

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100164.D
 Acq On : 4 Nov 2017 5:47
 Operator : SJ/JU
 Sample : I6261-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOMESTEAD-AISLE-SWITCHGEAR

Quant Time: Nov 04 06:56:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	93537	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	381473	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	165867	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	253211	20.00	ng	0.00
75) Chrysene-d12	13.95	240	143810	20.00	ng	0.00
86) Perylene-d12	15.42	264	147194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	15696	2.63	ng	0.08
7) Phenol-d6	6.42	99	189210	26.78	ng	0.00
23) Nitrobenzene-d5	7.35	82	376251	63.50	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	173	0.11	ng	0.03
44) 2-Fluorobiphenyl	9.13	172	783936	72.92	ng	0.00
78) Terphenyl-d14	12.88	244	469594	71.36	ng	0.00

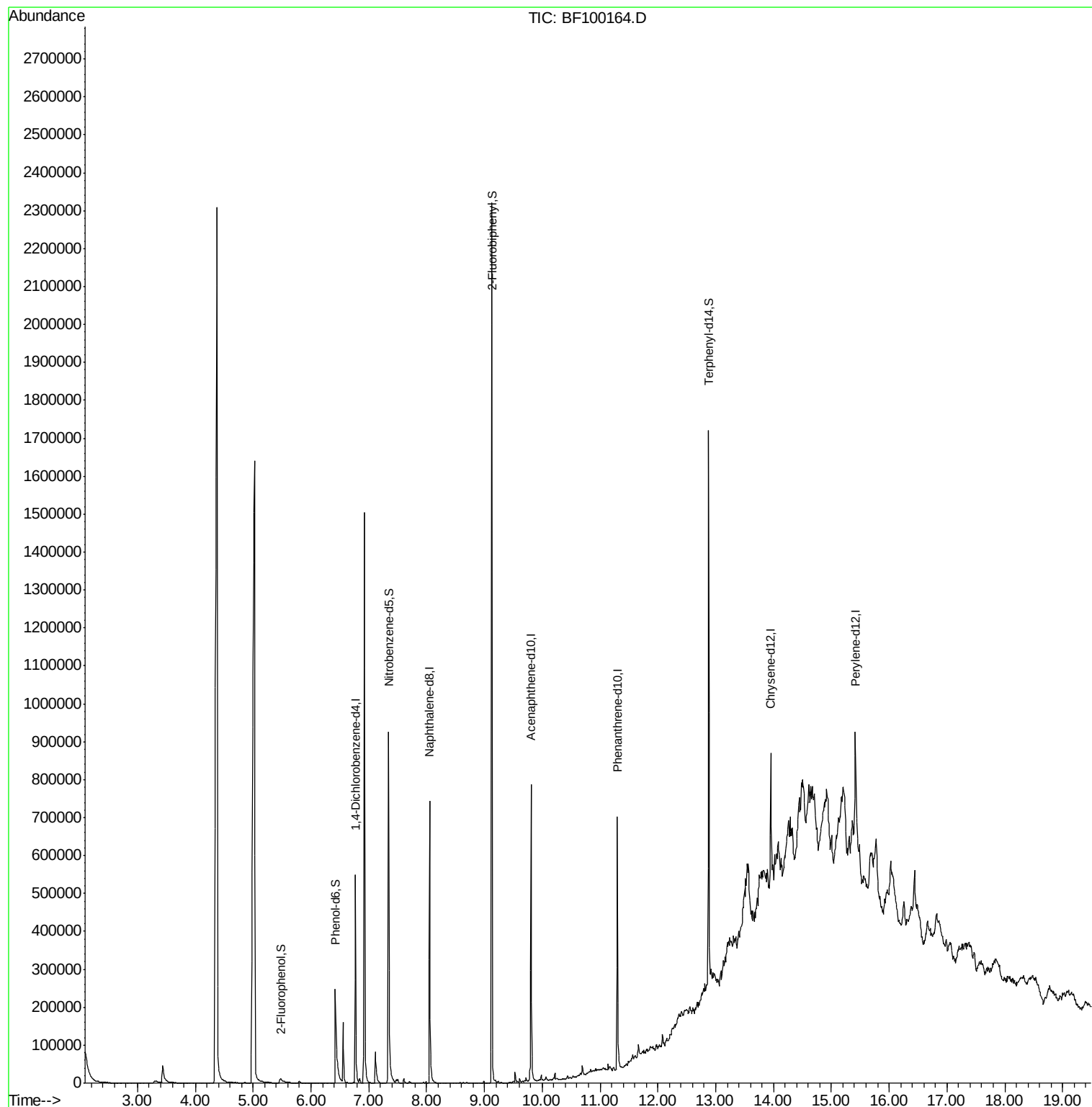
Target Compounds	Qvalue
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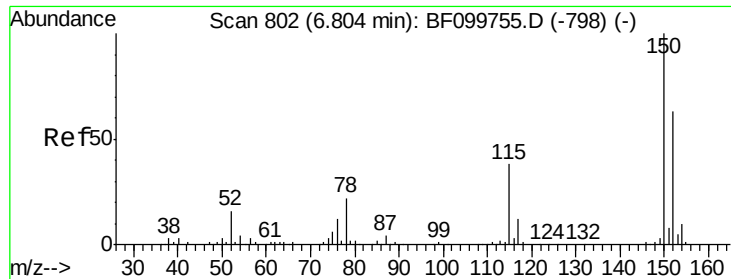
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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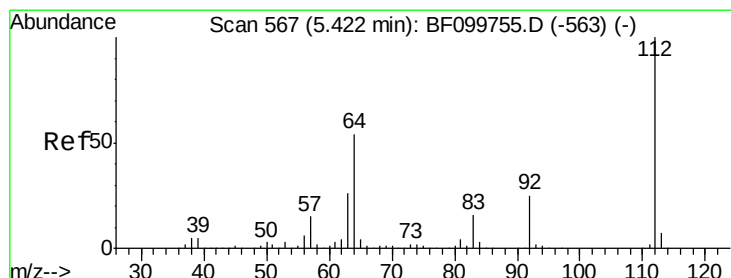
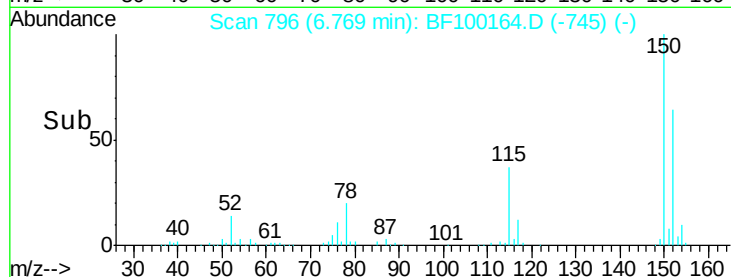
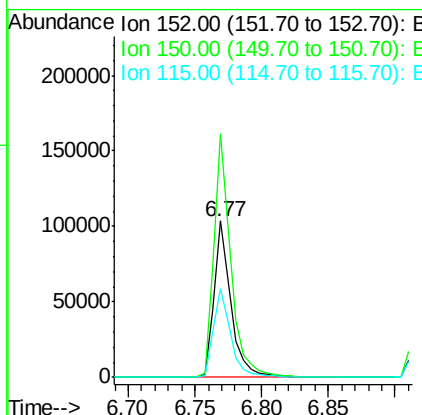
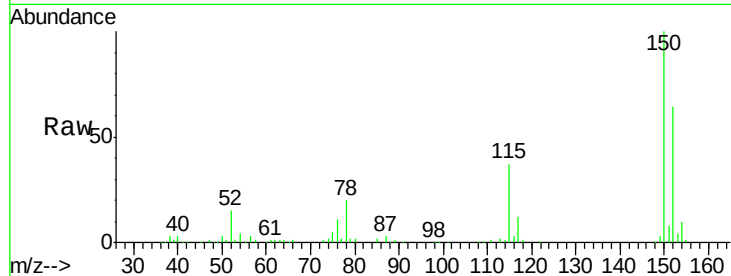




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF100164.D
 Acq: 4 Nov 2017 5:47

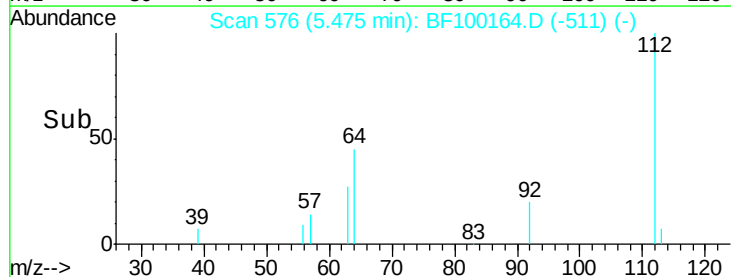
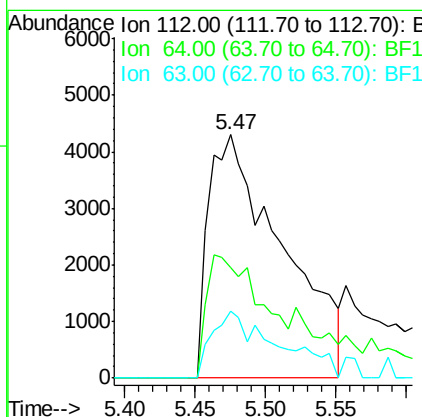
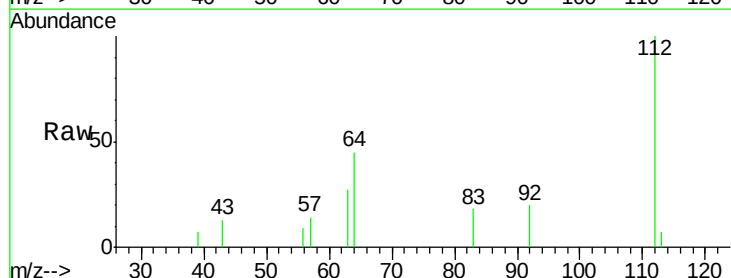
Instrument :
 BNA_F
 ClientSampleId :
 HOMESTEAD-AISLE-SWITCHGEAR

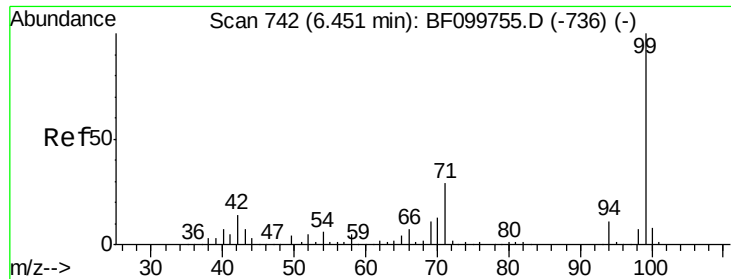
Tgt Ion:152 Resp: 93537
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 57.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 2.634 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.08 min
 Lab File: BF100164.D
 Acq: 4 Nov 2017 5:47

Tgt Ion:112 Resp: 15696
 Ion Ratio Lower Upper
 112 100
 64 45.3 47.9 71.9#
 63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 26.784 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

Instrument :

BNA_F

ClientSampleId :

HOMESTEAD-AISLE-SWITCHGEAR

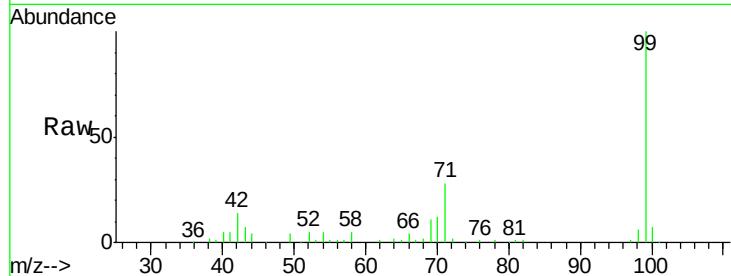
Tgt Ion: 99 Resp: 189210

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

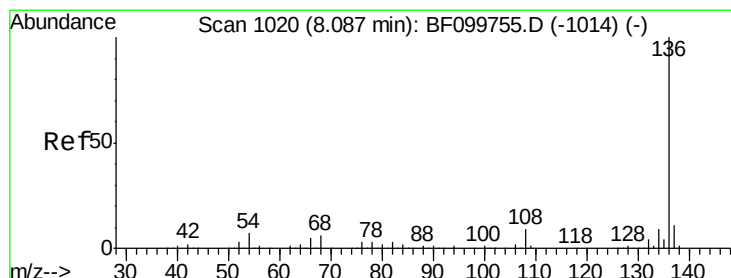
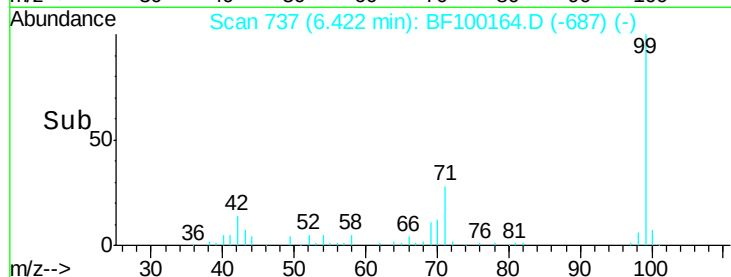
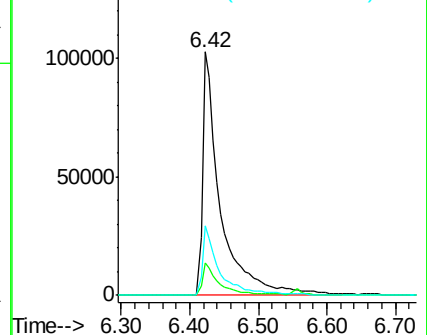
71 28.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

Tgt Ion: 136 Resp: 381473

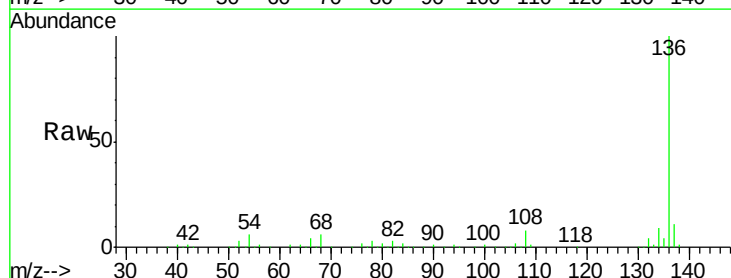
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 5.0 7.4

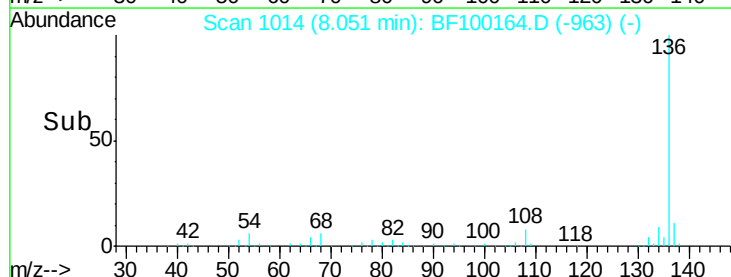
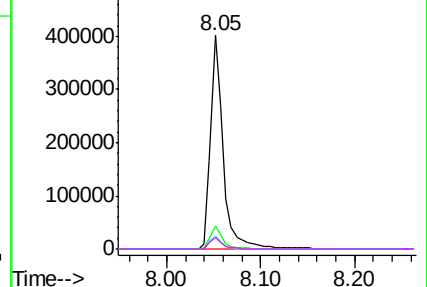


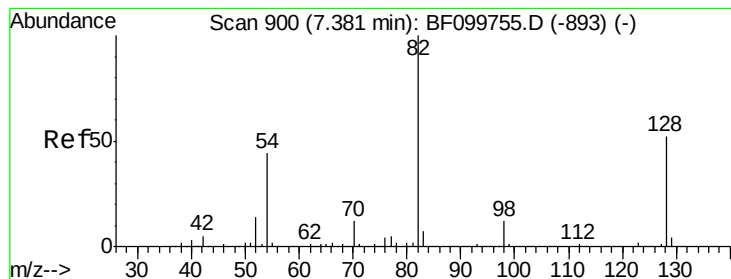
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 63.499 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

Instrument :

BNA_F

ClientSampleId :

HOMESTEAD-AISLE-SWITCHGEAR

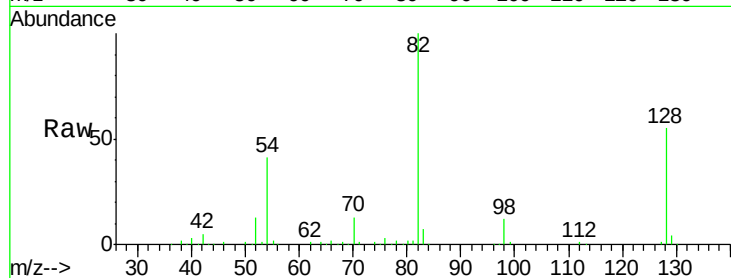
Tgt Ion: 82 Resp: 376251

Ion Ratio Lower Upper

82 100

128 54.6 36.1 54.1#

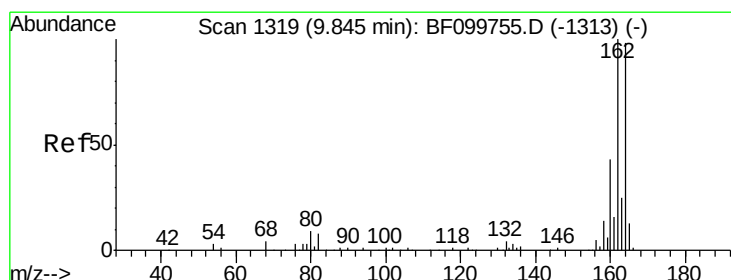
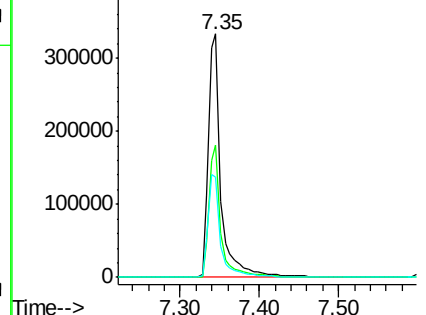
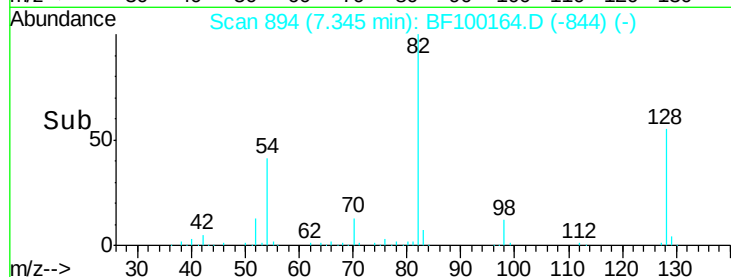
54 41.4 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

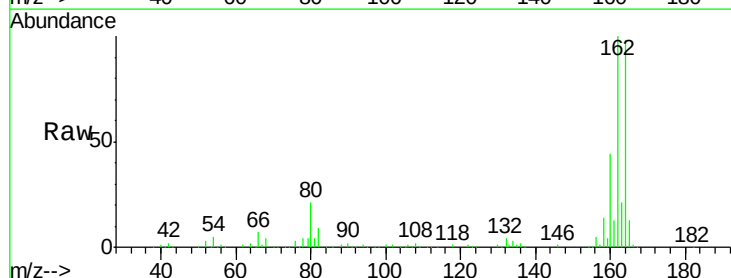
Tgt Ion: 164 Resp: 165867

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

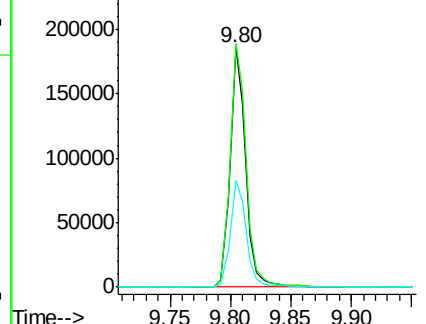
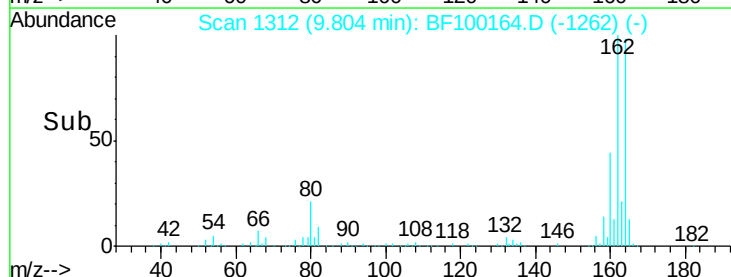
160 44.3 38.3 57.5

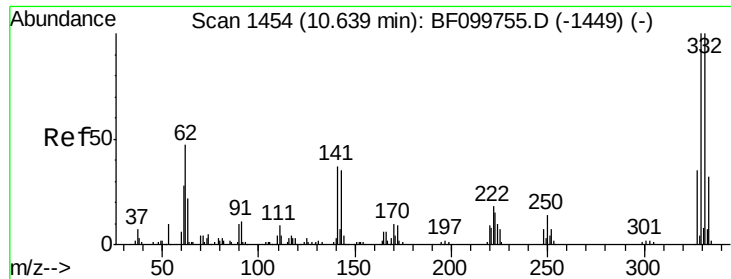


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

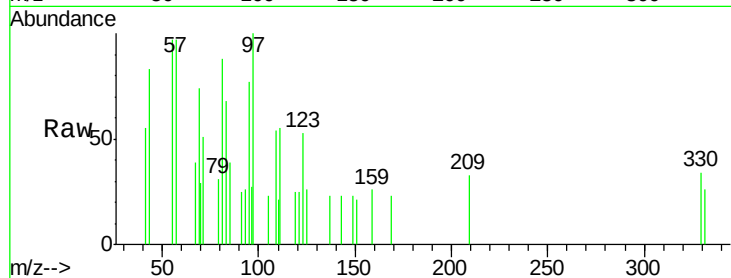




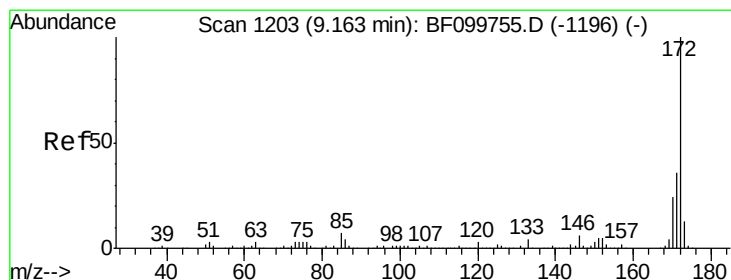
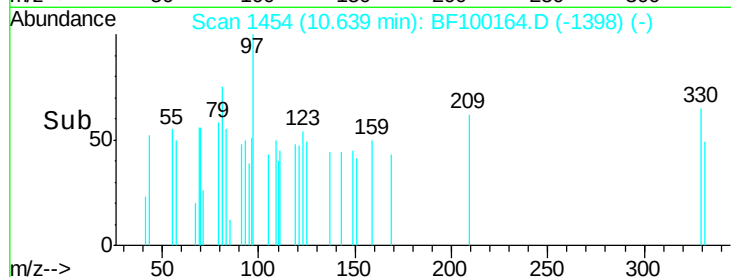
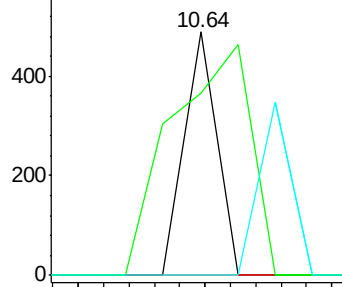
#41
 2,4,6-Tribromophenol
 Concen: 0.114 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.03 min
 Lab File: BF100164.D
 Acq: 4 Nov 2017 5:47

Instrument :
 BNA_F
 ClientSampleId :
 HOMESTEAD-AISLE-SWITCHGEAR

Tgt Ion:330 Resp: 173
 Ion Ratio Lower Upper
 330 100
 332 231.8 77.0 115.6#
 141 70.5 29.9 44.9#

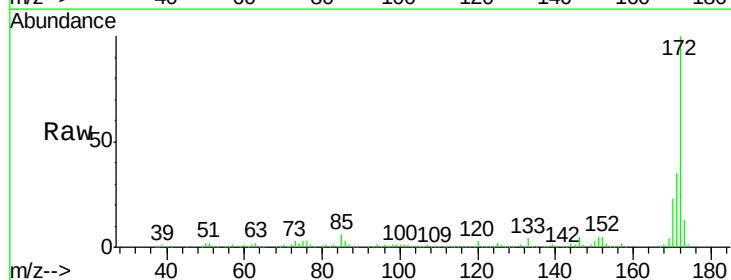


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

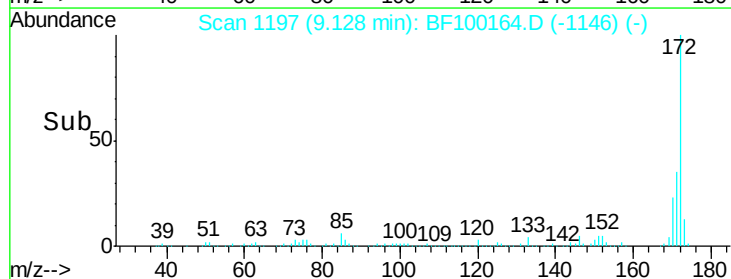
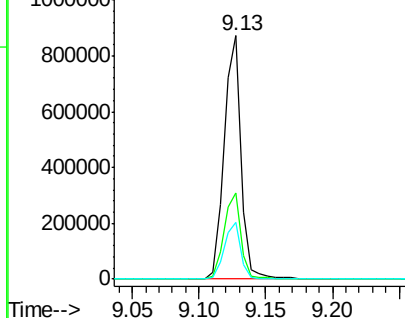


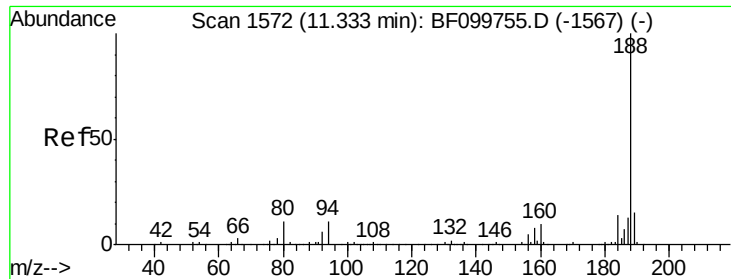
#44
 2-Fluorobiphenyl
 Concen: 72.919 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF100164.D
 Acq: 4 Nov 2017 5:47

Tgt Ion:172 Resp: 783936
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.5 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

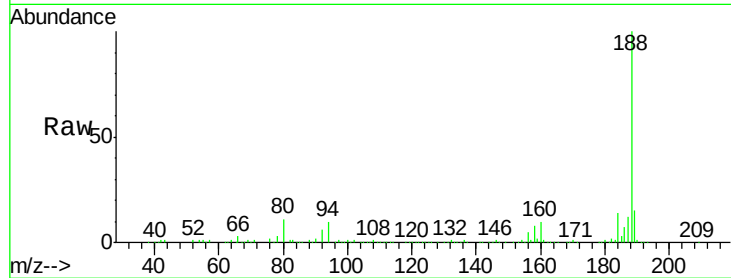




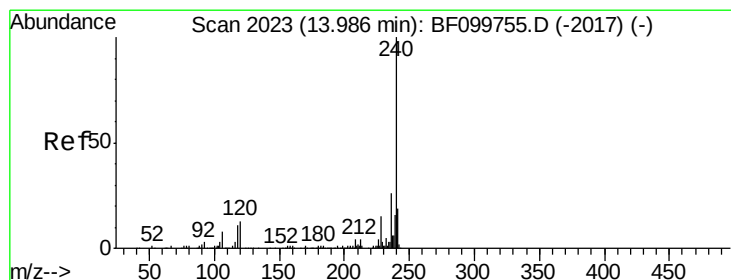
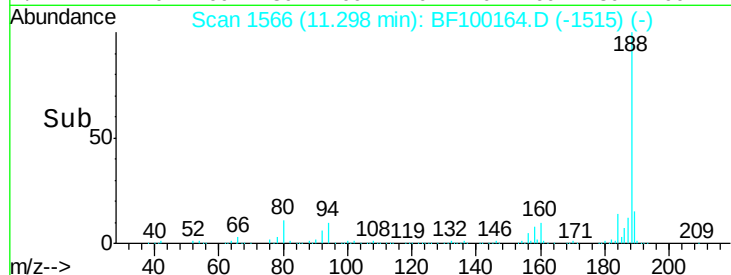
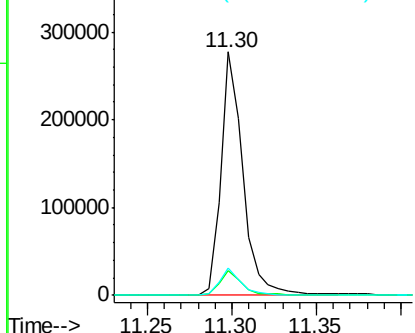
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100164.D
Acq: 4 Nov 2017 5:47

Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-AISLE-SWITCHGEAR

Tgt Ion:188 Resp: 253211
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.1 9.2 13.8

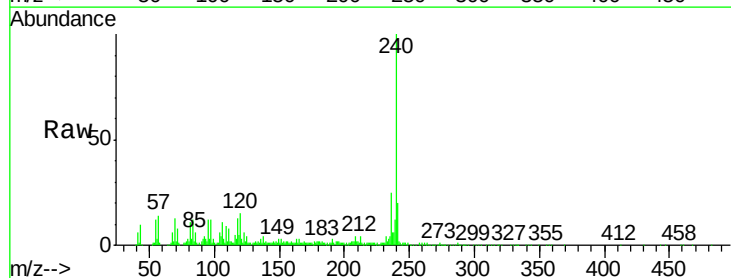


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

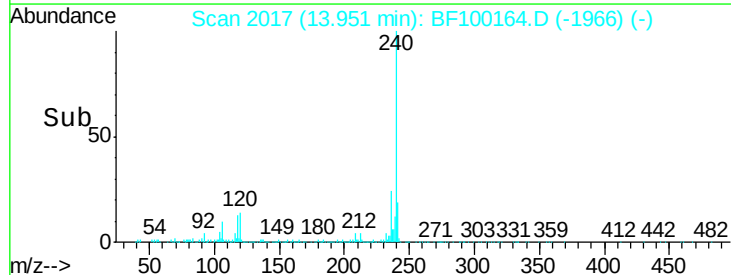
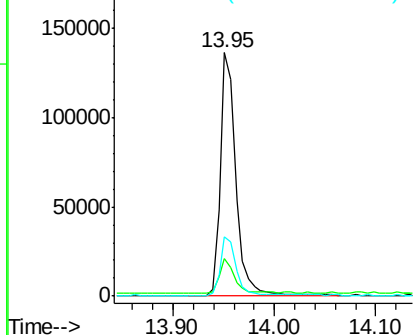


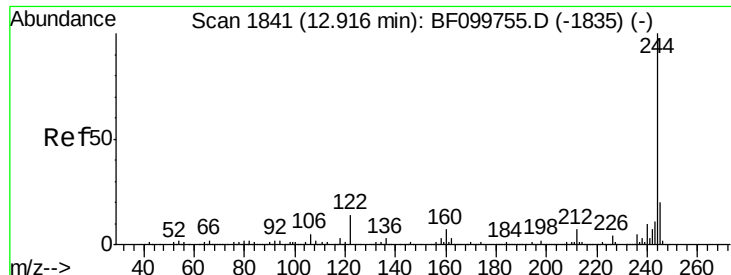
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100164.D
Acq: 4 Nov 2017 5:47

Tgt Ion:240 Resp: 143810
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 24.6 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: 71.361 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

Instrument :

BNA_F

ClientSampleId :

HOMESTEAD-AISLE-SWITCHGEAR

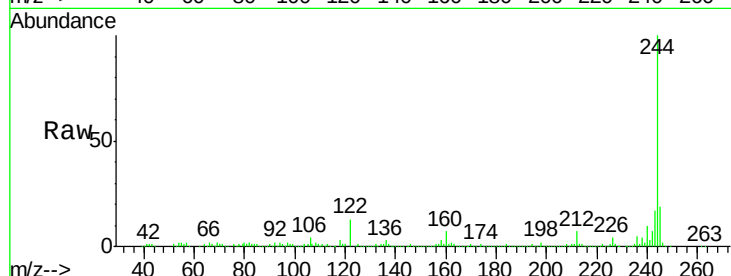
Tgt Ion:244 Resp: 469594

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

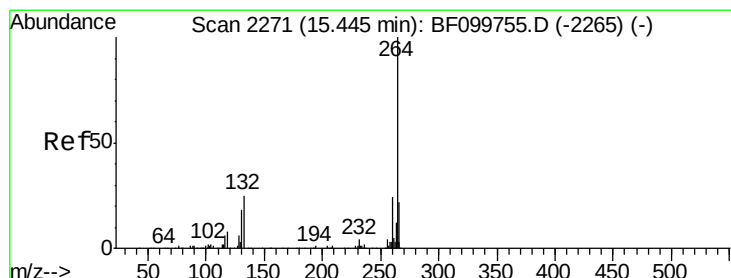
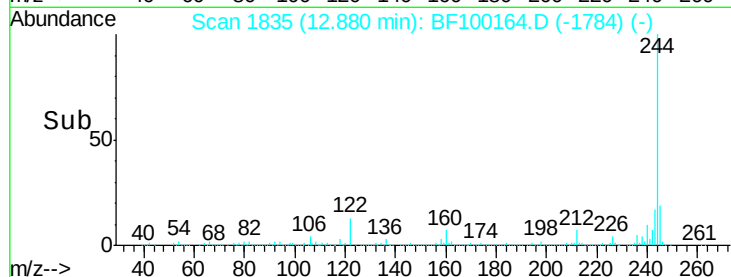
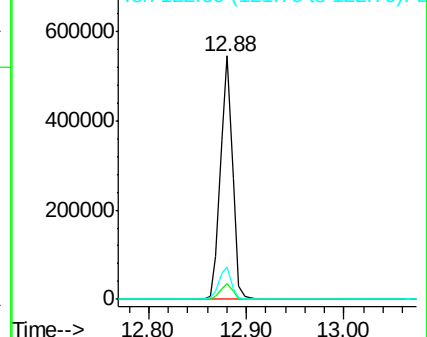
122 13.3 11.0 16.4



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: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

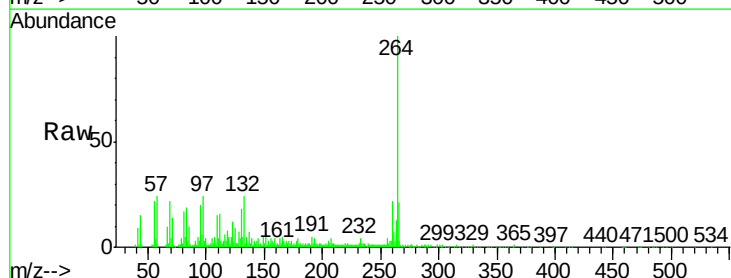
Tgt Ion:264 Resp: 147194

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 21.0 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

