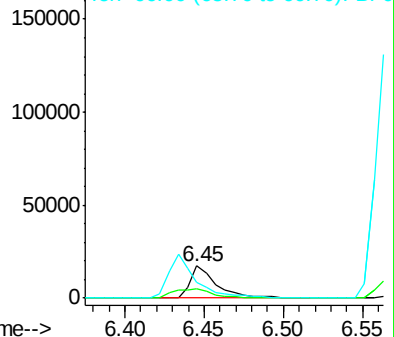
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	49.0	16.2	56.2



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

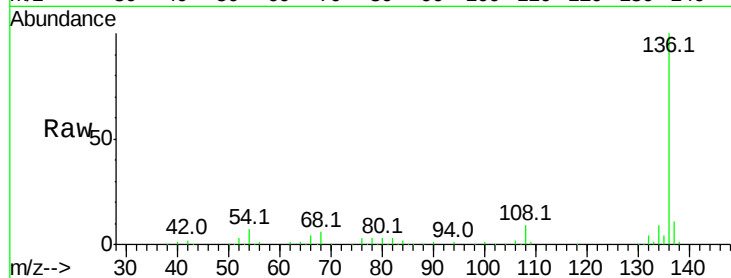




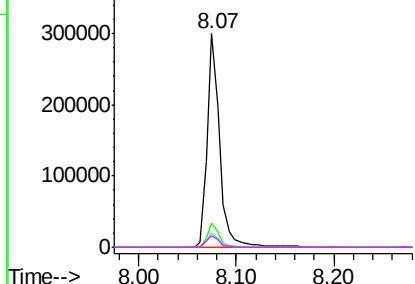
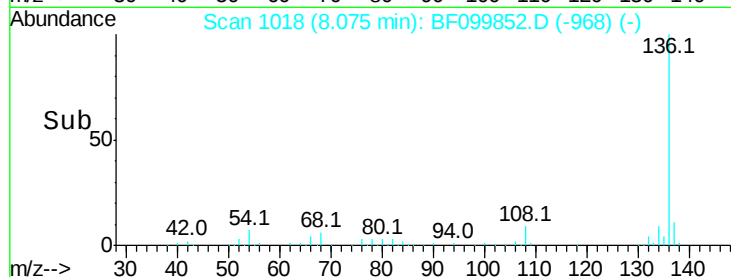
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099852.D
Acq: 26 Oct 2017 10:17

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:	136	Resp:	264331
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	6.6	9.8
68	5.7	5.0	7.4

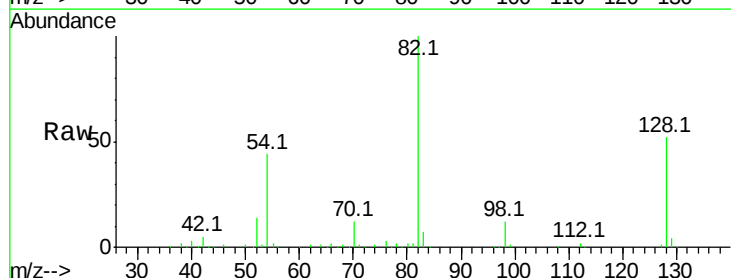


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

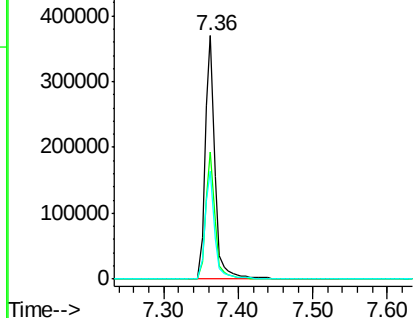
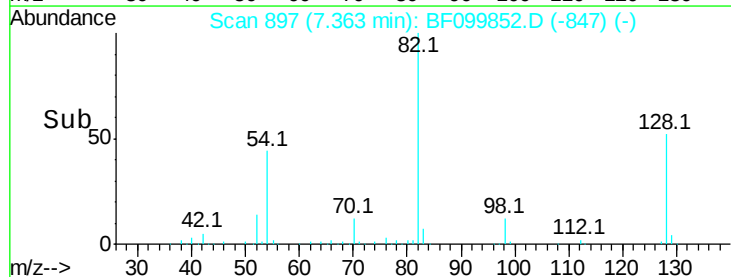


#23
Nitrobenzene-d5
Concen: 83.295 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099852.D
Acq: 26 Oct 2017 10:17

Tgt Ion:	82	Resp:	341988
Ion	Ratio	Lower	Upper
82	100		
128	52.0	36.1	54.1
54	44.4	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

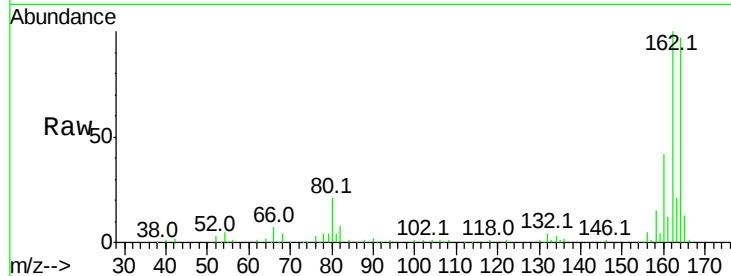




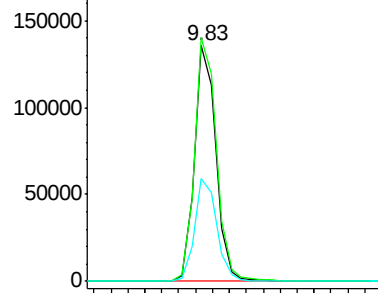
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099852.D
Acq: 26 Oct 2017 10:17

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

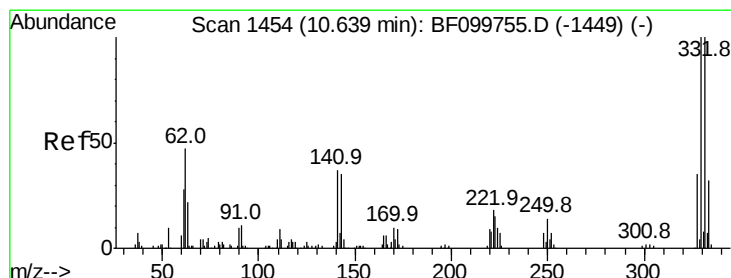
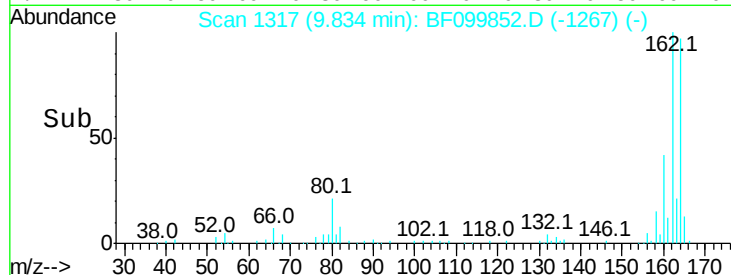
Tot Ion:164 Resp: 120562
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 43.4 38.3 57.5



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

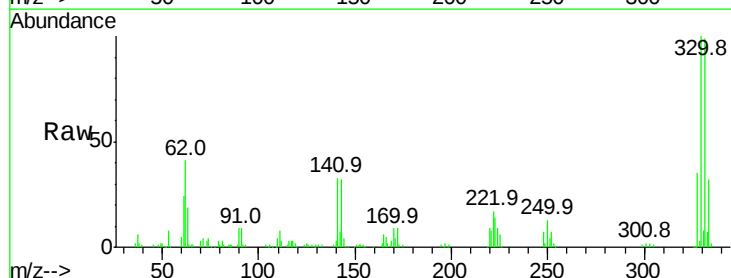


Time-->

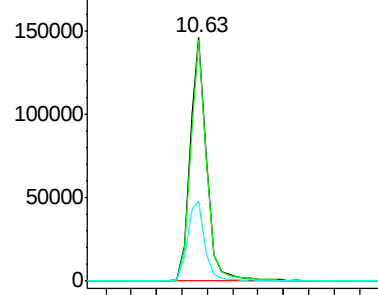


#41
2,4,6-Tribromophenol
Concen: 122.207 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF099852.D
Acq: 26 Oct 2017 10:17

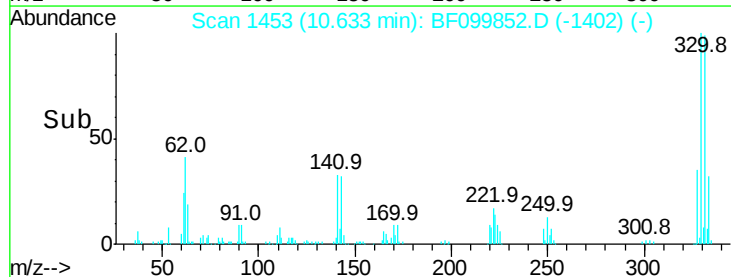
Tgt Ion:330 Resp: 134269
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 35.2 29.9 44.9

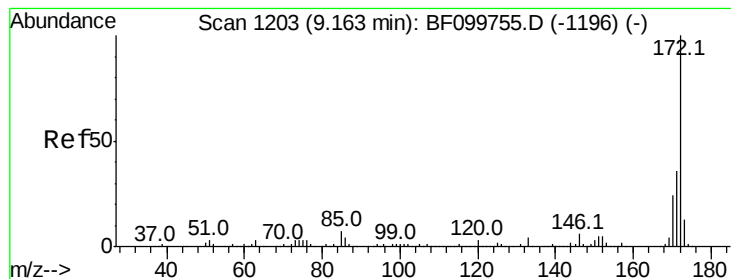


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#44

2-Fluorobiphenyl

Concen: 78.338 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF099852.D

Acq: 26 Oct 2017 10:17

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

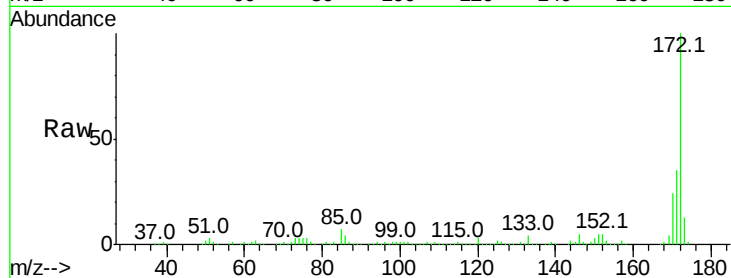
Tot Ion:172 Resp: 612156

Ion Ratio Lower Upper

172 100

171 35.4 29.7 44.5

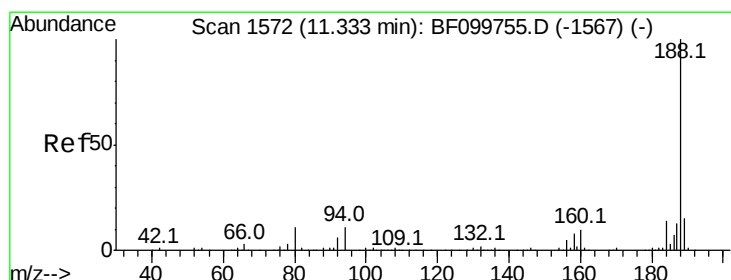
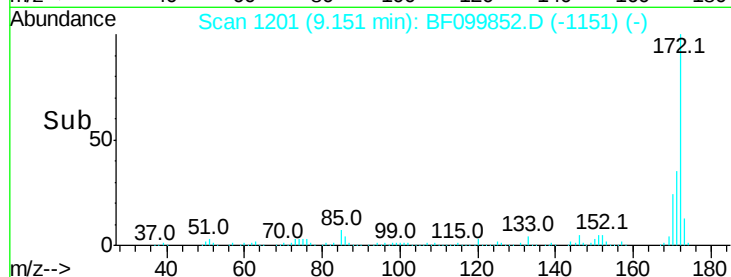
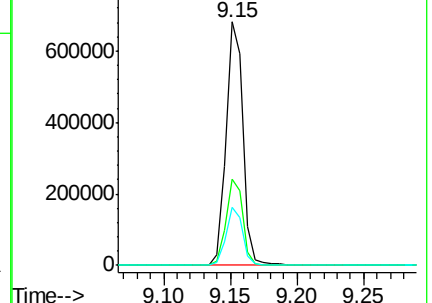
170 23.8 19.6 29.4



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# 1571

Delta R.T. 0.00 min

Lab File: BF099852.D

Acq: 26 Oct 2017 10:17

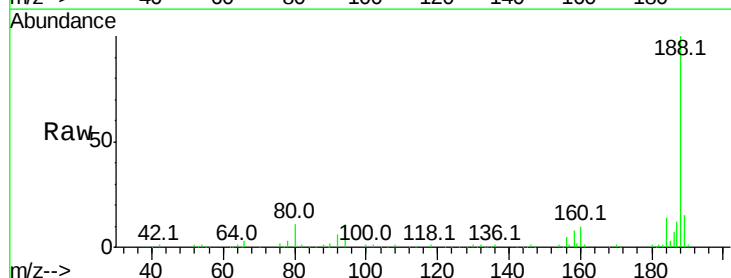
Tgt Ion:188 Resp: 220064

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

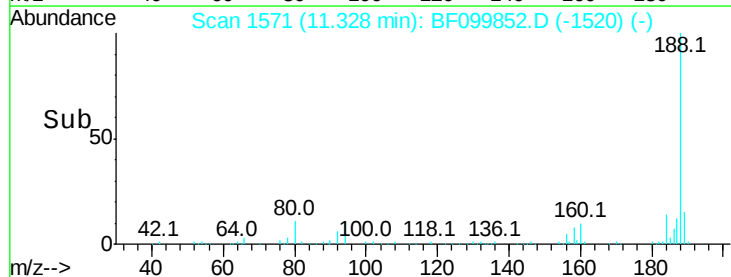
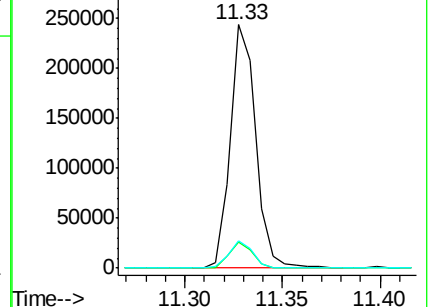
80 11.3 9.2 13.8

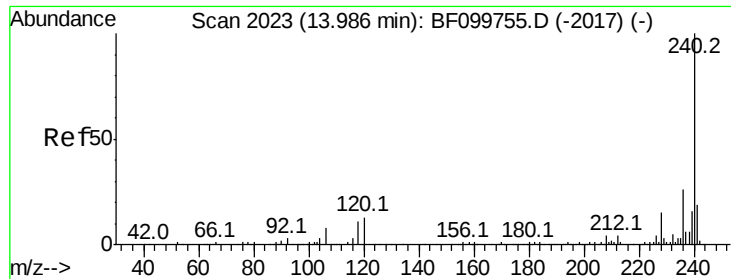


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

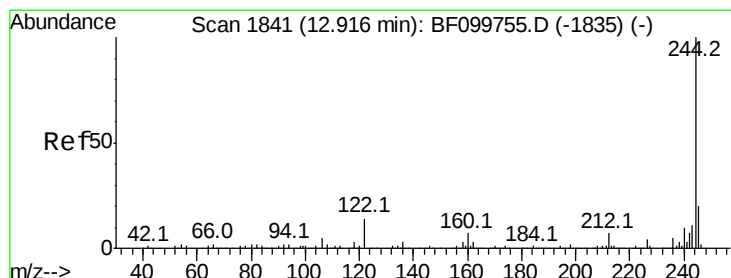
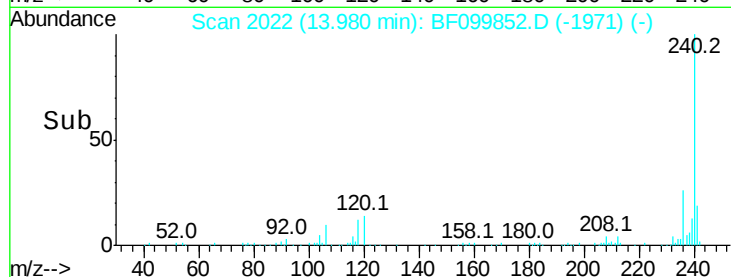
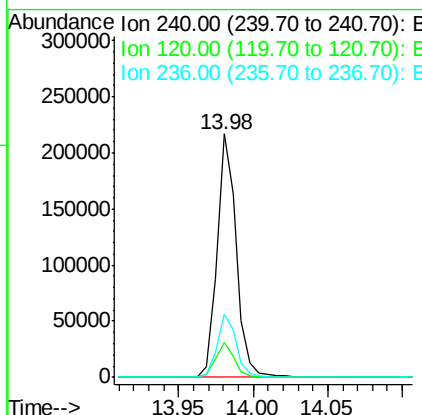
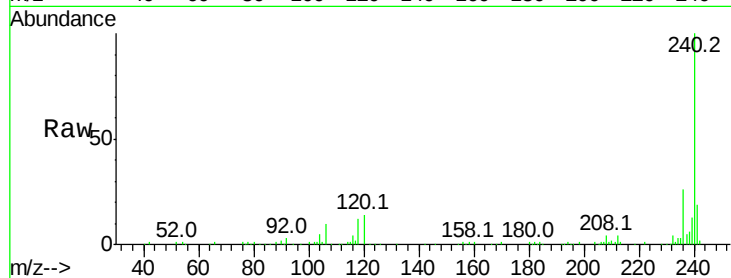




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF099852.D
 Acq: 26 Oct 2017 10:17

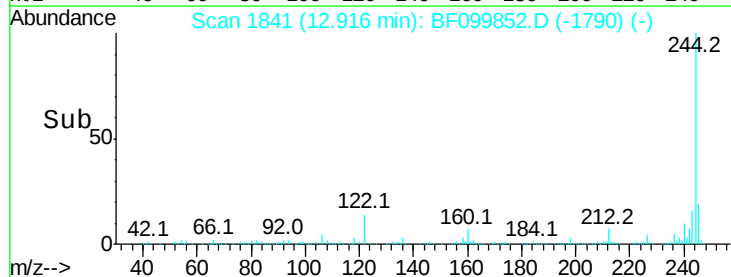
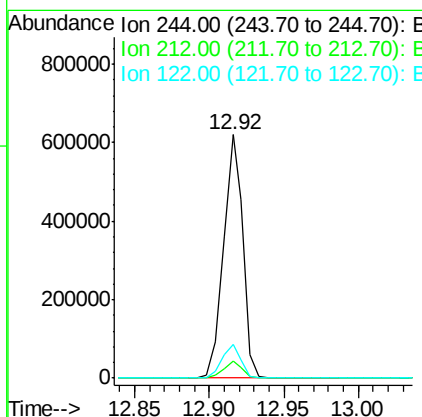
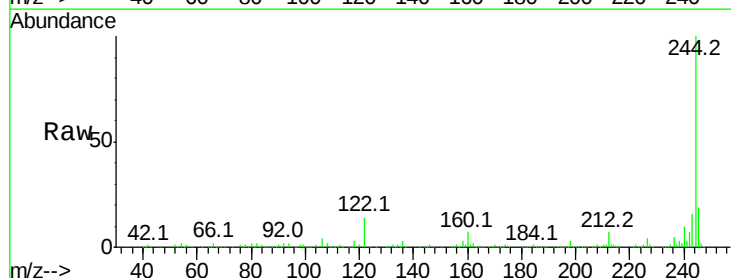
Instrument :
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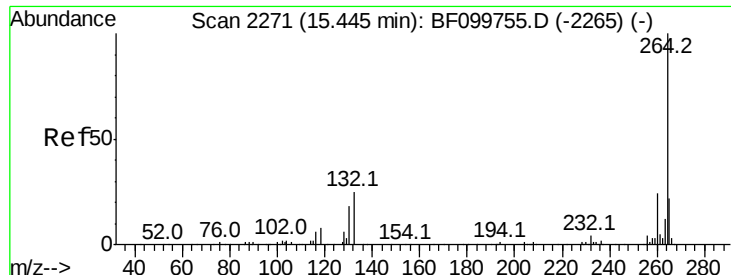
Tot Ion:240 Resp: 194953
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 25.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 63.388 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099852.D
 Acq: 26 Oct 2017 10:17

Tgt Ion:244 Resp: 565477
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.8 11.0 16.4

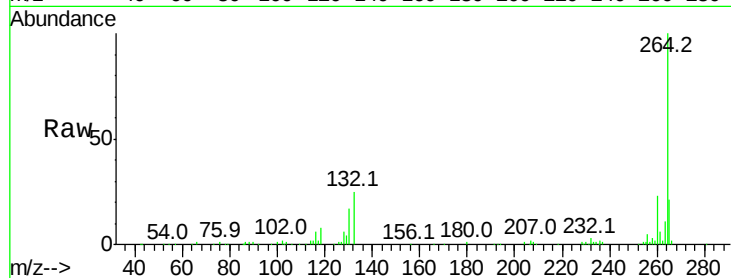




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099852.D
 Acq: 26 Oct 2017 10:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	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

