

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092770.D
 Acq On : 3 Feb 2017 10:42
 Operator : SJ/MA
 Sample : I1647-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ULMERFB-2-013117

Quant Time: Feb 03 11:49:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	148458	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	614019	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	328228	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	399440	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	311126	20.00	ng	-0.05
86) Perylene-d12	15.56	264	300925	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	603801	69.78	ng	-0.03
7) Phenol-d6	6.57	99	517399	46.47	ng	-0.03
23) Nitrobenzene-d5	7.50	82	942670	85.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	273131	115.05	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1788359	98.71	ng	-0.02
78) Terphenyl-d14	13.05	244	1104013	83.38	ng	-0.03

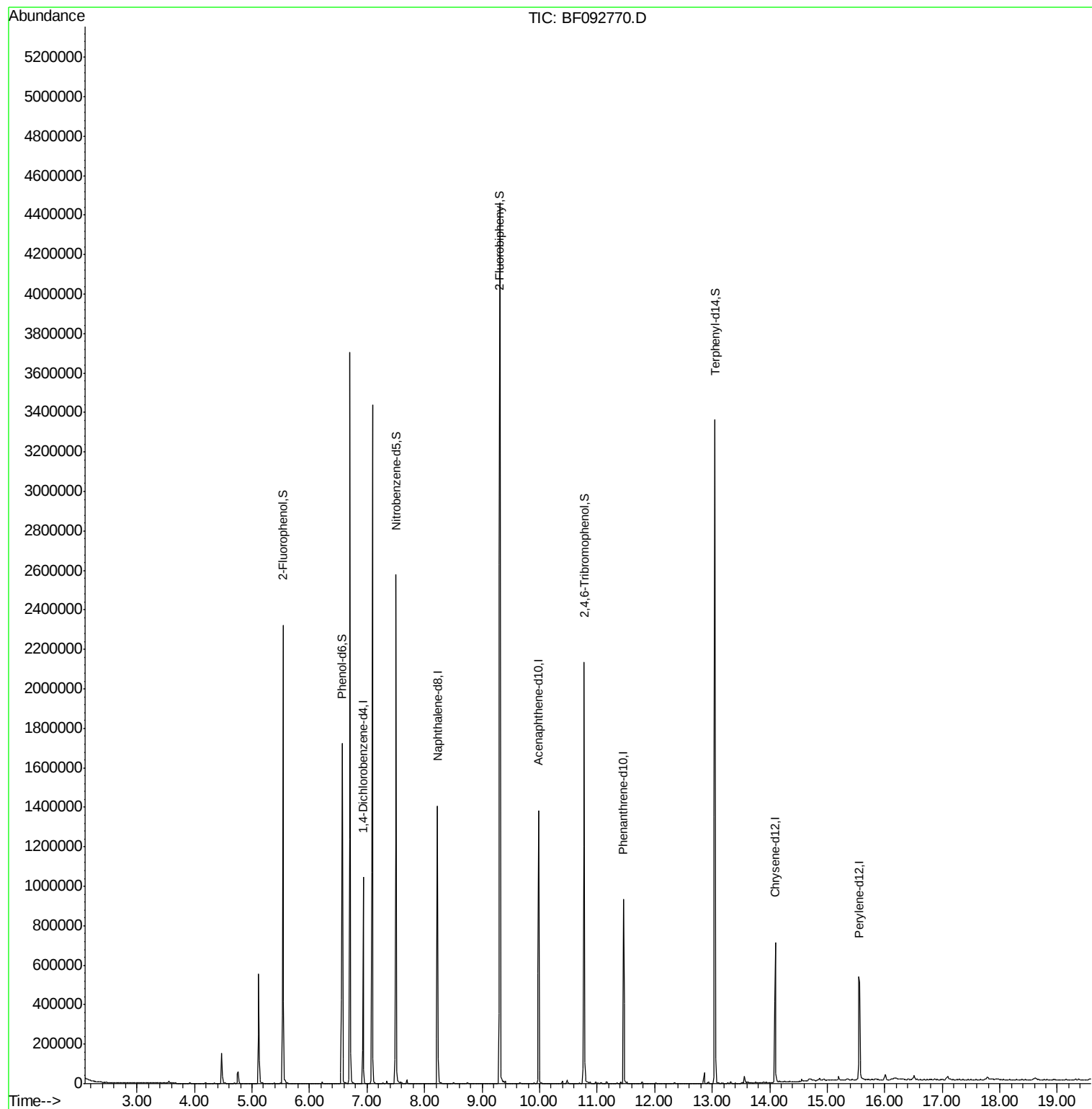
Target Compounds Qvalue

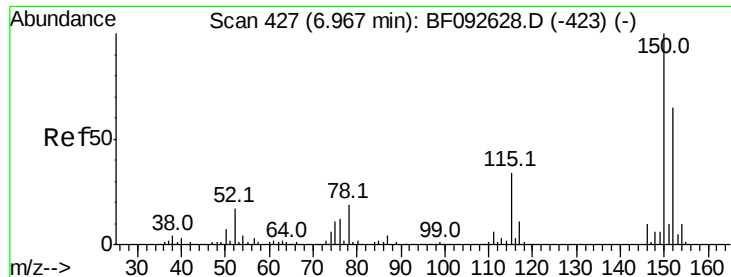
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092770.D

Acq: 3 Feb 2017 10:42

Instrument :

BNA_F

ClientSampleId :

ULMERFB-2-013117

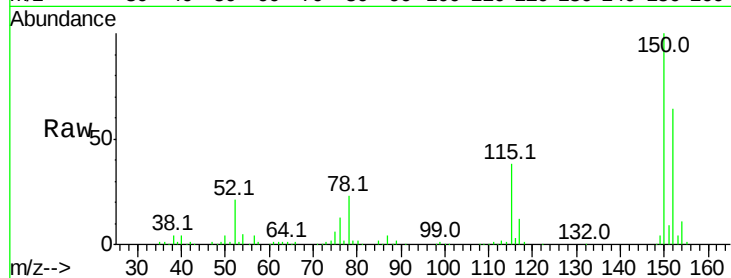
Tot Ion:152 Resp: 148458

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

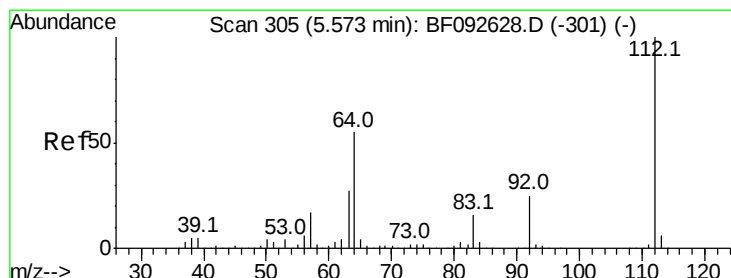
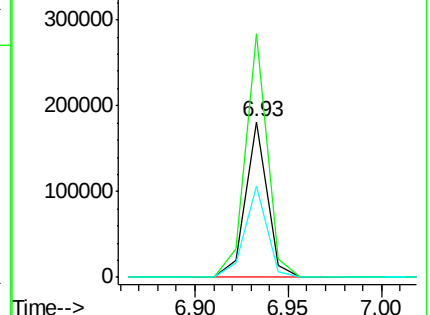
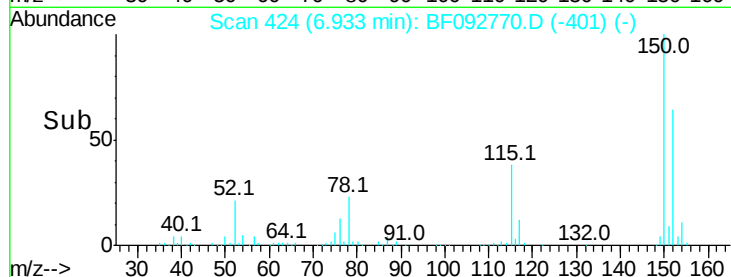
115 58.6 46.0 69.0



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: 69.78 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092770.D

Acq: 3 Feb 2017 10:42

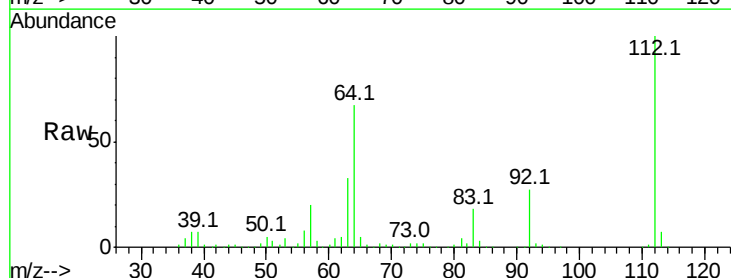
Tgt Ion:112 Resp: 603801

Ion Ratio Lower Upper

112 100

64 66.6 46.1 69.1

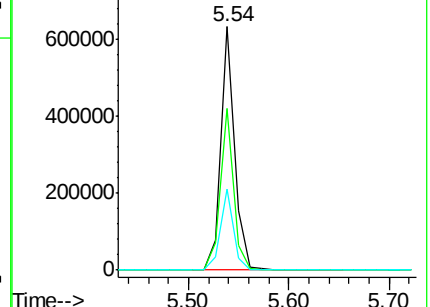
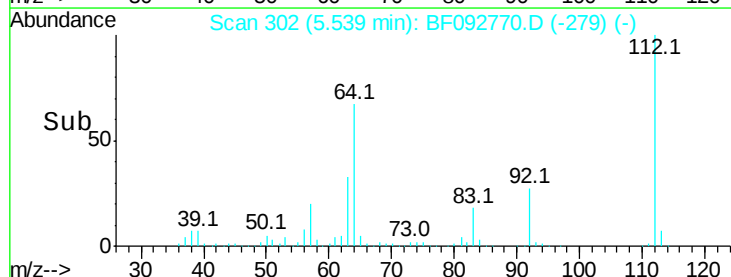
63 33.3 23.8 35.6

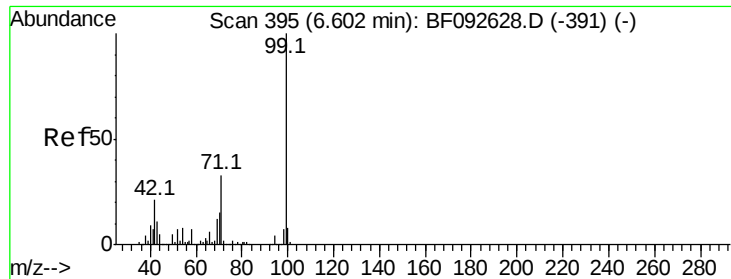


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.47 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092770.D

Acq: 3 Feb 2017 10:42

Instrument :

BNA_F

ClientSampleId :

ULMERFB-2-013117

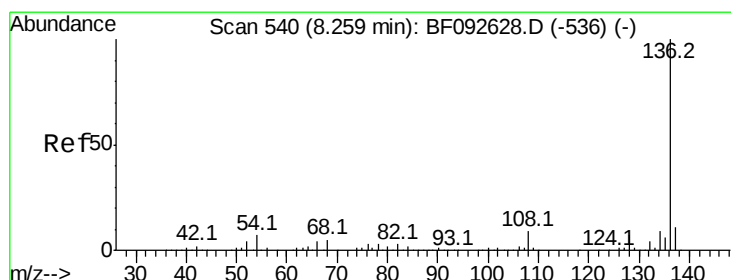
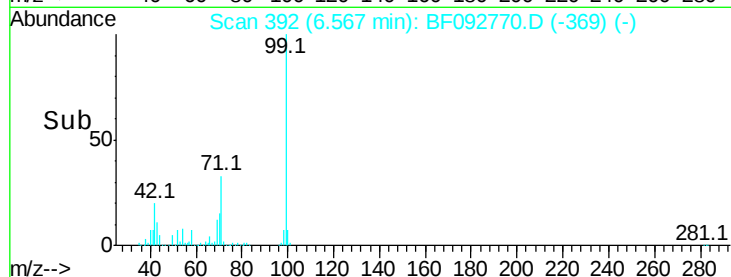
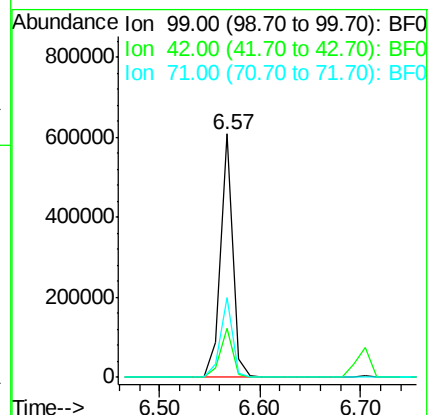
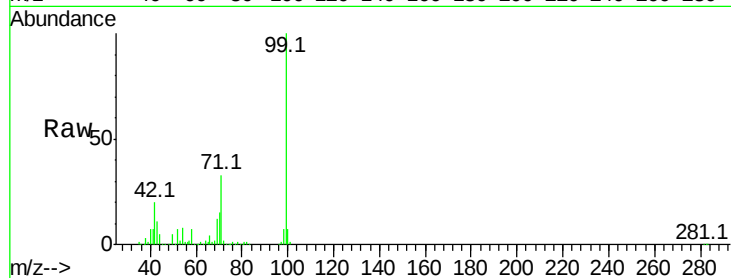
Tot Ion: 99 Resp: 517399

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 32.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092770.D

Acq: 3 Feb 2017 10:42

Tgt Ion: 136 Resp: 614019

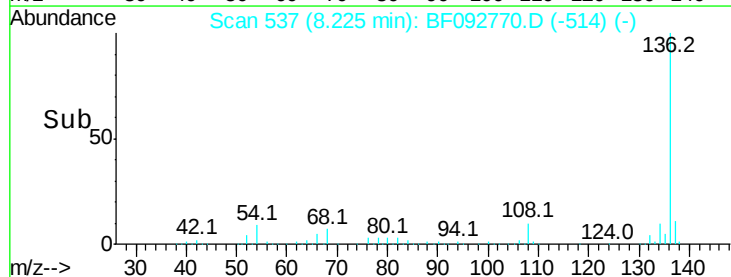
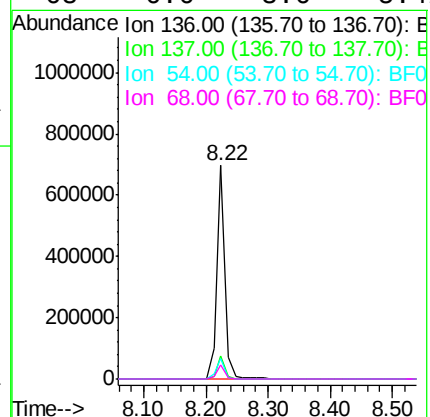
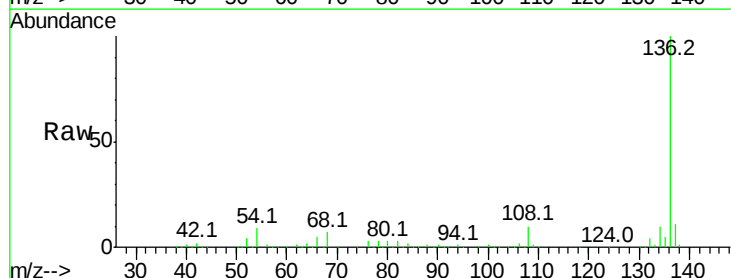
Ion Ratio Lower Upper

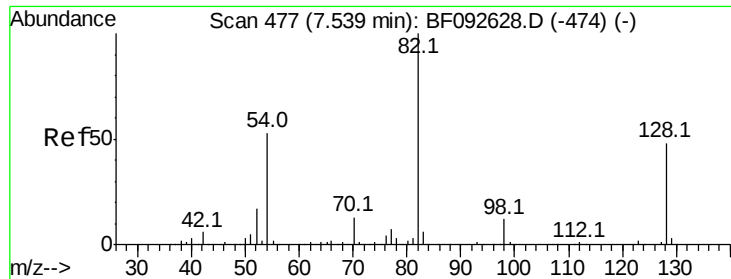
136 100

137 11.1 8.4 12.6

54 9.4 4.5 6.7#

68 6.6 3.6 5.4#

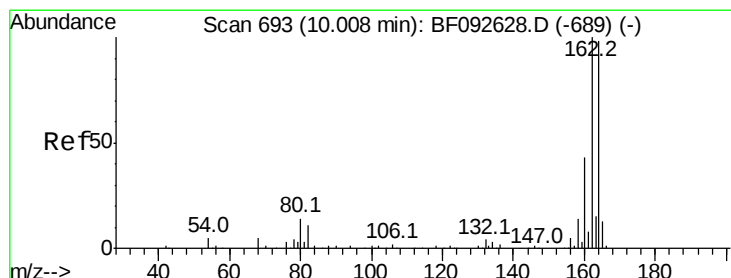
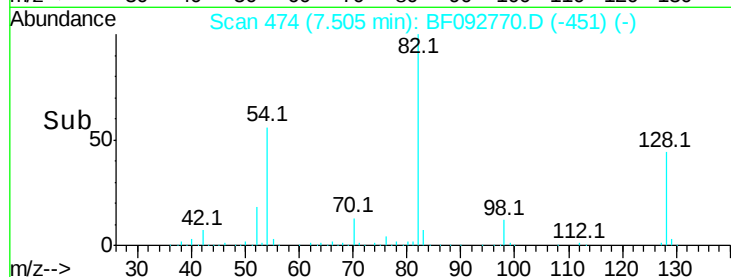
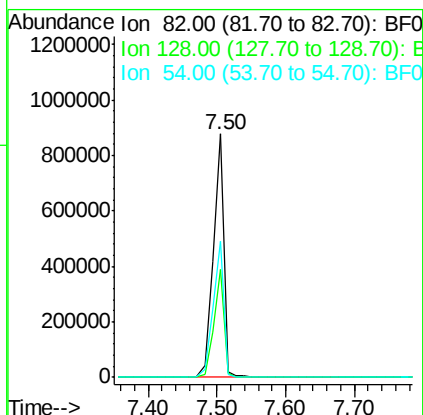
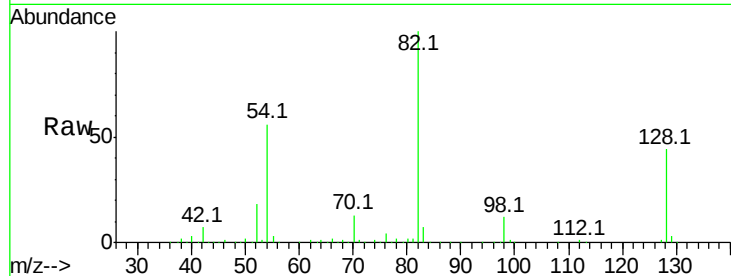




#23
Nitrobenzene-d5
Concen: 85.49 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092770.D
Acq: 3 Feb 2017 10:42

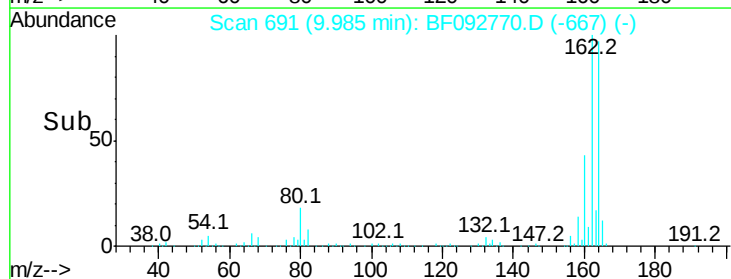
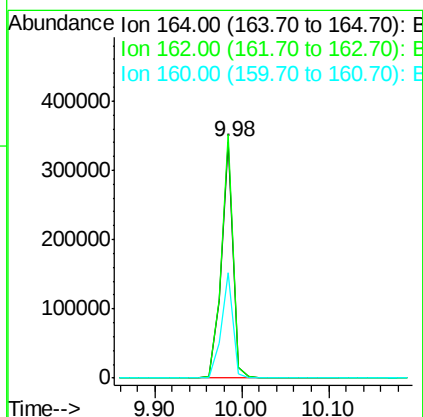
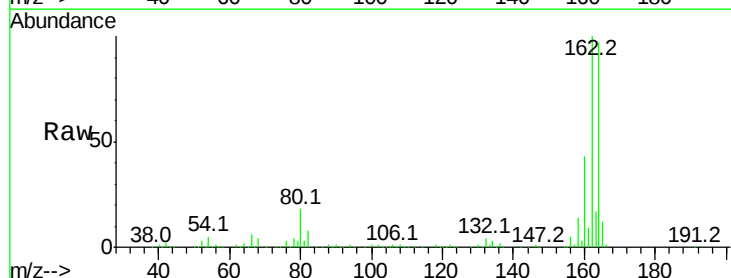
Instrument :
BNA_F
ClientSampleId :
ULMERFB-2-013117

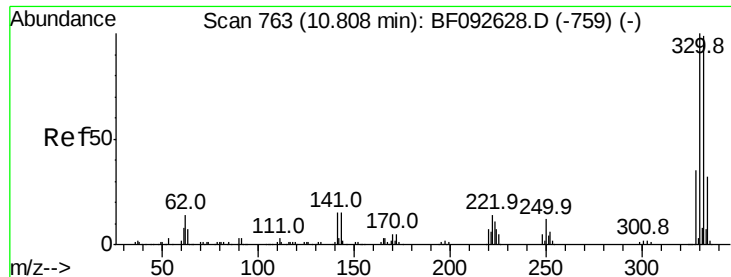
Tot Ion: 82 Resp: 942670
Ion Ratio Lower Upper
82 100
128 44.5 34.6 52.0
54 55.7 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF092770.D
Acq: 3 Feb 2017 10:42

Tgt Ion:164 Resp: 328228
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 44.7 36.9 55.3

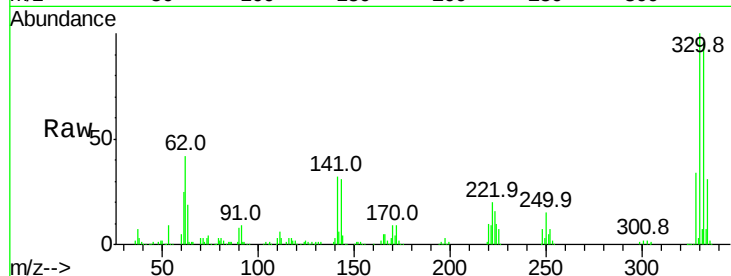




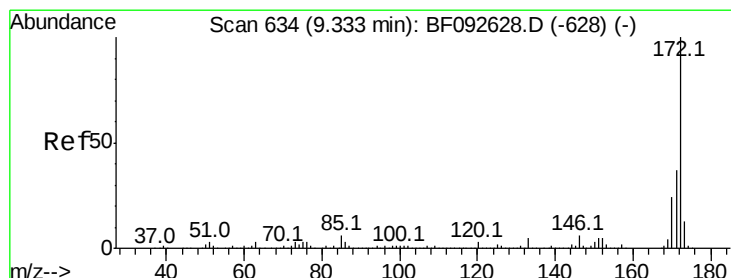
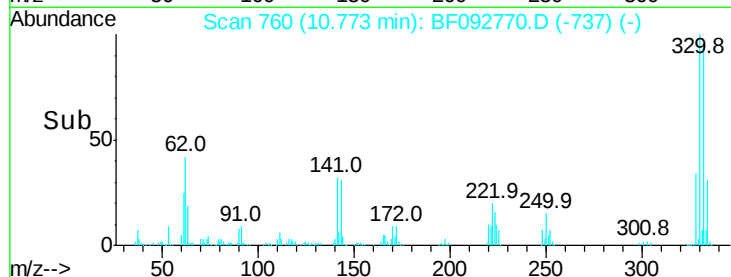
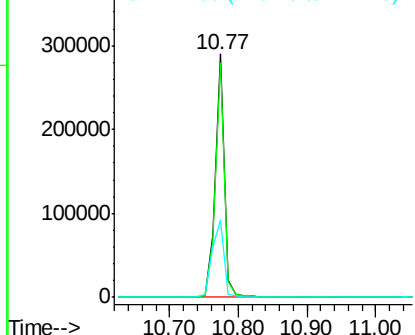
#41
 2,4,6-Tribromophenol
 Concen: 115.05 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092770.D
 Acq: 3 Feb 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 ULMERFB-2-013117

Tot Ion:330 Resp: 273131
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.4 116.2
 141 41.0 34.1 51.1

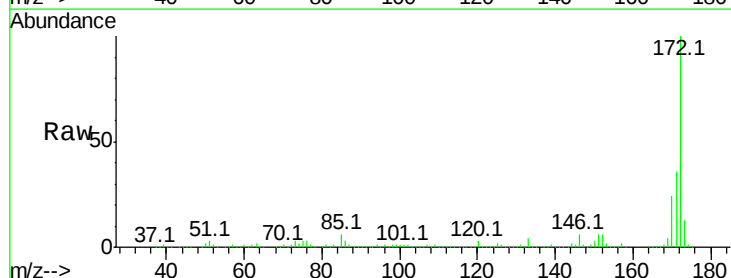


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

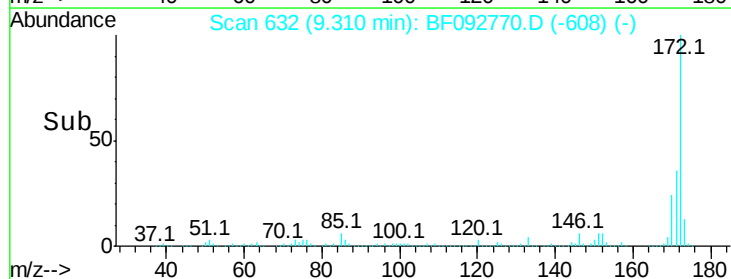
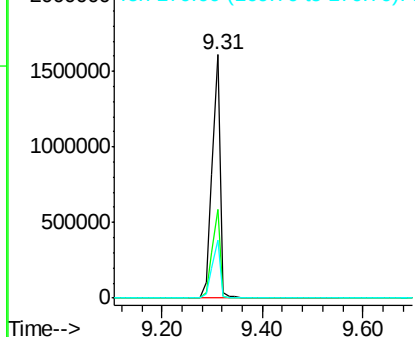


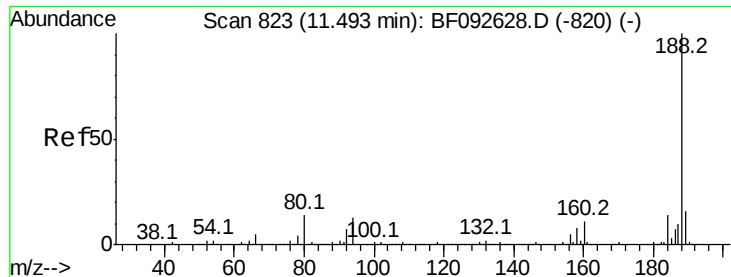
#44
 2-Fluorobiphenyl
 Concen: 98.71 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092770.D
 Acq: 3 Feb 2017 10:42

Tgt Ion:172 Resp: 1788359
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.1 20.2 30.4



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

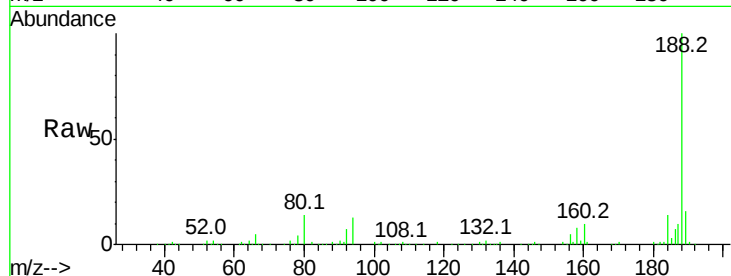




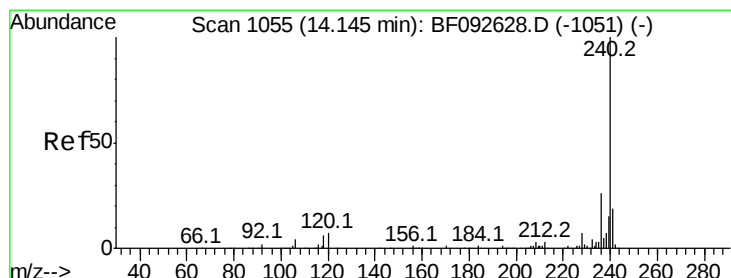
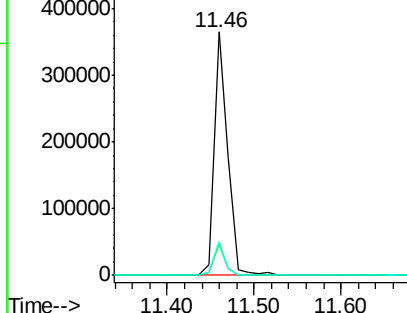
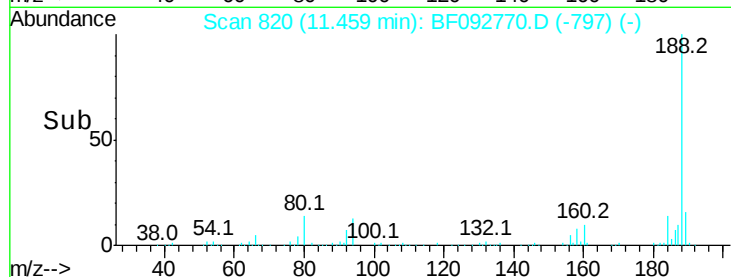
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092770.D
Acq: 3 Feb 2017 10:42

Instrument :
BNA_F
ClientSampleId :
ULMERFB-2-013117

Tot Ion:188 Resp: 399440
Ion Ratio Lower Upper
188 100
94 12.9 10.0 15.0
80 13.9 11.2 16.8

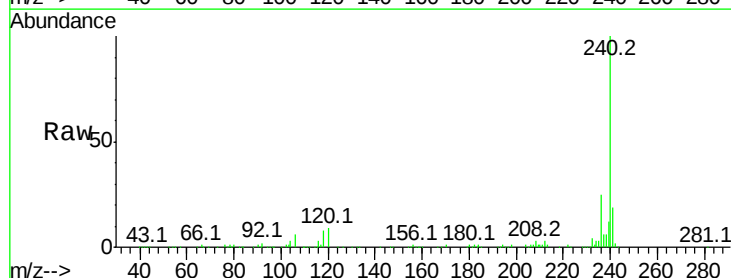


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

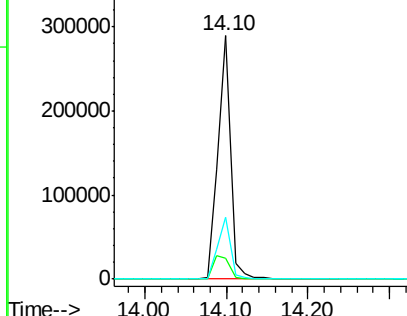
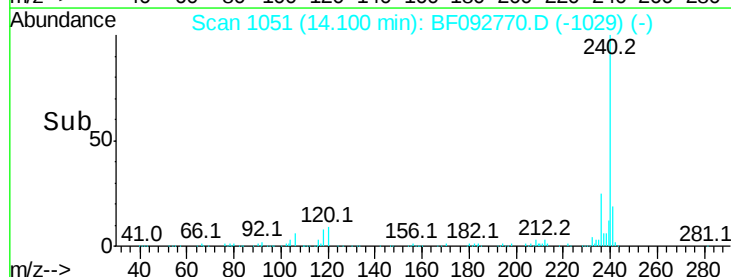


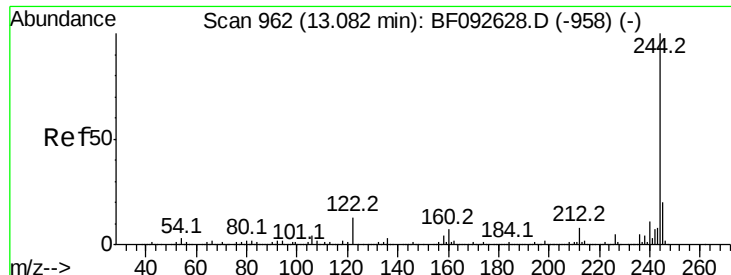
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092770.D
Acq: 3 Feb 2017 10:42

Tgt Ion:240 Resp: 311126
Ion Ratio Lower Upper
240 100
120 8.5 12.9 19.3#
236 25.5 20.9 31.3



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: 83.38 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092770.D

Acq: 3 Feb 2017 10:42

Instrument :

BNA_F

ClientSampleId :

ULMERFB-2-013117

Tot Ion:244 Resp: 1104013

Ion Ratio Lower Upper

244 100

212 7.4

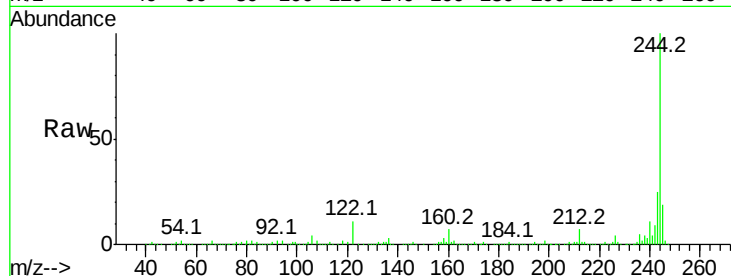
6.2

9.2

122 11.2

11.4

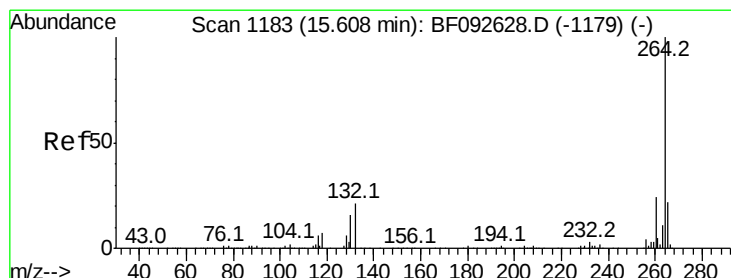
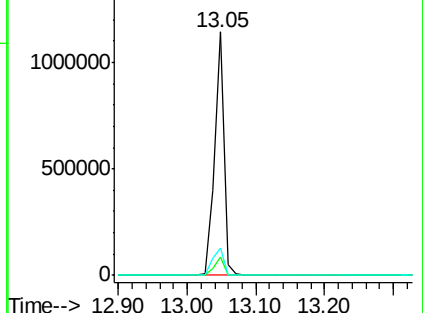
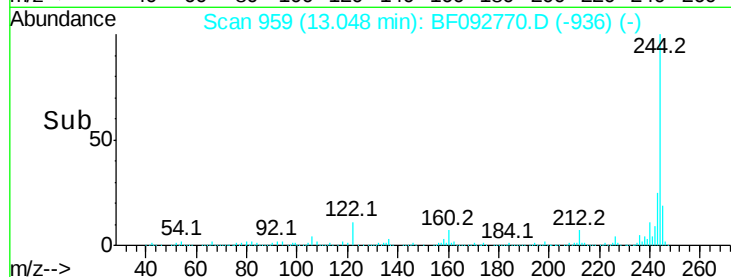
17.2#



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: 20.00 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092770.D

Acq: 3 Feb 2017 10:42

Tgt Ion:264 Resp: 300925

Ion Ratio Lower Upper

264 100

260 23.9

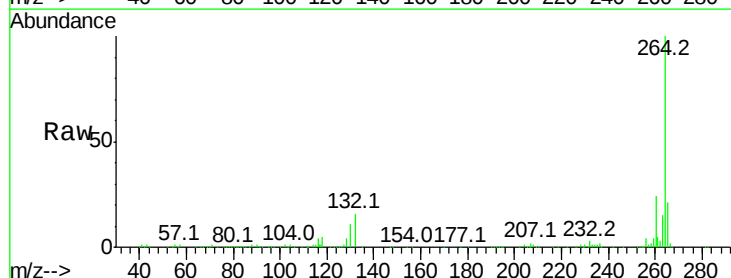
19.2

28.8

265 21.3

17.4

26.0



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

