

Data File : BF095821.D
Acq On : 9 Jun 2017 14:55
Operator : SJ/MA
Sample : I3457-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-16(10-14)

Quant Time: Jun 10 02:15:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

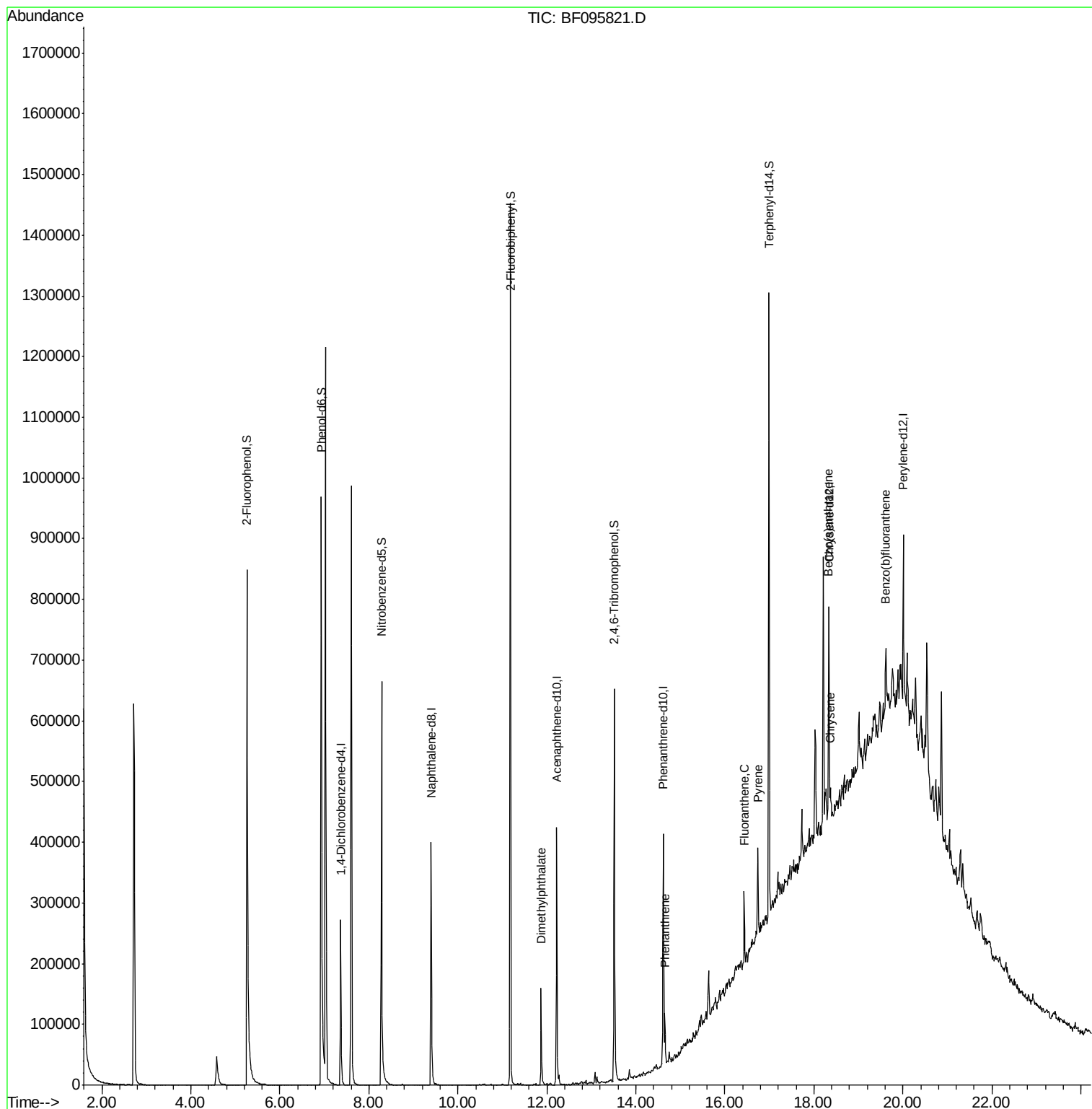
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	67061	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	274639	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	120493	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	192832	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	138024	20.00	ng	-0.02
86) Perylene-d12	20.01	264	121504	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	511568	121.55	ng	-0.03
7) Phenol-d6	6.93	99	624854	124.02	ng	-0.03
23) Nitrobenzene-d5	8.29	82	351325	79.45	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	110554	103.70	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	641900	74.13	ng	-0.04
78) Terphenyl-d14	16.99	244	402510	72.37	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	108660	11.88	ng	99
70) Phenanthrene	14.65	178	52089	4.68	ng	96
74) Fluoranthene	16.43	202	64486	5.86	ng	99
77) Pyrene	16.74	202	62112	6.03	ng	96
80) Benzo(a)anthracene	18.33	228	24884	3.10	ng	# 94
82) Chrysene	18.37	228	23863	2.98	ng	# 92
87) Benzo(b)fluoranthene	19.61	252	28316m	3.72	ng	

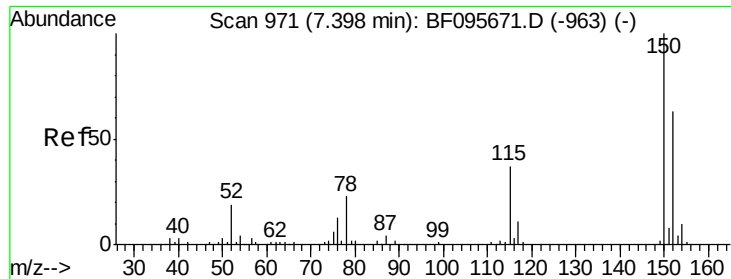
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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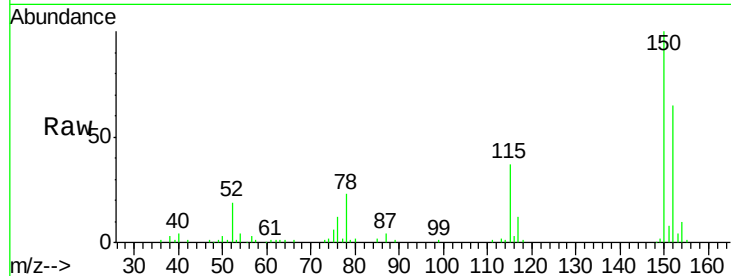


#1

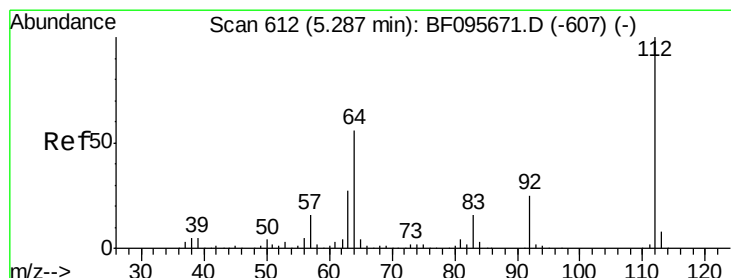
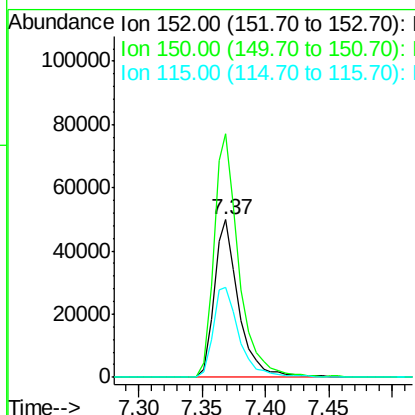
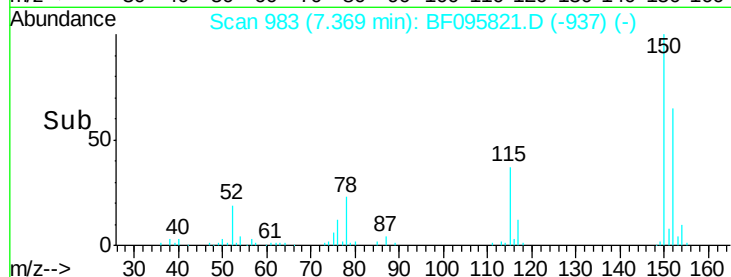
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095821.D
Acq: 9 Jun 2017 14:55

Instrument :
BNA_F
ClientSampleId :
B-16(10-14)

Tgt Ion:152 Resp: 67061
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 57.0 52.2 78.2



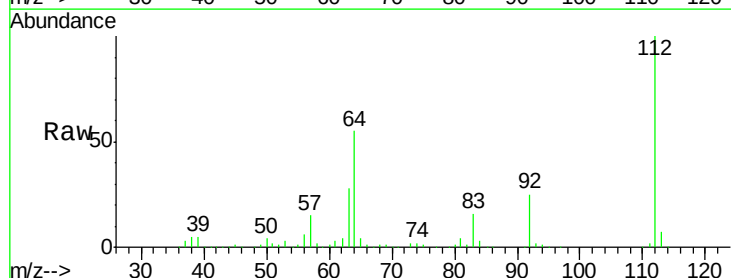
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



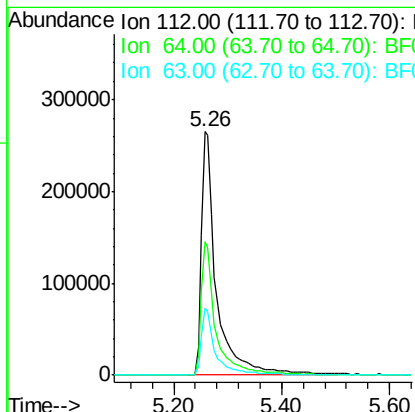
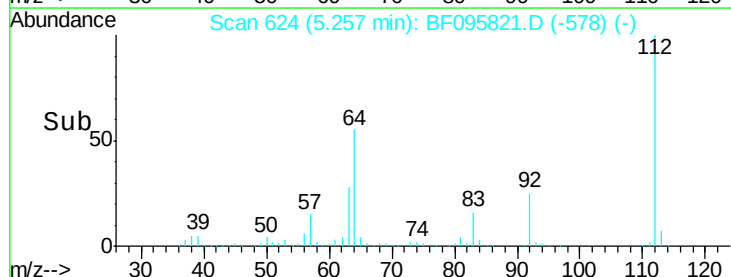
#5

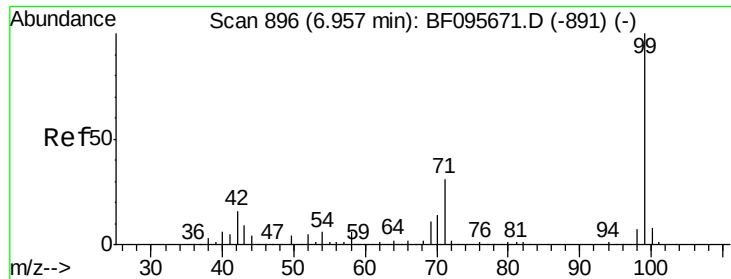
2-Fluorophenol
Concen: 121.55 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095821.D
Acq: 9 Jun 2017 14:55

Tgt Ion:112 Resp: 511568
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 27.6 23.4 35.0



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: 124.02 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

Instrument :

BNA_F

ClientSampleId :

B-16(10-14)

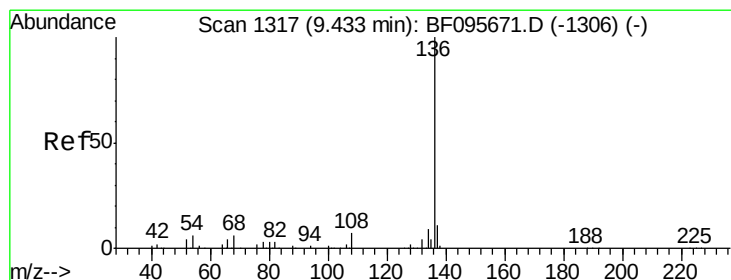
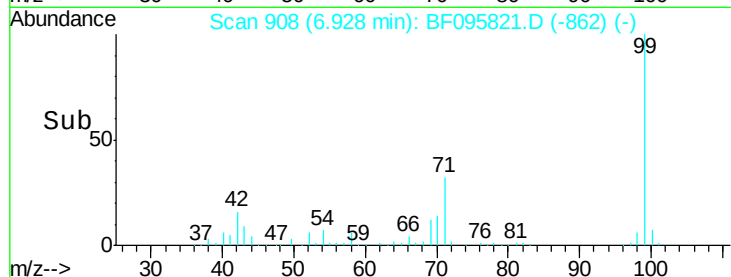
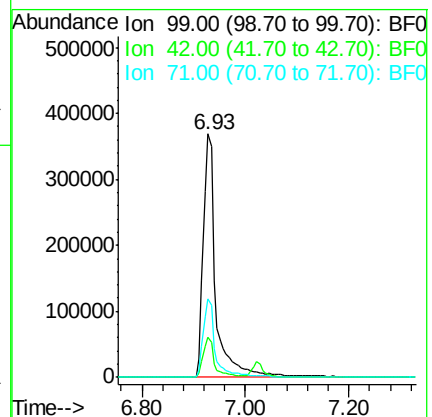
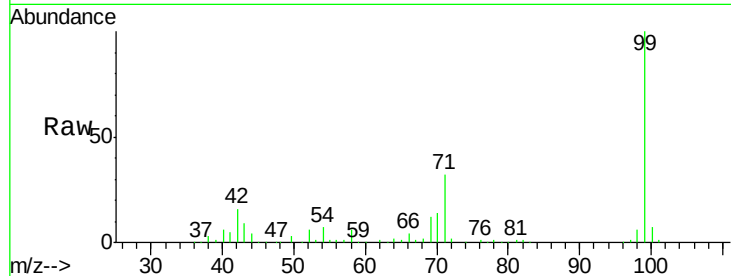
Tgt Ion: 99 Resp: 624854

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 32.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

Tgt Ion: 136 Resp: 274639

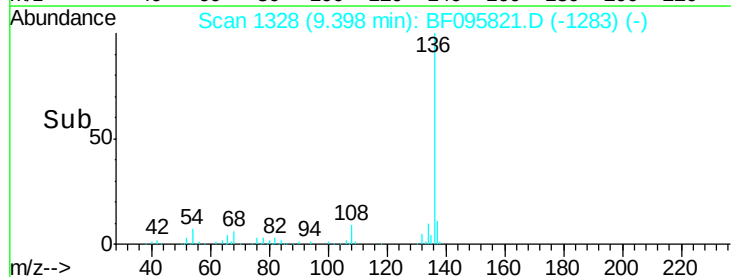
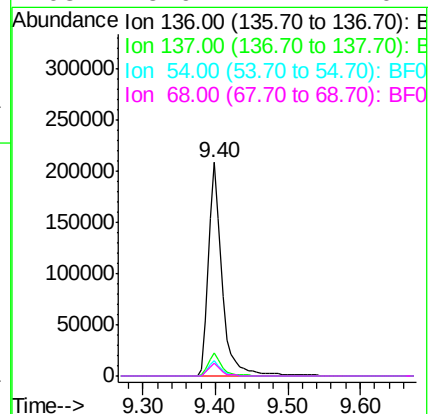
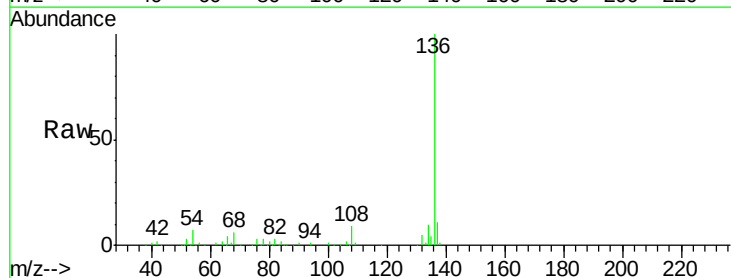
Ion Ratio Lower Upper

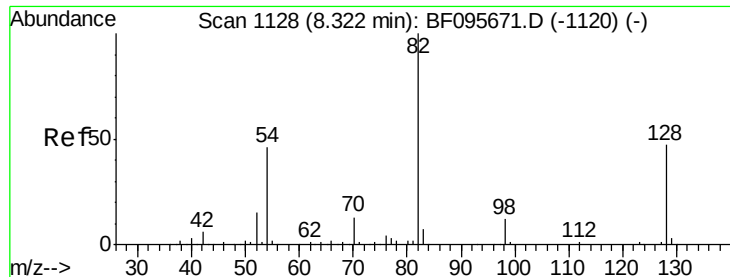
136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.9 4.1 6.1

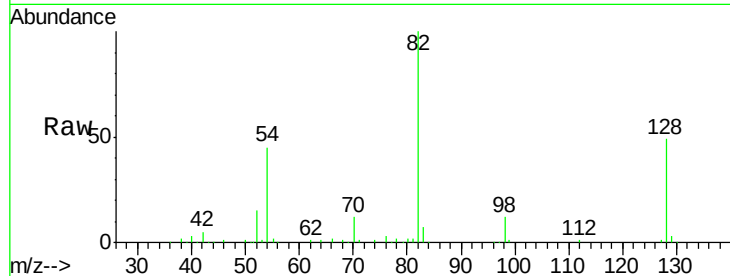




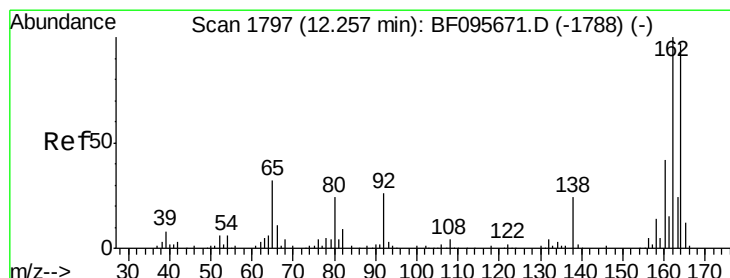
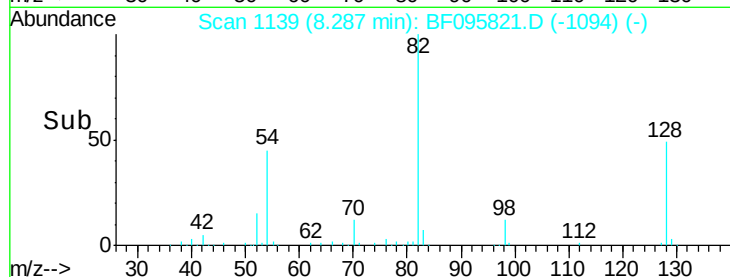
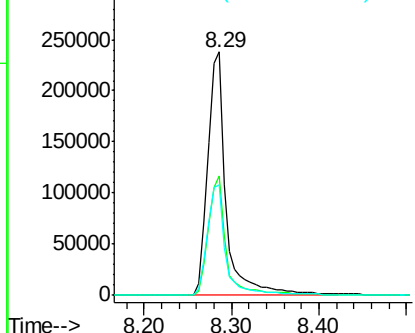
#23
 Nitrobenzene-d5
 Concen: 79.45 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF095821.D
 Acq: 9 Jun 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 B-16(10-14)

Tgt Ion: 82 Resp: 351325
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 45.3 42.2 63.2

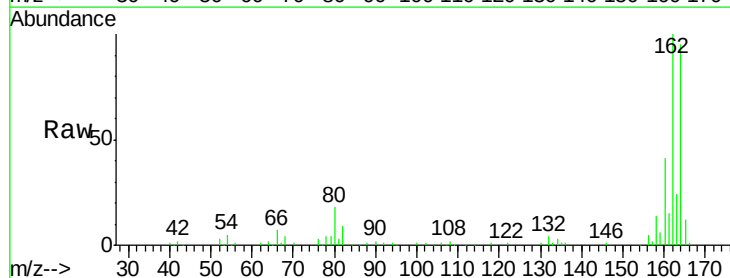


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

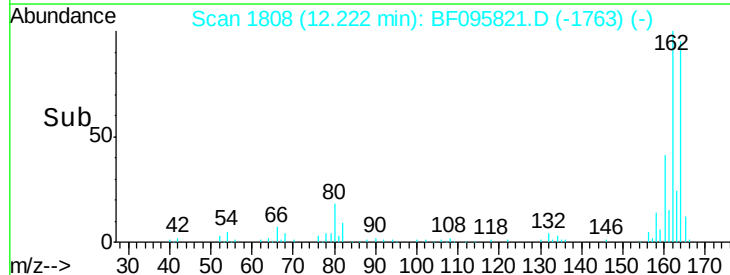
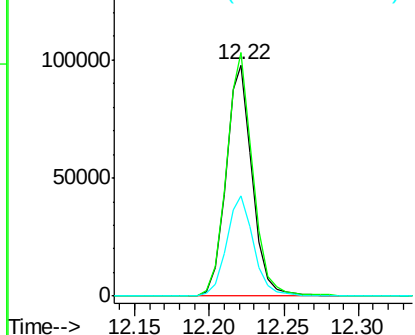


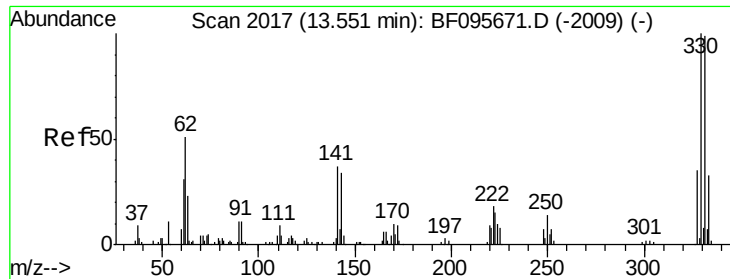
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095821.D
 Acq: 9 Jun 2017 14:55

Tgt Ion: 164 Resp: 120493
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 43.3 36.2 54.2



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

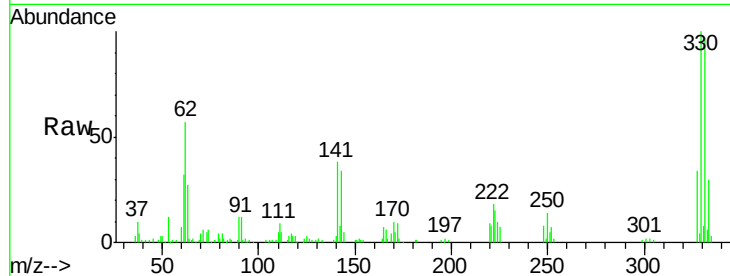




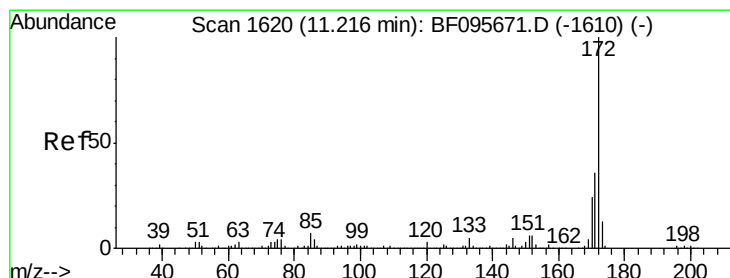
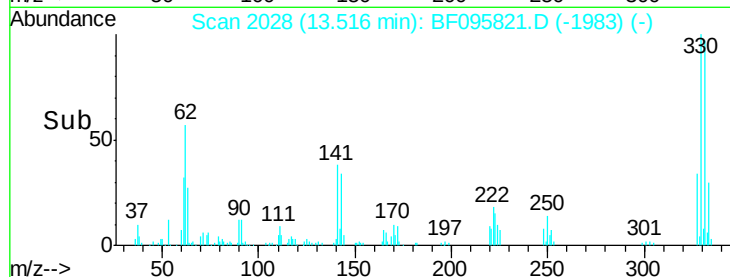
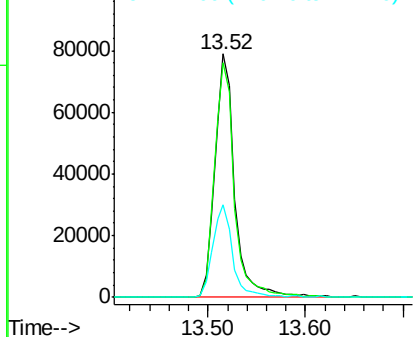
#41
 2,4,6-Tribromophenol
 Concen: 103.70 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095821.D
 Acq: 9 Jun 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 B-16(10-14)

Tgt Ion:330 Resp: 110554
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.0 31.4 47.2

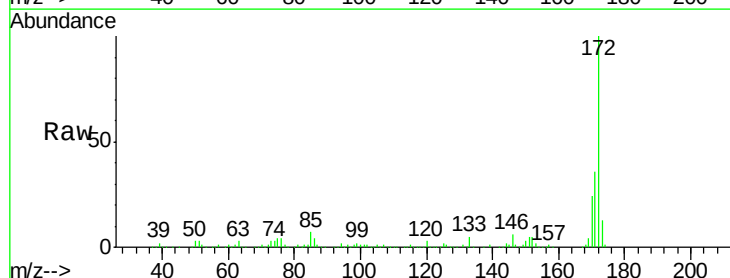


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

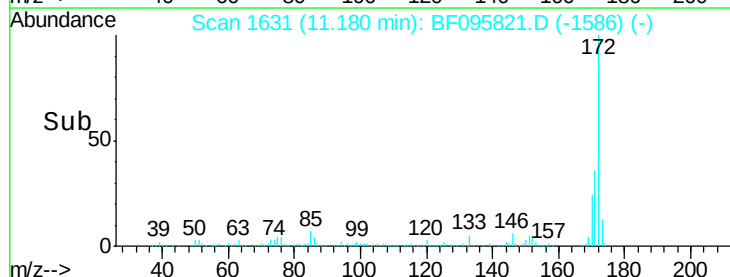
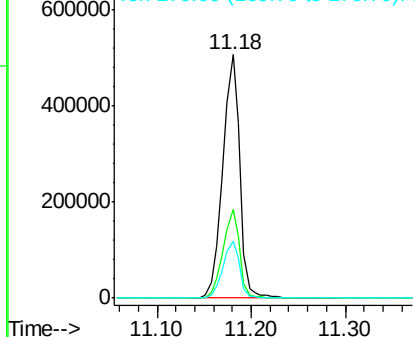


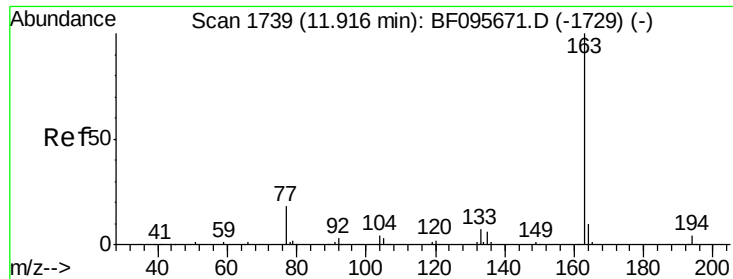
#44
 2-Fluorobiphenyl
 Concen: 74.13 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095821.D
 Acq: 9 Jun 2017 14:55

Tgt Ion:172 Resp: 641900
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.6 19.8 29.8



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

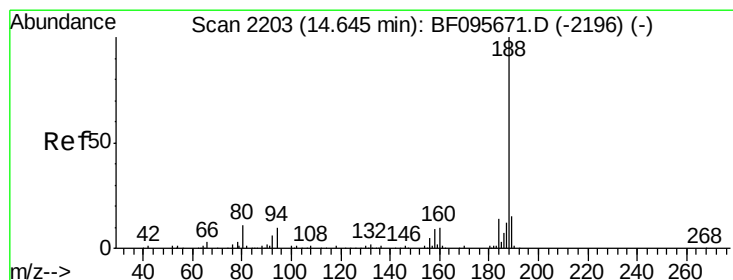
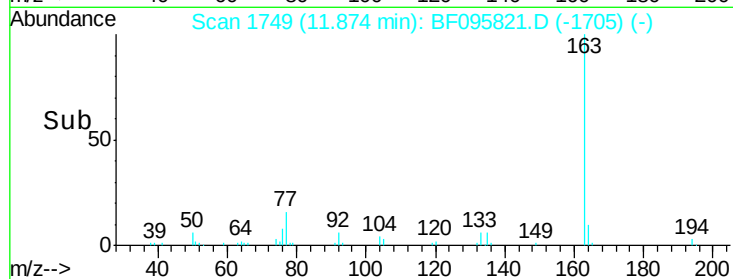
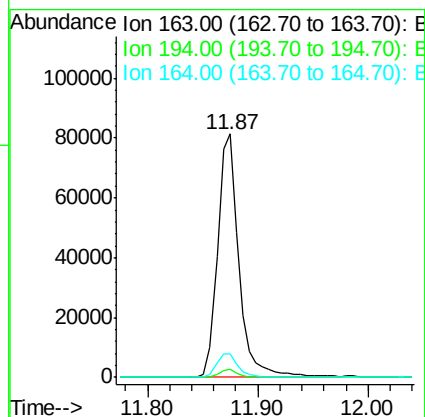
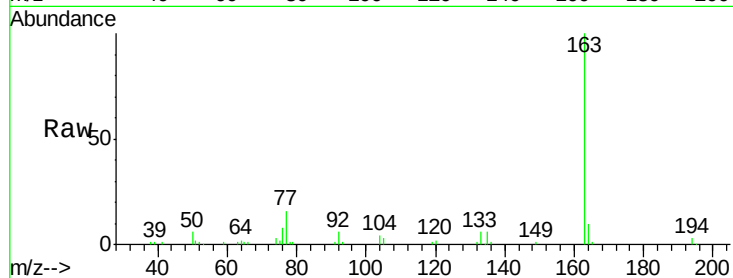




#49
Dimethylphthalate
Concen: 11.88 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095821.D
Acq: 9 Jun 2017 14:55

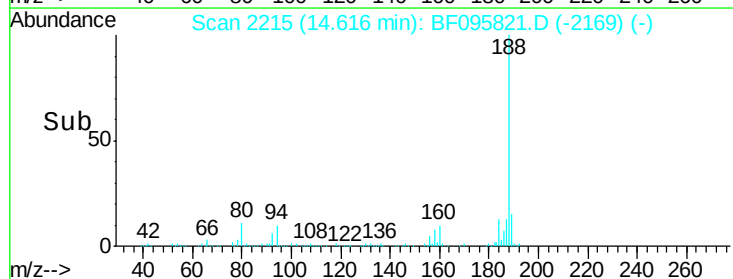
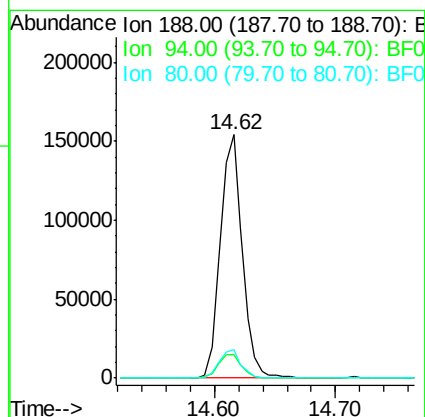
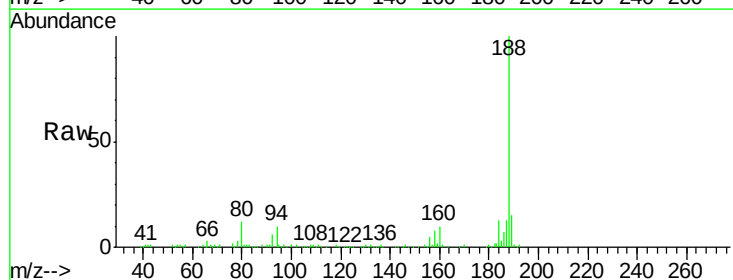
Instrument :
BNA_F
ClientSampleId :
B-16(10-14)

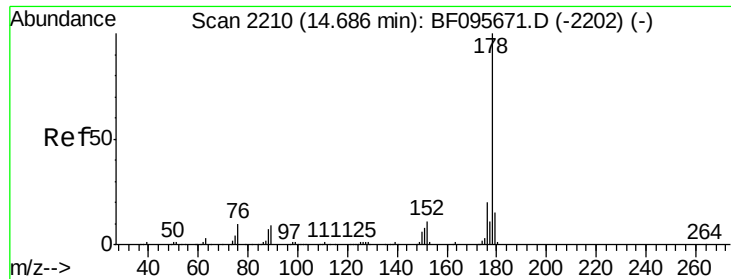
Tgt Ion:163 Resp: 108660
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095821.D
Acq: 9 Jun 2017 14:55

Tgt Ion:188 Resp: 192832
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.6 10.2 15.2





#70

Phenanthrene

Concen: 4.68 ng

RT: 14.65 min Scan# 2221

Delta R.T. -0.04 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

Instrument :

BNA_F

ClientSampleId :

B-16(10-14)

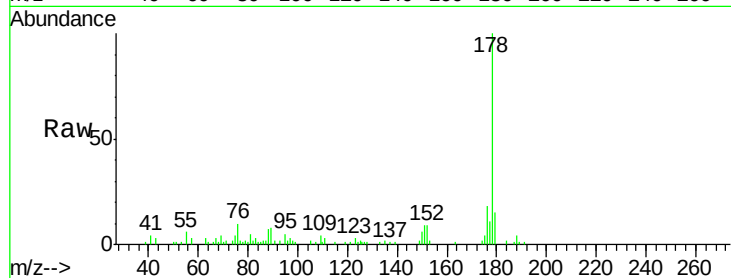
Tgt Ion:178 Resp: 52089

Ion Ratio Lower Upper

178 100

176 17.9 16.2 24.4

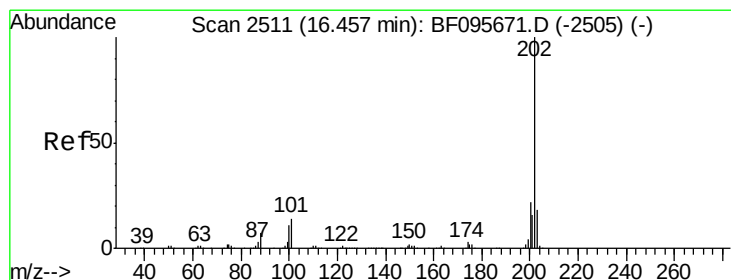
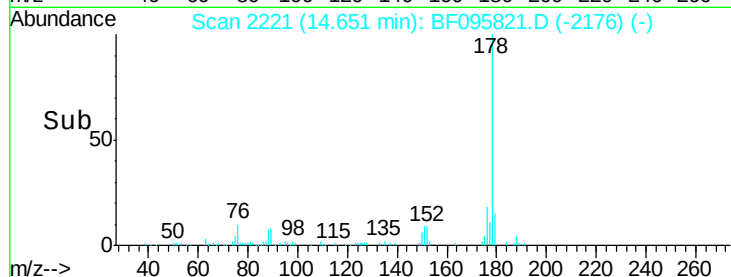
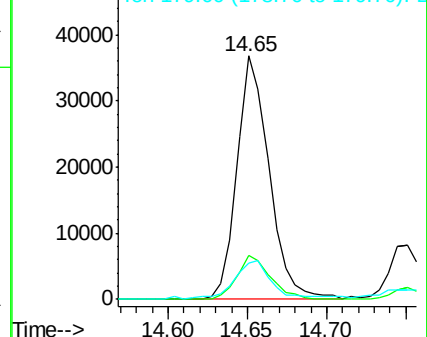
179 14.9 12.6 19.0



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



#74

Fluoranthene

Concen: 5.86 ng

RT: 16.43 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

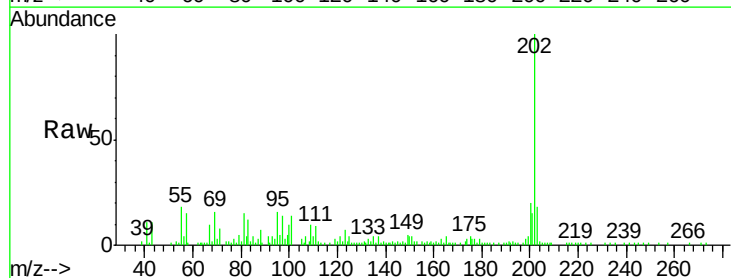
Tgt Ion:202 Resp: 64486

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

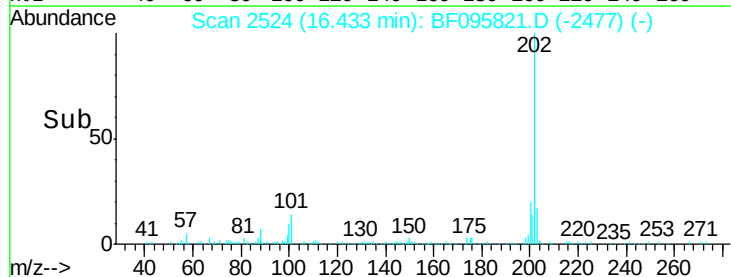
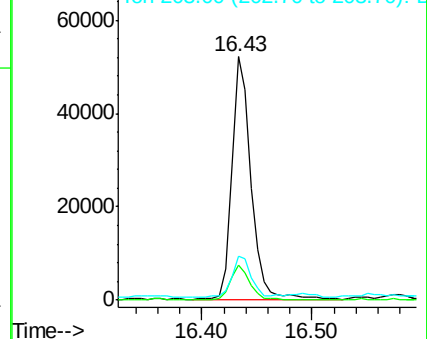
203 18.1 0.0 38.1

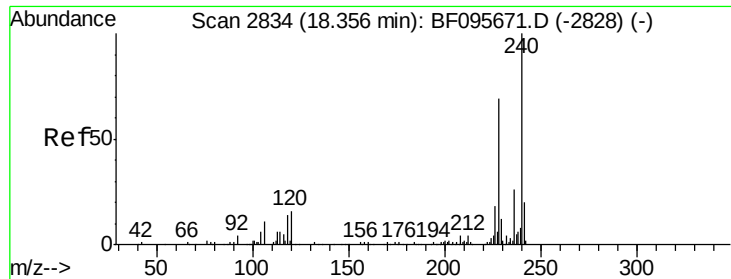


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

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B-16(10-14)

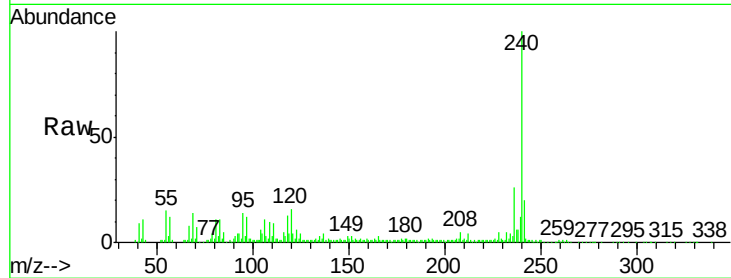
Tgt Ion:240 Resp: 138024

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

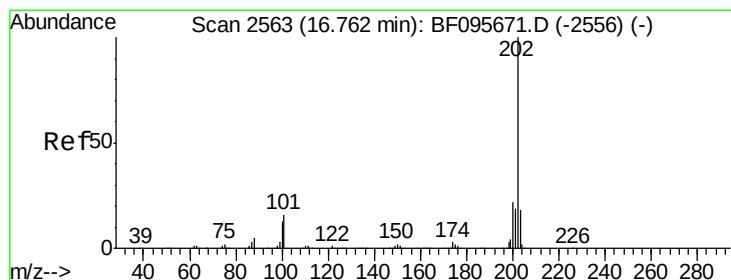
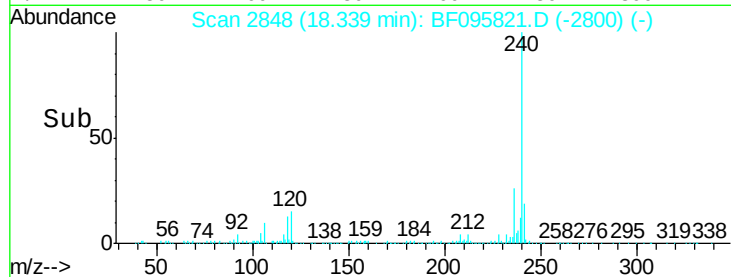
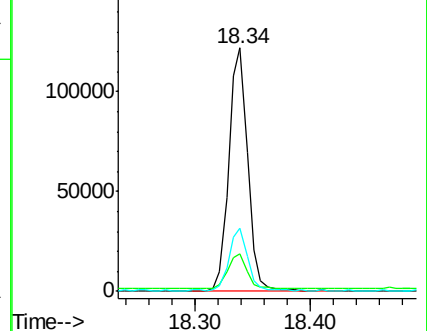
236 25.9 20.5 30.7



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: 6.03 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

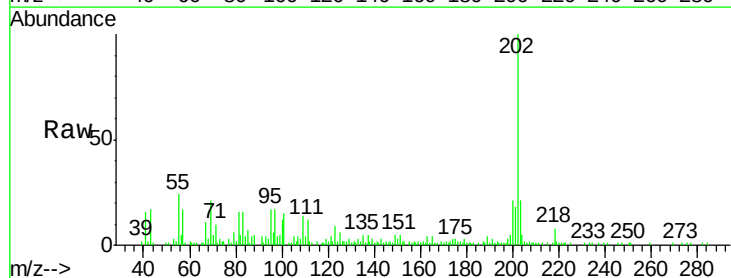
Tgt Ion:202 Resp: 62112

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

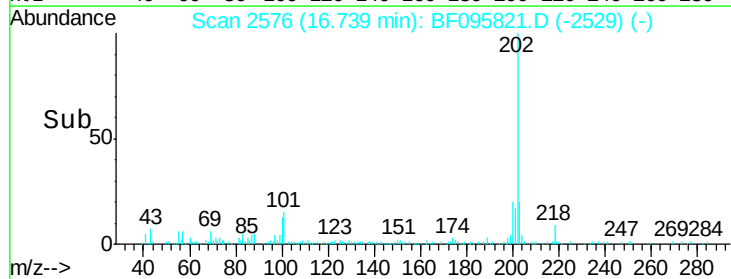
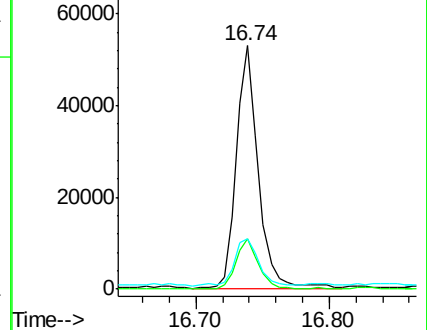
203 20.9 14.4 21.6

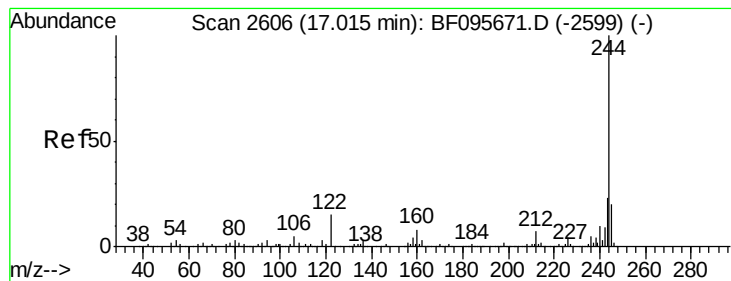


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.37 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

Instrument :

BNA_F

ClientSampleId :

B-16(10-14)

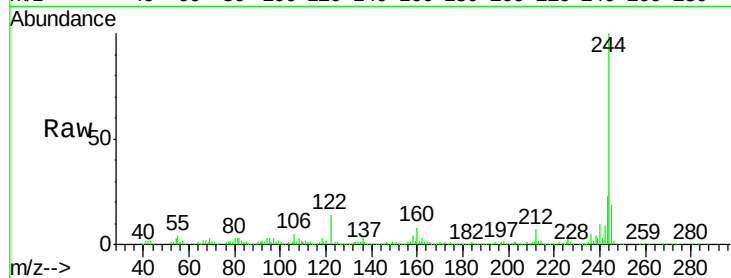
Tgt Ion:244 Resp: 402510

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

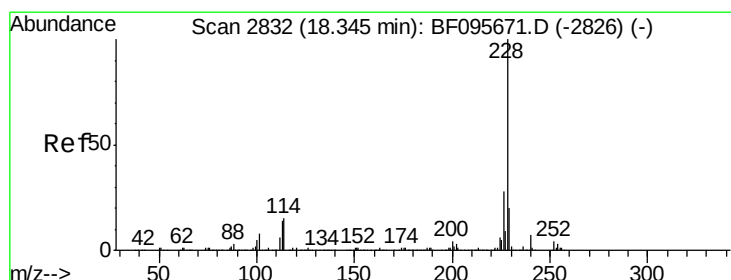
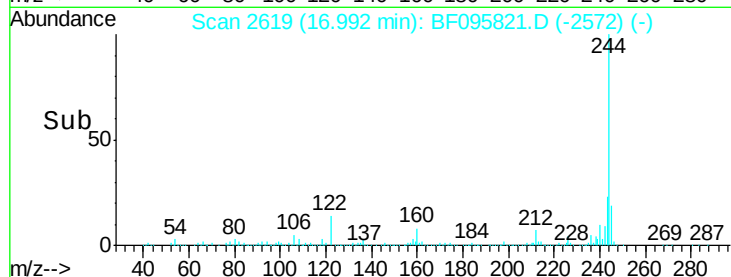
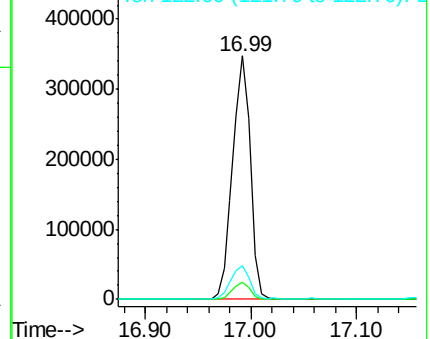
122 14.0 10.3 15.5



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: 3.10 ng

RT: 18.33 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

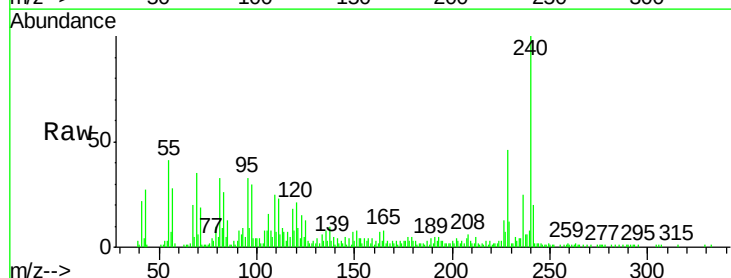
Tgt Ion:228 Resp: 24884

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

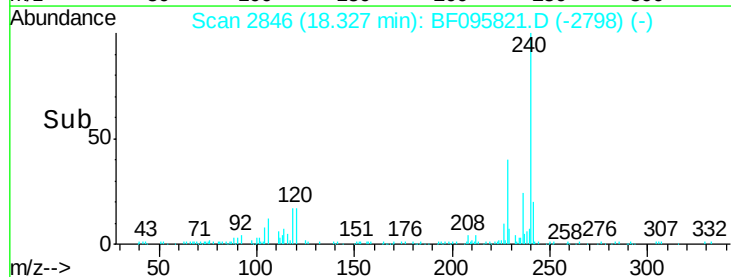
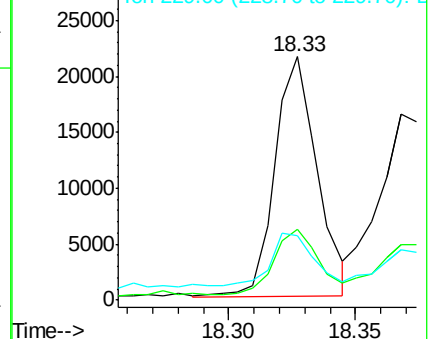
229 26.3 16.3 24.5#

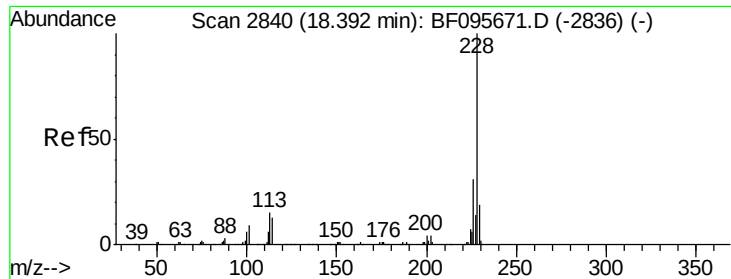


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.98 ng

RT: 18.37 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

Instrument :

BNA_F

ClientSampleId :

B-16(10-14)

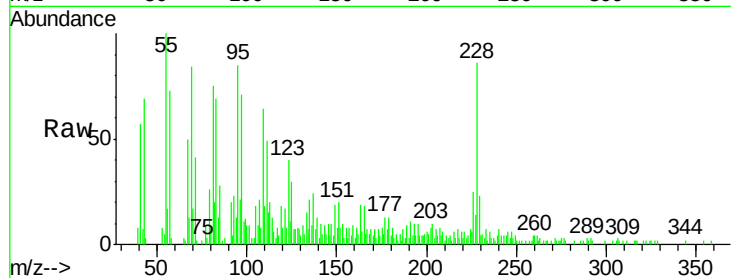
Tgt Ion:228 Resp: 23863

Ion Ratio Lower Upper

228 100

226 29.6 24.9 37.3

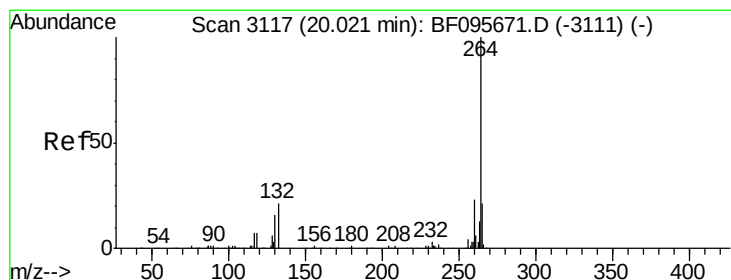
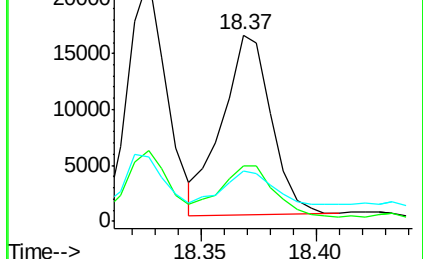
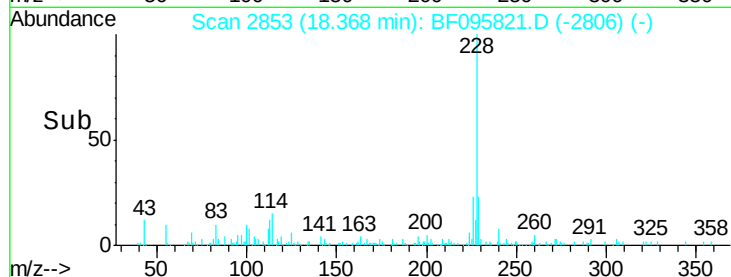
229 26.8 15.8 23.6#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.01 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BF095821.D

Acq: 9 Jun 2017 14:55

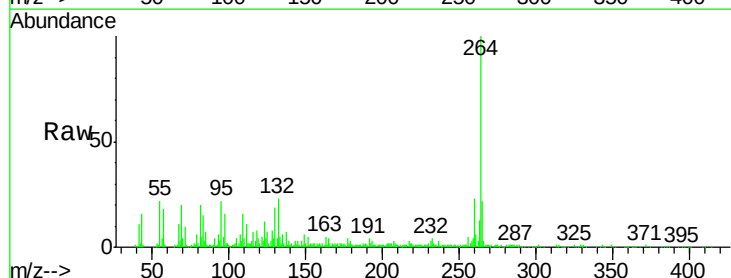
Tgt Ion:264 Resp: 121504

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

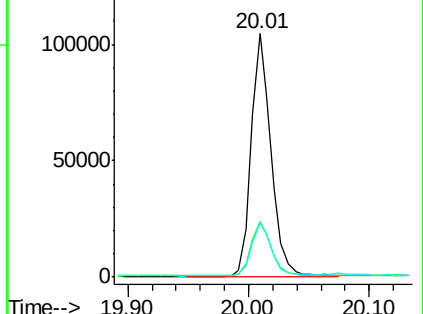
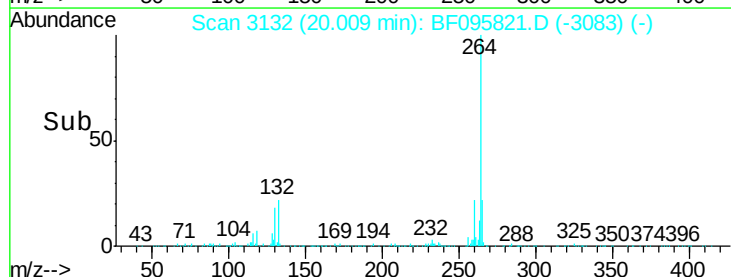
265 22.2 17.2 25.8

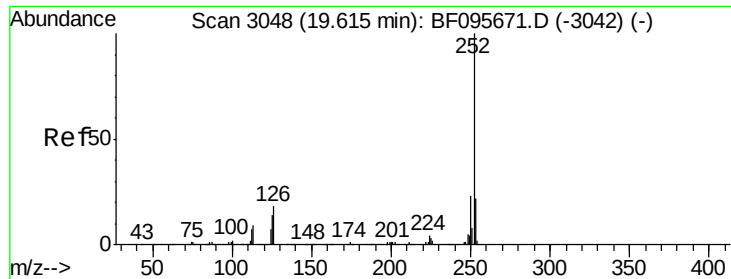


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

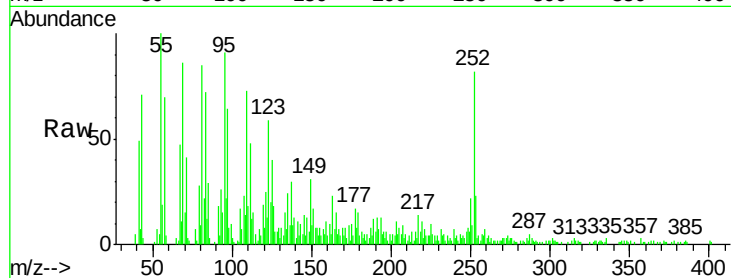




#87
 Benzo(b)fluoranthene
 Concen: 3.72 ng m
 RT: 19.61 min Scan# 3064
 Delta R.T. -0.01 min
 Lab File: BF095821.D
 Acq: 9 Jun 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 B-16(10-14)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.1	27.1#
125	49.2	9.8	14.8#



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

