

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078567.D
 Acq On : 16 Apr 2015 15:59
 Operator : TP/IZ
 Sample : G1890-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Apr 17 01:21:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 00:52:22 2015
 Response via : Initial Calibration

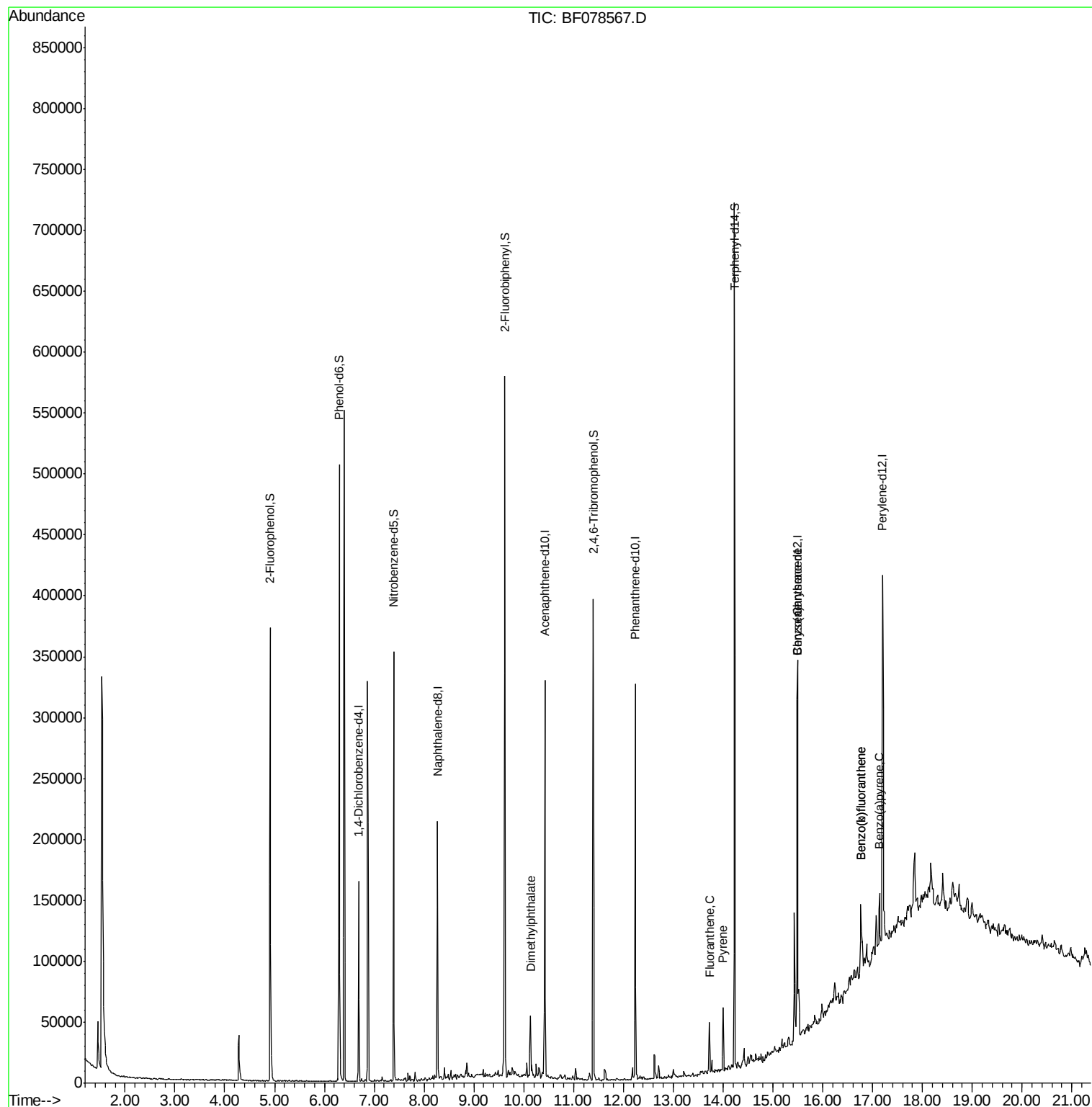
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	28651	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	124578	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	65054	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	128385	20.00	ng	0.00
75) Chrysene-d12	15.50	240	145441	20.00	ng	0.01
86) Perylene-d12	17.20	264	148227	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	141643	81.51	ng	0.01
7) Phenol-d6	6.30	99	190606	87.52	ng	0.00
23) Nitrobenzene-d5	7.39	82	110556	53.79	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	48683	90.23	ng	0.00
44) 2-Fluorobiphenyl	9.62	172	224401	49.31	ng	0.00
78) Terphenyl-d14	14.23	244	275849	42.86	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.14	163	21280	4.35	ng	# 98
74) Fluoranthene	13.73	202	18966	2.42	ng	97
77) Pyrene	14.00	202	21296	2.33	ng	97
80) Benzo(a)anthracene	15.49	228	19608	2.27	ng	93
82) Chrysene	15.49	228	19606	2.41	ng	98
87) Benzo(b)fluoranthene	16.77	252	42337	4.62	ng	# 90
88) Benzo(k)fluoranthene	16.77	252	42583	5.23	ng	96
89) Benzo(a)pyrene	17.14	252	21551	2.70	ng	# 89

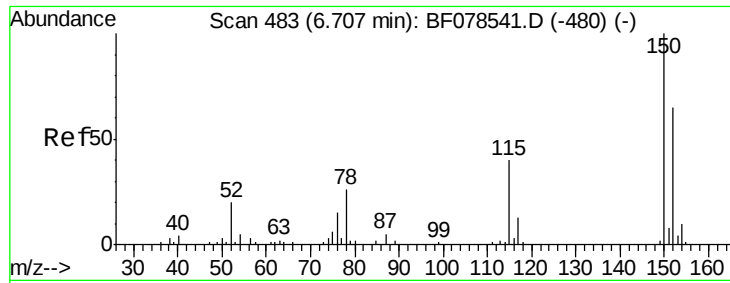
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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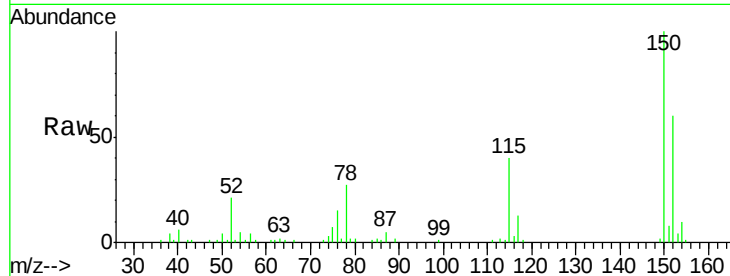




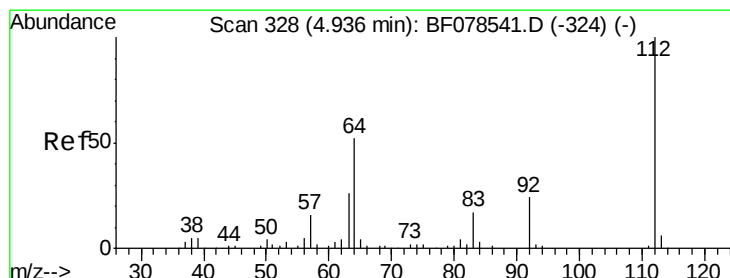
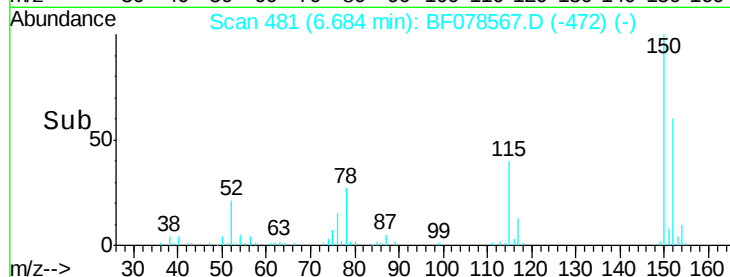
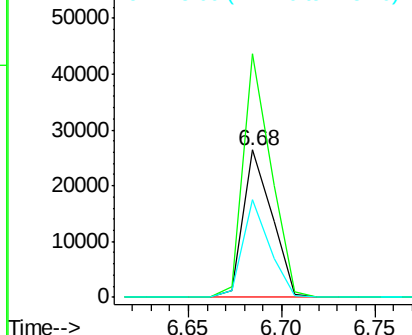
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:152 Resp: 28651
 Ion Ratio Lower Upper
 152 100
 150 165.3 125.9 188.9
 115 66.1 52.7 79.1

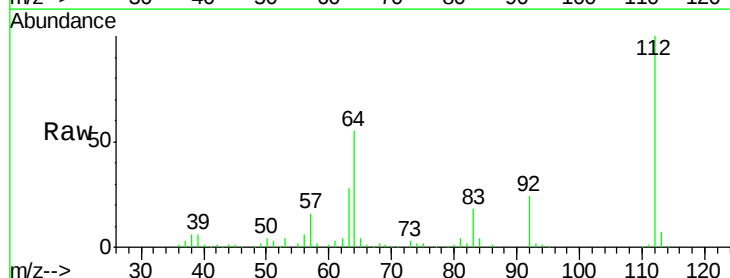


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

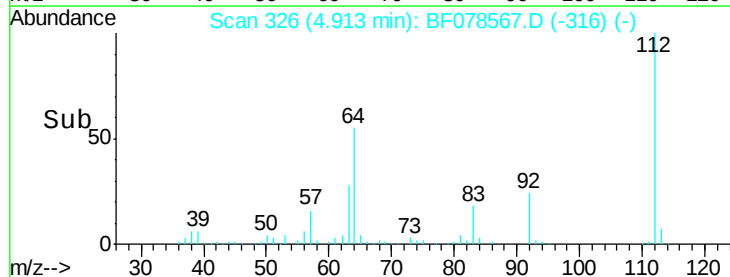
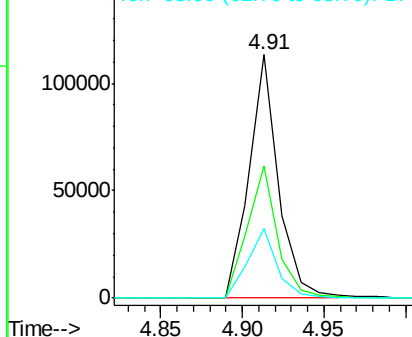


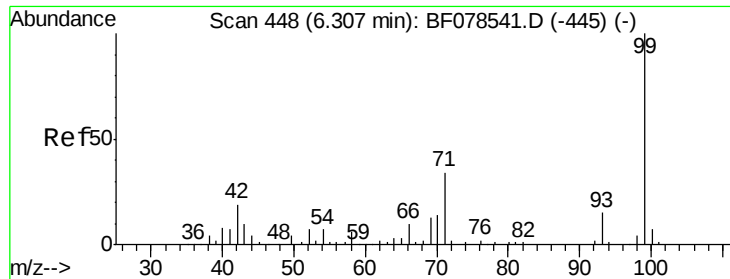
#5
 2-Fluorophenol
 Concen: 81.51 ng
 RT: 4.91 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

Tgt Ion:112 Resp: 141643
 Ion Ratio Lower Upper
 112 100
 64 54.5 39.9 59.9
 63 28.3 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: 87.52 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078567.D

Acq: 16 Apr 2015 15:59

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

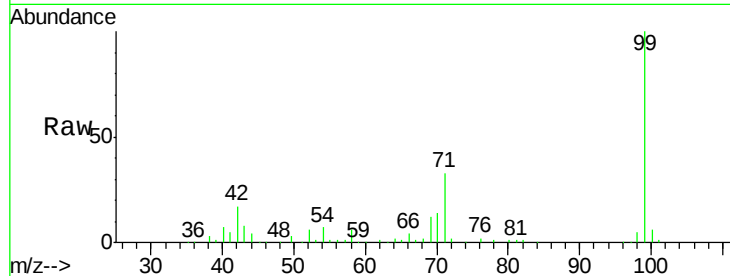
Tgt Ion: 99 Resp: 190606

Ion Ratio Lower Upper

99 100

42 16.6 14.8 22.2

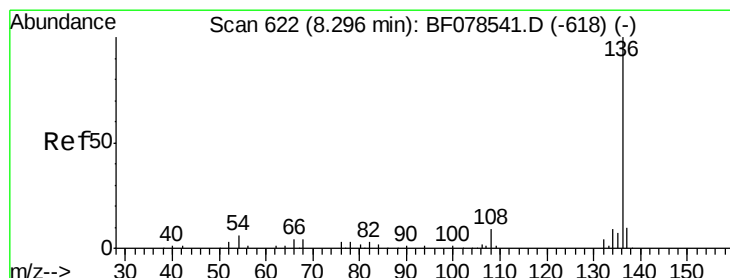
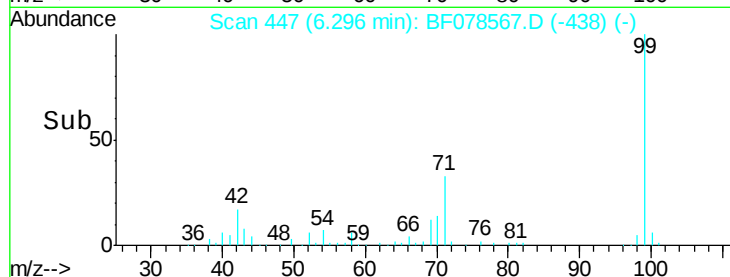
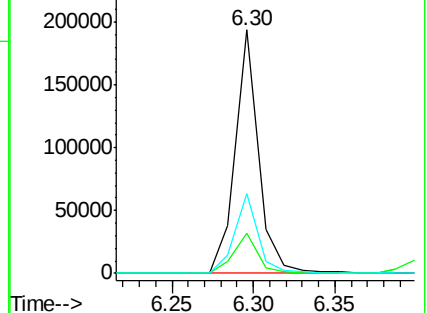
71 32.5 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF078567.D

Acq: 16 Apr 2015 15:59

Tgt Ion: 136 Resp: 124578

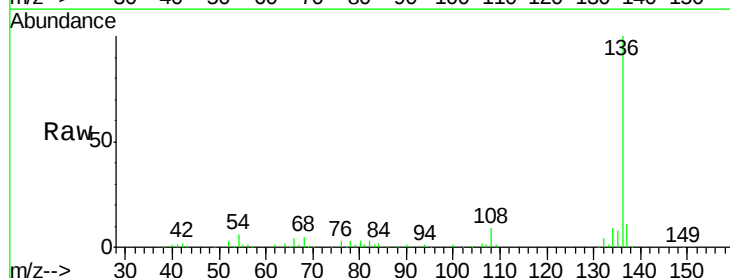
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.5 7.0 10.6#

68 4.6 5.4 8.2#

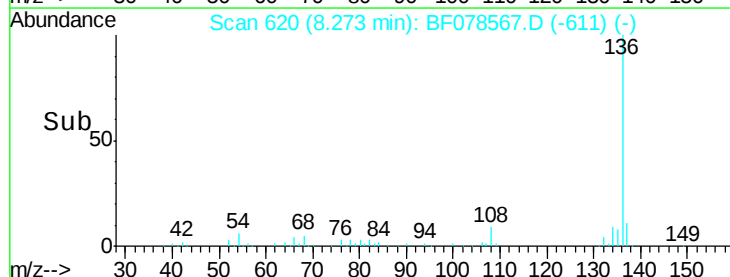
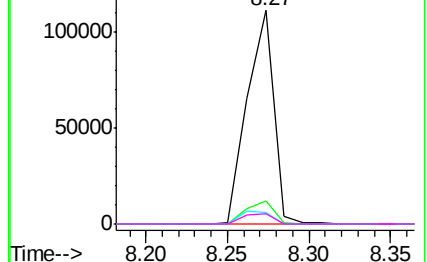


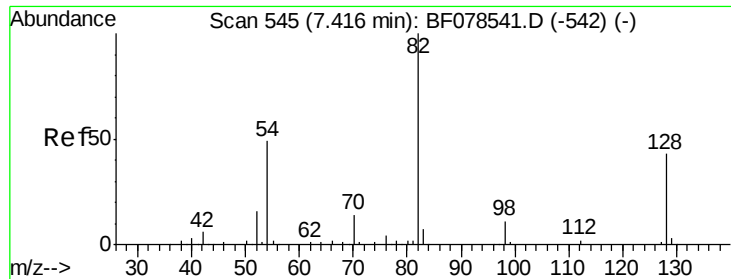
Abundance Ion 136.00 (135.70 to 136.70): E

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

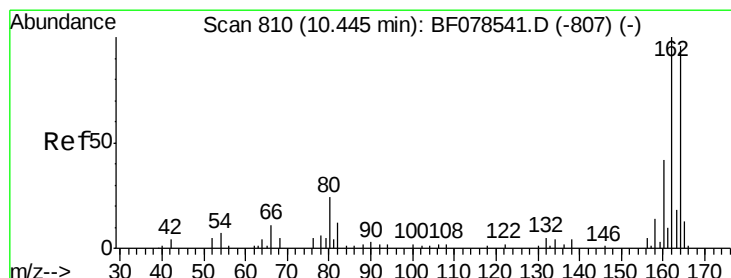
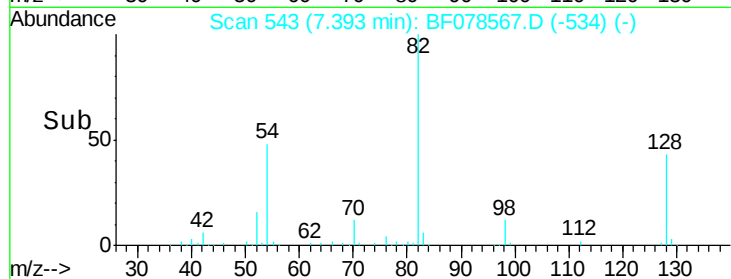
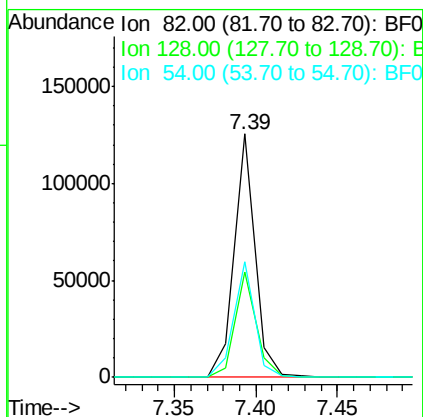
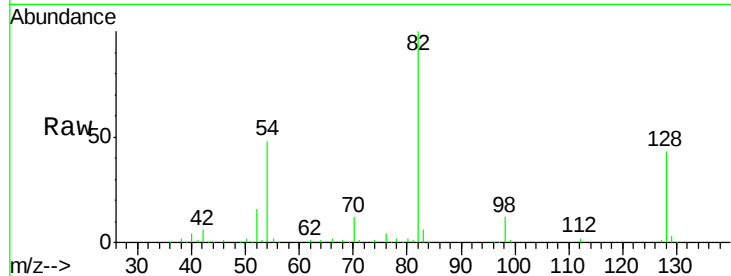




#23
 Nitrobenzene-d5
 Concen: 53.79 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

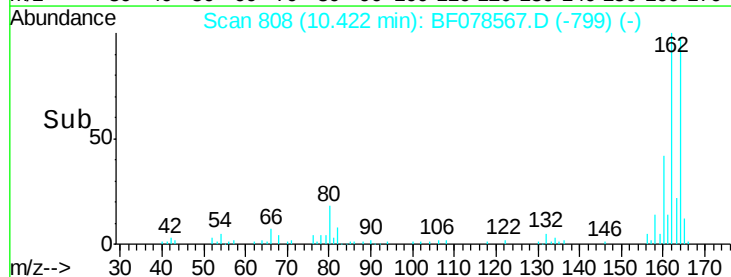
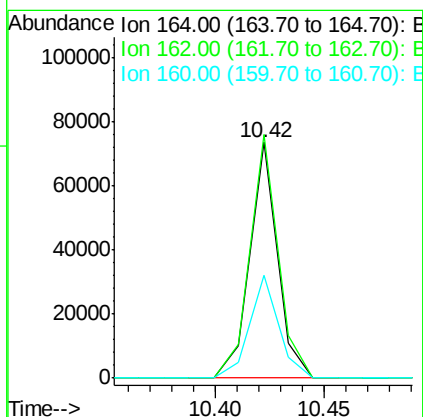
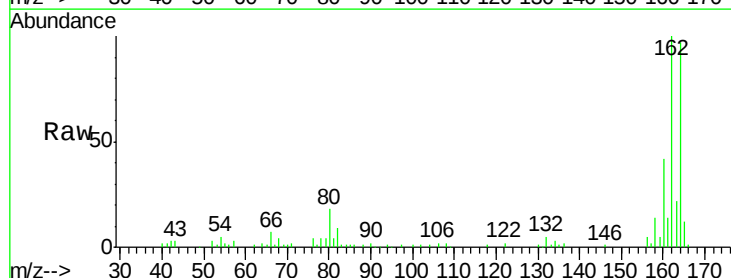
Instrument :
 BNA_F
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 SB-03-COMP

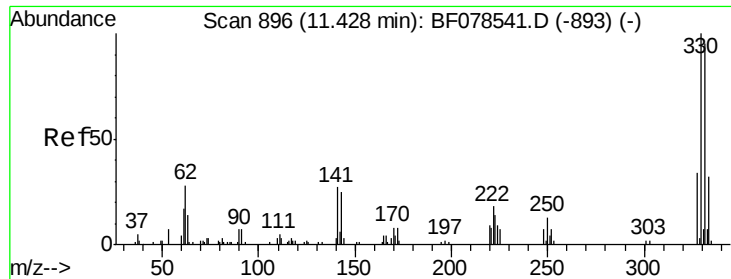
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.8	47.8
54	47.7	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	43.7	34.7	52.1

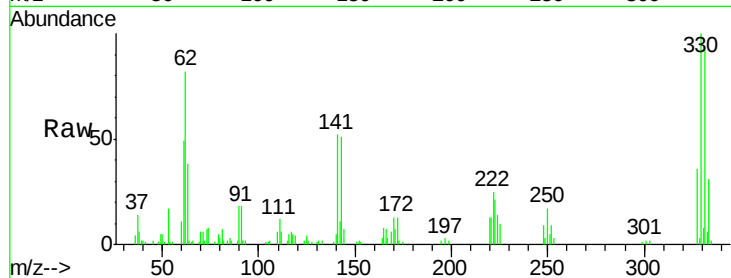




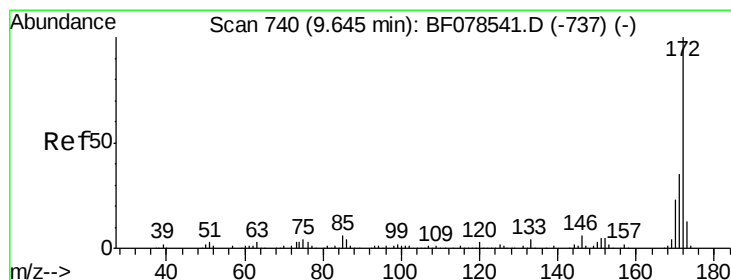
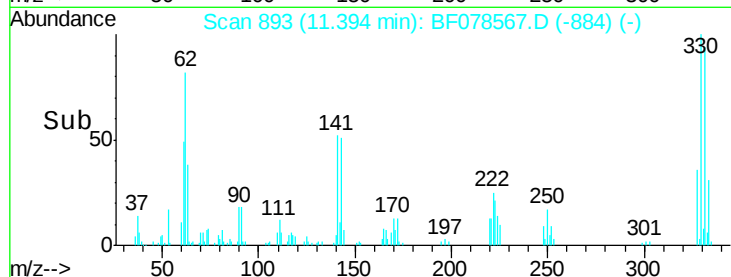
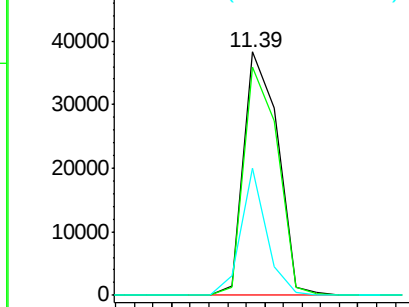
#41
 2,4,6-Tribromophenol
 Concen: 90.23 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:330 Resp: 48683
 Ion Ratio Lower Upper
 330 100
 332 93.4 78.6 117.8
 141 39.4 31.2 46.8

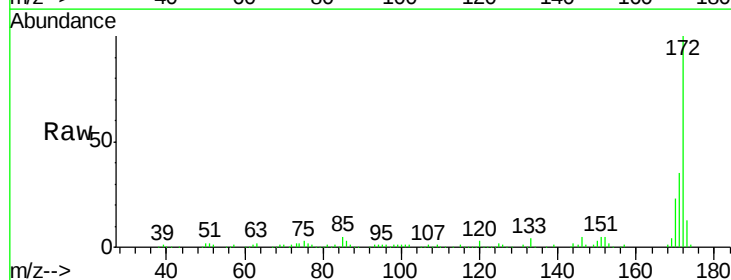


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

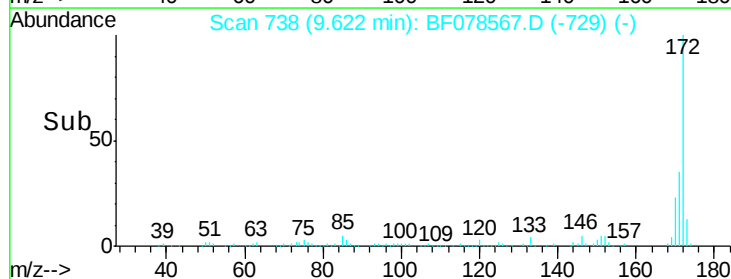
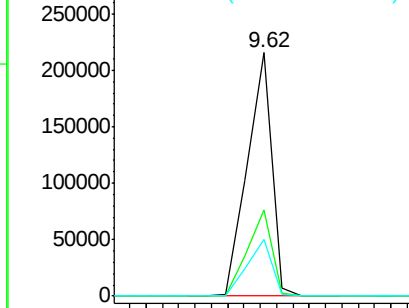


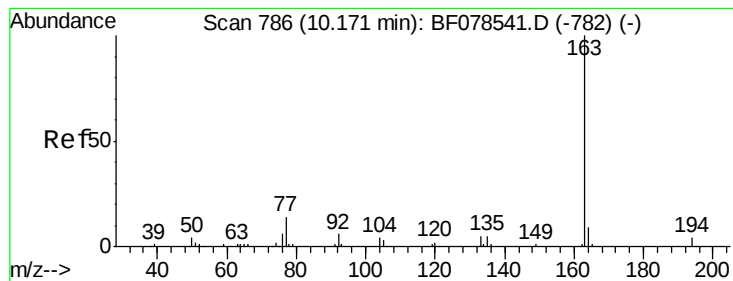
#44
 2-Fluorobiphenyl
 Concen: 49.31 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

Tgt Ion:172 Resp: 224401
 Ion Ratio Lower Upper
 172 100
 171 35.1 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





#49

Dimethylphthalate

Concen: 4.35 ng

RT: 10.14 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF078567.D

Acq: 16 Apr 2015 15:59

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

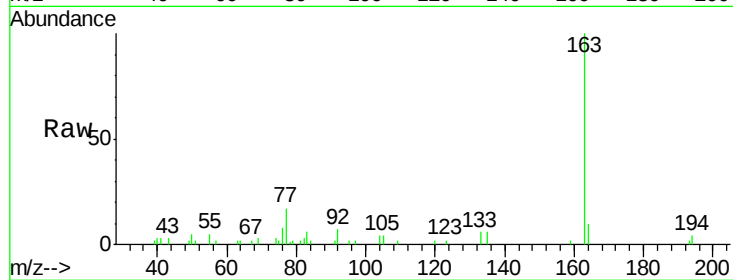
Tgt Ion:163 Resp: 21280

Ion Ratio Lower Upper

163 100

194 3.7 2.3 3.5#

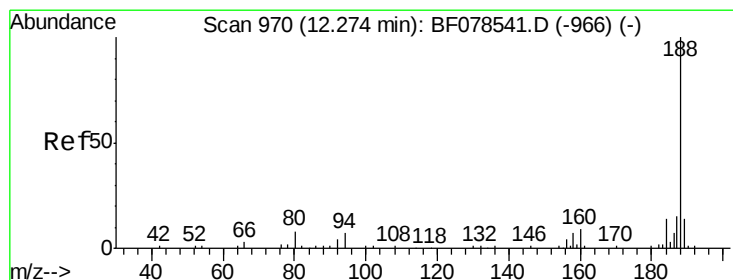
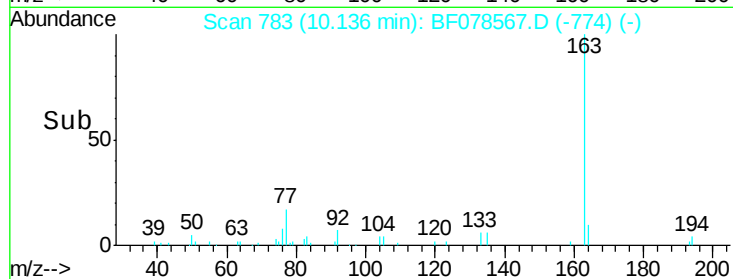
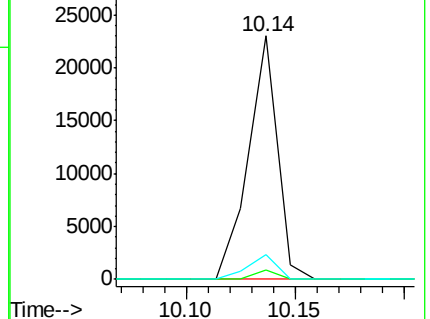
164 9.9 8.6 13.0



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: 12.24 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF078567.D

Acq: 16 Apr 2015 15:59

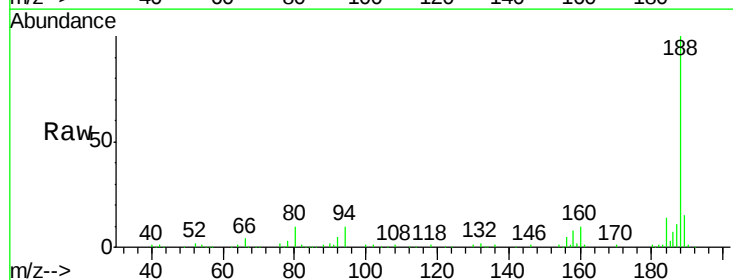
Tgt Ion:188 Resp: 128385

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

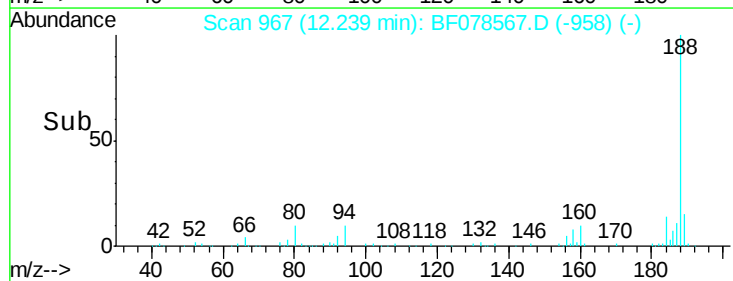
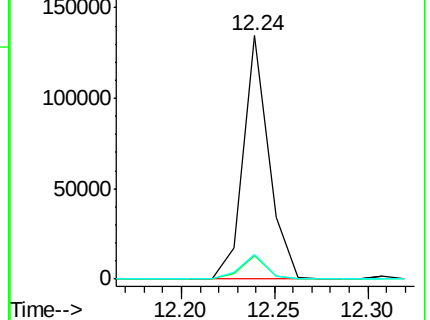
80 10.4 9.5 14.3

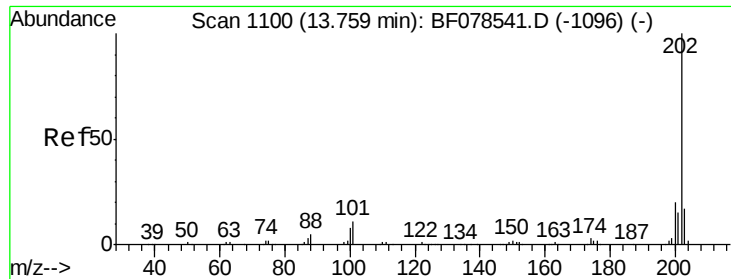


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

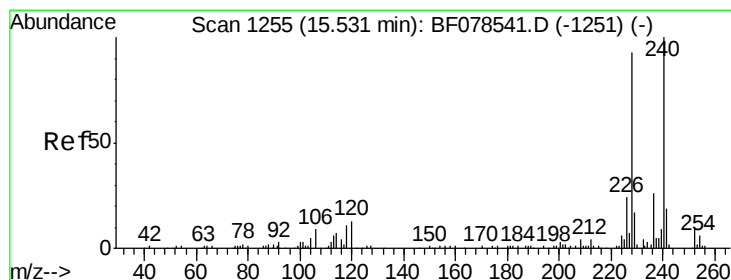
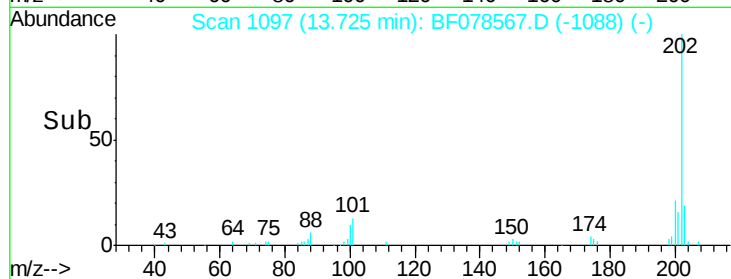
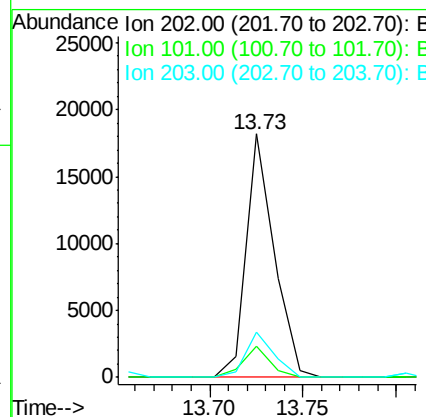
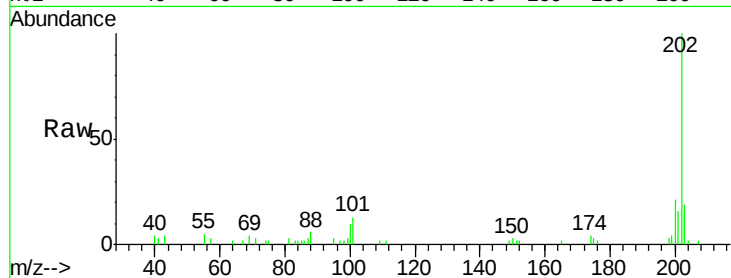




#74
 Fluoranthene
 Concen: 2.42 ng
 RT: 13.73 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

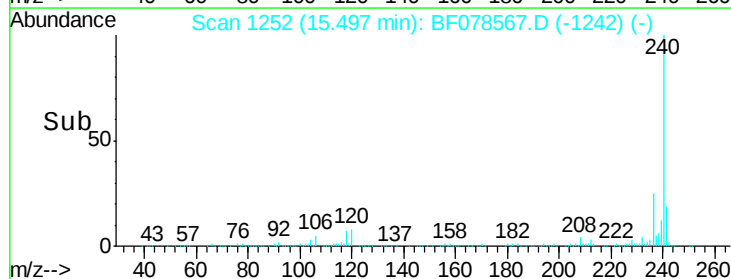
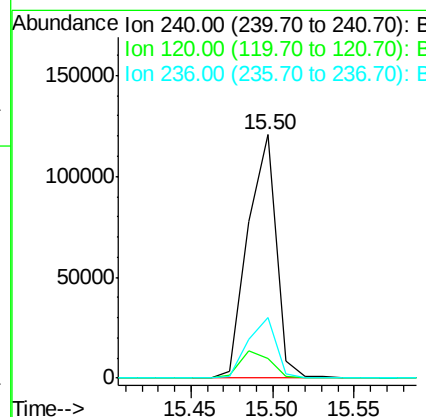
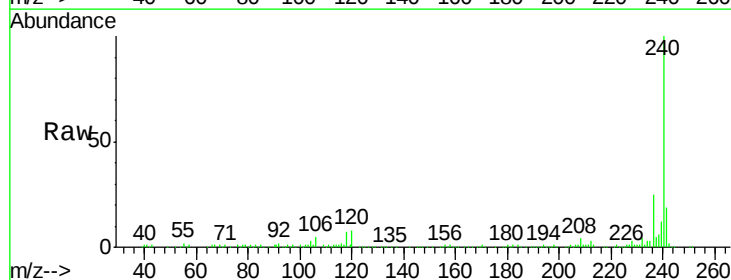
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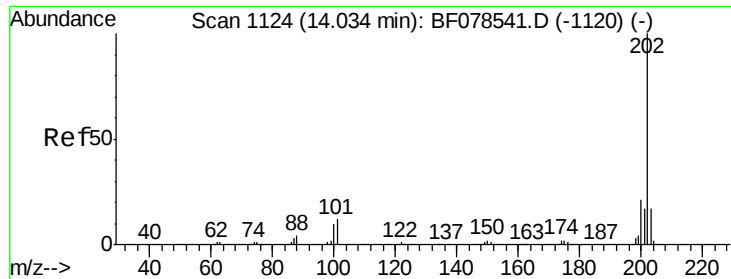
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	35.2
203	18.5	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.1	10.7
236	24.9	21.4	32.2

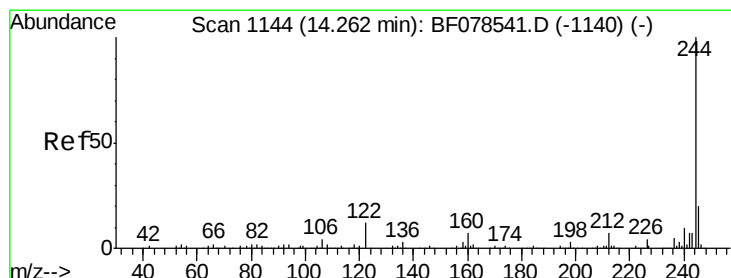
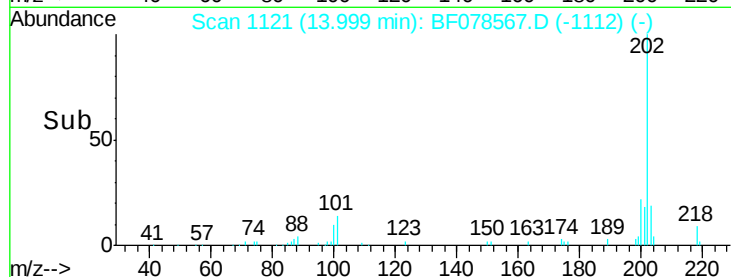
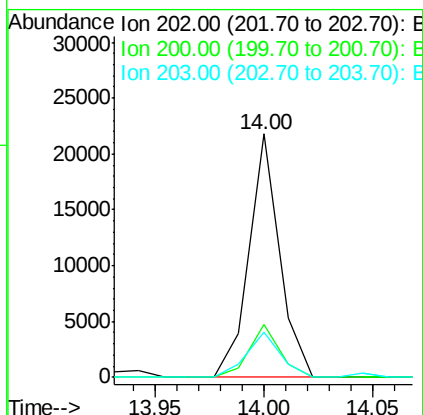
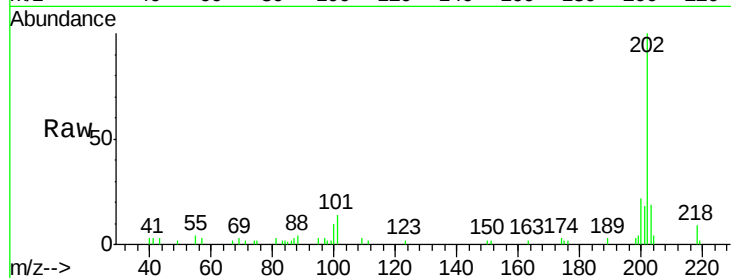




#77
 Pyrene
 Concen: 2.33 ng
 RT: 14.00 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

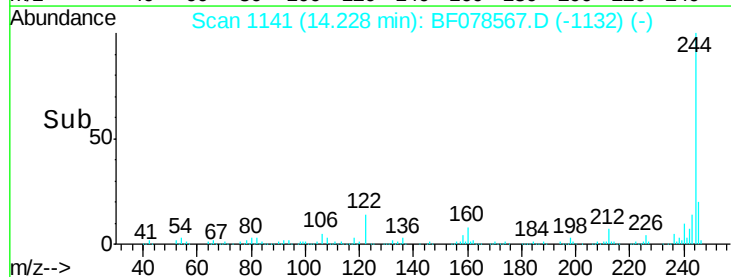
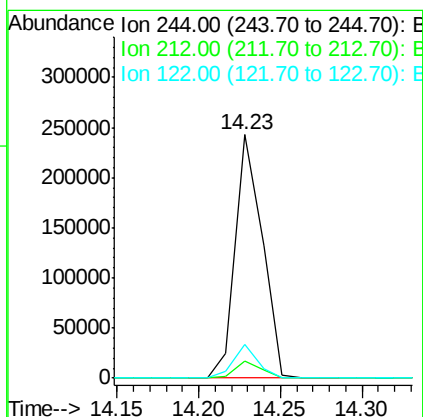
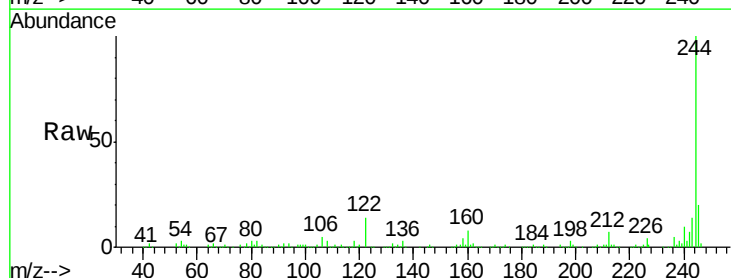
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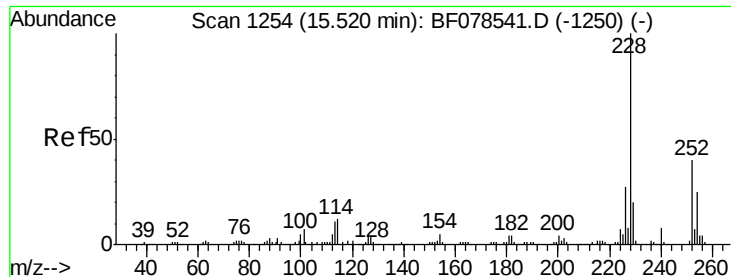
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.3	24.5
203	18.7	13.8	20.6



#78
 Terphenyl-d14
 Concen: 42.86 ng
 RT: 14.23 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF078567.D
 Acq: 16 Apr 2015 15:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	13.7	7.1	10.7





#80

Benzo(a)anthracene

Concen: 2.27 ng

RT: 15.49 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF078567.D

Acq: 16 Apr 2015 15:59

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

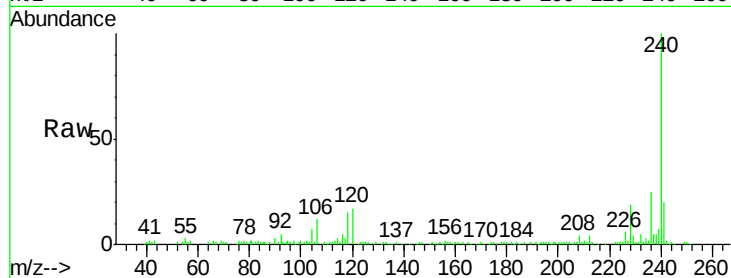
Tgt Ion:228 Resp: 19608

Ion Ratio Lower Upper

228 100

226 30.8 21.3 31.9

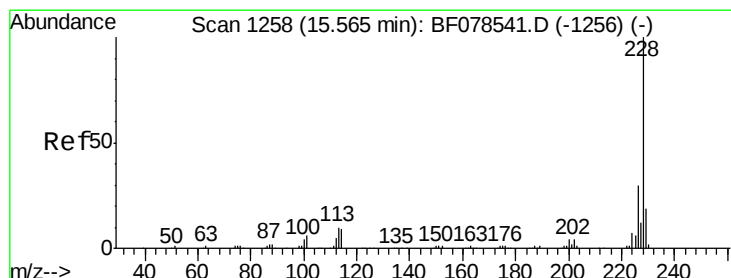
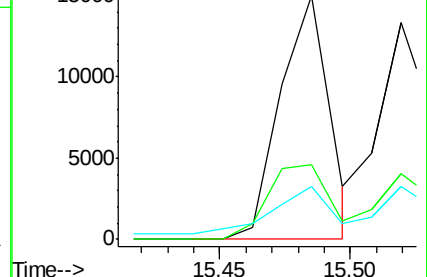
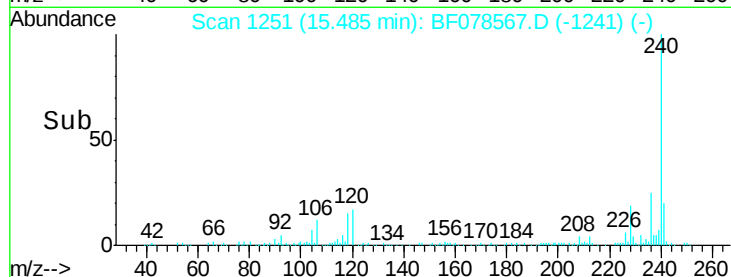
229 21.7 15.4 23.2



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: 2.41 ng

RT: 15.49 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF078567.D

Acq: 16 Apr 2015 15:59

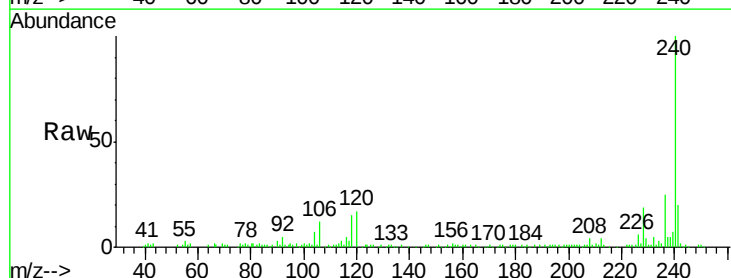
Tgt Ion:228 Resp: 19606

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

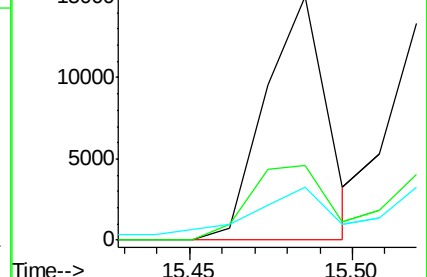
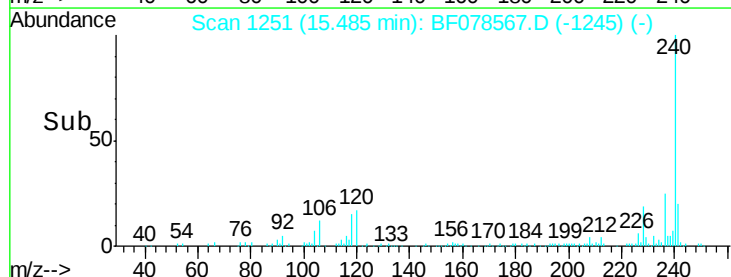
229 21.7 15.8 23.8

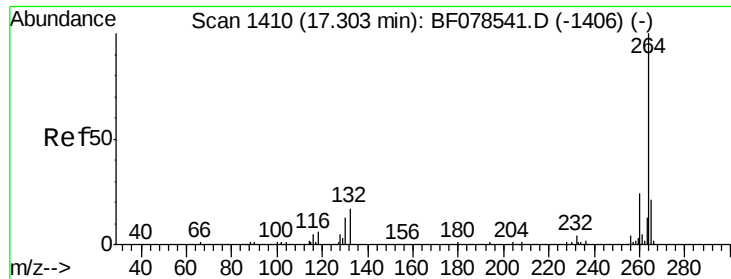


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.20 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF078567.D

Acq: 16 Apr 2015 15:59

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

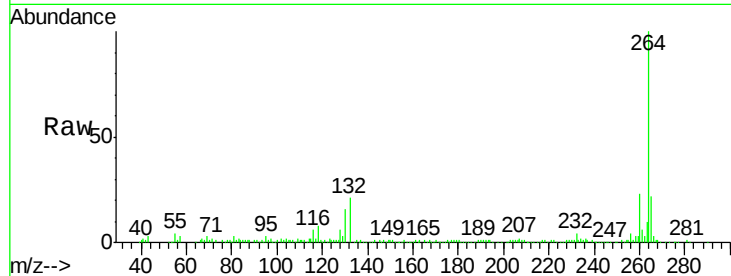
Tgt Ion:264 Resp: 148227

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.6 17.0 25.6



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

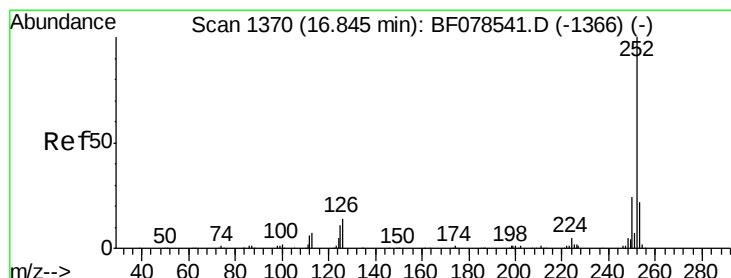
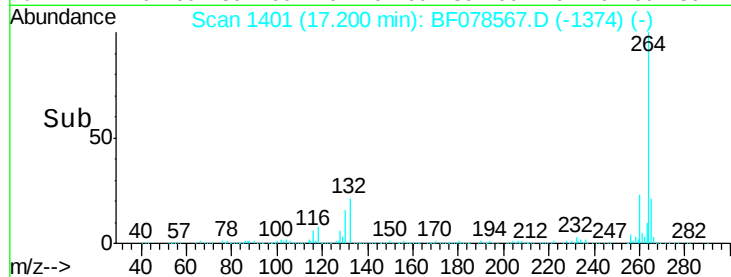
17.20

100000

50000

0

Time--> 17.10 17.20 17.30



#87

Benzo(b)fluoranthene

Concen: 4.62 ng

RT: 16.77 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF078567.D

Acq: 16 Apr 2015 15:59

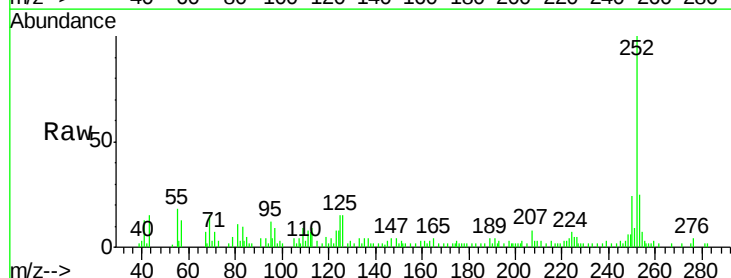
Tgt Ion:252 Resp: 42337

Ion Ratio Lower Upper

252 100

253 24.9 17.2 25.8

125 14.9 7.0 10.4#



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

16.77

25000

20000

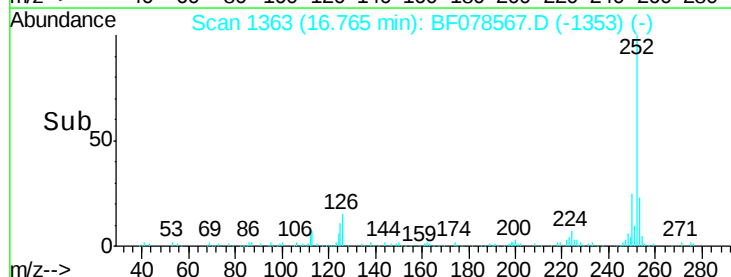
15000

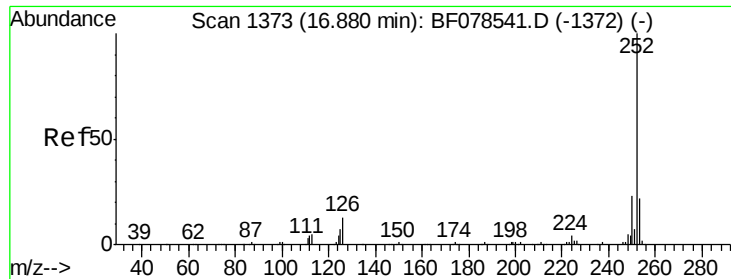
10000

5000

0

Time--> 16.70 16.75 16.80 16.85

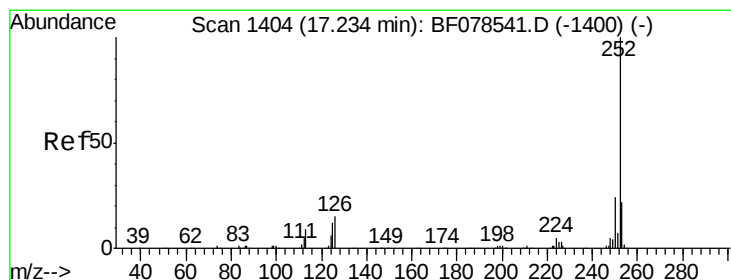
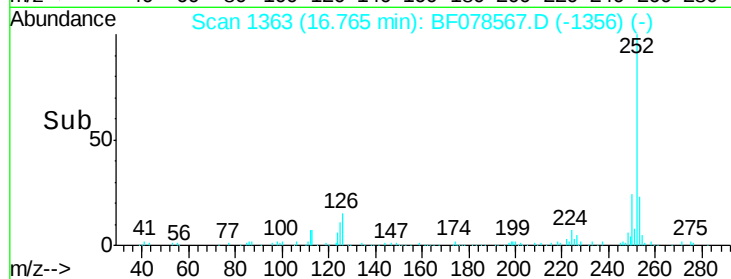
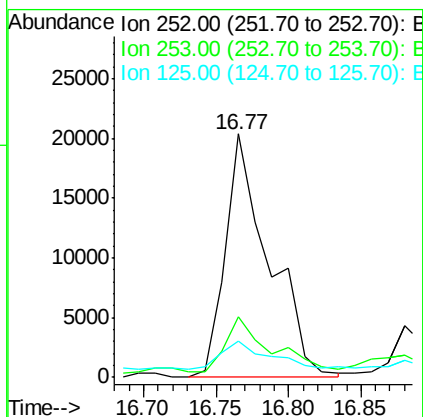
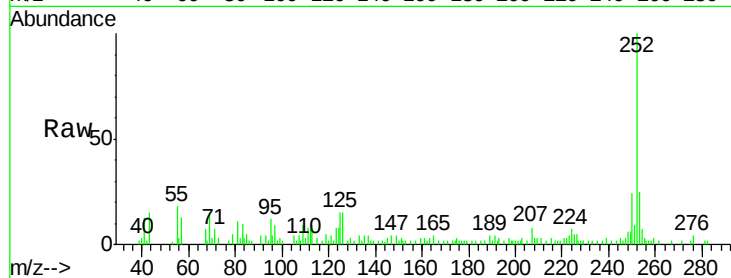




#88
Benzo(k)fluoranthene
Concen: 5.23 ng
RT: 16.77 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BF078567.D
Acq: 16 Apr 2015 15:59

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:252 Resp: 42583
Ion Ratio Lower Upper
252 100
253 24.9 17.5 26.3
125 14.9 11.6 17.4



#89
Benzo(a)pyrene
Concen: 2.70 ng
RT: 17.14 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF078567.D
Acq: 16 Apr 2015 15:59

Tgt Ion:252 Resp: 21551
Ion Ratio Lower Upper
252 100
253 26.9 16.8 25.2#
125 12.4 7.4 11.0#

