

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077605.D
 Acq On : 5 Mar 2015 4:59
 Operator : TP/IZ
 Sample : G1424-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB19

Quant Time: Mar 05 05:57:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

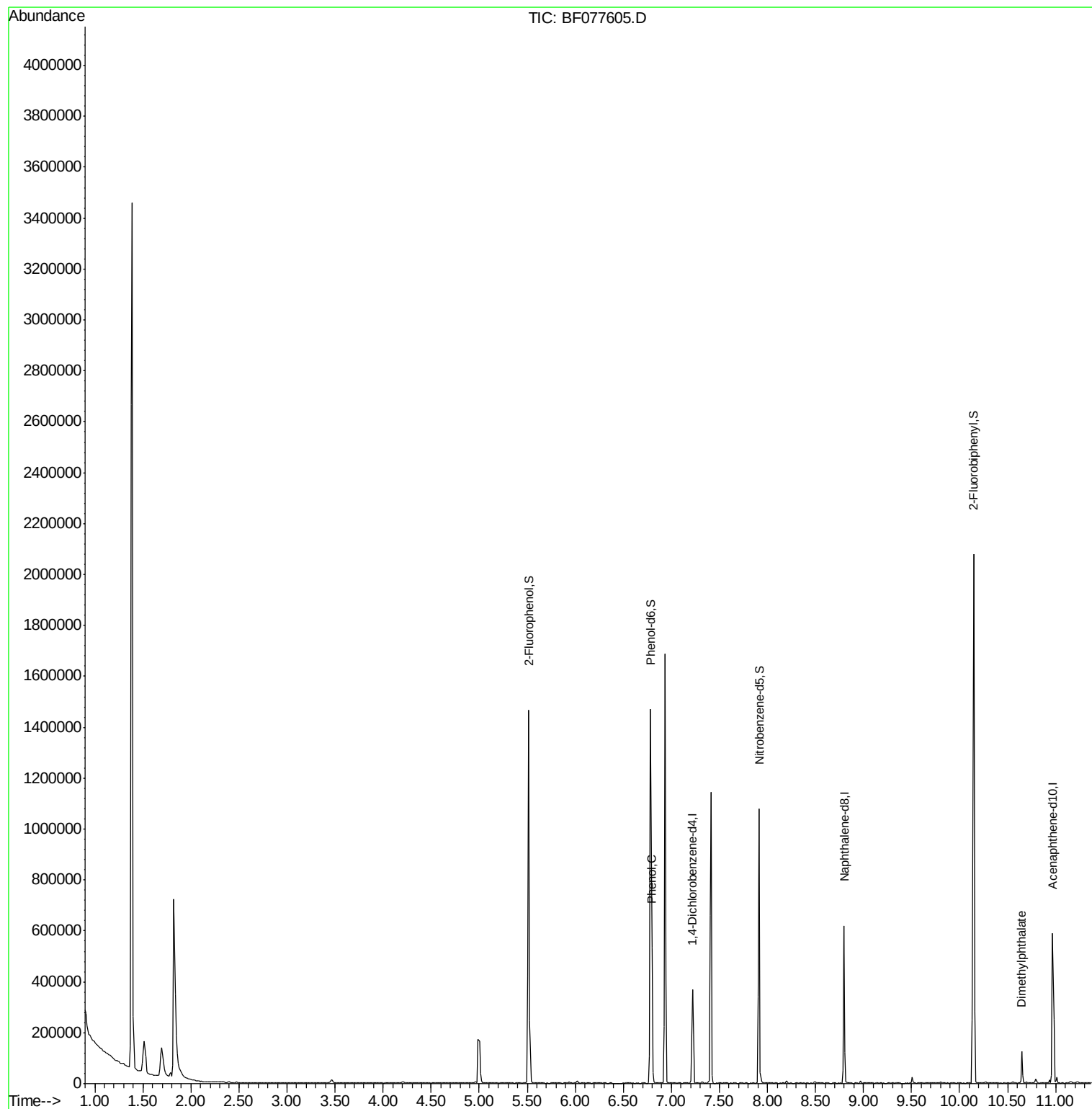
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	66309	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	272852	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	130500	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	258555	20.00	ng	0.00
75) Chrysene-d12	16.10	240	282202	20.00	ng	0.00
86) Perylene-d12	17.83	264	278501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	444793	111.98	ng	0.00
7) Phenol-d6	6.79	99	538841	105.51	ng	0.00
23) Nitrobenzene-d5	7.91	82	346907	79.06	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	138598	110.30	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	627735	75.00	ng	0.00
78) Terphenyl-d14	14.81	244	679668	56.30	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.80	94	12374	2.04	ng	99
49) Dimethylphthalate	10.65	163	52993	5.78	ng	97
70) Phenanthrene	12.84	178	120446	8.04	ng	99
73) Di-n-butylphthalate	13.57	149	137217	8.26	ng	98
74) Fluoranthene	14.32	202	178578	10.91	ng	99
77) Pyrene	14.60	202	163003	9.44	ng	98
80) Benzo(a)anthracene	16.09	228	89687	5.42	ng	96
82) Chrysene	16.13	228	67428	4.34	ng	99
83) Bis(2-ethylhexyl)phthalate	16.15	149	28455	2.50	ng	# 99
85) Indeno(1,2,3-cd)pyrene	19.25	276	40909	2.31	ng	99
87) Benzo(b)fluoranthene	17.39	252	123814	7.65	ng	# 92
88) Benzo(k)fluoranthene	17.39	252	123814	7.80	ng	96
89) Benzo(a)pyrene	17.76	252	63840	4.14	ng	# 95
91) Benzo(g,h,i)perylene	19.67	276	40248	2.71	ng	95

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

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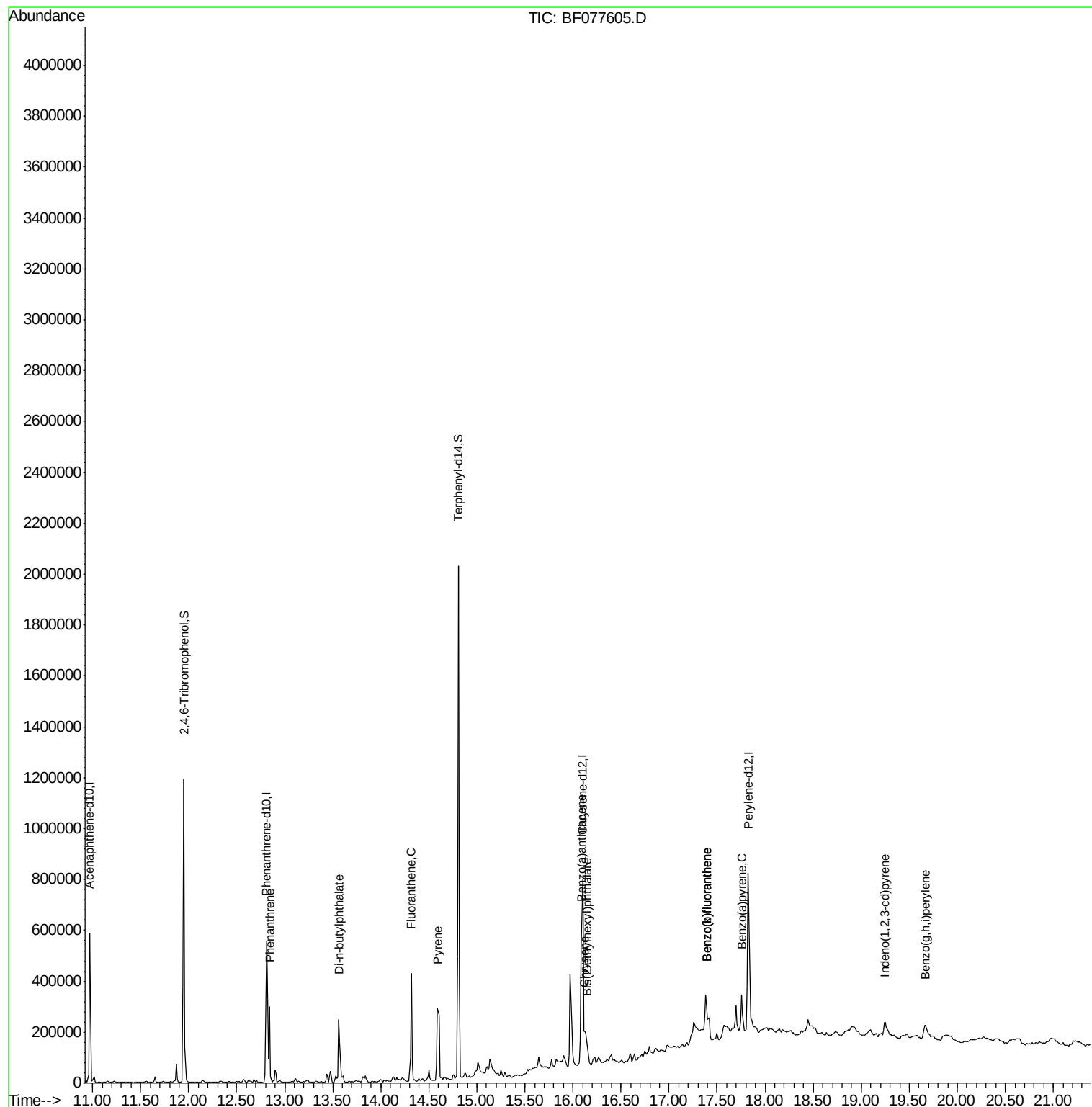
Quant Time: Mar 05 05:57:16 2015
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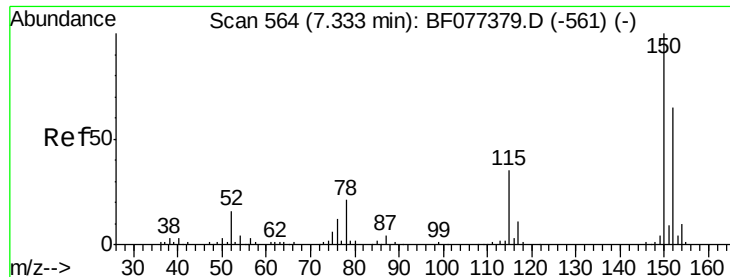


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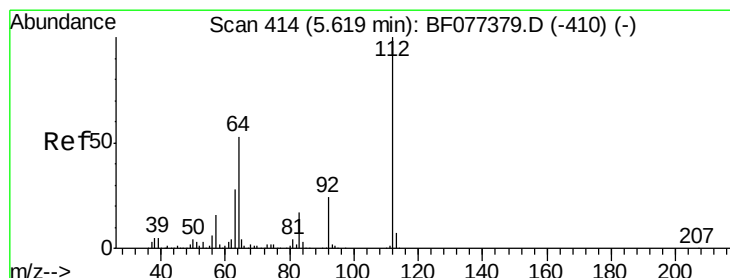
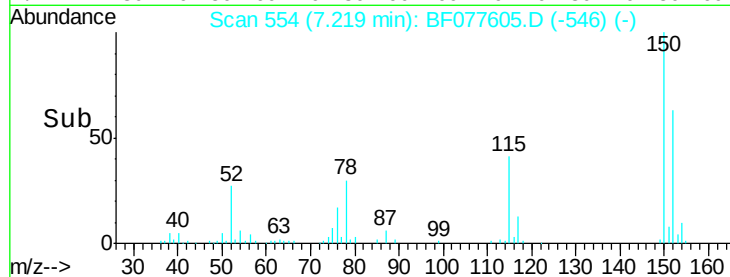
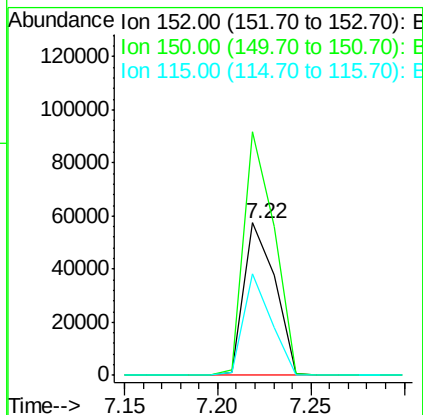
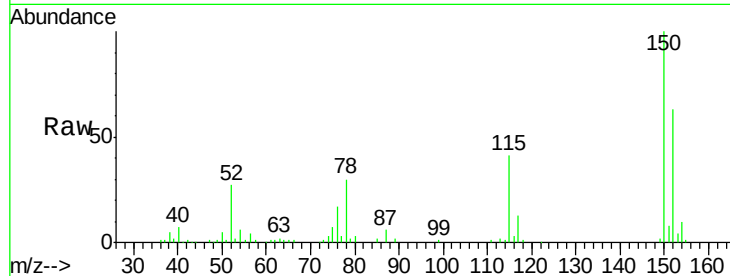


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
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ClientSampleId :
SB19

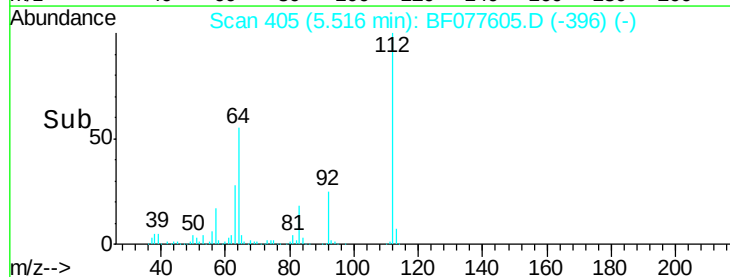
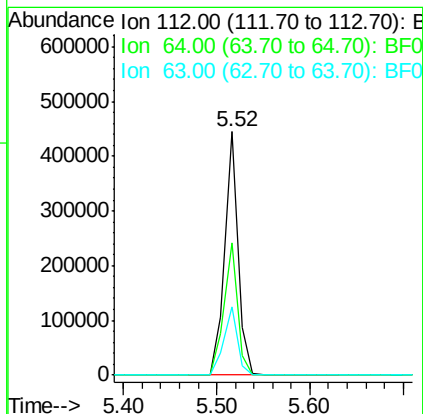
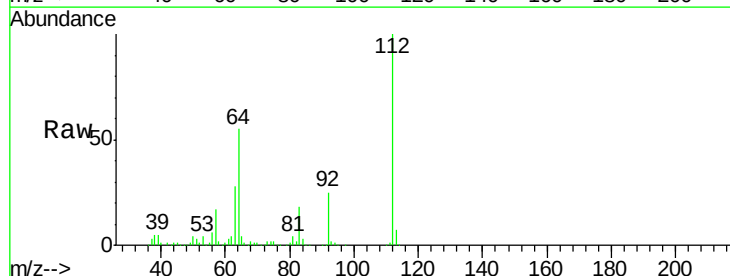
Tgt Ion:152 Resp: 66309
Ion Ratio Lower Upper
152 100
150 160.0 124.0 186.0
115 66.4 49.4 74.2

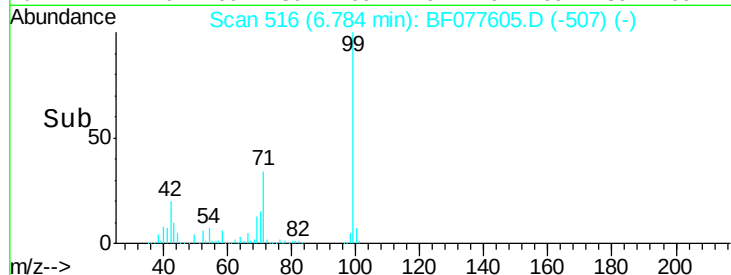
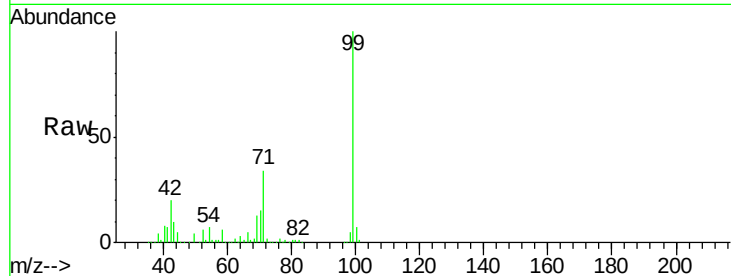
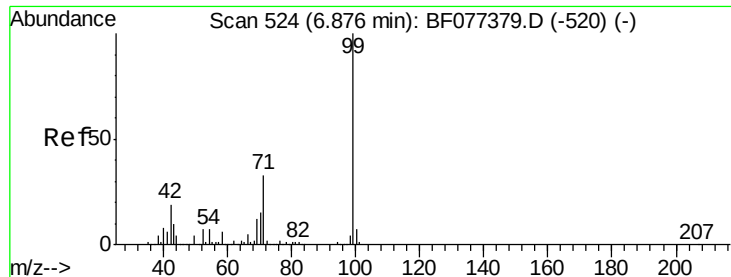


#5

2-Fluorophenol
Concen: 111.98 ng
RT: 5.52 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion:112 Resp: 444793
Ion Ratio Lower Upper
112 100
64 54.6 48.5 72.7
63 28.1 25.0 37.4





#7

Phenol-d6

Concen: 105.51 ng

RT: 6.79 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

Instrument :

BNA_F

ClientSampleId :

SB19

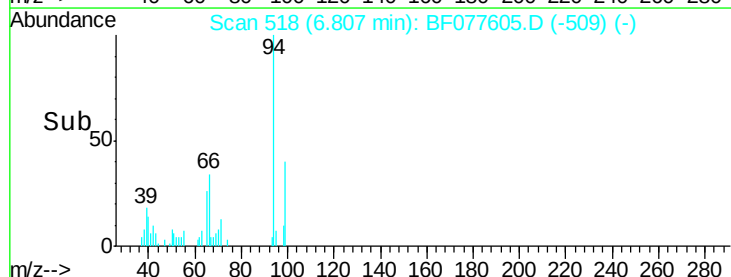
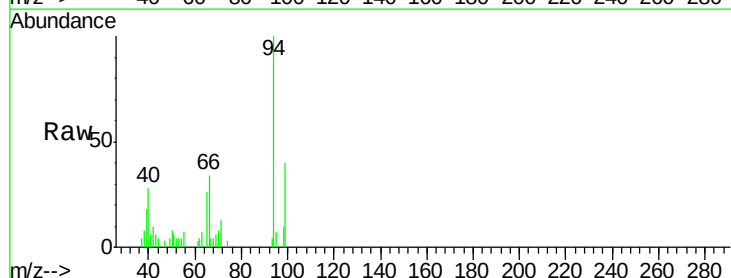
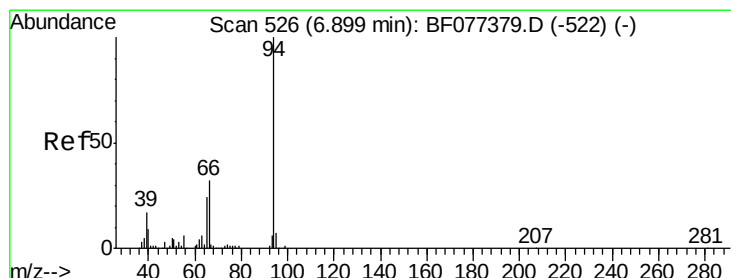
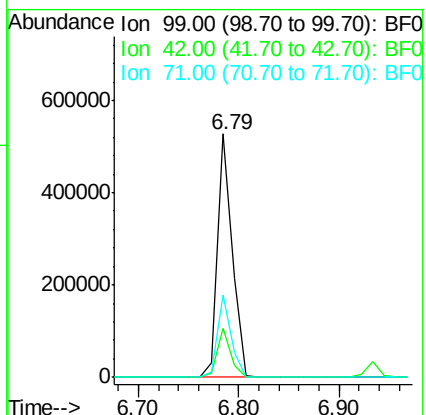
Tgt Ion: 99 Resp: 538841

Ion Ratio Lower Upper

99 100

42 20.0 16.2 24.4

71 33.7 26.7 40.1



#10

Phenol

Concen: 2.04 ng

RT: 6.80 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

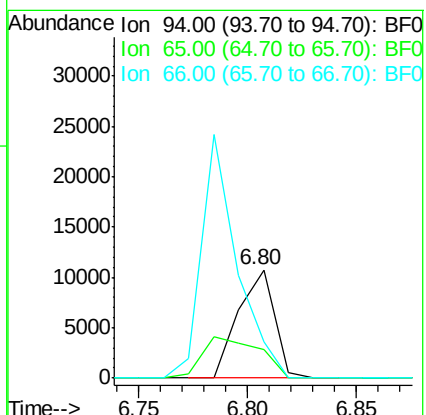
Tgt Ion: 94 Resp: 12374

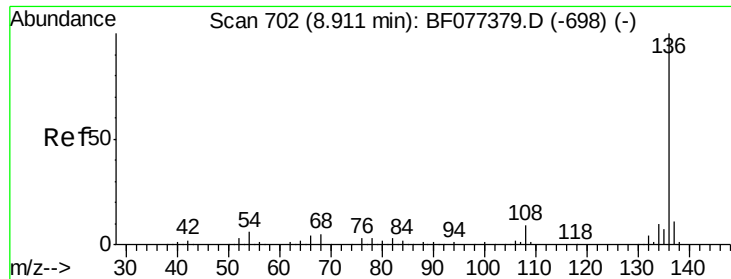
Ion Ratio Lower Upper

94 100

65 26.2 5.7 45.7

66 34.0 13.6 53.6

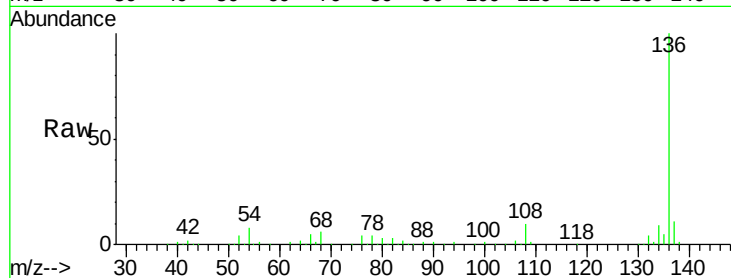




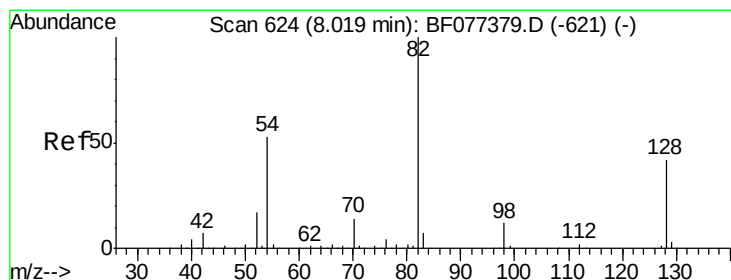
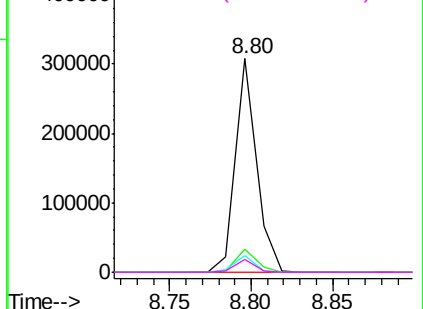
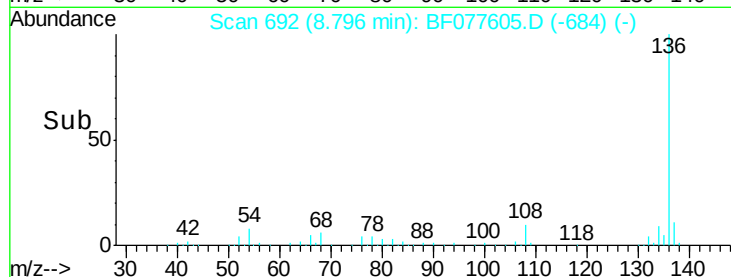
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
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ClientSampleId :
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Tgt Ion:	136	Resp:	272852
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.7	6.2	9.4
68	6.0	5.0	7.6

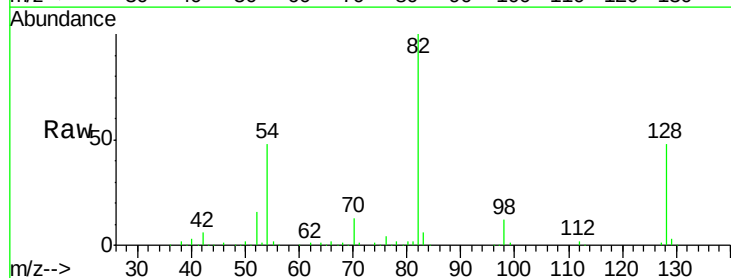


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

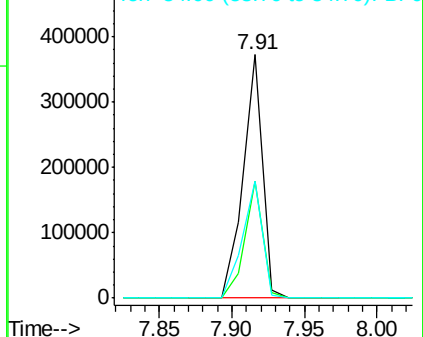
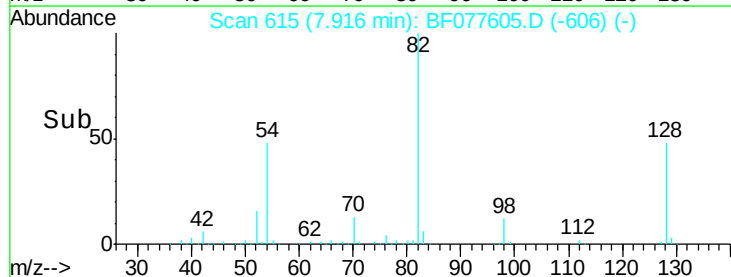


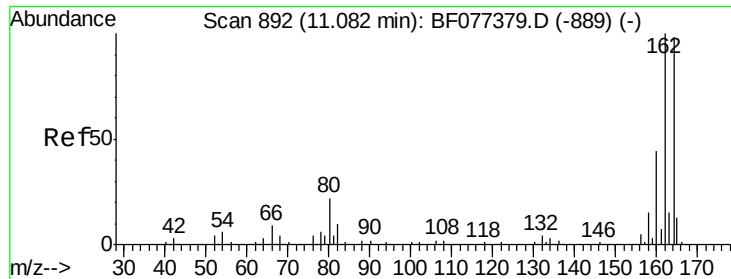
#23
Nitrobenzene-d5
Concen: 79.06 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion:	82	Resp:	346907
Ion	Ratio	Lower	Upper
82	100		
128	48.1	43.8	65.8
54	48.3	36.7	55.1



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

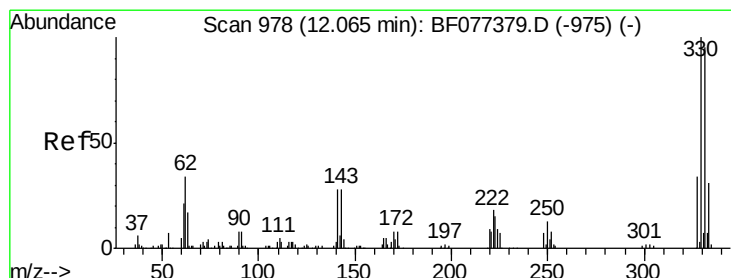
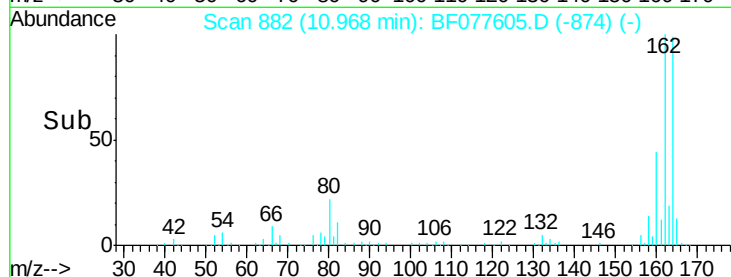
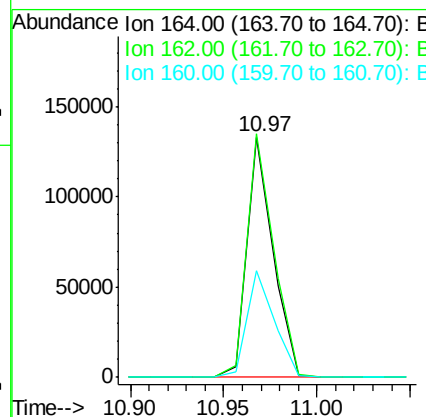
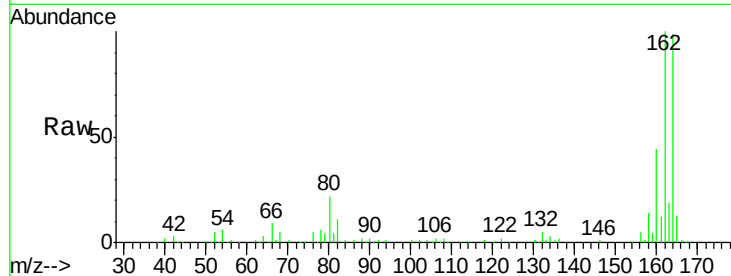




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF077605.D
 Acq: 5 Mar 2015 4:59

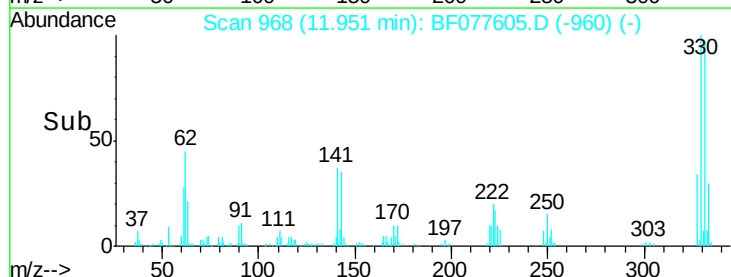
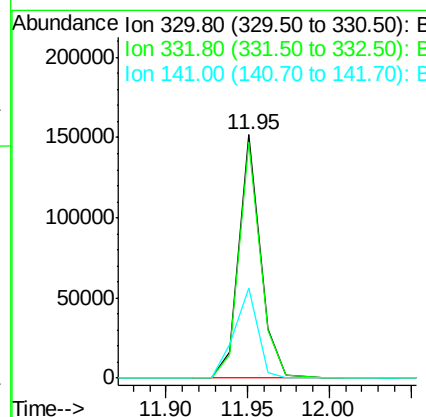
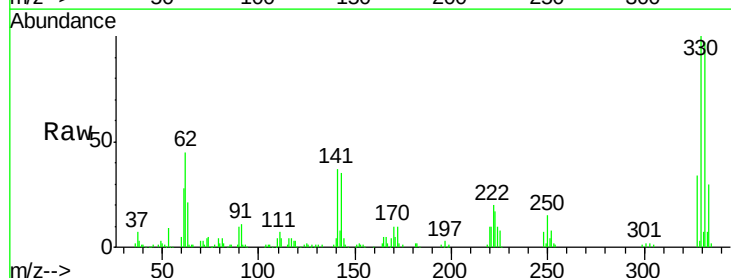
Instrument :
 BNA_F
 ClientSampleId :
 SB19

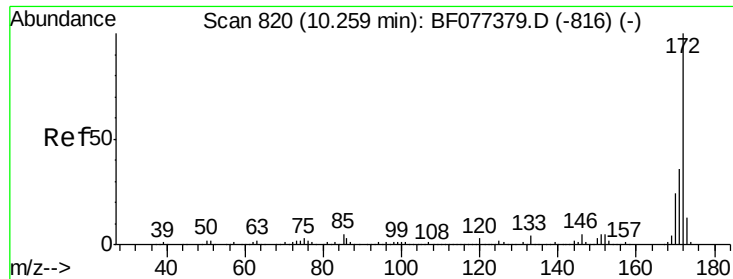
Tgt Ion:164 Resp: 130500
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.2 124.8
 160 44.4 34.6 52.0



#41
 2,4,6-Tribromophenol
 Concen: 110.30 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077605.D
 Acq: 5 Mar 2015 4:59

Tgt Ion:330 Resp: 138598
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 40.0 28.8 43.2

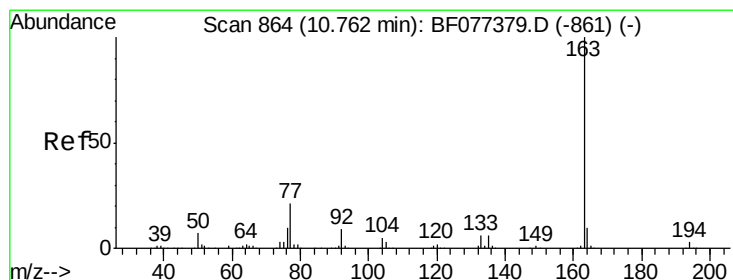
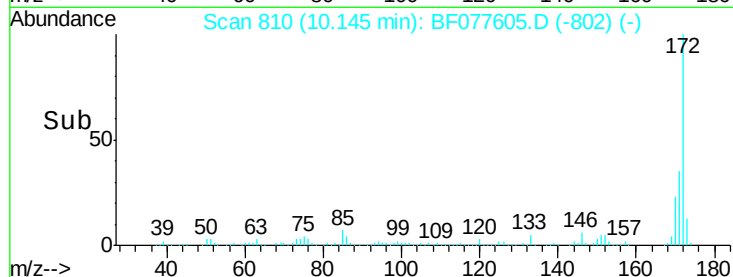
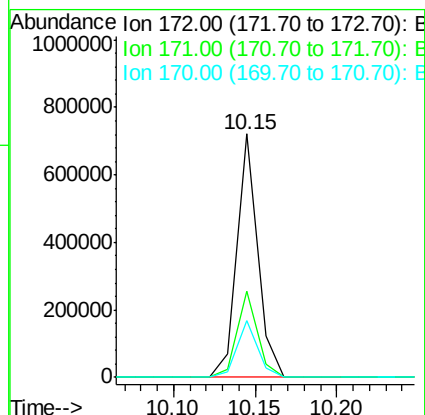
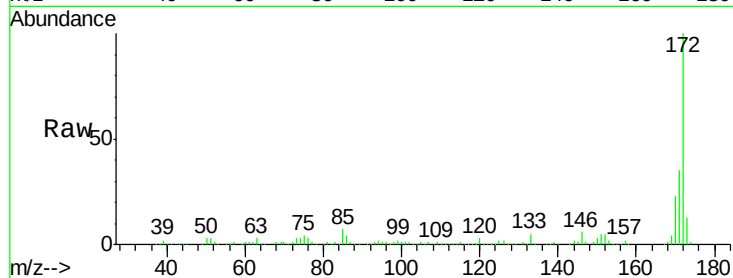




#44
2-Fluorobiphenyl
Concen: 75.00 ng
RT: 10.15 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

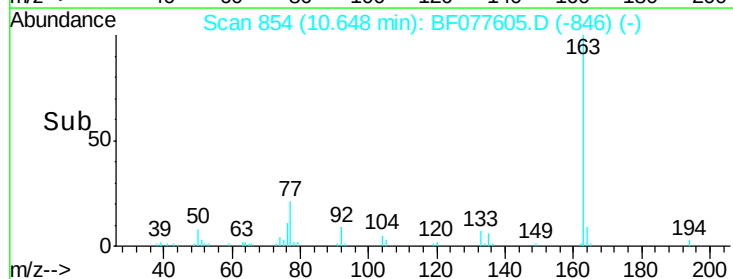
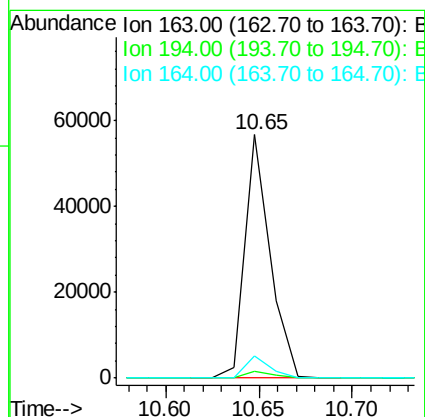
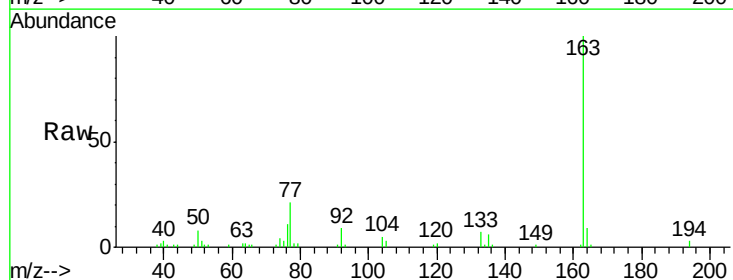
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ClientSampled :
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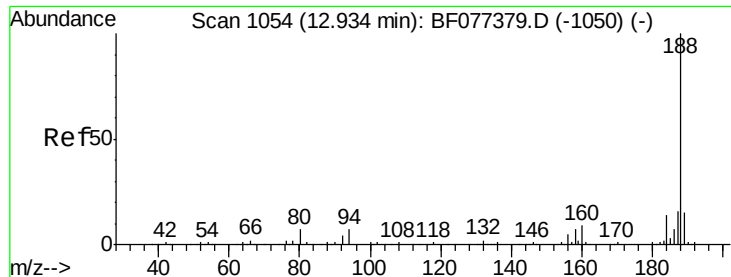
Tgt Ion:172 Resp: 627735
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.3 19.4 29.2



#49
Dimethylphthalate
Concen: 5.78 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion:163 Resp: 52993
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 9.4 8.6 13.0

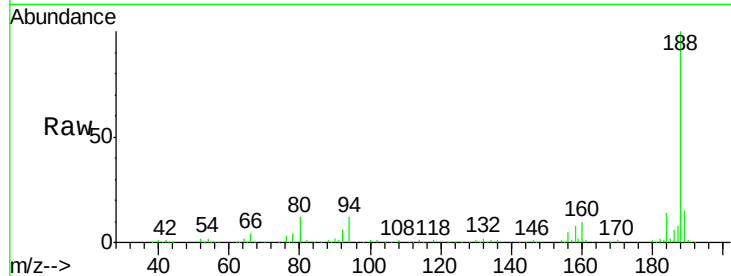




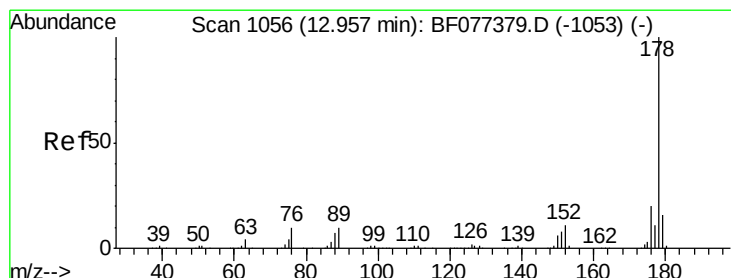
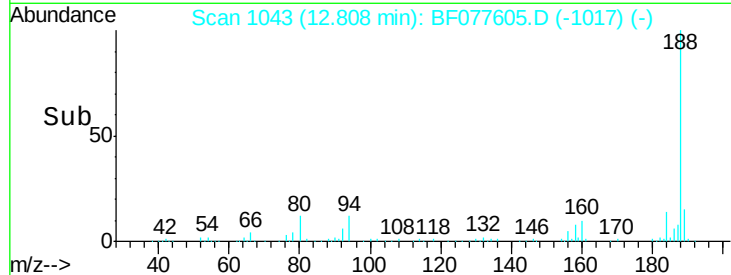
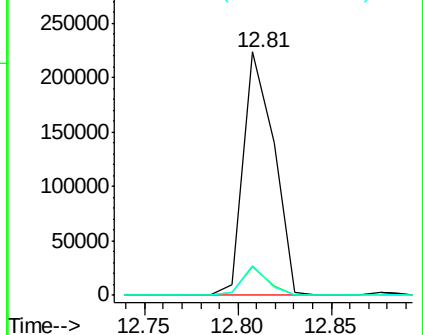
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion:188 Resp: 258555
Ion Ratio Lower Upper
188 100
94 11.9 7.4 11.2#
80 12.3 8.0 12.0#

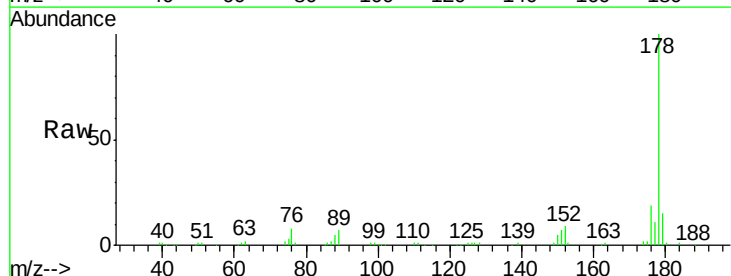


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

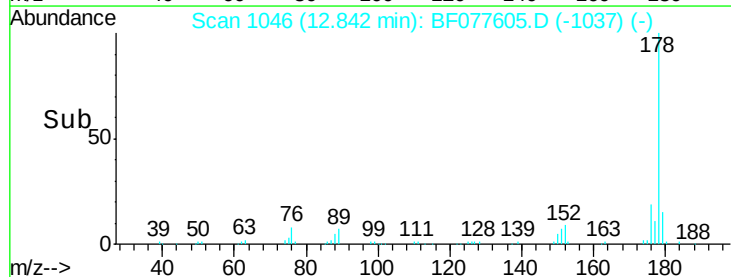
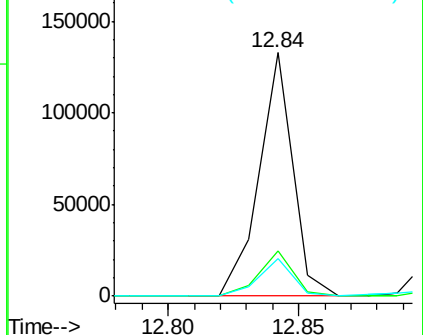


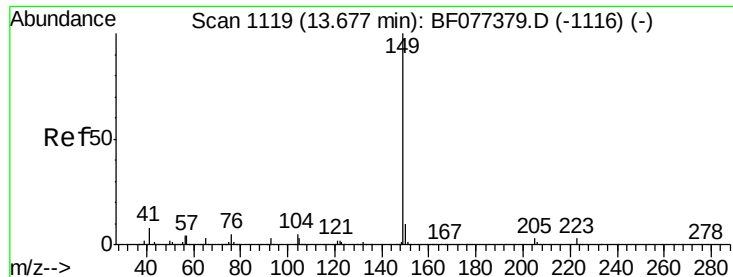
#70
Phenanthrene
Concen: 8.04 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion:178 Resp: 120446
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.2 12.2 18.2



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

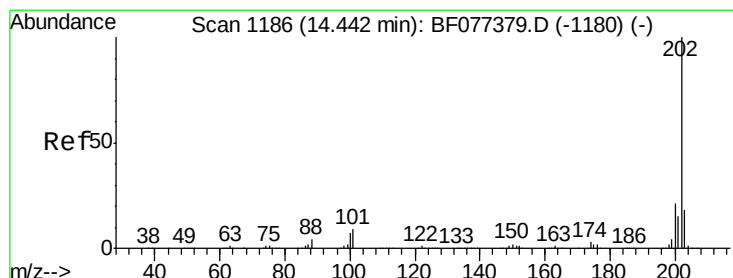
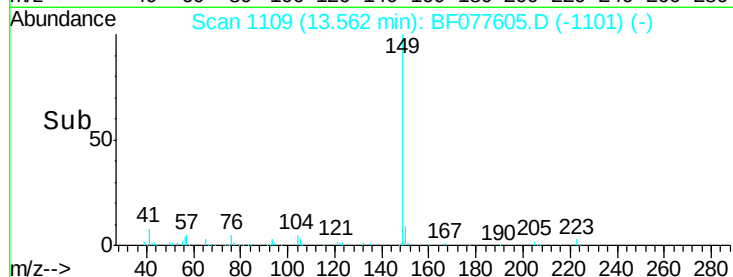
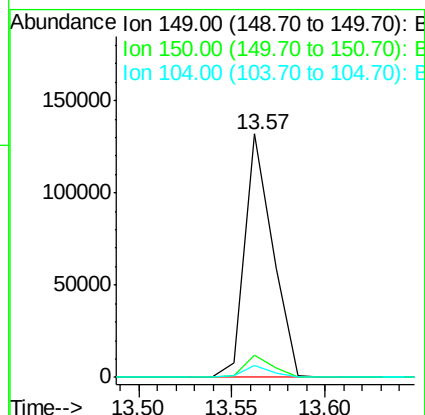
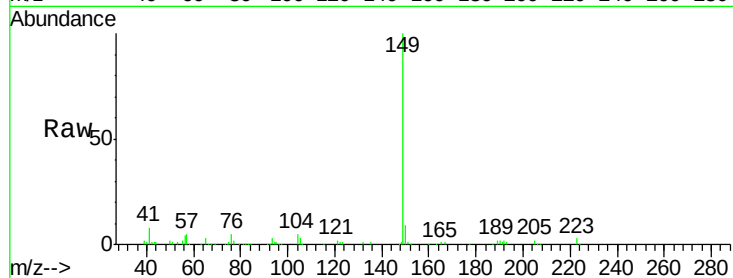




#73
Di-n-butylphthalate
Concen: 8.26 ng
RT: 13.57 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

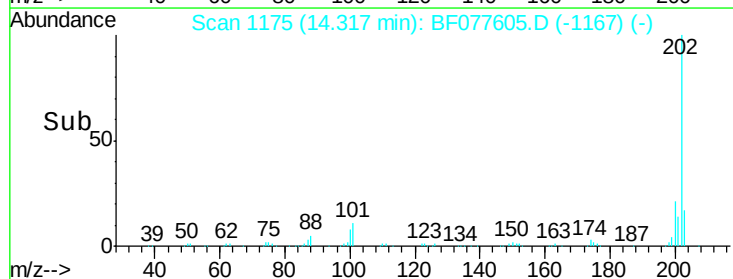
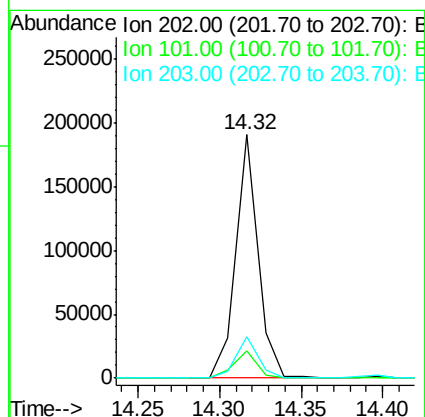
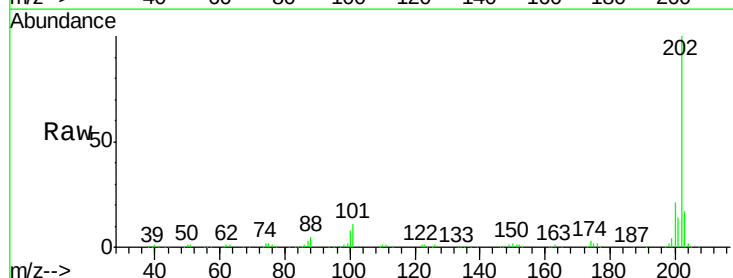
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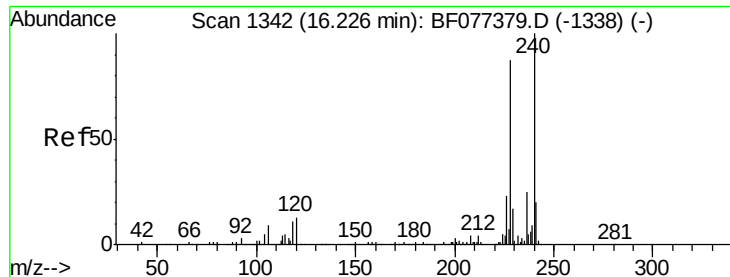
Tgt Ion:149 Resp: 137217
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.8
104 4.9 4.1 6.1



#74
Fluoranthene
Concen: 10.91 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion:202 Resp: 178578
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.8
203 17.2 0.0 37.7

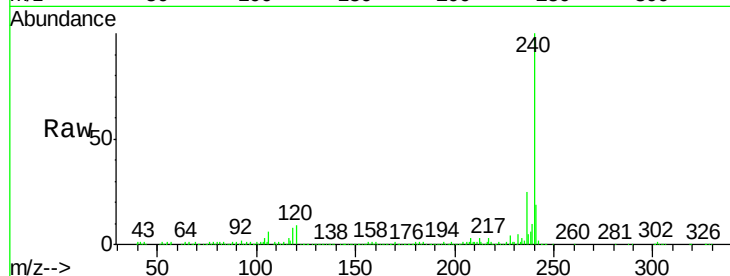




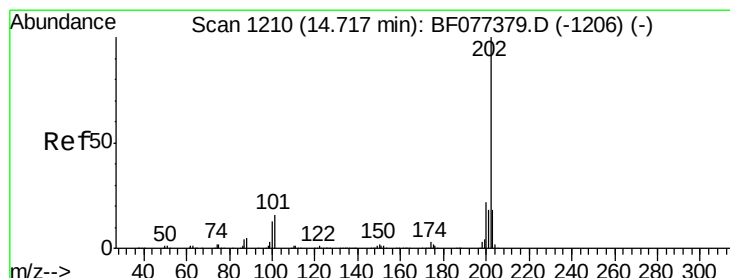
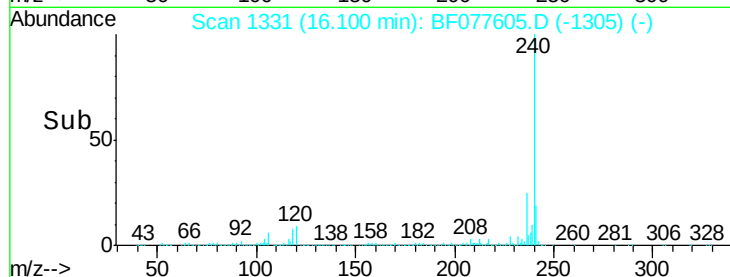
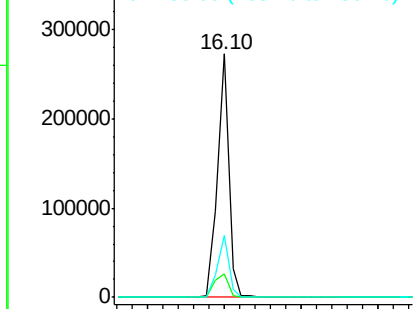
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion:240 Resp: 282202
Ion Ratio Lower Upper
240 100
120 9.4 8.8 13.2
236 25.2 20.7 31.1

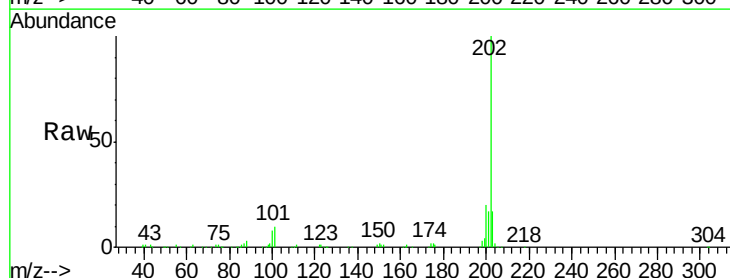


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

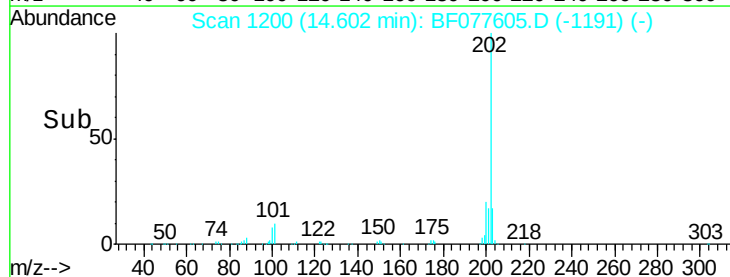
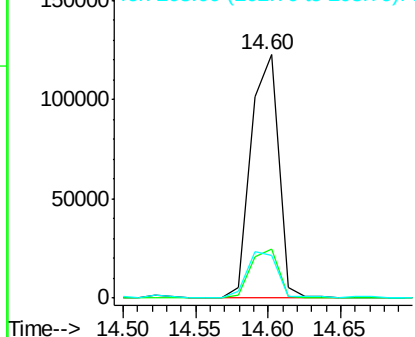


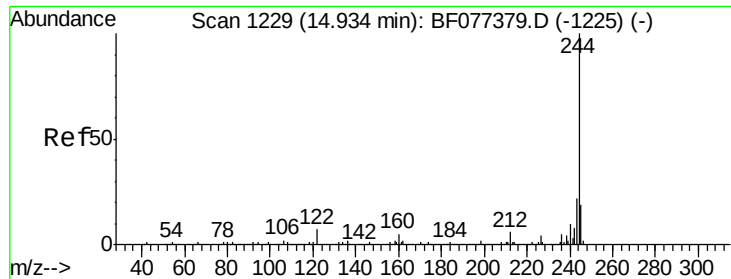
#77
Pyrene
Concen: 9.44 ng
RT: 14.60 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion:202 Resp: 163003
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 17.4 14.2 21.2



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: 56.30 ng

RT: 14.81 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

Instrument :

BNA_F

ClientSampled :

SB19

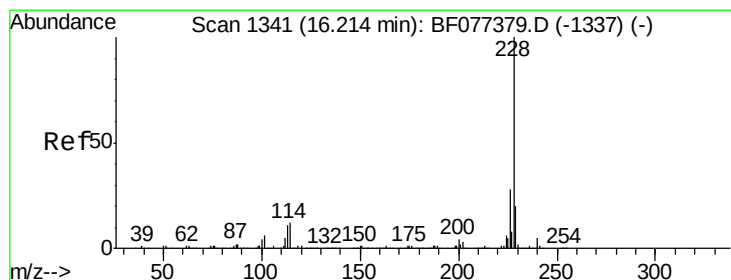
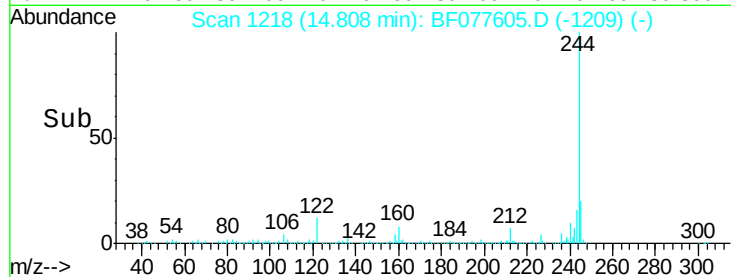
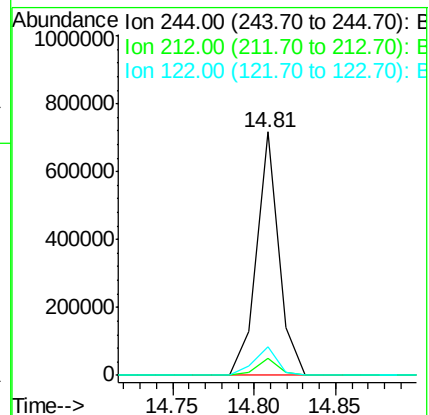
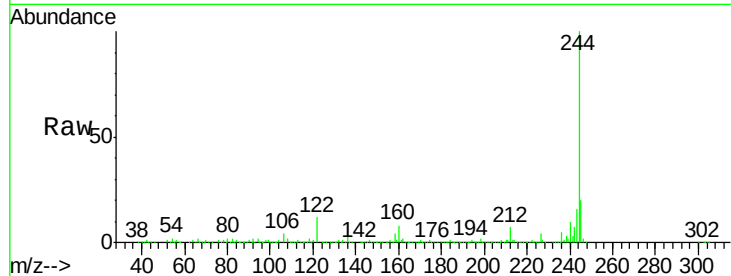
Tgt Ion:244 Resp: 679668

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

122 11.6 7.8 11.8



#80

Benzo(a)anthracene

Concen: 5.42 ng

RT: 16.09 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

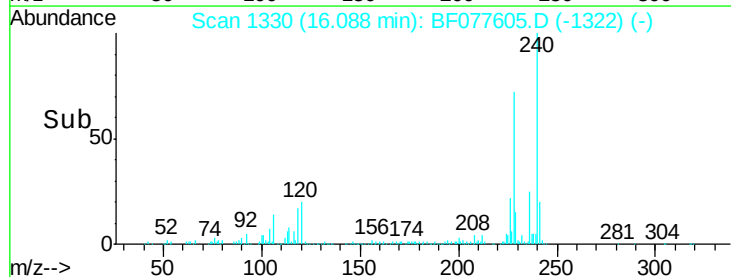
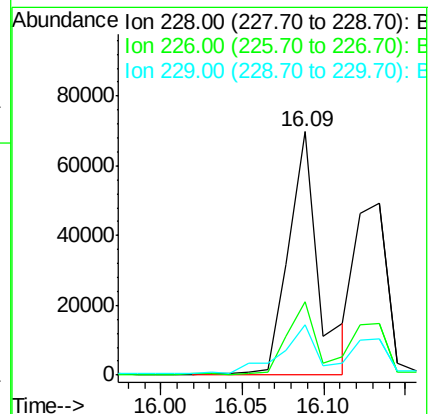
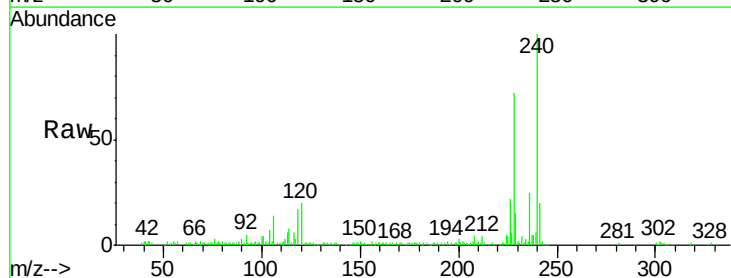
Tgt Ion:228 Resp: 89687

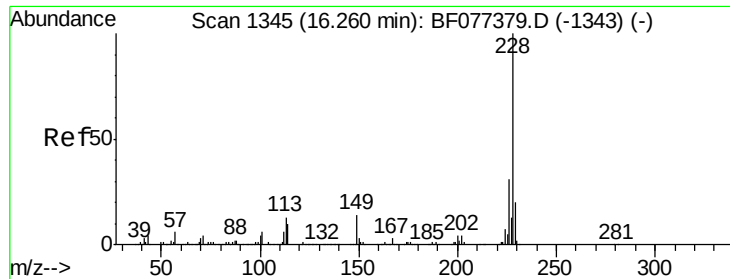
Ion Ratio Lower Upper

228 100

226 30.3 22.0 33.0

229 20.8 15.8 23.8





#82

Chrysene

Concen: 4.34 ng

RT: 16.13 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

Instrument :

BNA_F

ClientSampleId :

SB19

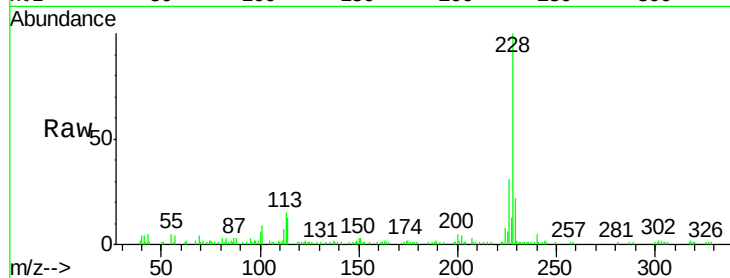
Tgt Ion:228 Resp: 67428

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

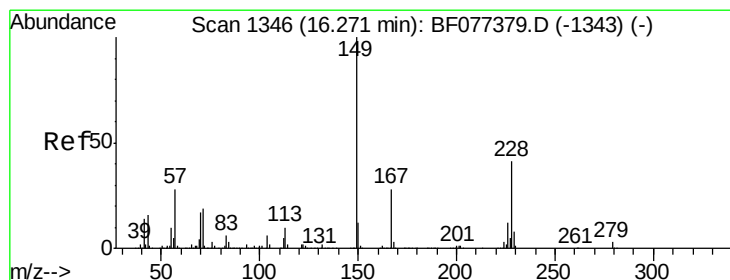
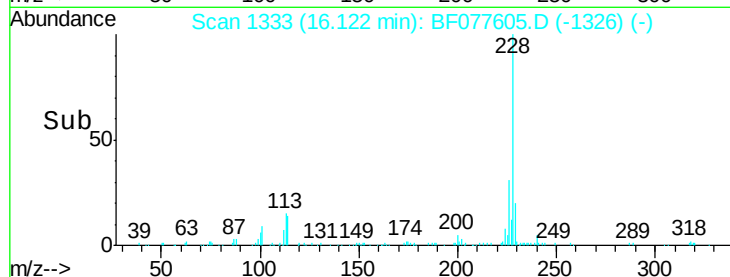
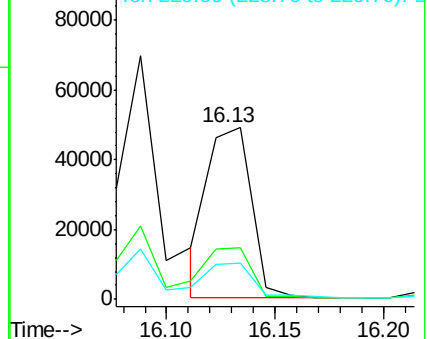
229 21.5 16.4 24.6



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: 2.50 ng

RT: 16.15 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

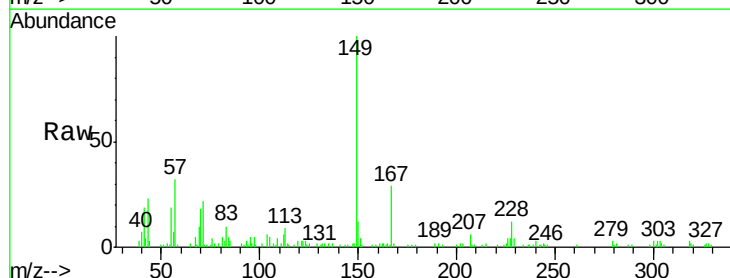
Tgt Ion:149 Resp: 28455

Ion Ratio Lower Upper

149 100

167 28.7 22.8 34.2

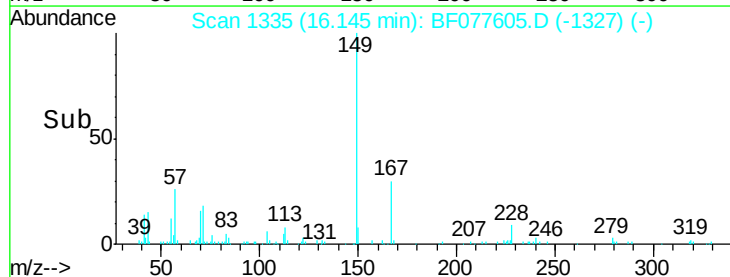
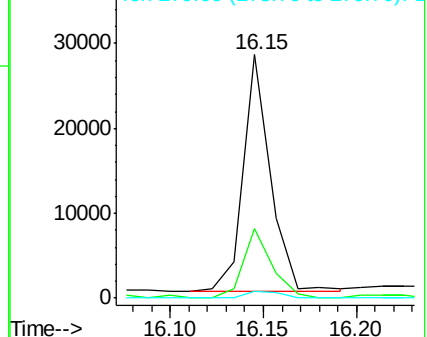
279 3.1 3.8 5.6#

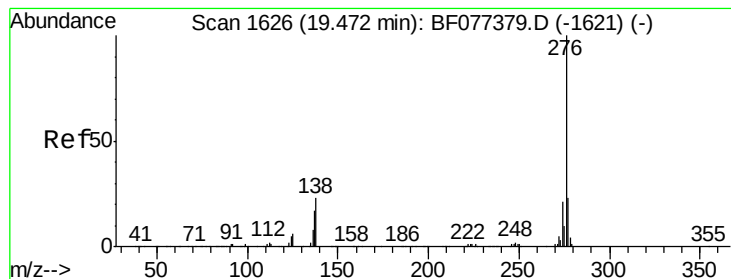


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.31 ng

RT: 19.25 min Scan# 1607

Delta R.T. -0.03 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

Instrument :

BNA_F

ClientSampleId :

SB19

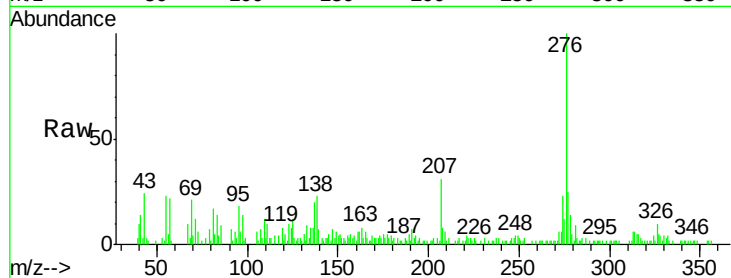
Tgt Ion:276 Resp: 40909

Ion Ratio Lower Upper

276 100

138 27.1 21.2 31.8

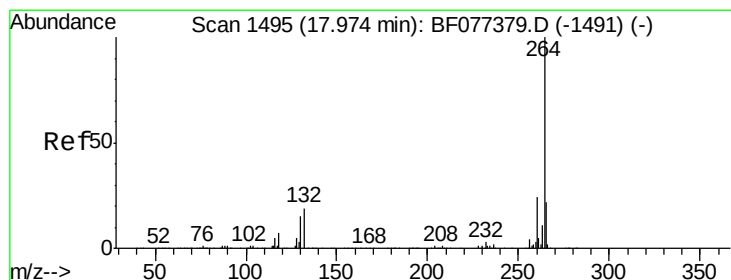
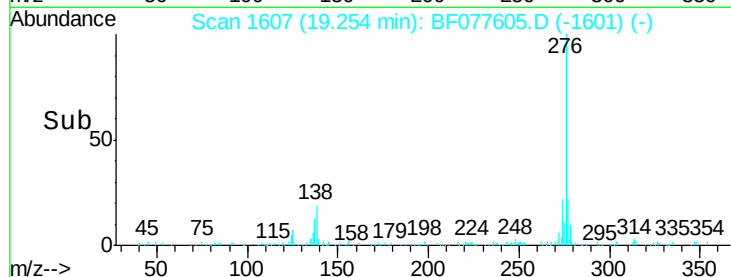
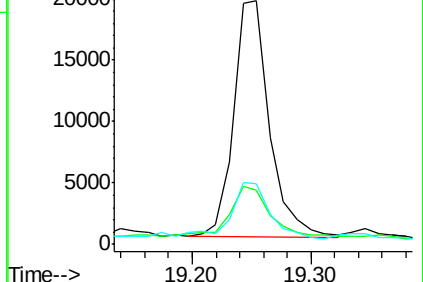
277 25.5 20.0 30.0



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: 17.83 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

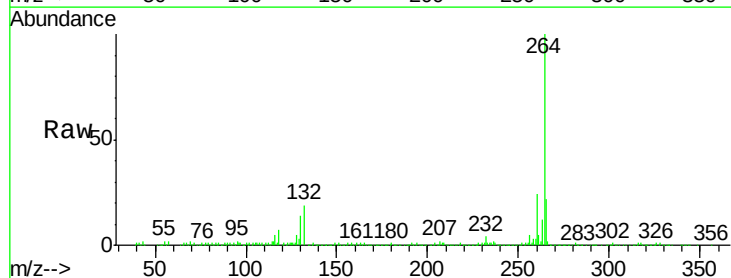
Tgt Ion:264 Resp: 278501

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

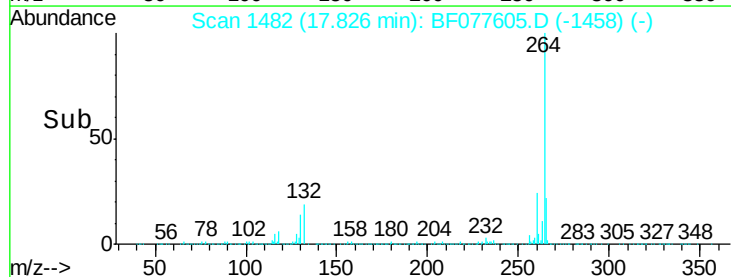
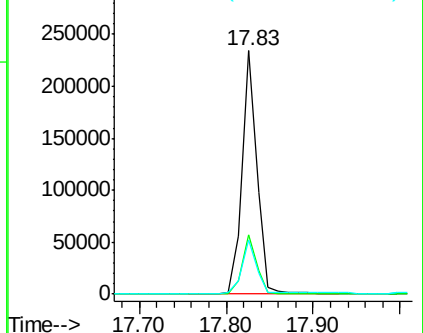
265 22.0 16.8 25.2

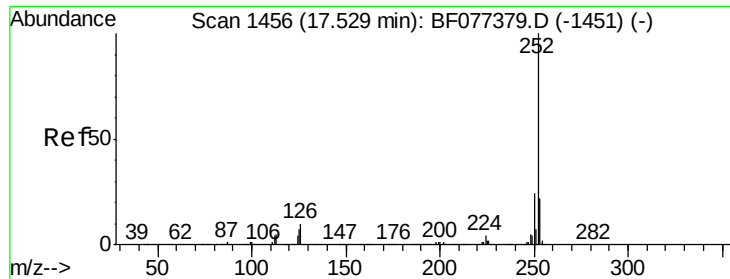


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

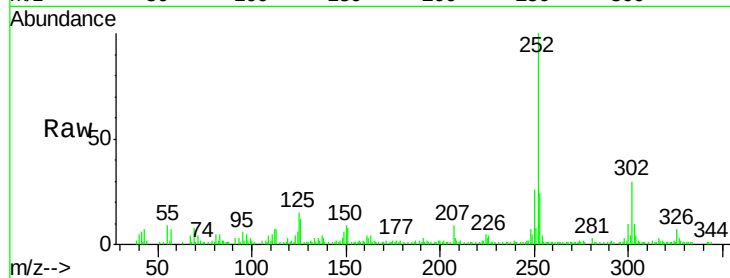




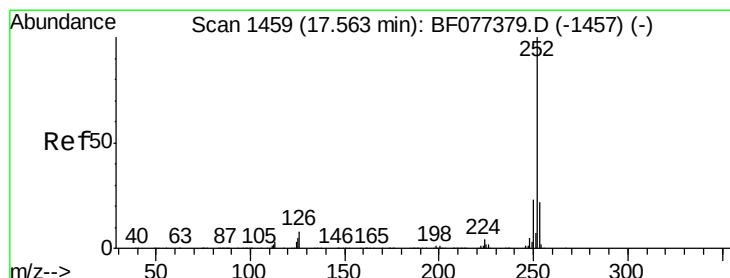
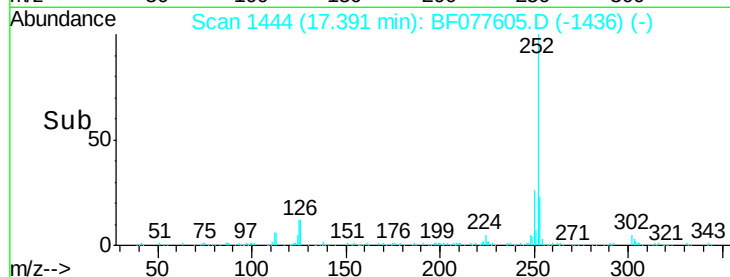
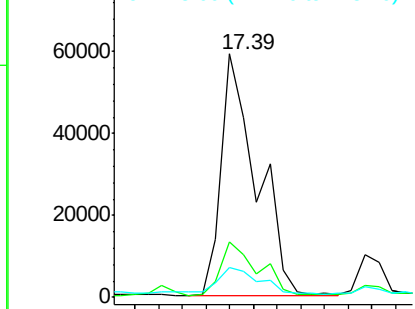
#87
Benzo(b)fluoranthene
Concen: 7.65 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	14.6	5.4	8.2#

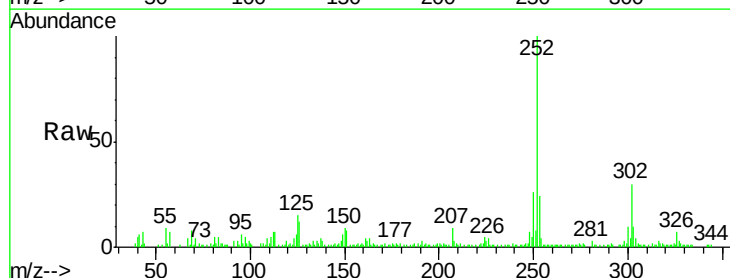


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

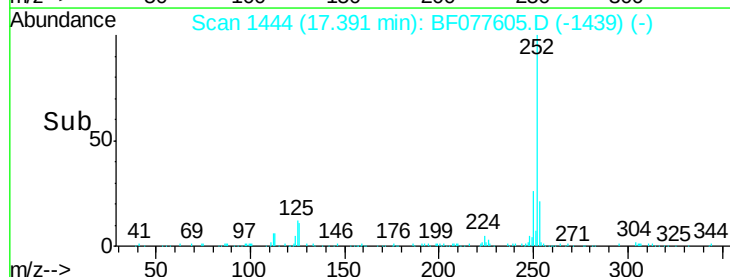
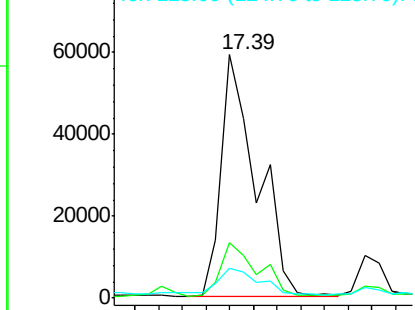


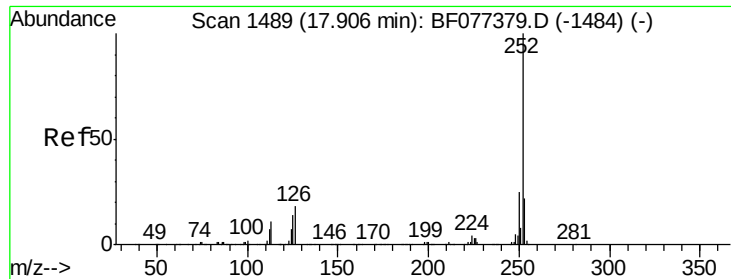
#88
Benzo(k)fluoranthene
Concen: 7.80 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.04 min
Lab File: BF077605.D
Acq: 5 Mar 2015 4:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	14.6	10.1	15.1



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: 4.14 ng

RT: 17.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

Instrument :

BNA_F

ClientSampleId :

SB19

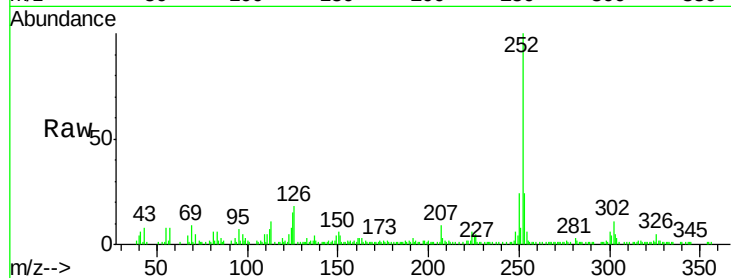
Tgt Ion:252 Resp: 63840

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

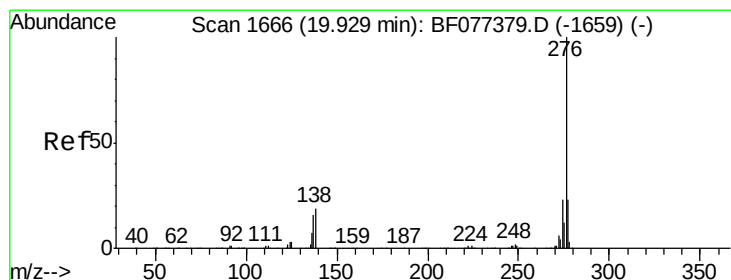
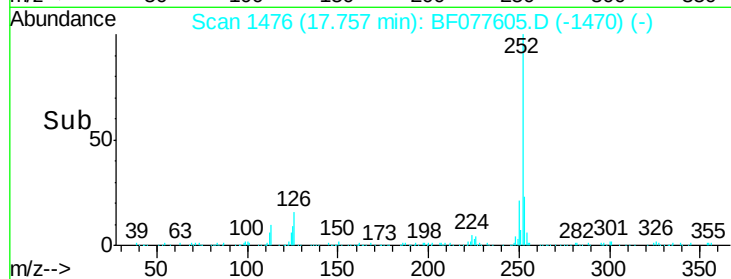
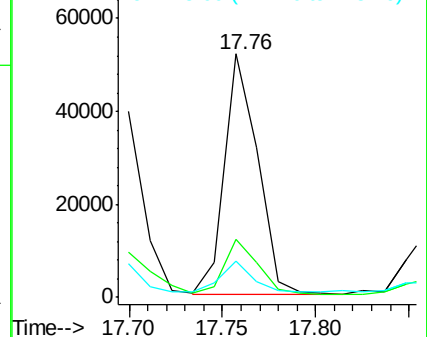
125 15.0 8.3 12.5#



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: 2.71 ng

RT: 19.67 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BF077605.D

Acq: 5 Mar 2015 4:59

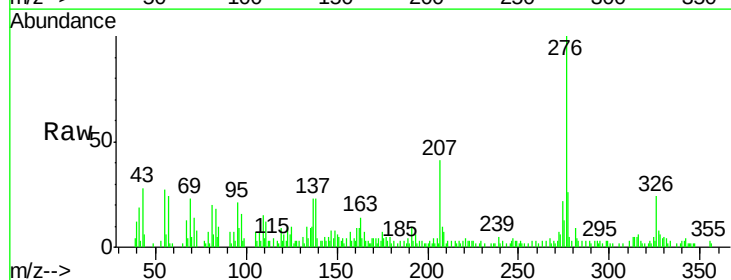
Tgt Ion:276 Resp: 40248

Ion Ratio Lower Upper

276 100

277 25.7 18.9 28.3

138 22.8 20.5 30.7



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

