

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077281.D
 Acq On : 12 Feb 2015 10:44
 Operator : TP/IZ
 Sample : G1254-06RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB11BRE

Quant Time: Feb 12 12:16:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

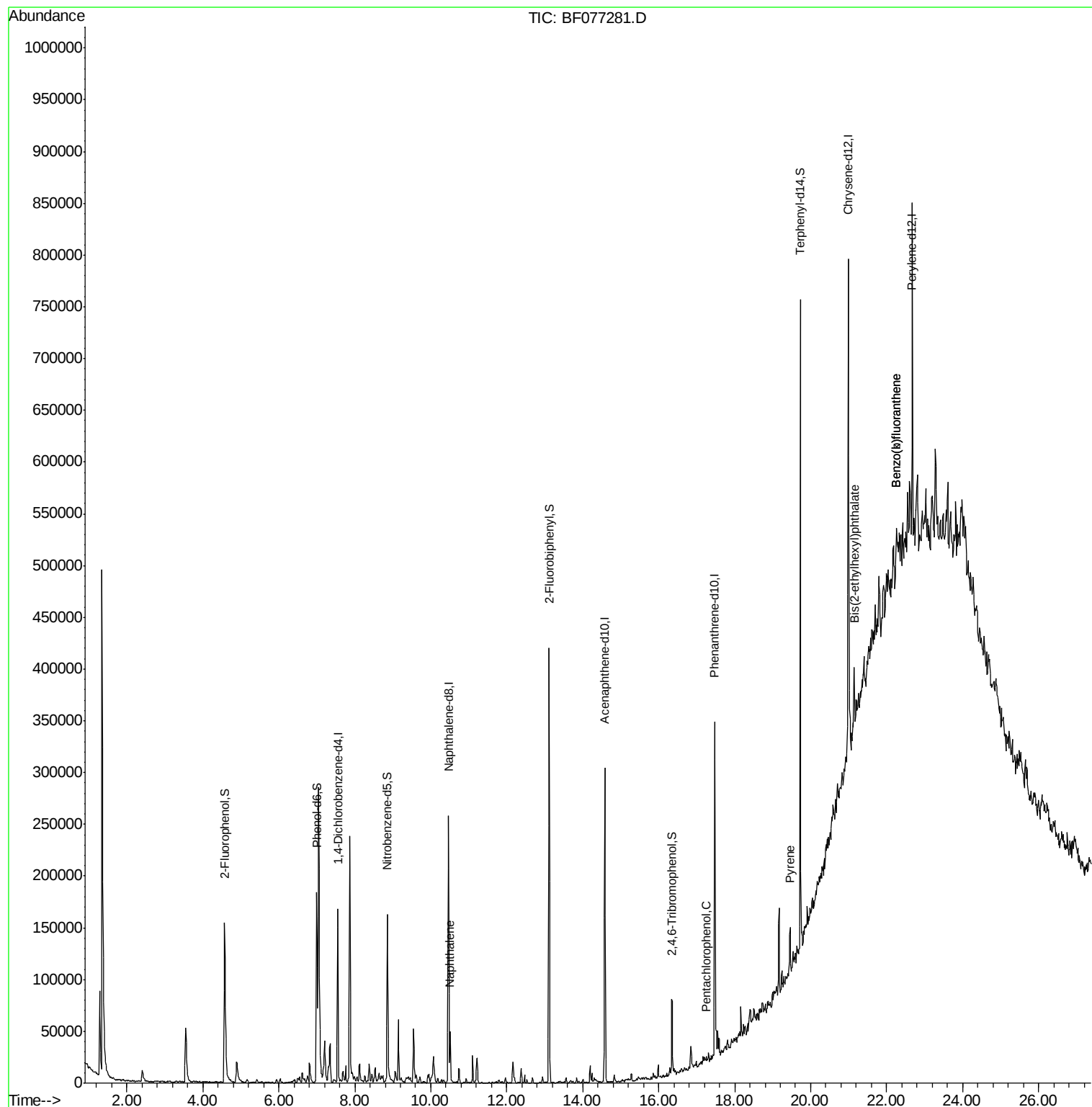
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	48214	20.00	ng	-0.05
21) Naphthalene-d8	10.46	136	202838	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	111963	20.00	ng	-0.05
63) Phenanthrene-d10	17.47	188	176517	20.00	ng	-0.03
75) Chrysene-d12	20.99	240	170188	20.00	ng	-0.02
86) Perylene-d12	22.67	264	155690	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.57	112	108170	36.89	ng	-0.02
7) Phenol-d6	7.00	99	164060	44.35	ng	-0.01
23) Nitrobenzene-d5	8.85	82	89757	24.52	ng	-0.05
41) 2,4,6-Tribromophenol	16.35	330	13033	14.34	ng	-0.02
44) 2-Fluorobiphenyl	13.12	172	222020	30.18	ng	-0.05
78) Terphenyl-d14	19.73	244	213397	28.87	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.62	77	561	Below Cal	Qvalue	# 1
31) Naphthalene	10.51	128	39832	3.81 ng	#	98
69) Pentachlorophenol	17.25	266	237	7.16 ng	#	20
77) Pyrene	19.46	202	23713	2.03 ng	#	92
83) Bis(2-ethylhexyl)phthalate	21.15	149	24427	3.34 ng	#	96
87) Benzo(b)fluoranthene	22.25	252	26049	2.48 ng	#	56
88) Benzo(k)fluoranthene	22.25	252	26049	2.84 ng	#	57

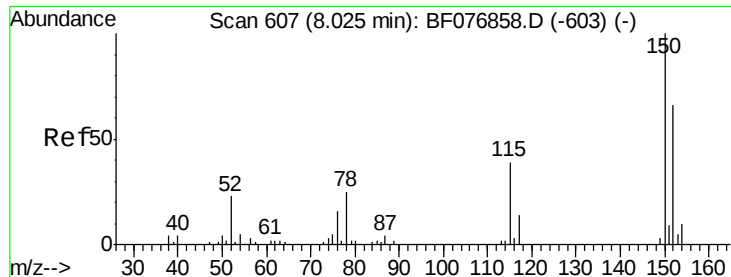
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.05 min

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ClientSampleId :

UB11BRE

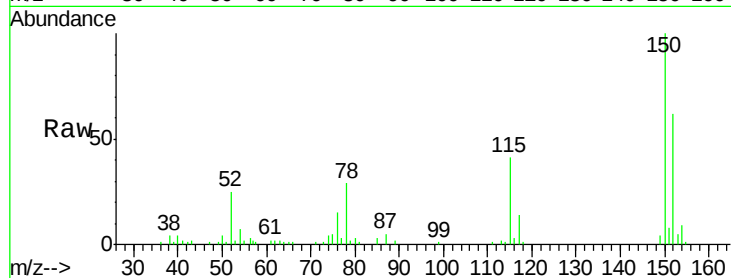
Tgt Ion:152 Resp: 48214

Ion Ratio Lower Upper

152 100

150 160.2 121.7 182.5

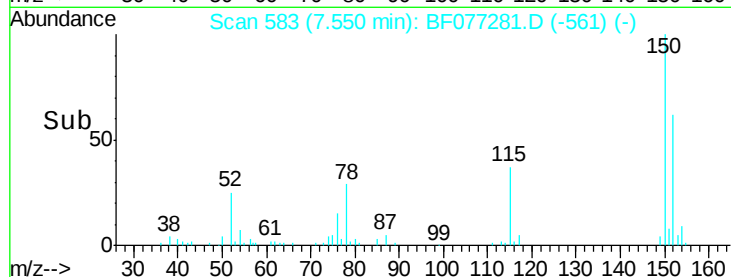
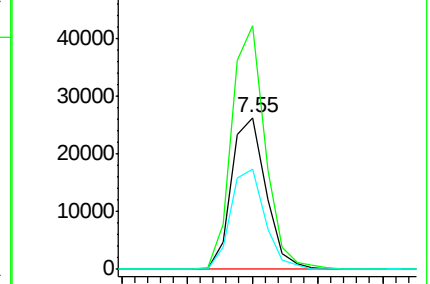
115 65.8 47.0 70.6



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: 36.89 ng

RT: 4.57 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF077281.D

Acq: 12 Feb 2015 10:44

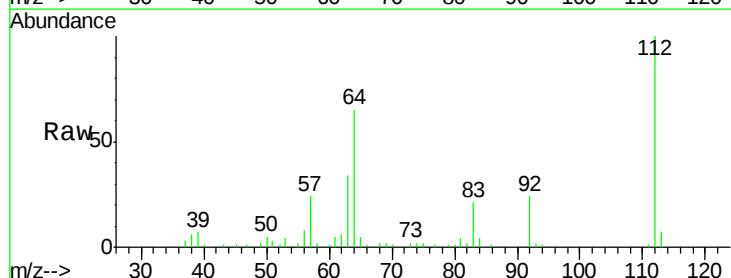
Tgt Ion:112 Resp: 108170

Ion Ratio Lower Upper

112 100

64 65.1 54.2 81.4

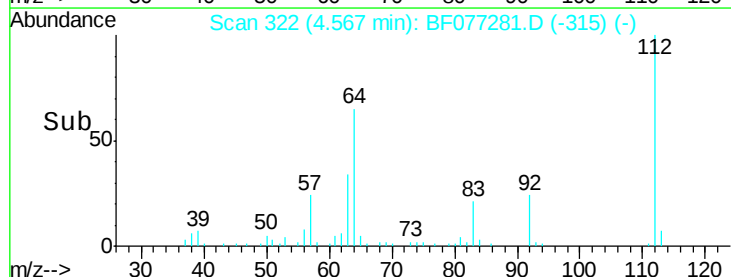
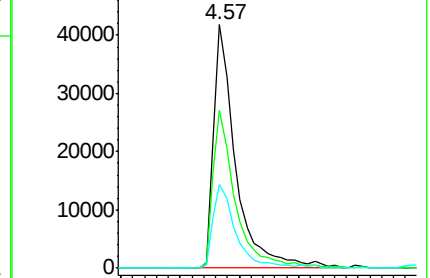
63 34.5 28.4 42.6

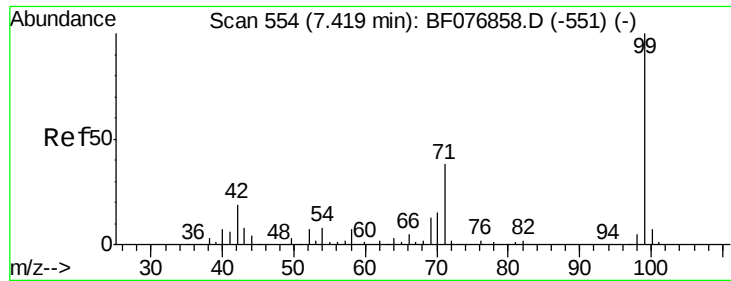


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.35 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF077281.D

Acq: 12 Feb 2015 10:44

Instrument :

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ClientSampleId :

UB11BRE

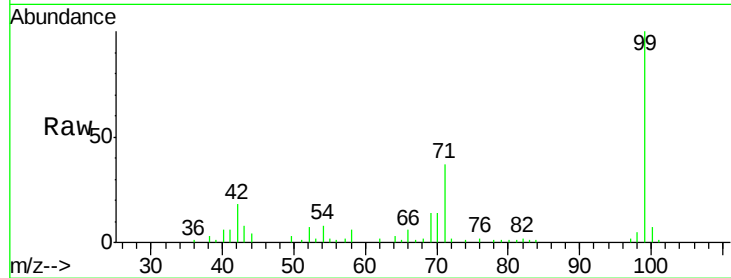
Tgt Ion: 99 Resp: 164060

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

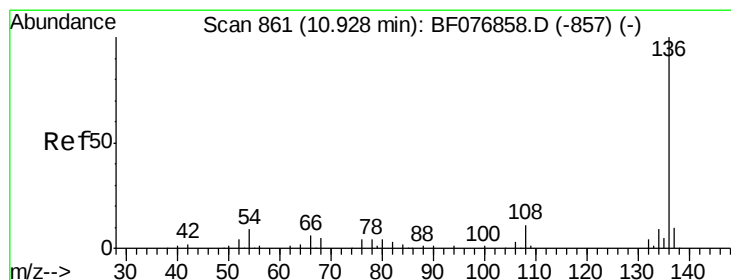
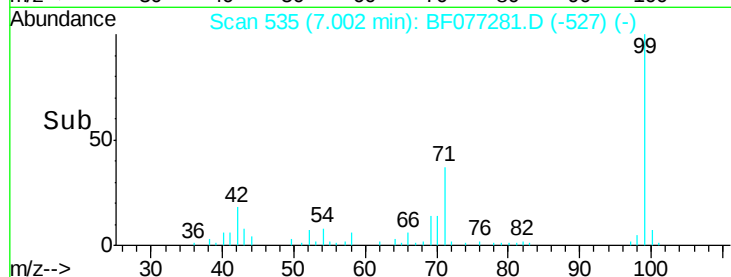
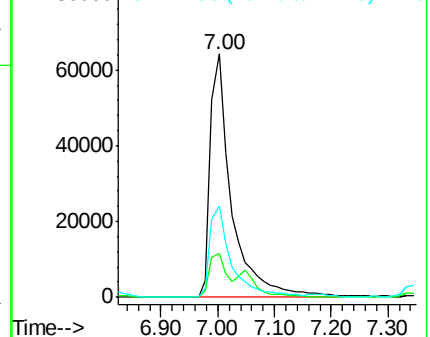
71 37.3 30.5 45.7



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: 10.46 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF077281.D

Acq: 12 Feb 2015 10:44

Tgt Ion: 136 Resp: 202838

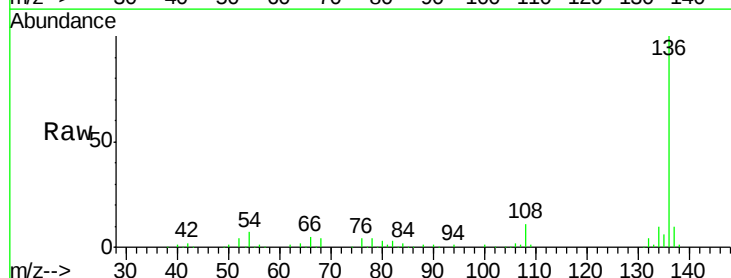
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 7.4 7.0 10.4

68 4.1 3.7 5.5

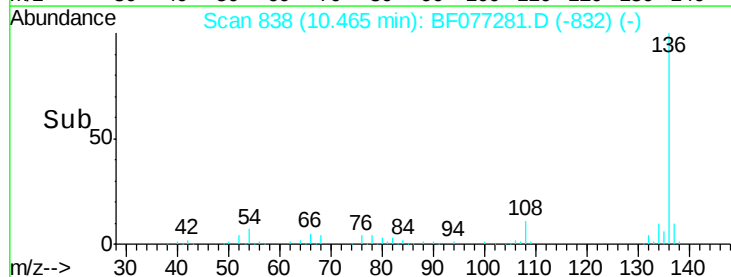
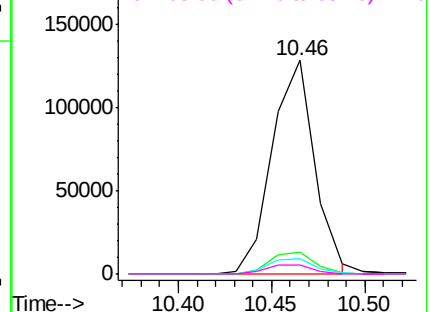


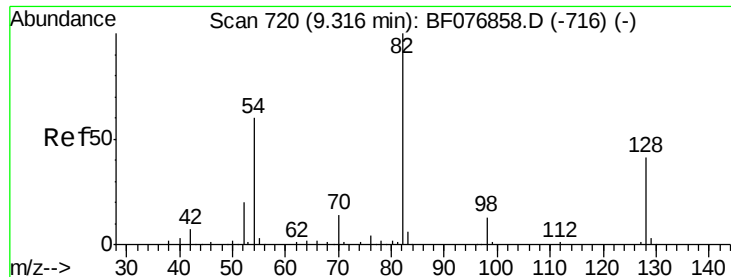
Abundance Ion 136.00 (135.70 to 136.70): E

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

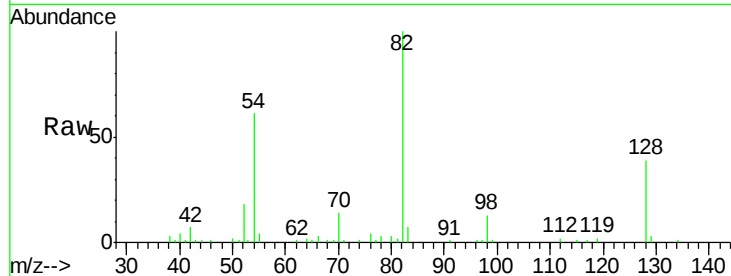




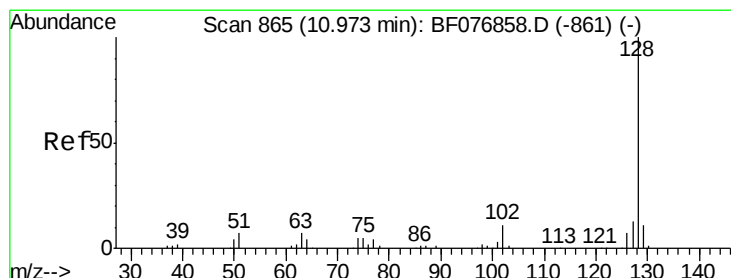
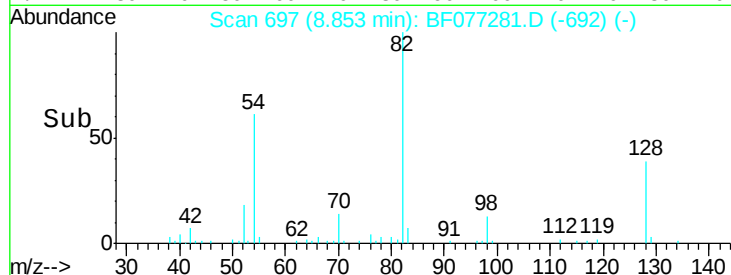
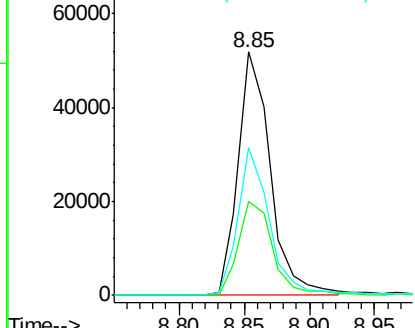
#23
 Nitrobenzene-d5
 Concen: 24.52 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

Instrument :
 BNA_F
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Tgt Ion: 82 Resp: 89757
 Ion Ratio Lower Upper
 82 100
 128 38.7 33.1 49.7
 54 60.9 48.3 72.5

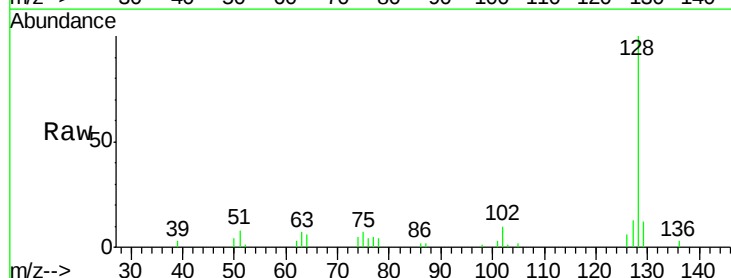


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

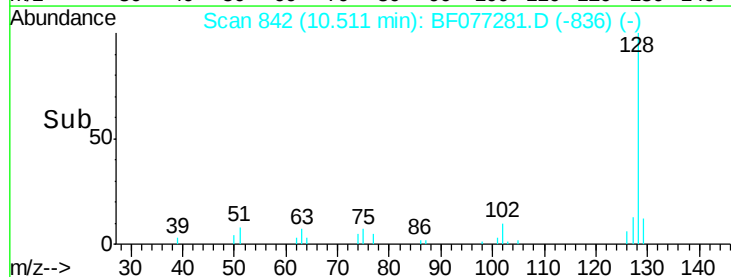
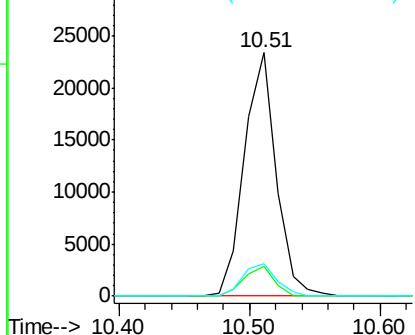


#31
 Naphthalene
 Concen: 3.81 ng
 RT: 10.51 min Scan# 842
 Delta R.T. -0.03 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

Tgt Ion: 128 Resp: 39832
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.0 13.6
 127 13.3 10.2 15.2



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: 14.58 min Scan# 1198

Delta R.T. -0.05 min

Lab File: BF077281.D

Acq: 12 Feb 2015 10:44

Instrument :

BNA_F

ClientSampleId :

UB11BRE

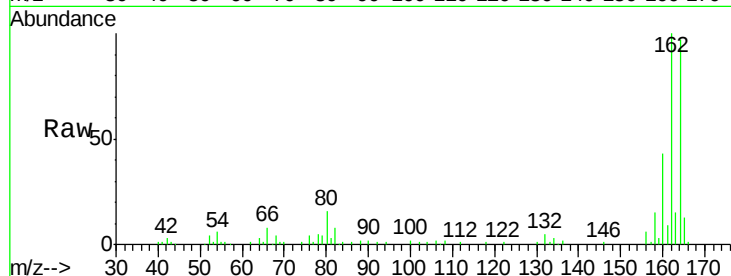
Tgt Ion:164 Resp: 111963

Ion Ratio Lower Upper

164 100

162 102.6 82.4 123.6

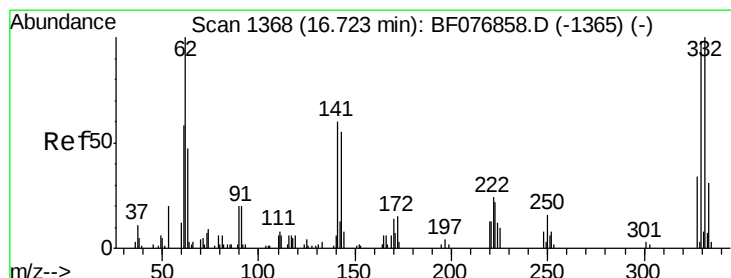
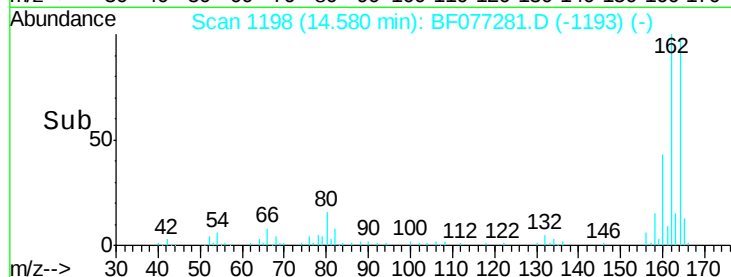
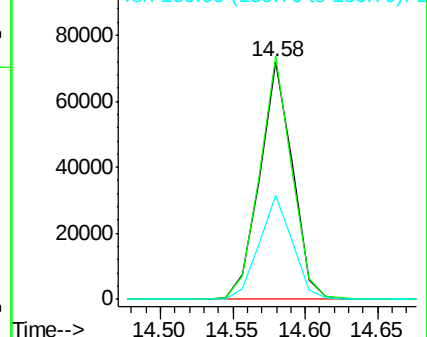
160 44.1 34.8 52.2



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: 14.34 ng

RT: 16.35 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF077281.D

Acq: 12 Feb 2015 10:44

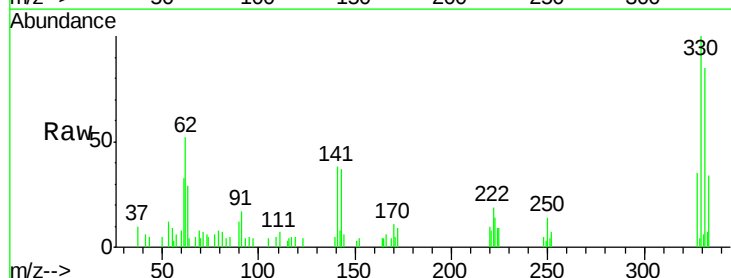
Tgt Ion:330 Resp: 13033

Ion Ratio Lower Upper

330 100

332 90.9 77.8 116.6

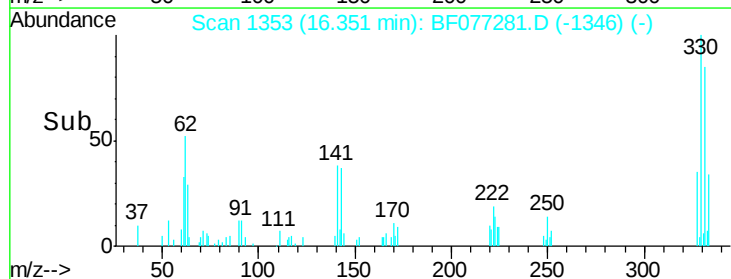
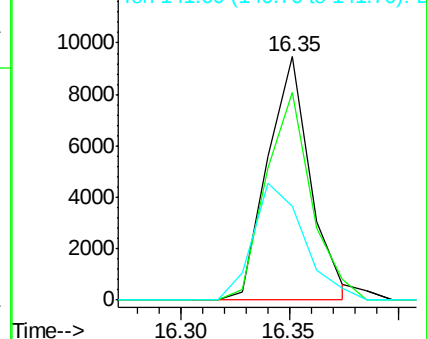
141 57.2 38.5 57.7

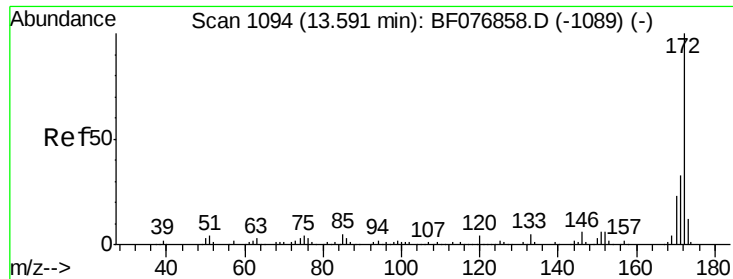


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

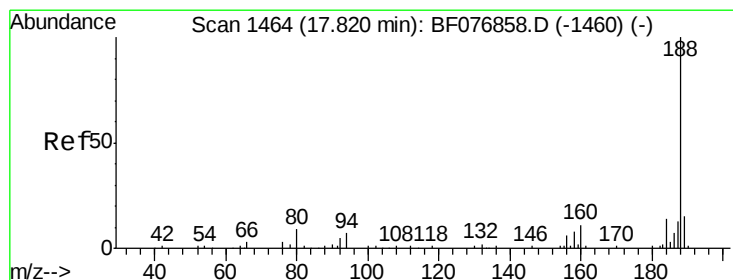
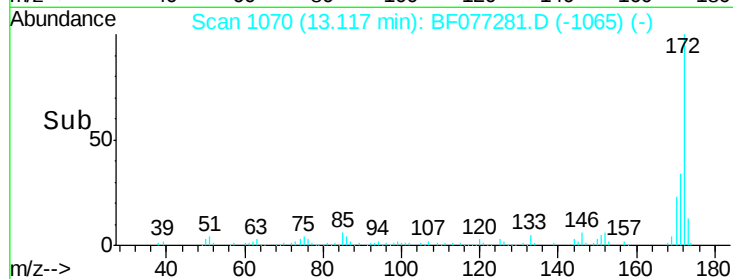
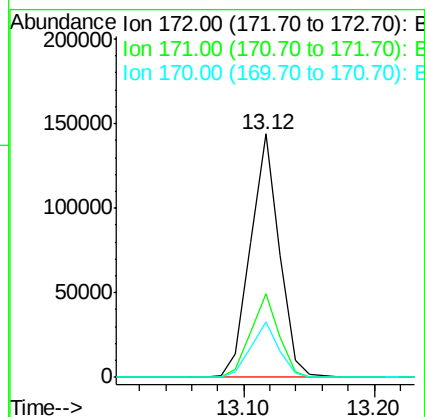
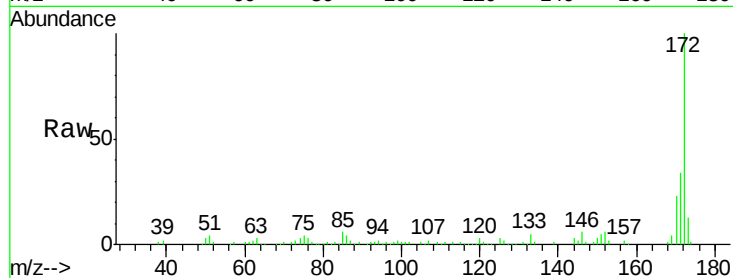




#44
 2-Fluorobiphenyl
 Concen: 30.18 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. -0.05 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

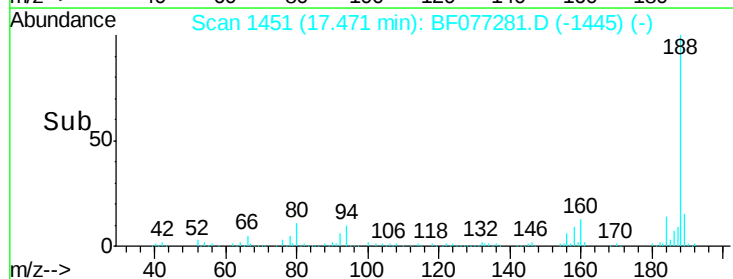
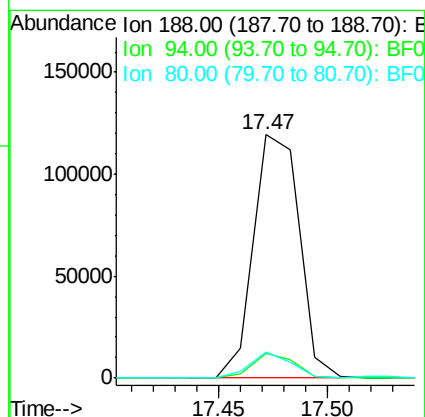
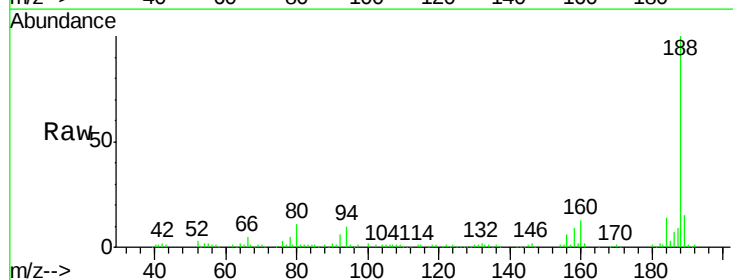
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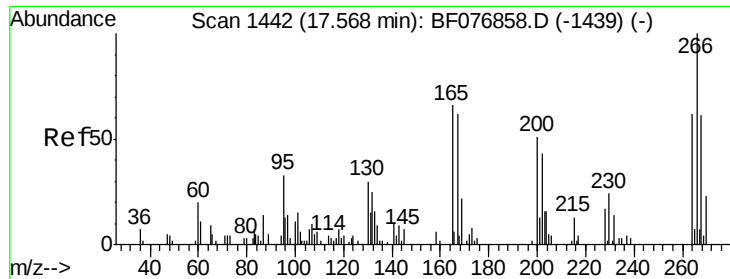
Tgt Ion:172 Resp: 222020
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.6 40.0
 170 22.8 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. -0.03 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

Tgt Ion:188 Resp: 176517
 Ion Ratio Lower Upper
 188 100
 94 10.0 6.0 9.0#
 80 10.7 6.9 10.3#

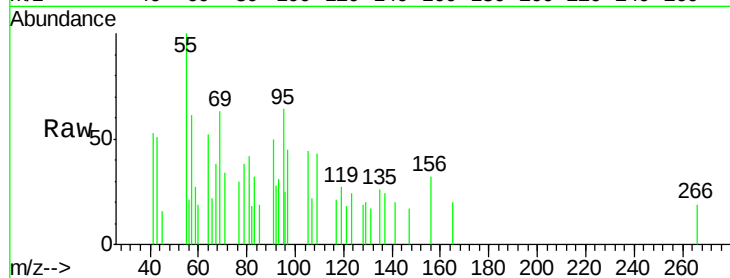




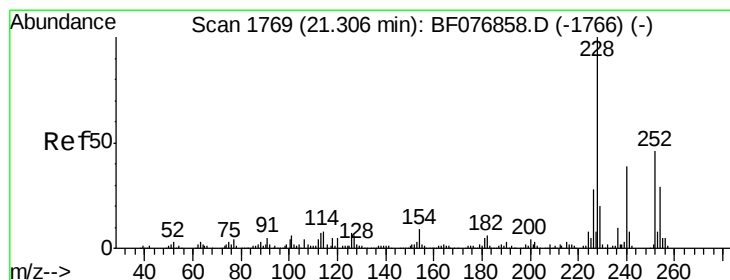
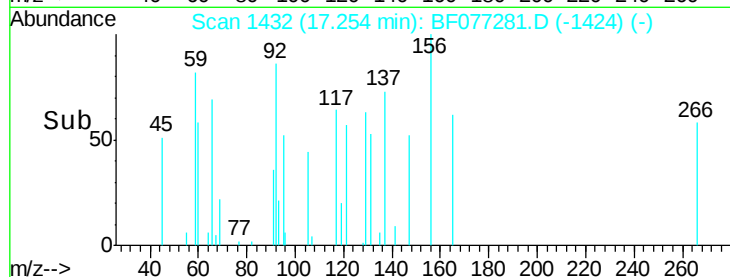
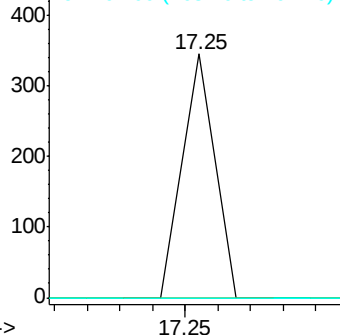
#69
 Pentachlorophenol
 Concen: 7.16 ng
 RT: 17.25 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

Instrument :
 BNA_F
 ClientSampleId :
 UB11BRE

Tgt Ion: 266 Resp: 237
 Ion Ratio Lower Upper
 266 100
 268 0.0 48.6 72.8#
 264 0.0 49.5 74.3#

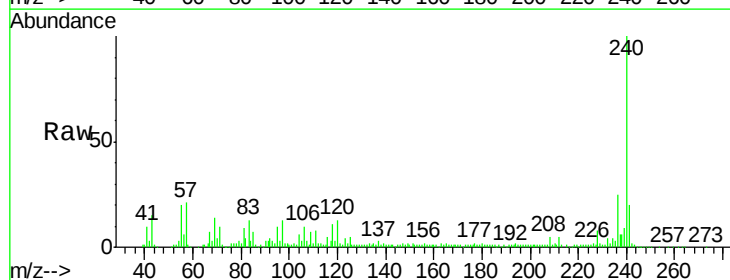


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

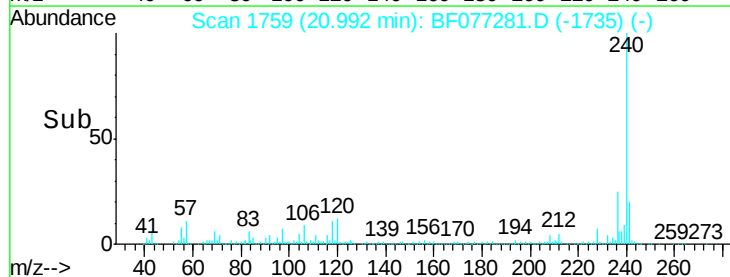
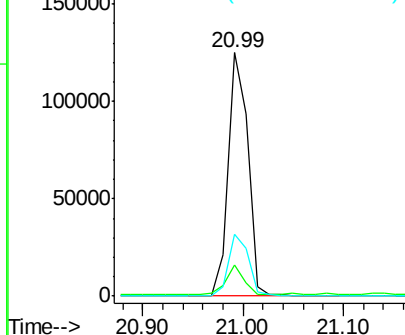


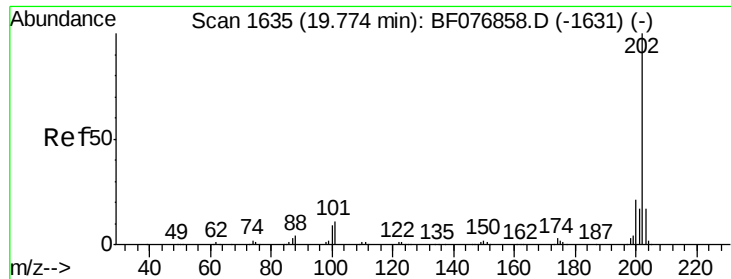
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.99 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

Tgt Ion: 240 Resp: 170188
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.4 15.6
 236 25.5 20.2 30.2



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

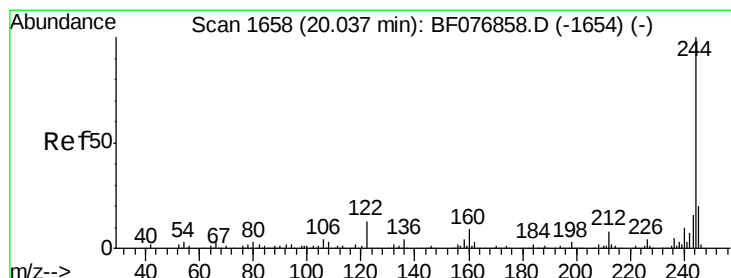
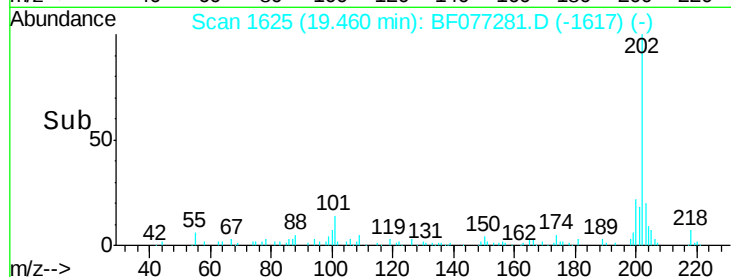
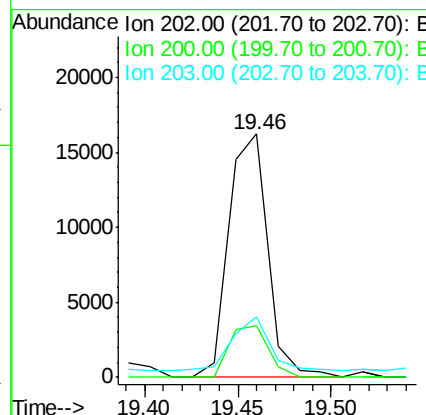
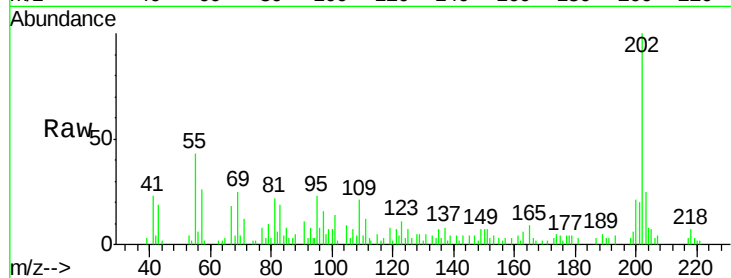




#77
 Pyrene
 Concen: 2.03 ng
 RT: 19.46 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

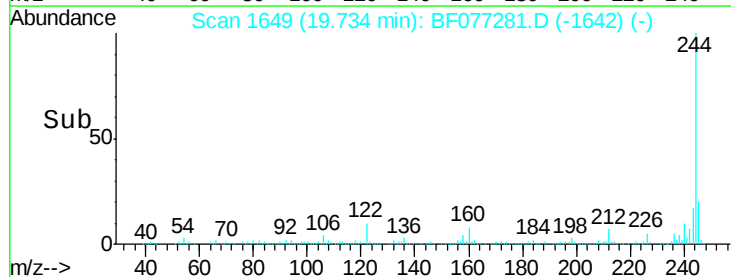
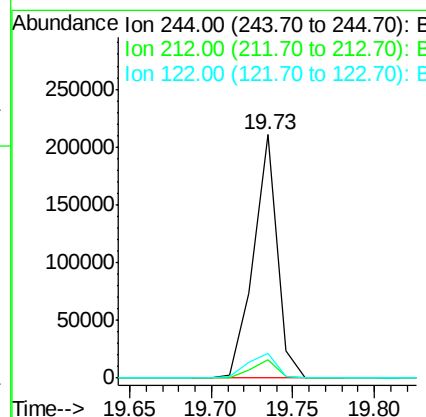
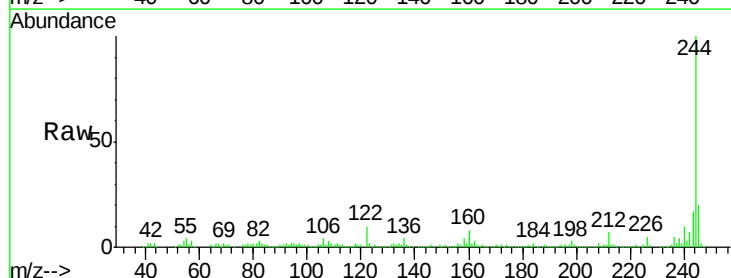
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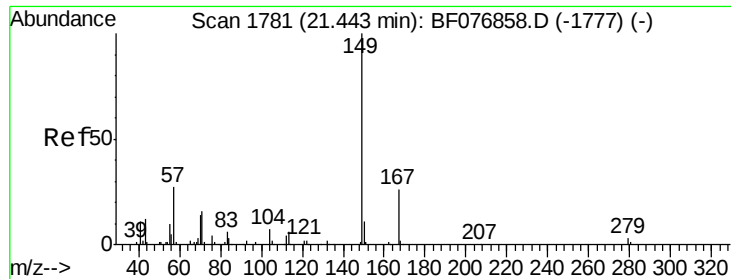
Tgt Ion:202 Resp: 23713
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 24.7 14.0 21.0#



#78
 Terphenyl-d14
 Concen: 28.87 ng
 RT: 19.73 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

Tgt Ion:244 Resp: 213397
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 10.4 10.1 15.1

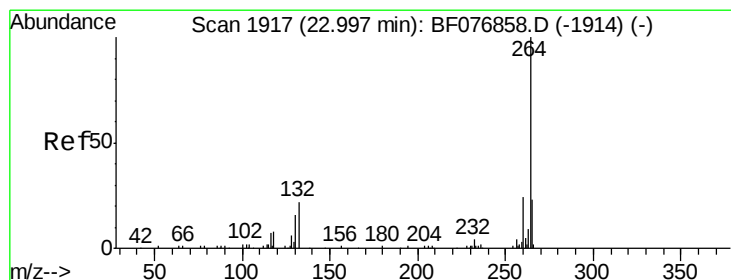
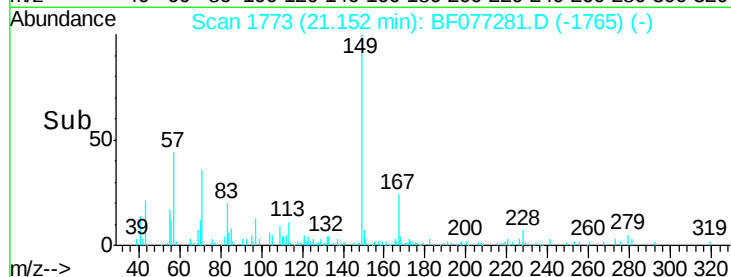
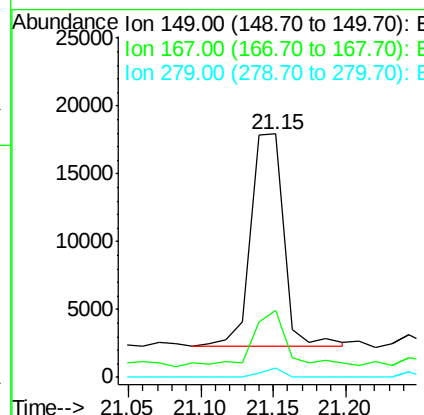
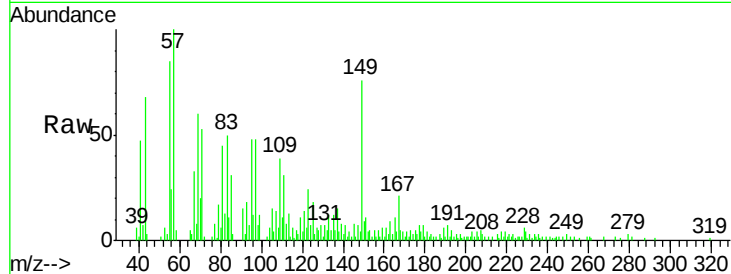




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.34 ng
 RT: 21.15 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

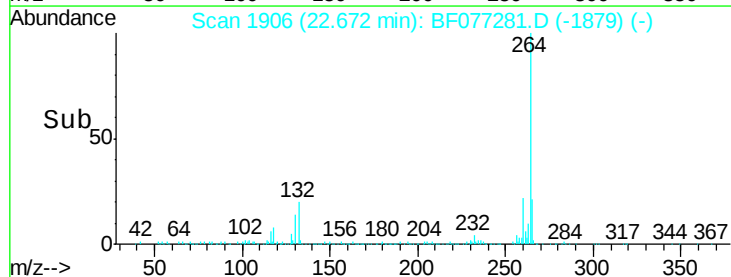
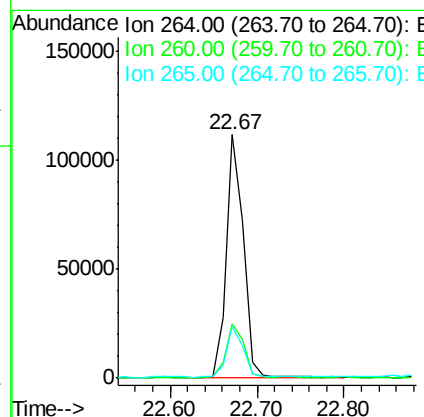
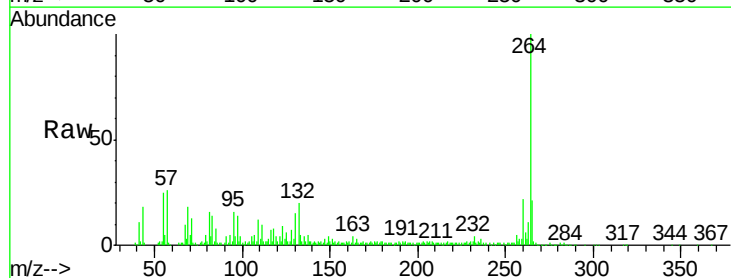
Instrument :
 BNA_F
 ClientSampleId :
 UB11BRE

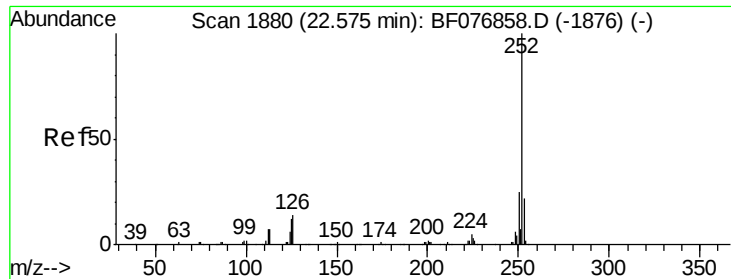
Tgt Ion:149 Resp: 24427
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.6 30.8
 279 4.1 2.2 3.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.67 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BF077281.D
 Acq: 12 Feb 2015 10:44

Tgt Ion:264 Resp: 155690
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 21.2 18.1 27.1

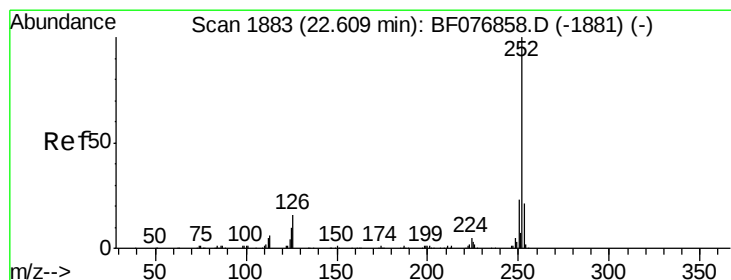
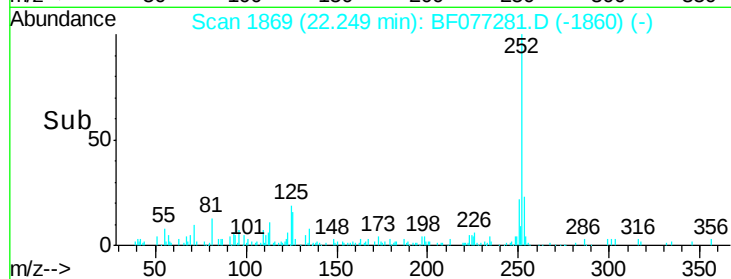
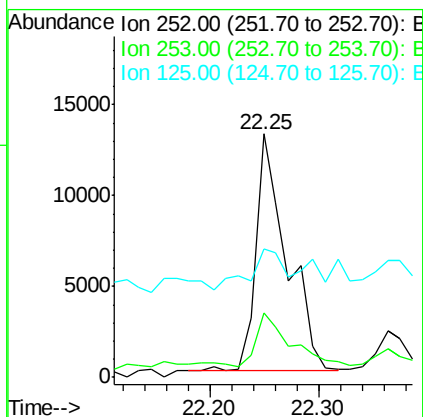
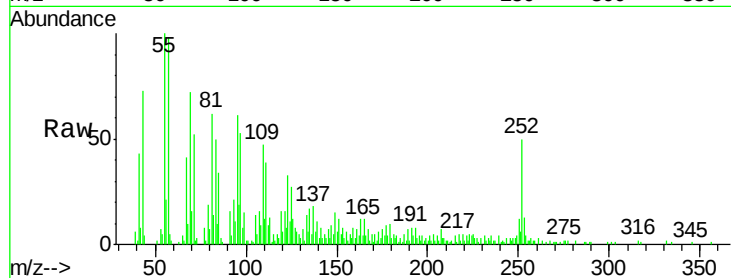




#87
Benzo(b)fluoranthene
Concen: 2.48 ng
RT: 22.25 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077281.D
Acq: 12 Feb 2015 10:44

Instrument :
BNA_F
ClientSampleId :
UB11BRE

Tgt Ion:252 Resp: 26049
Ion Ratio Lower Upper
252 100
253 26.6 17.5 26.3#
125 53.0 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 2.84 ng
RT: 22.25 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077281.D
Acq: 12 Feb 2015 10:44

Tgt Ion:252 Resp: 26049
Ion Ratio Lower Upper
252 100
253 26.6 17.2 25.8#
125 53.0 7.1 10.7#

