

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095922.D
 Acq On : 14 Jun 2017 9:08
 Operator : SJ/MA
 Sample : I3635-04DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 12:00:53 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

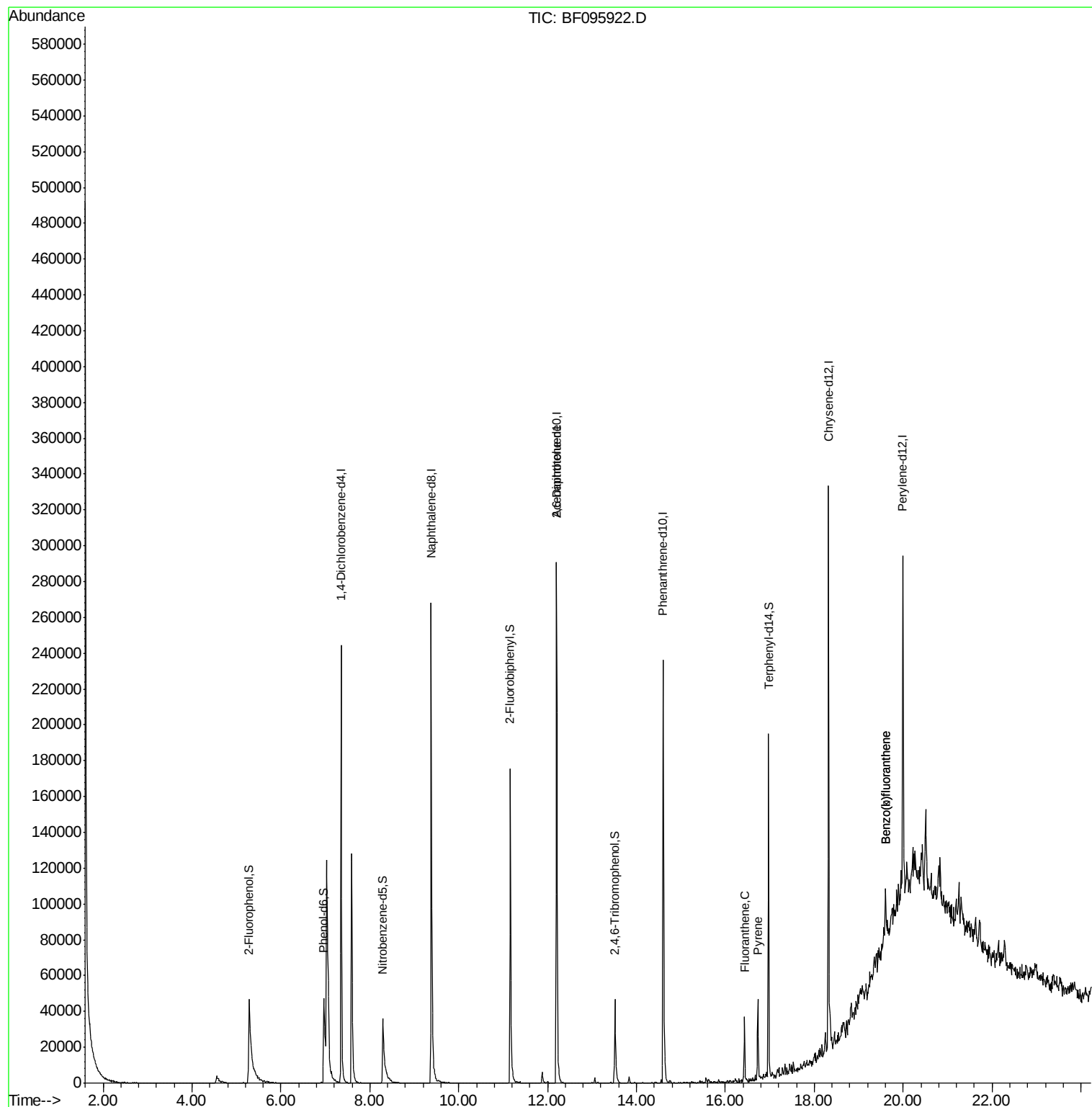
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	63331	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	233583	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	90121	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	146793	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	124910	20.00	ng	-0.04
86) Perylene-d12	20.00	264	86276	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	61349	15.44	ng	0.00
7) Phenol-d6	6.96	99	89097	18.73	ng	0.00
23) Nitrobenzene-d5	8.29	82	46748	12.43	ng	-0.03
41) 2,4,6-Tribromophenol	13.52	330	13256	16.62	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	104506	16.14	ng	-0.05
78) Terphenyl-d14	16.97	244	76073	15.11	ng	-0.05
Target Compounds						
50) 2,6-Dinitrotoluene	12.20	165	10644	7.13	ng	# 31
74) Fluoranthene	16.43	202	21242	2.53	ng	98
77) Pyrene	16.73	202	23213	2.49	ng	# 95
87) Benzo(b)fluoranthene	19.60	252	15227	2.82	ng	# 86
88) Benzo(k)fluoranthene	19.60	252	15227	2.95	ng	# 91

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095922.D
Acq On : 14 Jun 2017 9:08
Operator : SJ/MA
Sample : I3635-04DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 12:00:53 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



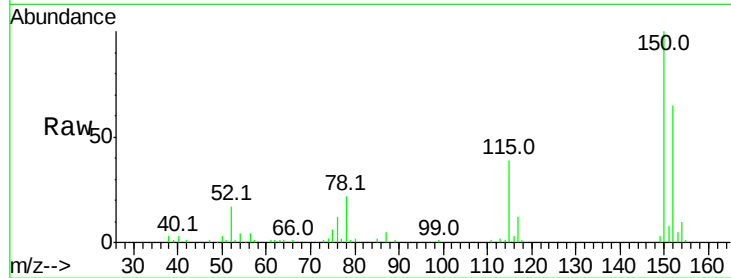


#1

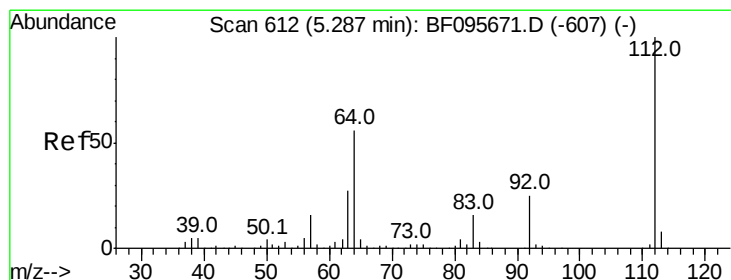
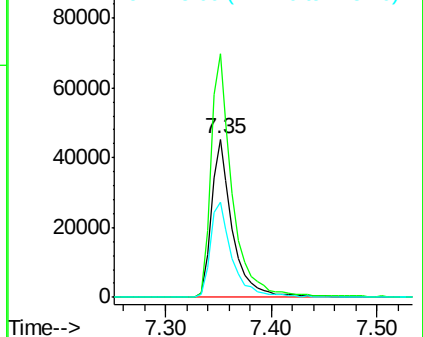
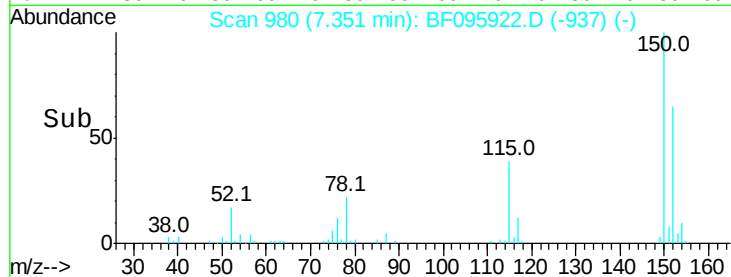
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 63331
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 59.9 52.2 78.2



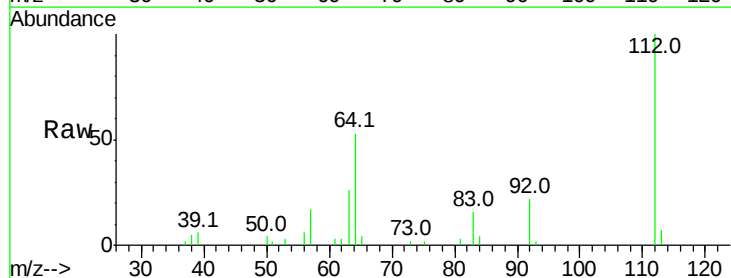
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



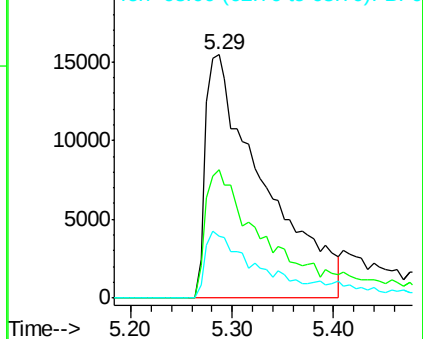
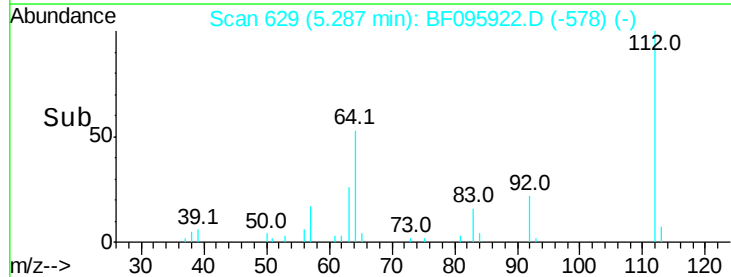
#5

2-Fluorophenol
Concen: 15.44 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

Tgt Ion:112 Resp: 61349
Ion Ratio Lower Upper
112 100
64 52.7 46.0 69.0
63 25.7 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: 18.73 ng

RT: 6.96 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

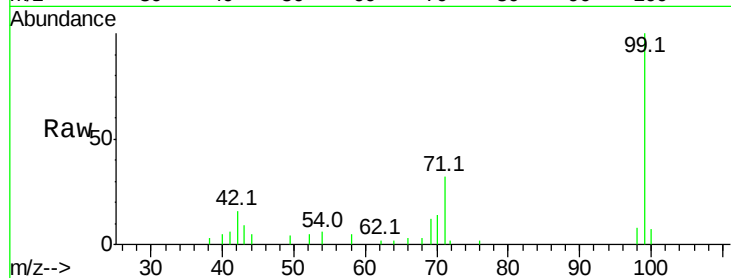
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 89097

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.8	24.5	36.7

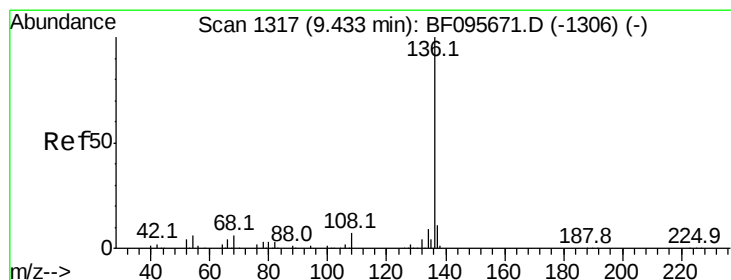
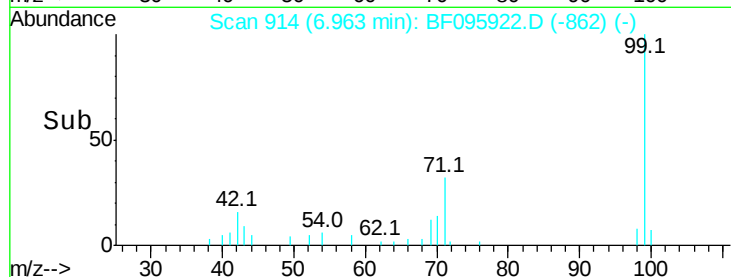
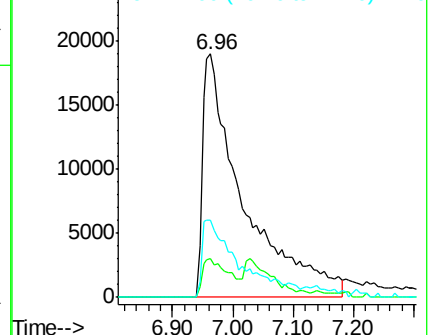


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

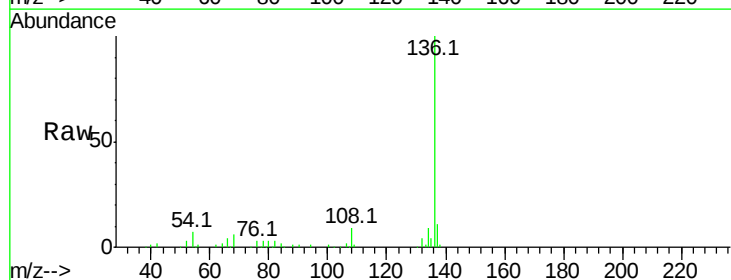
Delta R.T. -0.05 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Tgt Ion: 136 Resp: 233583

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.8	4.1	6.1



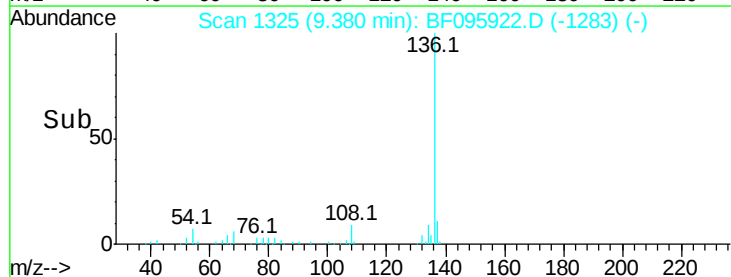
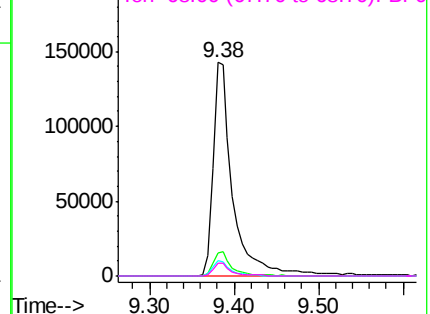
Abundance

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

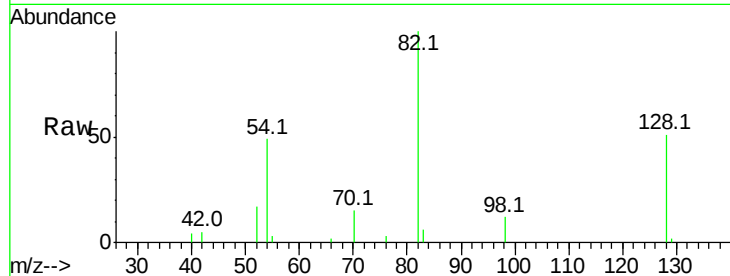




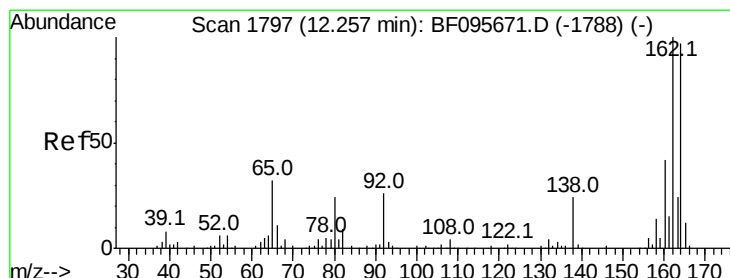
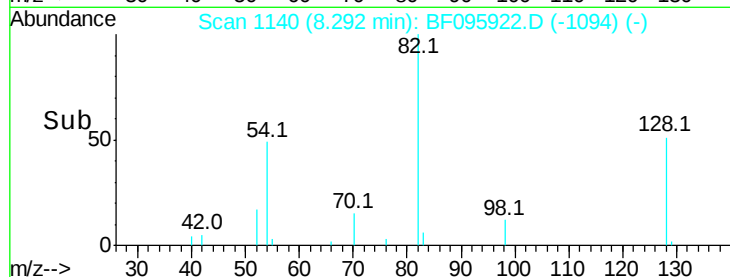
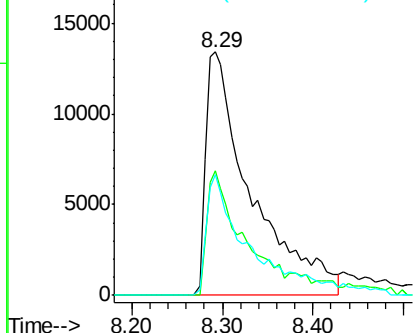
#23
Nitrobenzene-d5
Concen: 12.43 ng
RT: 8.29 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 46748
Ion Ratio Lower Upper
82 100
128 51.0 34.0 51.0#
54 49.4 42.2 63.2

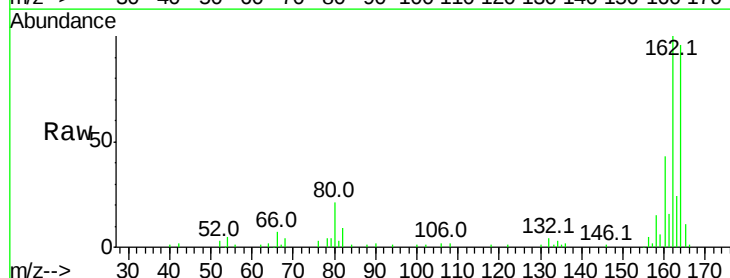


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

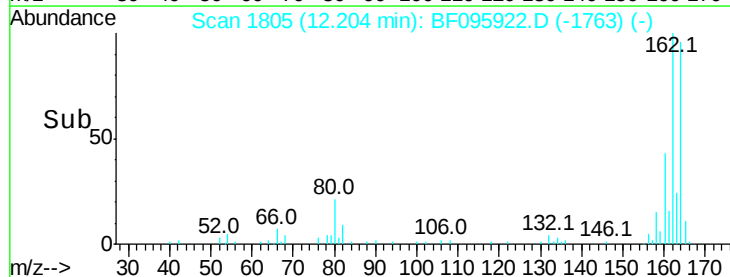
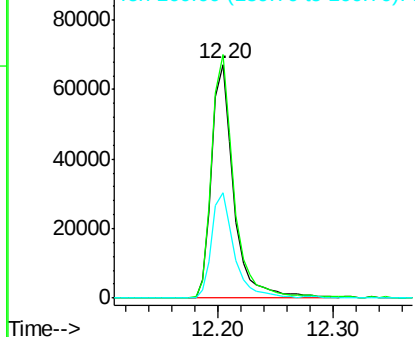


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

Tgt Ion:164 Resp: 90121
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 44.9 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

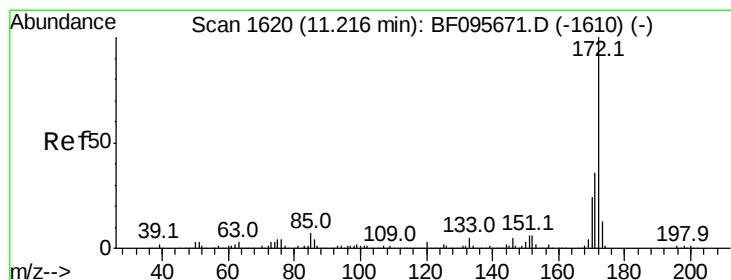
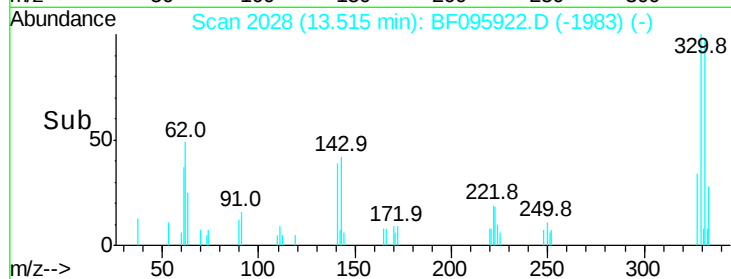
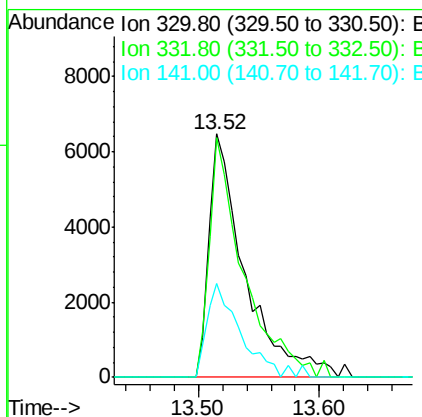
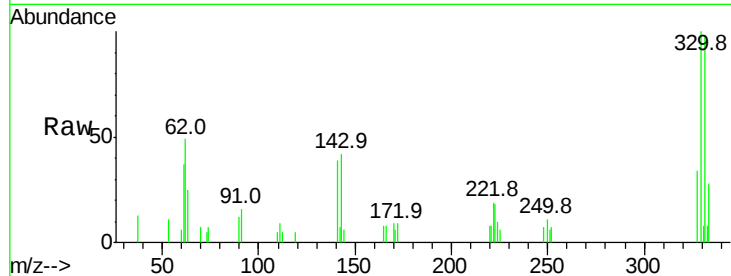




#41
 2,4,6-Tribromophenol
 Concen: 16.62 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

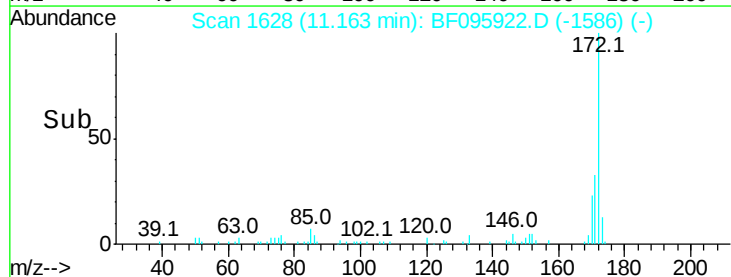
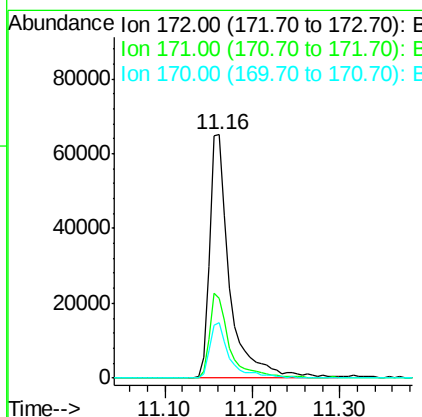
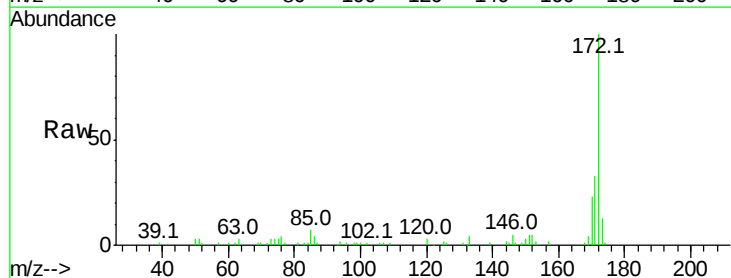
Instrument :
 BNA_F
 ClientSampleId :

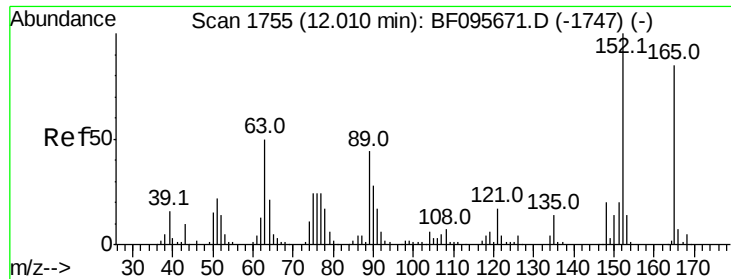
Tot Ion:330 Resp: 13256
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.6 115.0
 141 35.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 16.14 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

Tgt Ion:172 Resp: 104506
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.6 44.4
 170 22.8 19.8 29.8

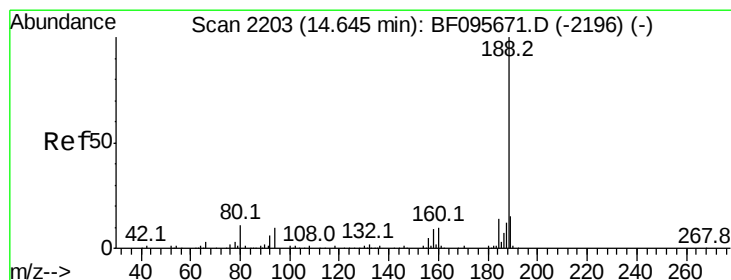
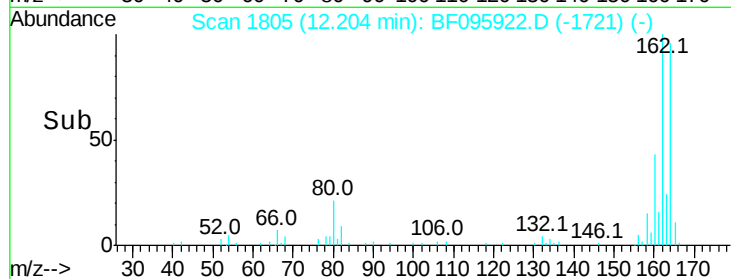
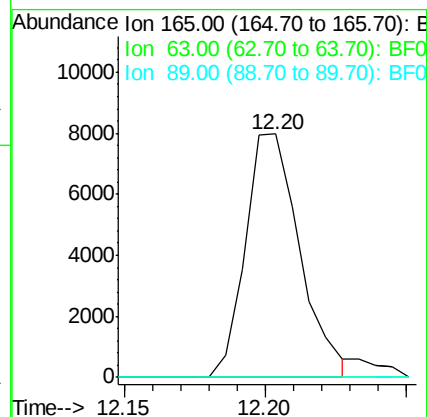
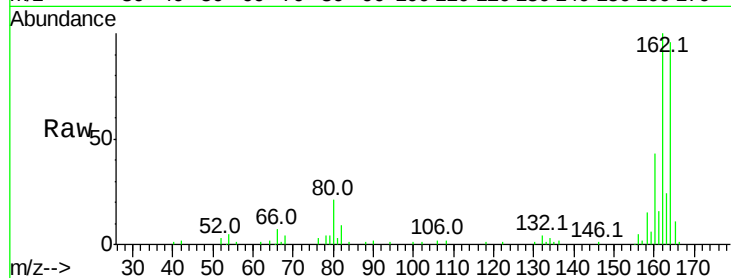




#50
 2,6-Dinitrotoluene
 Concen: 7.13 ng
 RT: 12.20 min Scan# 1805
 Delta R.T. 0.19 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

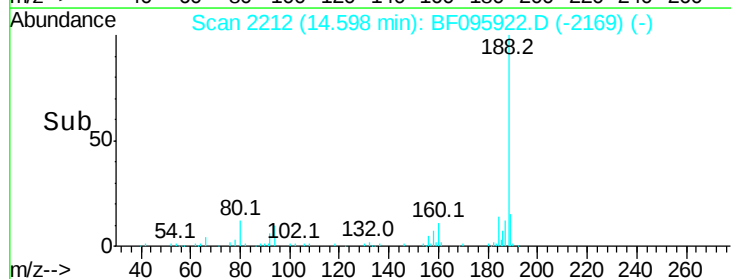
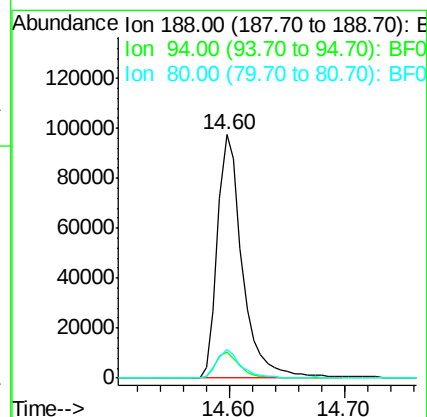
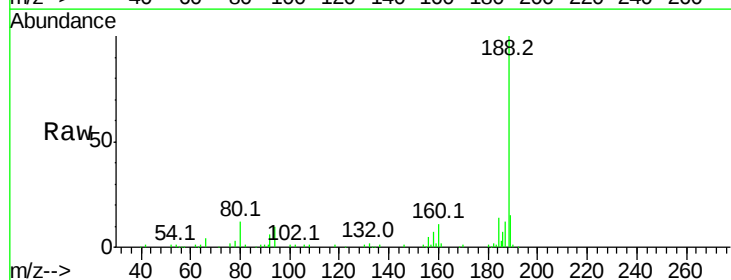
Instrument :
 BNA_F
 ClientSampled :

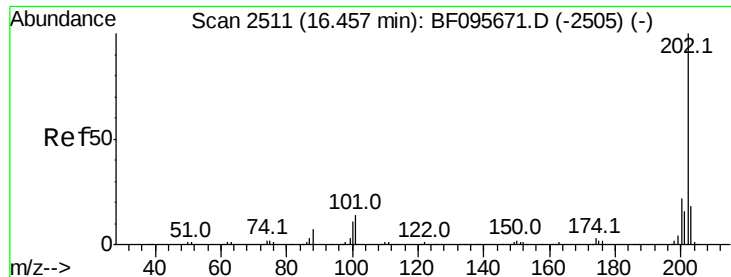
Tot Ion:165 Resp: 10644
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 2212
 Delta R.T. -0.05 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

Tgt Ion:188 Resp: 146793
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.8 10.2 15.2

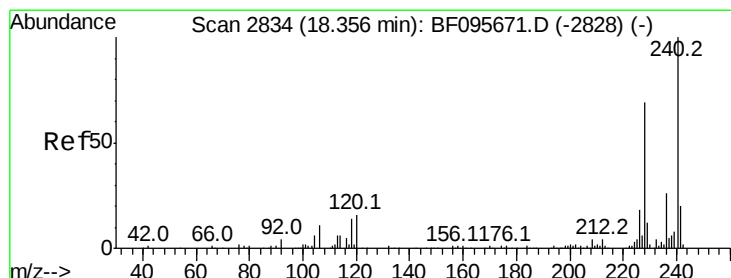
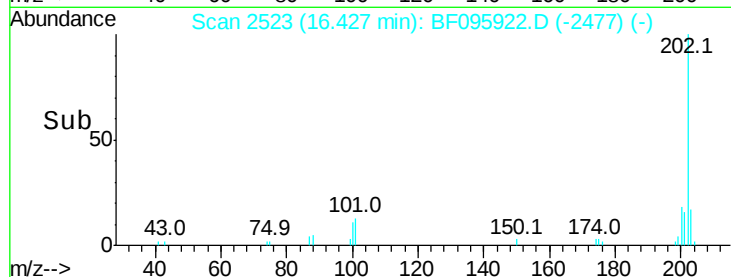
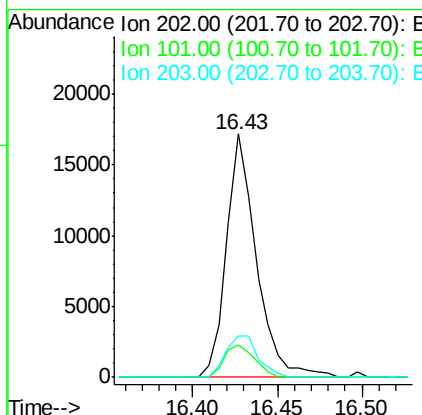
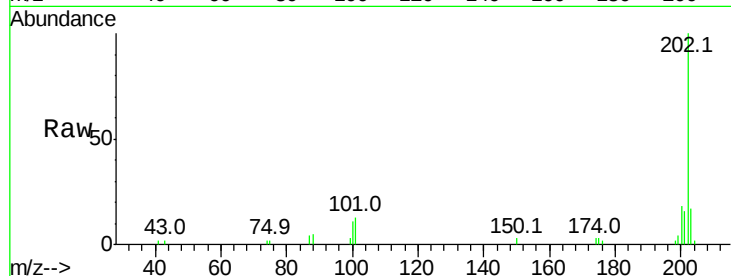




#74
 Fluoranthene
 Concen: 2.53 ng
 RT: 16.43 min Scan# 2523
 Delta R.T. -0.03 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

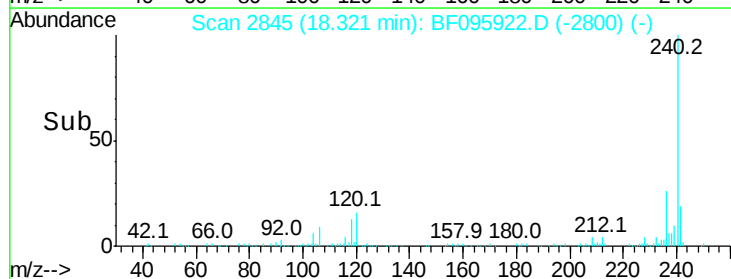
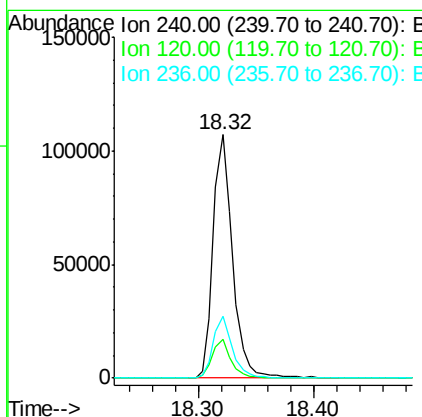
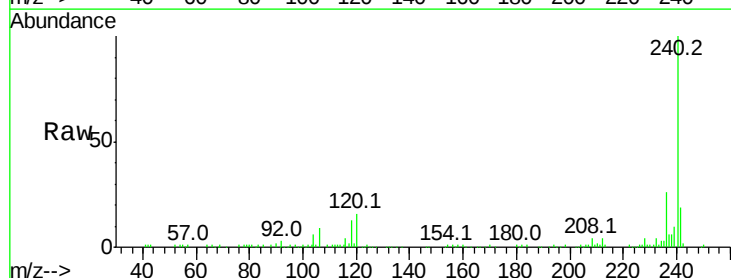
Instrument :
 BNA_F
 ClientSampleId :

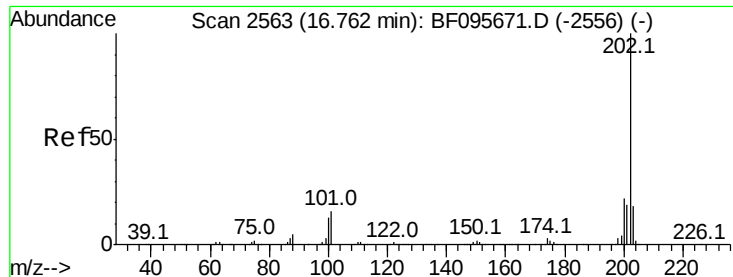
Tot Ion:202 Resp: 21242
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 33.2
 203 16.9 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.04 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

Tgt Ion:240 Resp: 124910
 Ion Ratio Lower Upper
 240 100
 120 16.0 5.8 8.8#
 236 25.6 20.5 30.7

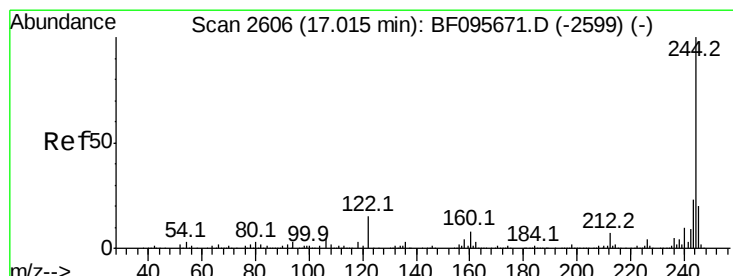
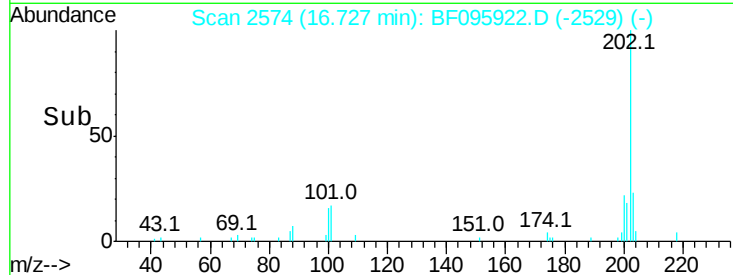
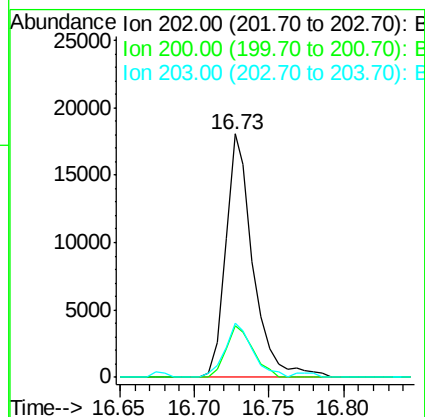
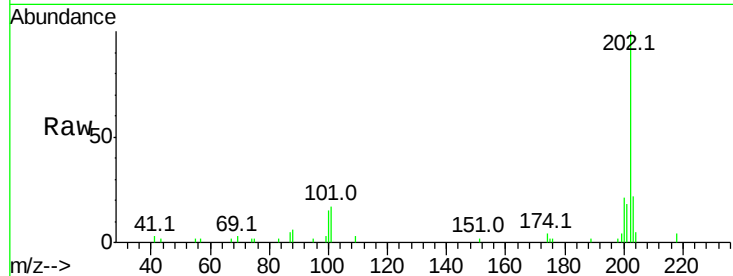




#77
 Pvrene
 Concen: 2.49 ng
 RT: 16.73 min Scan# 2574
 Delta R.T. -0.04 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

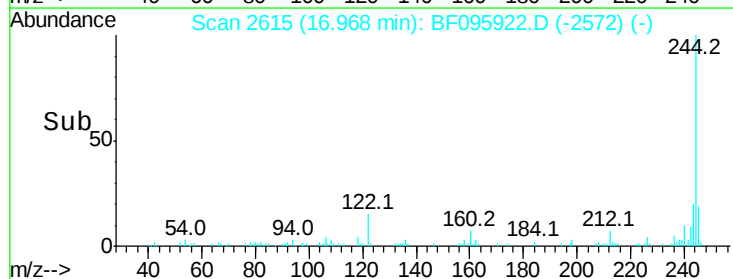
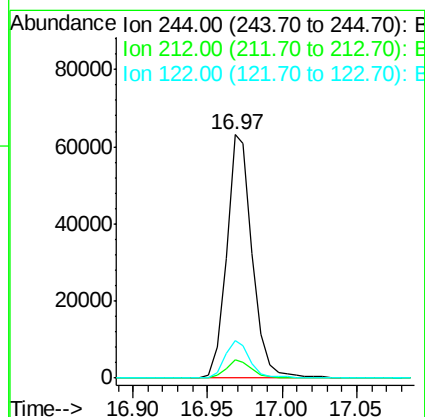
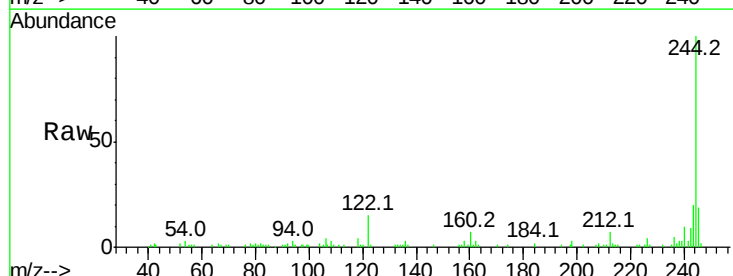
Instrument :
 BNA_F
 ClientSampleId :

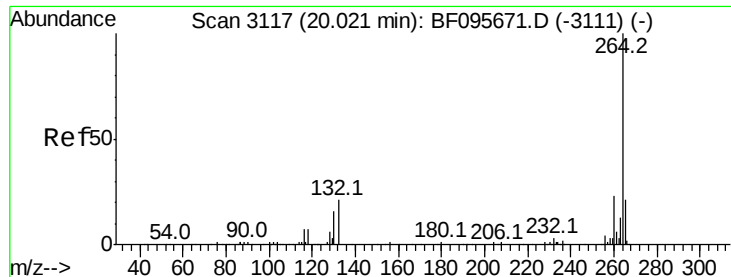
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	22.0	14.4	21.6#



#78
 Terphenyl-d14
 Concen: 15.11 ng
 RT: 16.97 min Scan# 2615
 Delta R.T. -0.05 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	15.5	10.3	15.5#

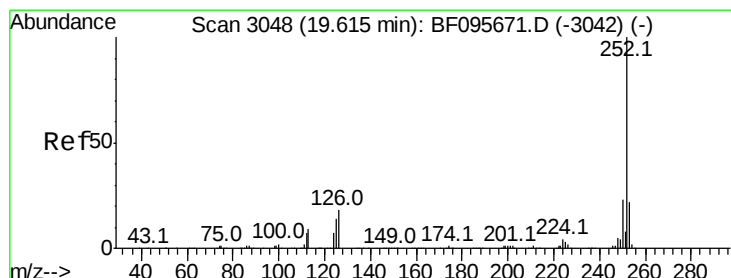
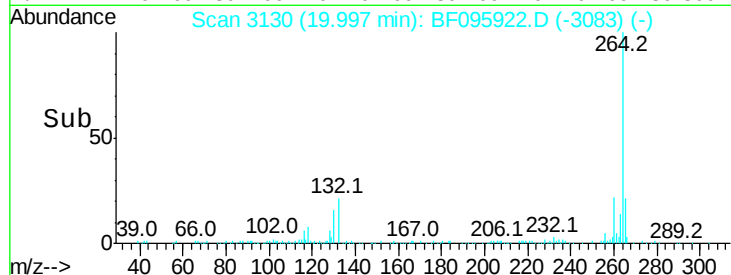
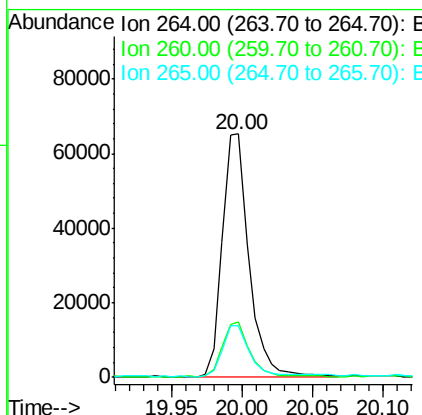
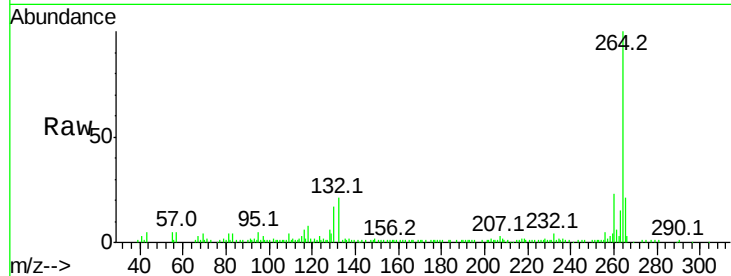




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

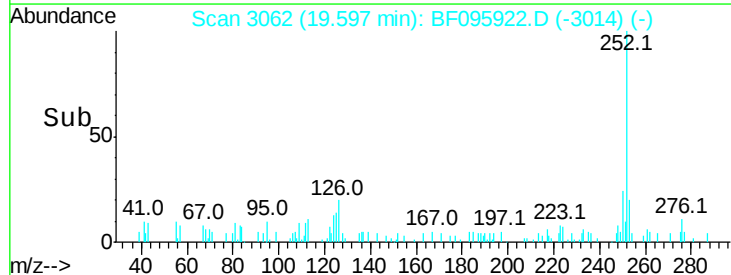
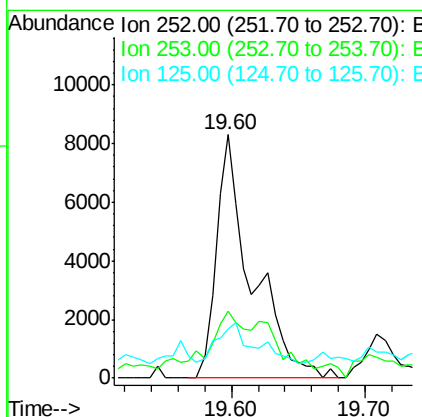
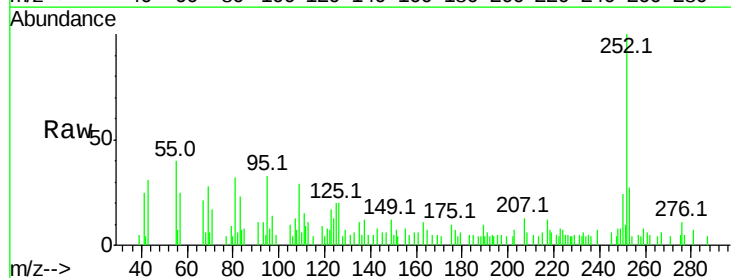
Instrument :
BNA_F
ClientSampleId :

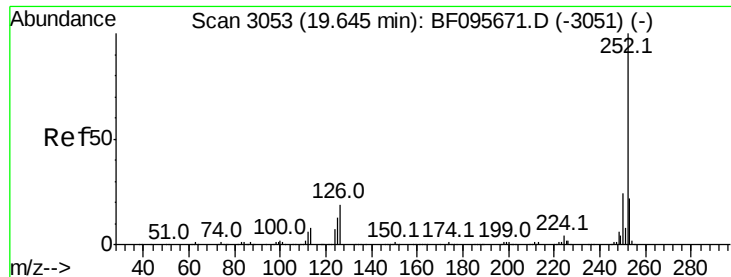
Tot Ion:264 Resp: 86276
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.82 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

Tgt Ion:252 Resp: 15227
Ion Ratio Lower Upper
252 100
253 27.3 18.1 27.1#
125 20.3 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.95 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.05 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Instrument :

BNA_F

ClientSampleId :

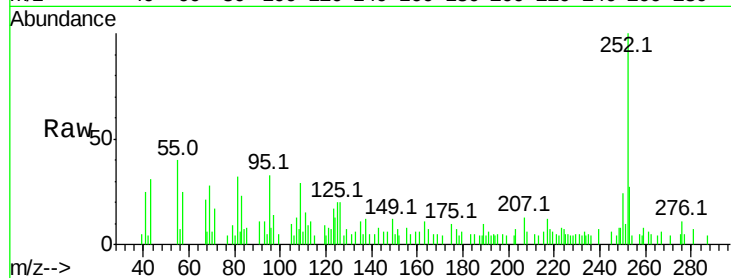
Tot Ion:252 Resp: 15227

Ion Ratio Lower Upper

252 100

253 27.3 18.4 27.6

125 20.3 13.1 19.7#



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

