

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079531.D
 Acq On : 27 May 2015 21:25
 Operator : TP/IZ
 Sample : G2387-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-DUP

Quant Time: May 28 00:58:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 00:48:25 2015
 Response via : Initial Calibration

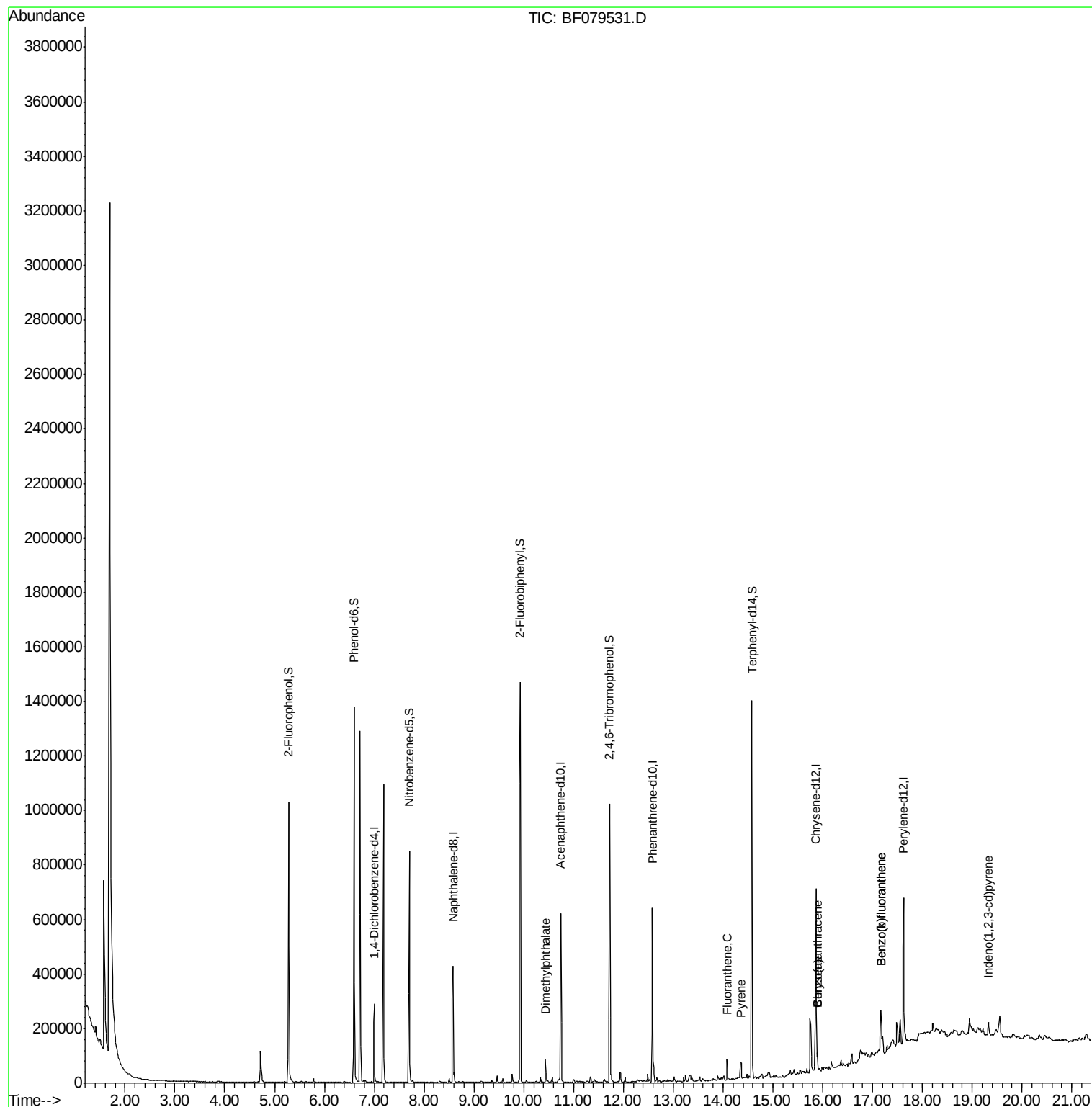
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	63188	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	265732	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	131190	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	244182	20.00	ng	0.00
75) Chrysene-d12	15.86	240	250695	20.00	ng	-0.08
86) Perylene-d12	17.62	264	268700	20.00	ng	-0.26
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	330398	90.69	ng	0.00
7) Phenol-d6	6.59	99	493030	106.18	ng	0.00
23) Nitrobenzene-d5	7.70	82	302097	65.72	ng	0.00
41) 2,4,6-Tribromophenol	11.72	330	136486	94.72	ng	-0.01
44) 2-Fluorobiphenyl	9.93	172	621306	67.57	ng	0.00
78) Terphenyl-d14	14.58	244	689718	64.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.43	163	40234	4.16	ng	Qvalue 98
73) Di-n-butylphthalate	13.35	149	3335	Below Cal	#	82
74) Fluoranthene	14.08	202	34458	2.40	ng	95
77) Pyrene	14.37	202	31444	2.02	ng	97
80) Benzo(a)anthracene	15.90	228	29299	2.03	ng	95
82) Chrysene	15.90	228	29299	2.14	ng	97
85) Indeno(1,2,3-cd)pyrene	19.33	276	38002	2.16	ng	96
87) Benzo(b)fluoranthene	17.17	252	103669	6.76	ng	98
88) Benzo(k)fluoranthene	17.17	252	103669	7.56	ng	# 96
90) Dibenzo(a,h)anthracene	19.03	278	3064	Below Cal	#	39
91) Benzo(g,h,i)perylene	19.33	276	39579	Below Cal		99

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

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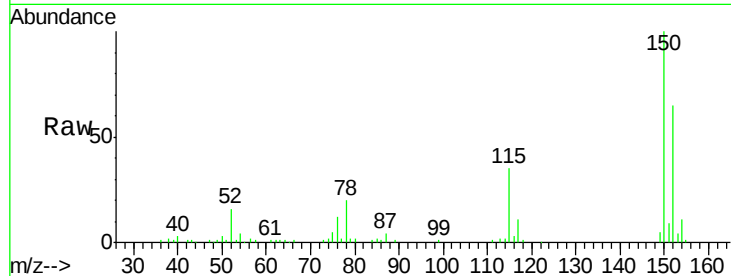


#1

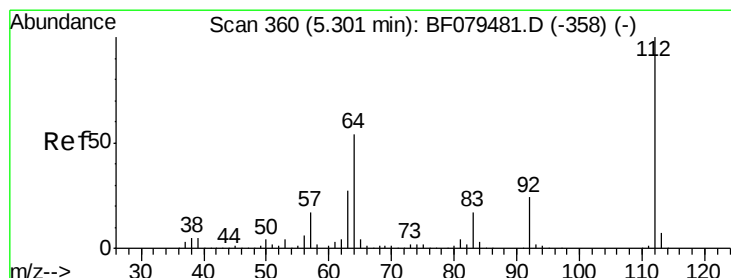
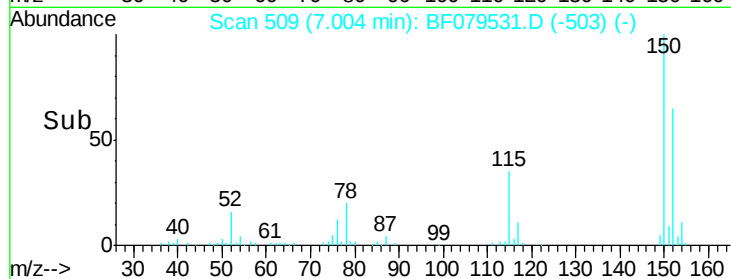
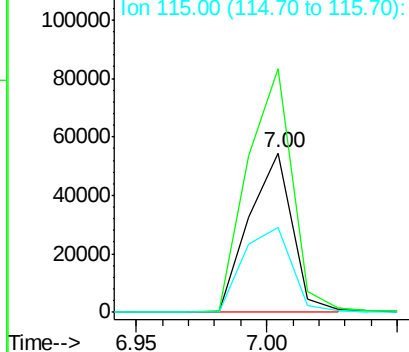
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Instrument :
BNA_F
ClientSampleId :
SS-DUP

Tgt Ion:152 Resp: 63188
Ion Ratio Lower Upper
152 100
150 152.7 124.0 186.0
115 53.4 49.6 74.4



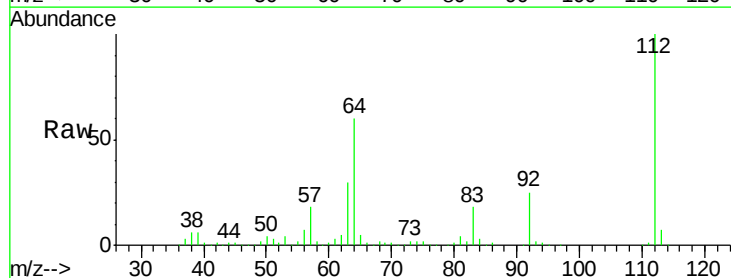
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



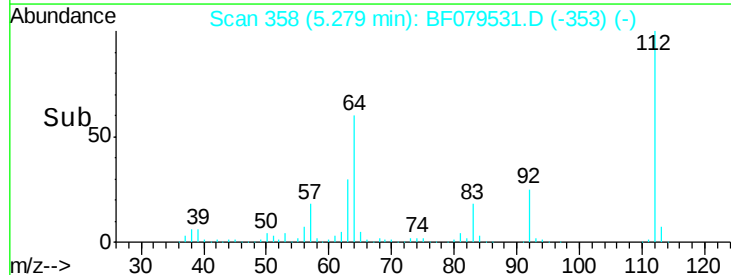
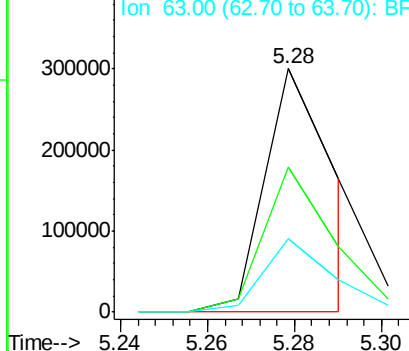
#5

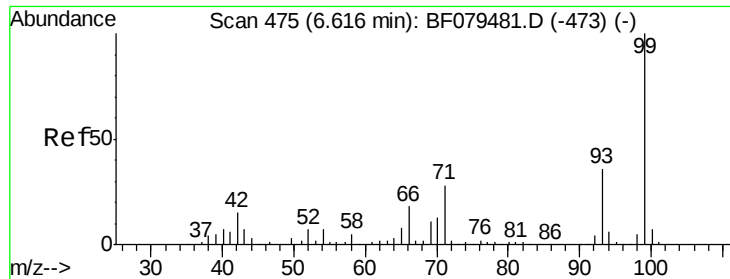
2-Fluorophenol
Concen: 90.69 ng
RT: 5.28 min Scan# 358
Delta R.T. -0.00 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Tgt Ion:112 Resp: 330398
Ion Ratio Lower Upper
112 100
64 59.8 43.5 65.3
63 30.0 21.8 32.8



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: 106.18 ng

RT: 6.59 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

SS-DUP

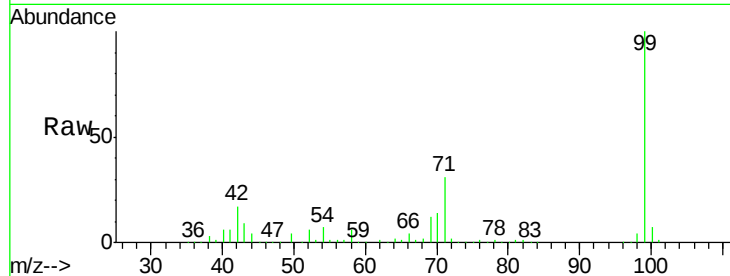
Tgt Ion: 99 Resp: 493030

Ion Ratio Lower Upper

99 100

42 17.5 11.9 17.9

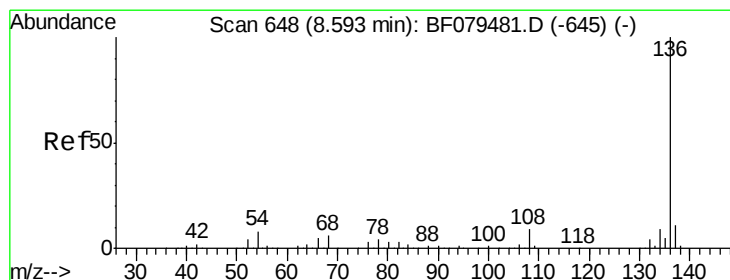
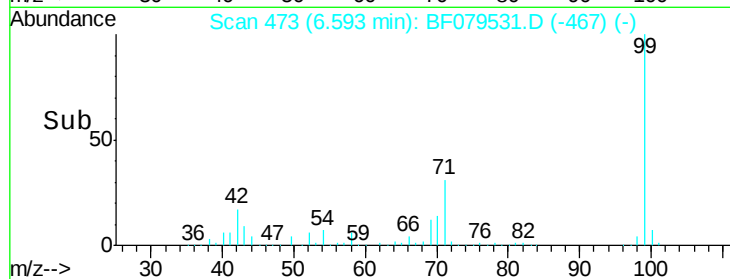
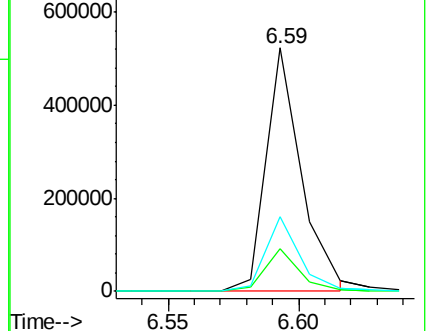
71 30.9 22.1 33.1



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: 8.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Tgt Ion: 136 Resp: 265732

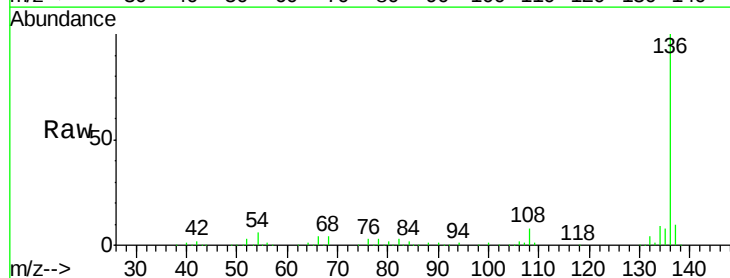
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 5.9 6.6 9.8#

68 4.3 4.7 7.1#

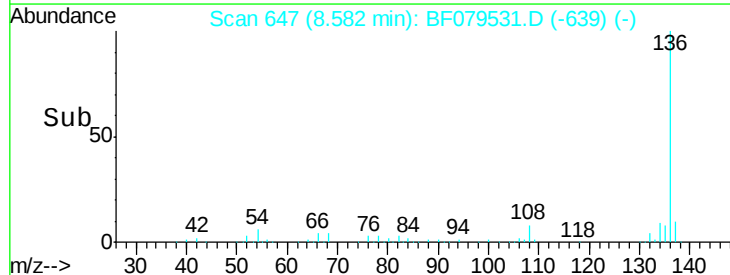
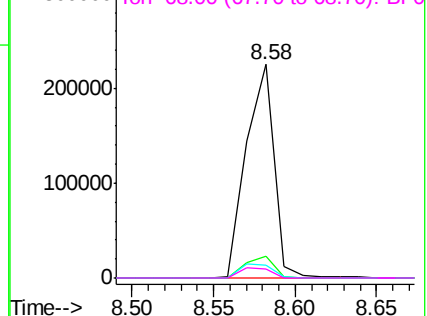


Abundance Ion 136.00 (135.70 to 136.70): E

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

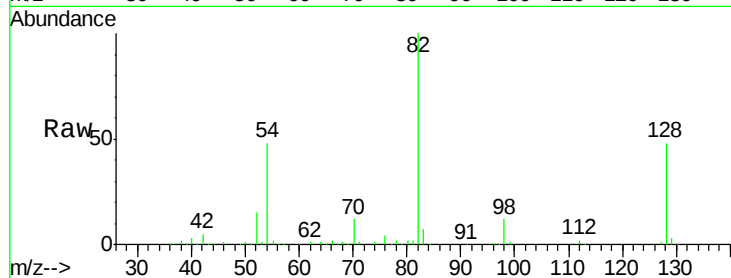




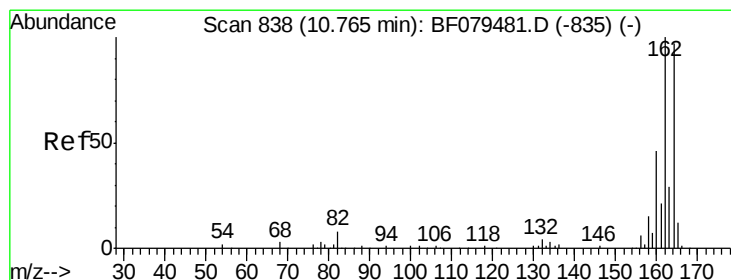
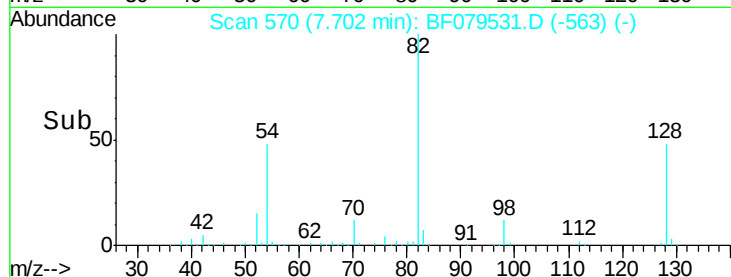
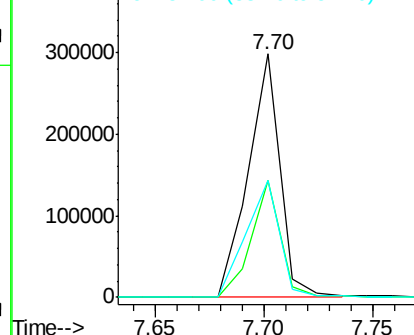
#23
 Nitrobenzene-d5
 Concen: 65.72 ng
 RT: 7.70 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-DUP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.1	30.8	46.2#
54	48.0	42.8	64.2

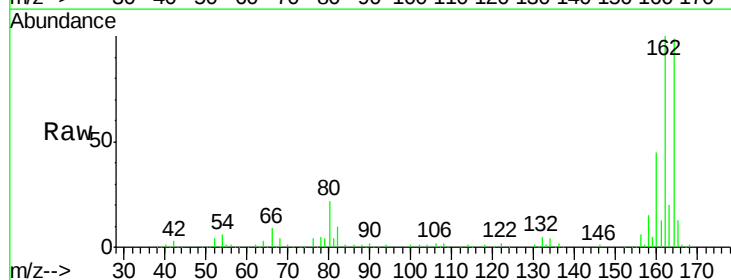


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

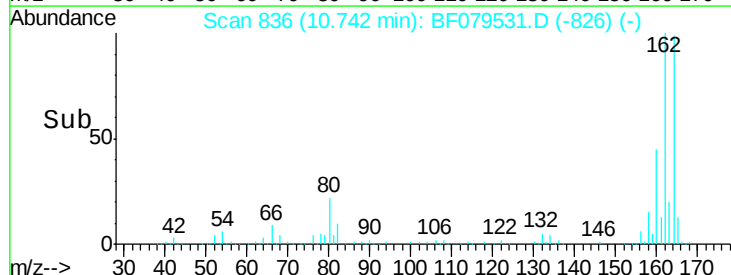
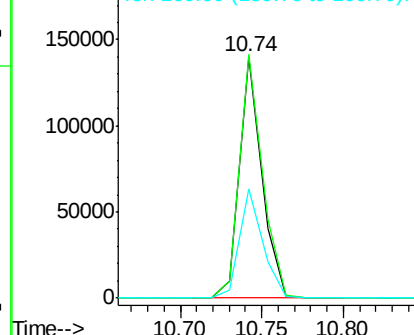


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.74 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	124.0
160	45.2	37.7	56.5



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

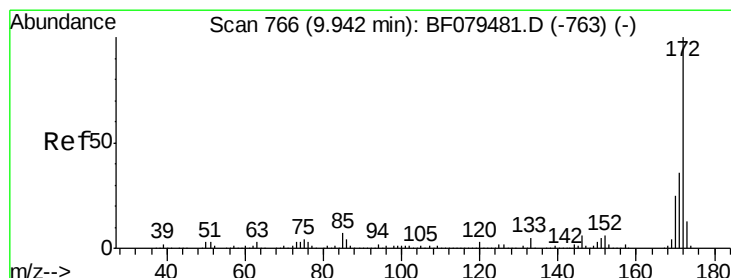
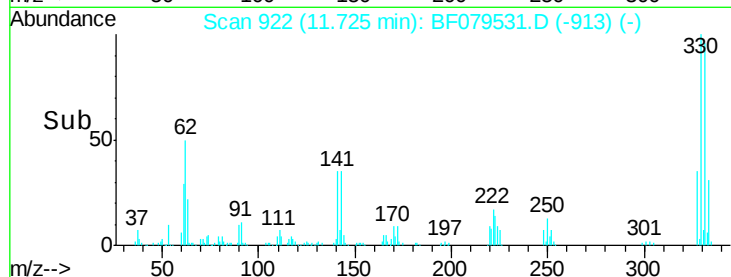
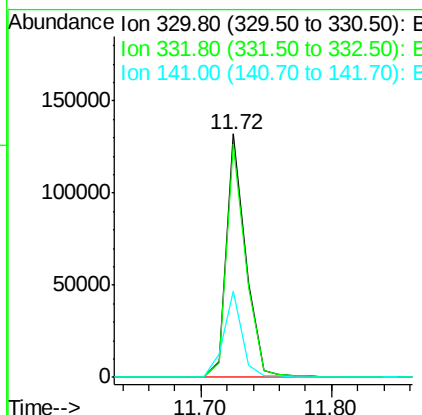
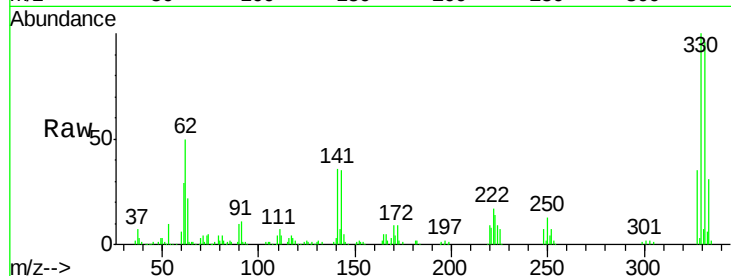




#41
 2,4,6-Tribromophenol
 Concen: 94.72 ng
 RT: 11.72 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

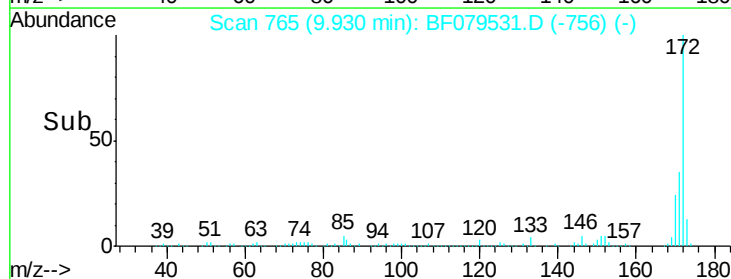
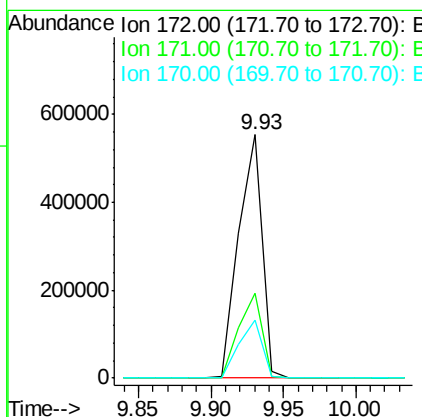
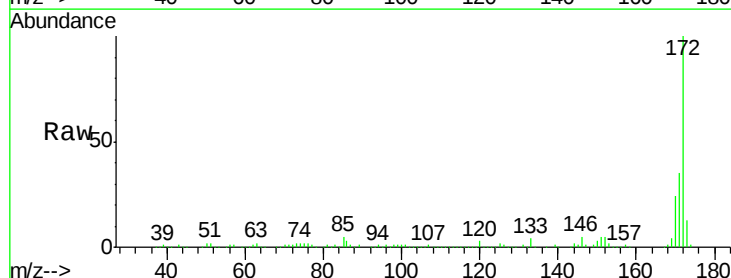
Instrument :
 BNA_F
 ClientSampleId :
 SS-DUP

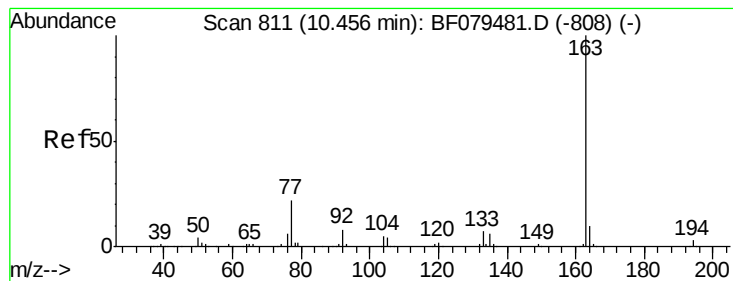
Tgt Ion:330 Resp: 136486
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 34.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 67.57 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

Tgt Ion:172 Resp: 621306
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.8 19.7 29.5





#49

Dimethylphthalate

Concen: 4.16 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

SS-DUP

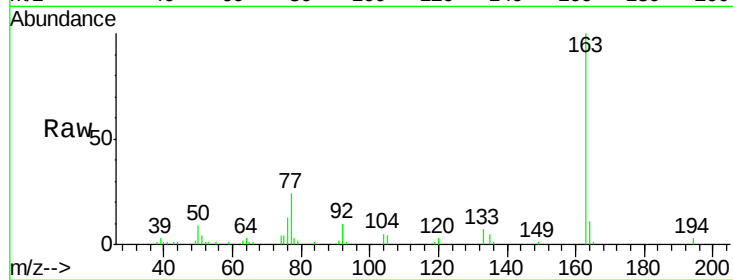
Tgt Ion:163 Resp: 40234

Ion Ratio Lower Upper

163 100

194 3.0 2.4 3.6

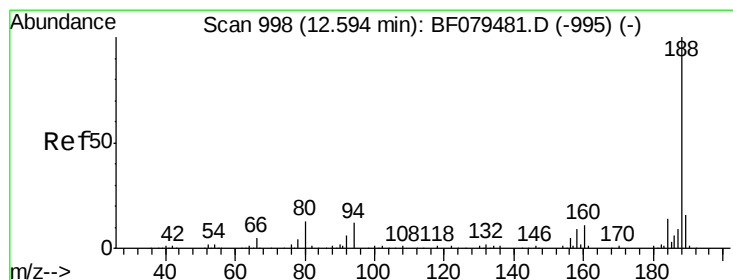
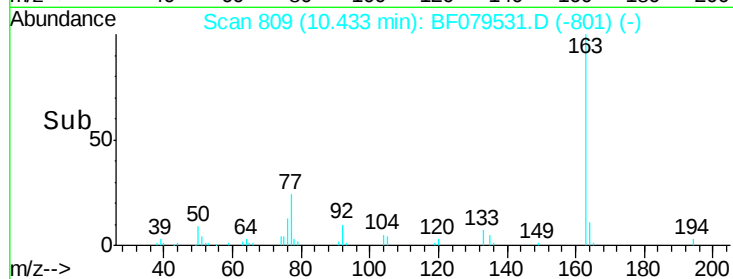
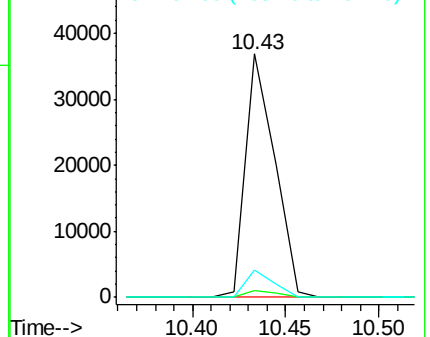
164 11.2 8.2 12.4



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: 12.58 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

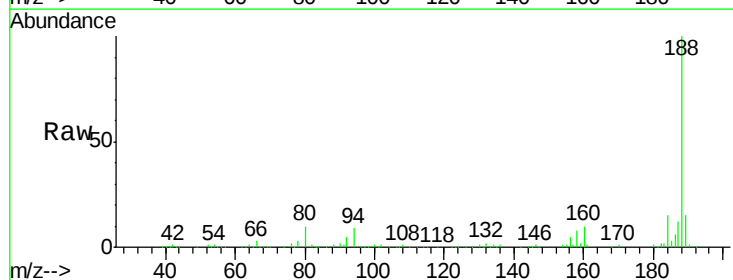
Tgt Ion:188 Resp: 244182

Ion Ratio Lower Upper

188 100

94 9.4 9.8 14.6#

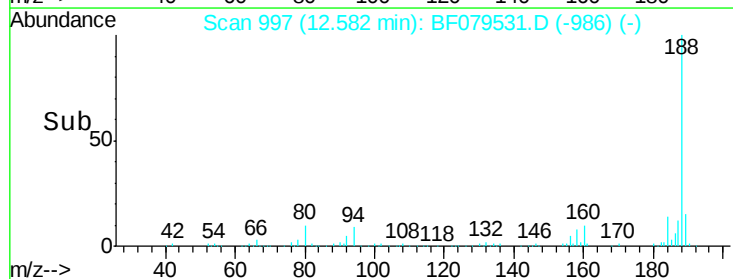
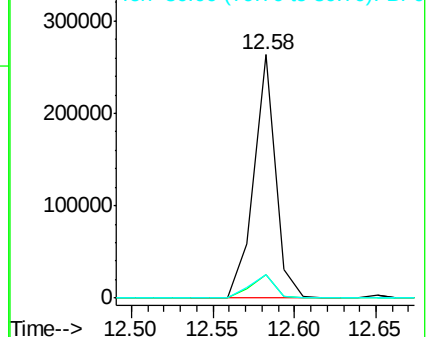
80 9.5 10.5 15.7#

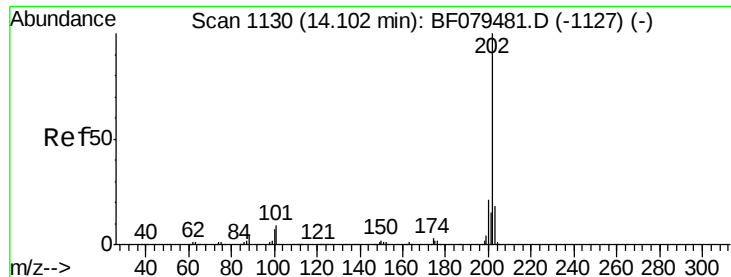


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.40 ng

RT: 14.08 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

SS-DUP

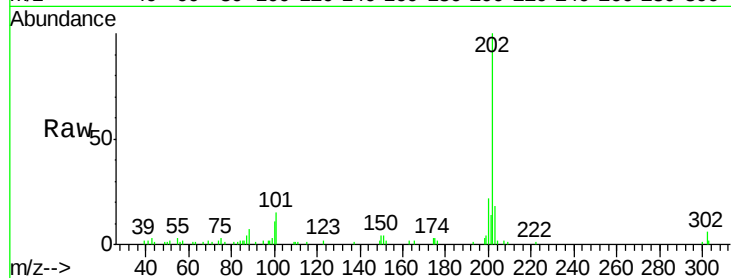
Tgt Ion:202 Resp: 34458

Ion Ratio Lower Upper

202 100

101 14.8 0.0 29.3

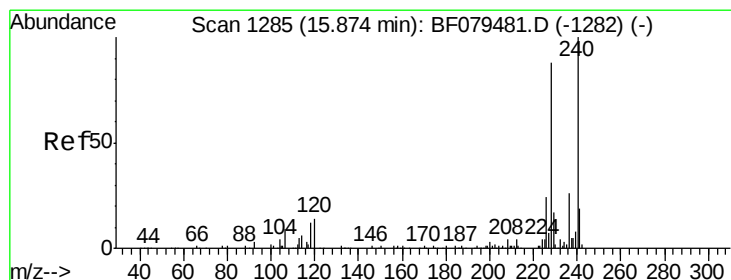
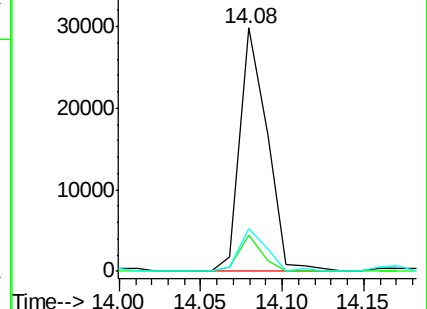
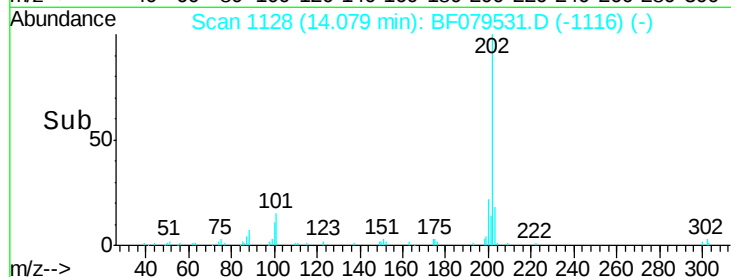
203 17.6 0.0 37.6



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: 15.86 min Scan# 1284

Delta R.T. -0.08 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

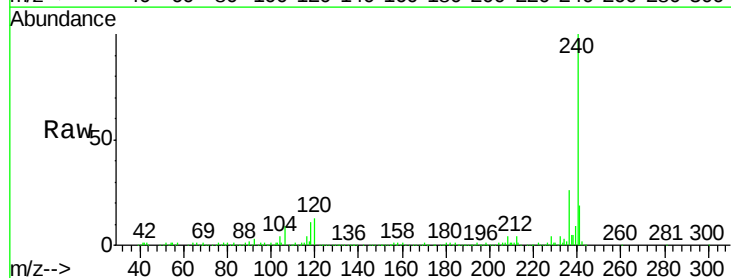
Tgt Ion:240 Resp: 250695

Ion Ratio Lower Upper

240 100

120 13.4 10.8 16.2

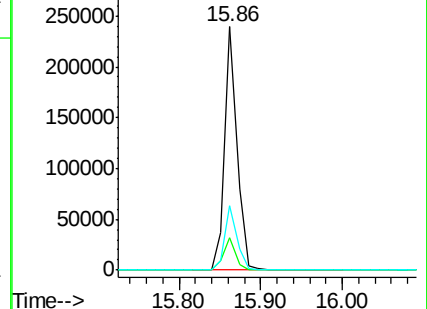
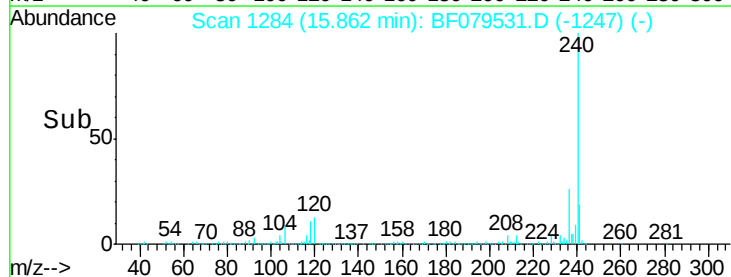
236 26.3 21.0 31.6

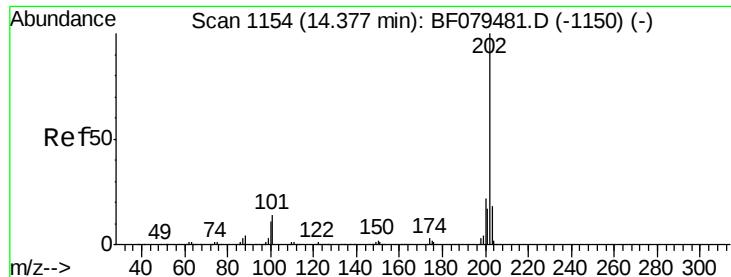


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.02 ng

RT: 14.37 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

SS-DUP

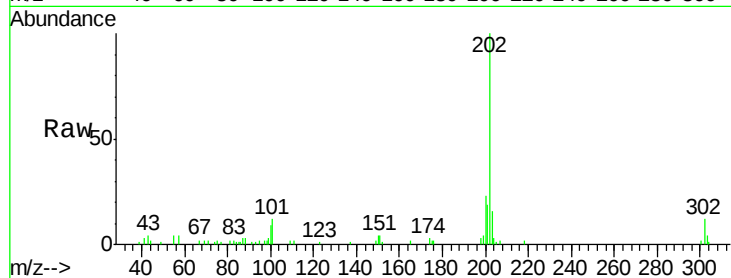
Tgt Ion:202 Resp: 31444

Ion Ratio Lower Upper

202 100

200 23.1 17.5 26.3

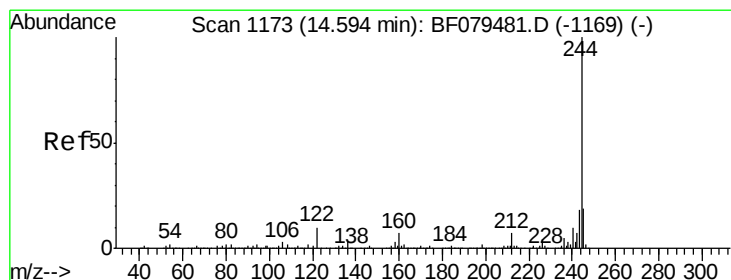
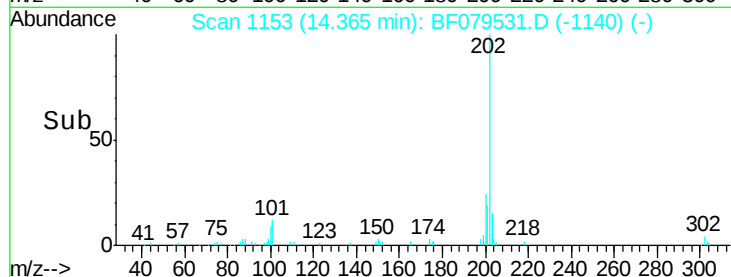
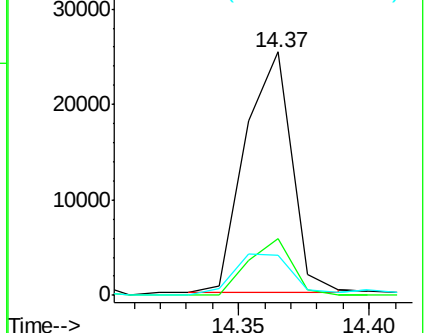
203 16.4 14.4 21.6



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: 64.57 ng

RT: 14.58 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

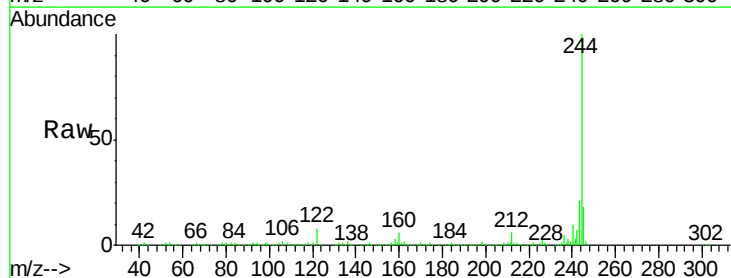
Tgt Ion:244 Resp: 689718

Ion Ratio Lower Upper

244 100

212 6.1 5.2 7.8

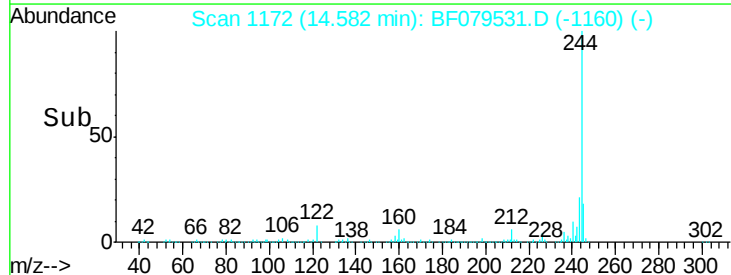
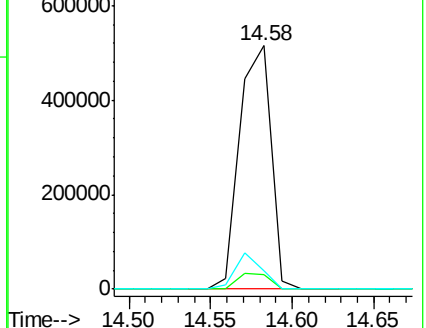
122 7.6 8.0 12.0#

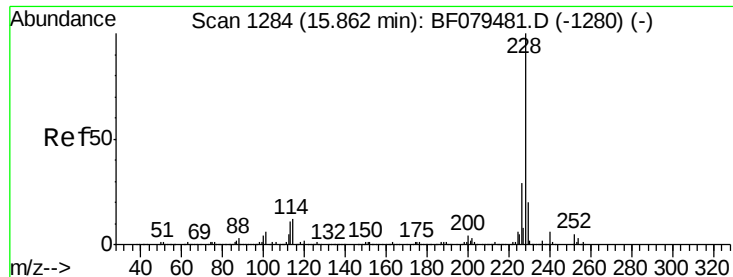


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.03 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

SS-DUP

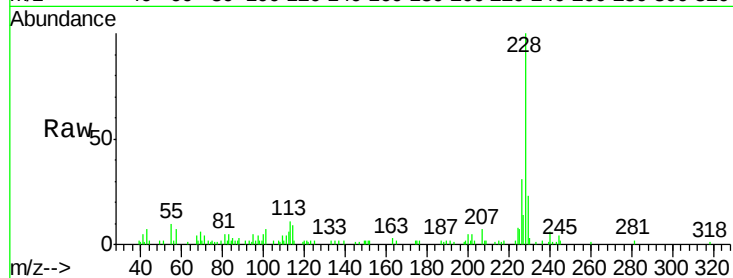
Tgt Ion:228 Resp: 29299

Ion Ratio Lower Upper

228 100

226 30.6 22.8 34.2

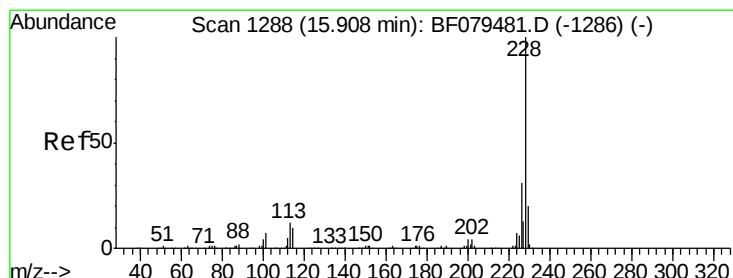
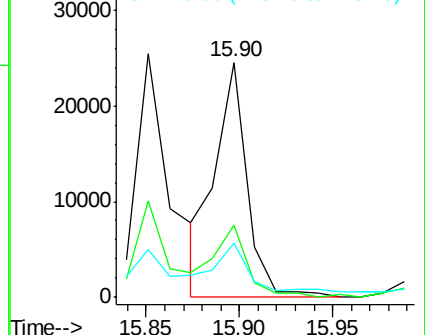
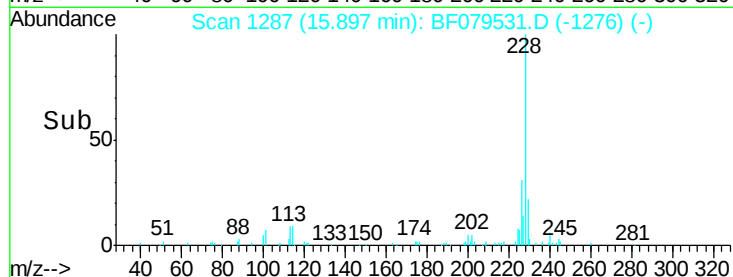
229 23.2 15.9 23.9



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: 2.14 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.08 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

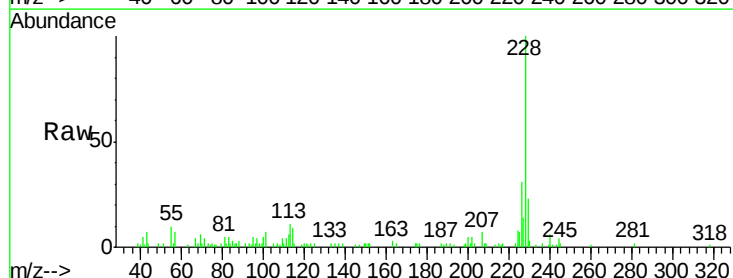
Tgt Ion:228 Resp: 29299

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.4

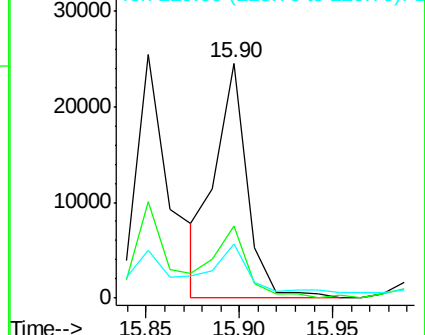
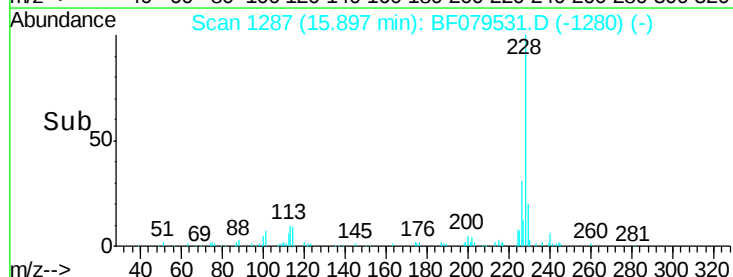
229 23.2 15.9 23.9

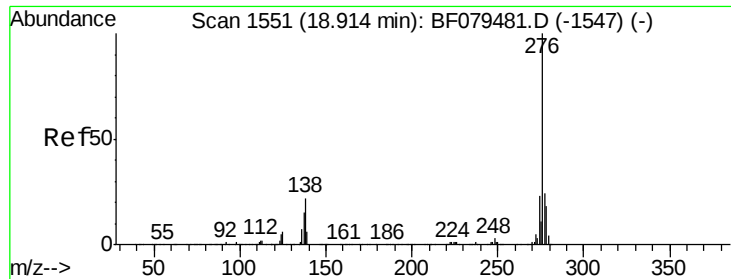


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

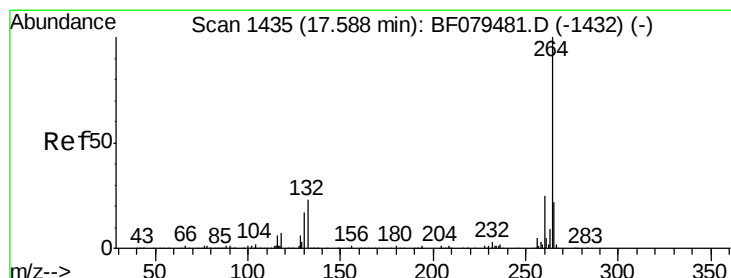
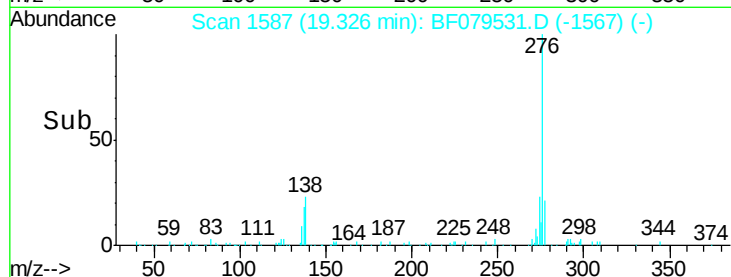
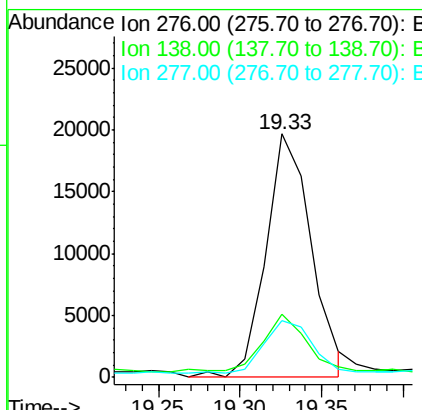
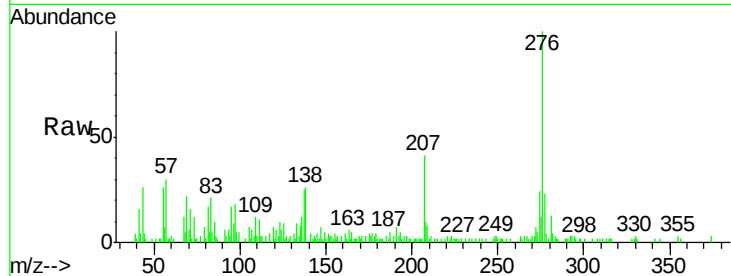




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.16 ng
 RT: 19.33 min Scan# 1587
 Delta R.T. 0.02 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

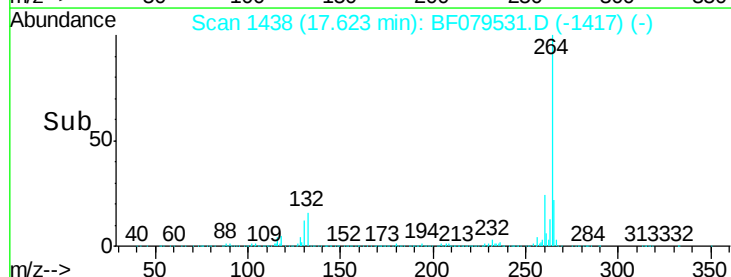
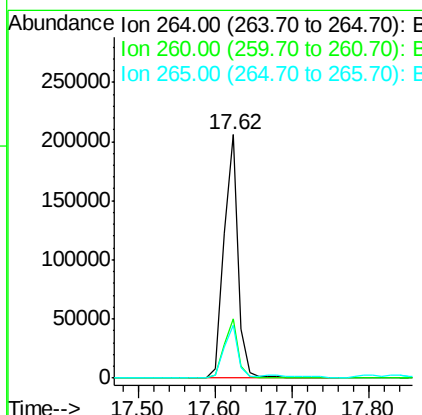
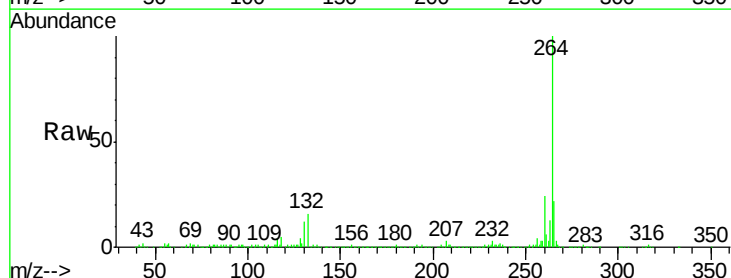
Instrument :
 BNA_F
 ClientSampleID :
 SS-DUP

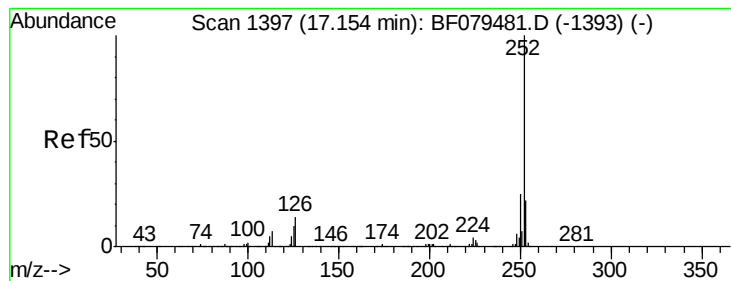
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.4	32.2
277	23.5	19.8	29.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.62 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	21.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 6.76 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.22 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

ClientSampleId :

SS-DUP

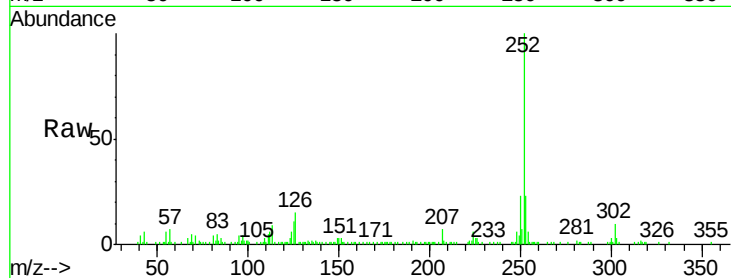
Tgt Ion:252 Resp: 103669

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

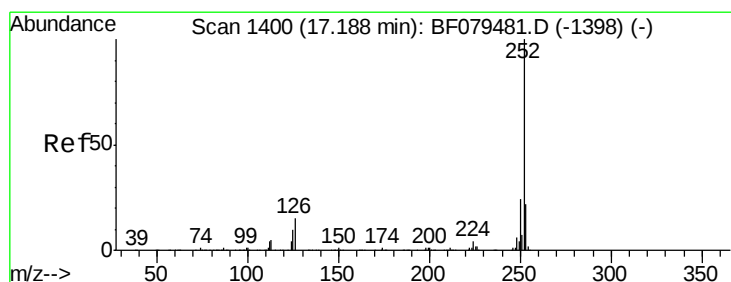
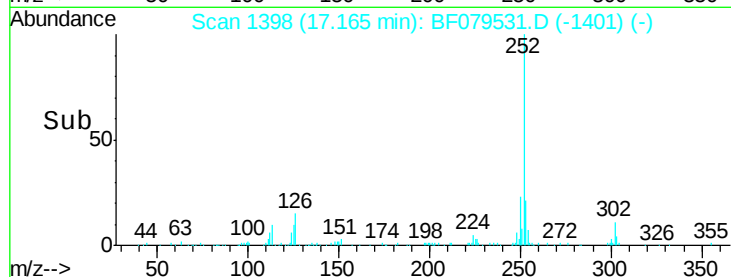
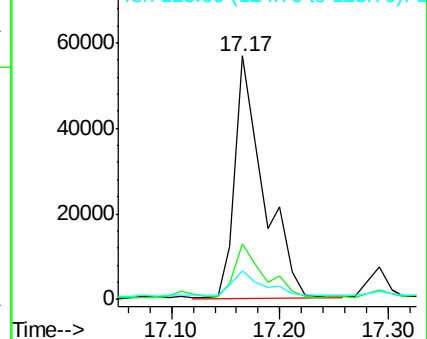
125 11.5 7.8 11.6



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: 7.56 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.25 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

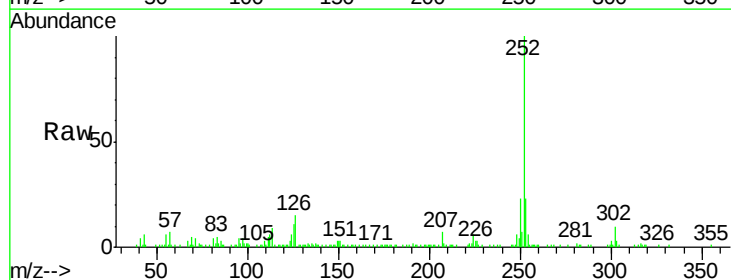
Tgt Ion:252 Resp: 103669

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 11.5 6.8 10.2#



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

