

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
 Data File : BF079169.D
 Acq On : 12 May 2015 20:43
 Operator : TP/IZ
 Sample : G2194-02 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-15-2.0

Quant Time: May 13 01:17:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

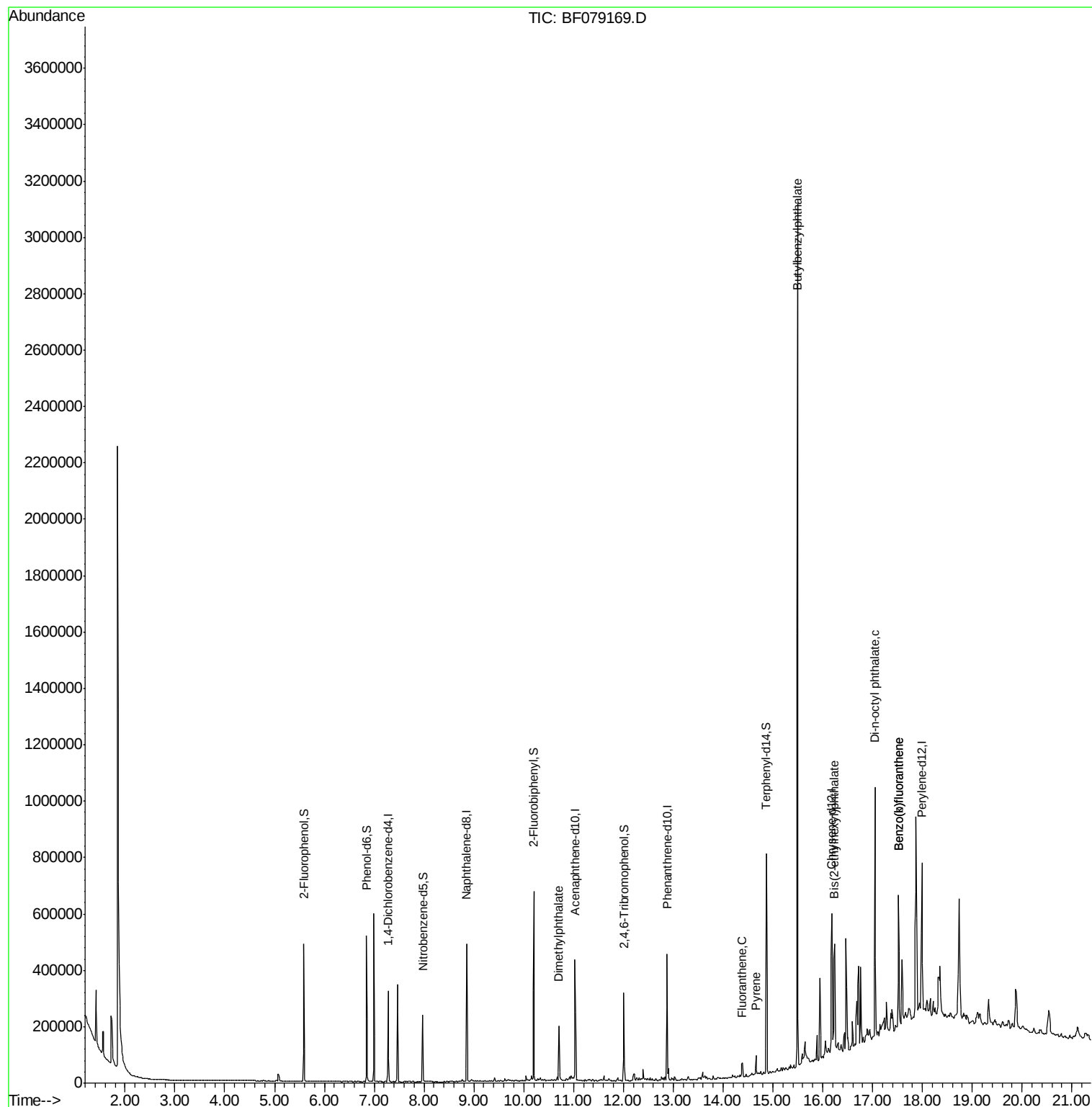
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	49107	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	211463	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	104182	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	201146	20.00	ng	0.00
75) Chrysene-d12	16.18	240	215760	20.00	ng	-0.01
86) Perylene-d12	17.99	264	227461	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	147075	51.55	ng	0.01
7) Phenol-d6	6.84	99	202774	53.77	ng	0.00
23) Nitrobenzene-d5	7.98	82	110474	30.02	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	38585	34.24	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	238049	31.83	ng	0.00
78) Terphenyl-d14	14.87	244	277179	30.76	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.71	163	76177	9.96	ng	98
74) Fluoranthene	14.39	202	29100	2.48	ng	93
77) Pyrene	14.66	202	30001	2.41	ng	98
79) Butylbenzylphthalate	15.50	149	866438	159.42	ng	# 86
83) Bis(2-ethylhexyl)phthalate	16.24	149	282232	34.29	ng	# 55
84) Di-n-octyl phthalate	17.05	149	533805	36.82	ng	# 100
87) Benzo(b)fluoranthene	17.52	252	28884	2.32	ng	# 84
88) Benzo(k)fluoranthene	17.52	252	28748	2.39	ng	# 85

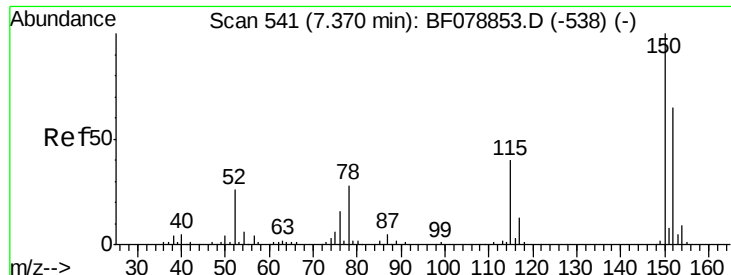
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079169.D
Acq On : 12 May 2015 20:43
Operator : TP/IZ
Sample : G2194-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU021-SB-15-2.0

Quant Time: May 13 01:17:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
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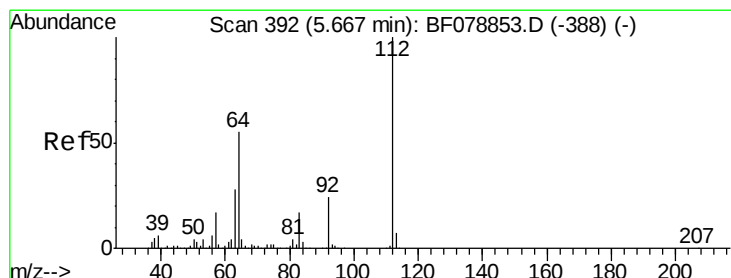
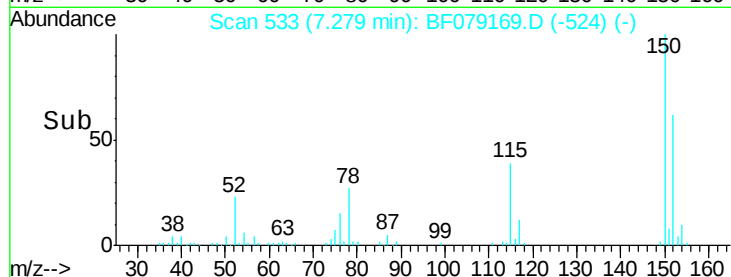
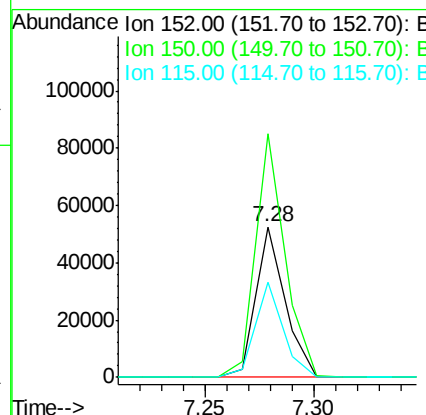
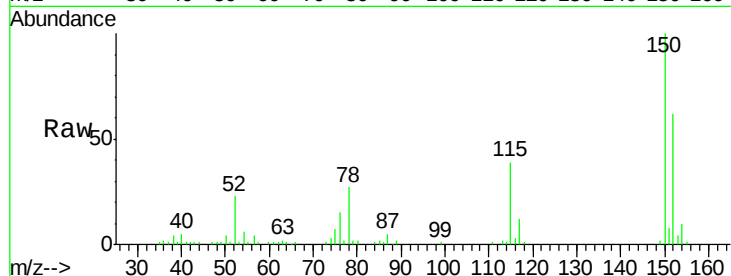




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF079169.D
 Acq: 12 May 2015 20:43

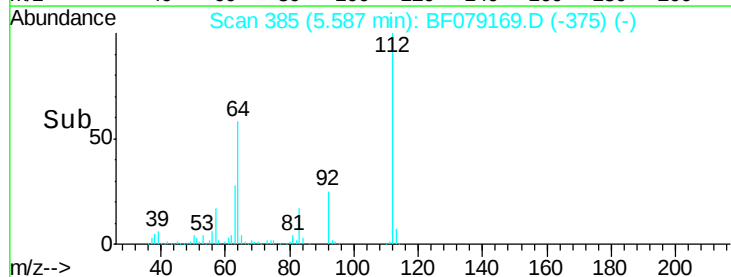
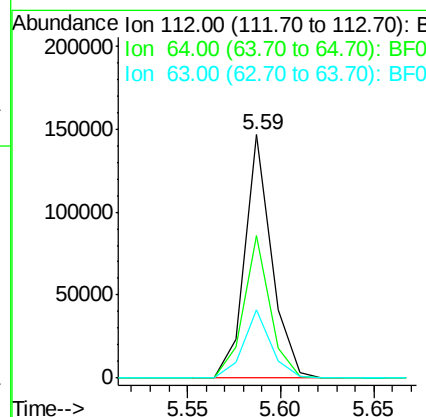
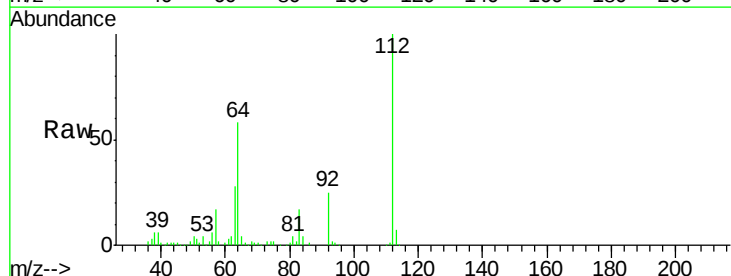
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-15-2.0

Tgt Ion:152 Resp: 49107
 Ion Ratio Lower Upper
 152 100
 150 161.5 122.0 183.0
 115 63.2 46.3 69.5



#5
 2-Fluorophenol
 Concen: 51.55 ng
 RT: 5.59 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: BF079169.D
 Acq: 12 May 2015 20:43

Tgt Ion:112 Resp: 147075
 Ion Ratio Lower Upper
 112 100
 64 58.4 53.5 80.3
 63 28.1 27.5 41.3





#7

Phenol-d6

Concen: 53.77 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF079169.D

Acq: 12 May 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TU021-SB-15-2.0

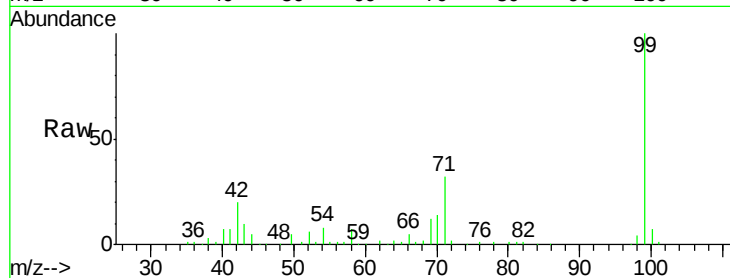
Tgt Ion: 99 Resp: 202774

Ion Ratio Lower Upper

99 100

42 19.6 12.8 19.2#

71 31.5 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

250000

200000

150000

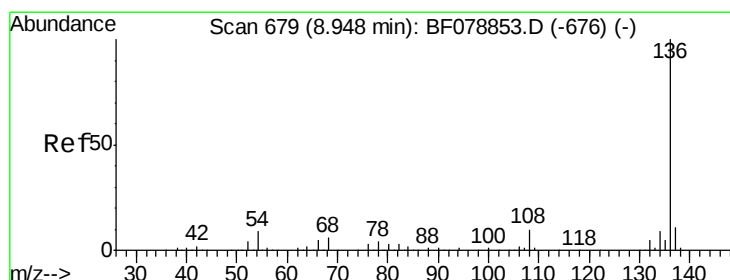
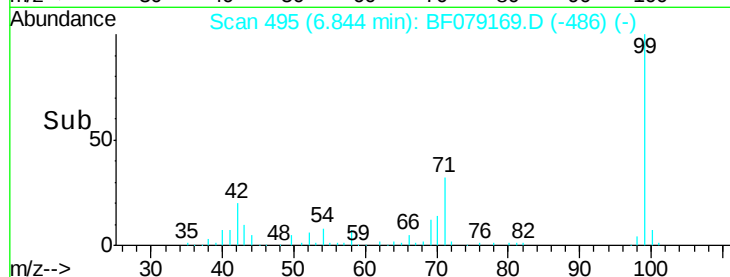
100000

50000

0

6.80 6.85 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF079169.D

Acq: 12 May 2015 20:43

Tgt Ion: 136 Resp: 211463

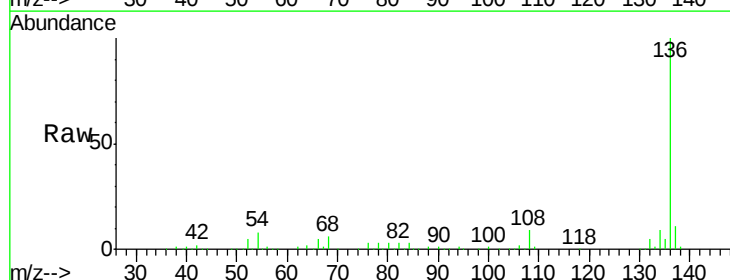
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.1 5.8 8.8

68 6.4 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

300000

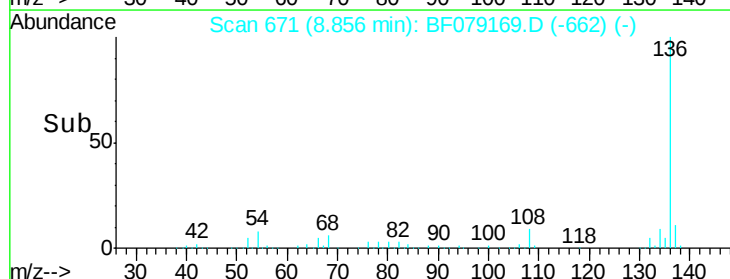
200000

100000

0

8.80 8.85 8.90

Time-->

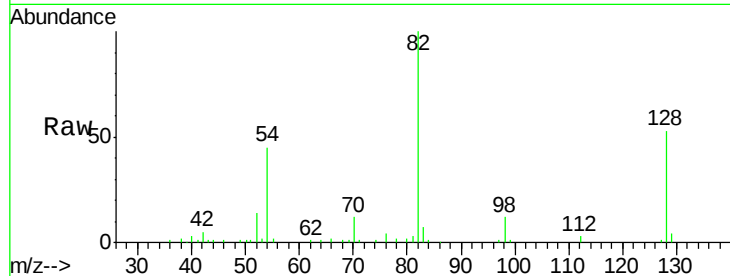




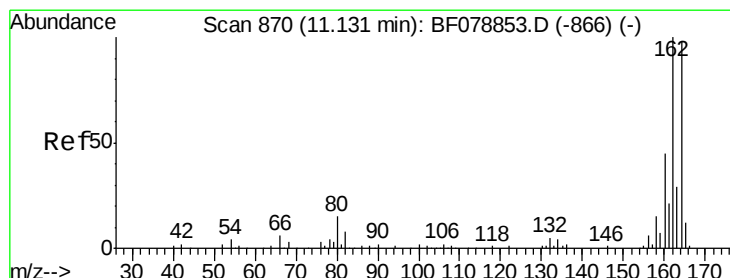
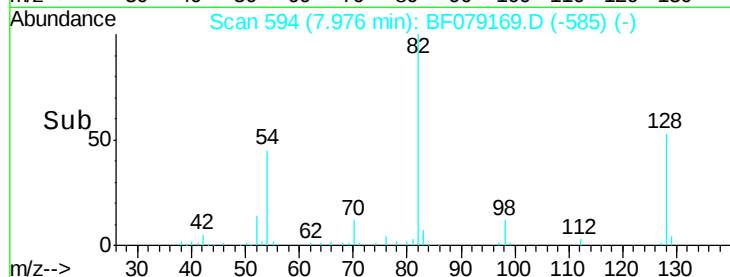
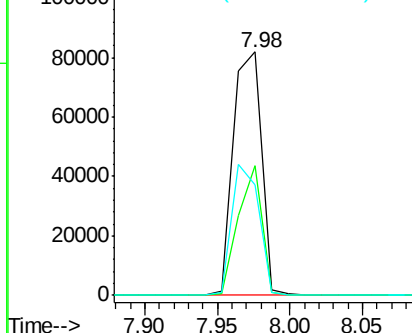
#23
 Nitrobenzene-d5
 Concen: 30.02 ng
 RT: 7.98 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF079169.D
 Acq: 12 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-15-2.0

Tgt Ion: 82 Resp: 110474
 Ion Ratio Lower Upper
 82 100
 128 53.4 30.0 45.0#
 54 45.2 46.4 69.6#

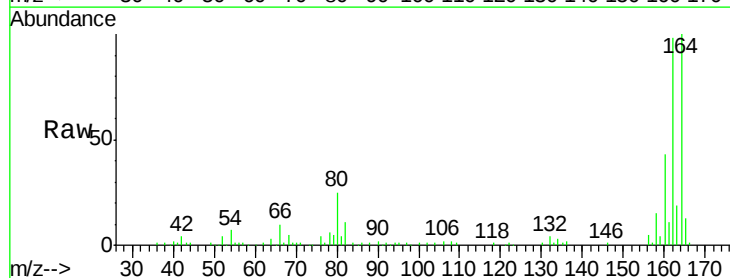


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

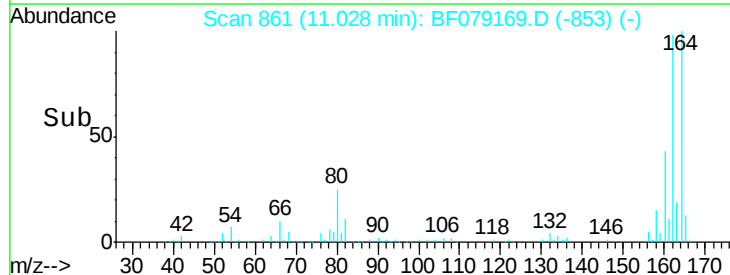
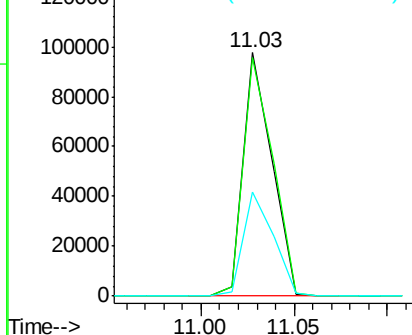


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF079169.D
 Acq: 12 May 2015 20:43

Tgt Ion: 164 Resp: 104182
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.7 124.1
 160 42.7 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

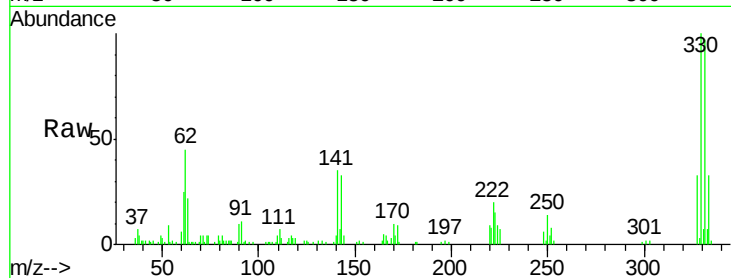




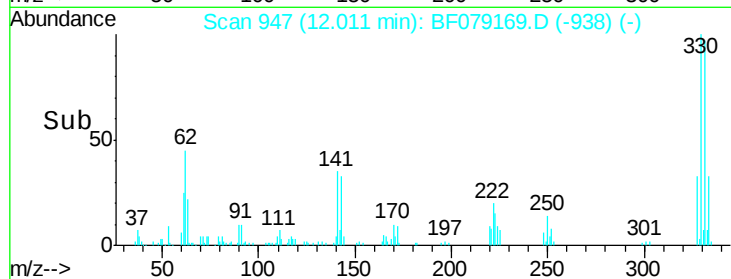
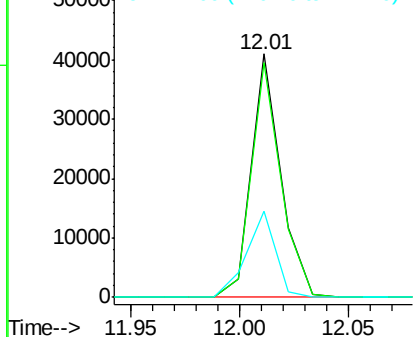
#41
 2,4,6-Tribromophenol
 Concen: 34.24 ng
 RT: 12.01 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF079169.D
 Acq: 12 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-15-2.0

Tgt Ion: 330 Resp: 38585
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 34.8 0.0 0.0#

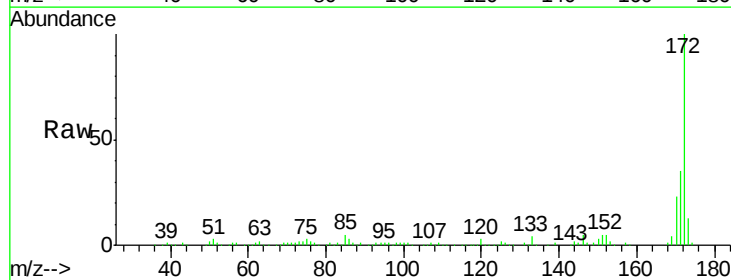


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

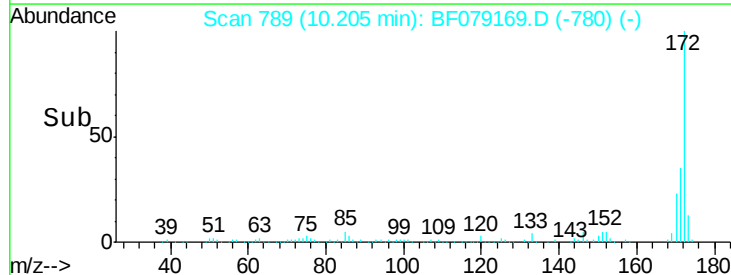
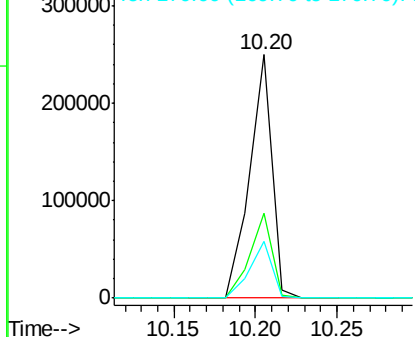


#44
 2-Fluorobiphenyl
 Concen: 31.83 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF079169.D
 Acq: 12 May 2015 20:43

Tgt Ion: 172 Resp: 238049
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.9 41.9
 170 23.5 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

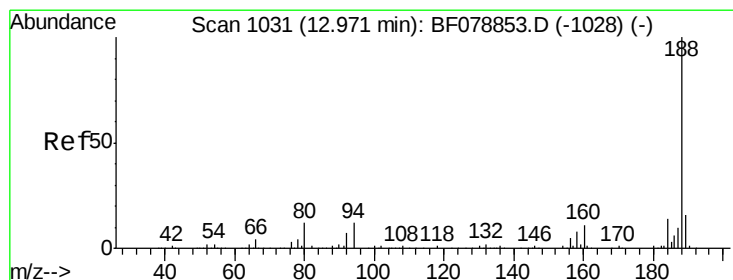
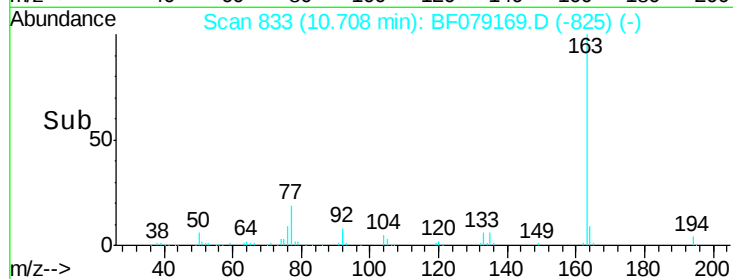
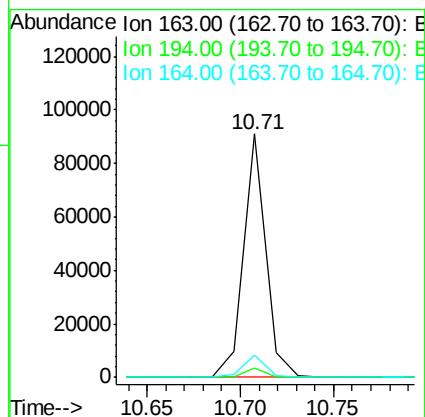
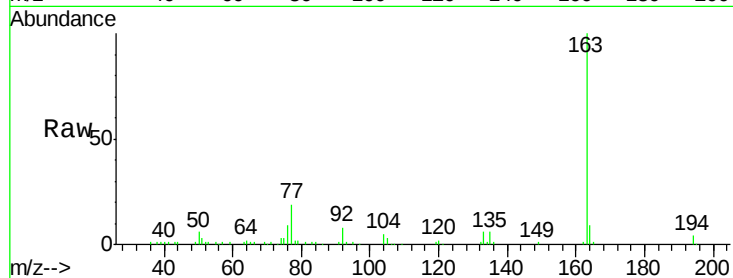




#49
Dimethylphthalate
Concen: 9.96 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079169.D
Acq: 12 May 2015 20:43

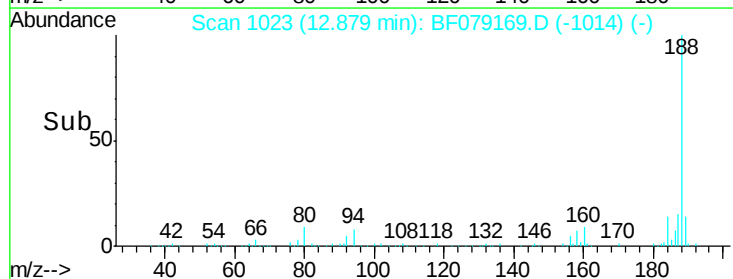
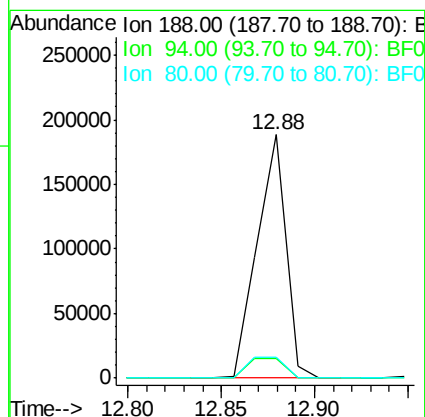
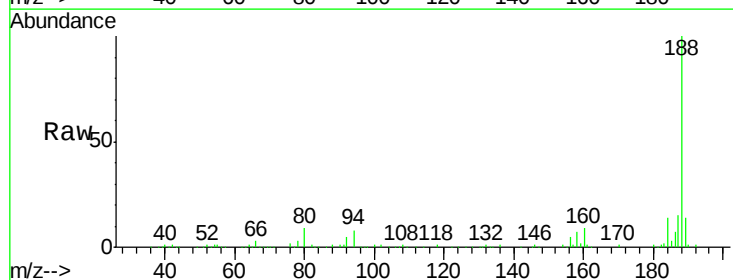
Instrument :
BNA_F
ClientSampleId :
TU021-SB-15-2.0

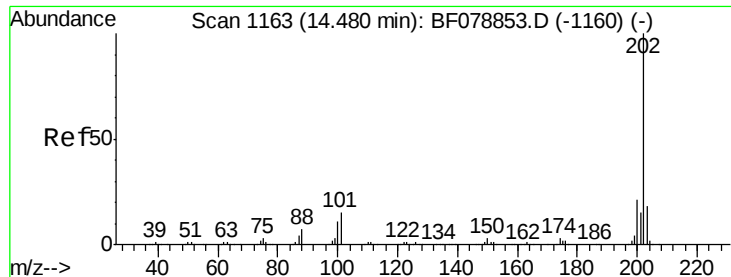
Tgt Ion:163 Resp: 76177
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.2 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF079169.D
Acq: 12 May 2015 20:43

Tgt Ion:188 Resp: 201146
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 8.8 8.9 13.3#





#74

Fluoranthene

Concen: 2.48 ng

RT: 14.39 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF079169.D

Acq: 12 May 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TU021-SB-15-2.0

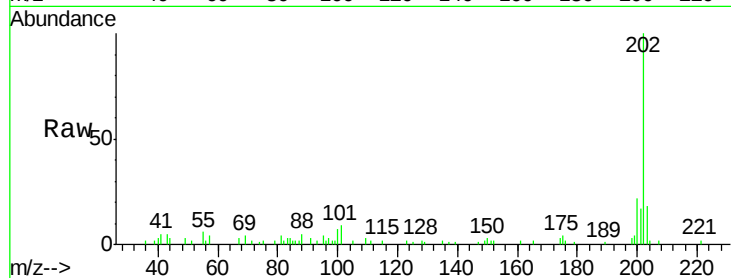
Tgt Ion:202 Resp: 29100

Ion Ratio Lower Upper

202 100

101 8.7 0.0 34.6

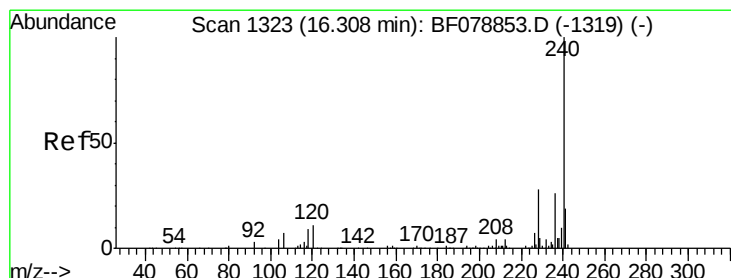
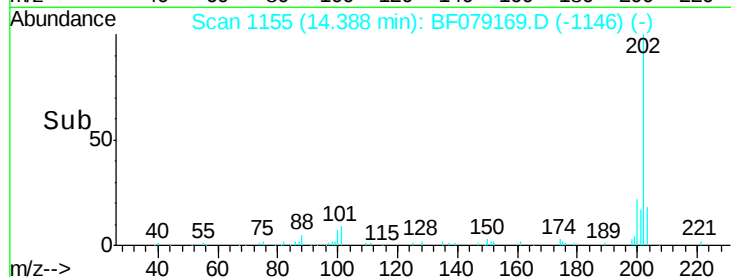
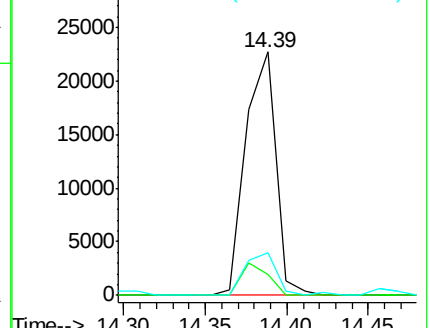
203 17.7 0.0 38.4



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: 16.18 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF079169.D

Acq: 12 May 2015 20:43

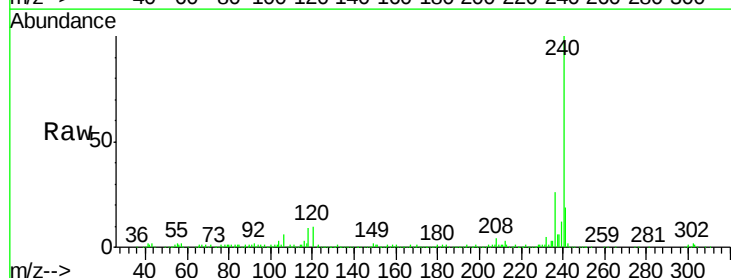
Tgt Ion:240 Resp: 215760

Ion Ratio Lower Upper

240 100

120 9.8 9.7 14.5

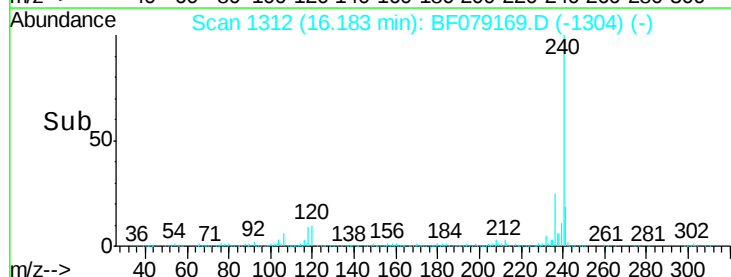
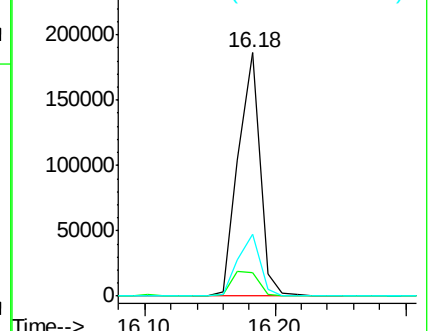
236 25.6 20.2 30.4

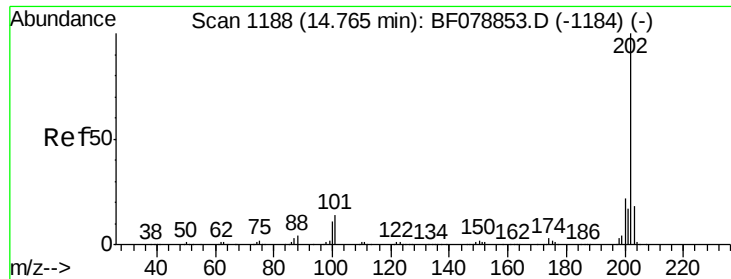


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

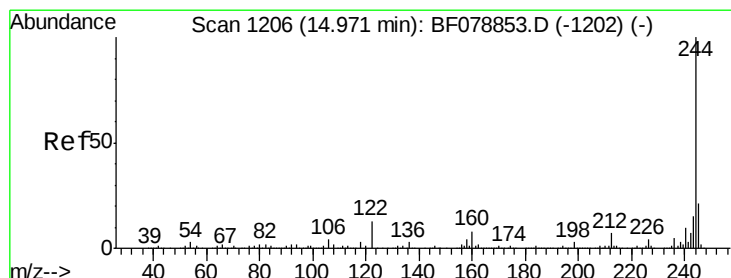
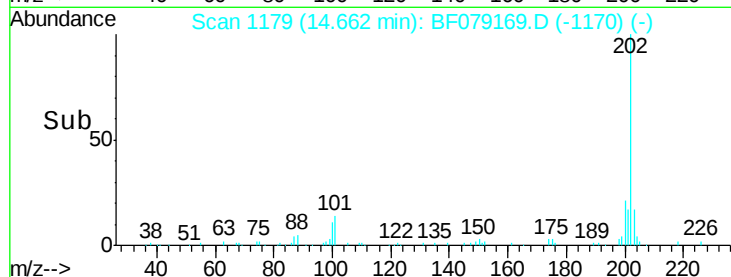
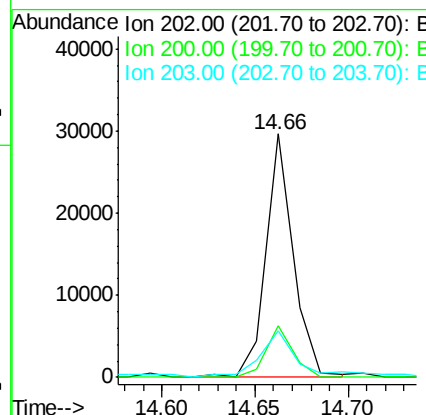
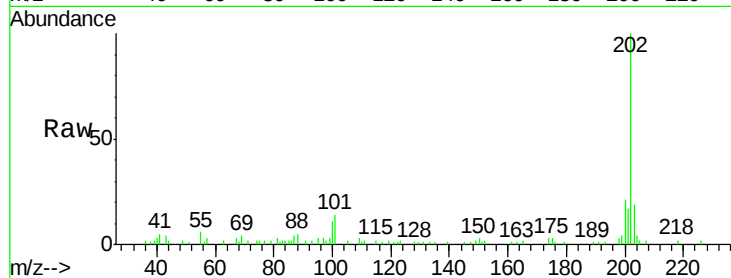




#77
 Pyrene
 Concen: 2.41 ng
 RT: 14.66 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF079169.D
 Acq: 12 May 2015 20:43

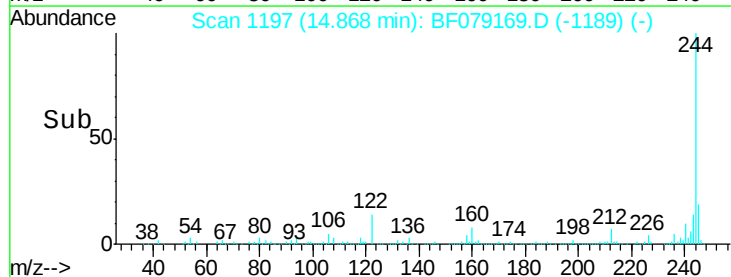
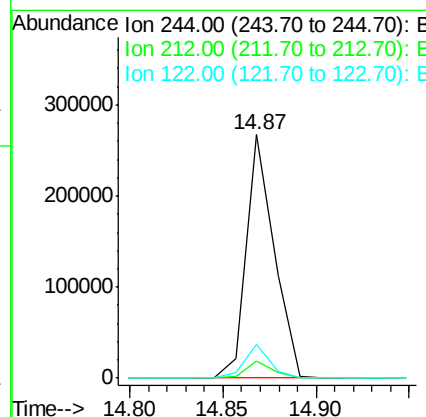
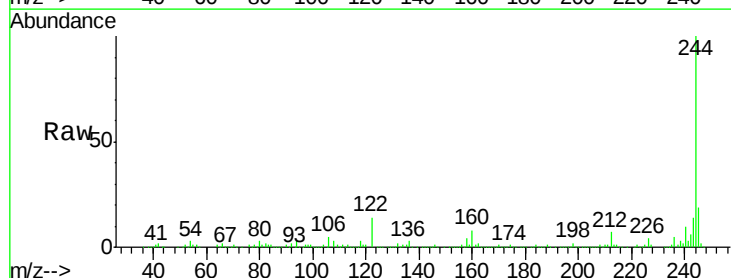
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-15-2.0

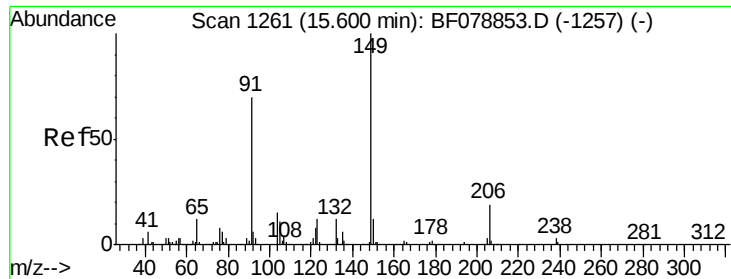
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	18.8	13.9	20.9



#78
 Terphenyl-d14
 Concen: 30.76 ng
 RT: 14.87 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF079169.D
 Acq: 12 May 2015 20:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	13.8	10.3	15.5

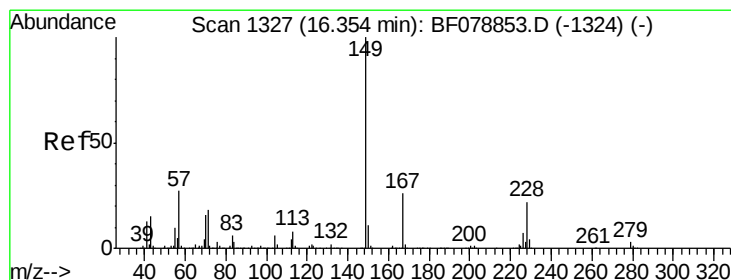
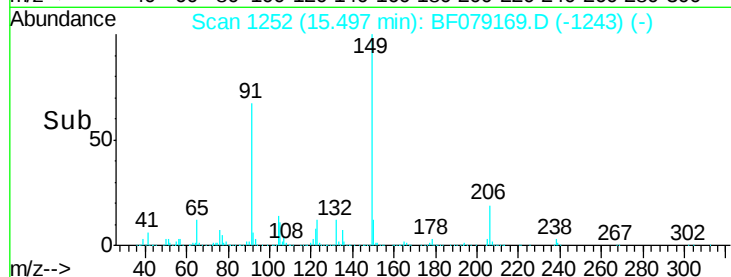
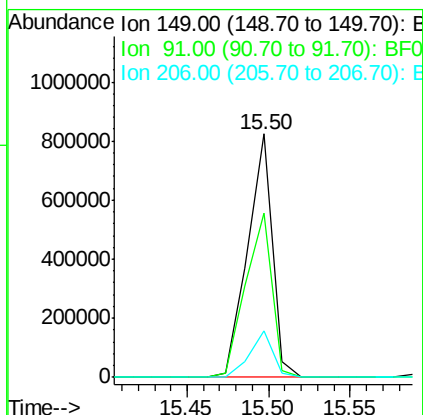
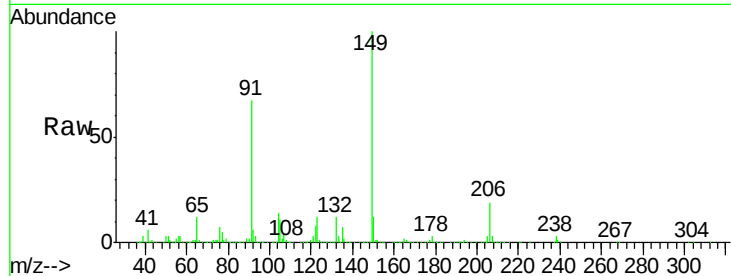




#79
Butylbenzylphthalate
Concen: 159.42 ng
RT: 15.50 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF079169.D
Acq: 12 May 2015 20:43

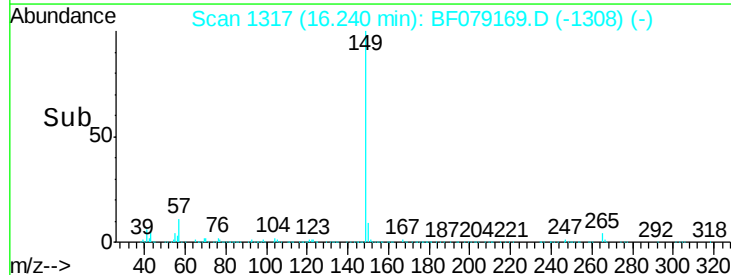
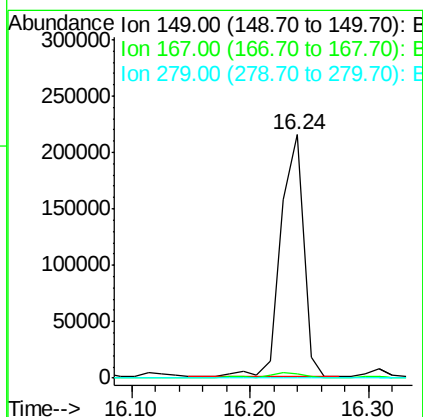
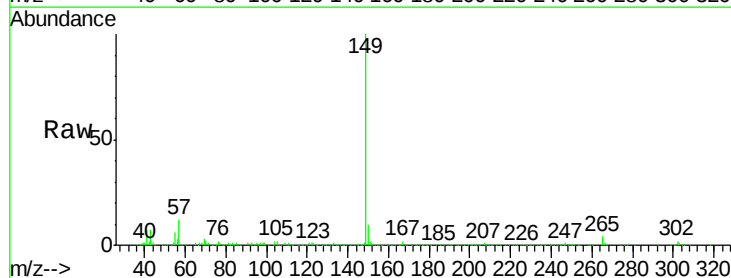
Instrument :
BNA_F
ClientSampleId :
TU021-SB-15-2.0

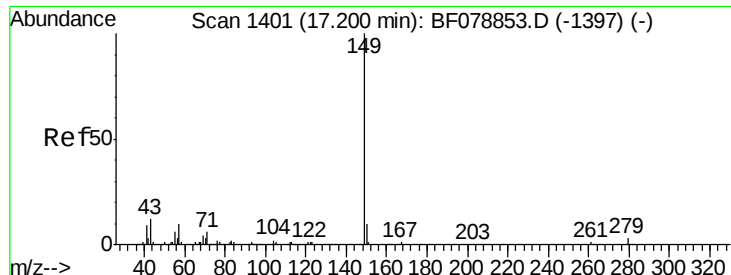
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	64.6	97.0
206	19.3	12.2	18.4#



#83
Bis(2-ethylhexyl)phthalate
Concen: 34.29 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF079169.D
Acq: 12 May 2015 20:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	21.8	32.8#
279	0.0	2.9	4.3#





#84

Di-n-octyl phthalate

Concen: 36.82 ng

RT: 17.05 min Scan# 1388

Delta R.T. -0.02 min

Lab File: BF079169.D

Acq: 12 May 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TU021-SB-15-2.0

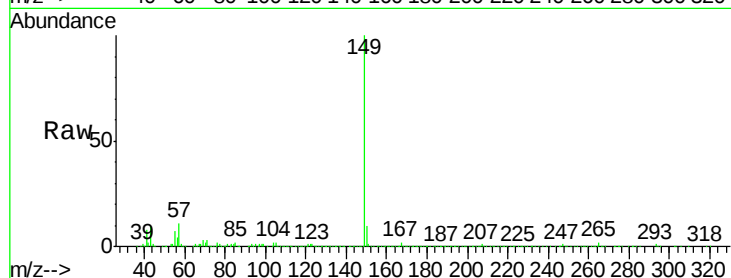
Tgt Ion:149 Resp: 533805

Ion Ratio Lower Upper

149 100

167 2.3 0.0 0.0#

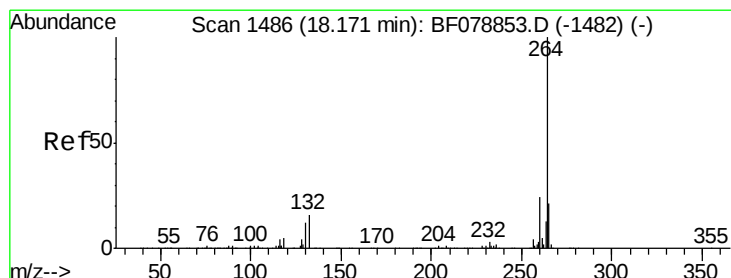
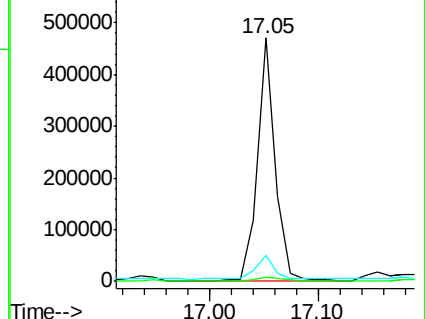
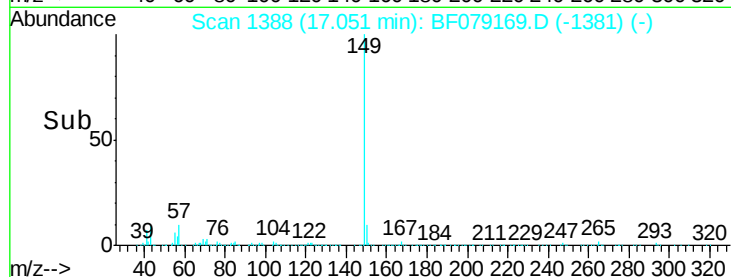
43 9.9 0.0 0.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.99 min Scan# 1470

Delta R.T. -0.03 min

Lab File: BF079169.D

Acq: 12 May 2015 20:43

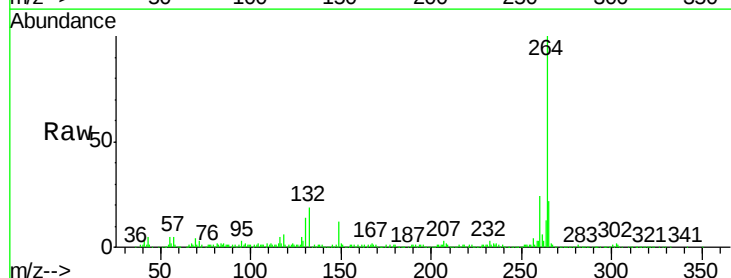
Tgt Ion:264 Resp: 227461

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

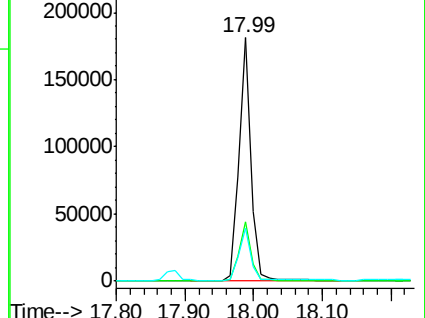
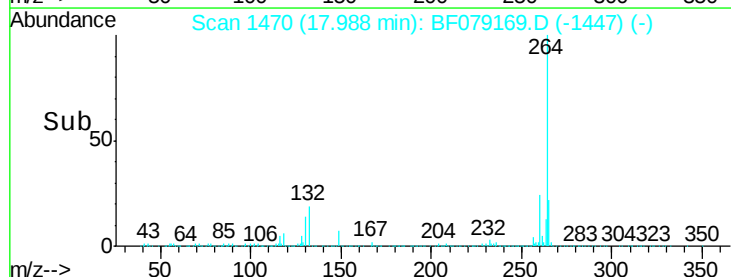
265 21.9 18.3 27.5

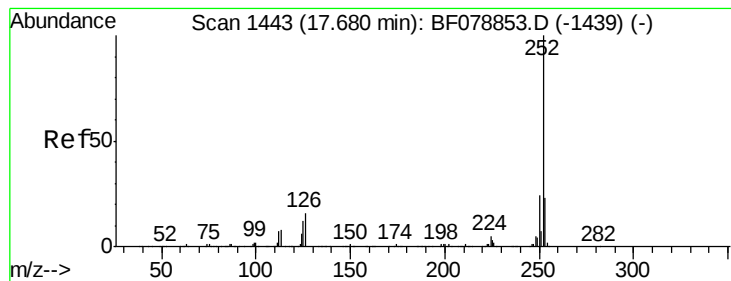


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.32 ng

RT: 17.52 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF079169.D

Acq: 12 May 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TU021-SB-15-2.0

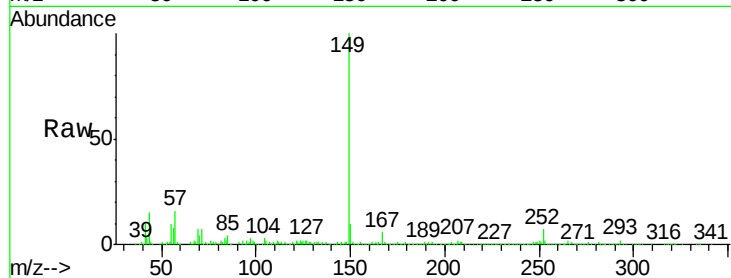
Tgt Ion:252 Resp: 28884

Ion Ratio Lower Upper

252 100

253 27.1 17.7 26.5#

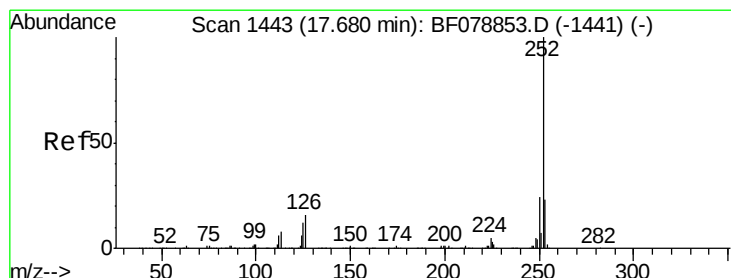
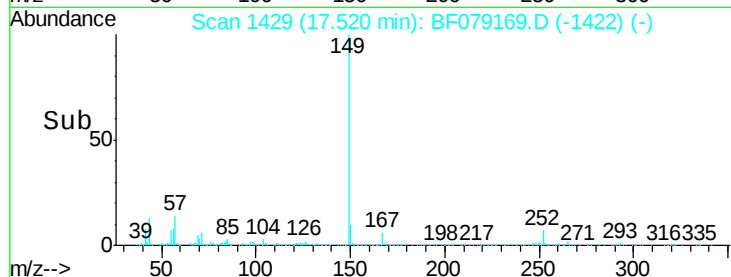
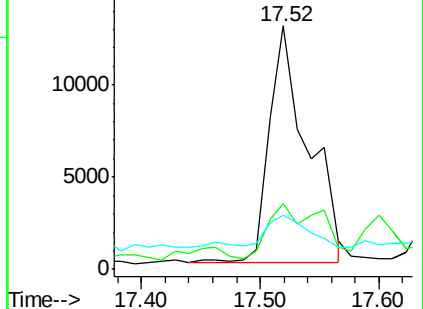
125 22.3 9.5 14.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.39 ng

RT: 17.52 min Scan# 1429

Delta R.T. -0.06 min

Lab File: BF079169.D

Acq: 12 May 2015 20:43

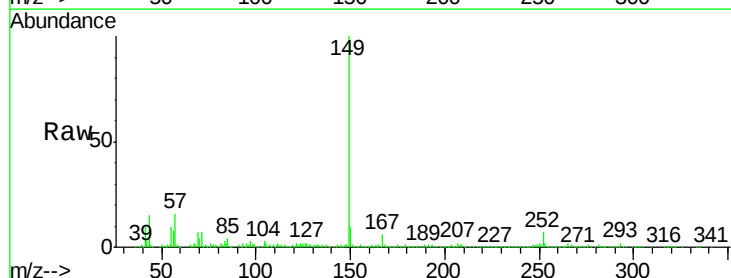
Tgt Ion:252 Resp: 28748

Ion Ratio Lower Upper

252 100

253 27.1 18.1 27.1

125 22.3 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

