

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078710.D
 Acq On : 22 Apr 2015 7:09
 Operator : TP/IZ
 Sample : G1949-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-09

Quant Time: Apr 22 07:50:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 07:20:56 2015
 Response via : Initial Calibration

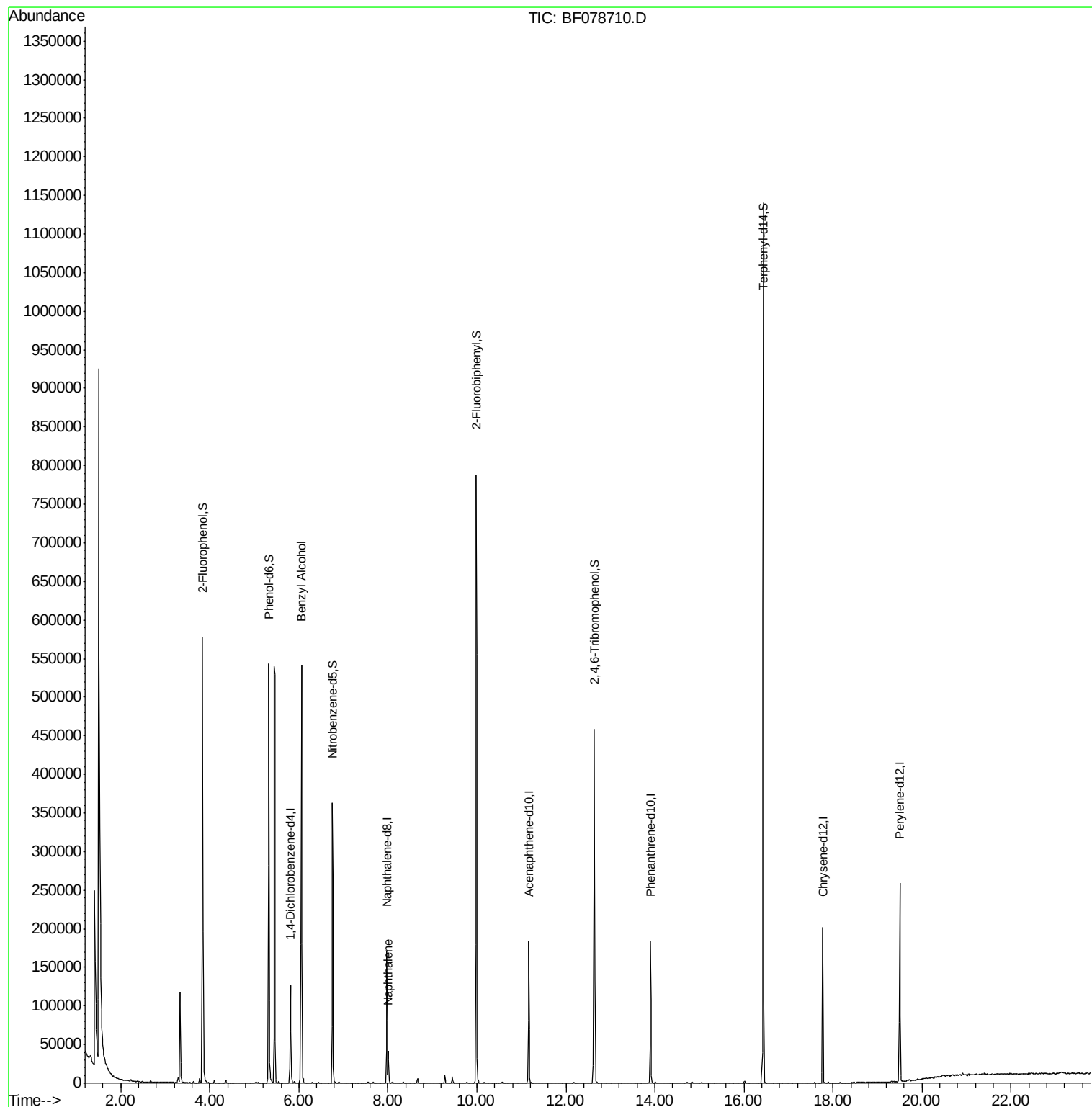
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	27191	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	109534	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	54384	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	104261	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	112481	20.00	ng	0.00
86) Perylene-d12	19.50	264	114598	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	214117	129.83	ng	0.00
7) Phenol-d6	5.32	99	255989	123.86	ng	0.00
23) Nitrobenzene-d5	6.75	82	175449	97.09	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	75613	167.64	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	384994	101.19	ng	-0.01
78) Terphenyl-d14	16.43	244	471051	94.63	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.06	79	3115	2.14	ng	Qvalue # 56
31) Naphthalene	8.01	128	29945	5.25	ng	99

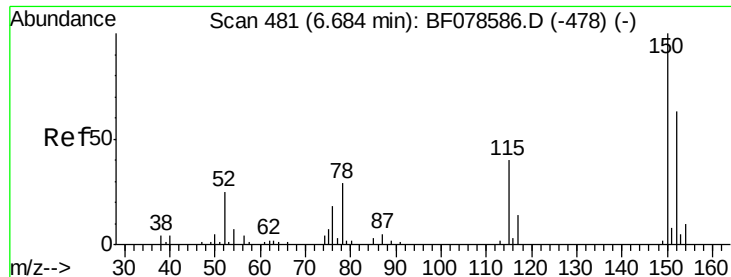
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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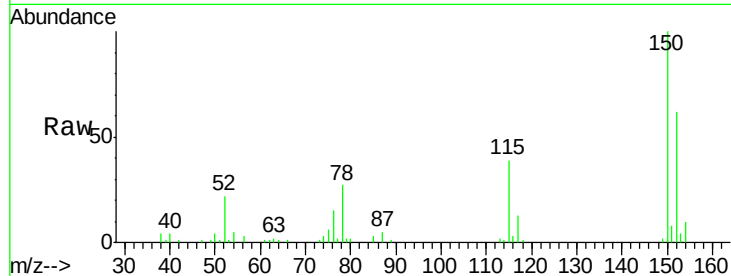


#1

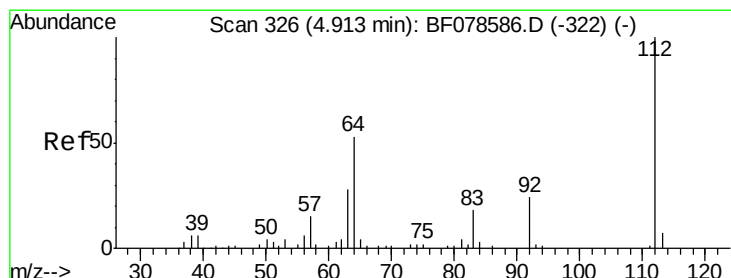
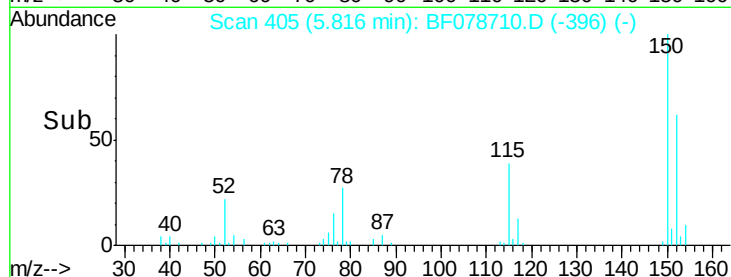
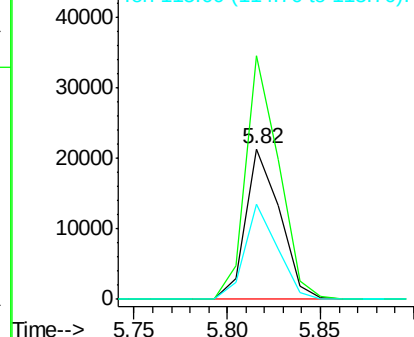
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078710.D
Acq: 22 Apr 2015 7:09

Instrument :
BNA_F
ClientSampleId :
TEC-09

Tgt Ion:152 Resp: 27191
Ion Ratio Lower Upper
152 100
150 162.1 125.9 188.9
115 63.8 52.7 79.1



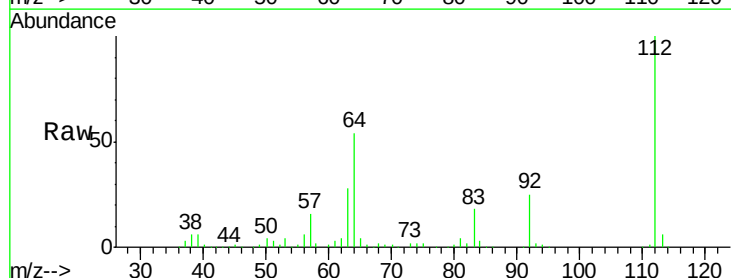
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



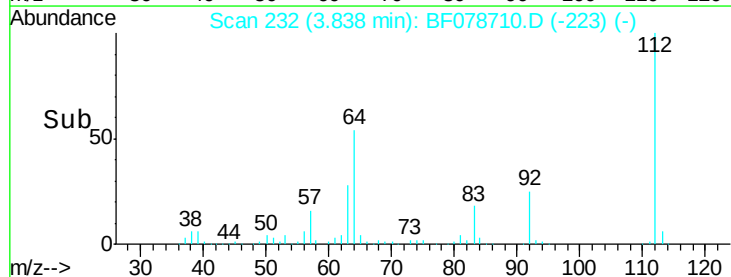
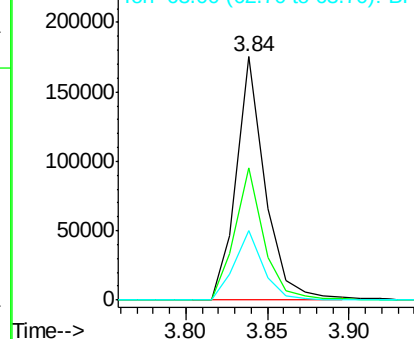
#5

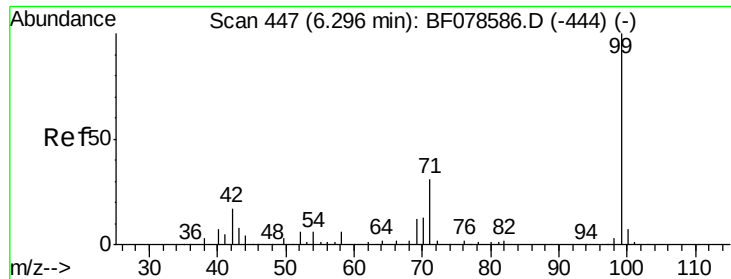
2-Fluorophenol
Concen: 129.83 ng
RT: 3.84 min Scan# 232
Delta R.T. -0.00 min
Lab File: BF078710.D
Acq: 22 Apr 2015 7:09

Tgt Ion:112 Resp: 214117
Ion Ratio Lower Upper
112 100
64 54.4 39.9 59.9
63 28.4 20.2 30.4



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: 123.86 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078710.D

Acq: 22 Apr 2015 7:09

Instrument :

BNA_F

ClientSampleId :

TEC-09

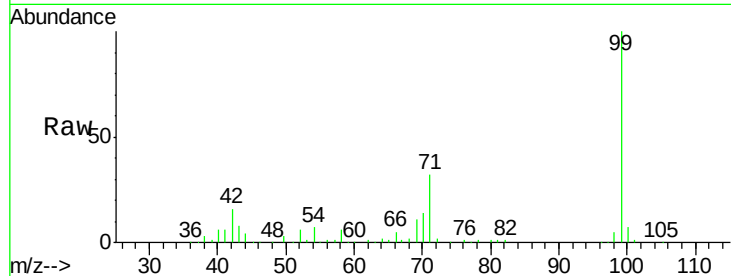
Tgt Ion: 99 Resp: 255989

Ion Ratio Lower Upper

99 100

42 16.0 14.8 22.2

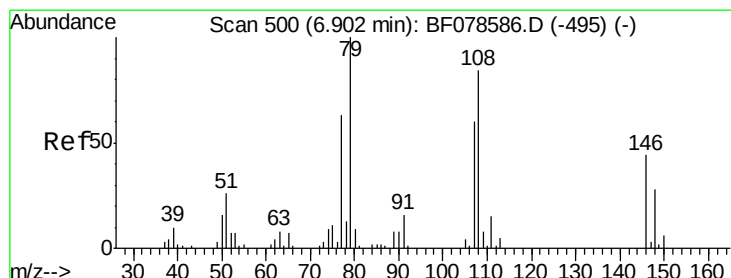
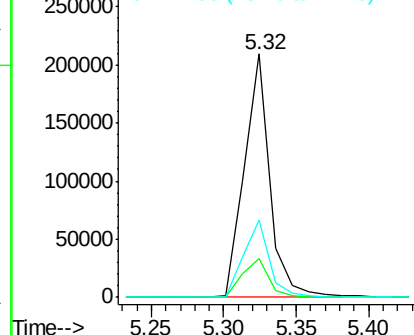
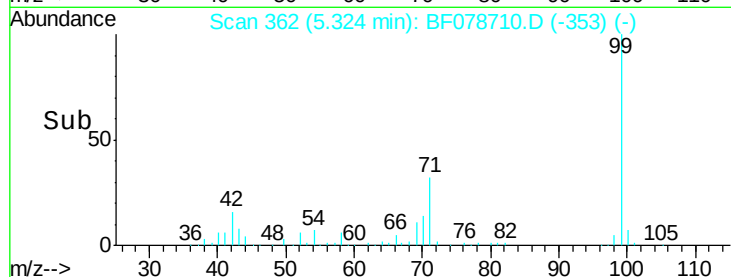
71 31.6 26.6 39.8



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



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.06 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF078710.D

Acq: 22 Apr 2015 7:09

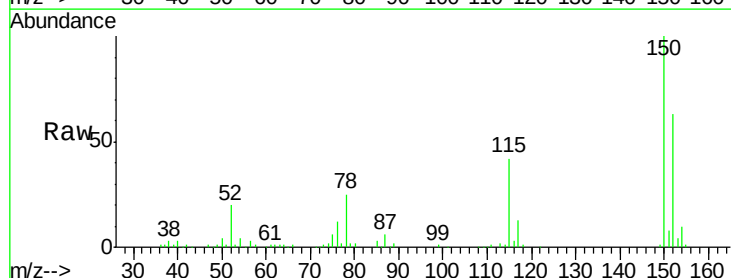
Tgt Ion: 79 Resp: 3115

Ion Ratio Lower Upper

79 100

108 24.4 57.6 86.4#

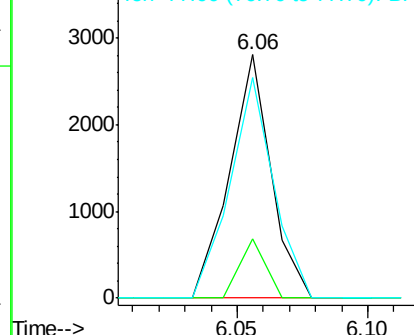
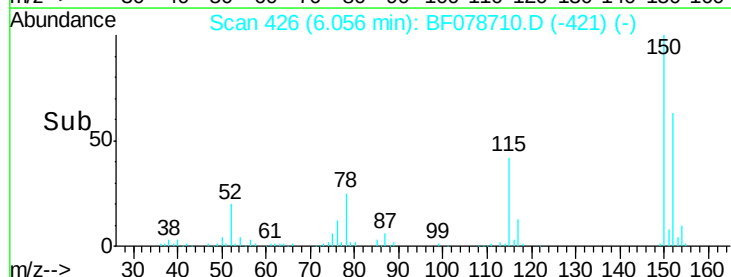
77 90.5 53.5 80.3#

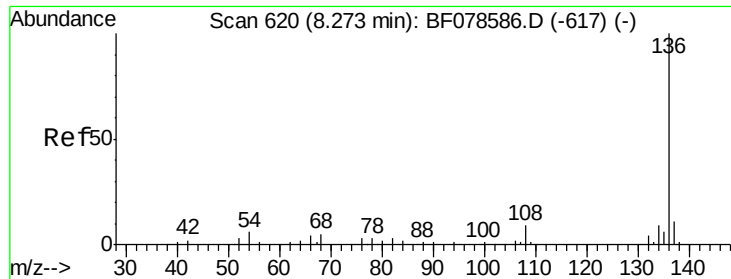


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

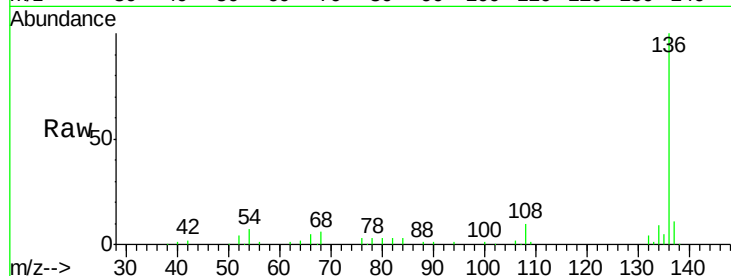




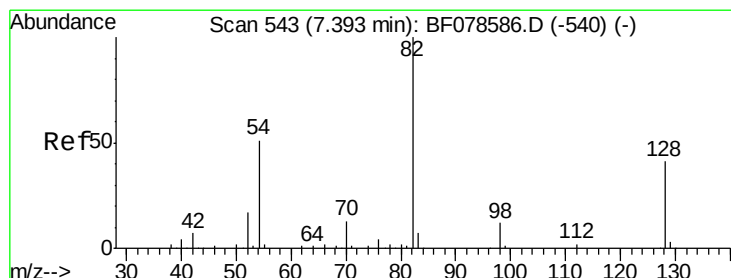
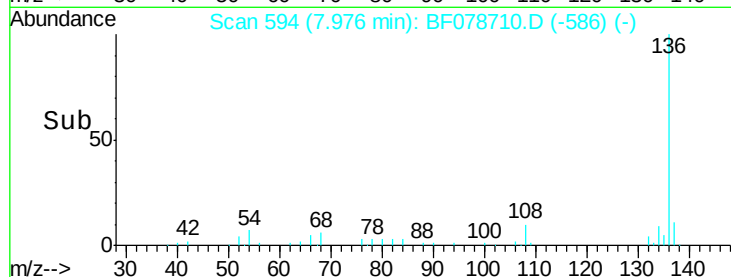
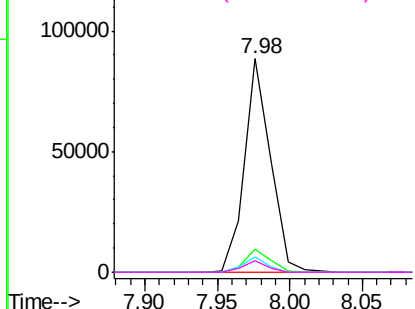
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078710.D
Acq: 22 Apr 2015 7:09

Instrument :
BNA_F
ClientSampleId :
TEC-09

Tgt Ion:	136	Resp:	109534
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.4	7.0	10.6
68	5.7	5.4	8.2

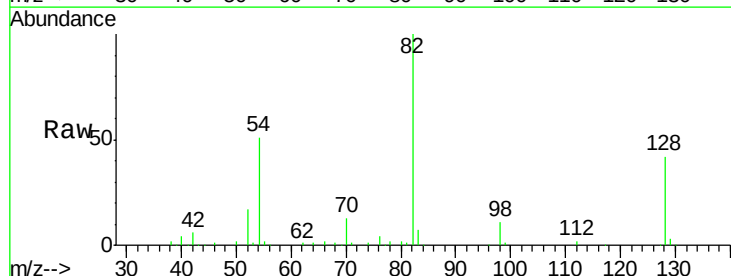


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

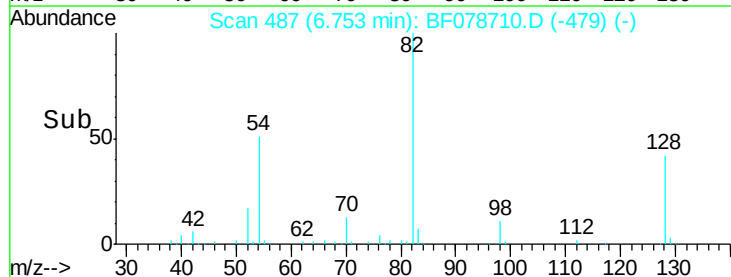
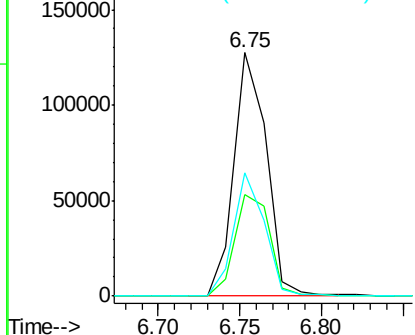


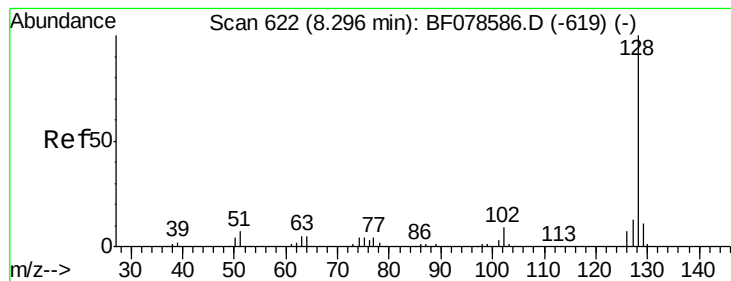
#23
Nitrobenzene-d5
Concen: 97.09 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF078710.D
Acq: 22 Apr 2015 7:09

Tgt Ion:	82	Resp:	175449
Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.8	47.8
54	50.8	41.5	62.3



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





#31

Naphthalene

Concen: 5.25 ng

RT: 8.01 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078710.D

Acq: 22 Apr 2015 7:09

Instrument :

BNA_F

ClientSampled :

TEC-09

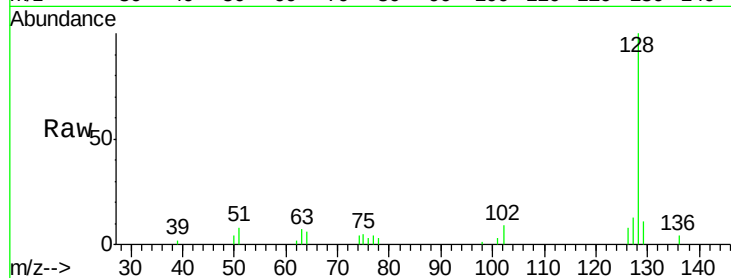
Tgt Ion:128 Resp: 29945

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

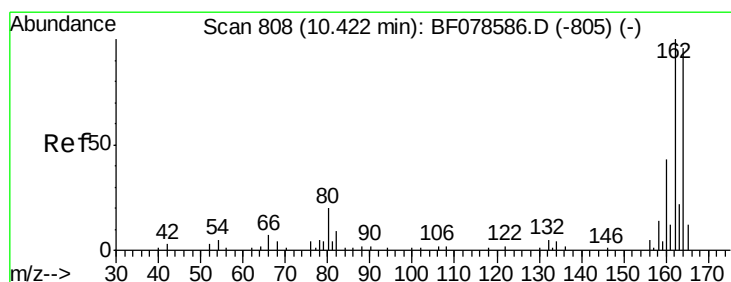
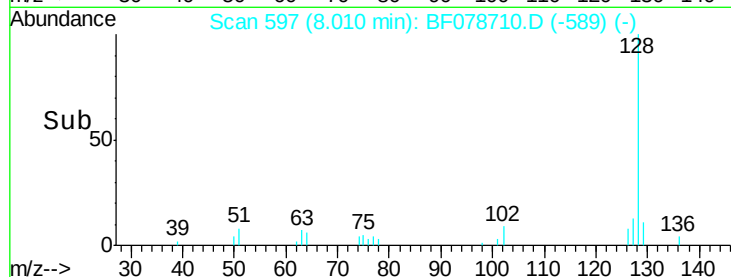
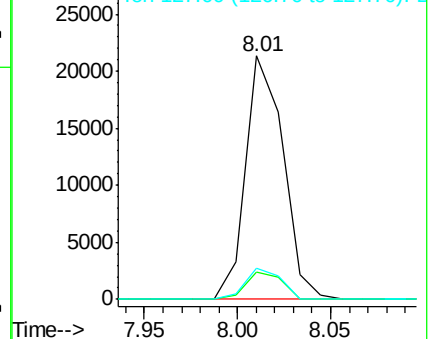
127 13.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF078710.D

Acq: 22 Apr 2015 7:09

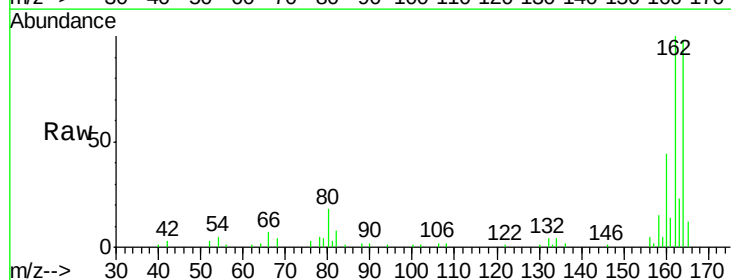
Tgt Ion:164 Resp: 54384

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.2

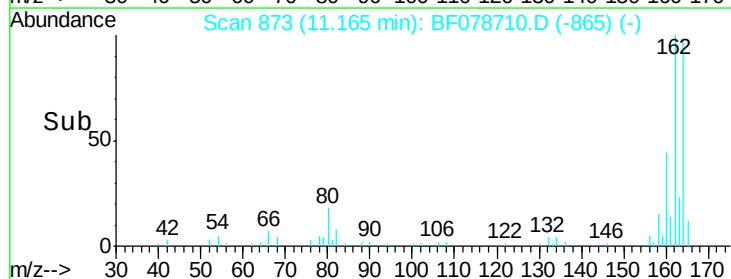
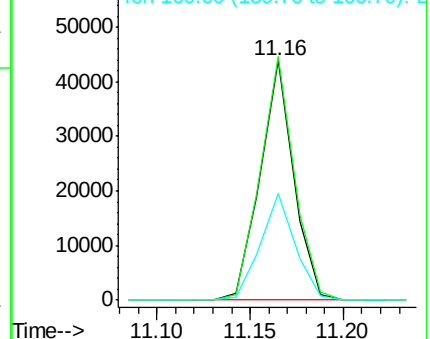
160 44.5 34.7 52.1

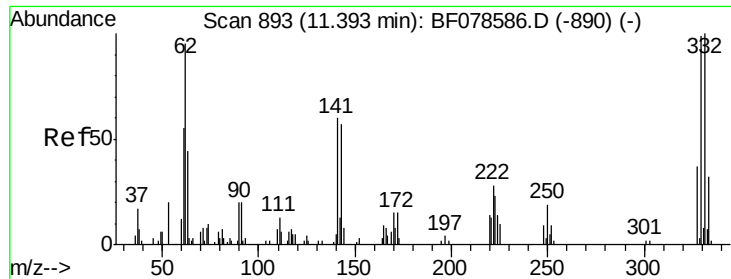


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

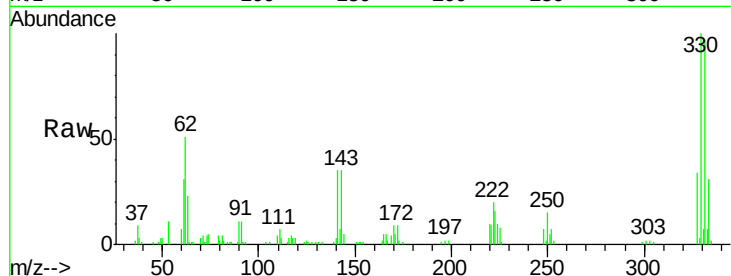




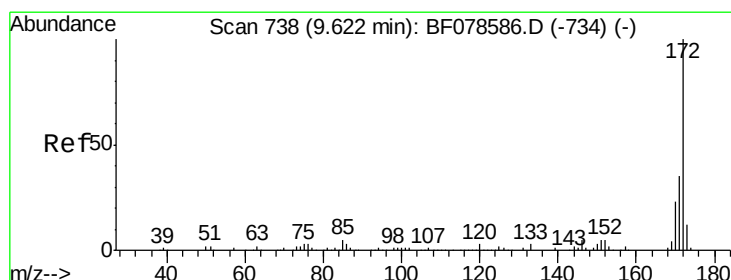
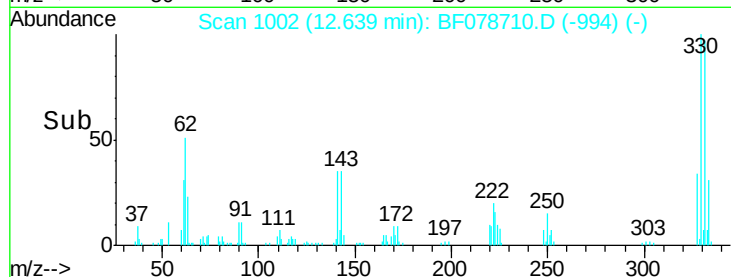
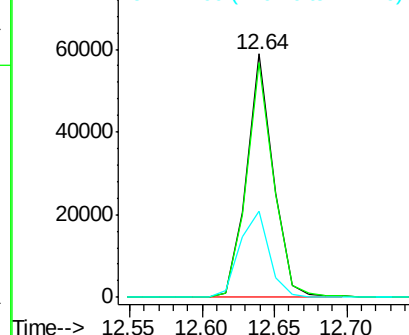
#41
 2,4,6-Tribromophenol
 Concen: 167.64 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078710.D
 Acq: 22 Apr 2015 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TEC-09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.6	117.8
141	38.6	31.2	46.8

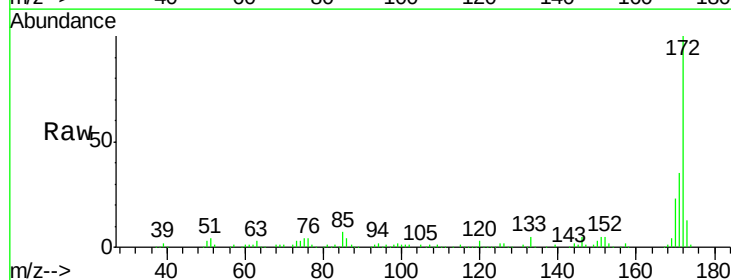


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

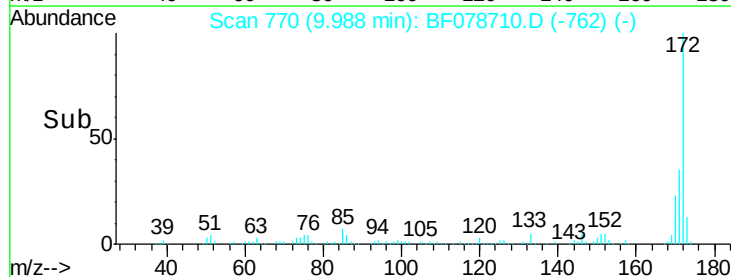
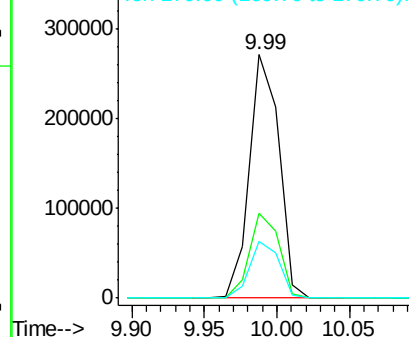


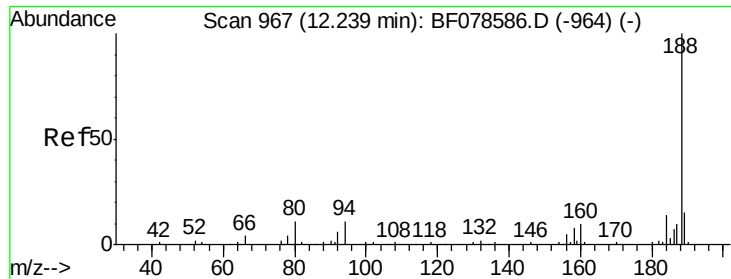
#44
 2-Fluorobiphenyl
 Concen: 101.19 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078710.D
 Acq: 22 Apr 2015 7:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.3	18.5	27.7



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

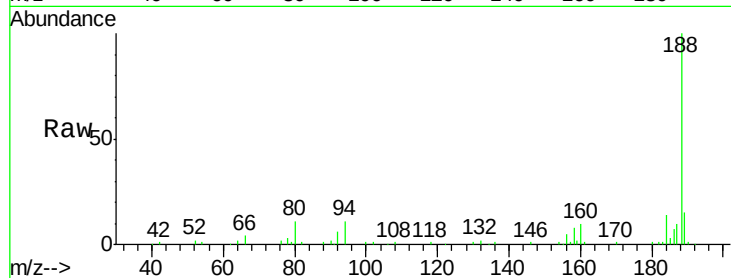




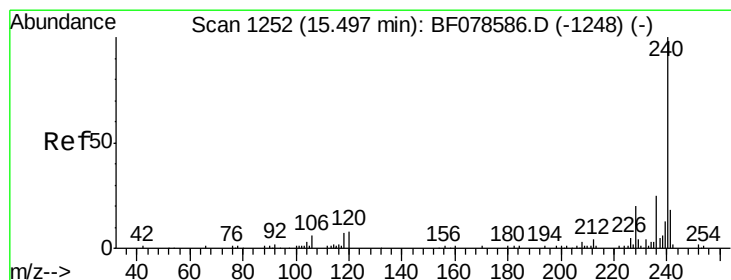
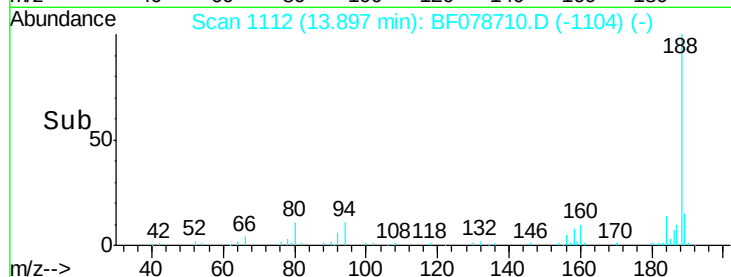
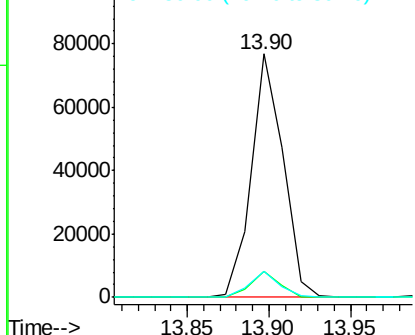
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078710.D
Acq: 22 Apr 2015 7:09

Instrument :
BNA_F
ClientSampled :
TEC-09

Tgt Ion:188 Resp: 104261
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 10.8 9.5 14.3

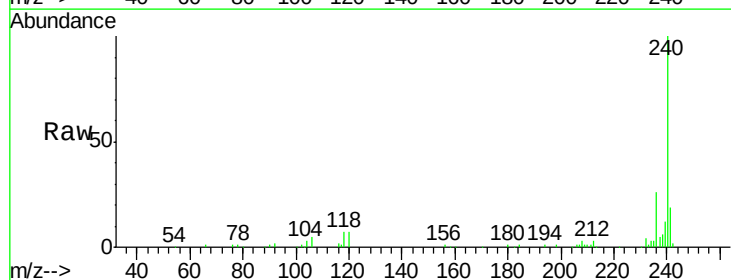


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

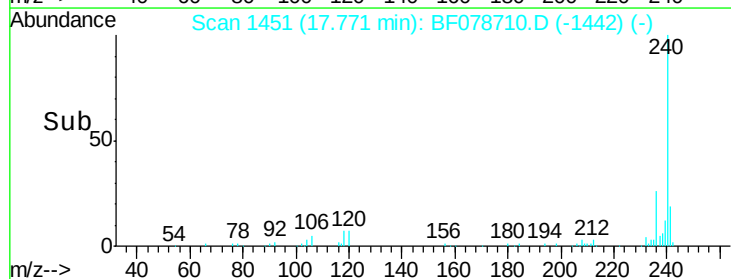
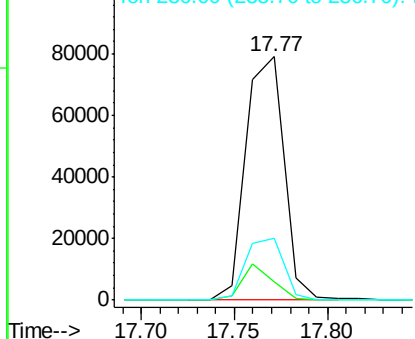


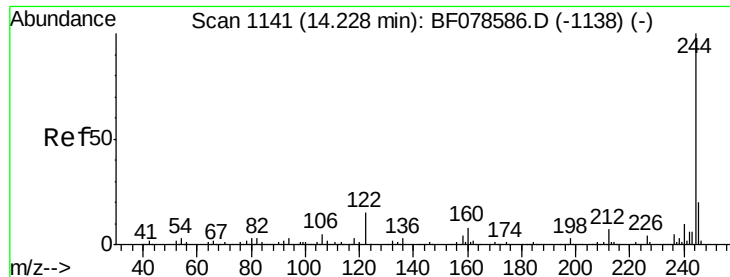
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF078710.D
Acq: 22 Apr 2015 7:09

Tgt Ion:240 Resp: 112481
Ion Ratio Lower Upper
240 100
120 7.3 7.1 10.7
236 25.6 21.4 32.2



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

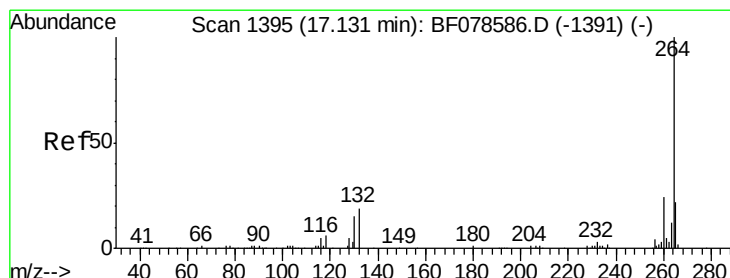
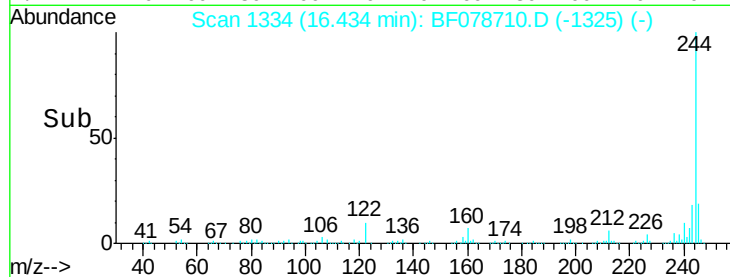
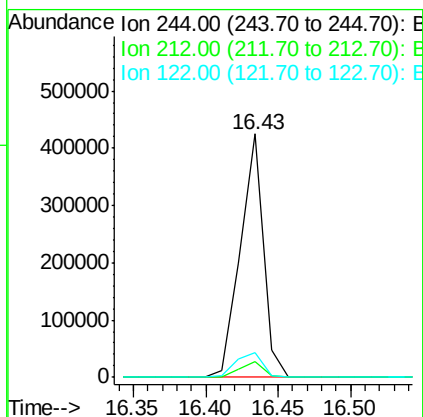
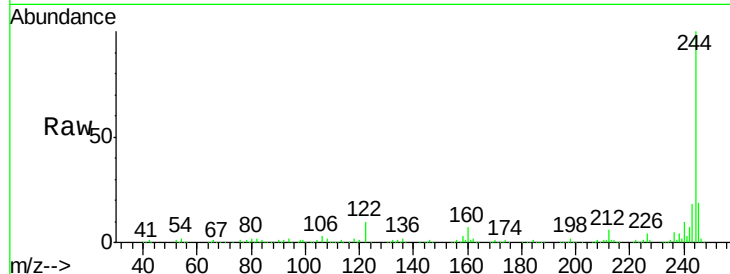




#78
 Terphenyl-d14
 Concen: 94.63 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF078710.D
 Acq: 22 Apr 2015 7:09

Instrument :
 BNA_F
 ClientSampled :
 TEC-09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	9.9	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.50 min Scan# 1602
 Delta R.T. 0.05 min
 Lab File: BF078710.D
 Acq: 22 Apr 2015 7:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.2	17.0	25.6

