

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079200.D
 Acq On : 13 May 2015 17:40
 Operator : TP/IZ
 Sample : G2195-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-24-4.5

Quant Time: May 14 01:17:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

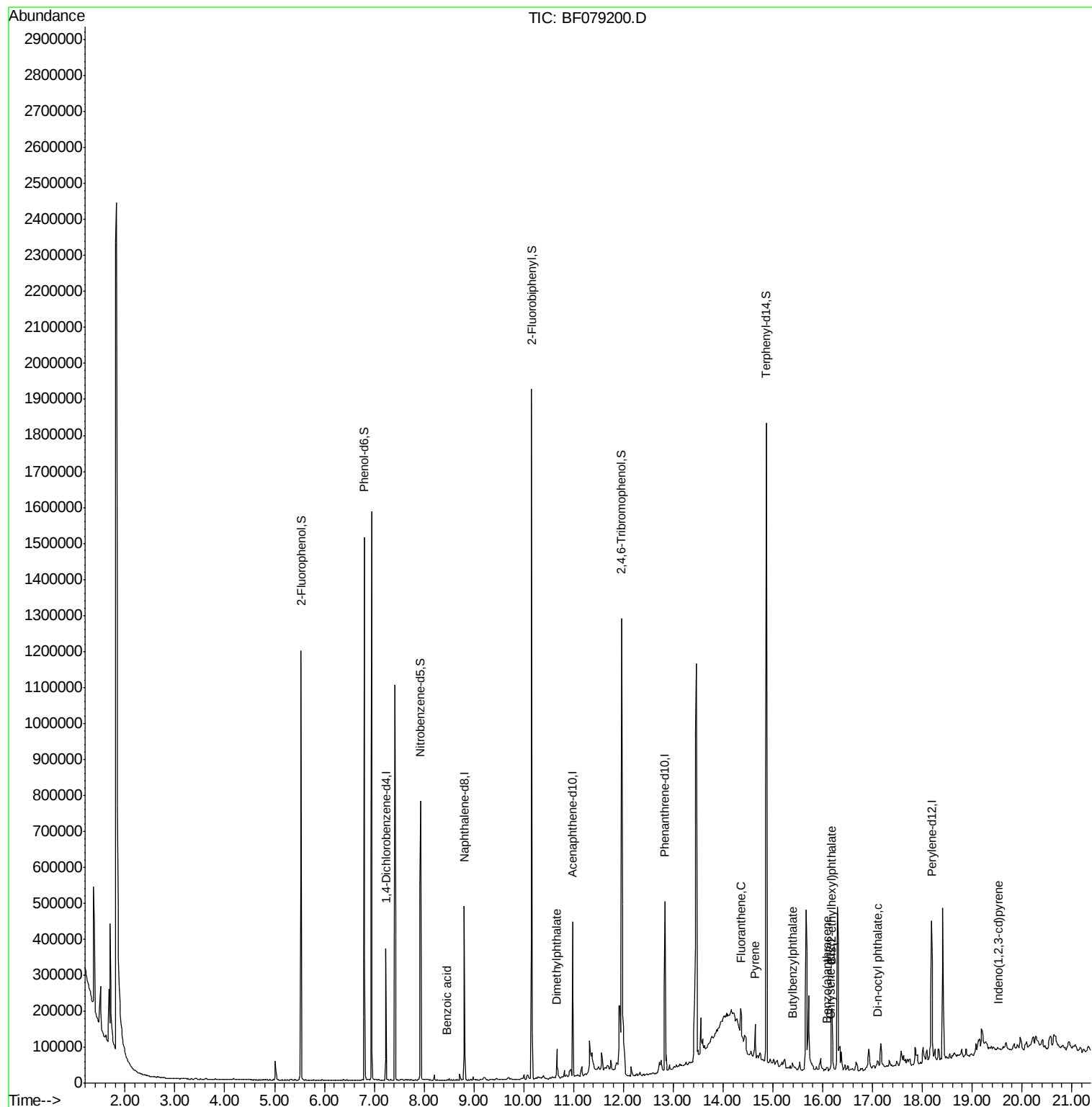
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	53994	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	216002	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	105124	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	203114	20.00	ng	0.00
75) Chrysene-d12	16.16	240	217	20.00	ng	0.00
86) Perylene-d12	18.18	264	223844	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	396628	126.45	ng	0.00
7) Phenol-d6	6.80	99	525802	126.82	ng	0.00
23) Nitrobenzene-d5	7.93	82	314944	83.80	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	156308	137.44	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	575955	76.33	ng	0.00
78) Terphenyl-d14	14.87	244	666442	73528.08	ng	0.05
Target Compounds						
32) Benzoic acid	8.47	122	253	6.43	ng	96
49) Dimethylphthalate	10.66	163	30334	3.93	ng	99
74) Fluoranthene	14.35	202	40631	3.43	ng	98
77) Pyrene	14.64	202	47129	3768.95	ng	96
79) Butylbenzylphthalate	15.39	149	775	141.78	ng	# 55
80) Benzo(a)anthracene	16.09	228	462	38.88	ng	# 1
83) Bis(2-ethylhexyl)phthalate	16.18	149	9379	1132.84	ng	# 65
84) Di-n-octyl phthalate	17.11	149	9695	664.89	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.53	276	1928	132.40	ng	# 100

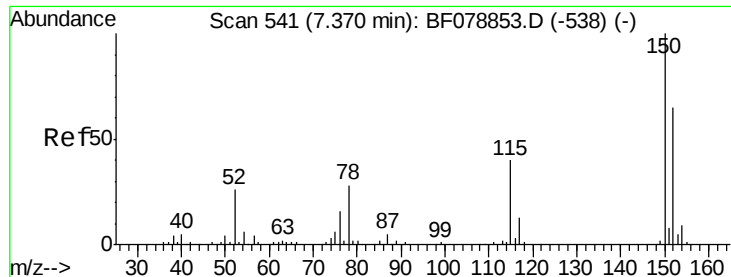
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
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Instrument :
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TU012-SB-24-4.5

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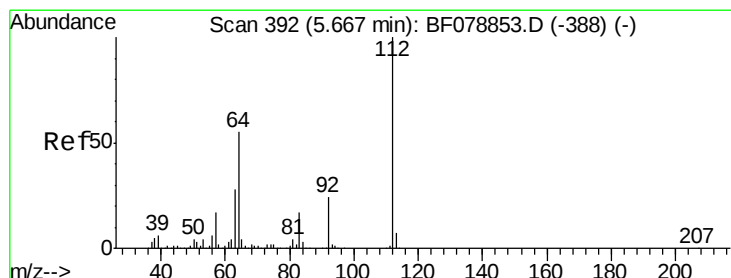
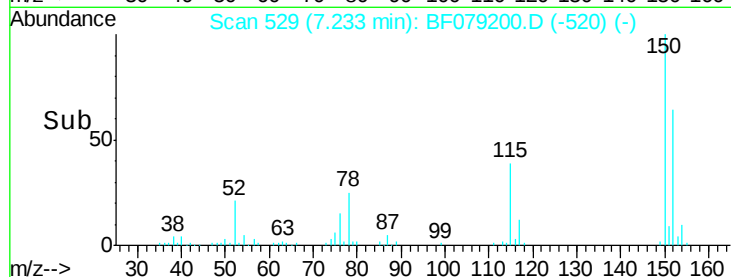
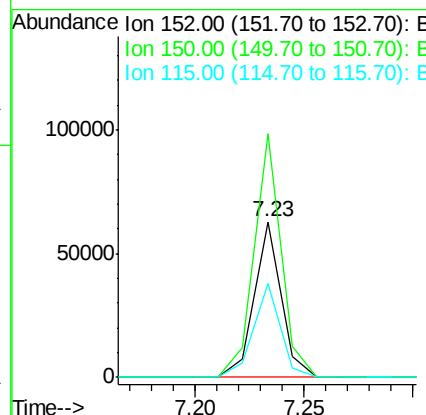
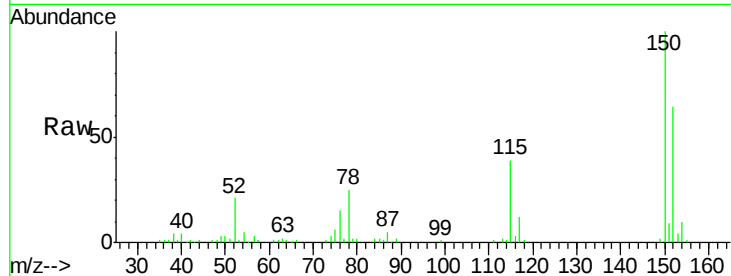




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF079200.D
 Acq: 13 May 2015 17:40

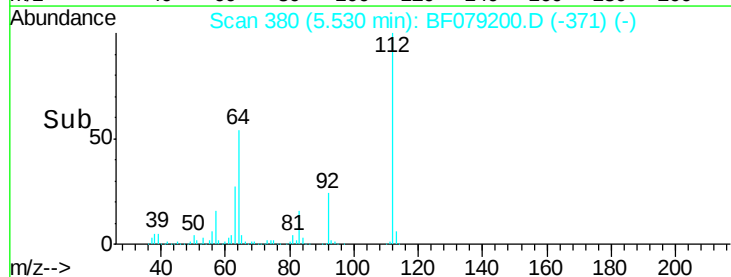
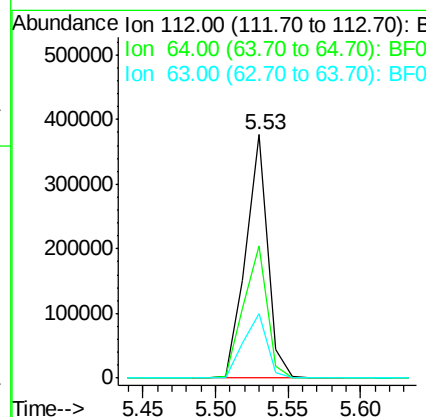
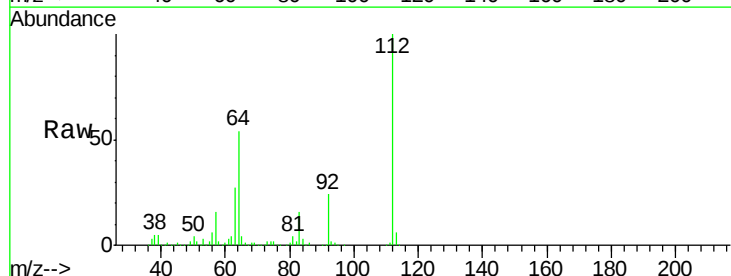
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-24-4.5

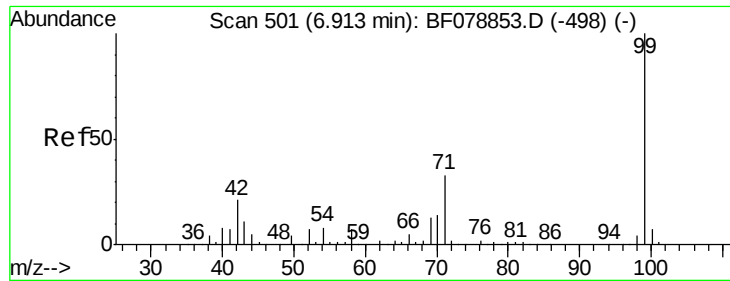
Tgt Ion:152 Resp: 53994
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.0 183.0
 115 60.6 46.3 69.5



#5
 2-Fluorophenol
 Concen: 126.45 ng
 RT: 5.53 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: BF079200.D
 Acq: 13 May 2015 17:40

Tgt Ion:112 Resp: 396628
 Ion Ratio Lower Upper
 112 100
 64 54.1 53.5 80.3
 63 26.5 27.5 41.3#





#7

Phenol-d6

Concen: 126.82 ng

RT: 6.80 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-4.5

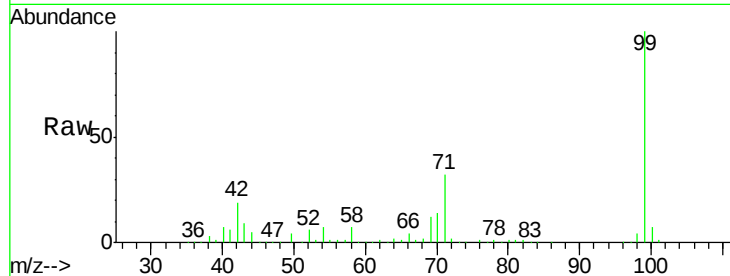
Tgt Ion: 99 Resp: 525802

Ion Ratio Lower Upper

99 100

42 18.6 12.8 19.2

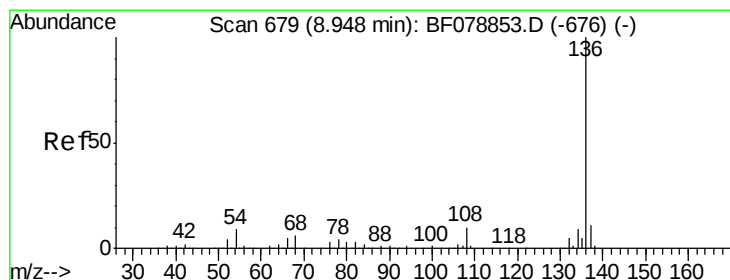
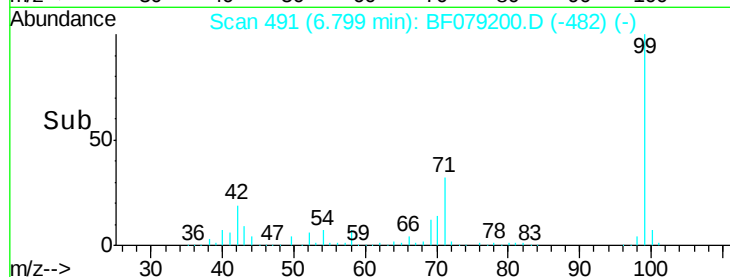
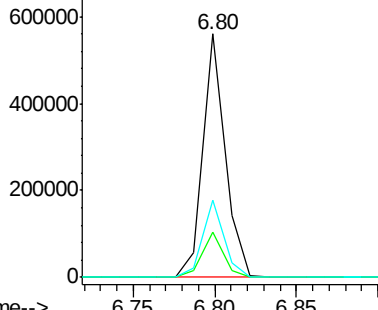
71 31.7 23.4 35.2



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: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Tgt Ion: 136 Resp: 216002

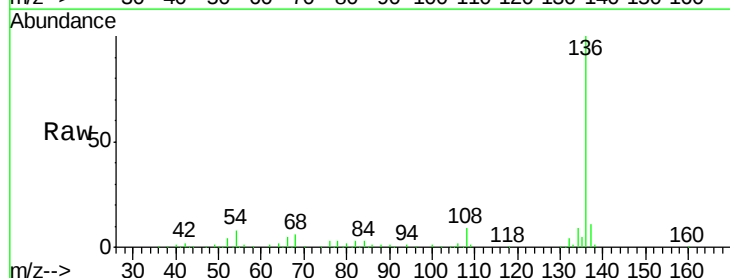
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.7 5.8 8.8

68 5.6 4.2 6.4

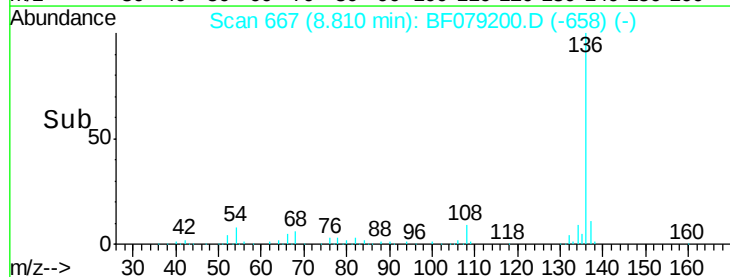
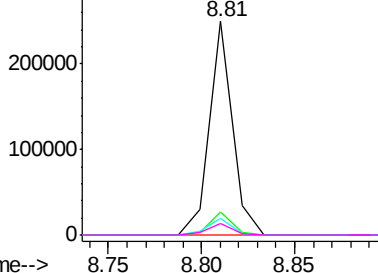


Abundance Ion 136.00 (135.70 to 136.70): E

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

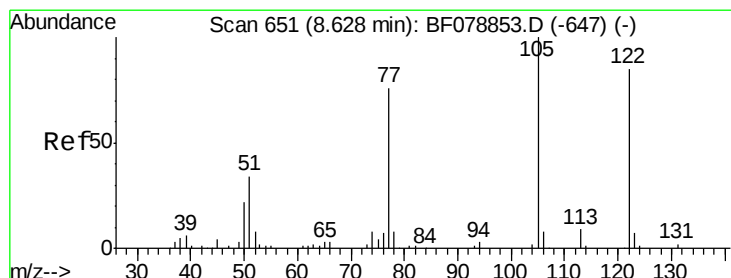
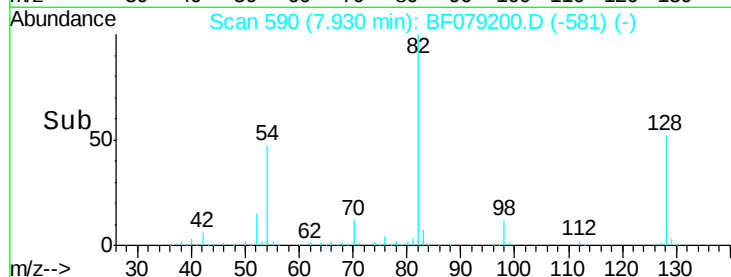
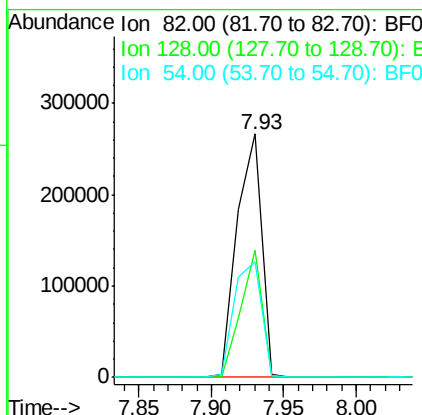
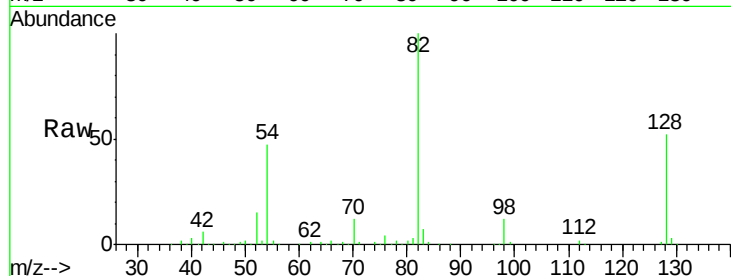




#23
 Nitrobenzene-d5
 Concen: 83.80 ng
 RT: 7.93 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF079200.D
 Acq: 13 May 2015 17:40

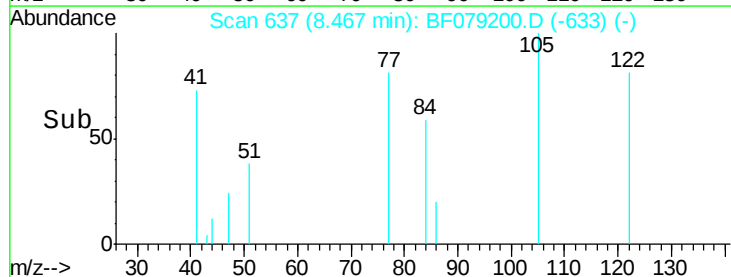
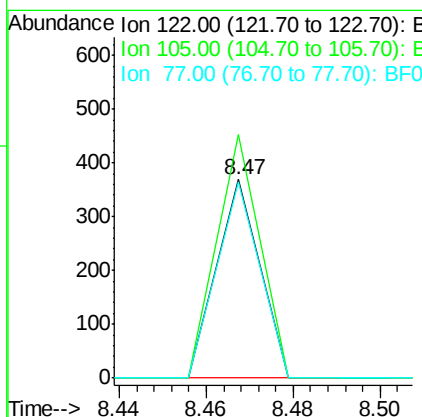
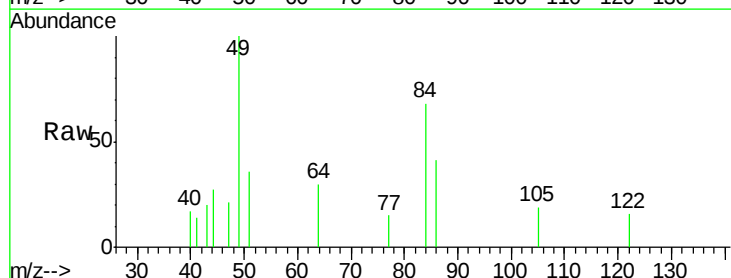
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-24-4.5

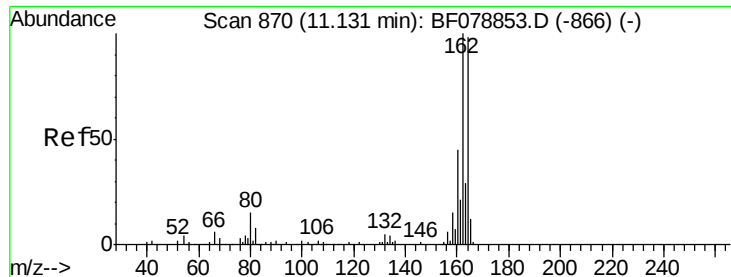
Tgt Ion: 82 Resp: 314944
 Ion Ratio Lower Upper
 82 100
 128 52.2 30.0 45.0#
 54 47.3 46.4 69.6



#32
 Benzoic acid
 Concen: 6.43 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.06 min
 Lab File: BF079200.D
 Acq: 13 May 2015 17:40

Tgt Ion: 122 Resp: 253
 Ion Ratio Lower Upper
 122 100
 105 122.8 107.1 147.1
 77 99.2 73.9 113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-4.5

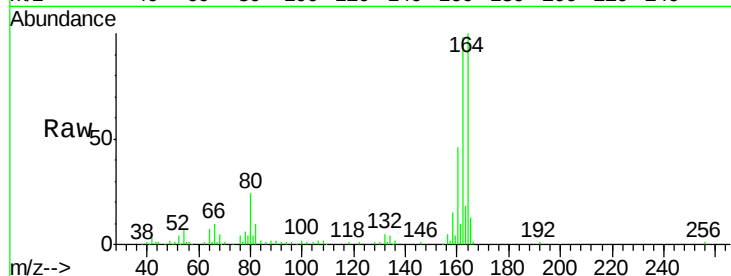
Tgt Ion:164 Resp: 105124

Ion Ratio Lower Upper

164 100

162 98.3 82.7 124.1

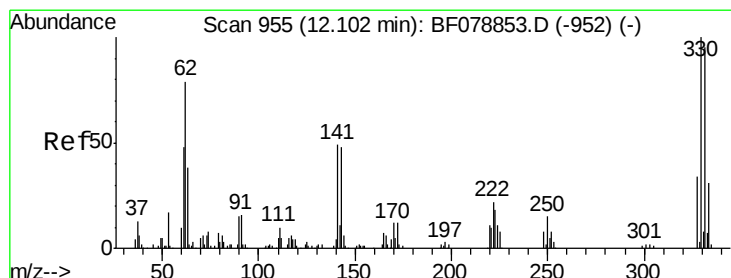
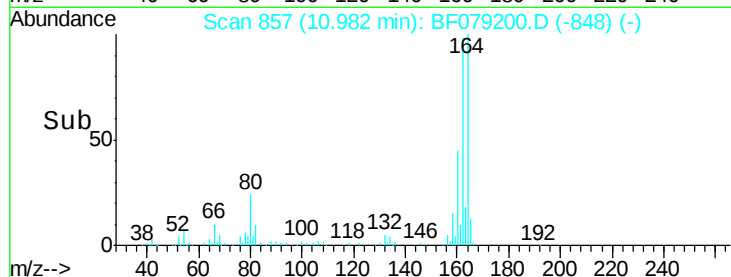
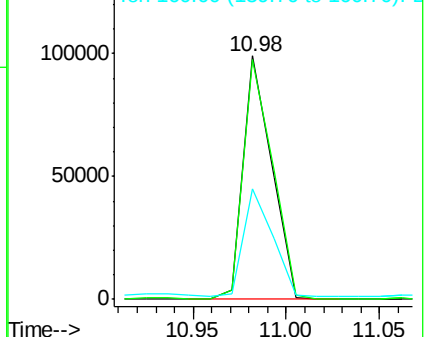
160 45.6 35.8 53.8



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



#41

2,4,6-Tribromophenol

Concen: 137.44 ng

RT: 11.96 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

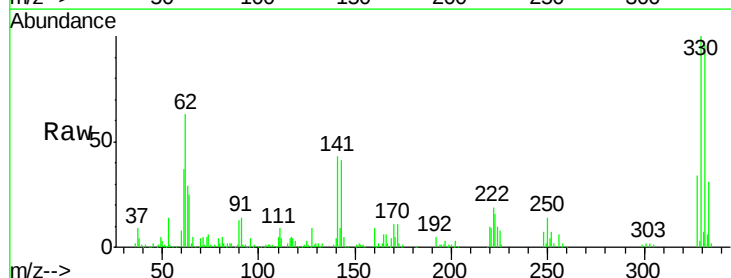
Tgt Ion:330 Resp: 156308

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

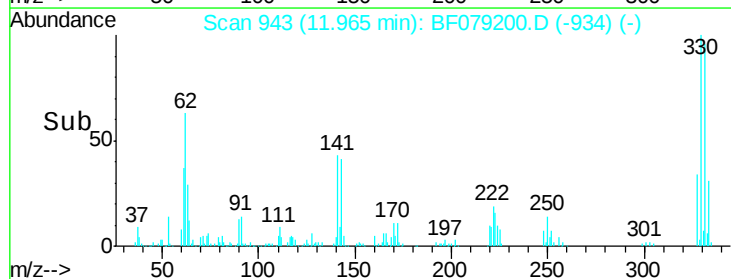
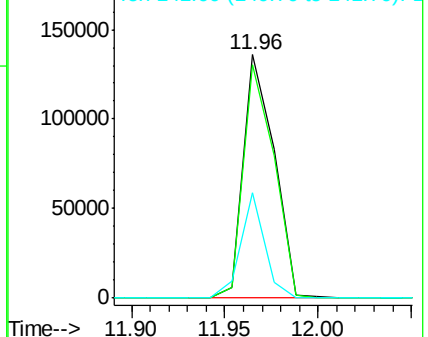
141 33.8 0.0 0.0#

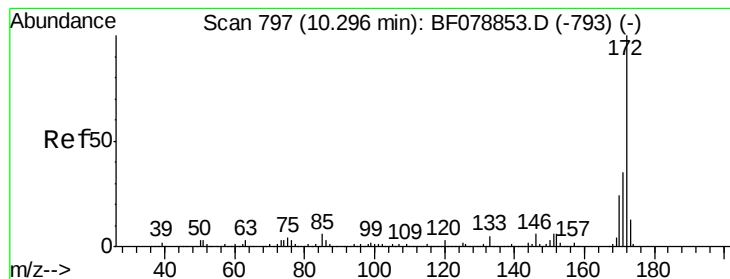


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.33 ng

RT: 10.16 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-4.5

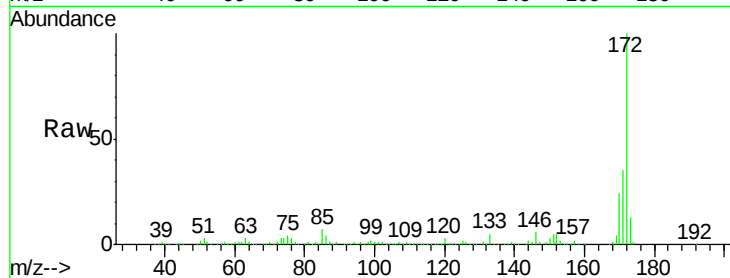
Tgt Ion:172 Resp: 575955

Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

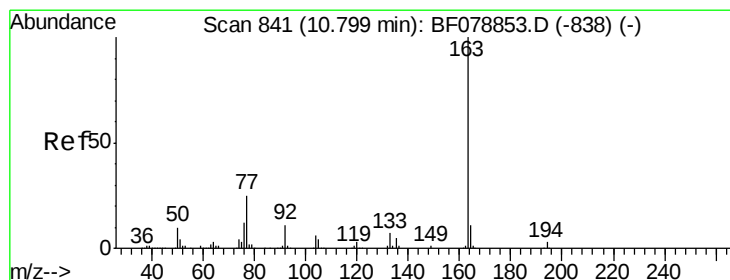
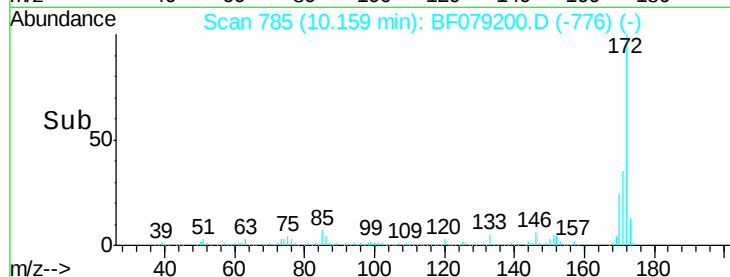
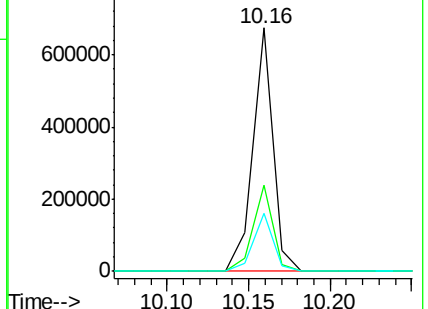
170 24.1 19.4 29.0



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: 3.93 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

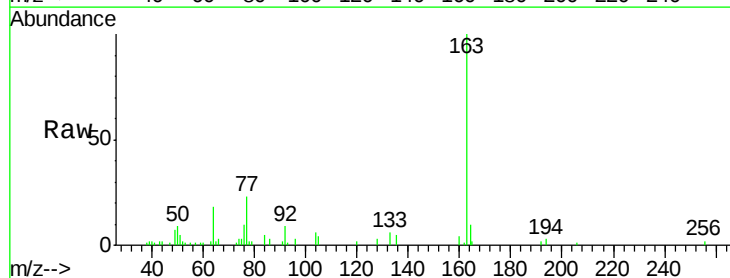
Tgt Ion:163 Resp: 30334

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

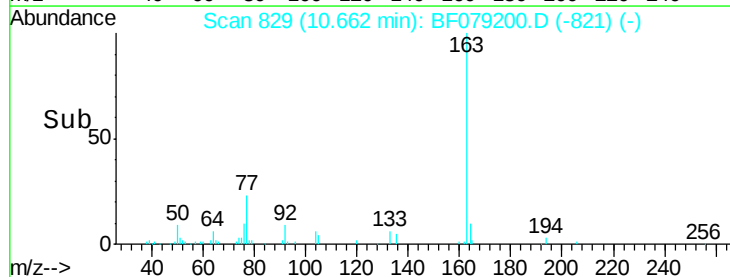
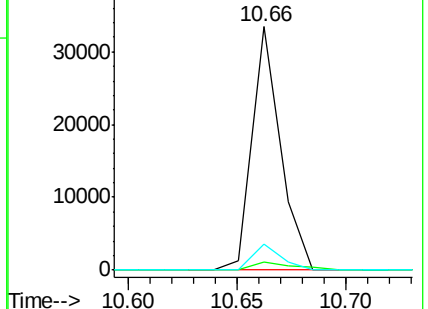
164 10.4 8.1 12.1

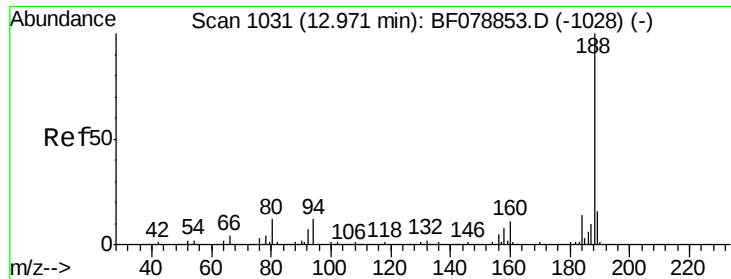


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

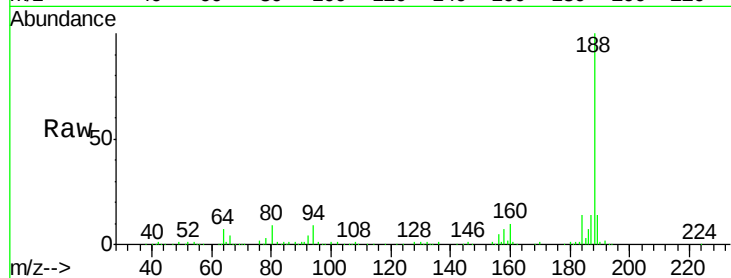




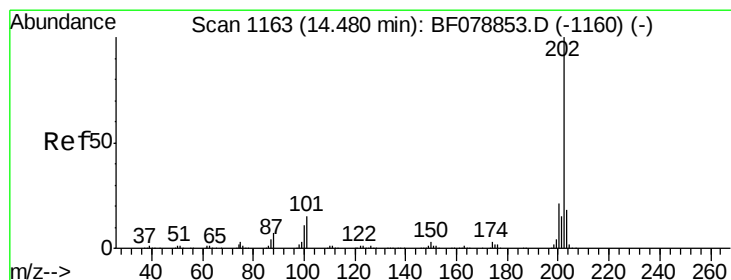
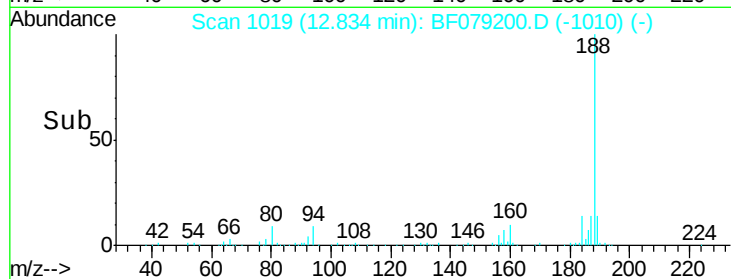
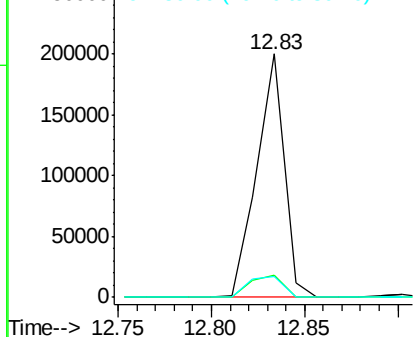
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Instrument :
BNA_F
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TU012-SB-24-4.5

Tgt Ion:188 Resp: 203114
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 8.6 8.9 13.3#

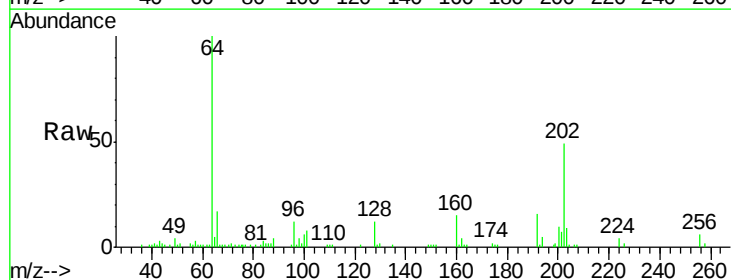


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

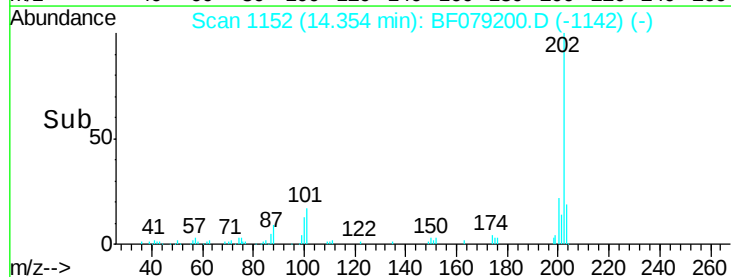
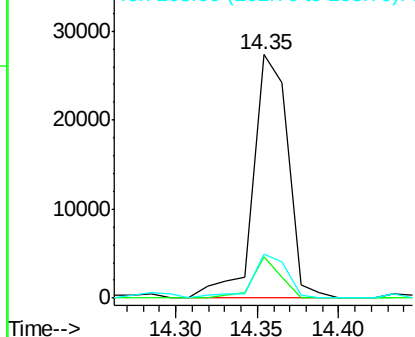


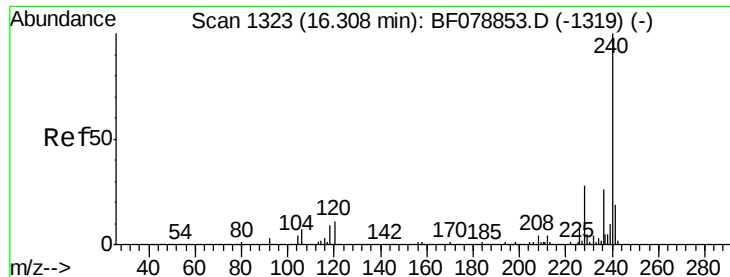
#74
Fluoranthene
Concen: 3.43 ng
RT: 14.35 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Tgt Ion:202 Resp: 40631
Ion Ratio Lower Upper
202 100
101 16.8 0.0 34.6
203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.16 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-4.5

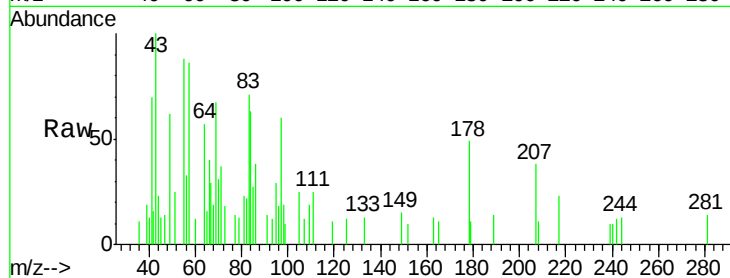
Tgt Ion:240 Resp: 217

Ion Ratio Lower Upper

240 100

120 0.0 9.7 14.5#

236 0.0 20.2 30.4#



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

16.16

300

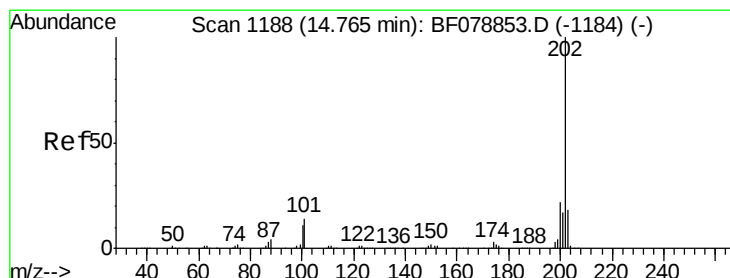
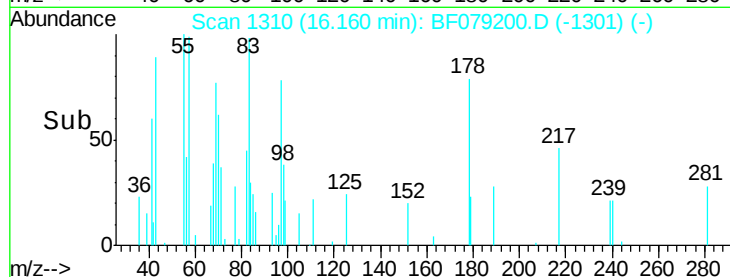
200

100

0

16.15

Time-->



#77

Pyrene

Concen: 3768.95 ng

RT: 14.64 min Scan# 1177

Delta R.T. 0.02 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

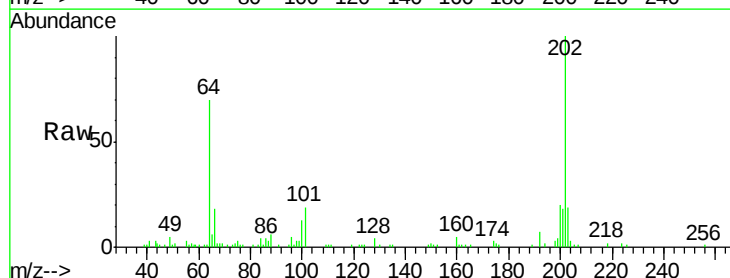
Tgt Ion:202 Resp: 47129

Ion Ratio Lower Upper

202 100

200 19.5 17.5 26.3

203 19.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

14.64

50000

40000

30000

20000

10000

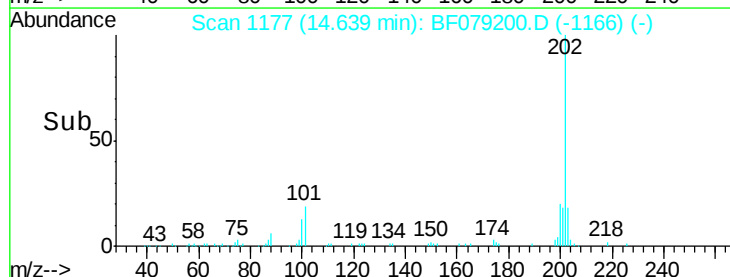
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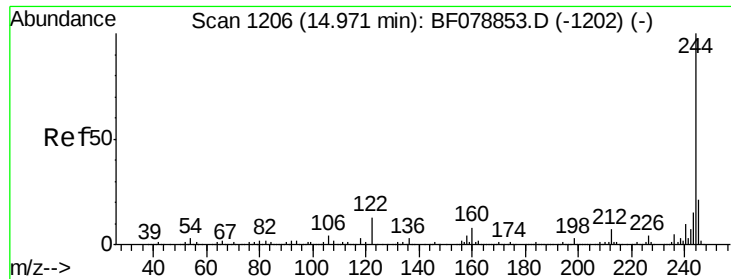
14.60

14.65

14.70

Time-->





#78

Terphenyl-d14

Concen: 73528.08 ng

RT: 14.87 min Scan# 1197

Delta R.T. 0.05 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-4.5

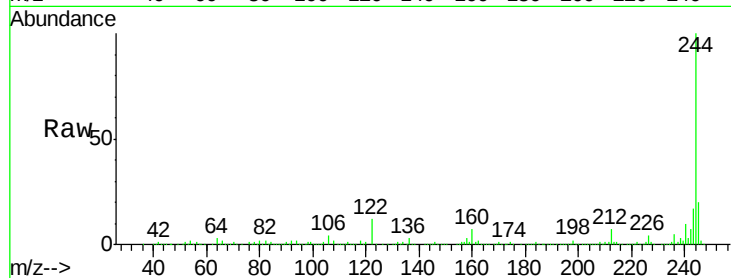
Tgt Ion:244 Resp: 666442

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

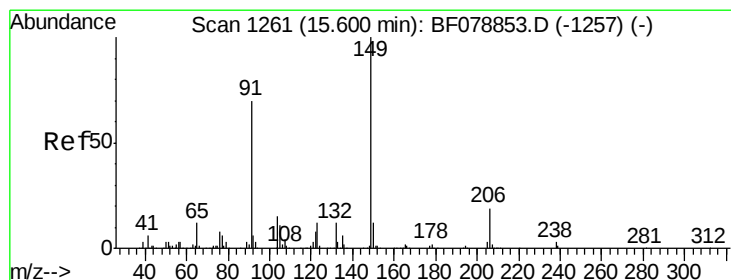
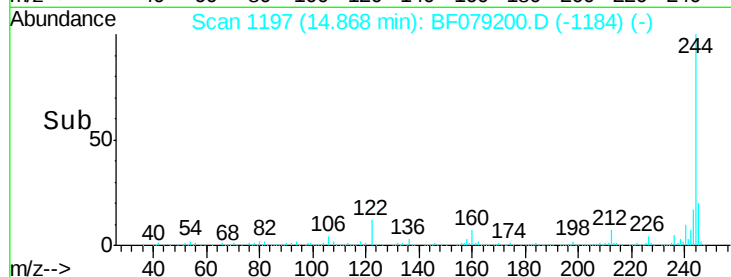
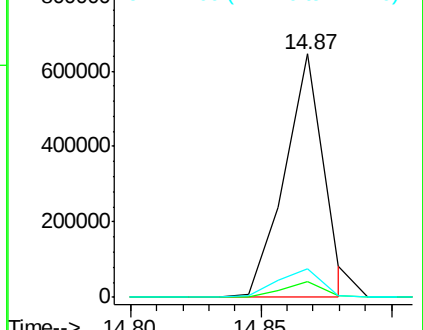
122 11.7 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 141.78 ng

RT: 15.39 min Scan# 1243

Delta R.T. -0.06 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

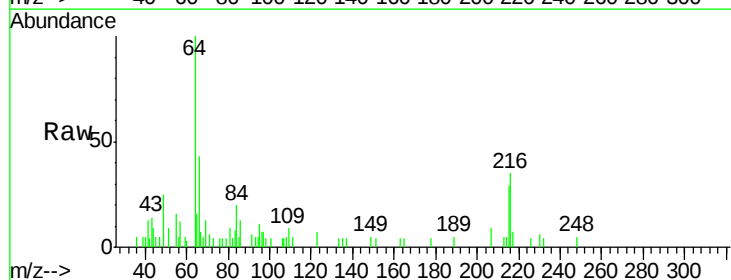
Tgt Ion:149 Resp: 775

Ion Ratio Lower Upper

149 100

91 122.6 64.6 97.0#

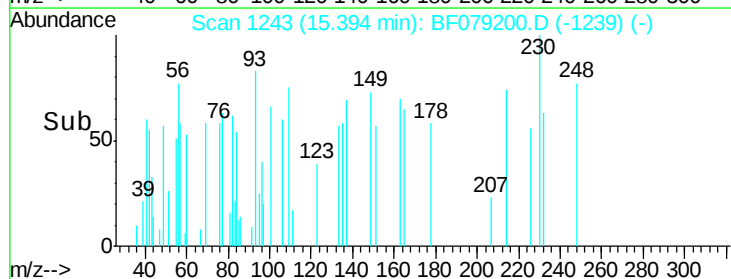
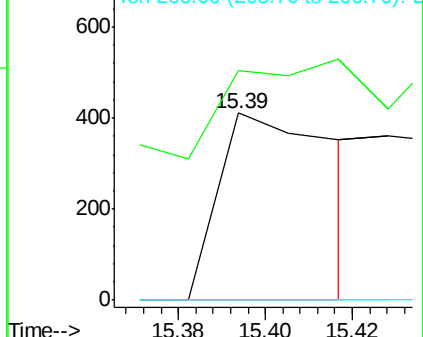
206 0.0 12.2 18.4#

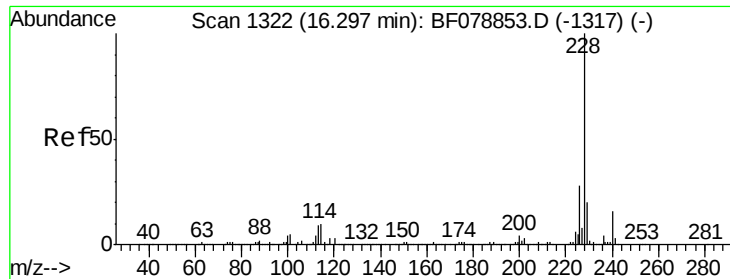


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.88 ng

RT: 16.09 min Scan# 1304

Delta R.T. -0.06 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-4.5

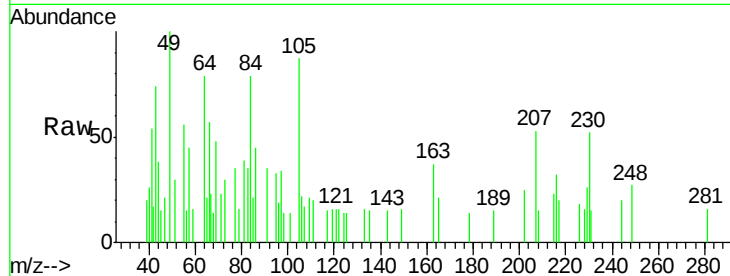
Tgt Ion:228 Resp: 462

Ion Ratio Lower Upper

228 100

226 113.7 22.6 33.8#

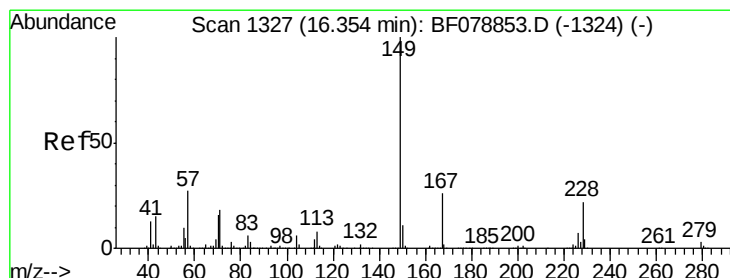
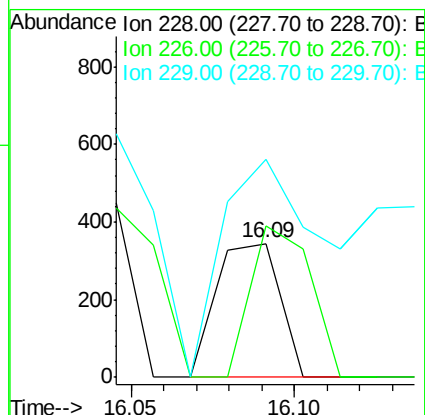
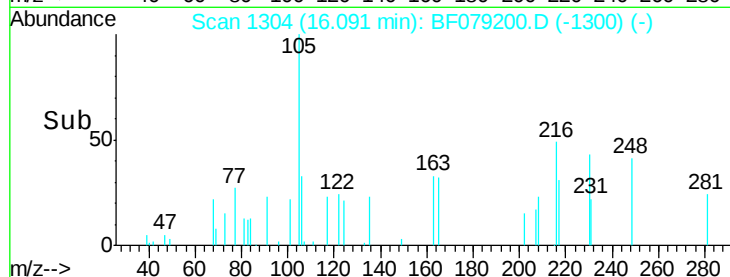
229 163.7 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1132.84 ng

RT: 16.18 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

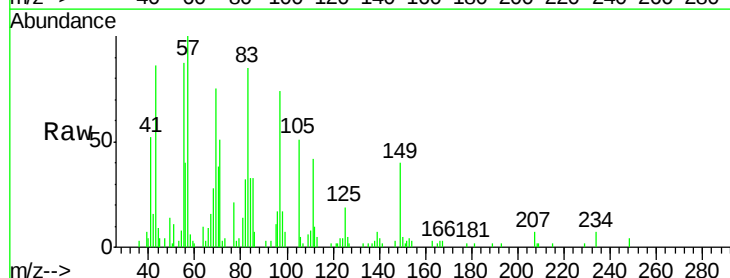
Tgt Ion:149 Resp: 9379

Ion Ratio Lower Upper

149 100

167 7.3 21.8 32.8#

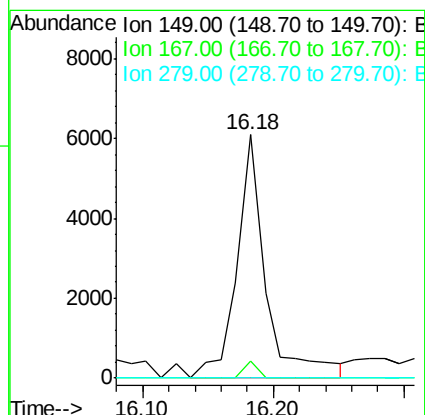
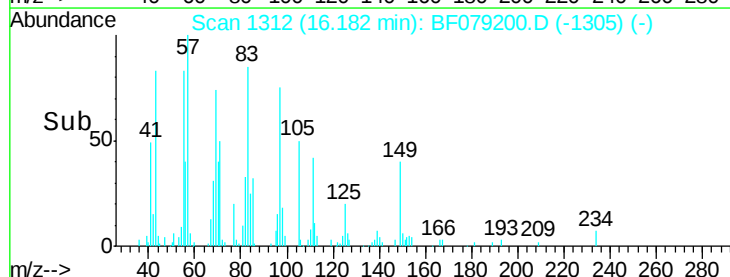
279 0.0 2.9 4.3#

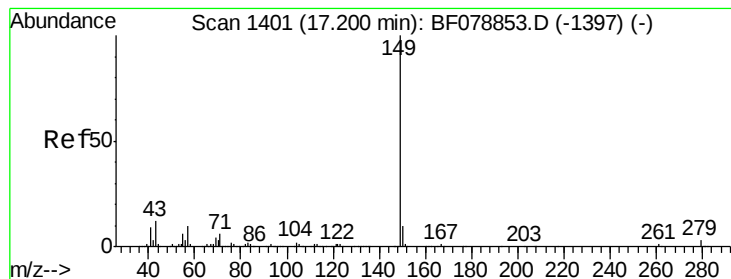


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 664.89 ng

RT: 17.11 min Scan# 1393

Delta R.T. 0.05 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-24-4.5

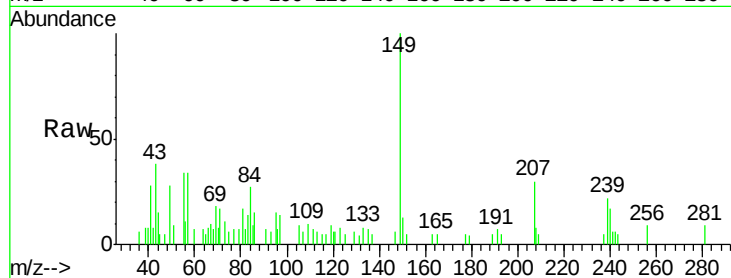
Tgt Ion:149 Resp: 9695

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

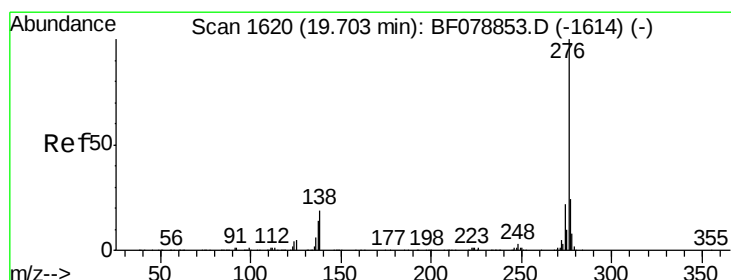
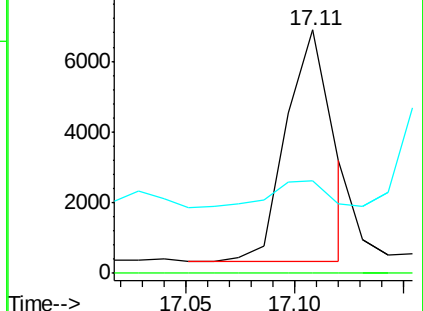
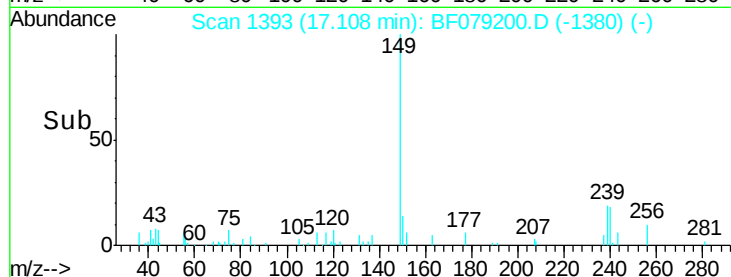
43 12.6 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 132.40 ng

RT: 19.53 min Scan# 1605

Delta R.T. 0.05 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

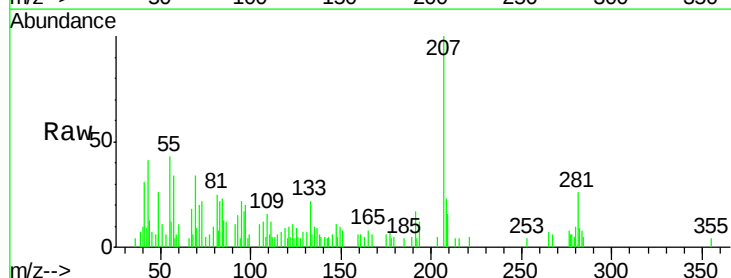
Tgt Ion:276 Resp: 1928

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

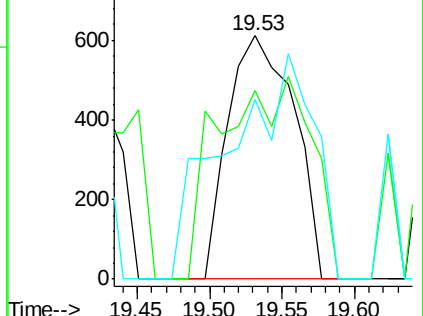
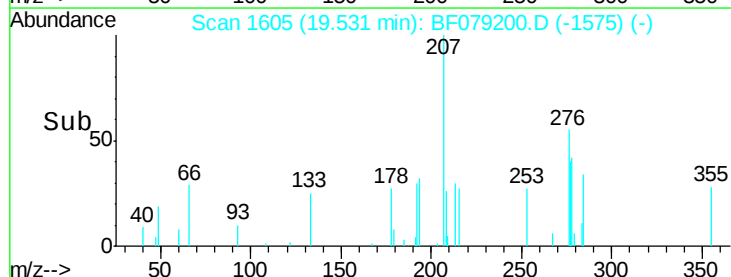
277 0.0 0.0 0.0

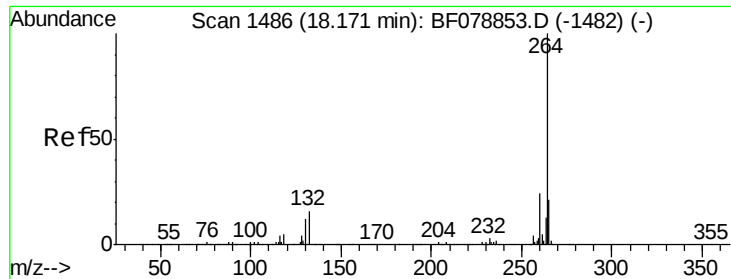


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.18 min Scan# 1487
Delta R.T. 0.16 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TU012-SB-24-4.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	18.3	27.5

