

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095781.D
 Acq On : 8 Jun 2017 13:56
 Operator : SJ/MA
 Sample : I3469-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 16:50:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

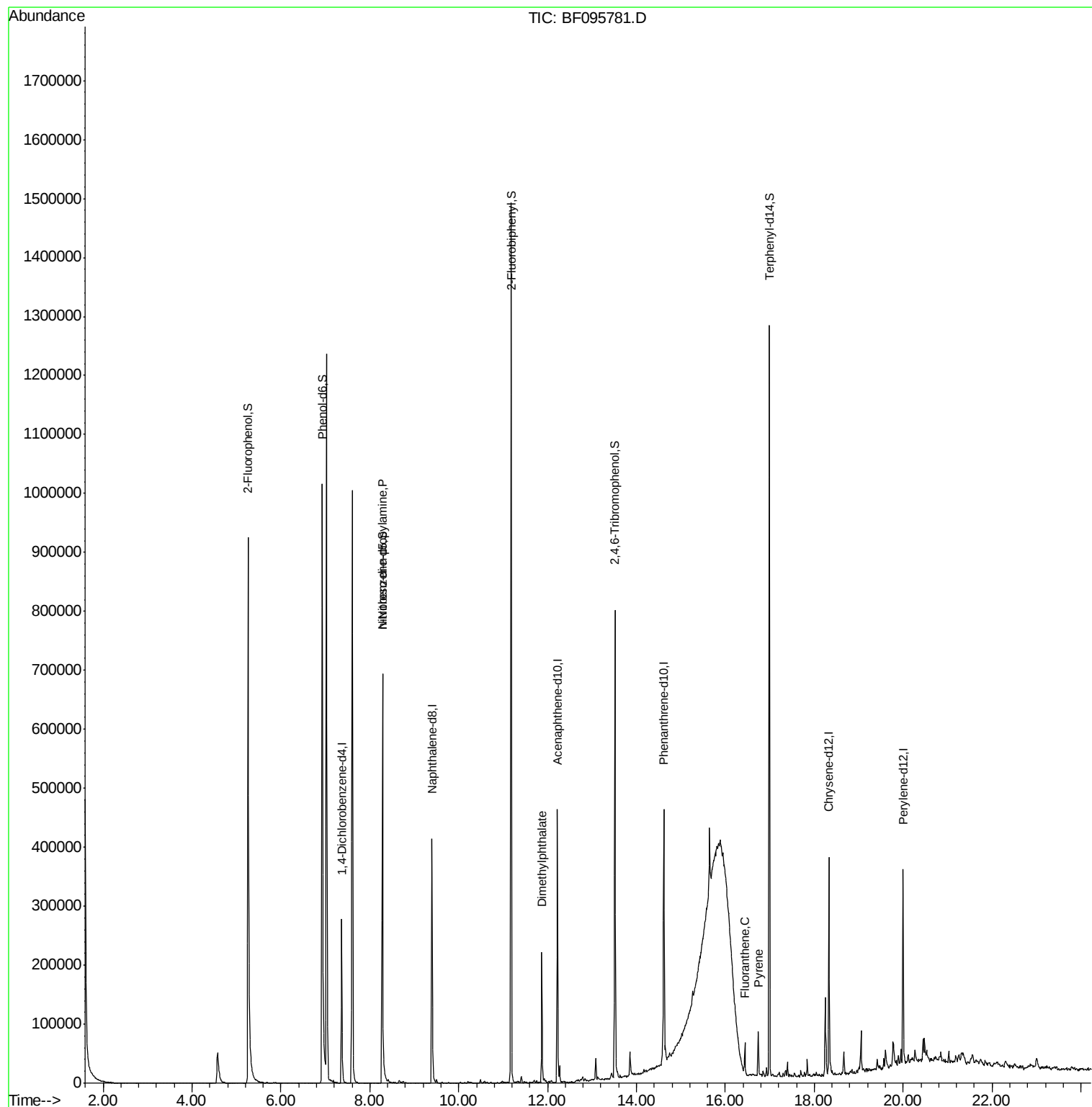
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	68816	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	285641	20.00	ng	0.00
38) Acenaphthene-d10	12.22	164	129219	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	221462	20.00	ng	0.00
75) Chrysene-d12	18.33	240	151983	20.00	ng	-0.01
86) Perylene-d12	20.00	264	133604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	510629	118.24	ng	0.00
7) Phenol-d6	6.93	99	636414	123.09	ng	0.00
23) Nitrobenzene-d5	8.29	82	367524	79.91	ng	0.00
41) 2,4,6-Tribromophenol	13.52	330	132865	116.21	ng	0.00
44) 2-Fluorobiphenyl	11.18	172	682923	73.54	ng	0.00
78) Terphenyl-d14	16.99	244	475866	77.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	47330	14.45	ng	Qvalue # 76
49) Dimethylphthalate	11.87	163	133044	13.56	ng	98
74) Fluoranthene	16.44	202	26952	2.13	ng	98
77) Pyrene	16.74	202	24861	2.19	ng	96

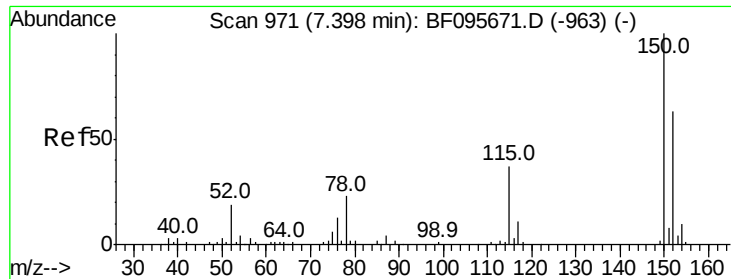
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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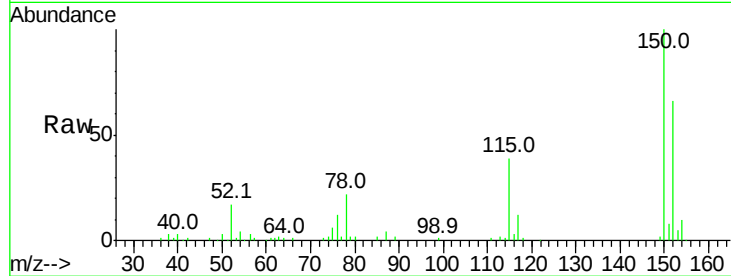


#1

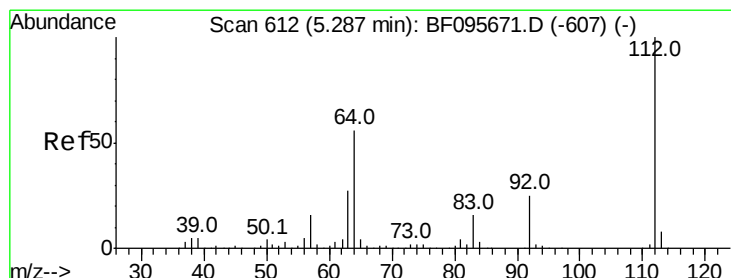
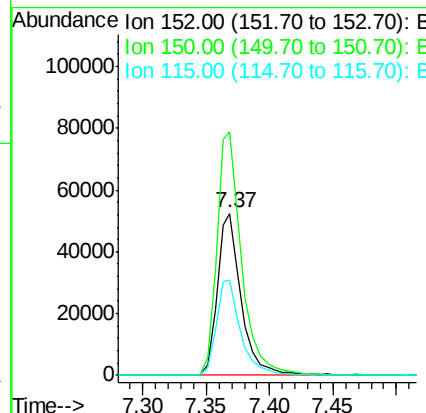
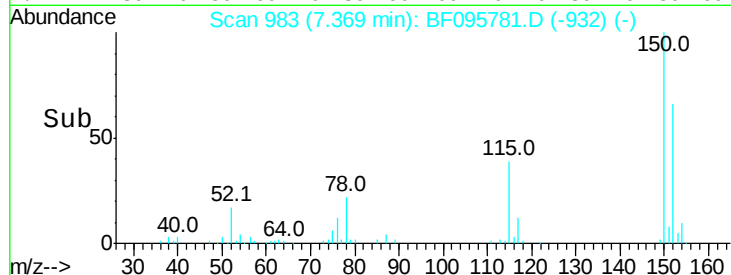
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF095781.D
 Acq: 8 Jun 2017 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 68816
 Ion Ratio Lower Upper
 152 100
 150 150.5 126.2 189.2
 115 58.8 52.2 78.2



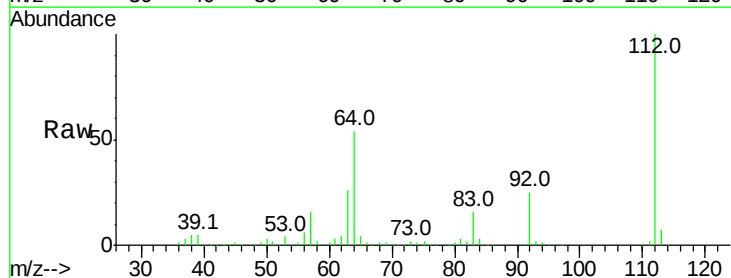
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



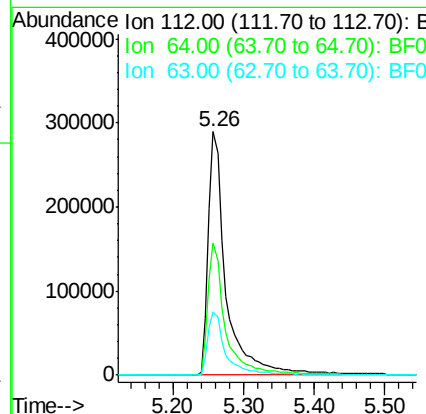
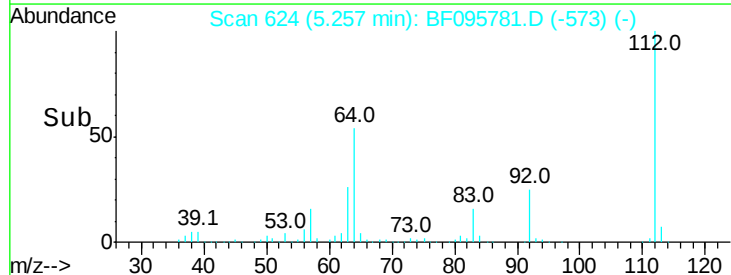
#5

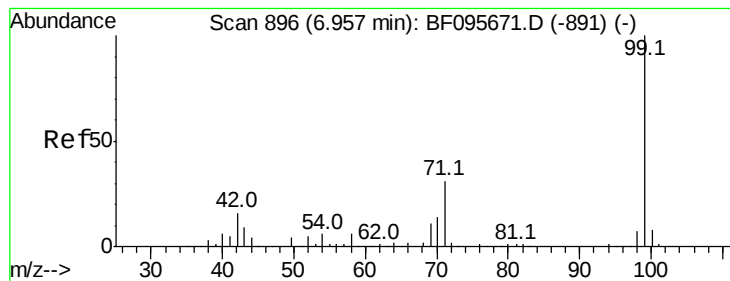
2-Fluorophenol
 Concen: 118.24 ng
 RT: 5.26 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF095781.D
 Acq: 8 Jun 2017 13:56

Tgt Ion:112 Resp: 510629
 Ion Ratio Lower Upper
 112 100
 64 54.4 46.0 69.0
 63 26.2 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: 123.09 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF095781.D

Acq: 8 Jun 2017 13:56

Instrument :

BNA_F

ClientSampled :

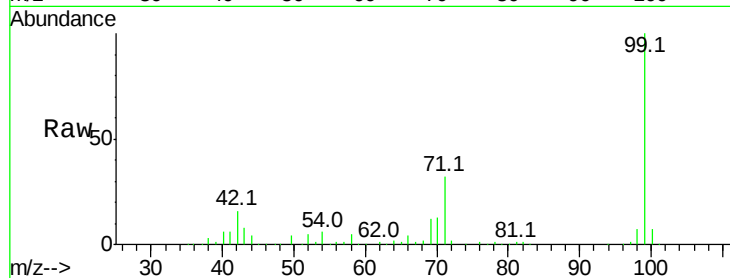
Tot Ion: 99 Resp: 636414

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

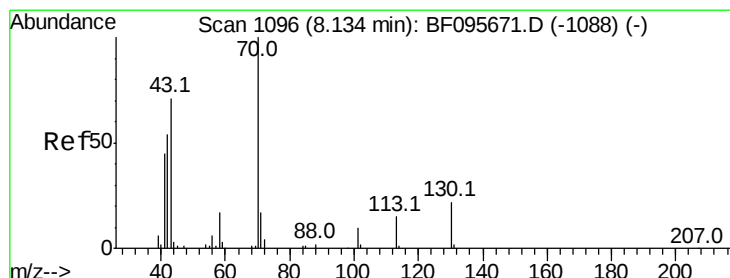
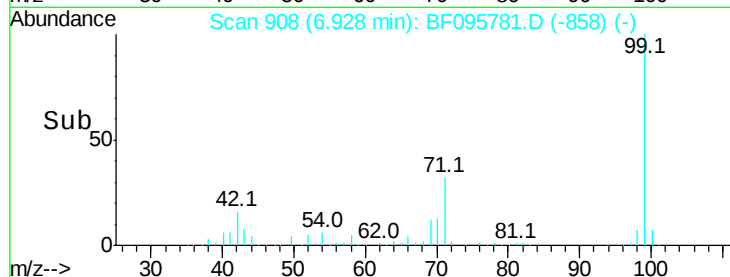
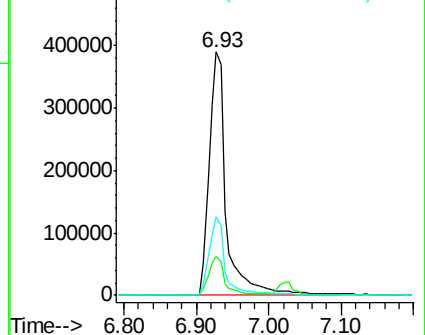
71 32.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.45 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.18 min

Lab File: BF095781.D

Acq: 8 Jun 2017 13:56

Tgt Ion: 70 Resp: 47330

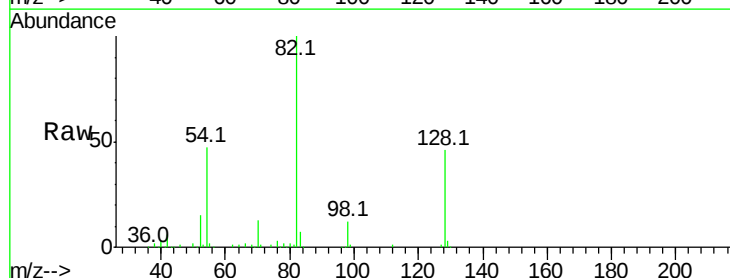
Ion Ratio Lower Upper

70 100

42 44.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

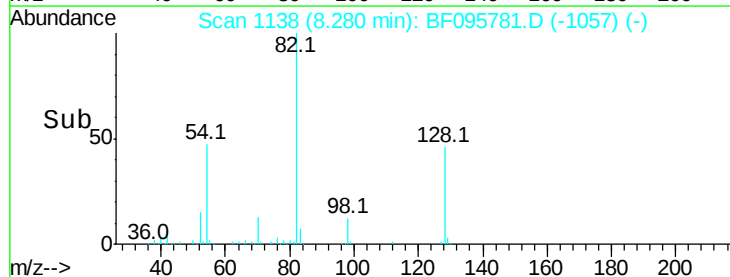
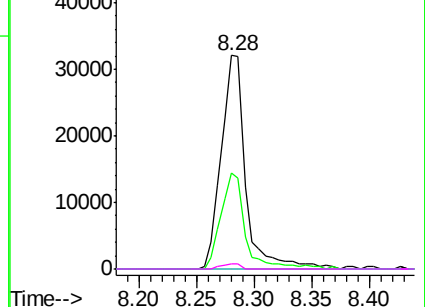


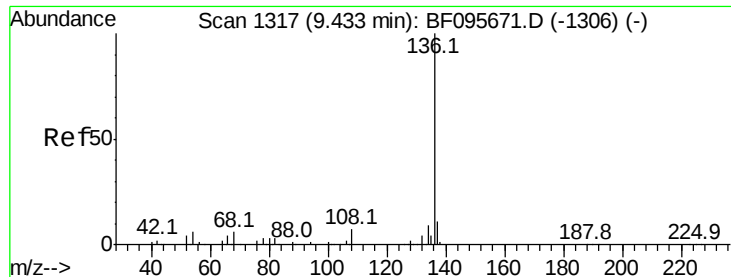
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF095781.D

Acq: 8 Jun 2017 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 285641

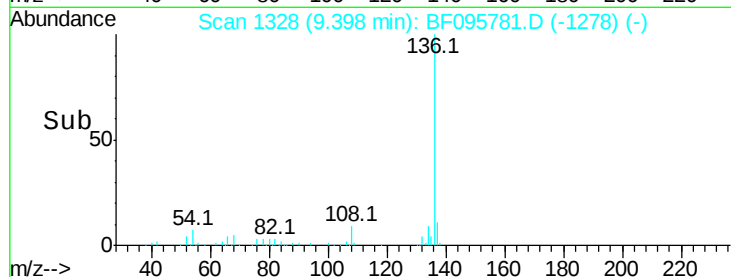
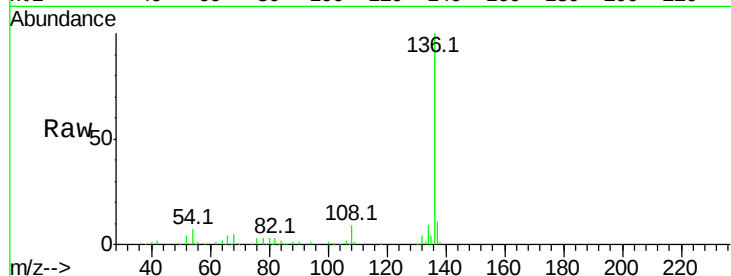
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.3 4.1 6.1

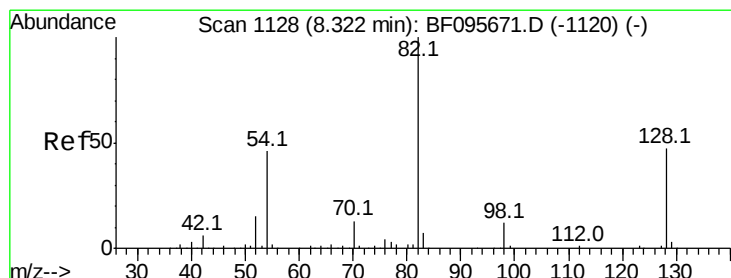
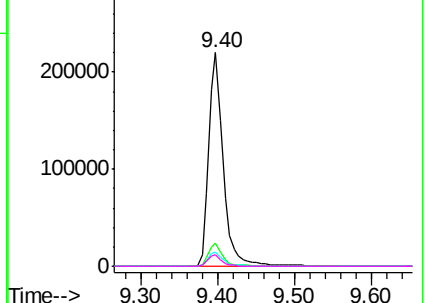


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.91 ng

RT: 8.29 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF095781.D

Acq: 8 Jun 2017 13:56

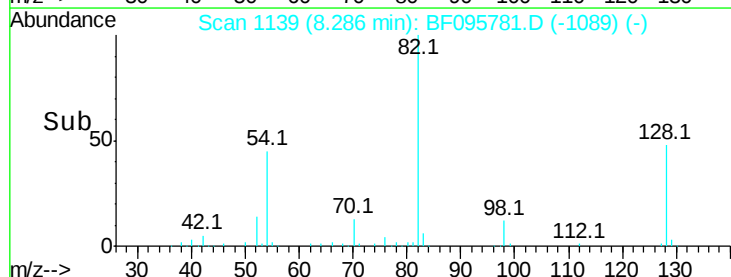
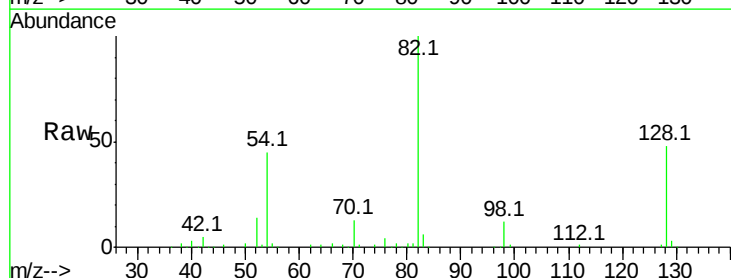
Tgt Ion: 82 Resp: 367524

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

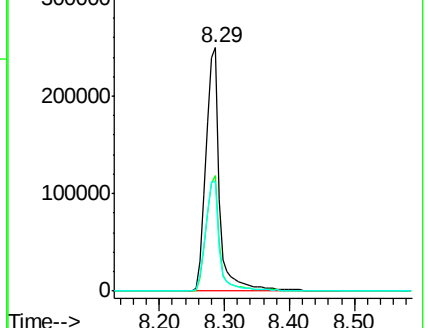
54 44.9 42.2 63.2

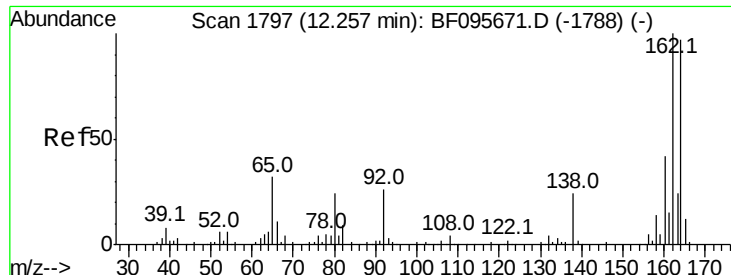


Abundance Ion 82.00 (81.70 to 82.70): BF0

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. -0.01 min

Lab File: BF095781.D

Acq: 8 Jun 2017 13:56

Instrument :

BNA_F

ClientSampled :

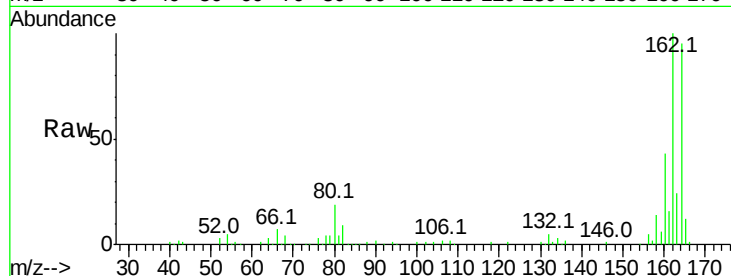
Tot Ion:164 Resp: 129219

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

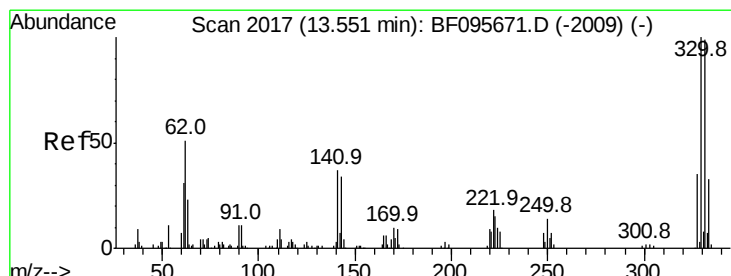
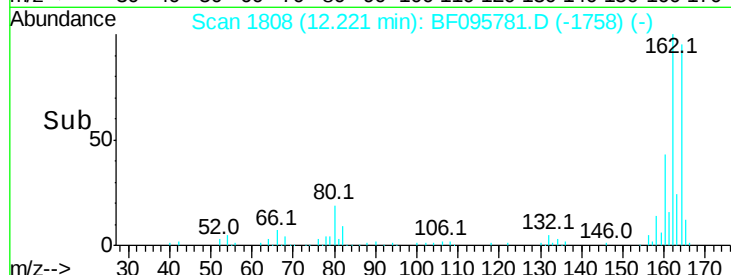
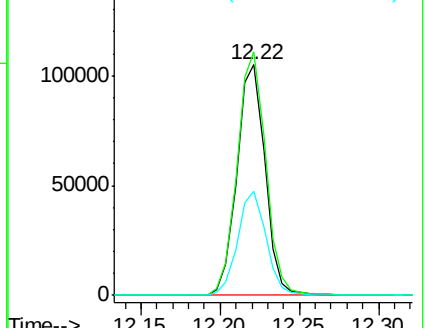
160 45.2 36.2 54.2



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: 116.21 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF095781.D

Acq: 8 Jun 2017 13:56

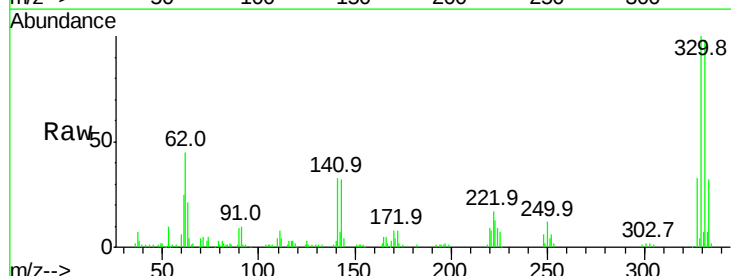
Tgt Ion:330 Resp: 132865

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

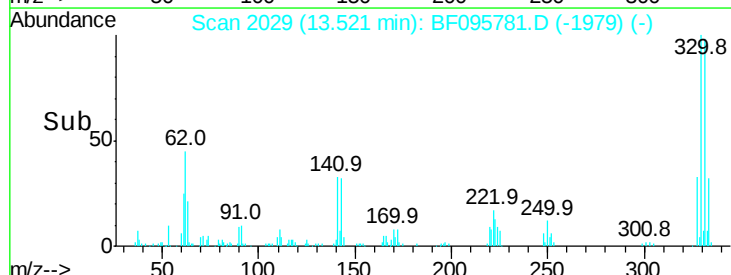
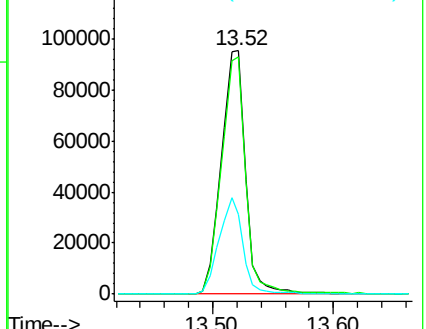
141 38.6 31.4 47.2

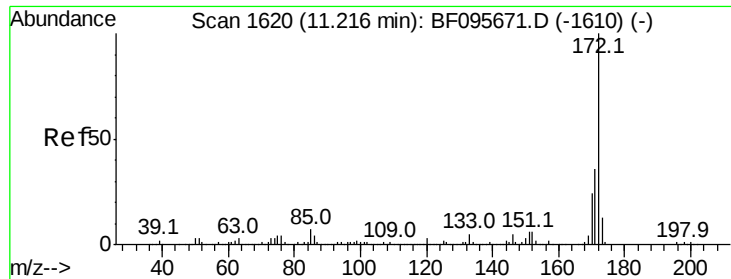


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

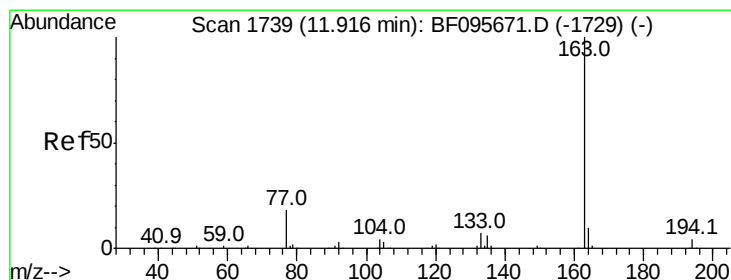
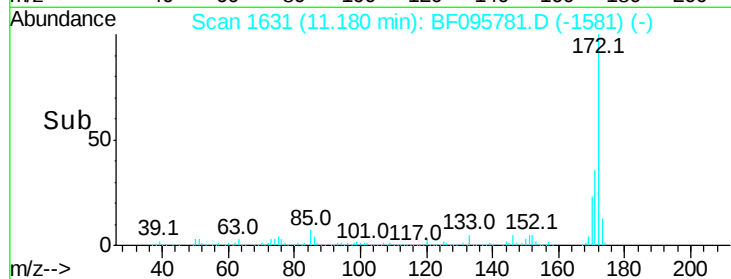
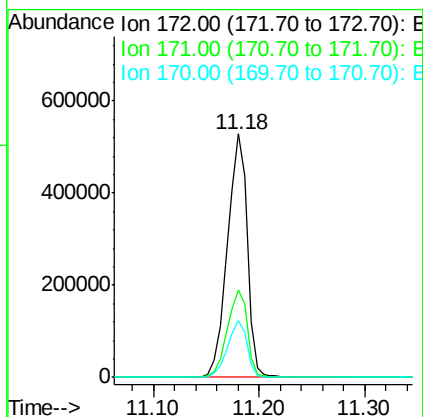
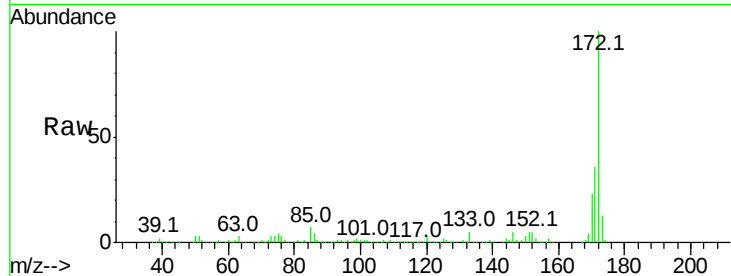




#44
2-Fluorobiphenyl
Concen: 73.54 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095781.D
Acq: 8 Jun 2017 13:56

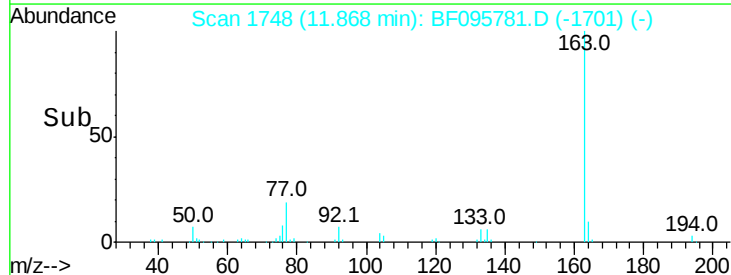
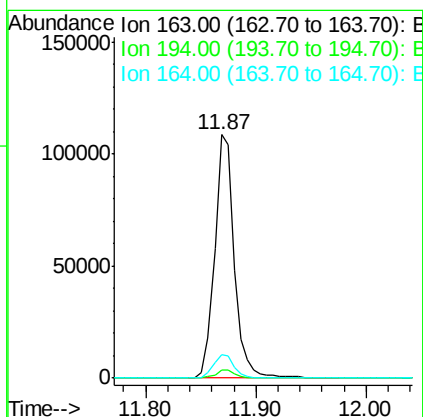
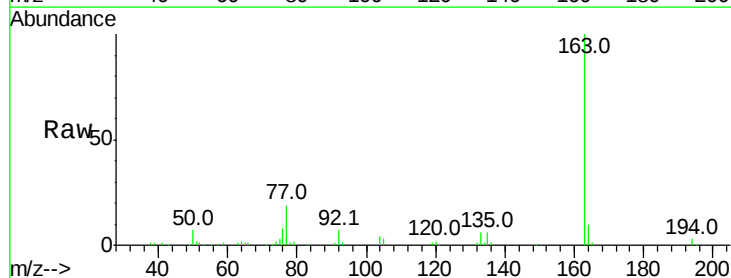
Instrument :
BNA_F
ClientSampleId :

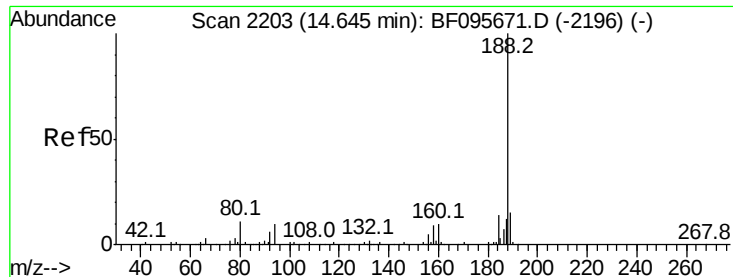
Tot Ion:172 Resp: 682923
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.1 19.8 29.8



#49
Dimethylphthalate
Concen: 13.56 ng
RT: 11.87 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BF095781.D
Acq: 8 Jun 2017 13:56

Tgt Ion:163 Resp: 133044
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.5 8.4 12.6

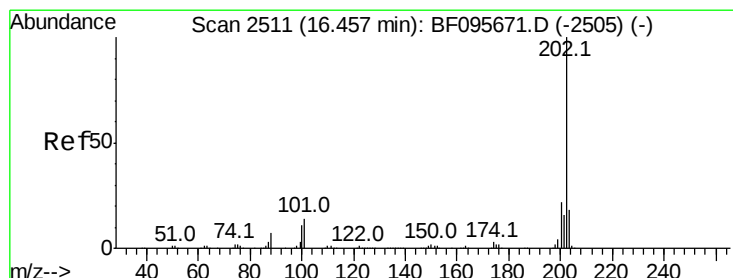
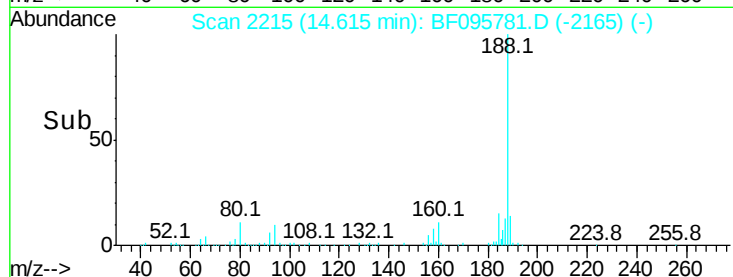
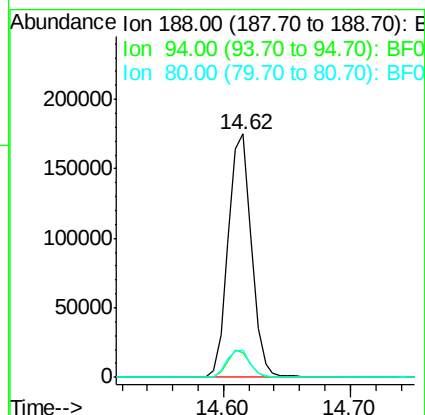
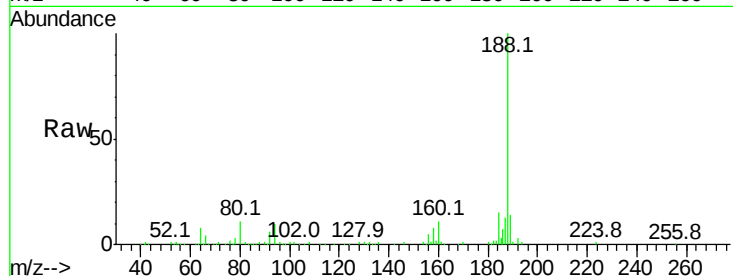




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF095781.D
Acq: 8 Jun 2017 13:56

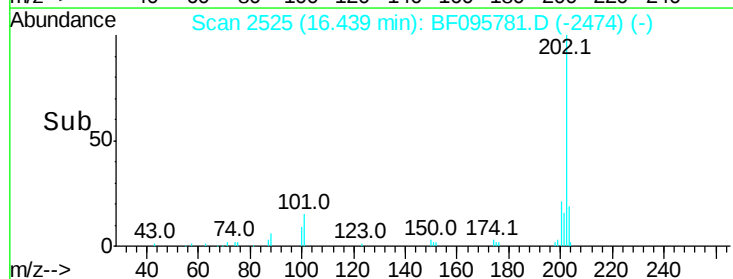
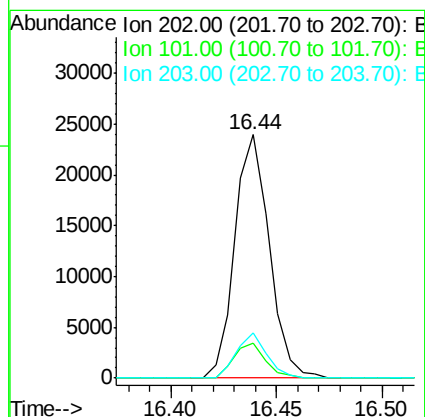
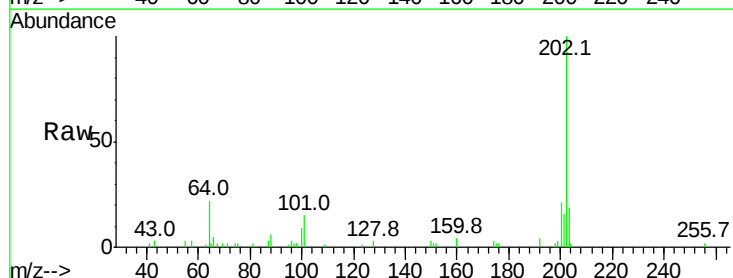
Instrument :
BNA_F
ClientSampleId :

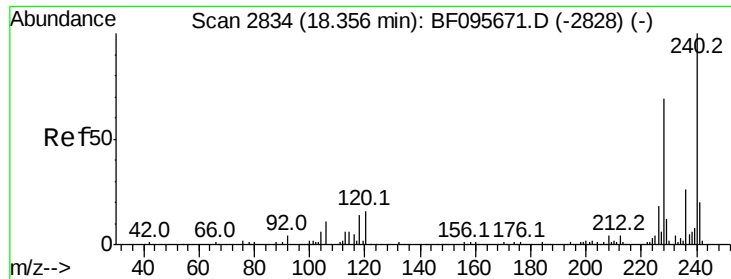
Tot Ion:188 Resp: 221462
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.4 10.2 15.2



#74
Fluoranthene
Concen: 2.13 ng
RT: 16.44 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF095781.D
Acq: 8 Jun 2017 13:56

Tgt Ion:202 Resp: 26952
Ion Ratio Lower Upper
202 100
101 14.6 0.0 33.2
203 18.8 0.0 38.1

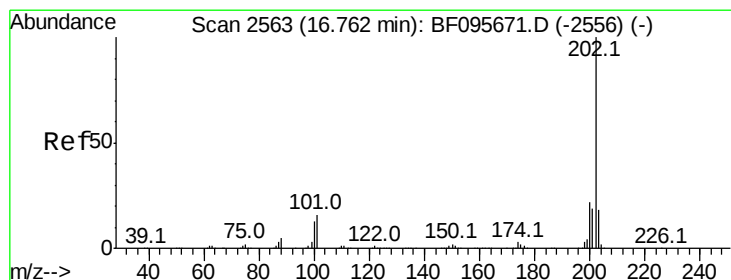
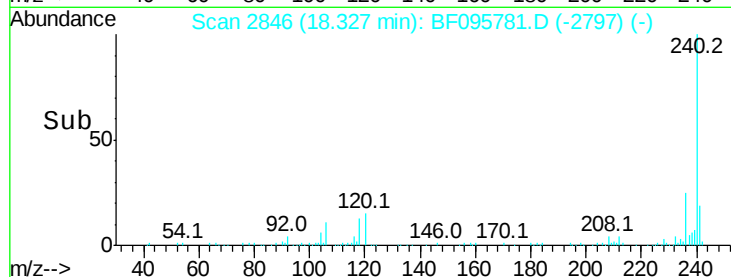
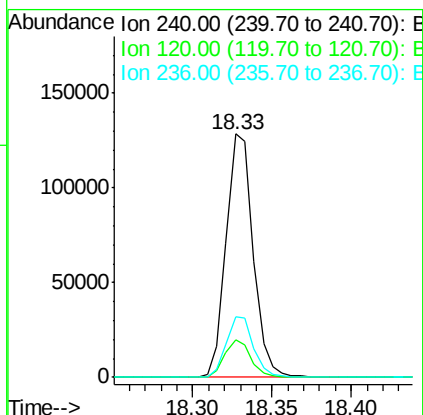
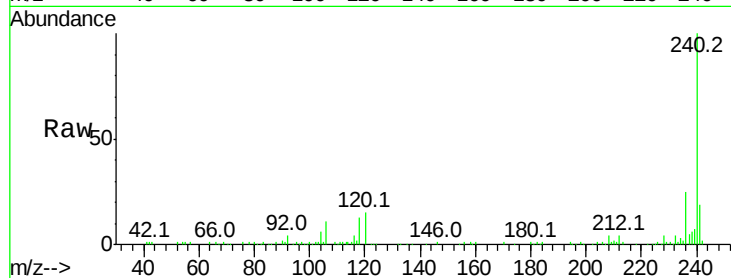




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095781.D
 Acq: 8 Jun 2017 13:56

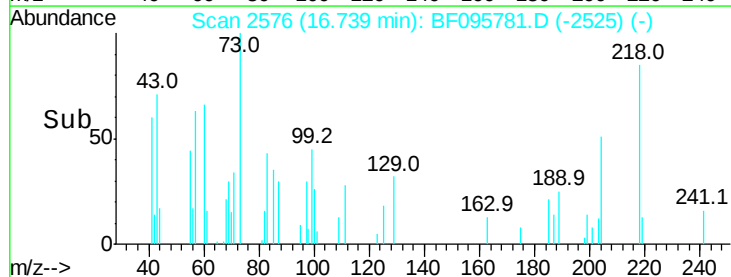
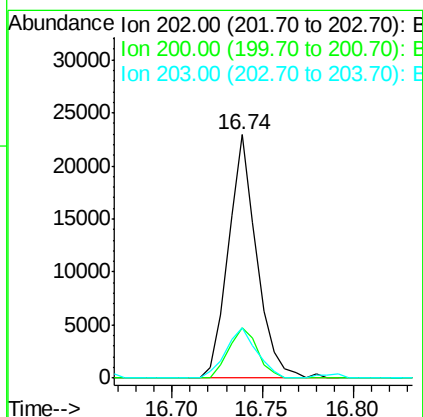
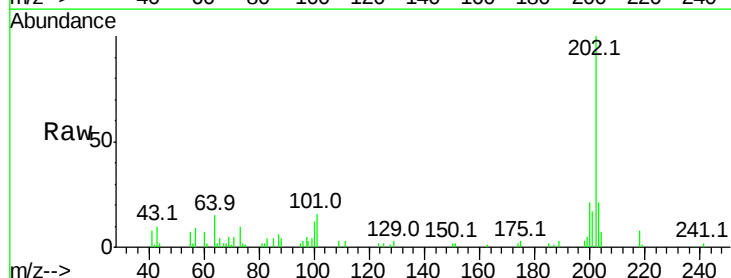
Instrument :
 BNA_F
 ClientSampleId :

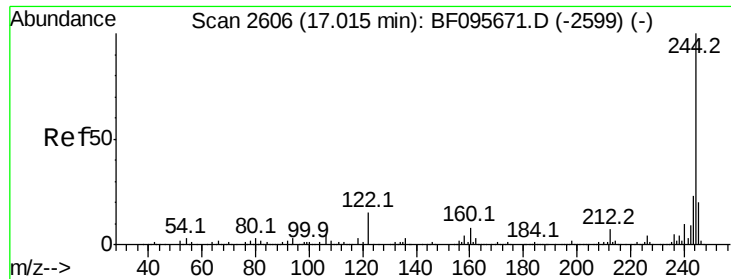
Tot Ion:240 Resp: 151983
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 24.9 20.5 30.7



#77
 Pyrene
 Concen: 2.19 ng
 RT: 16.74 min Scan# 2576
 Delta R.T. 0.00 min
 Lab File: BF095781.D
 Acq: 8 Jun 2017 13:56

Tgt Ion:202 Resp: 24861
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.6 26.4
 203 20.8 14.4 21.6

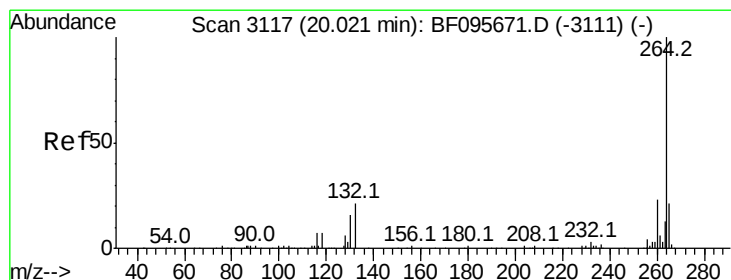
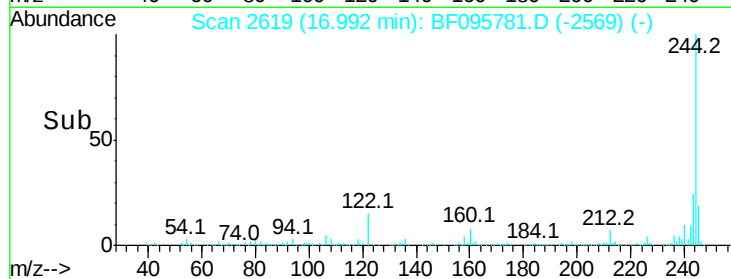
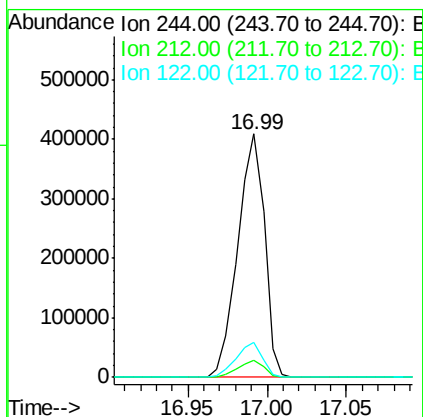
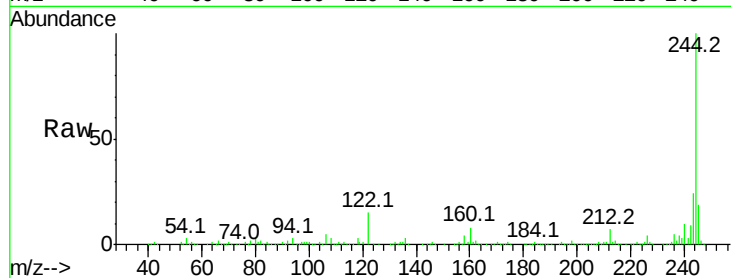




#78
 Terphenyl-d14
 Concen: 77.70 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095781.D
 Acq: 8 Jun 2017 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 475866
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BF095781.D
 Acq: 8 Jun 2017 13:56

Tgt Ion:264 Resp: 133604
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.3 17.2 25.8

