

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099968.D
 Acq On : 30 Oct 2017 19:03
 Operator : SJ/JU
 Sample : I6194-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 02:28:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88349	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	361344	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	162672	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	260932	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	177326	20.00	ng	-0.01
86) Perylene-d12	15.47	264	158763	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	115822	20.58	ng	0.00
7) Phenol-d6	6.43	99	189236	28.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	106374	18.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	17040	11.49	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	226811	21.51	ng	-0.02
78) Terphenyl-d14	12.90	244	161506	19.90	ng	-0.02

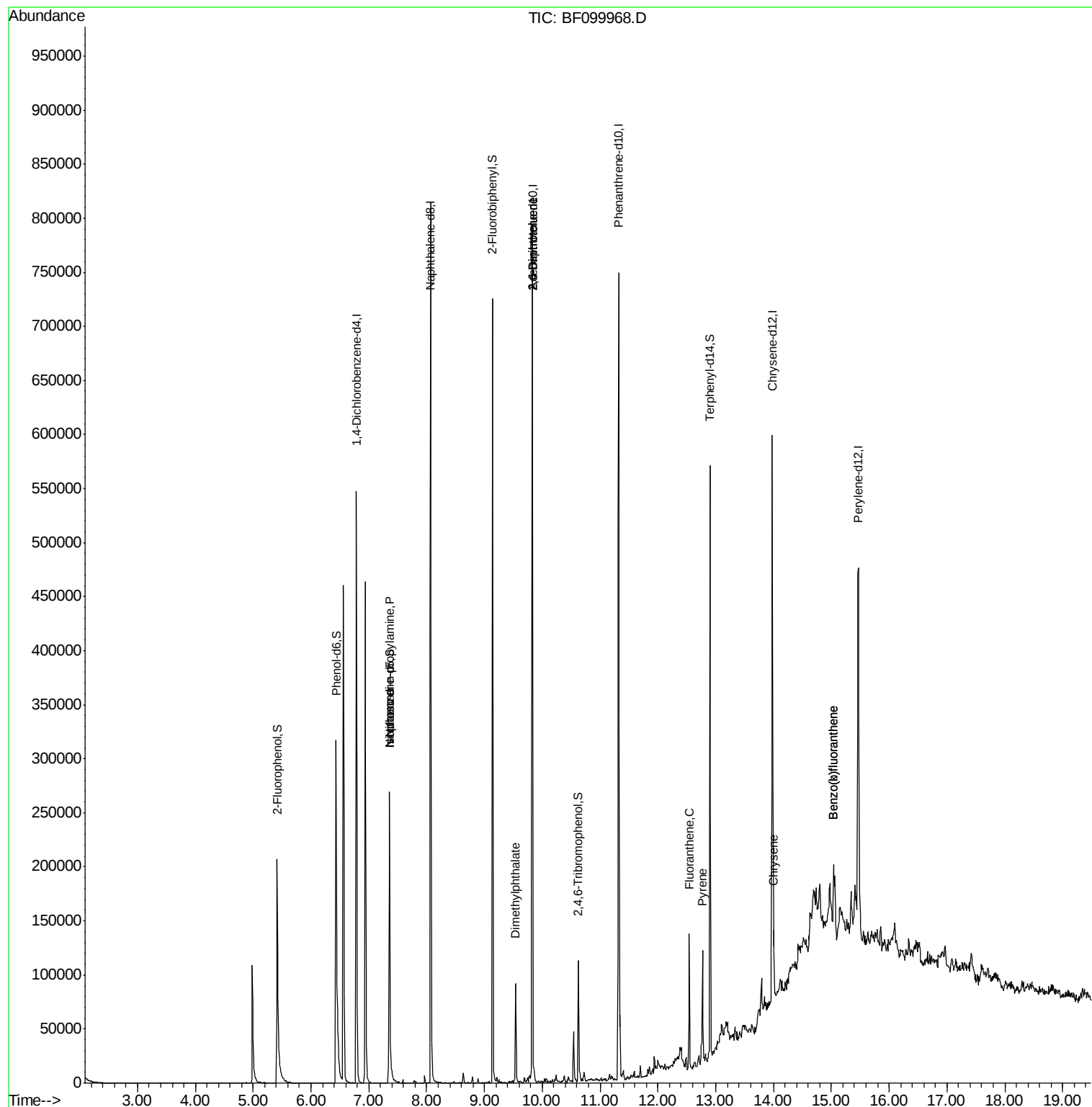
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	12594	3.221	ng	# 74
25) Isophorone	7.36	82	106374	10.445	ng	# 64
49) Dimethylphthalate	9.54	163	43317	3.363	ng	99
50) 2,6-Dinitrotoluene	9.83	165	20147	7.439	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	20147	6.177	ng	# 21
74) Fluoranthene	12.54	202	51606	3.372	ng	97
77) Pyrene	12.77	202	44829	3.325	ng	99
82) Chrysene	14.00	228	23758	2.248	ng	97
87) Benzo(b)fluoranthene	15.04	252	44067	4.396	ng	# 92
88) Benzo(k)fluoranthene	15.04	252	44067	4.662	ng	# 95

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099968.D
Acq On : 30 Oct 2017 19:03
Operator : SJ/JU
Sample : I6194-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Oct 31 02:28:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



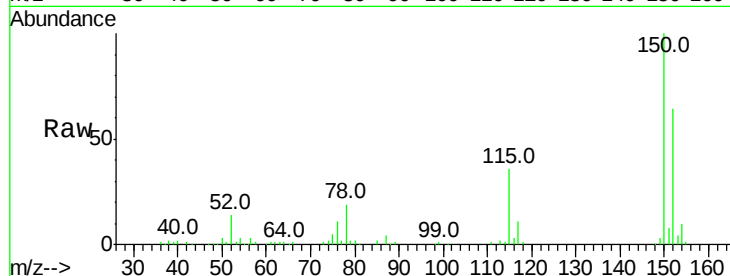


#1

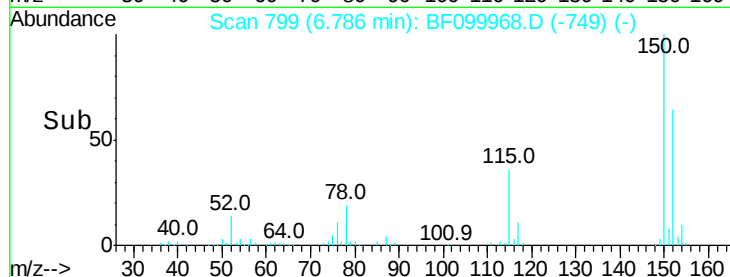
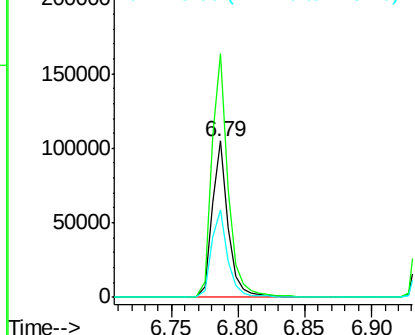
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88349
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 55.6 50.1 75.1



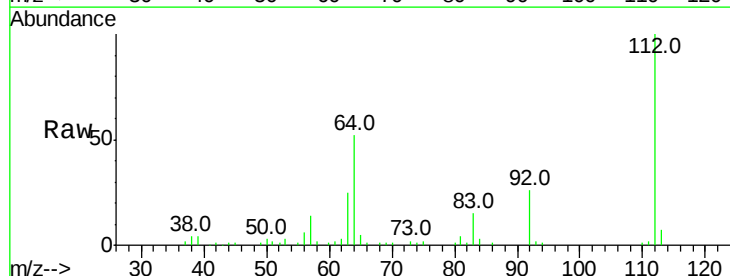
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



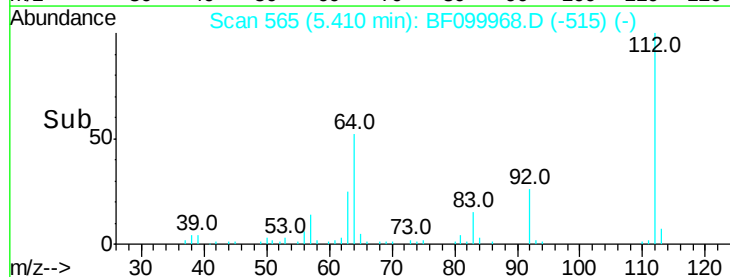
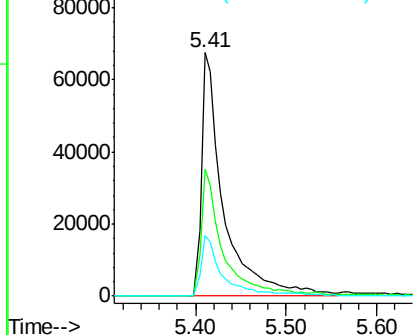
#5

2-Fluorophenol
Concen: 20.582 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion:112 Resp: 115822
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.9 23.7 35.5



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: 28.360 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

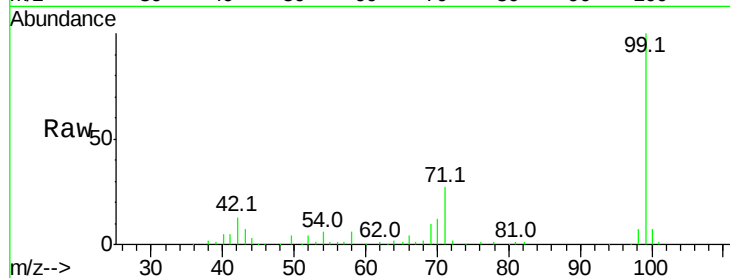
Tot Ion: 99 Resp: 189236

Ion Ratio Lower Upper

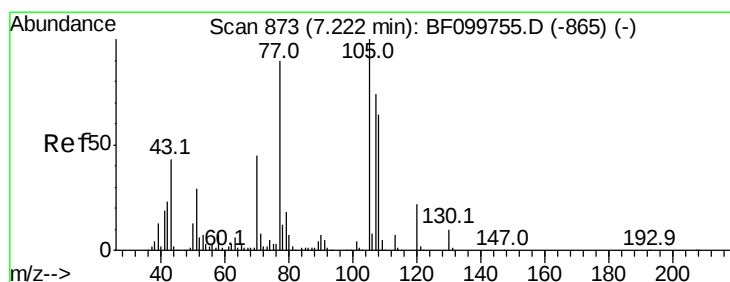
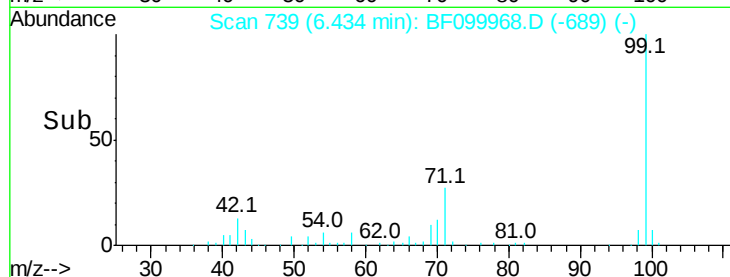
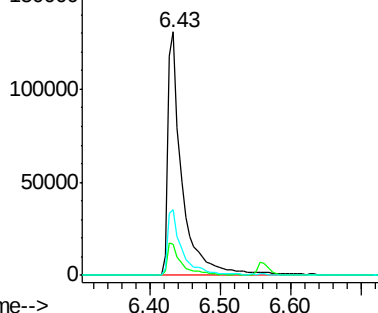
99 100

42 12.7 14.5 21.7#

71 27.1 25.4 38.0



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: 3.221 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Tgt Ion: 70 Resp: 12594

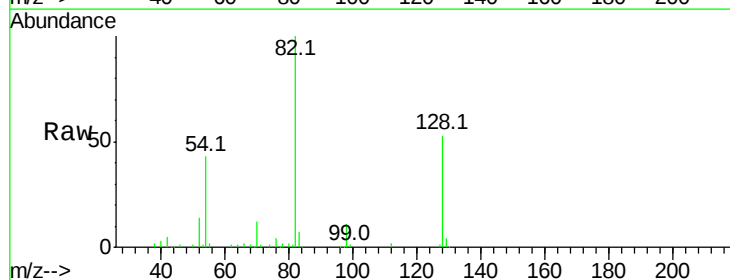
Ion Ratio Lower Upper

70 100

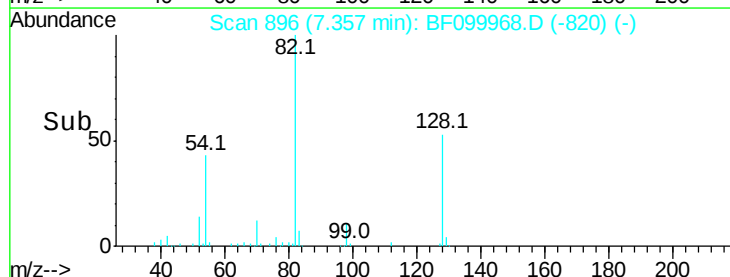
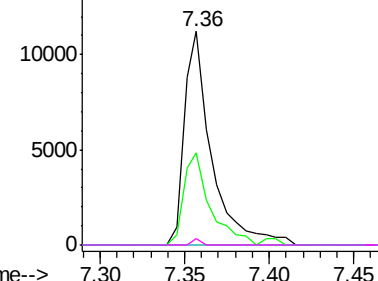
42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#



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

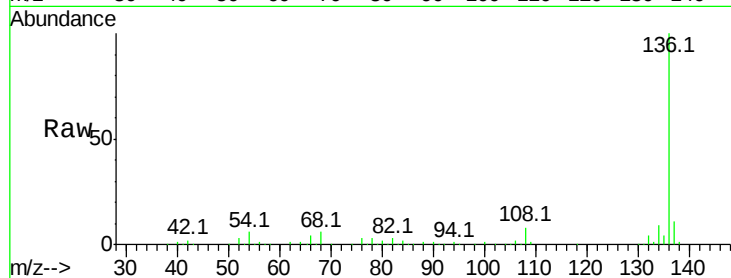




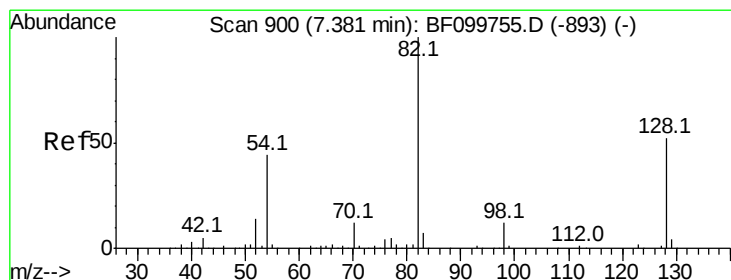
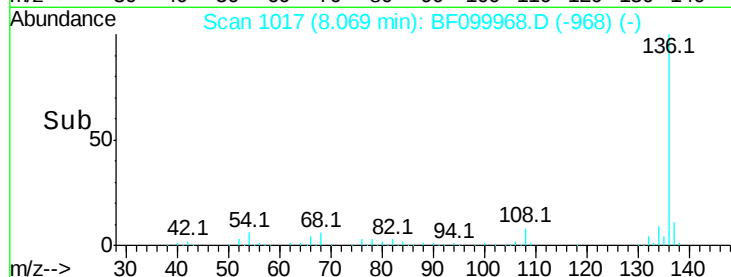
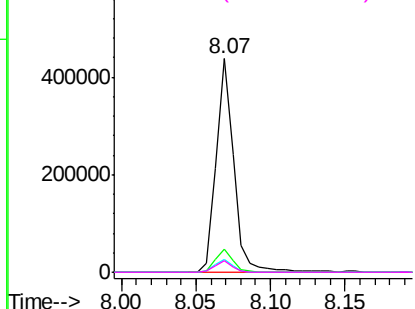
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	361344
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.2	6.6	9.8
68	5.6	5.0	7.4

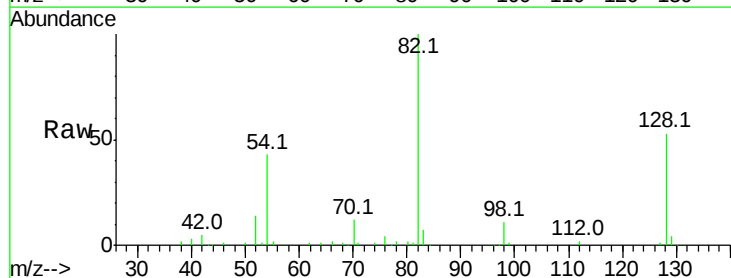


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

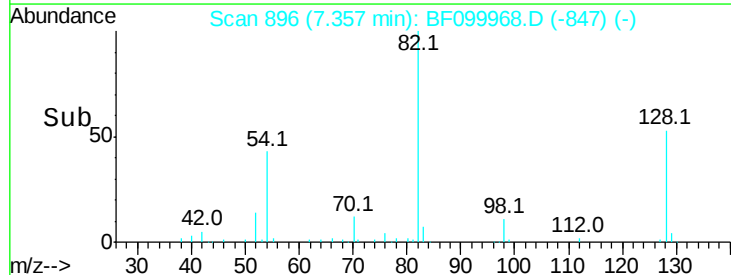
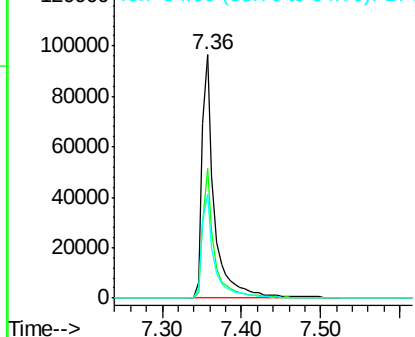


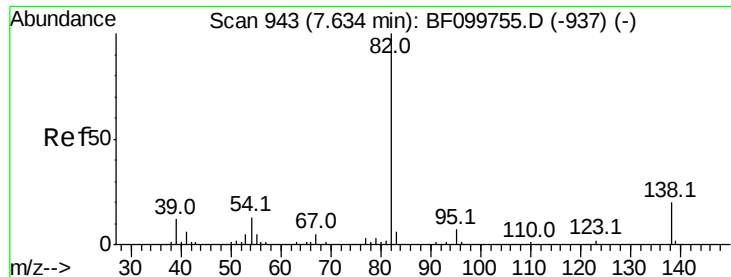
#23
Nitrobenzene-d5
Concen: 18.953 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion:	82	Resp:	106374
Ion	Ratio	Lower	Upper
82	100		
128	53.1	36.1	54.1
54	42.7	41.4	62.2



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





#25

Isophorone

Concen: 10.445 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

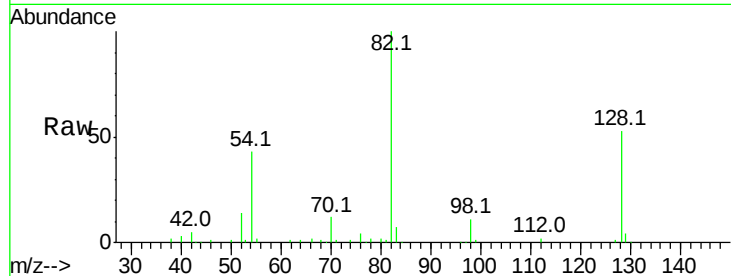
Tot Ion: 82 Resp: 106374

Ion Ratio Lower Upper

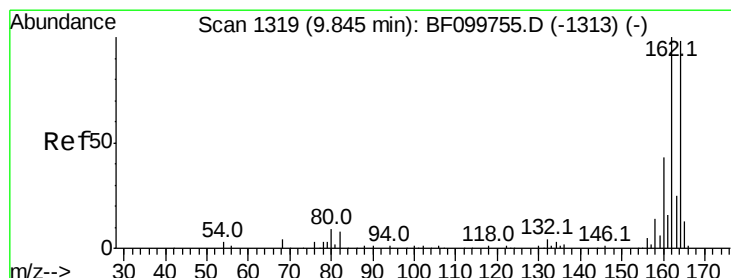
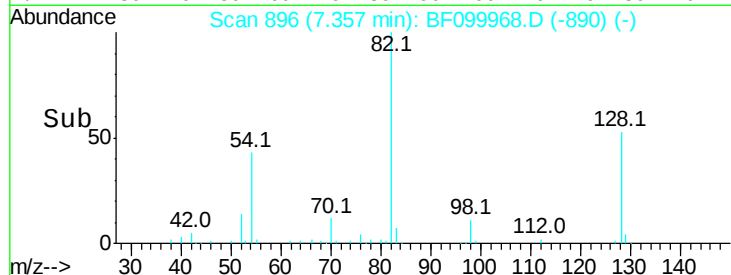
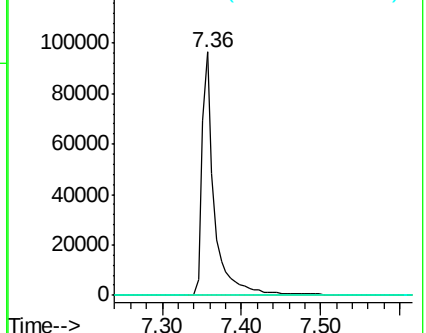
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

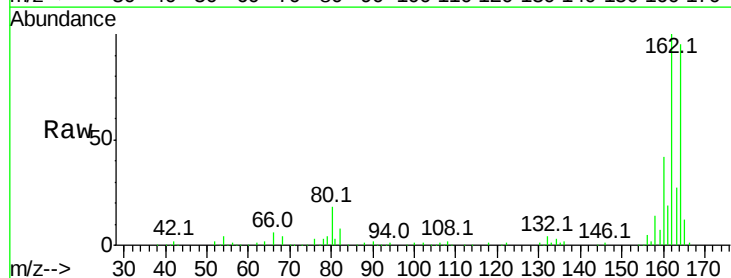
Tgt Ion:164 Resp: 162672

Ion Ratio Lower Upper

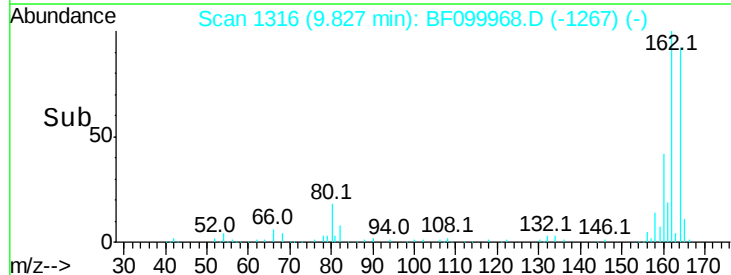
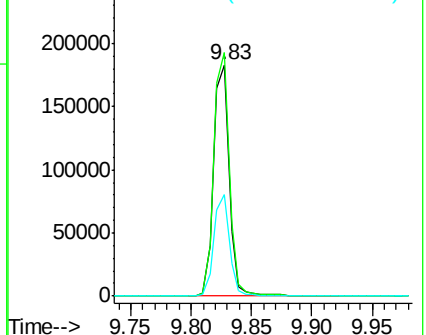
164 100

162 105.5 86.1 129.1

160 44.2 38.3 57.5



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

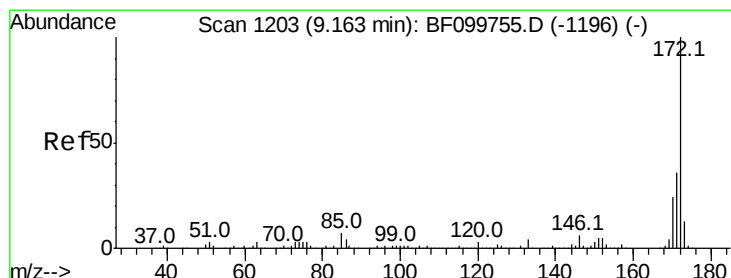
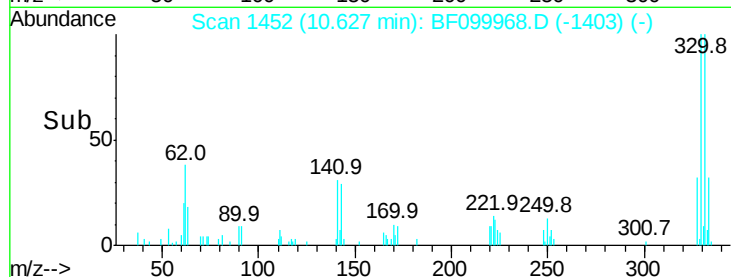
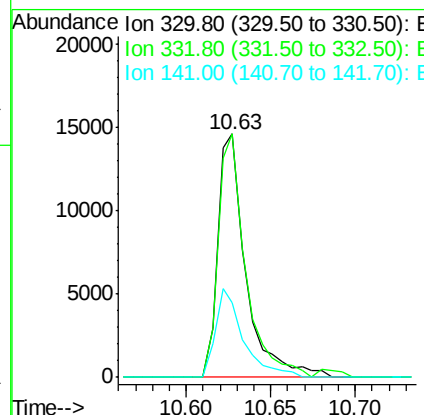
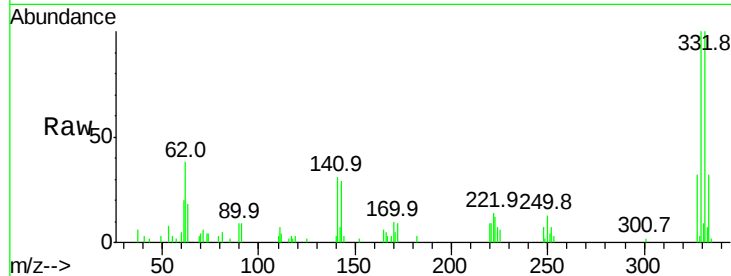




#41
 2,4,6-Tribromophenol
 Concen: 11.494 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF099968.D
 Acq: 30 Oct 2017 19:03

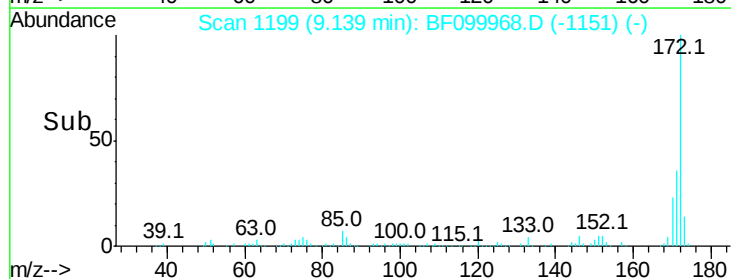
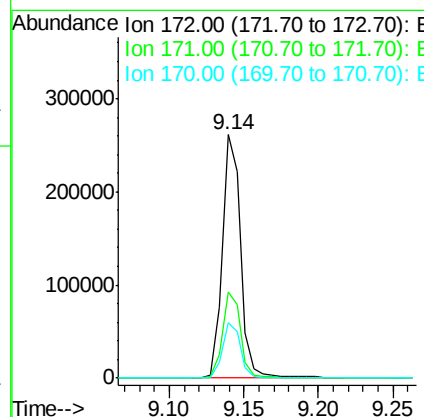
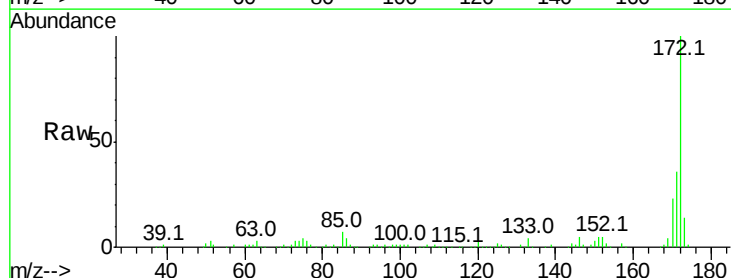
Instrument :
 BNA_F
 ClientSampleId :

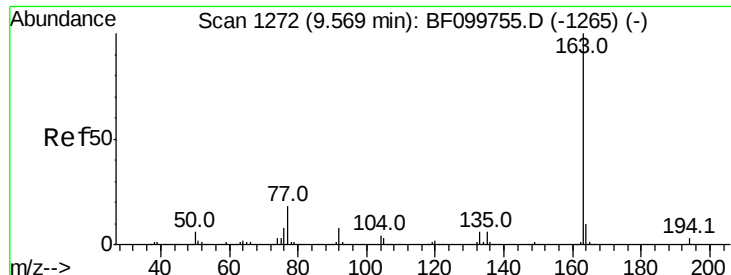
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 21.512 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099968.D
 Acq: 30 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	22.9	19.6	29.4

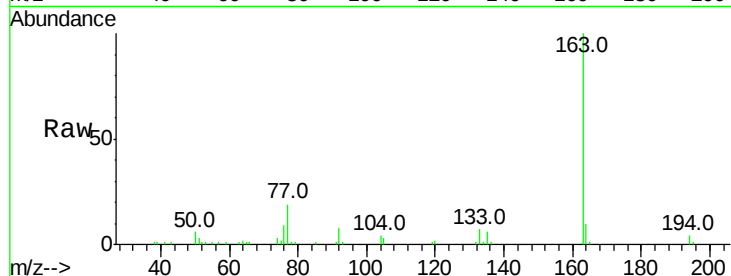




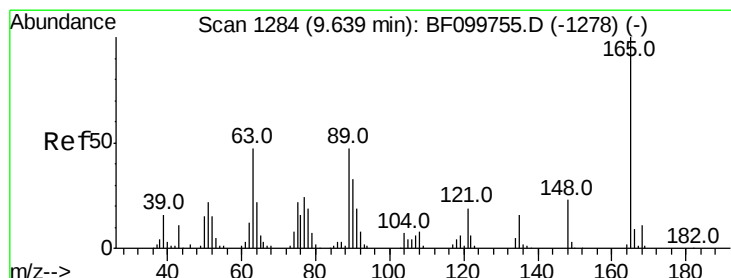
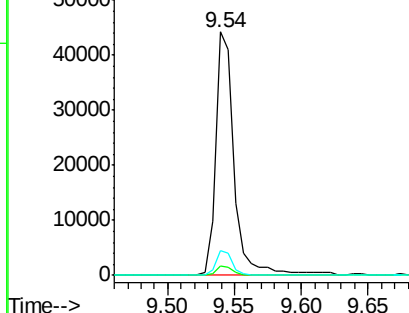
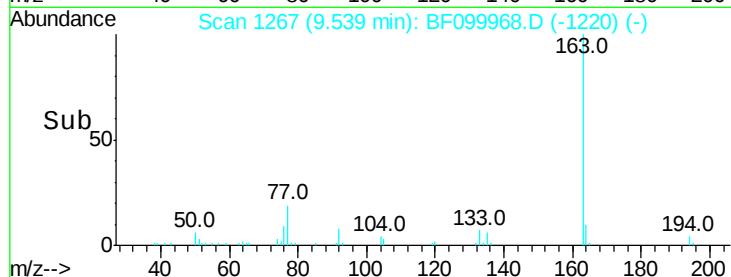
#49
Dimethylphthalate
Concen: 3.363 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 43317
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2

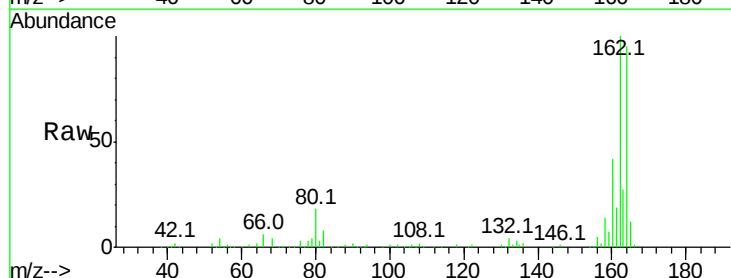


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

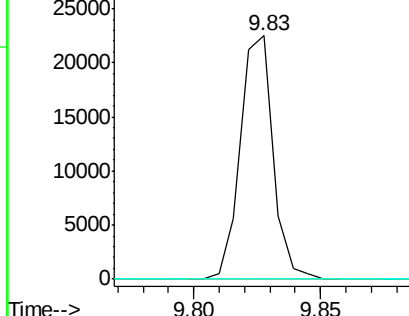
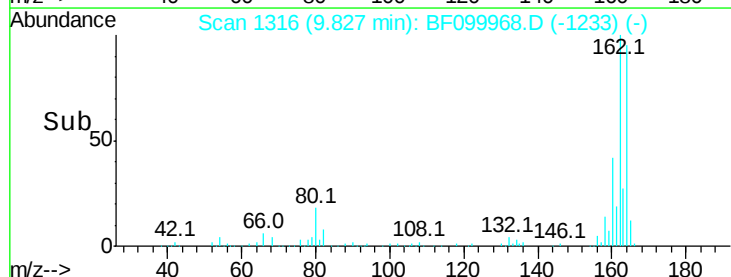


#50
2,6-Dinitrotoluene
Concen: 7.439 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion:165 Resp: 20147
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): BF0
Ion 89.00 (88.70 to 89.70): BF0

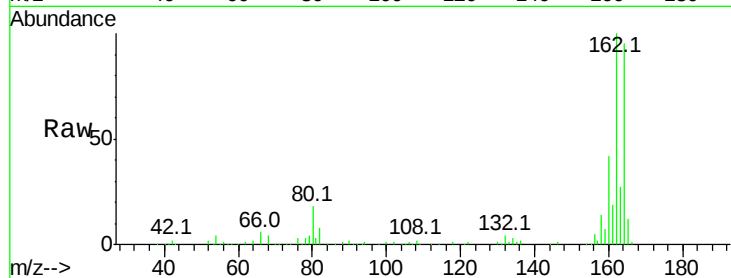




#56
 2,4-Dinitrotoluene
 Concen: 6.177 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF099968.D
 Acq: 30 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	20147
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#

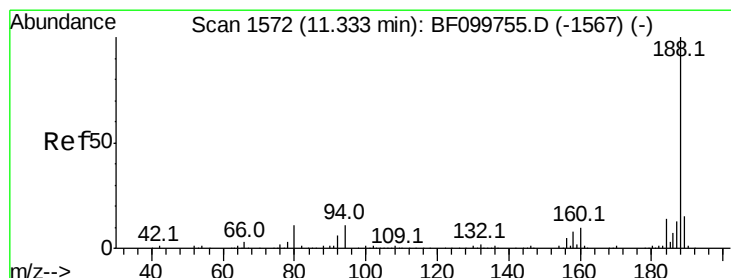
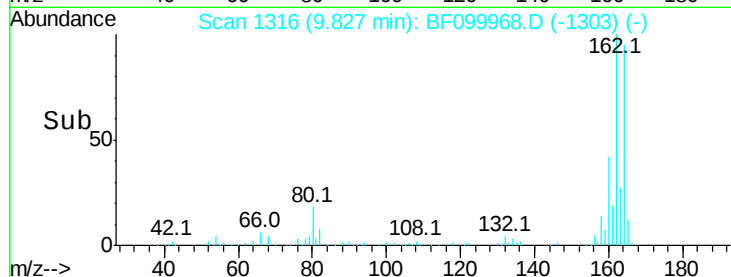
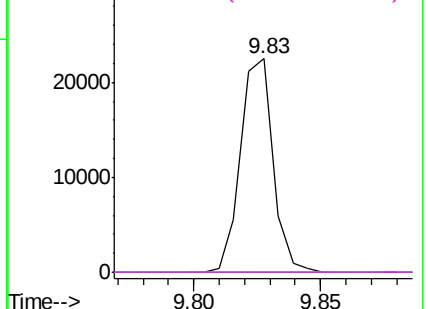


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

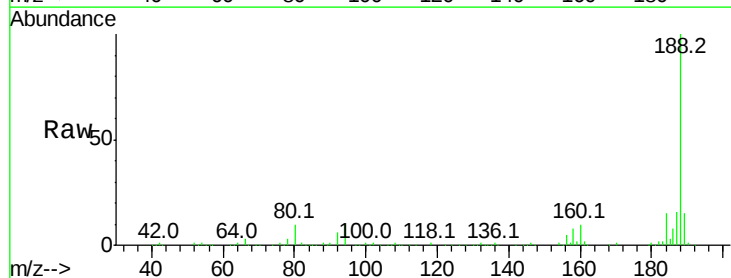
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF099968.D
 Acq: 30 Oct 2017 19:03

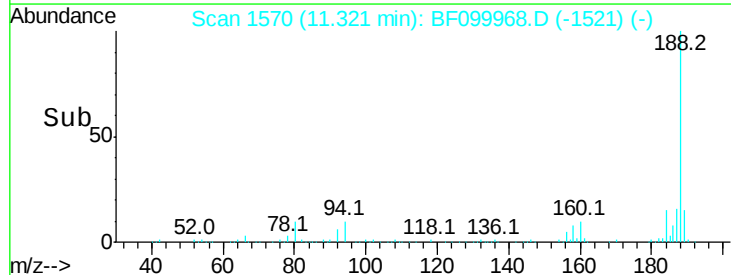
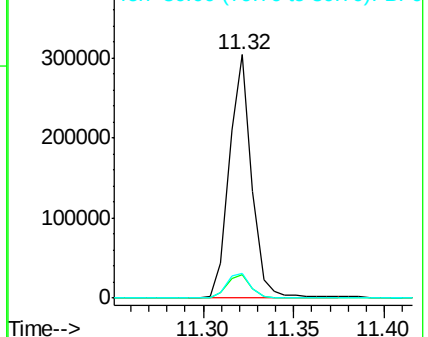
Tgt Ion:	188	Resp:	260932
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8

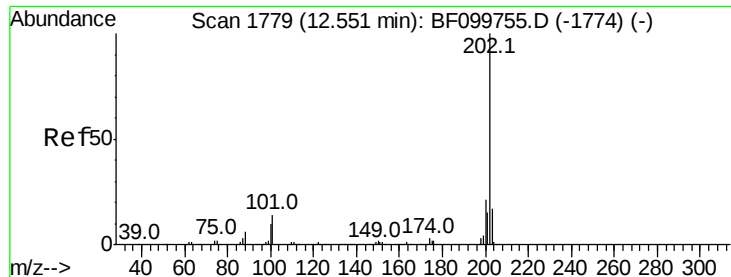


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

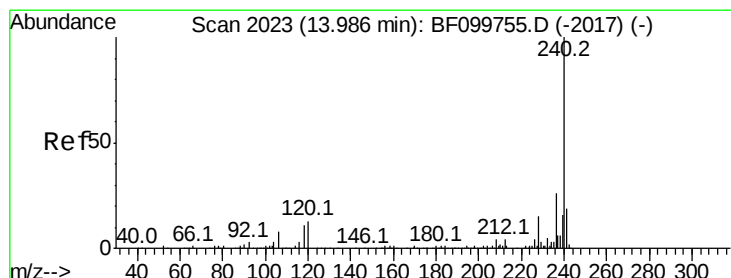
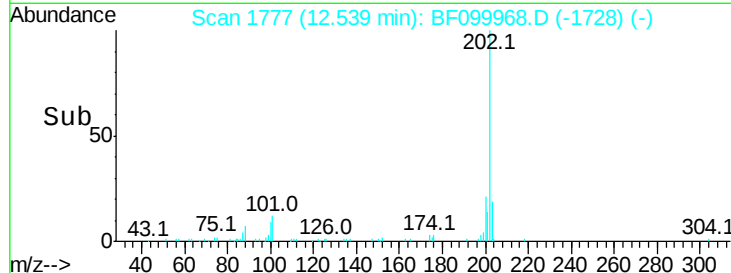
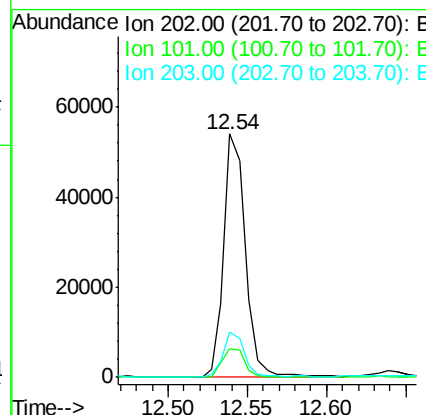
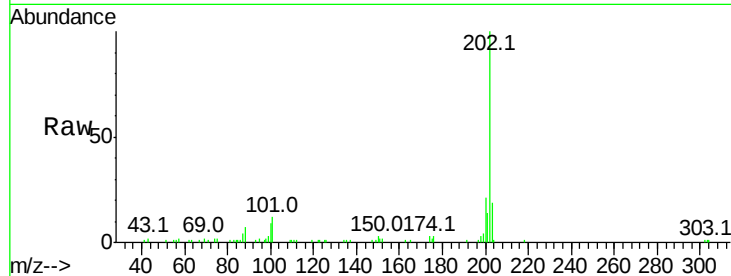




#74
 Fluoranthene
 Concen: 3.372 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF099968.D
 Acq: 30 Oct 2017 19:03

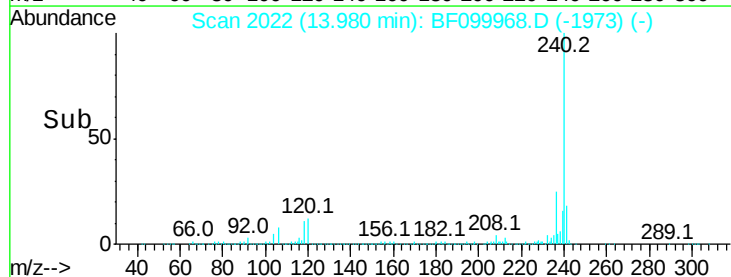
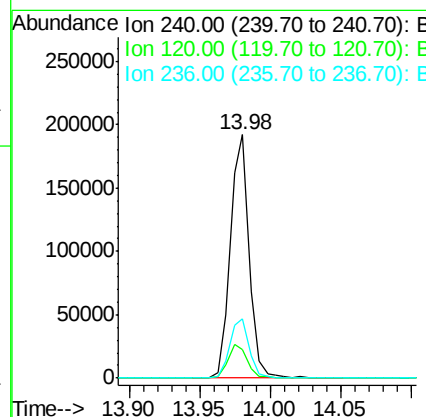
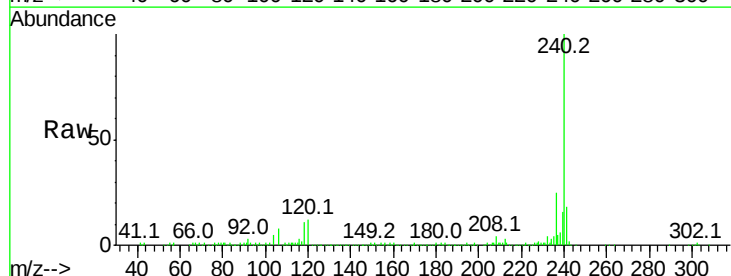
Instrument :
 BNA_F
 ClientSampleId :

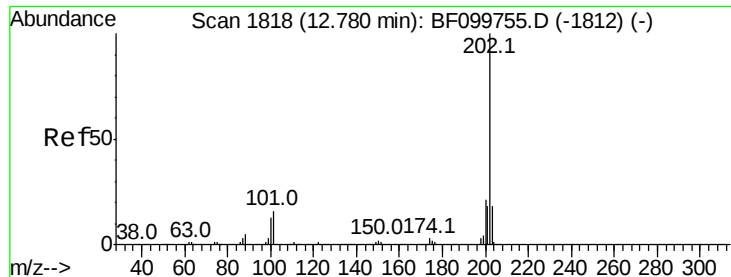
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	18.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099968.D
 Acq: 30 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	24.5	20.7	31.1





#77

Pvrene

Concen: 3.325 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

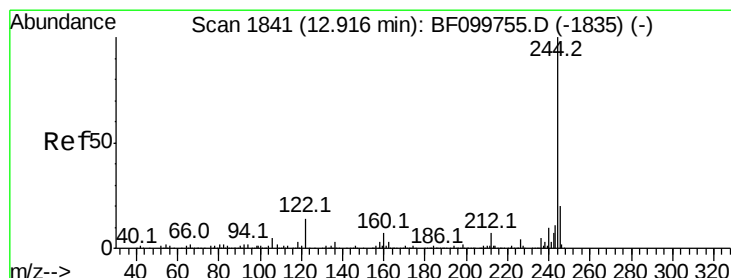
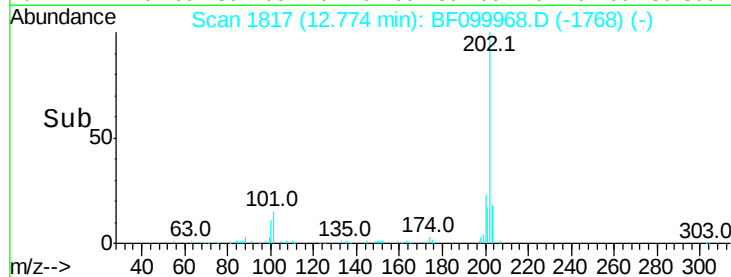
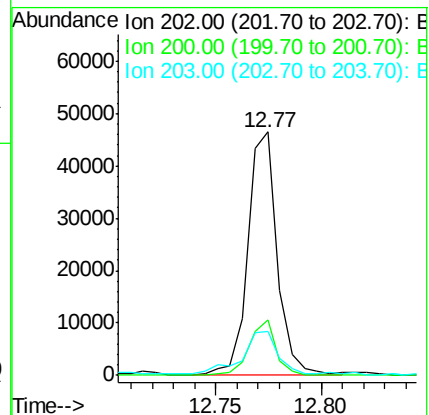
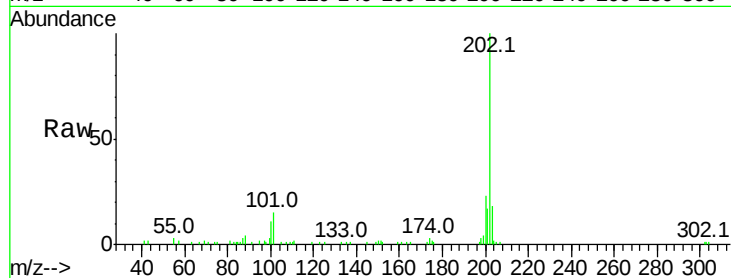
Tot Ion:202 Resp: 44829

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

203 17.9 14.3 21.5



#78

Terphenyl-d14

Concen: 19.904 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

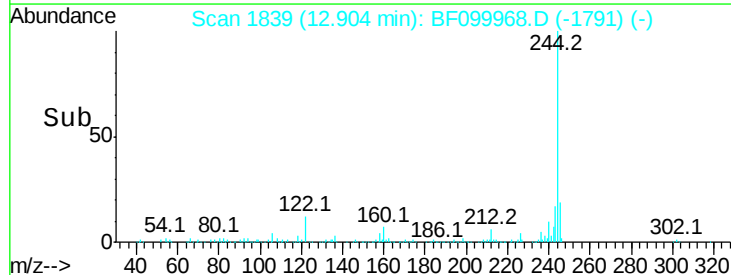
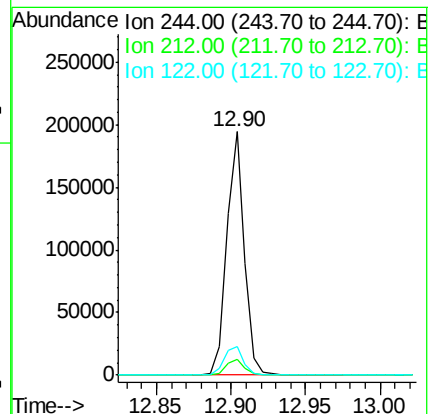
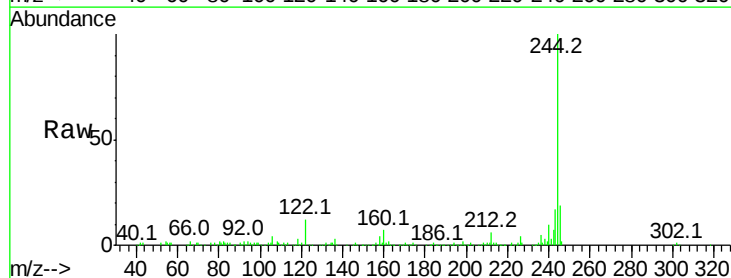
Tgt Ion:244 Resp: 161506

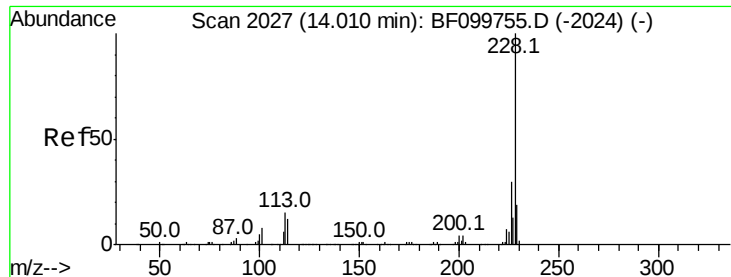
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 12.0 11.0 16.4





#82

Chrysene

Concen: 2.248 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Instrument :

BNA_F

ClientSampled :

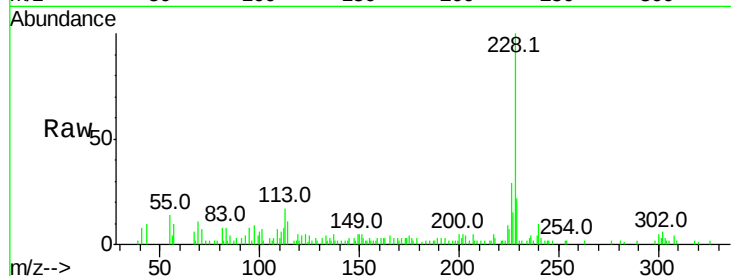
Tot Ion:228 Resp: 23758

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

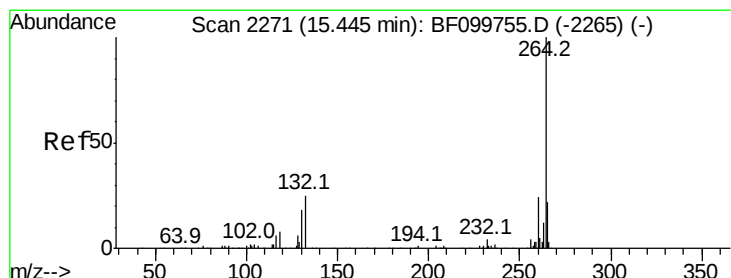
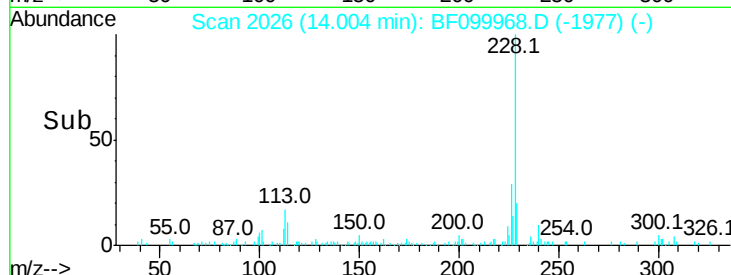
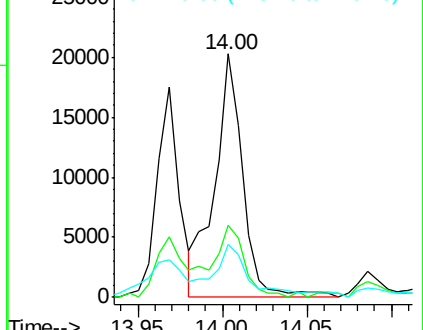
229 21.8 16.2 24.4



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: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

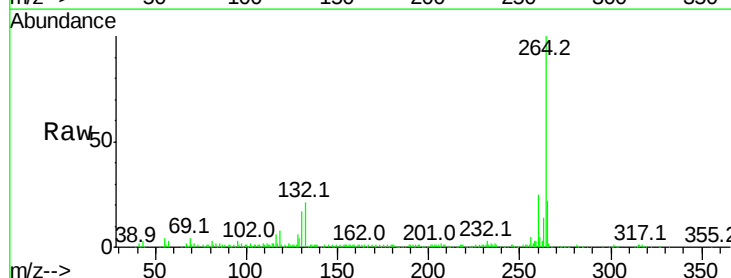
Tgt Ion:264 Resp: 158763

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

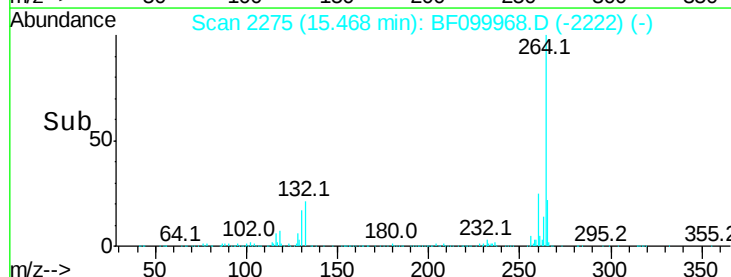
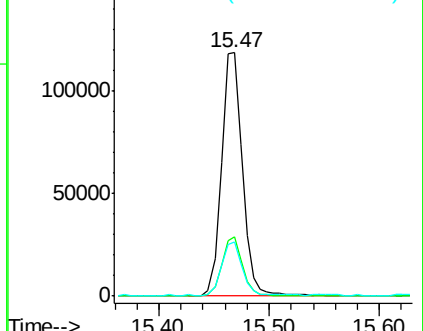
265 22.2 17.5 26.3

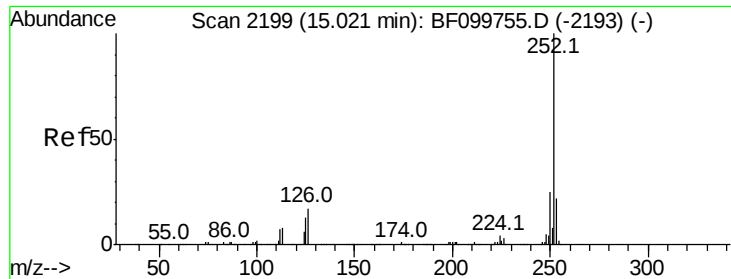


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

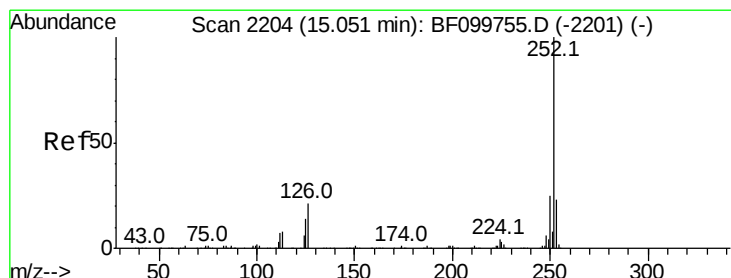
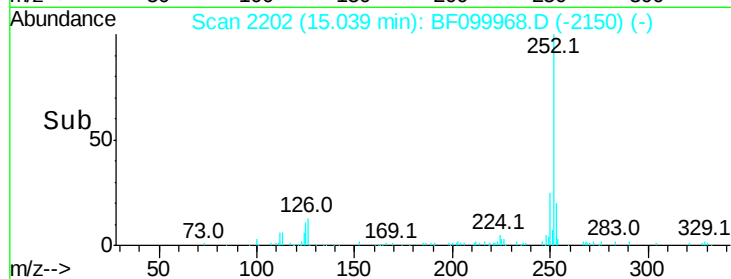
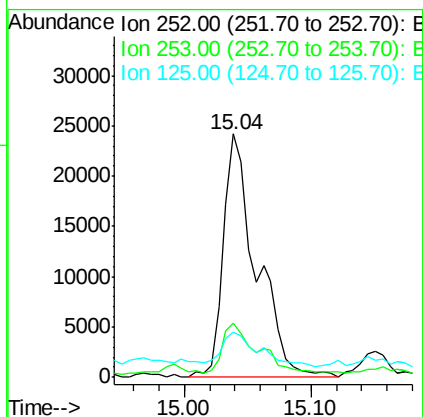
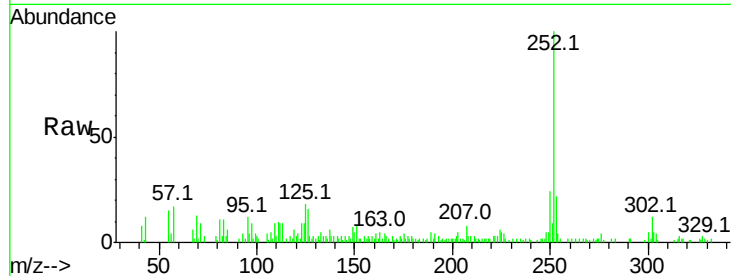




#87
Benzo(b)fluoranthene
Concen: 4.396 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 44067
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 18.3 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 4.662 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion:252 Resp: 44067
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 18.3 10.2 15.2#

