

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
 Data File : BF079322.D
 Acq On : 19 May 2015 00:07
 Operator : TP/IZ
 Sample : G2270-04 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17

Quant Time: May 19 01:42:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 01:26:54 2015
 Response via : Initial Calibration

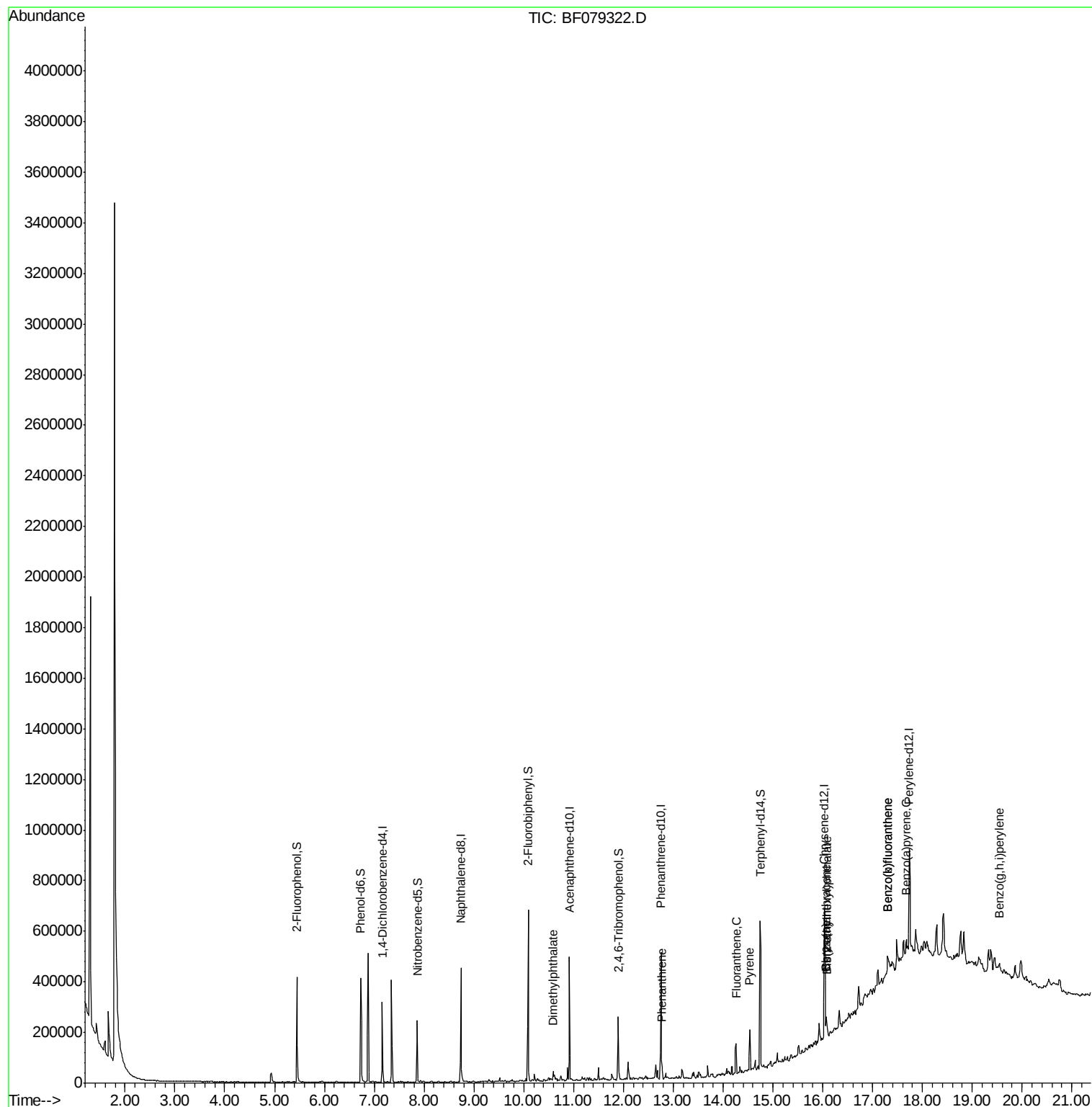
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	47381	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	195474	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	95386	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	185335	20.00	ng	0.00
75) Chrysene-d12	16.03	240	196976	20.00	ng	-0.02
86) Perylene-d12	17.74	264	200007	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	125856	45.72	ng	0.00
7) Phenol-d6	6.73	99	178052	48.94	ng	-0.01
23) Nitrobenzene-d5	7.86	82	100243	29.47	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	38489	37.30	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	225268	32.90	ng	0.00
78) Terphenyl-d14	14.74	244	262154	31.86	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.59	163	14408	2.06	ng	98
70) Phenanthrene	12.78	178	24649	2.38	ng	100
74) Fluoranthene	14.26	202	68767	6.36	ng	92
77) Pyrene	14.54	202	70864	6.24	ng	99
80) Benzo(a)anthracene	16.07	228	33331	3.09	ng	91
82) Chrysene	16.07	228	32841	3.17	ng	95
83) Bis(2-ethylhexyl)phthalate	16.08	149	22394	2.98	ng	99
87) Benzo(b)fluoranthene	17.30	252	60553	5.53	ng	# 85
88) Benzo(k)fluoranthene	17.30	252	60553	5.71	ng	# 81
89) Benzo(a)pyrene	17.68	252	32677	3.24	ng	# 86
91) Benzo(g,h,i)perylene	19.54	276	24049	2.24	ng	# 85

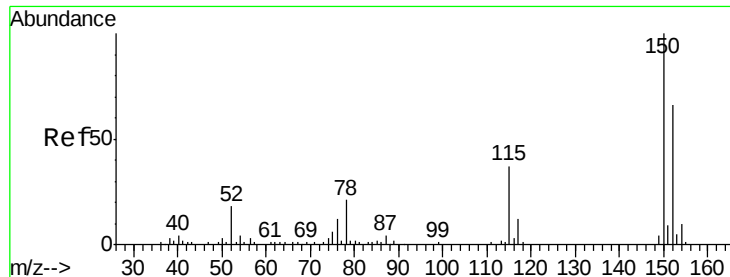
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-17

Quant Time: May 19 01:42:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 01:26:54 2015
Response via : Initial Calibration

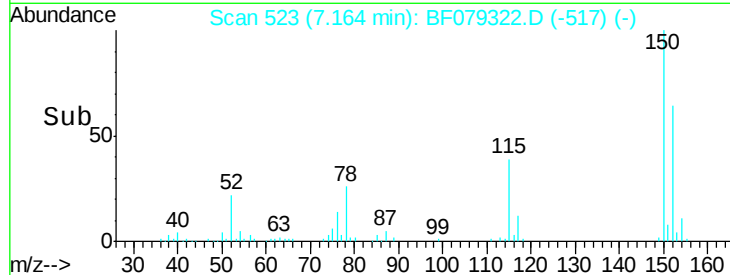
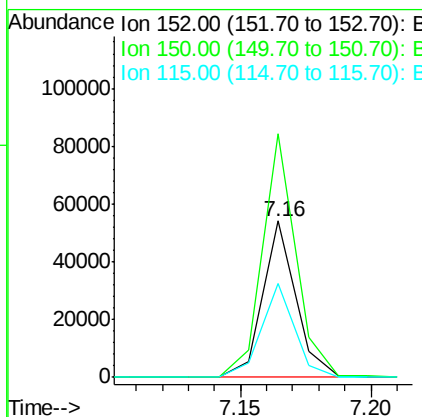
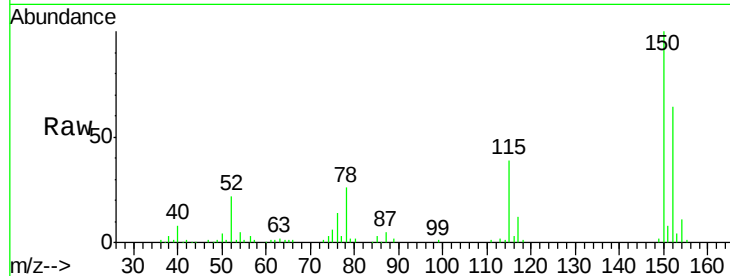




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF079322.D
 Acq: 19 May 2015 00:07

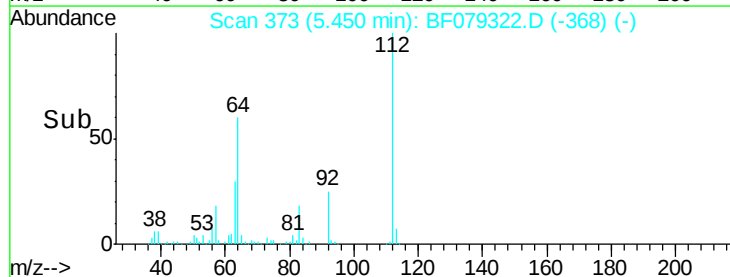
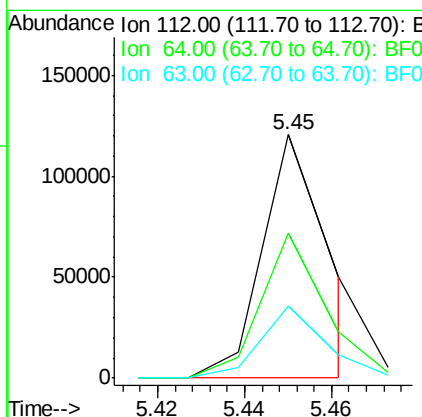
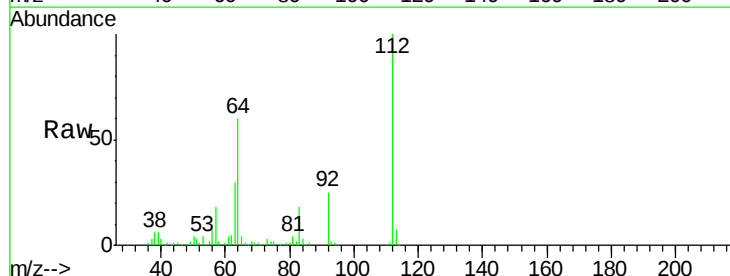
Instrument :
 BNA_F
 ClientSampleId :
 SB-17

Tgt Ion:152 Resp: 47381
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.8 185.8
 115 60.4 49.4 74.0



#5
 2-Fluorophenol
 Concen: 45.72 ng
 RT: 5.45 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: BF079322.D
 Acq: 19 May 2015 00:07

Tgt Ion:112 Resp: 125856
 Ion Ratio Lower Upper
 112 100
 64 59.8 44.2 66.2
 63 29.8 22.7 34.1





#7

Phenol-d6

Concen: 48.94 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

Instrument :

BNA_F

ClientSampleId :

SB-17

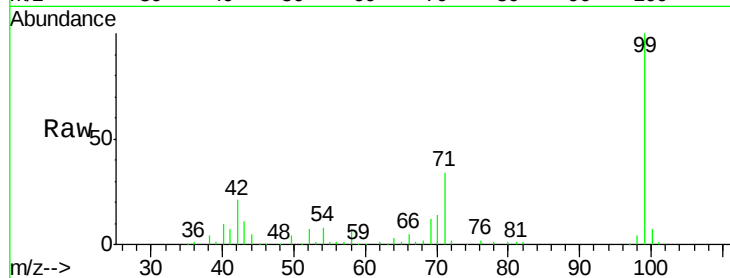
Tgt Ion: 99 Resp: 178052

Ion Ratio Lower Upper

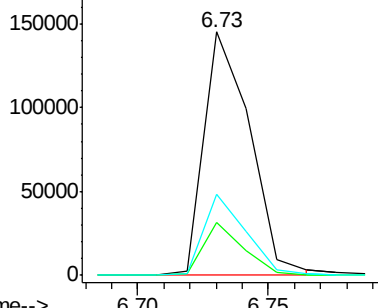
99 100

42 21.5 17.1 25.7

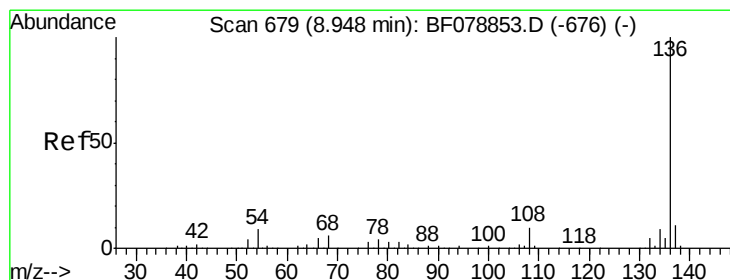
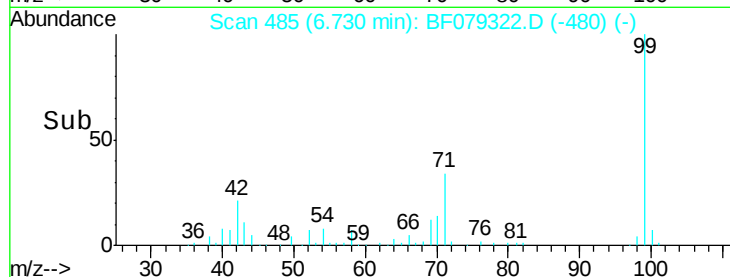
71 33.5 26.3 39.5



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

Tgt Ion: 136 Resp: 195474

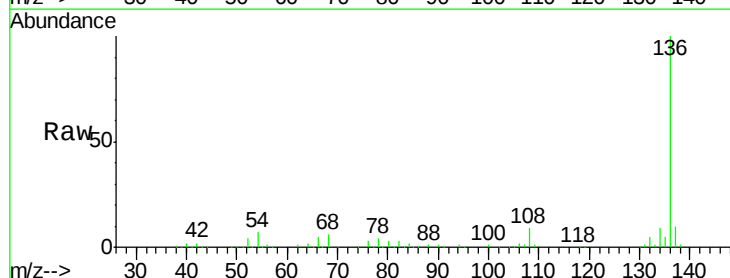
Ion Ratio Lower Upper

136 100

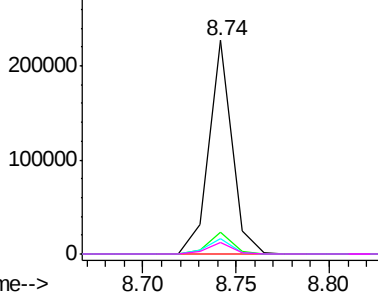
137 10.3 8.8 13.2

54 7.2 6.9 10.3

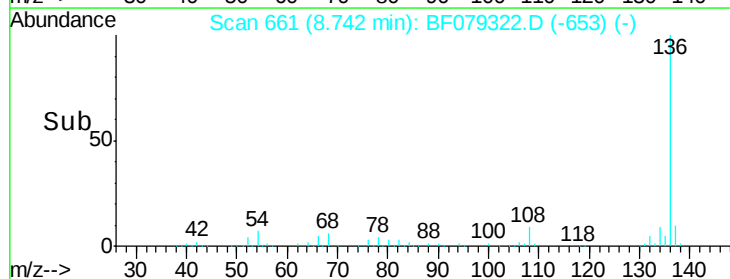
68 5.6 4.9 7.3



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



Time-->

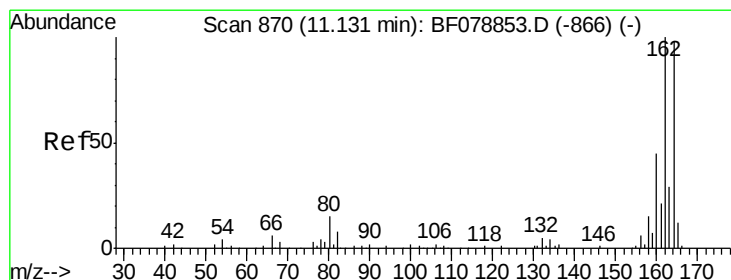
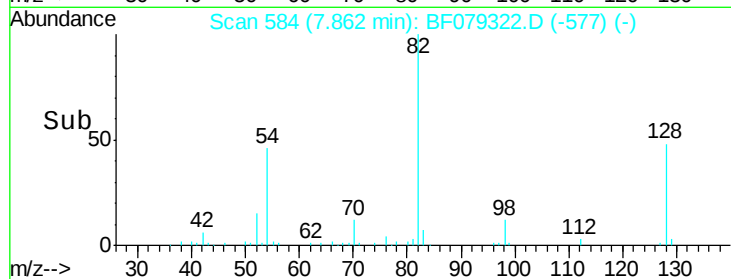
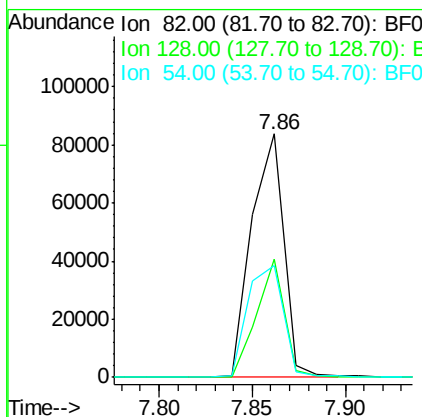
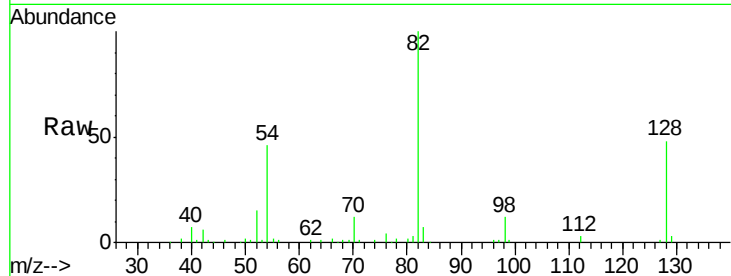




#23
 Nitrobenzene-d5
 Concen: 29.47 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF079322.D
 Acq: 19 May 2015 00:07

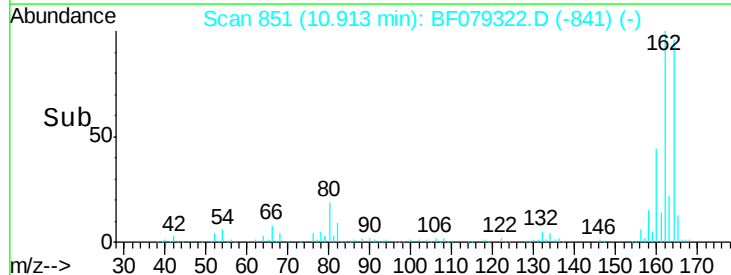
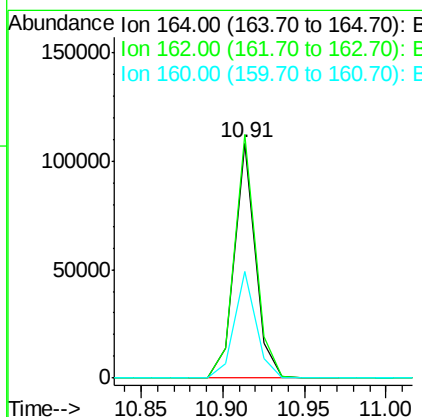
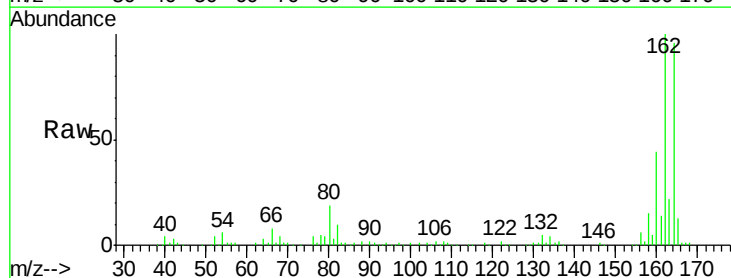
Instrument :
 BNA_F
 ClientSampleId :
 SB-17

Tgt Ion: 82 Resp: 100243
 Ion Ratio Lower Upper
 82 100
 128 48.5 29.7 44.5#
 54 46.1 46.2 69.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF079322.D
 Acq: 19 May 2015 00:07

Tgt Ion: 164 Resp: 95386
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.4 122.0
 160 45.7 36.6 54.8

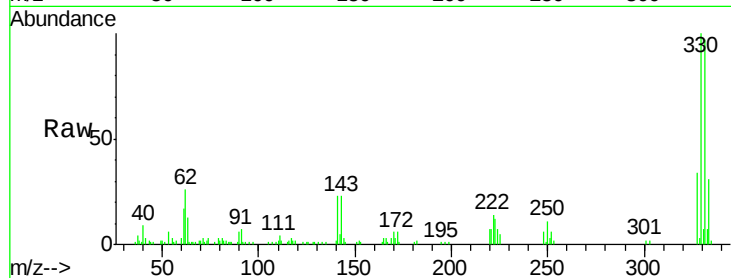




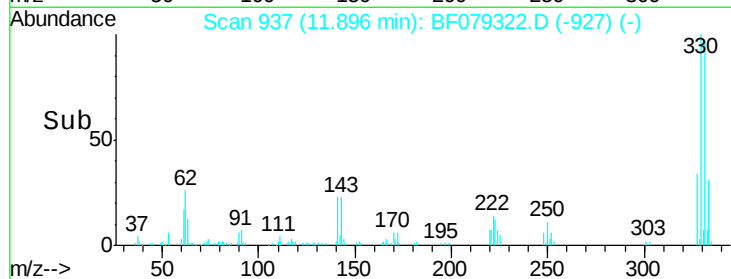
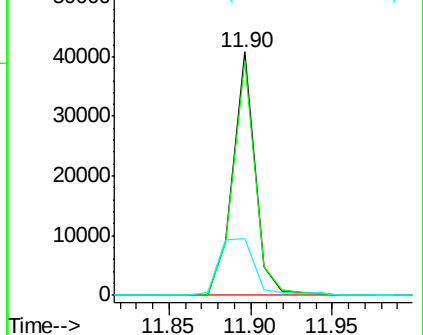
#41
 2,4,6-Tribromophenol
 Concen: 37.30 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF079322.D
 Acq: 19 May 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-17

Tgt Ion:330 Resp: 38489
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 37.9 27.8 41.8

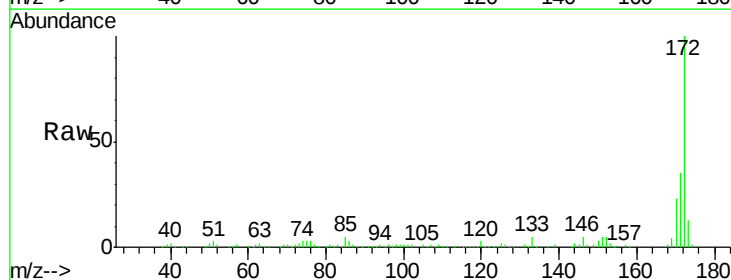


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

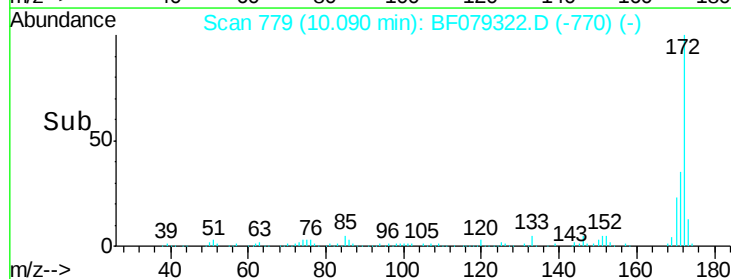
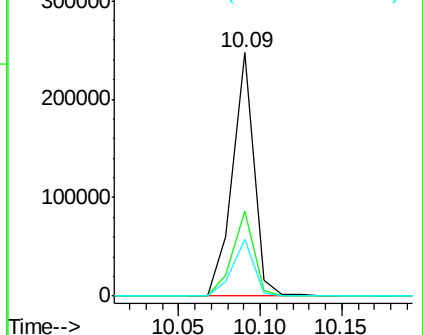


#44
 2-Fluorobiphenyl
 Concen: 32.90 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF079322.D
 Acq: 19 May 2015 00:07

Tgt Ion:172 Resp: 225268
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.5 19.4 29.2



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

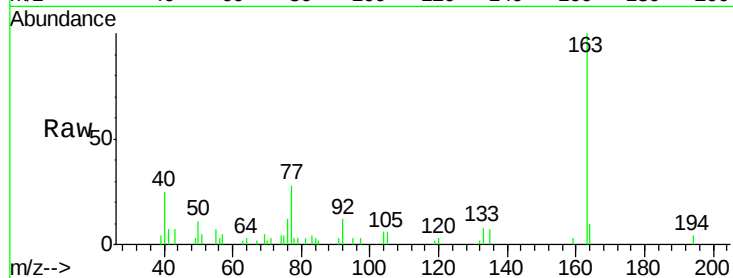




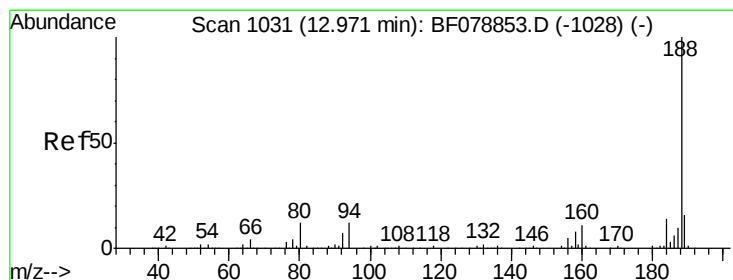
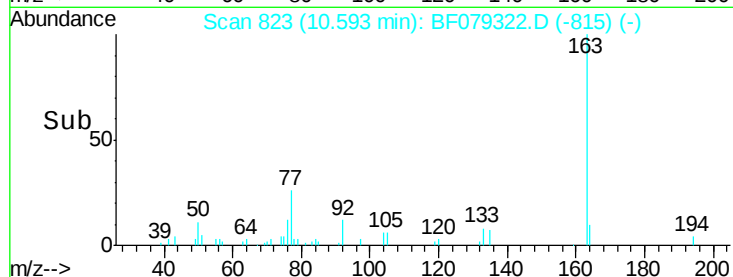
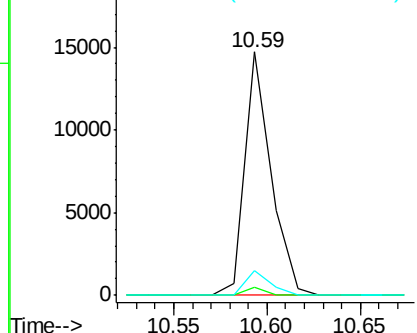
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:163 Resp: 14408
Ion Ratio Lower Upper
163 100
194 3.5 2.4 3.6
164 10.0 8.6 12.8

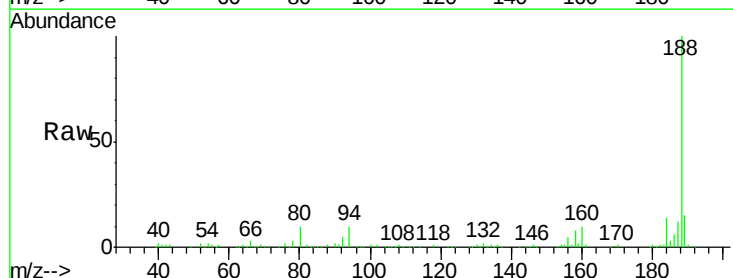


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

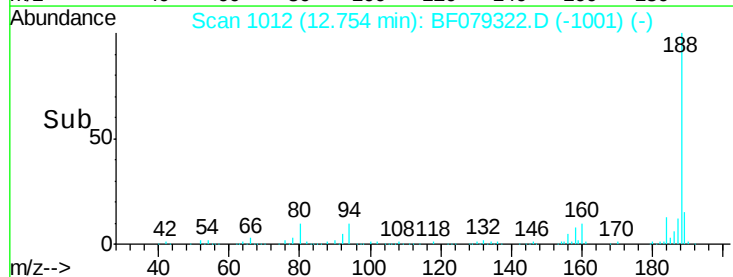
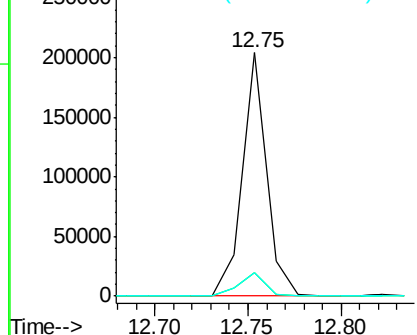


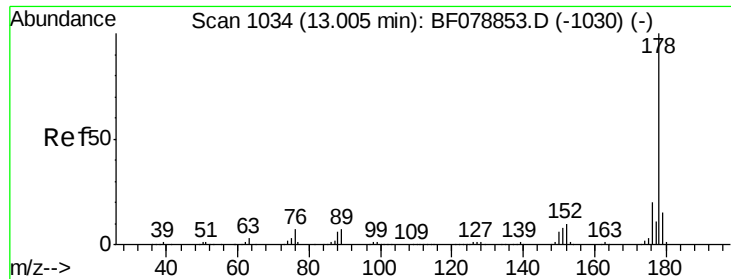
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:188 Resp: 185335
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.0
80 9.8 9.8 14.6



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

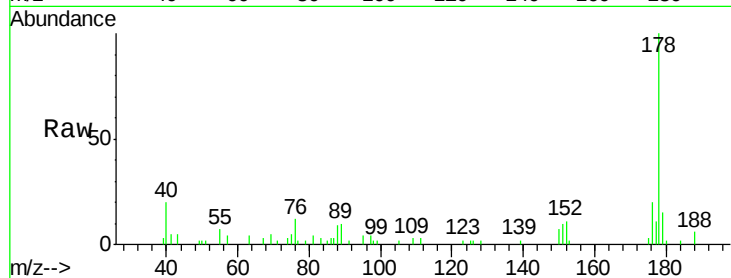




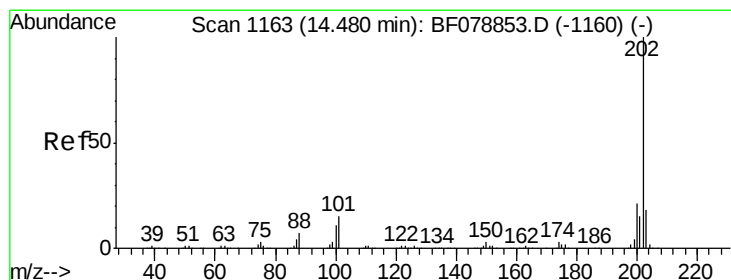
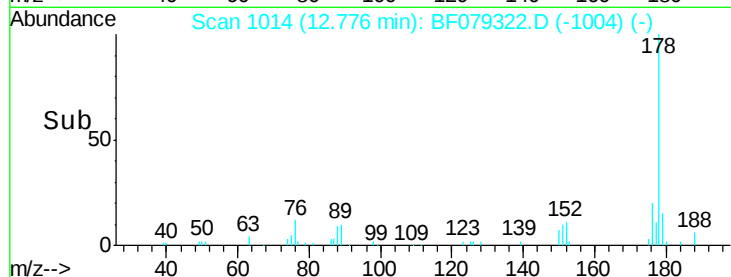
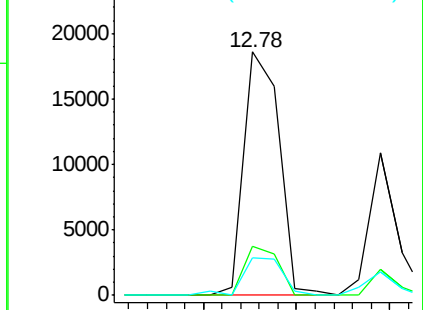
#70
Phenanthrene
Concen: 2.38 ng
RT: 12.78 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:178 Resp: 24649
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.3 12.2 18.4

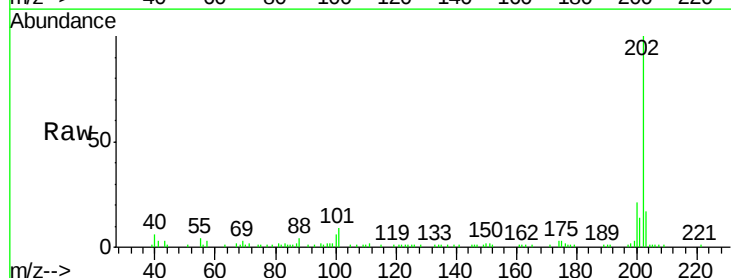


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

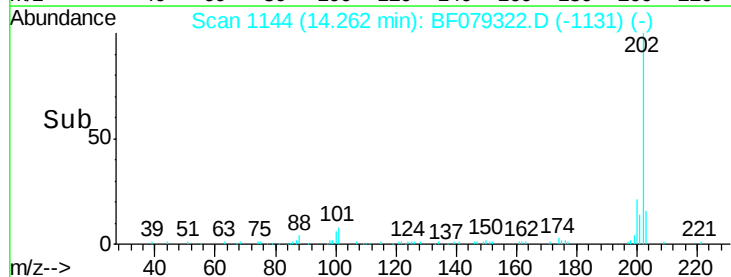
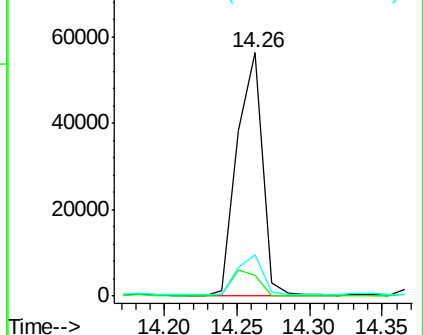


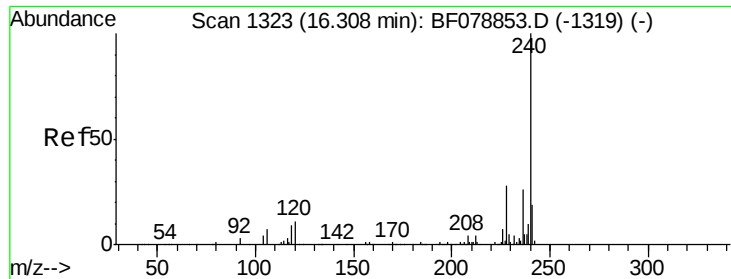
#74
Fluoranthene
Concen: 6.36 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:202 Resp: 68767
Ion Ratio Lower Upper
202 100
101 8.8 0.0 34.7
203 17.0 0.0 37.9



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: 16.03 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

Instrument :

BNA_F

ClientSampleId :

SB-17

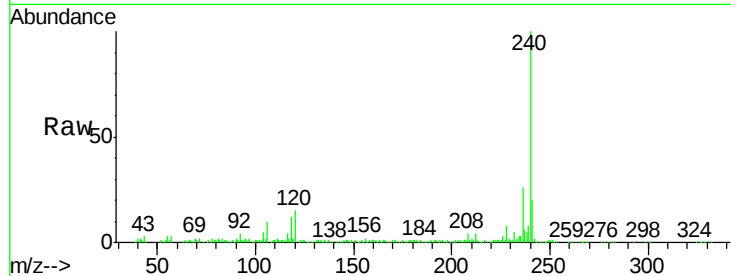
Tgt Ion:240 Resp: 196976

Ion Ratio Lower Upper

240 100

120 15.0 8.6 12.8#

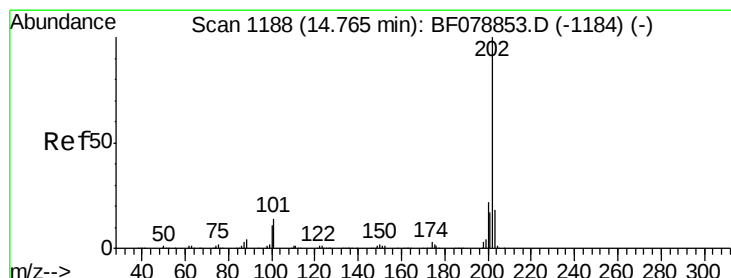
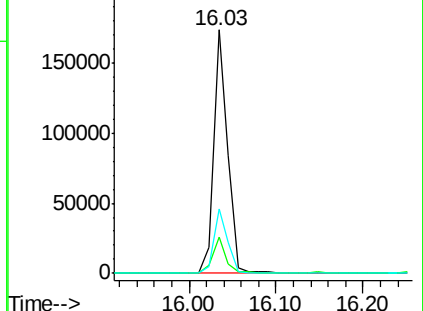
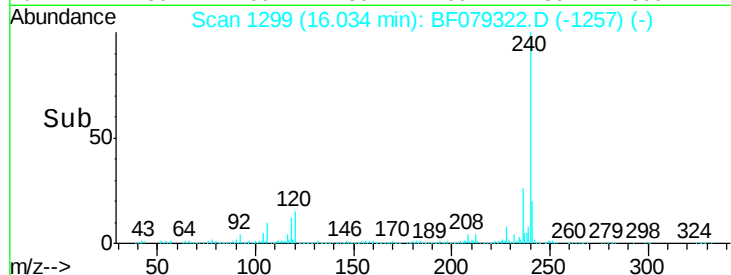
236 26.3 21.0 31.6



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: 6.24 ng

RT: 14.54 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

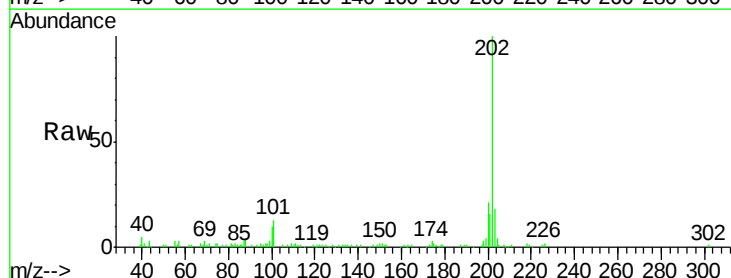
Tgt Ion:202 Resp: 70864

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

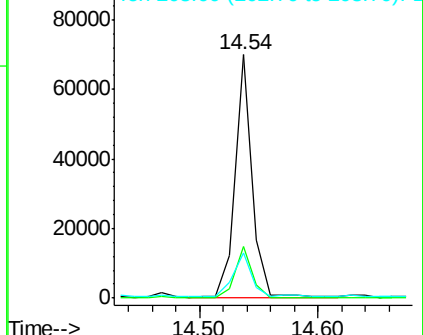
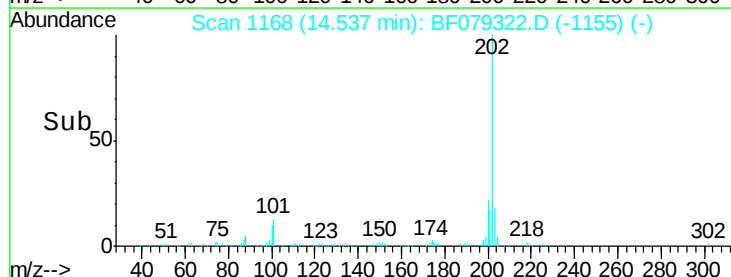
203 18.4 14.7 22.1

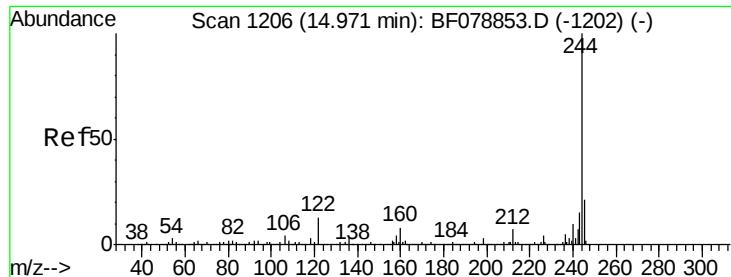


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 31.86 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

Instrument :

BNA_F

ClientSampled :

SB-17

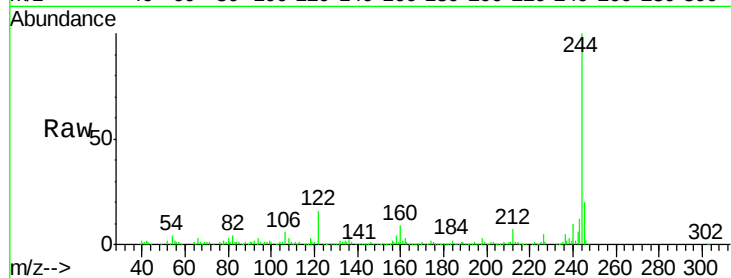
Tgt Ion:244 Resp: 262154

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

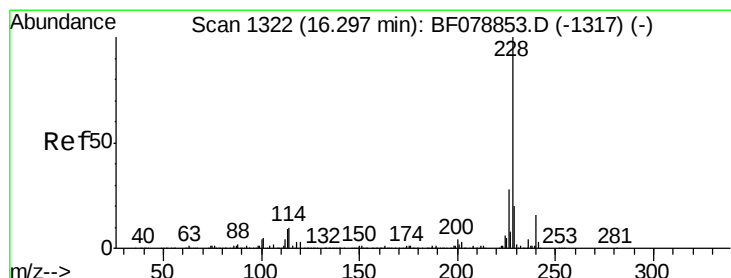
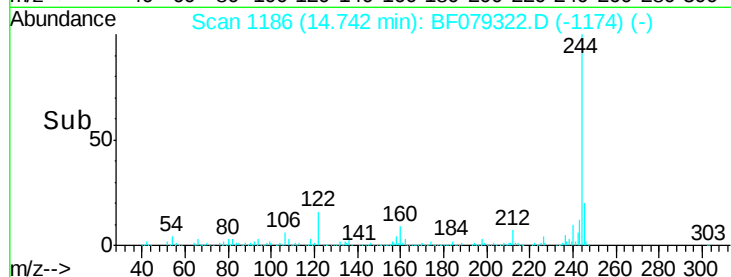
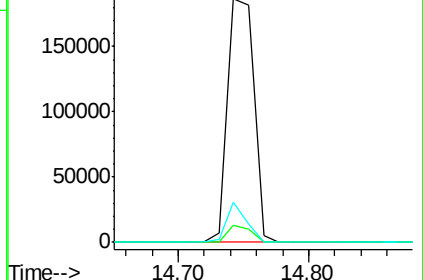
122 16.2 10.5 15.7#



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



#80

Benzo(a)anthracene

Concen: 3.09 ng

RT: 16.07 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

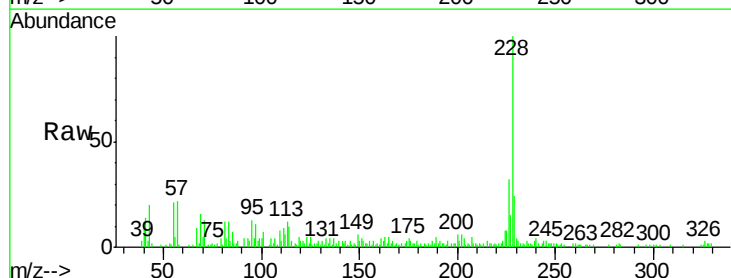
Tgt Ion:228 Resp: 33331

Ion Ratio Lower Upper

228 100

226 32.4 22.3 33.5

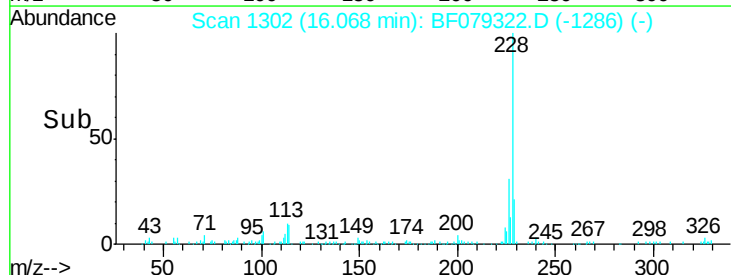
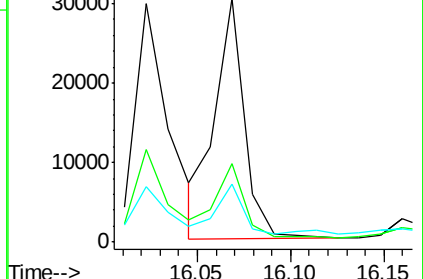
229 24.0 16.1 24.1

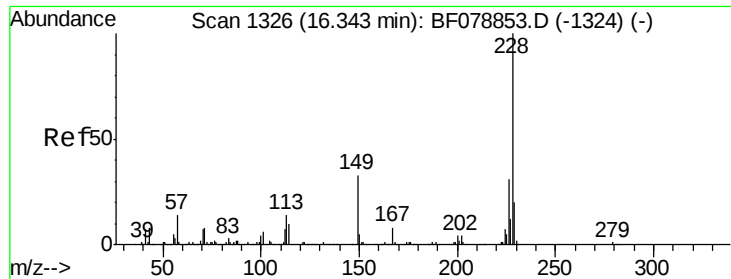


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

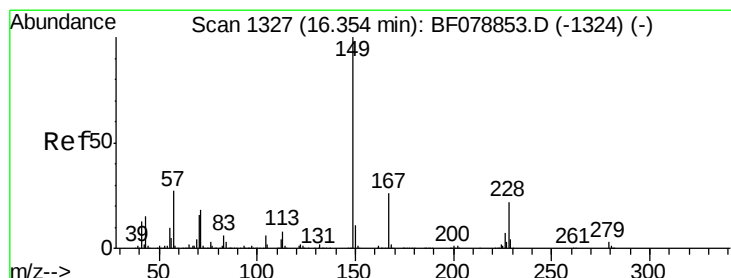
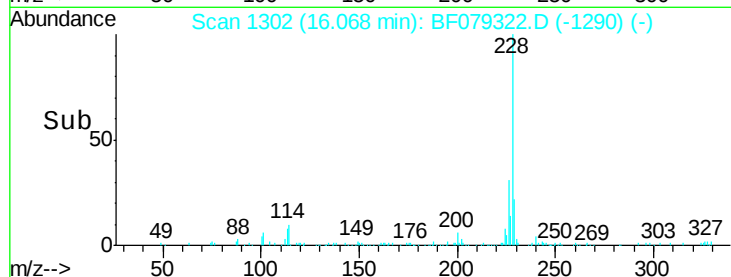
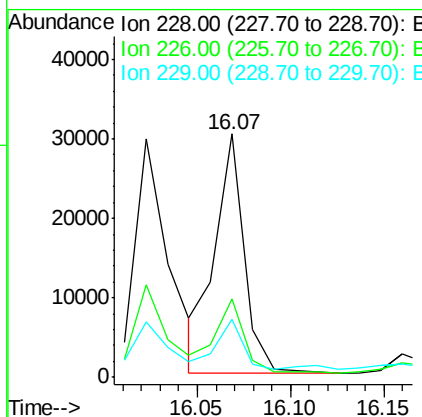
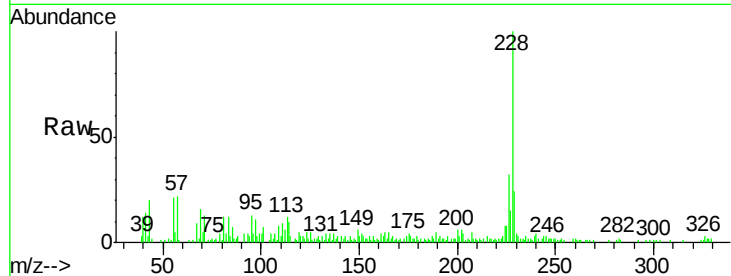




#82
 Chrysene
 Concen: 3.17 ng
 RT: 16.07 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF079322.D
 Acq: 19 May 2015 00:07

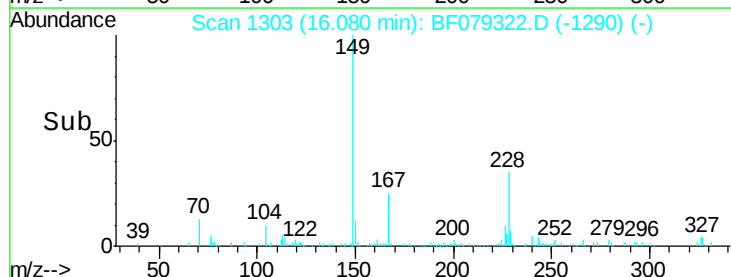
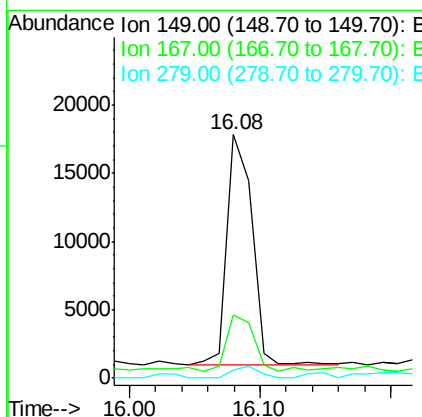
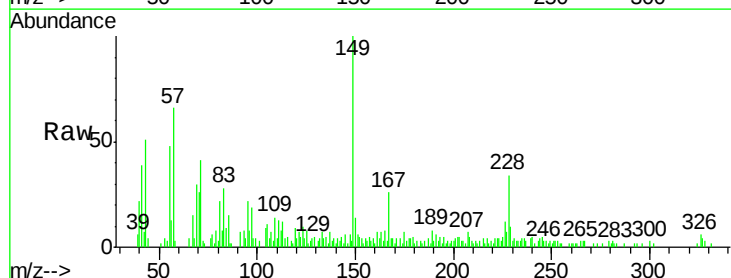
Instrument :
 BNA_F
 ClientSampleId :
 SB-17

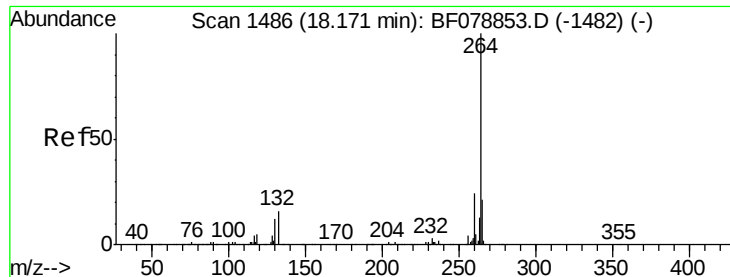
Tgt Ion: 228 Resp: 32841
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.8 37.2
 229 24.0 16.1 24.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.98 ng
 RT: 16.08 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF079322.D
 Acq: 19 May 2015 00:07

Tgt Ion: 149 Resp: 22394
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.2 31.8
 279 3.2 2.6 4.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.74 min Scan# 1448

Delta R.T. -0.11 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

Instrument :

BNA_F

ClientSampleId :

SB-17

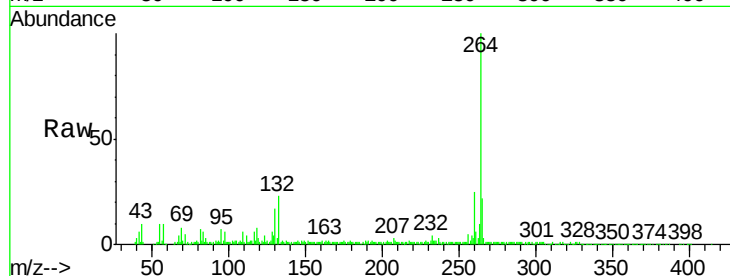
Tgt Ion:264 Resp: 200007

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

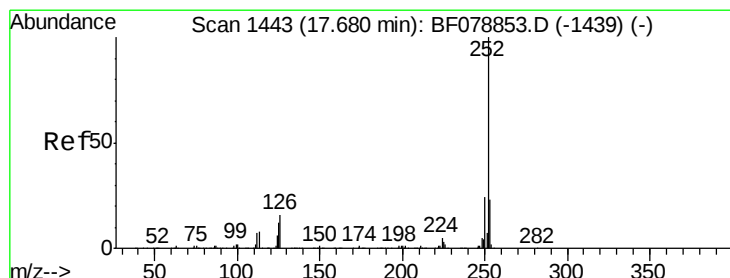
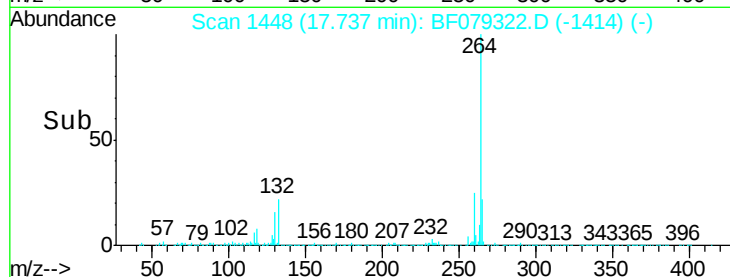
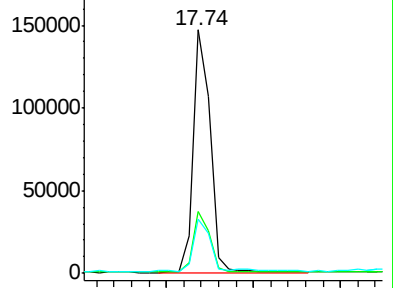
265 22.2 17.2 25.8



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: 5.53 ng

RT: 17.30 min Scan# 1410

Delta R.T. -0.09 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

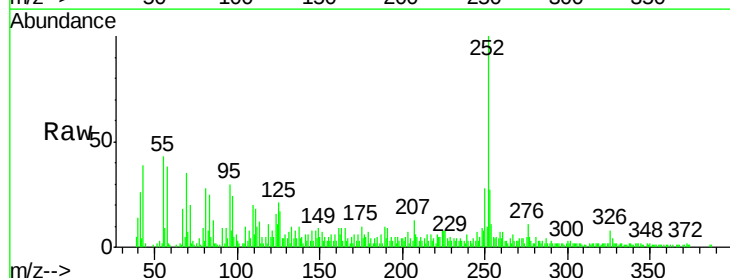
Tgt Ion:252 Resp: 60553

Ion Ratio Lower Upper

252 100

253 27.5 18.1 27.1#

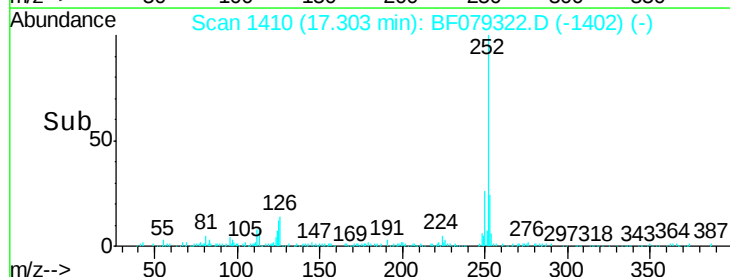
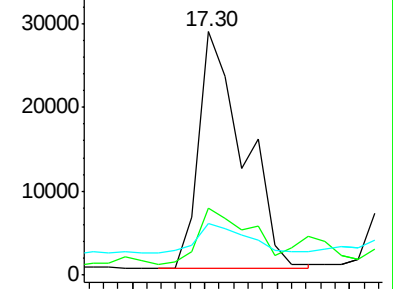
125 21.0 9.4 14.2#

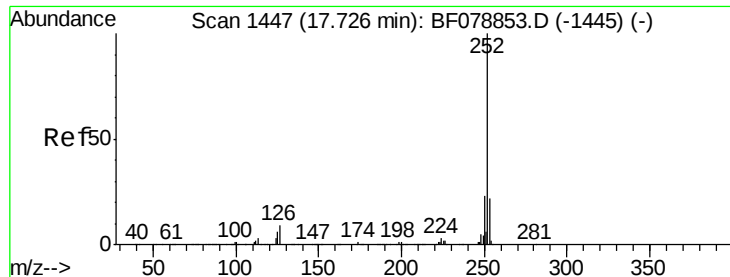


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 5.71 ng

RT: 17.30 min Scan# 1410

Delta R.T. -0.13 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

Instrument :

BNA_F

ClientSampled :

SB-17

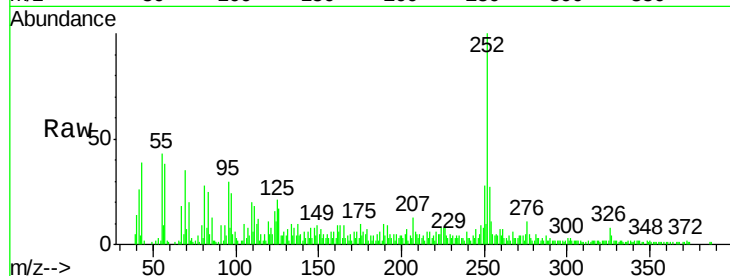
Tgt Ion:252 Resp: 60553

Ion Ratio Lower Upper

252 100

253 27.5 17.4 26.0#

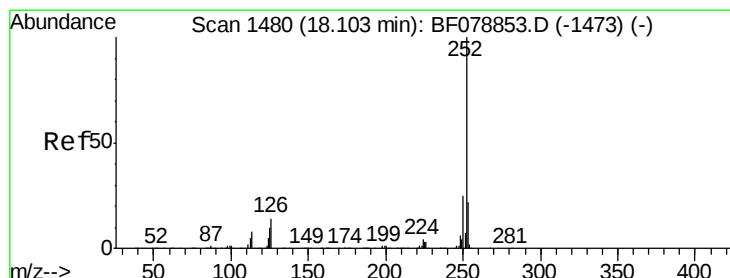
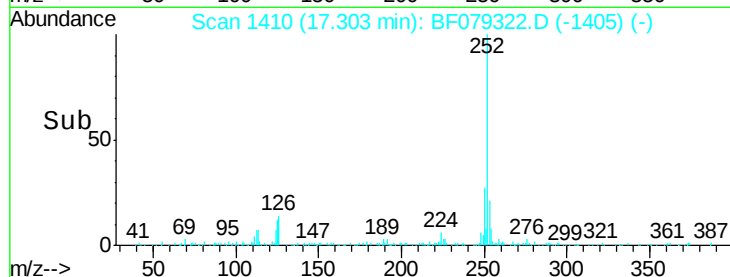
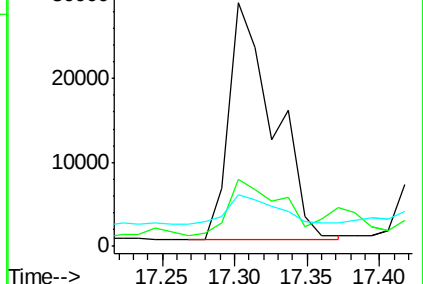
125 21.0 6.1 9.1#



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



#89

Benzo(a)pyrene

Concen: 3.24 ng

RT: 17.68 min Scan# 1443

Delta R.T. -0.11 min

Lab File: BF079322.D

Acq: 19 May 2015 00:07

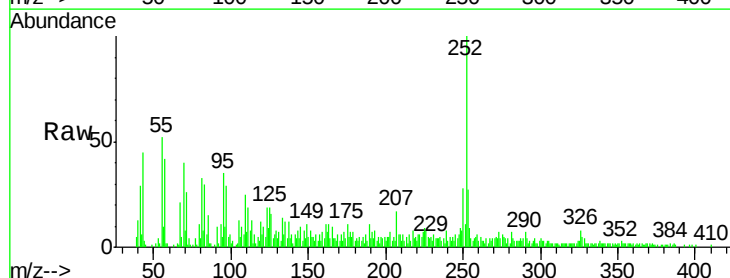
Tgt Ion:252 Resp: 32677

Ion Ratio Lower Upper

252 100

253 27.0 18.0 27.0#

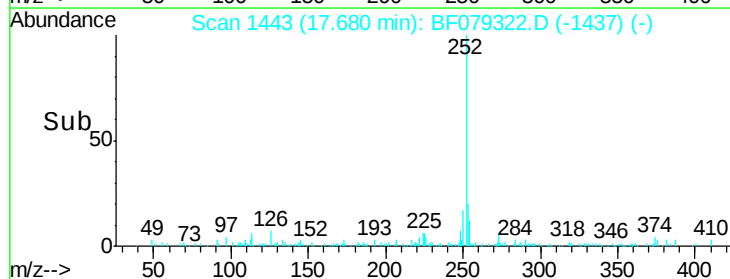
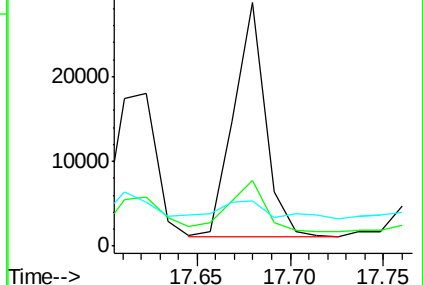
125 18.6 8.2 12.2#

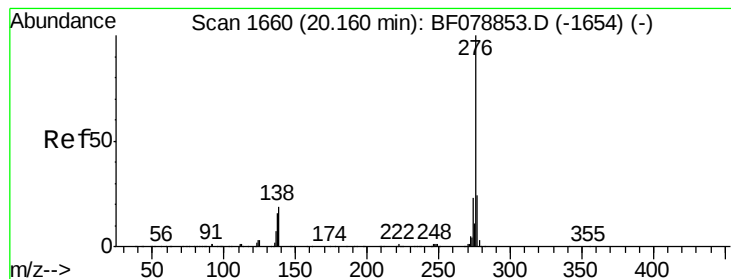


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.24 ng

RT: 19.54 min Scan# 1606

Delta R.T. -0.15 min

Lab File: BF079322.D

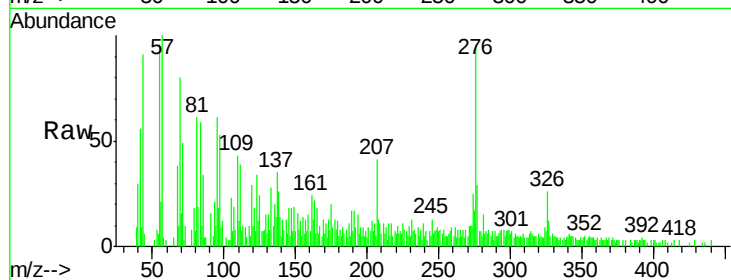
Acq: 19 May 2015 00:07

Instrument :

BNA_F

ClientSampleId :

SB-17



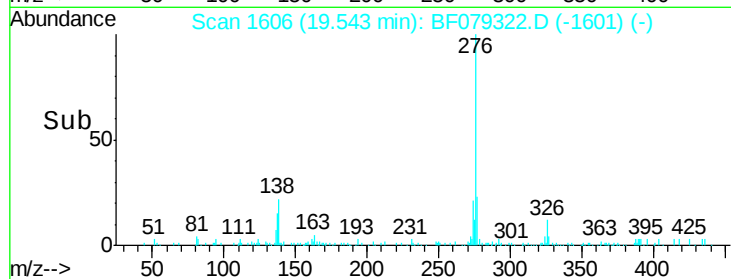
Tgt Ion: 276 Resp: 24049

Ion Ratio Lower Upper

276 100

277 29.8 18.8 28.2#

138 27.3 15.2 22.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

