

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081688.D
 Acq On : 17 Sep 2015 20:43
 Operator : UM/IZ
 Sample : G3620-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2

Quant Time: Sep 18 04:55:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

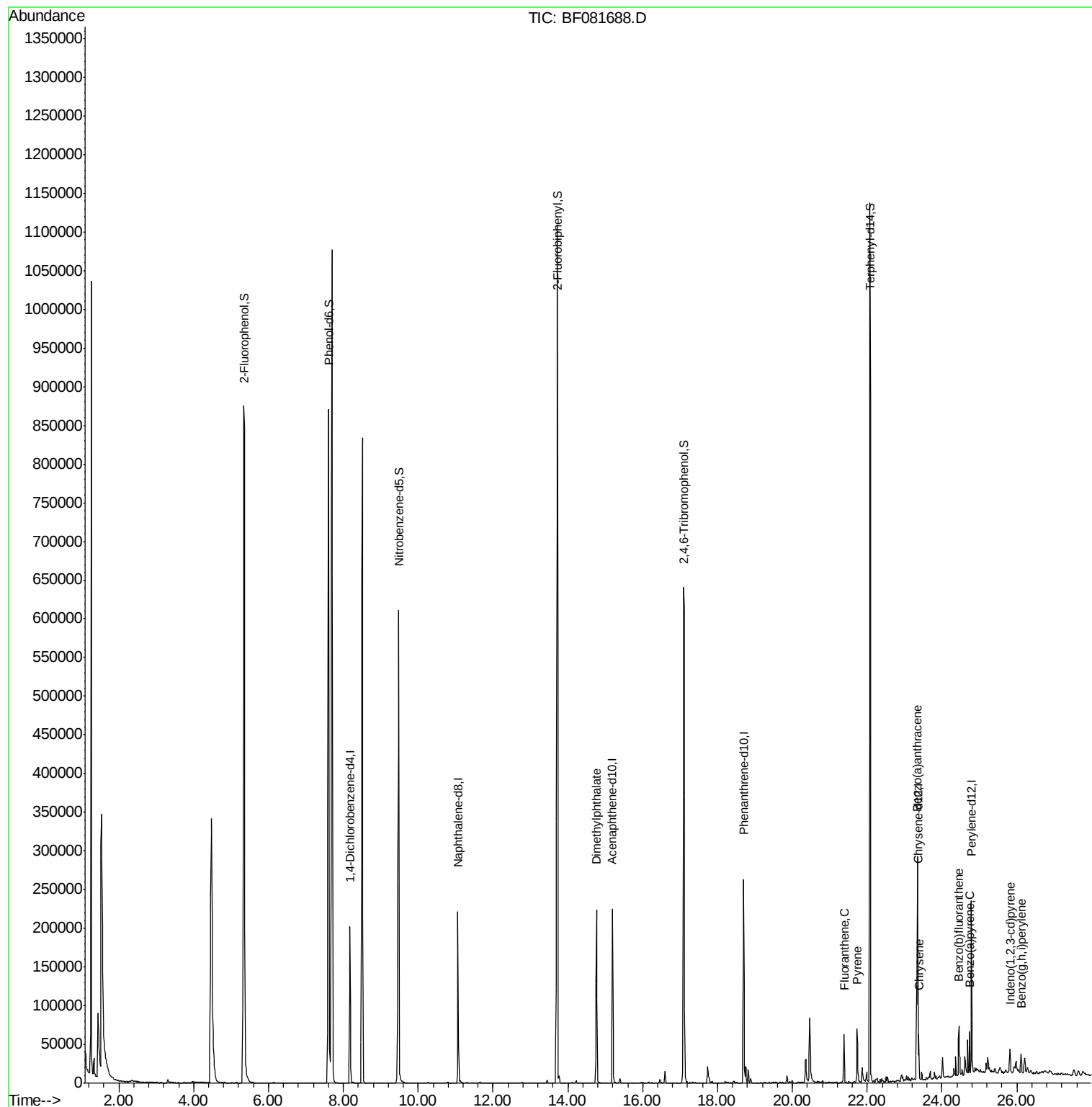
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47265	20.00	ng	-0.04
21) Naphthalene-d8	11.06	136	191183	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	88872	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	176034	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	117488	20.00	ng	-0.03
86) Perylene-d12	24.78	264	80625	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	452734	148.61	ng	0.00
7) Phenol-d6	7.61	99	658378	163.27	ng	-0.03
23) Nitrobenzene-d5	9.48	82	427380	107.85	ng	-0.06
41) 2,4,6-Tribromophenol	17.11	330	128206	162.02	ng	-0.06
44) 2-Fluorobiphenyl	13.72	172	661108	95.33	ng	-0.06
78) Terphenyl-d14	22.07	244	563169	111.58	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	14.77	163	148737	21.54	ng	# 97
74) Fluoranthene	21.39	202	43290	4.09	ng	86
77) Pyrene	21.73	202	39378	4.52	ng	97
80) Benzo(a)anthracene	23.34	228	25113	3.36	ng	97
82) Chrysene	23.37	228	26337	3.93	ng	96
85) Indeno(1,2,3-cd)pyrene	25.82	276	17826	3.62	ng	# 79
87) Benzo(b)fluoranthene	24.45	252	38704m	6.72	ng	
89) Benzo(a)pyrene	24.73	252	22006	4.51	ng	# 82
91) Benzo(g,h,i)perylene	26.12	276	17153	4.77	ng	# 70

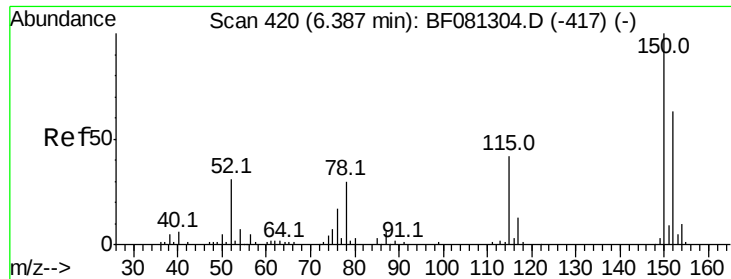
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

Instrument :

BNA_F

ClientSampleId :

DUP-2

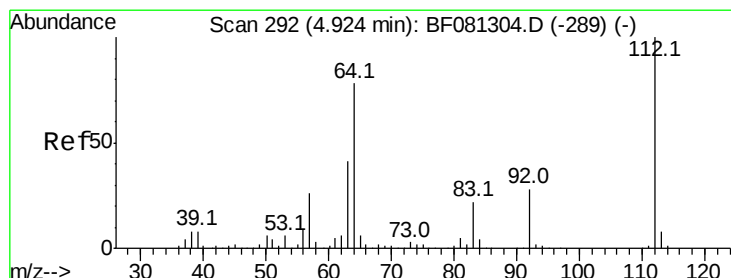
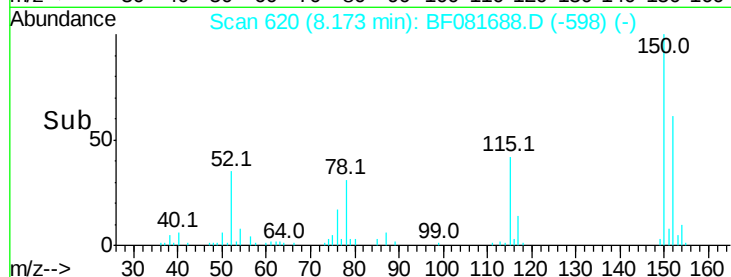
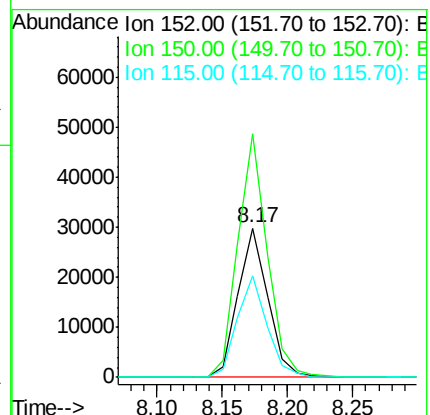
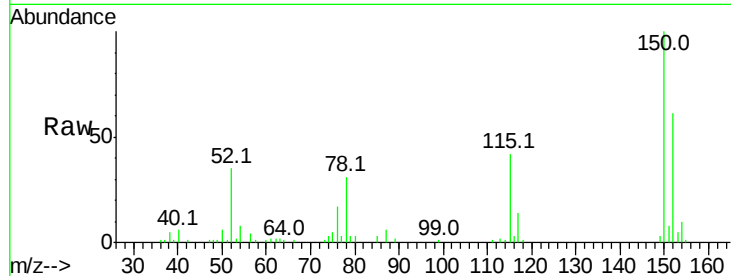
Tgt Ion:152 Resp: 47265

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

115 68.0 39.0 58.4#



#5

2-Fluorophenol

Concen: 148.61 ng

RT: 5.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

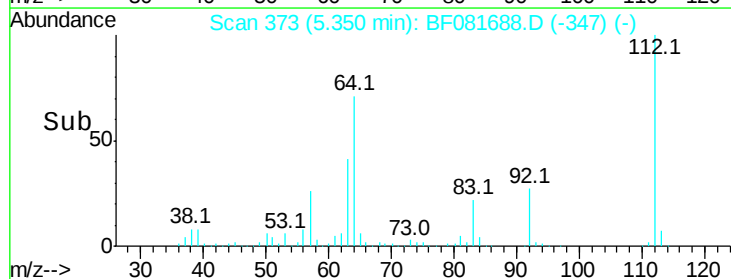
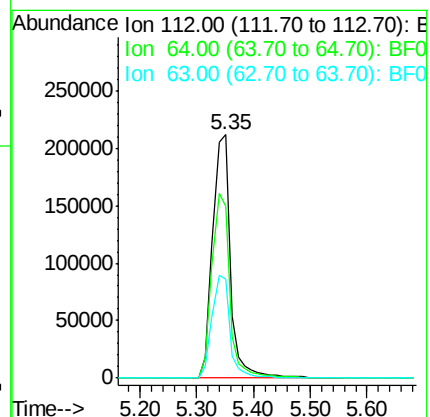
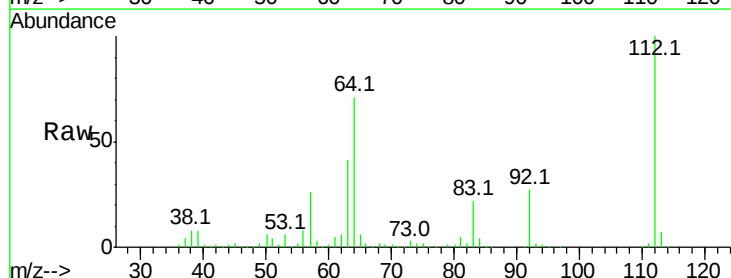
Tgt Ion:112 Resp: 452734

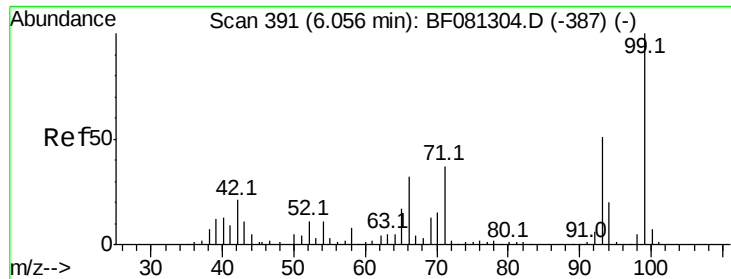
Ion Ratio Lower Upper

112 100

64 70.6 39.7 59.5#

63 40.6 17.4 26.0#





#7

Phenol-d6

Concen: 163.27 ng

RT: 7.61 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

Instrument :

BNA_F

ClientSampleId :

DUP-2

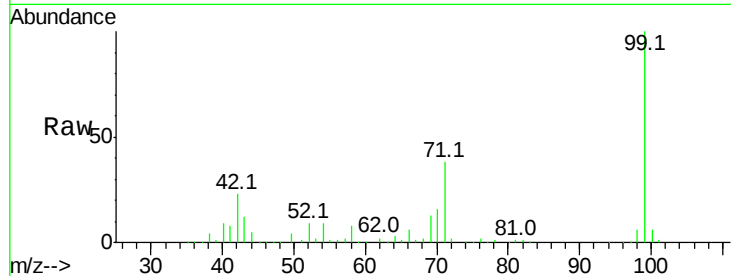
Tgt Ion: 99 Resp: 658378

Ion Ratio Lower Upper

99 100

42 23.1 13.7 20.5#

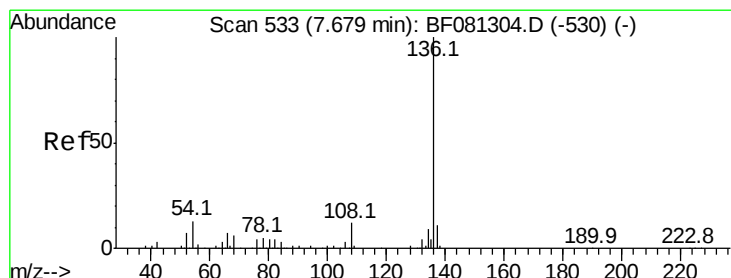
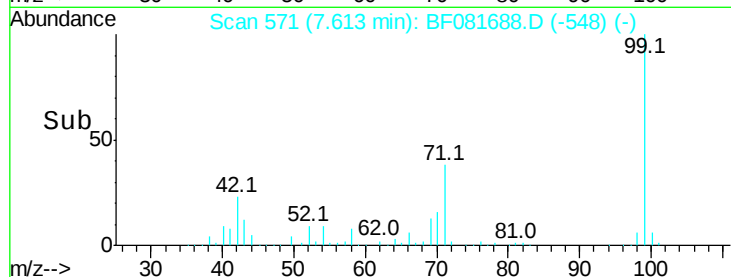
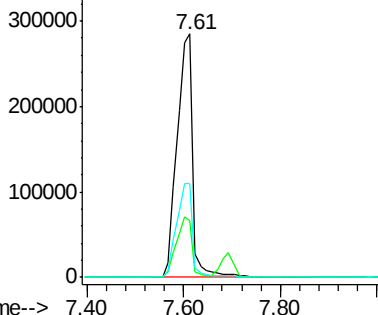
71 38.3 14.2 21.2#



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: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

Tgt Ion: 136 Resp: 191183

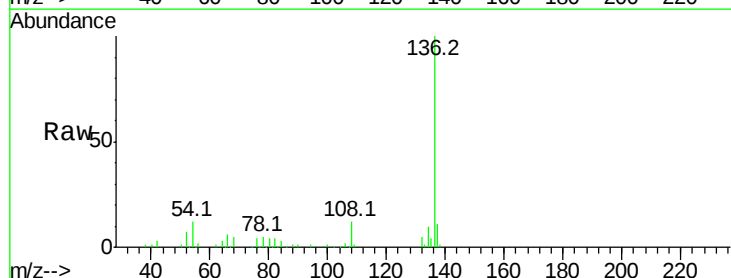
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 12.3 8.2 12.2#

68 5.1 5.8 8.6#

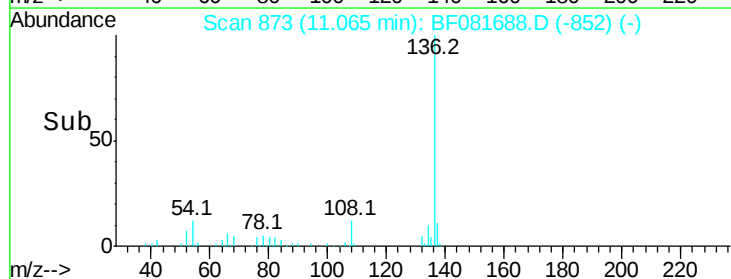
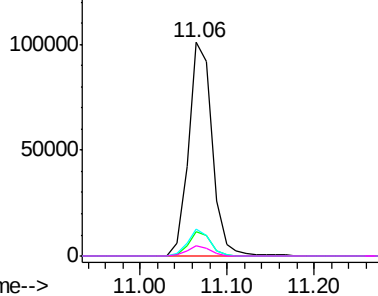


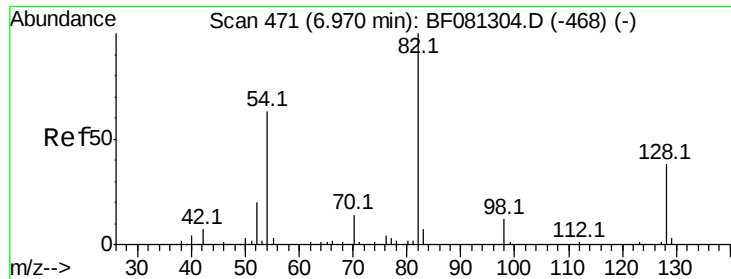
Abundance Ion 136.00 (135.70 to 136.70): E

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

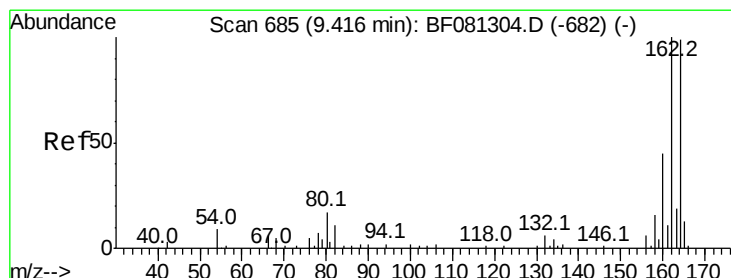
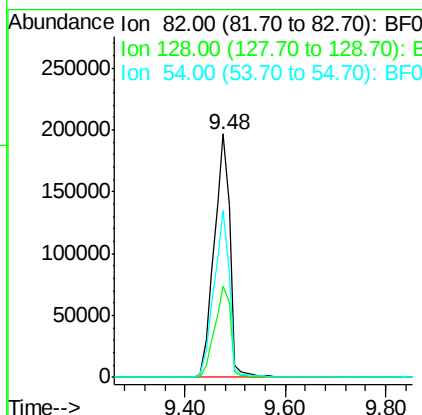
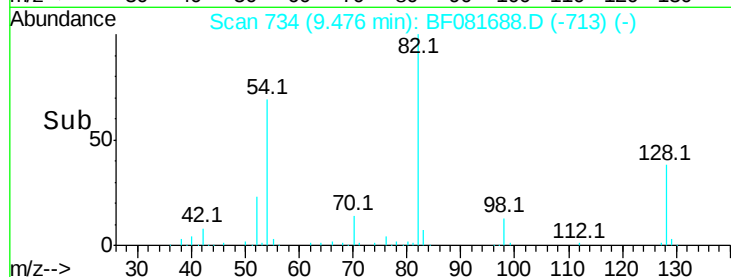
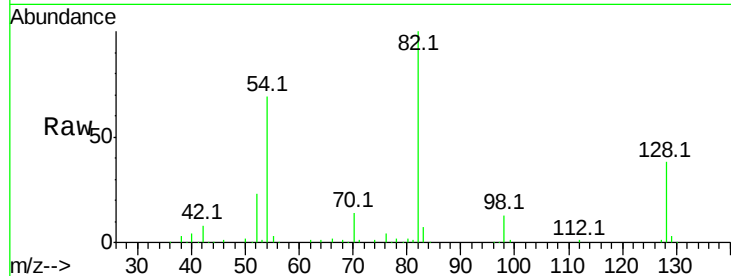




#23
 Nitrobenzene-d5
 Concen: 107.85 ng
 RT: 9.48 min Scan# 734
 Delta R.T. -0.06 min
 Lab File: BF081688.D
 Acq: 17 Sep 2015 20:43

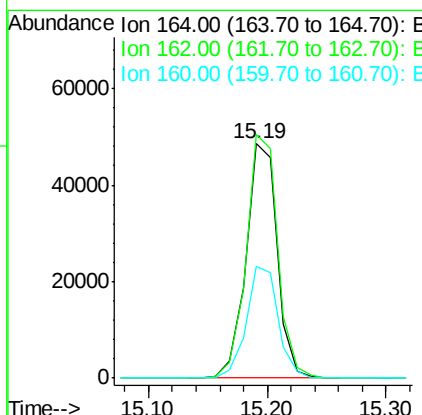
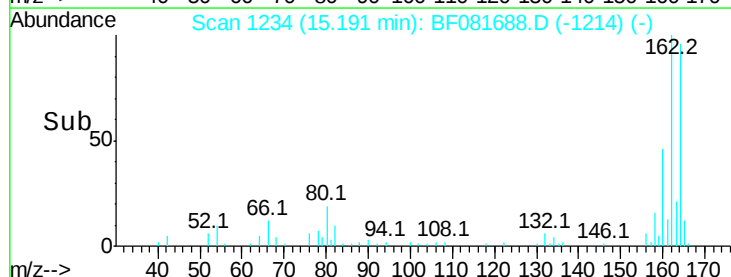
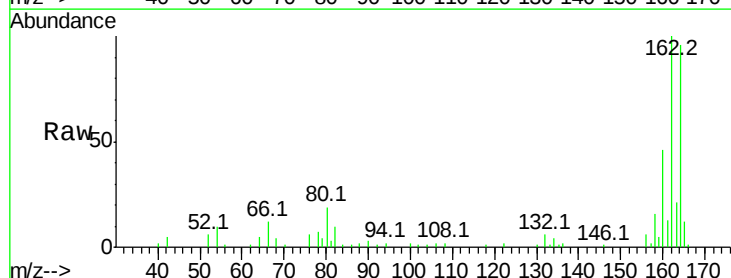
Instrument :
 BNA_F
 ClientSampleId :
 DUP-2

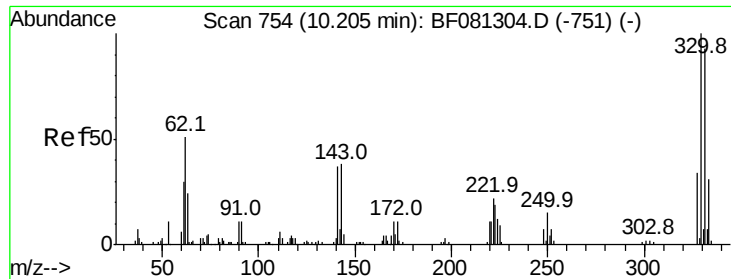
Tgt Ion: 82 Resp: 427380
 Ion Ratio Lower Upper
 82 100
 128 37.6 51.0 76.6#
 54 68.6 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081688.D
 Acq: 17 Sep 2015 20:43

Tgt Ion: 164 Resp: 88872
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 47.8 31.5 47.3#

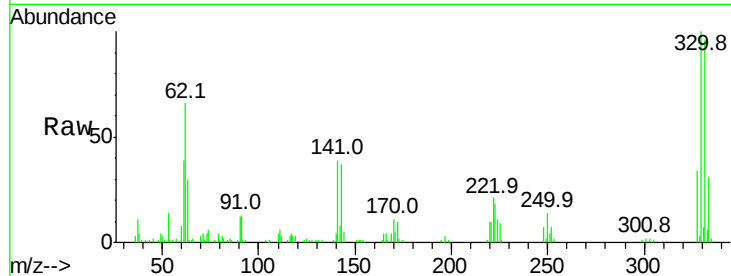




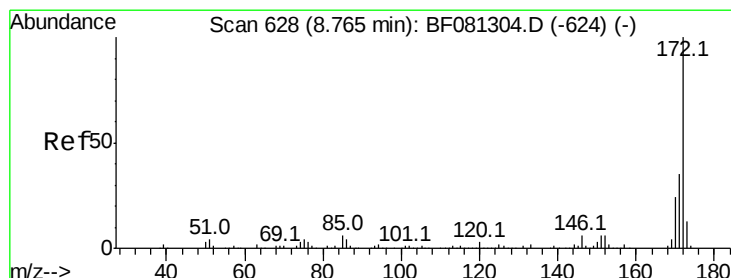
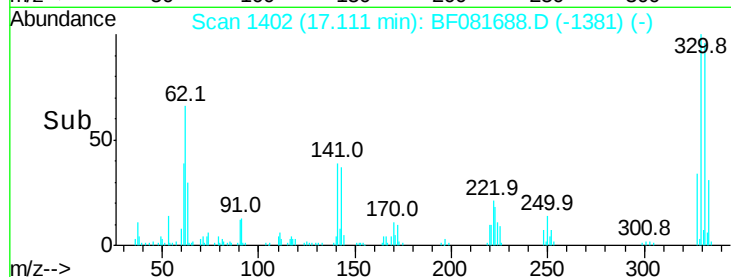
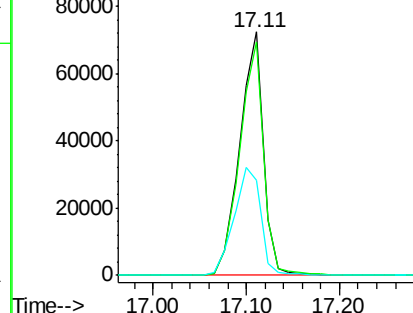
#41
 2,4,6-Tribromophenol
 Concen: 162.02 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF081688.D
 Acq: 17 Sep 2015 20:43

Instrument :
 BNA_F
 ClientSampled :
 DUP-2

Tgt Ion: 330 Resp: 128206
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 49.6 29.7 44.5#

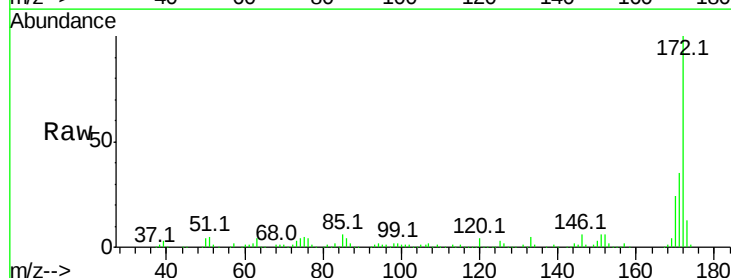


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

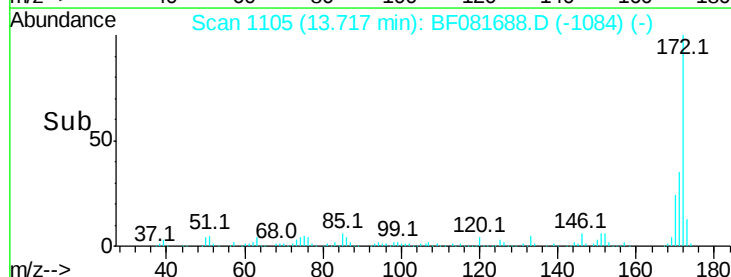
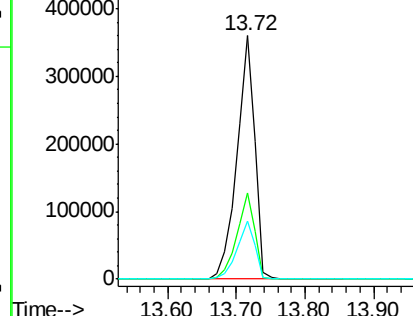


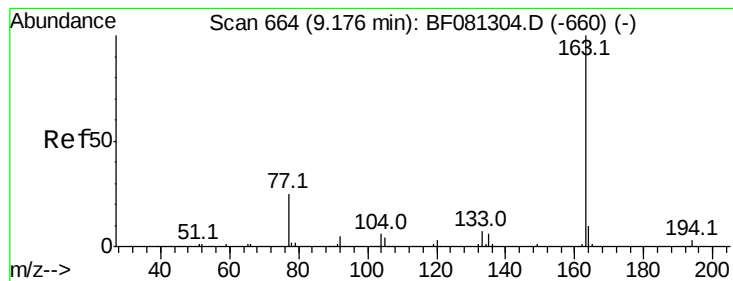
#44
 2-Fluorobiphenyl
 Concen: 95.33 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081688.D
 Acq: 17 Sep 2015 20:43

Tgt Ion: 172 Resp: 661108
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.0 17.4 26.2



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: 21.54 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.09 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

Instrument :

BNA_F

ClientSampleId :

DUP-2

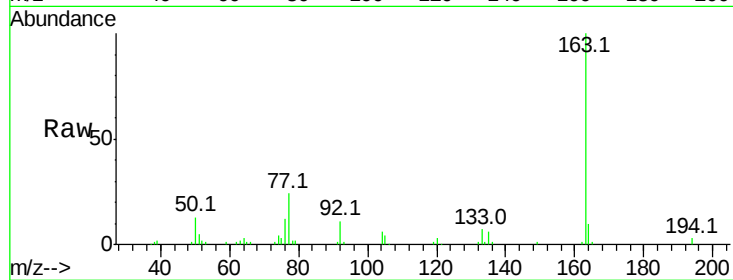
Tgt Ion:163 Resp: 148737

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

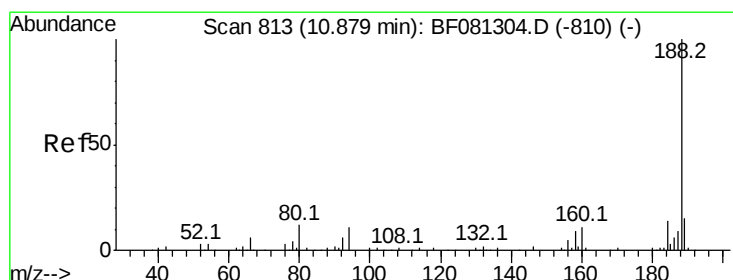
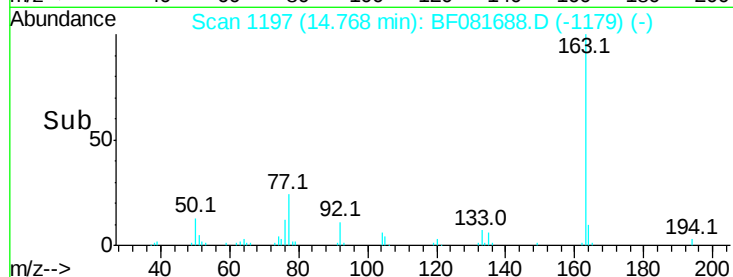
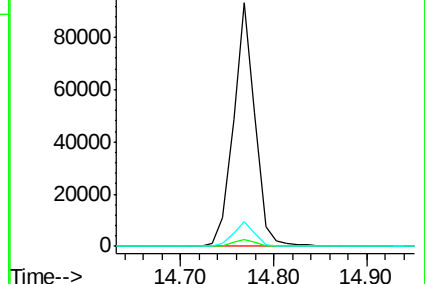
164 10.0 8.3 12.5



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: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

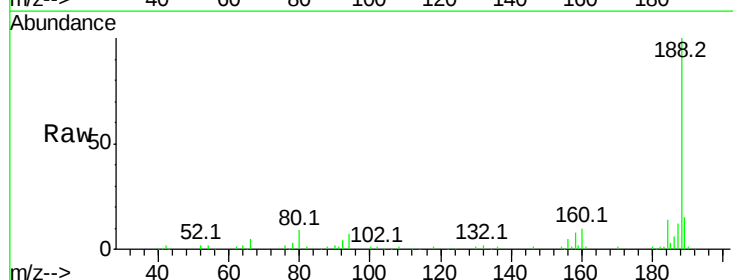
Tgt Ion:188 Resp: 176034

Ion Ratio Lower Upper

188 100

94 7.4 11.1 16.7#

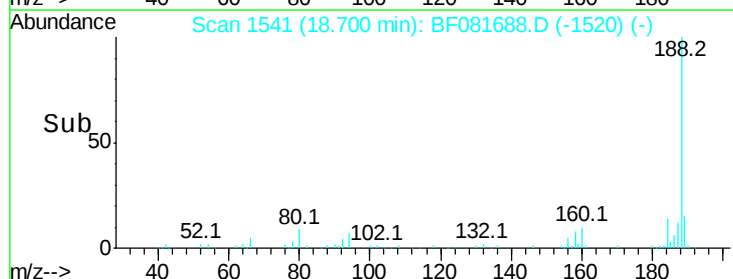
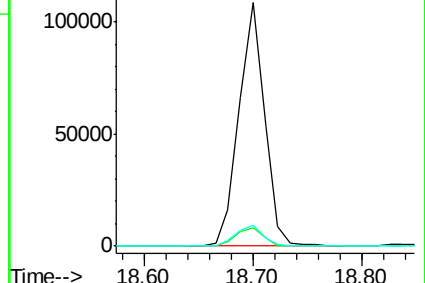
80 8.8 11.0 16.4#

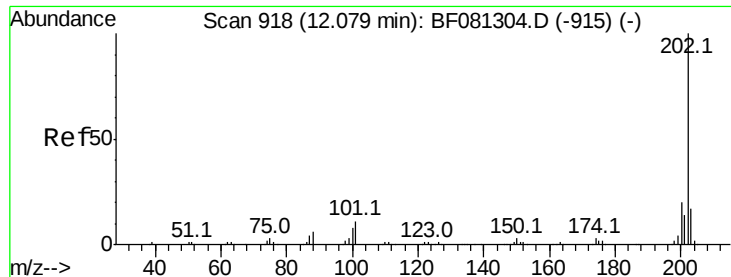


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

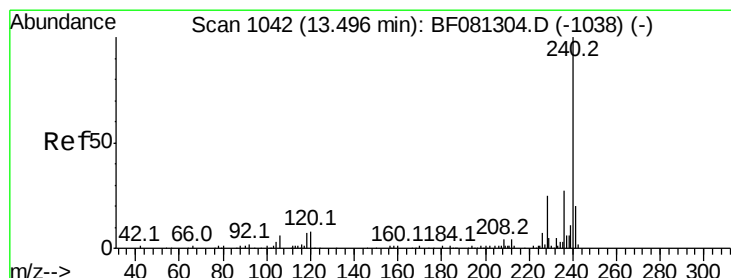
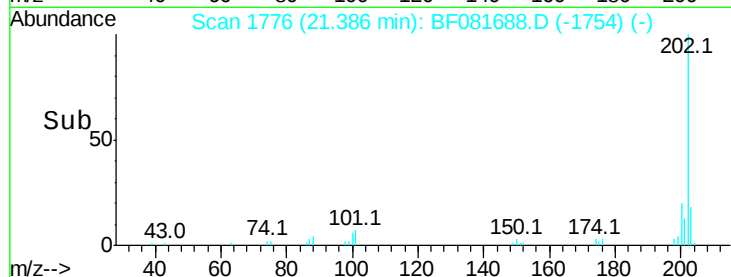
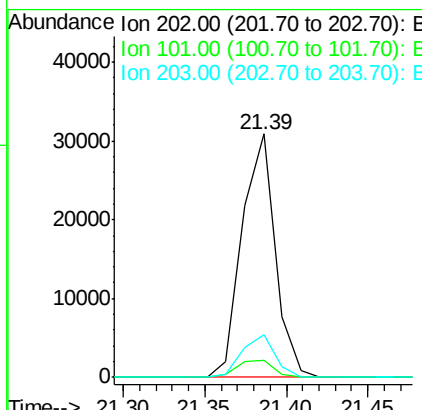
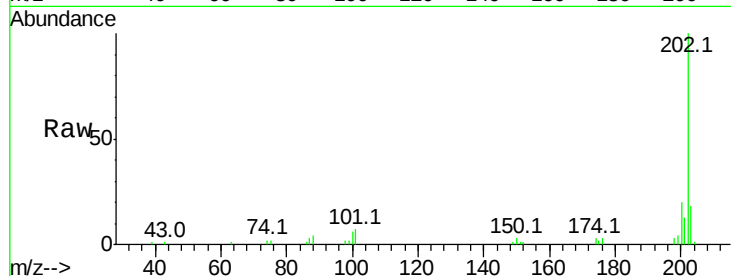




#74
 Fluoranthene
 Concen: 4.09 ng
 RT: 21.39 min Scan# 1776
 Delta R.T. -0.04 min
 Lab File: BF081688.D
 Acq: 17 Sep 2015 20:43

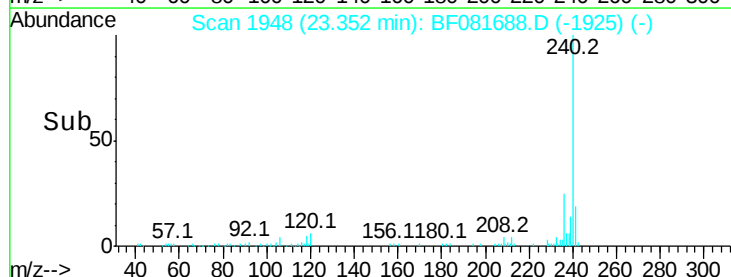
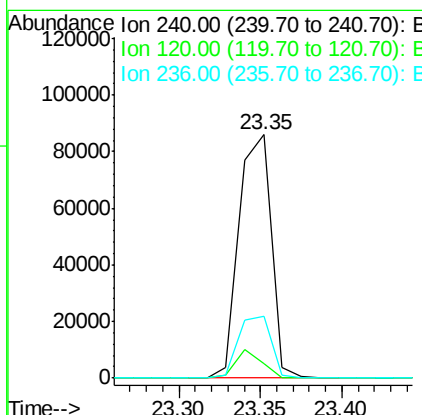
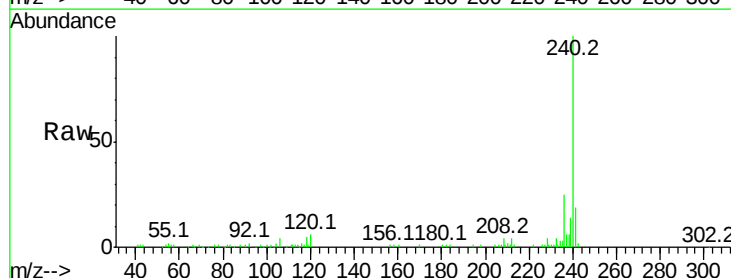
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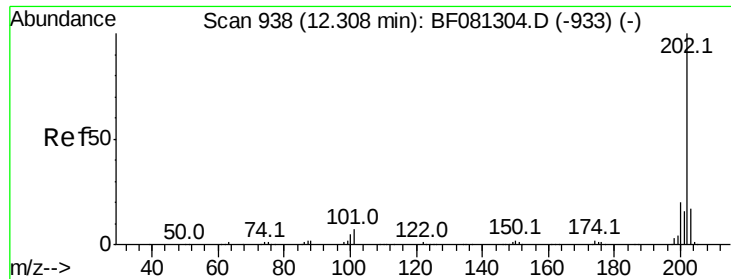
Tgt Ion:202 Resp: 43290
 Ion Ratio Lower Upper
 202 100
 101 6.9 0.0 38.3
 203 17.7 0.0 37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BF081688.D
 Acq: 17 Sep 2015 20:43

Tgt Ion:240 Resp: 117488
 Ion Ratio Lower Upper
 240 100
 120 5.7 16.2 24.2#
 236 25.4 18.4 27.6

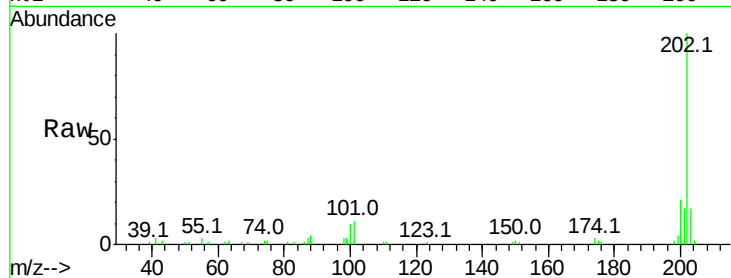




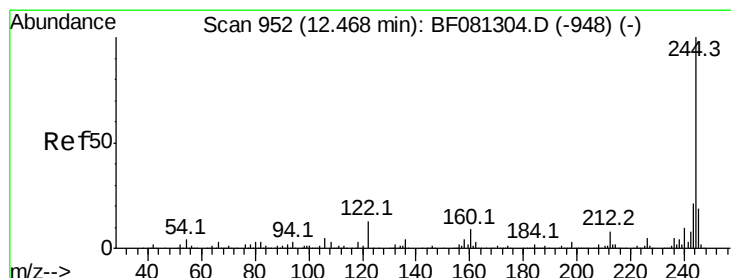
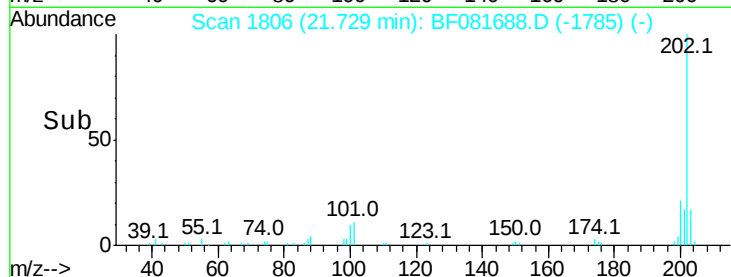
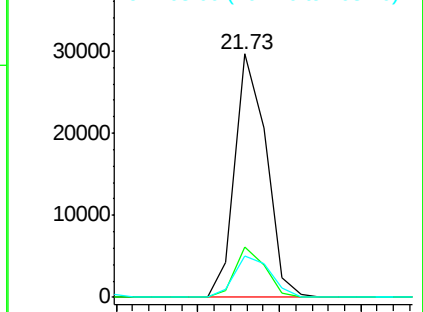
#77
 Pyrene
 Concen: 4.52 ng
 RT: 21.73 min Scan# 1806
 Delta R.T. -0.06 min
 Lab File: BF081688.D
 Acq: 17 Sep 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2

Tgt Ion: 202 Resp: 39378
 Ion Ratio Lower Upper
 202 100
 200 20.5 15.0 22.4
 203 16.9 14.1 21.1

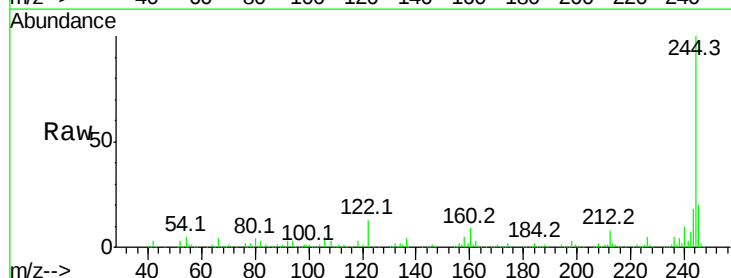


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

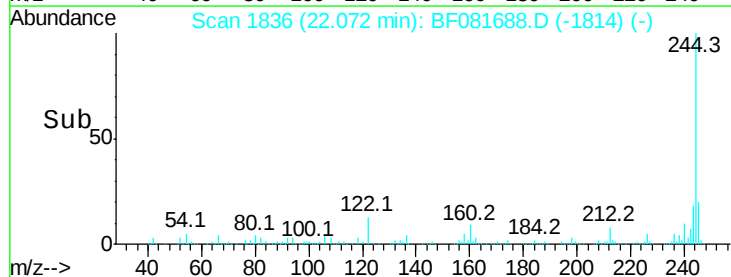
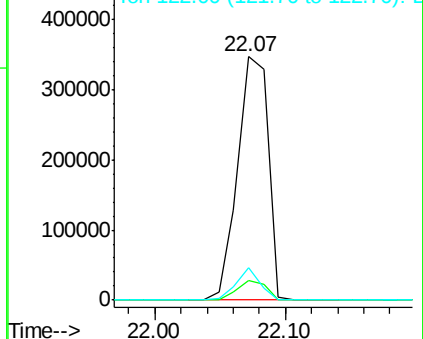


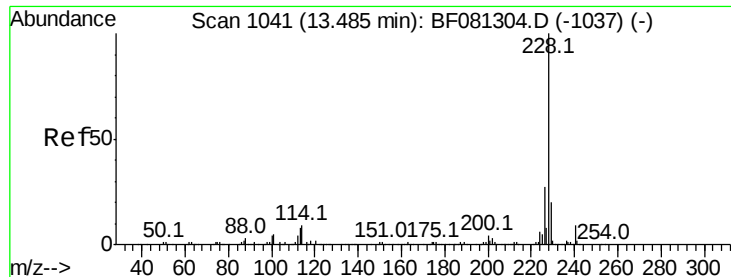
#78
 Terphenyl-d14
 Concen: 111.58 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081688.D
 Acq: 17 Sep 2015 20:43

Tgt Ion: 244 Resp: 563169
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.4 17.4 26.2#



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

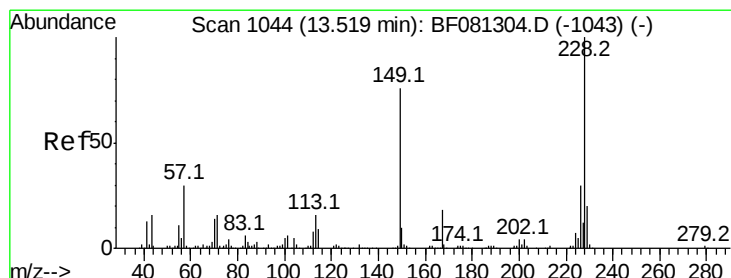
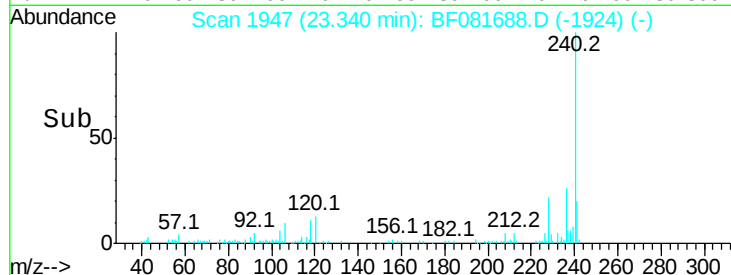
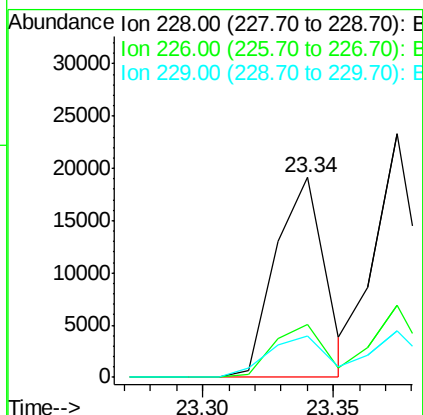
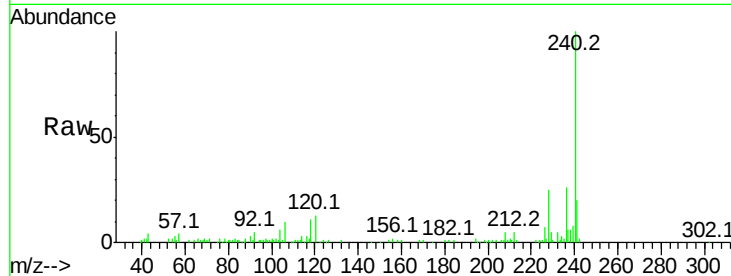




#80
Benzo(a)anthracene
Concen: 3.36 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.03 min
Lab File: BF081688.D
Acq: 17 Sep 2015 20:43

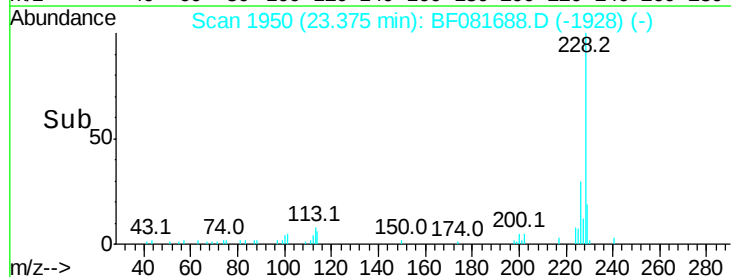
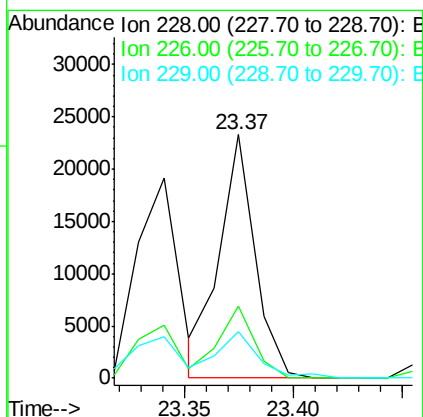
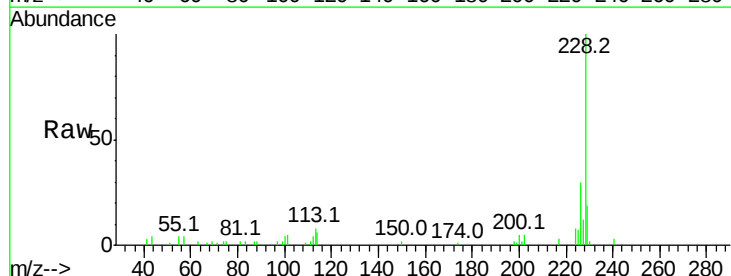
Instrument :
BNA_F
ClientSampleId :
DUP-2

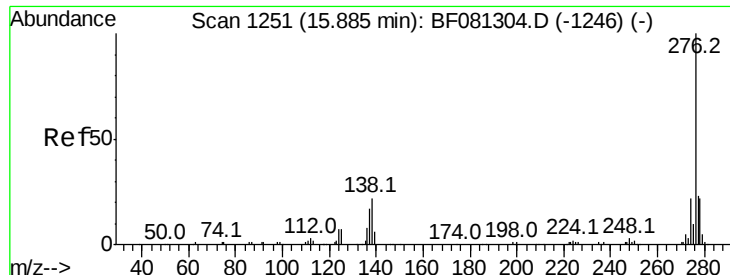
Tgt Ion:228 Resp: 25113
Ion Ratio Lower Upper
228 100
226 26.5 20.0 30.0
229 20.6 15.4 23.2



#82
Chrysene
Concen: 3.93 ng
RT: 23.37 min Scan# 1950
Delta R.T. -0.04 min
Lab File: BF081688.D
Acq: 17 Sep 2015 20:43

Tgt Ion:228 Resp: 26337
Ion Ratio Lower Upper
228 100
226 29.8 21.0 31.4
229 19.3 15.6 23.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.62 ng

RT: 25.82 min Scan# 2164

Delta R.T. -0.06 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

Instrument :

BNA_F

ClientSampleID :

DUP-2

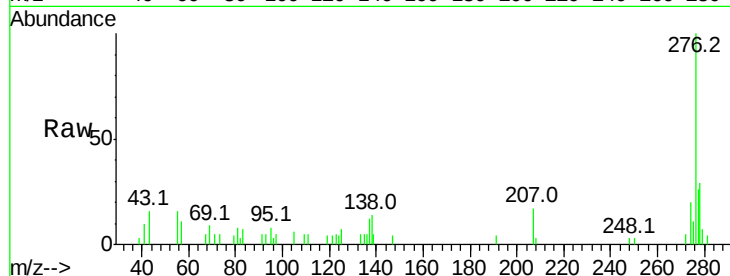
Tgt Ion:276 Resp: 17826

Ion Ratio Lower Upper

276 100

138 17.7 25.7 38.5#

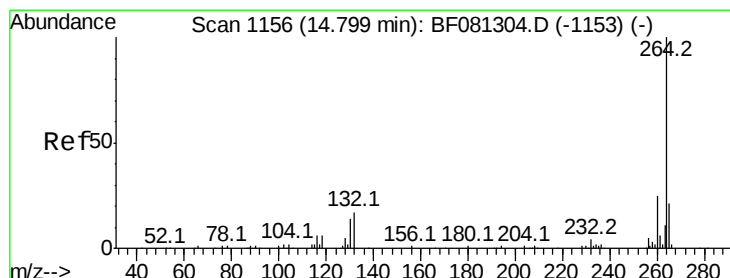
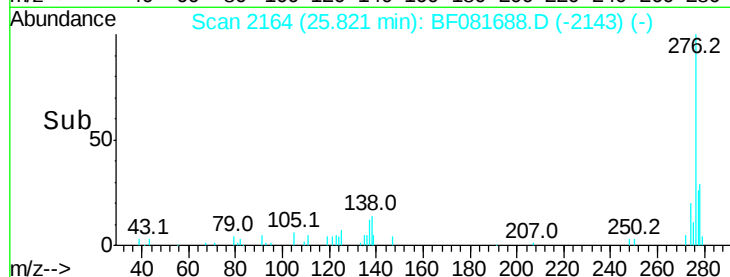
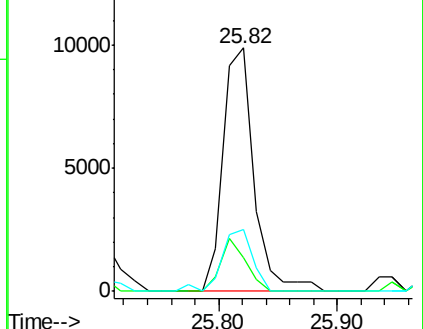
277 25.3 15.6 23.4#



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: 24.78 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

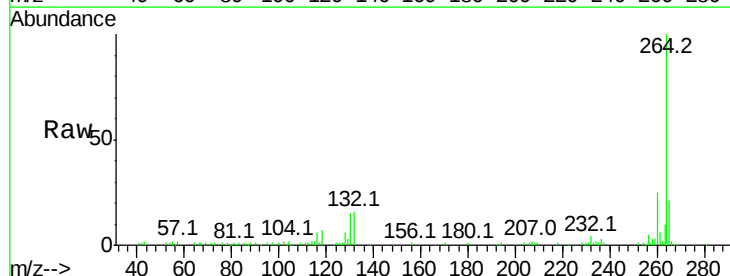
Tgt Ion:264 Resp: 80625

Ion Ratio Lower Upper

264 100

260 25.1 16.7 25.1#

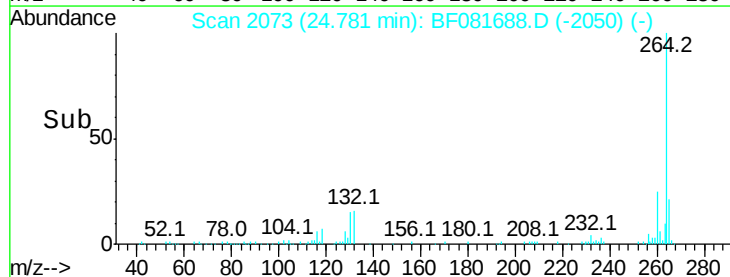
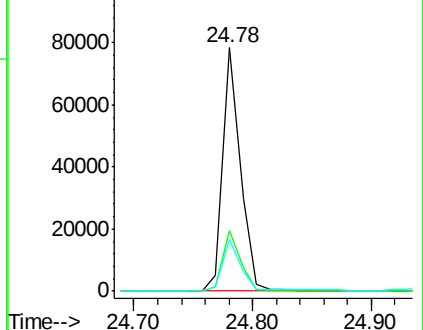
265 21.3 17.2 25.8

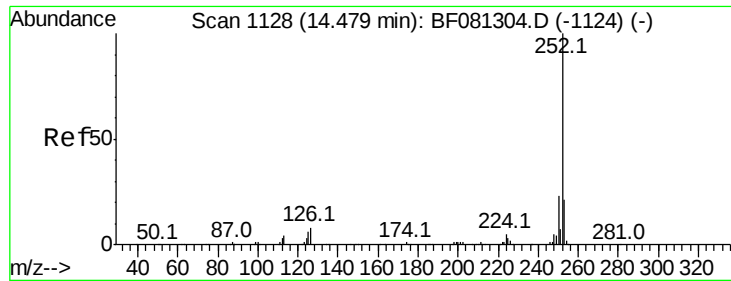


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

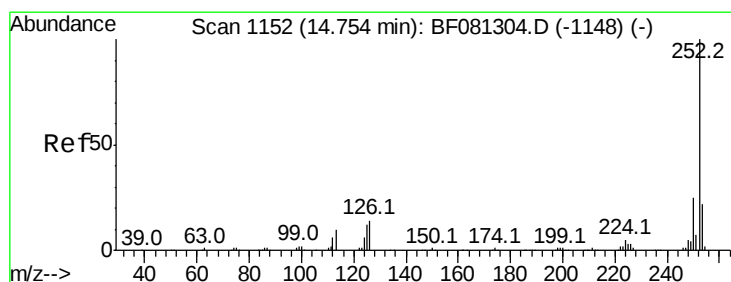
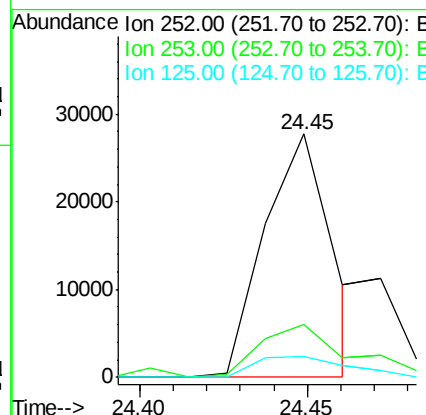
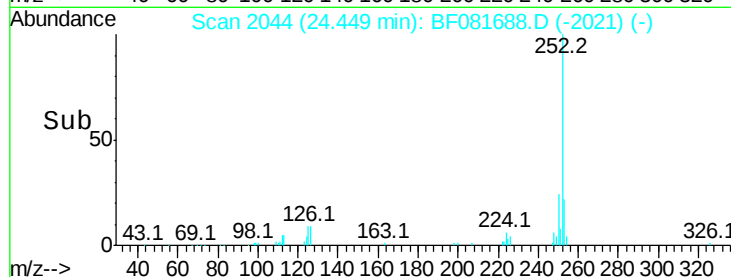
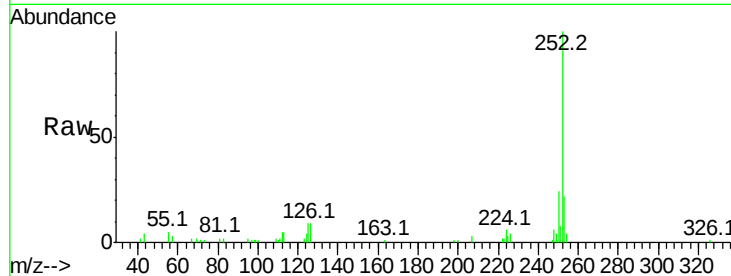




#87
Benzo(b)fluoranthene
Concen: 6.72 ng m
RT: 24.45 min Scan# 2044
Delta R.T. -0.03 min
Lab File: BF081688.D
Acq: 17 Sep 2015 20:43

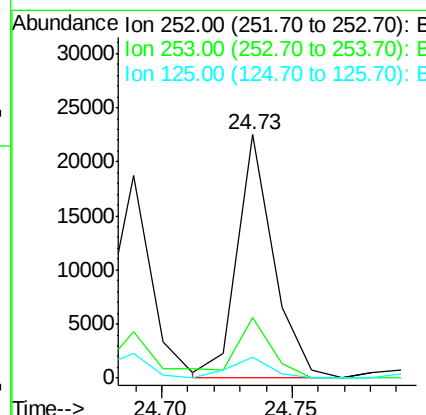
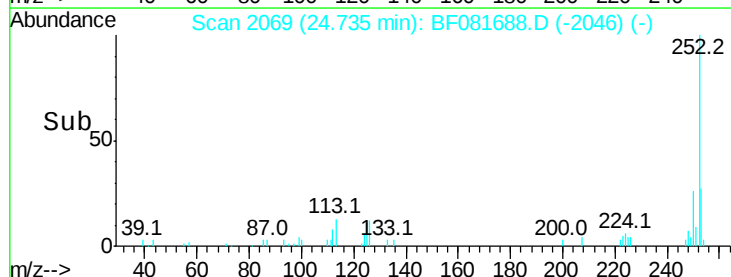
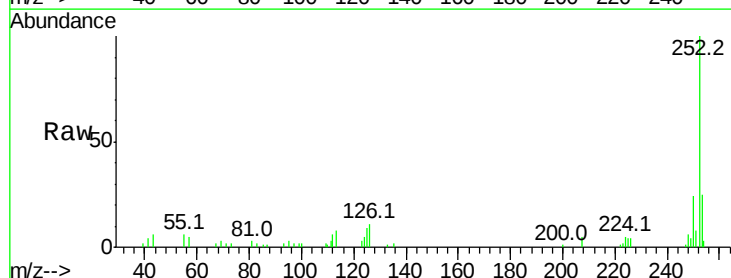
Instrument :
BNA_F
ClientSampleId :
DUP-2

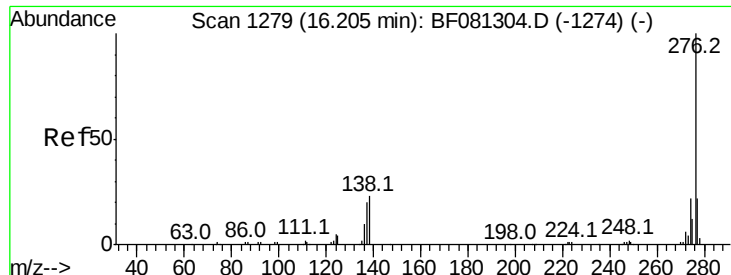
Tgt Ion:252 Resp: 38704
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.8 17.1 25.7#



#89
Benzo(a)pyrene
Concen: 4.51 ng
RT: 24.73 min Scan# 2069
Delta R.T. -0.03 min
Lab File: BF081688.D
Acq: 17 Sep 2015 20:43

Tgt Ion:252 Resp: 22006
Ion Ratio Lower Upper
252 100
253 24.6 17.2 25.8
125 8.8 18.0 27.0#





#91

Benzo(g,h,i)perylene

Concen: 4.77 ng

RT: 26.12 min Scan# 2190

Delta R.T. -0.06 min

Lab File: BF081688.D

Acq: 17 Sep 2015 20:43

Instrument :

BNA_F

ClientSampleId :

DUP-2

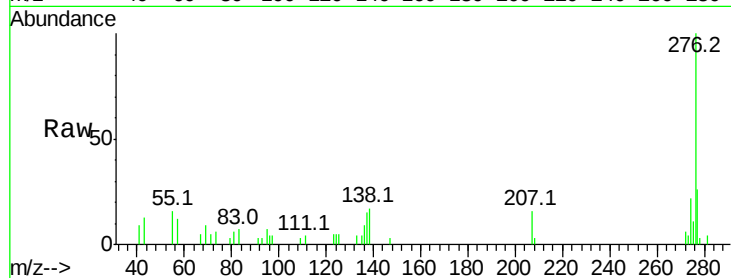
Tgt Ion:276 Resp: 17153

Ion Ratio Lower Upper

276 100

277 25.6 17.8 26.6

138 16.6 34.6 51.8#



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

