

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100052.D
 Acq On : 1 Nov 2017 19:05
 Operator : SJ/JU
 Sample : I6233-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:38:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	84419	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	336521	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	144564	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	225751	20.00	ng	0.06
75) Chrysene-d12	13.84	240	109	20.00	ng	-0.14
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	83464	15.52	ng	0.02
7) Phenol-d6	6.43	99	108119	16.96	ng	0.00
23) Nitrobenzene-d5	7.35	82	56000	10.71	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	20080	15.24	ng	0.02
44) 2-Fluorobiphenyl	9.14	172	139914	14.93	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	

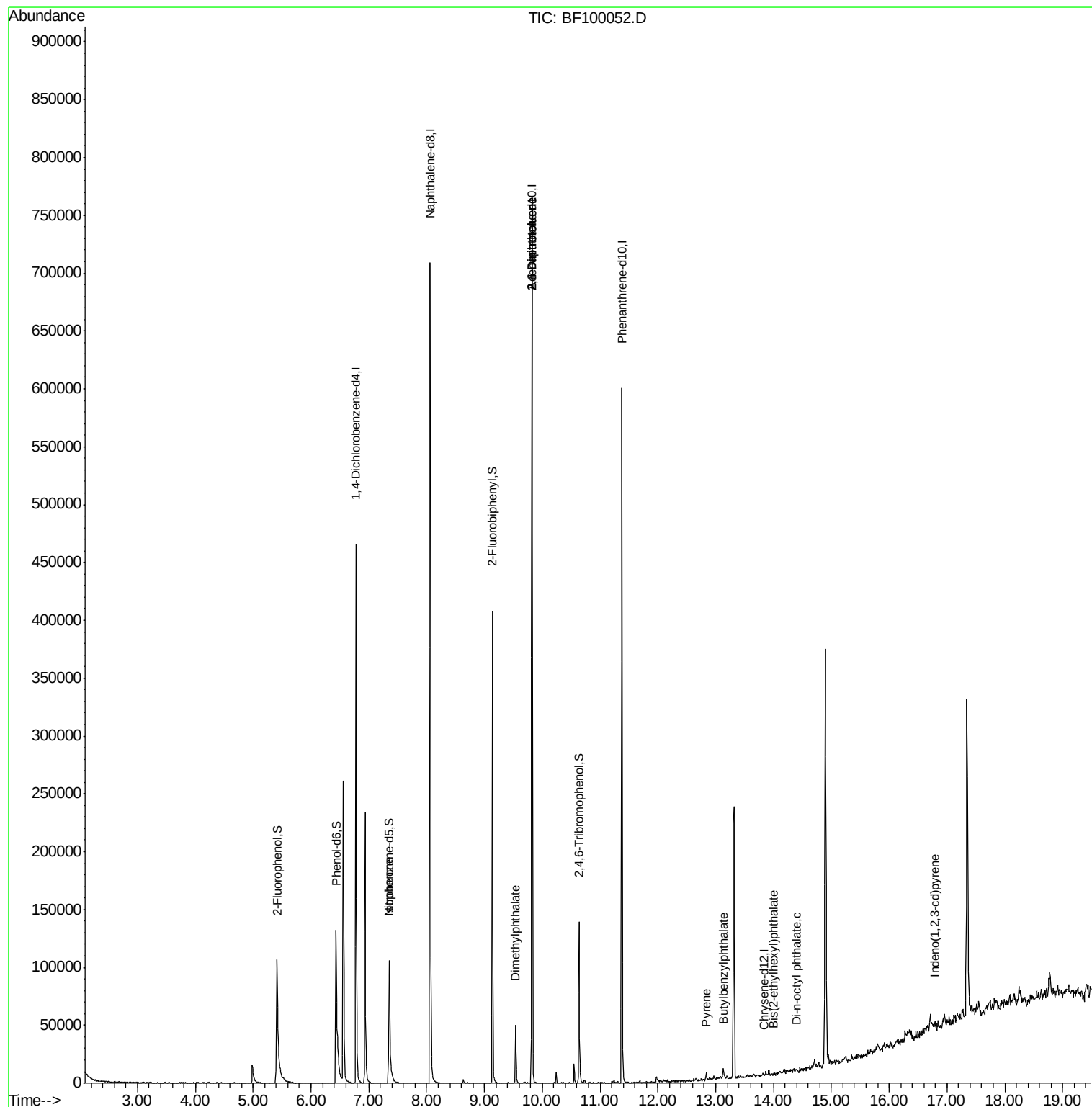
Target Compounds				Qvalue		
25) Isophorone	7.35	82	56000	5.904	ng	# 64
49) Dimethylphthalate	9.54	163	24353	2.127	ng	# 98
50) 2,6-Dinitrotoluene	9.82	165	18435	7.660	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	18435	6.361	ng	# 21
77) Pyrene	12.83	202	4695	566.462	ng	# 93
79) Butylbenzylphthalate	13.13	149	106	25.971	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.00	149	113	19.715	ng	# 53
84) Di-n-octyl phthalate	14.41	149	123	12.503	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.80	276	222	37.226	ng	# 46

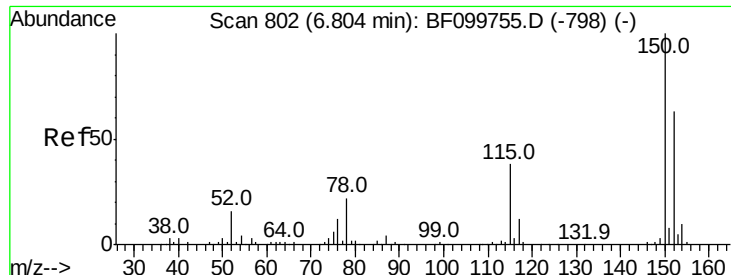
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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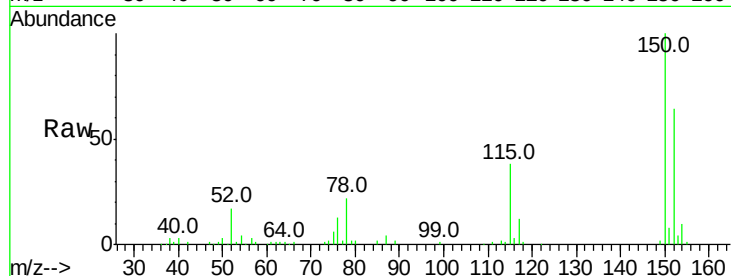


#1

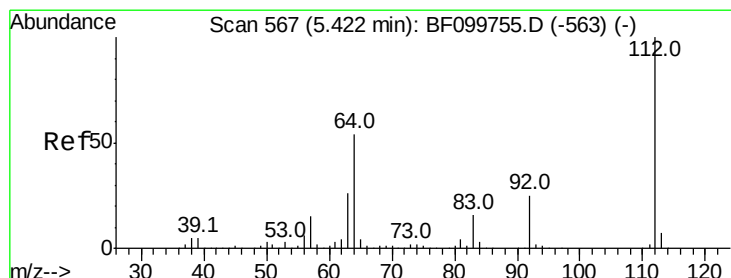
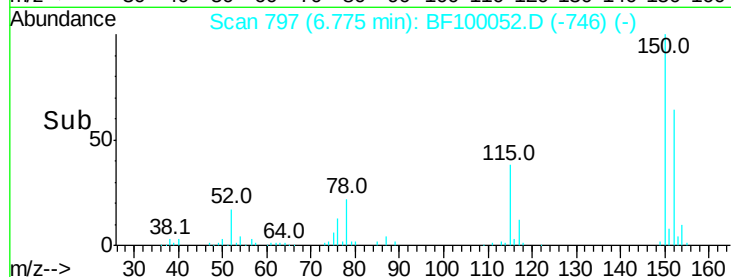
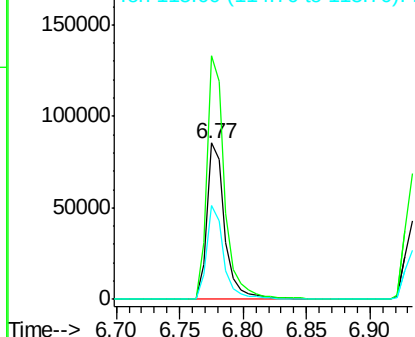
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84419
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.0 50.1 75.1



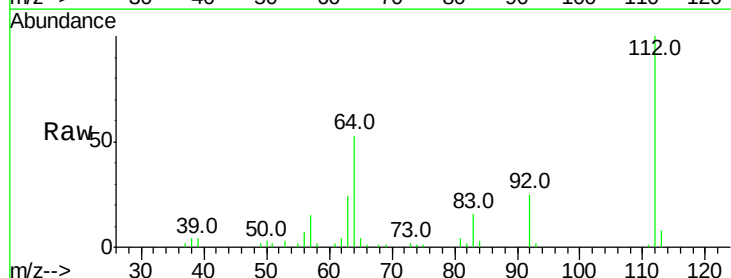
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



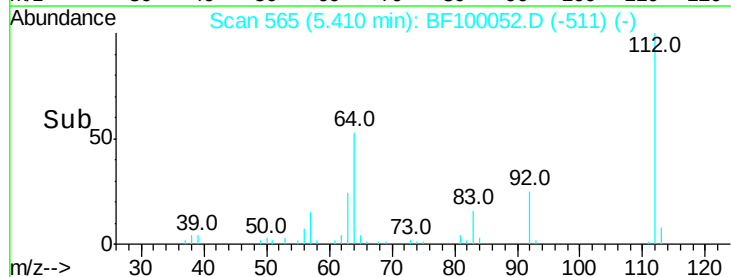
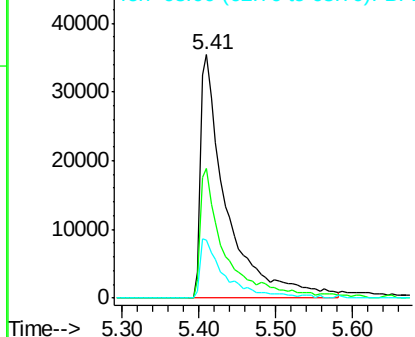
#5

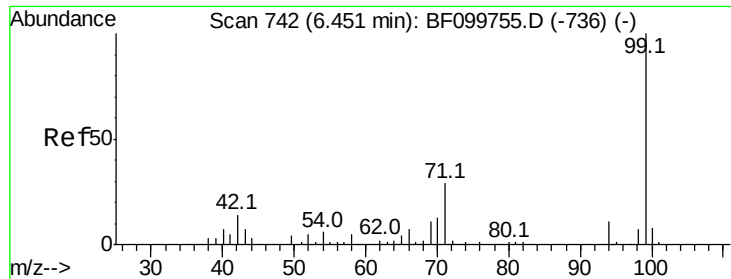
2-Fluorophenol
Concen: 15.522 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Tgt Ion:112 Resp: 83464
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 23.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 16.958 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Instrument :

BNA_F

ClientSampleId :

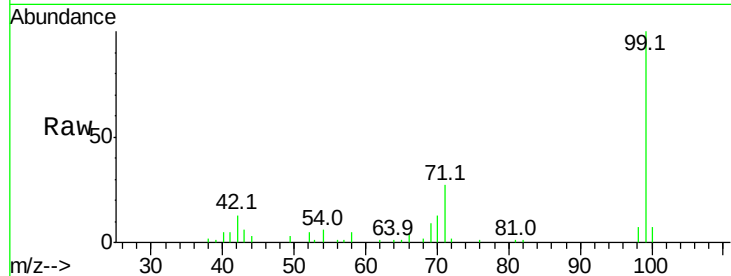
Tot Ion: 99 Resp: 108119

Ion Ratio Lower Upper

99 100

42 12.8 14.5 21.7#

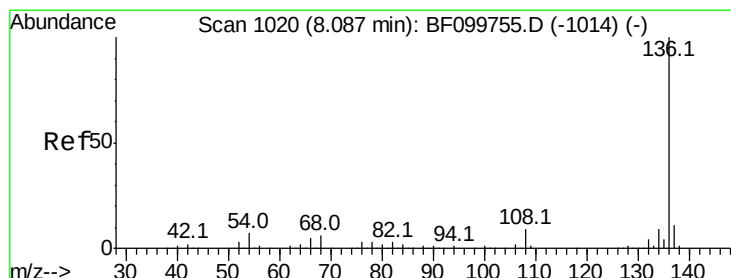
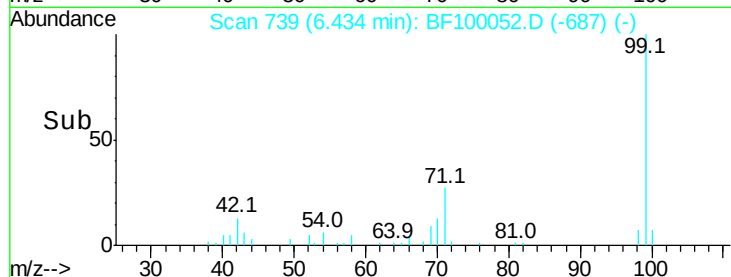
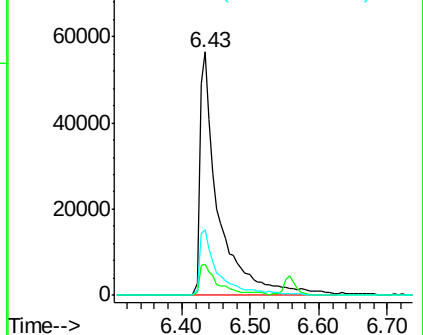
71 27.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Tgt Ion: 136 Resp: 336521

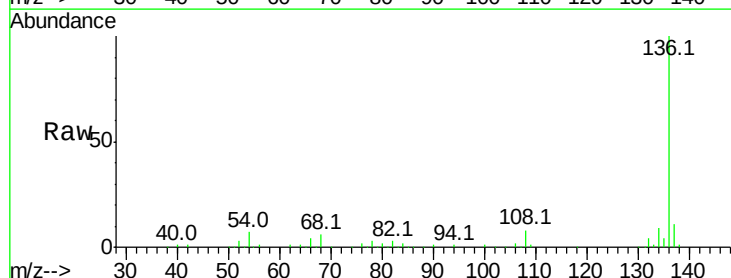
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 5.6 5.0 7.4

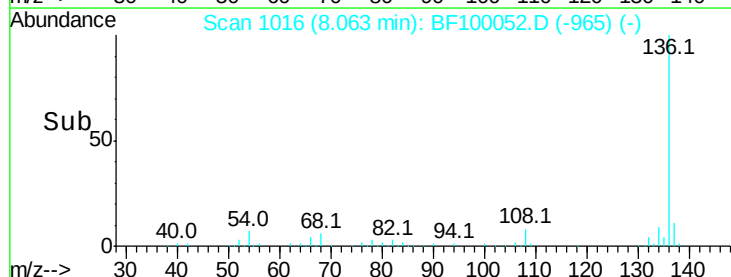
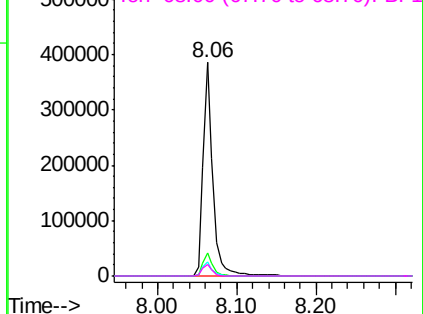


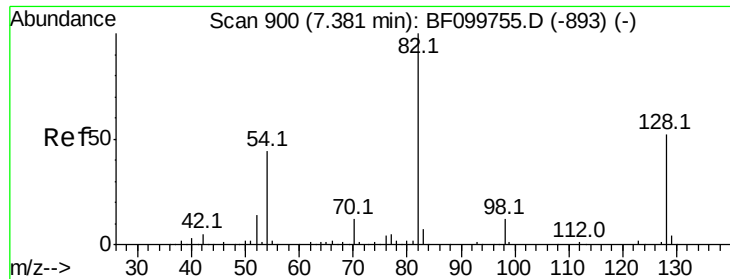
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

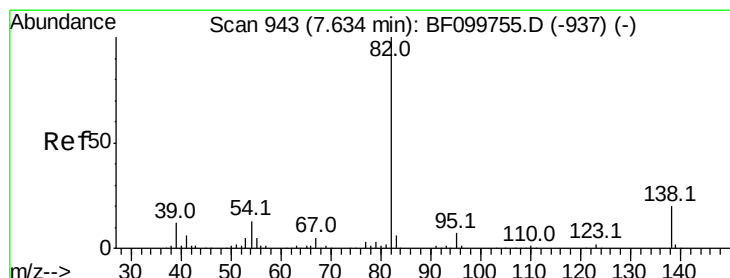
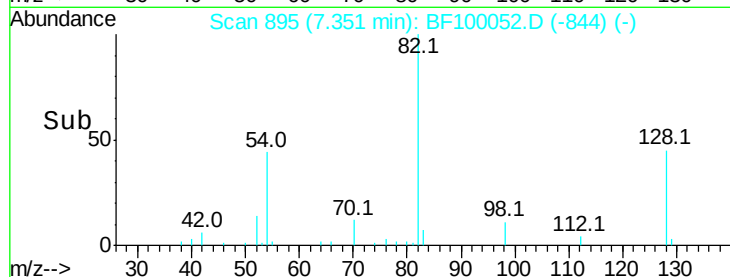
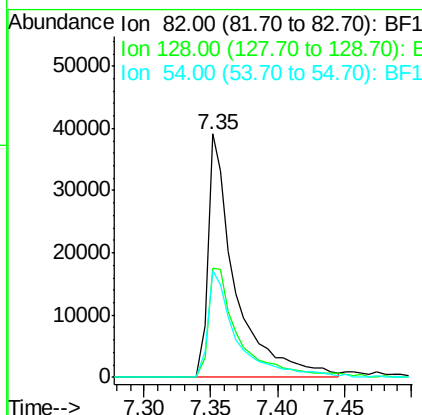
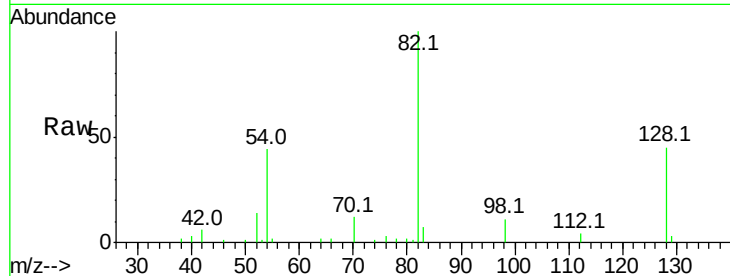




#23
 Nitrobenzene-d5
 Concen: 10.713 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

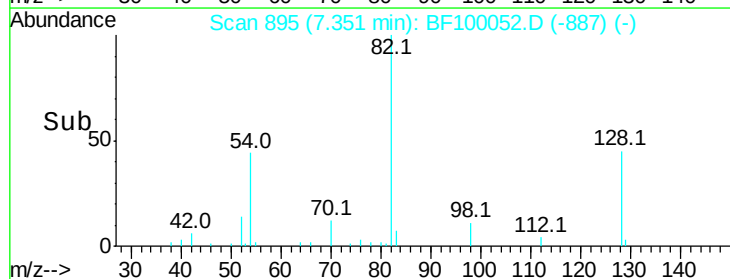
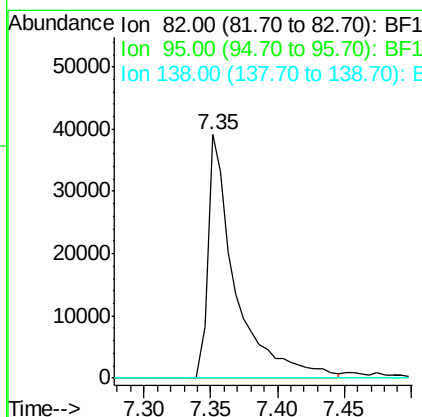
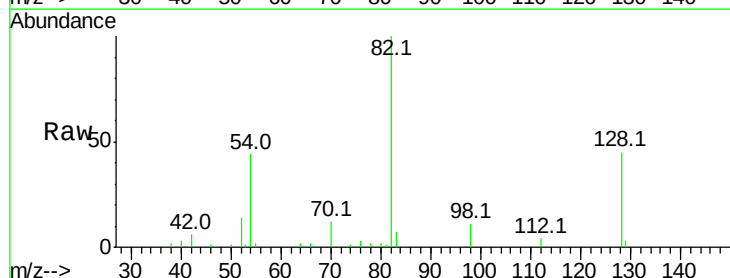
Instrument :
 BNA_F
 ClientSampled :

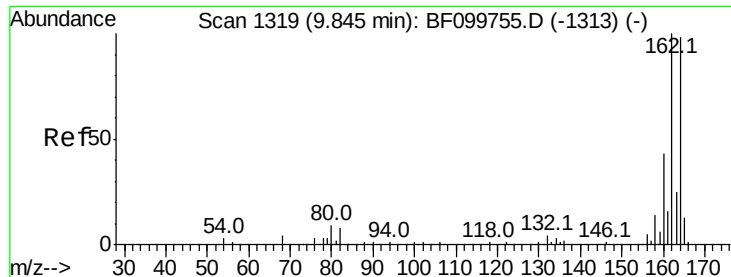
Tot Ion	82	Resp	56000
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	44.0	41.4	62.2



#25
 Isophorone
 Concen: 5.904 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.25 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Tgt Ion	82	Resp	56000
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

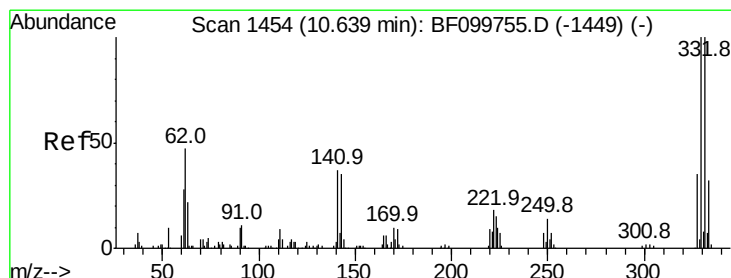
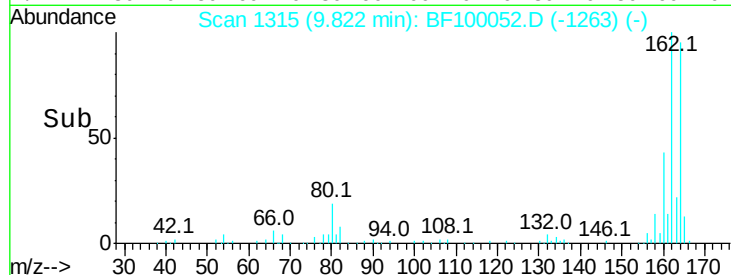
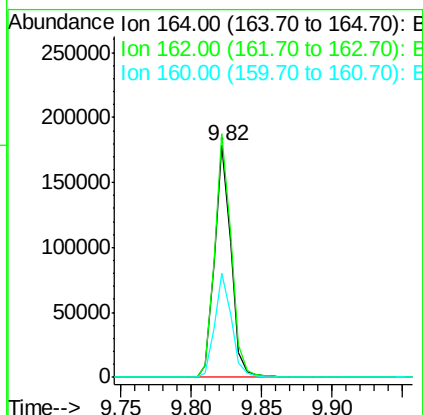
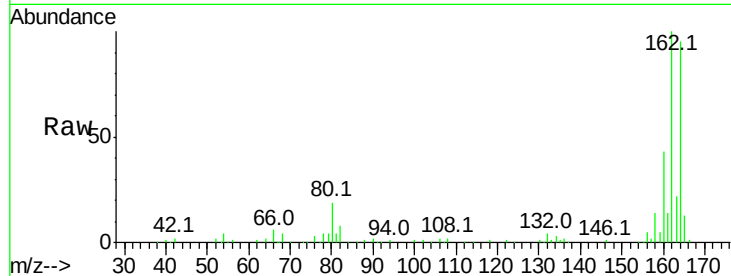




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

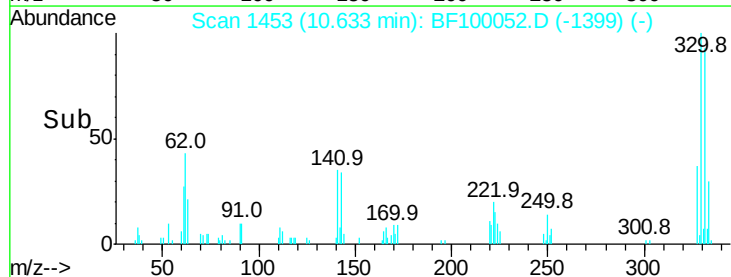
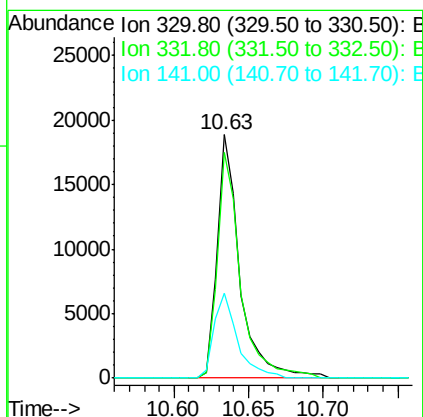
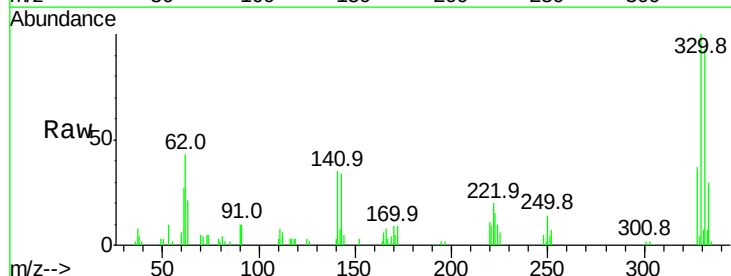
Instrument :
BNA_F
ClientSampleId :

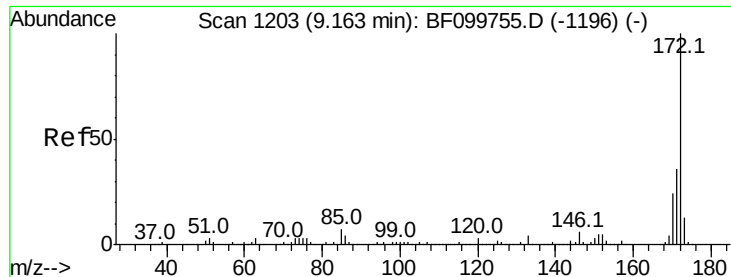
Tot Ion:164 Resp: 144564
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 15.242 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.02 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Tgt Ion:330 Resp: 20080
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 36.0 29.9 44.9

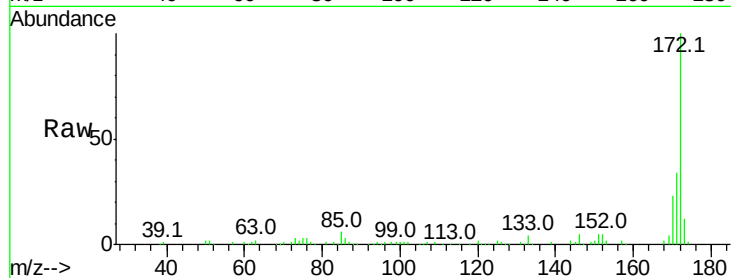




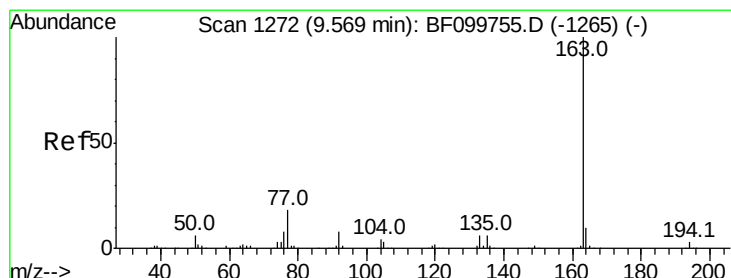
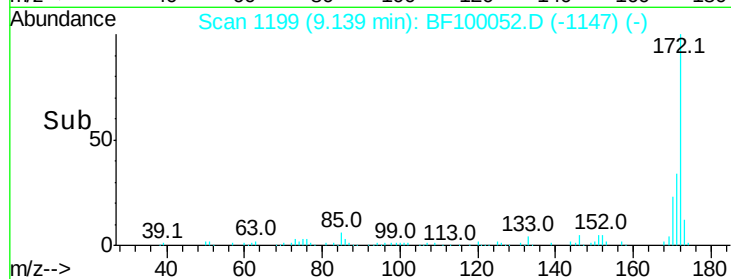
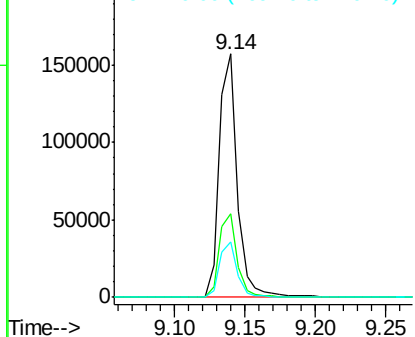
#44
2-Fluorobiphenyl
Concen: 14.932 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 139914
Ion Ratio Lower Upper
172 100
171 34.4 29.7 44.5
170 22.6 19.6 29.4

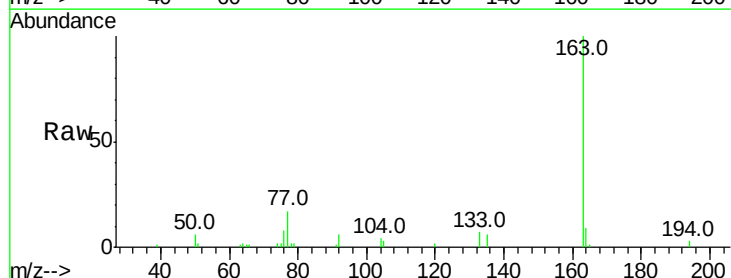


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

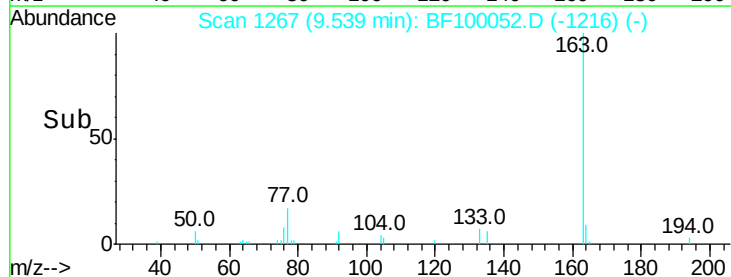
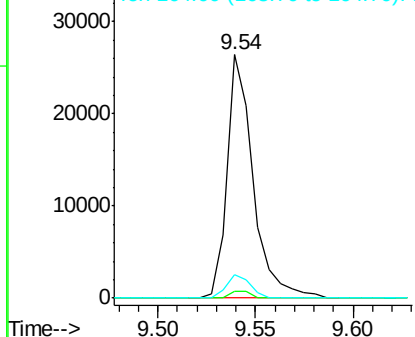


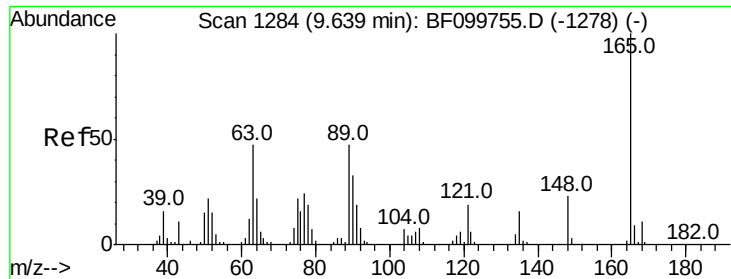
#49
Dimethylphthalate
Concen: 2.127 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Tgt Ion:163 Resp: 24353
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.4 8.2 12.2



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





#50

2,6-Dinitrotoluene

Concen: 7.660 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Instrument :

BNA_F

ClientSampleId :

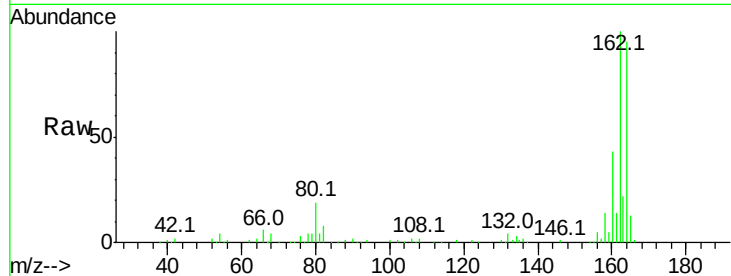
Tot Ion:165 Resp: 18435

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

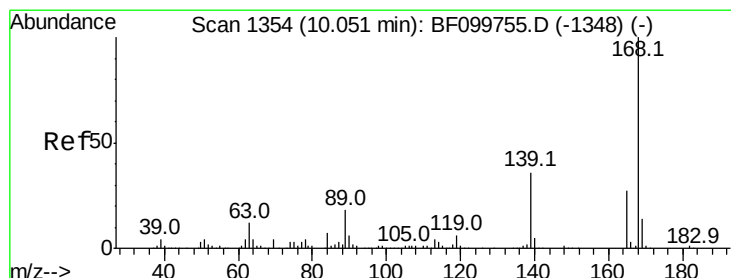
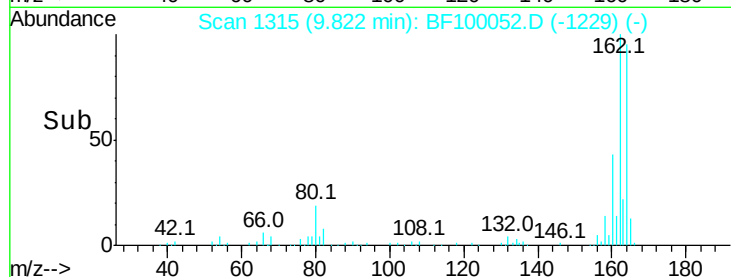
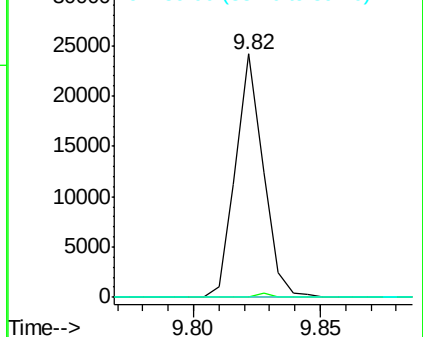
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.361 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.21 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Tgt Ion:165 Resp: 18435

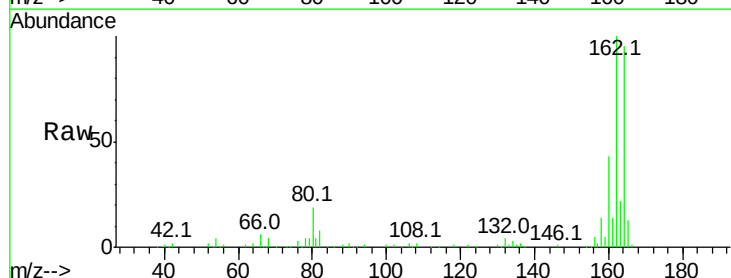
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

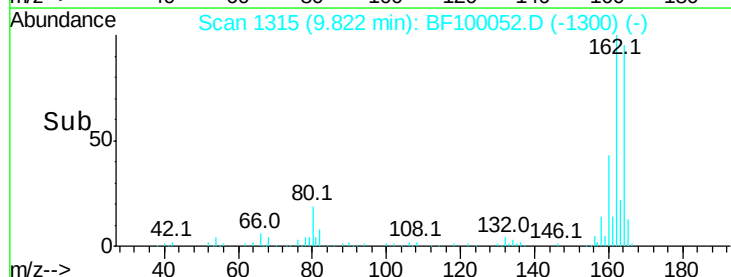
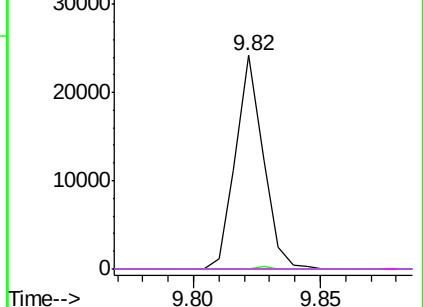


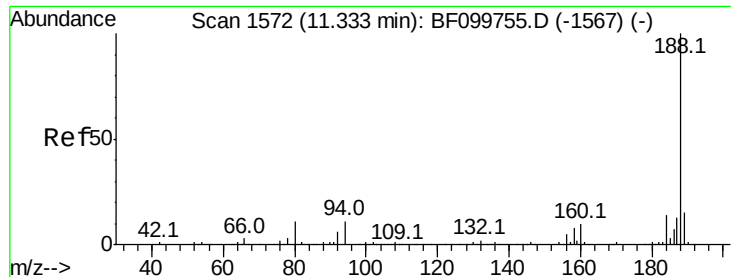
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

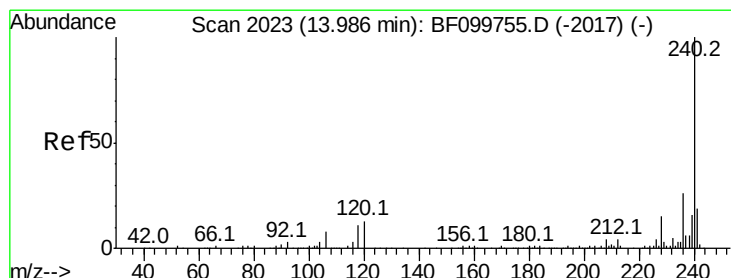
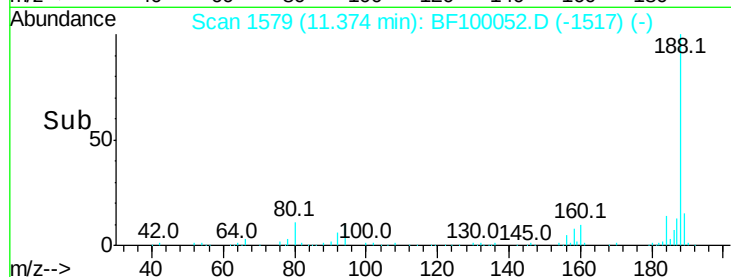
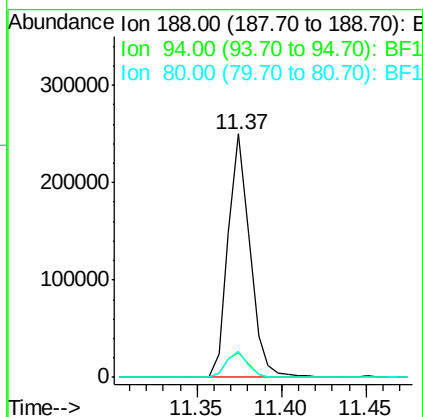
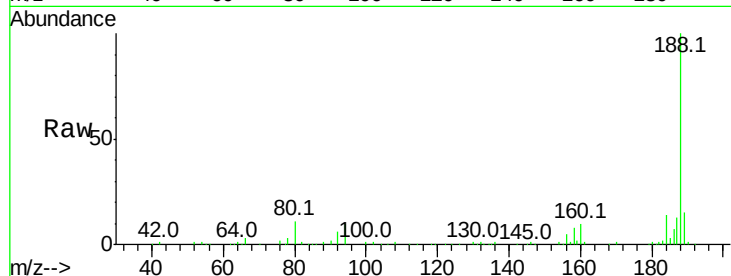




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.06 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

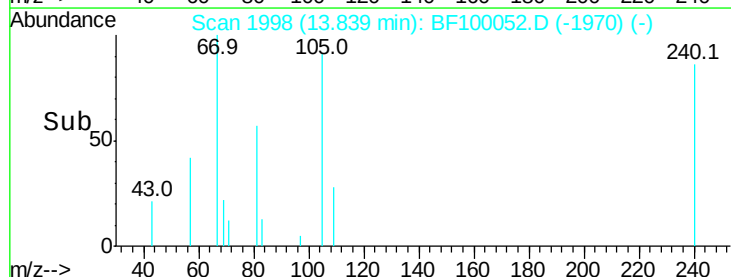
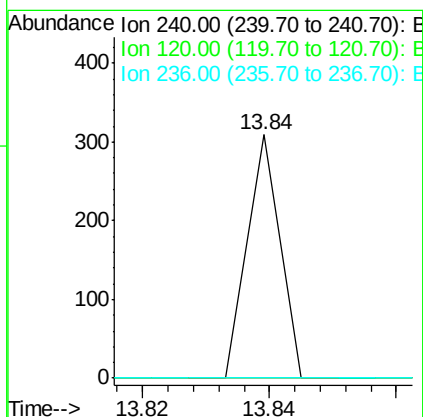
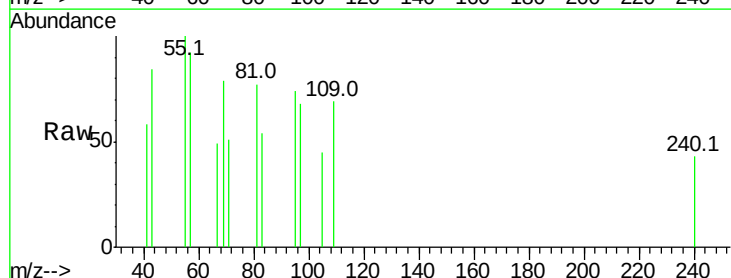
Instrument :
BNA_F
ClientSampleId :

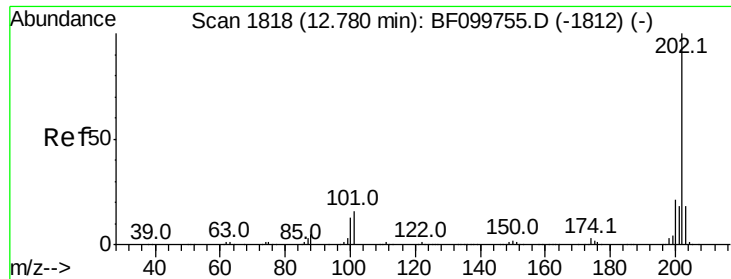
Tot Ion:188 Resp: 225751
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.14 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Tgt Ion:240 Resp: 109
Ion Ratio Lower Upper
240 100
120 0.0 9.5 14.3#
236 0.0 20.7 31.1#

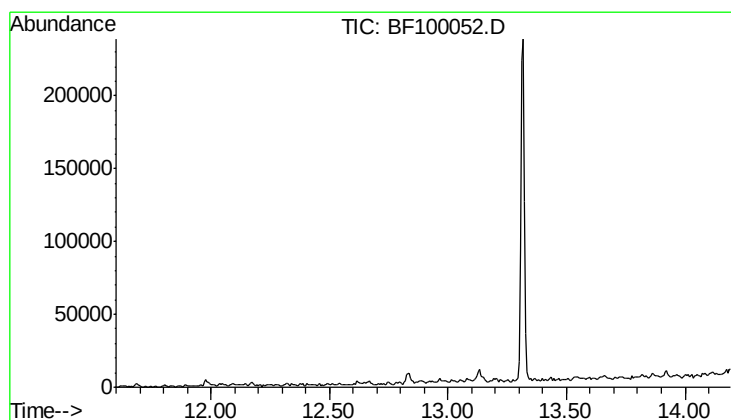
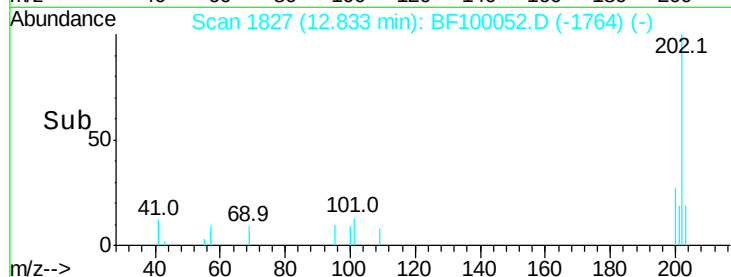
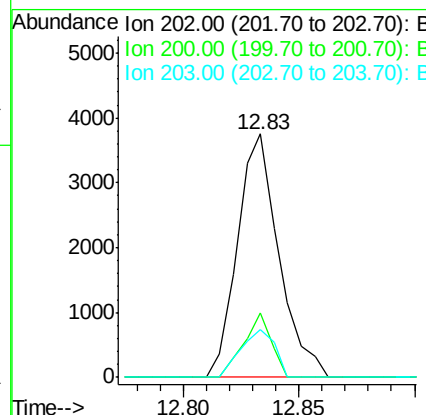
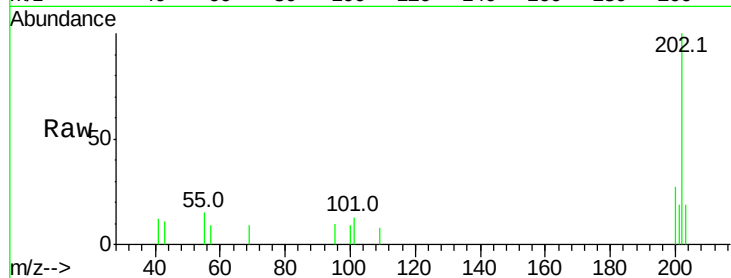




#77
 Pvrene
 Concen: 566.462 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.07 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

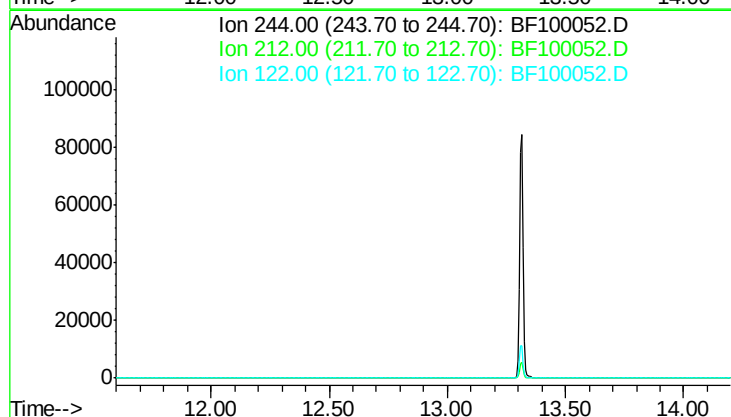
Instrument :
 BNA_F
 ClientSampleId :

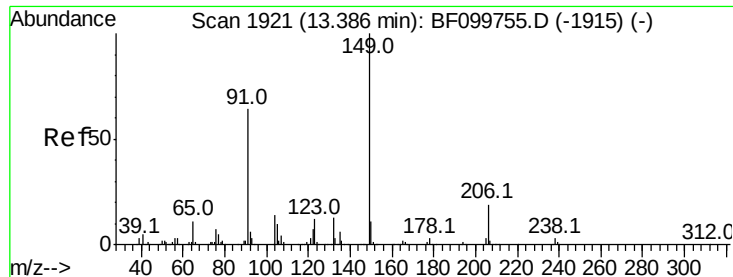
Tot Ion: 202 Resp: 4695
 Ion Ratio Lower Upper
 202 100
 200 26.6 17.4 26.2#
 203 19.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.90 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.7
 122 13.7





#79

Butylbenzylphthalate

Concen: 25.971 ng

RT: 13.13 min Scan# 1878

Delta R.T. -0.23 min

Lab File: BF100052.D

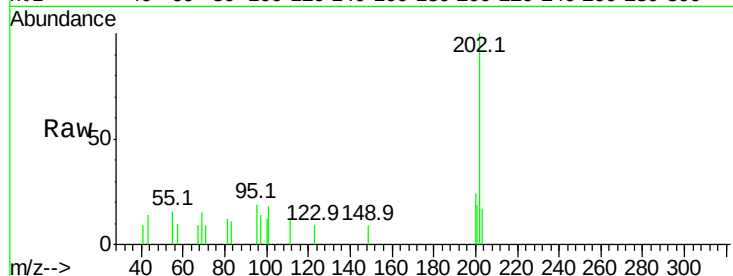
Acq: 1 Nov 2017 19:05

Instrument :

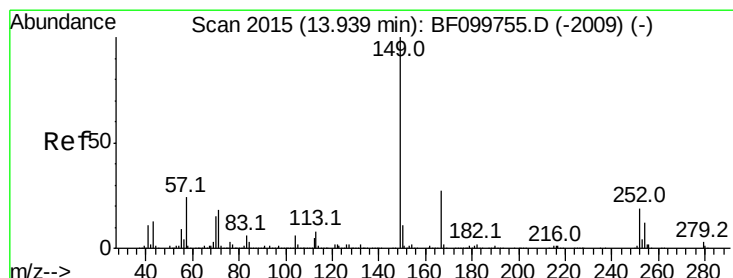
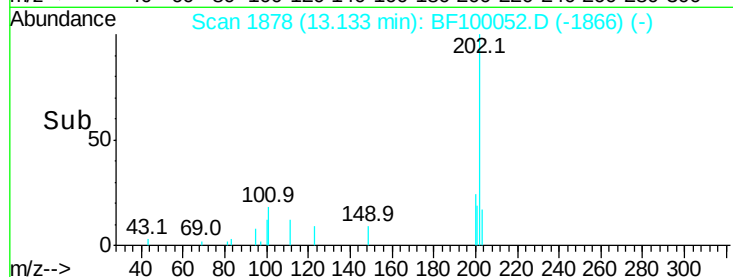
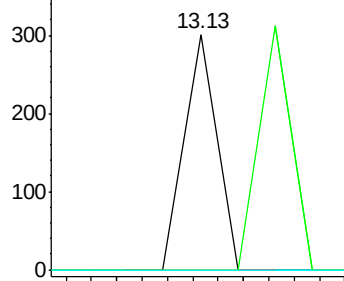
BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	106
Ion	Ratio	Lower	Upper
149	100		
91	0.0	56.8	85.2#
206	0.0	14.1	21.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.715 ng

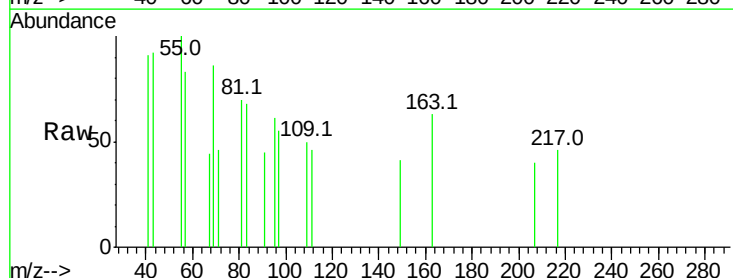
RT: 14.00 min Scan# 2026

Delta R.T. 0.08 min

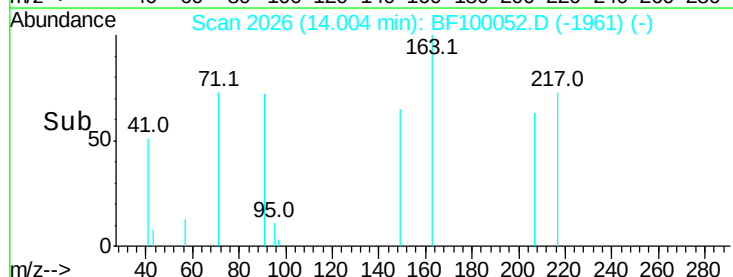
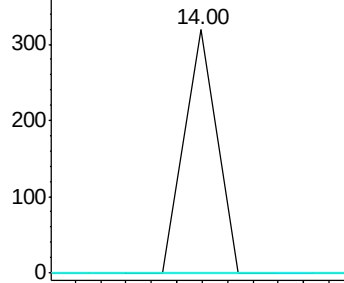
Lab File: BF100052.D

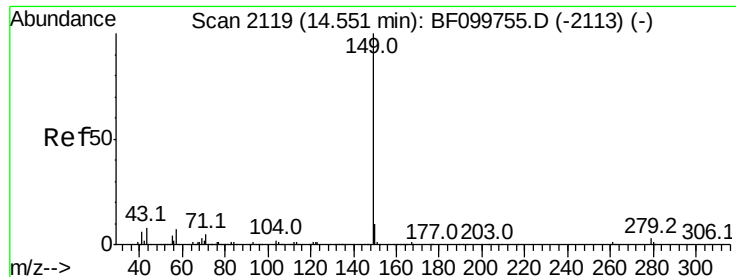
Acq: 1 Nov 2017 19:05

Tgt Ion:	149	Resp:	113
Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.3	31.9#
279	0.0	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

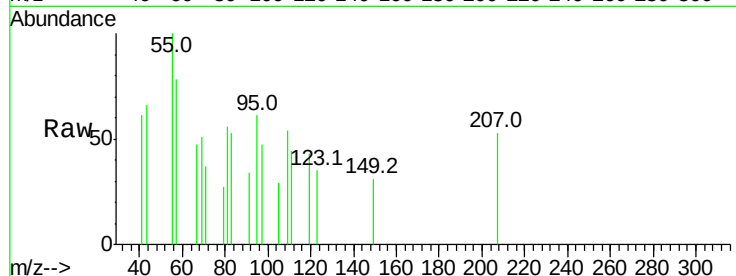




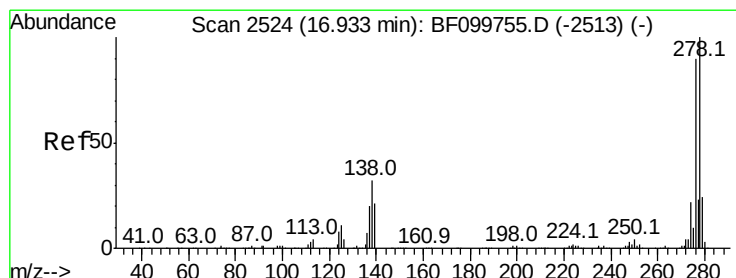
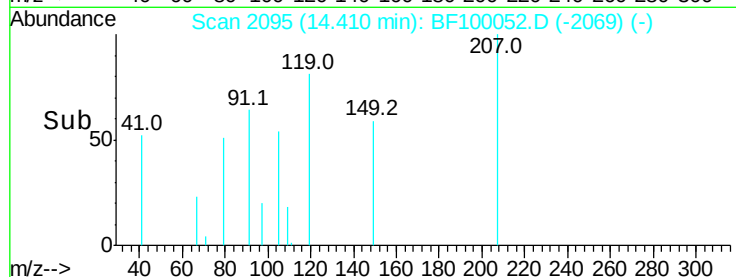
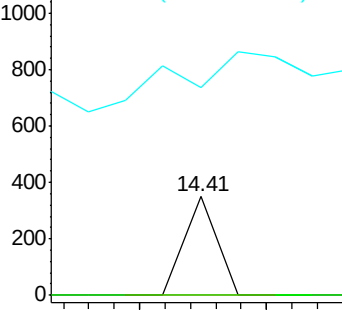
#84
Di-n-octyl phthalate
Concen: 12.503 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.15 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 123
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 278.0 8.4 12.6#

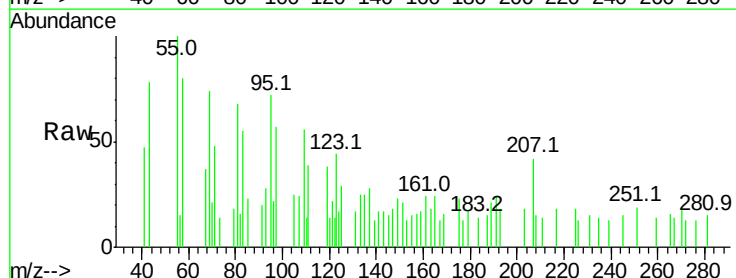


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

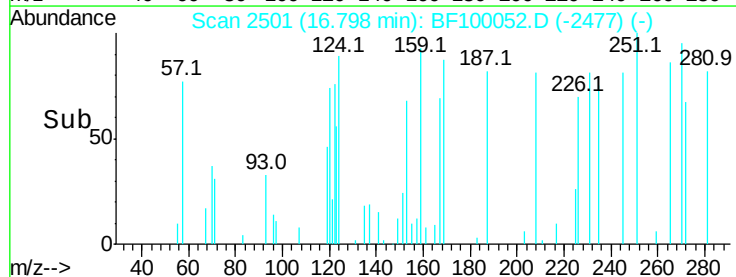
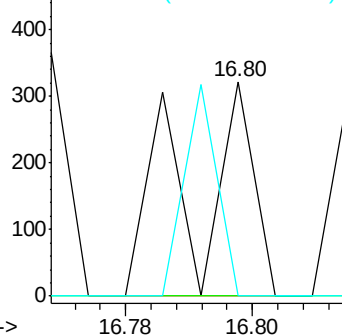


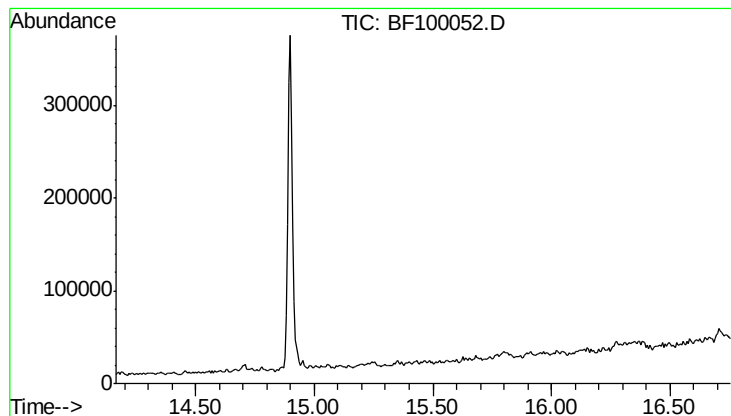
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.226 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.16 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Tgt Ion:276 Resp: 222
Ion Ratio Lower Upper
276 100
138 0.0 25.0 37.6#
277 50.5 20.1 30.1#



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
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 15.46 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264
 Sig Exp Ratio
 264 100
 260 24.0
 265 21.9

