

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099974.D
 Acq On : 30 Oct 2017 21:38
 Operator : SJ/JU
 Sample : I6166-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 02:30:12 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

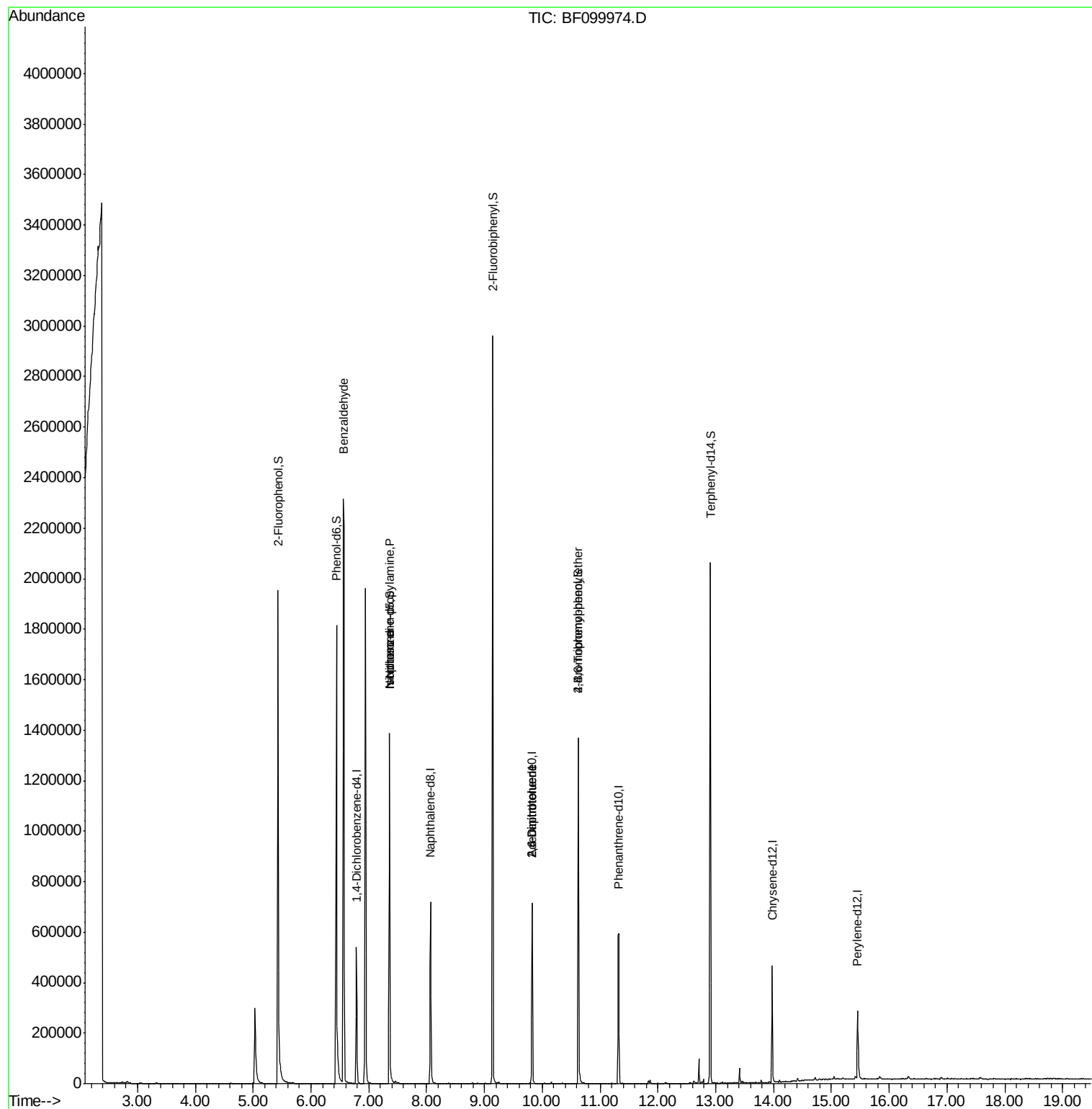
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84234	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	344826	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	151204	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	237286	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	155579	20.00	ng	-0.02
86) Perylene-d12	15.46	264	140371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	736100	137.20	ng	0.01
7) Phenol-d6	6.44	99	808932	127.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	526214	98.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	193177	140.19	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1061493	108.31	ng	-0.01
78) Terphenyl-d14	12.91	244	766312	107.64	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	13125	3.453	ng	89
19) n-Nitroso-di-n-propylamine	7.36	70	66820	17.923	ng	# 70
25) Isophorone	7.36	82	526214	54.143	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	19231	7.640	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	19231	6.344	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	12321	4.932	ng	# 1

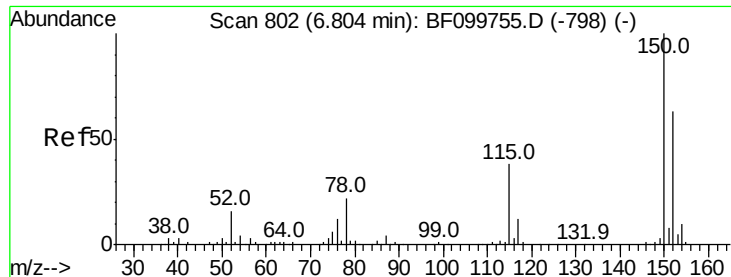
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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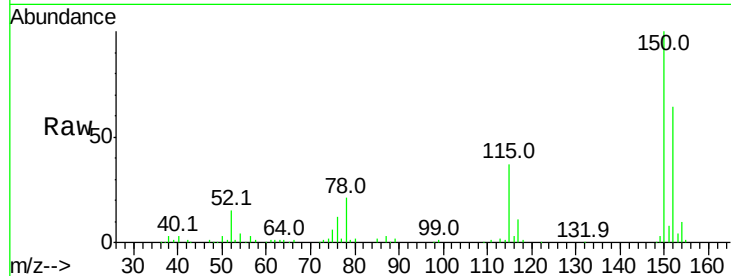


#1

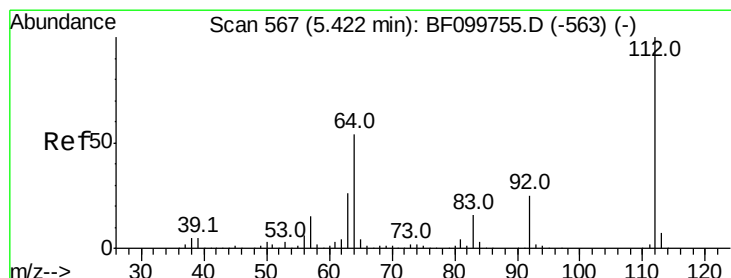
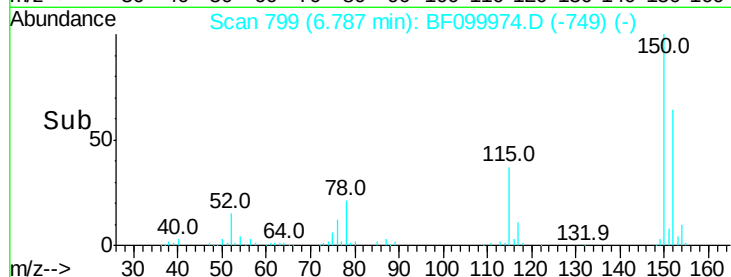
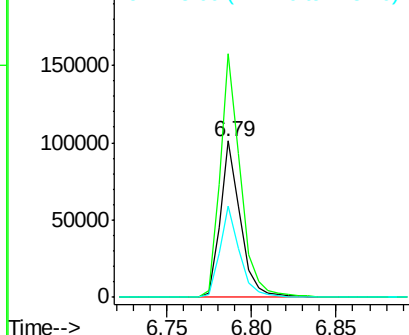
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84234
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 58.1 50.1 75.1



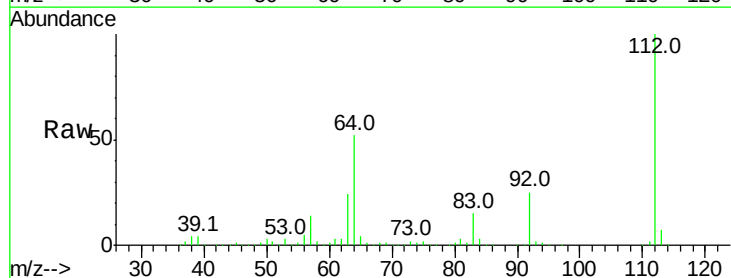
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



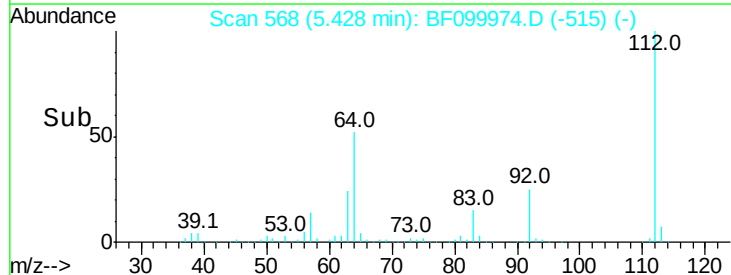
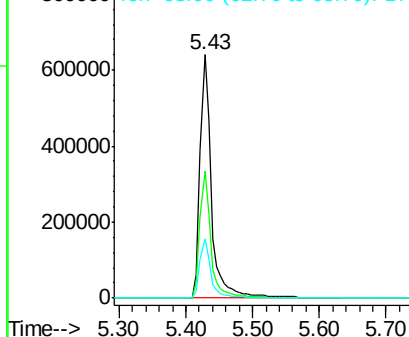
#5

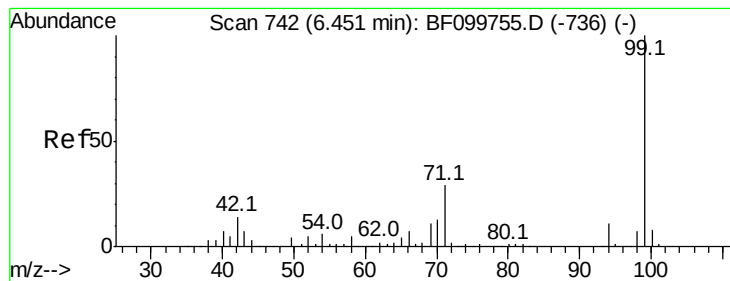
2-Fluorophenol
Concen: 137.195 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

Tgt Ion:112 Resp: 736100
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 24.4 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: 127.155 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099974.D

Acq: 30 Oct 2017 21:38

Instrument :

BNA_F

ClientSampled :

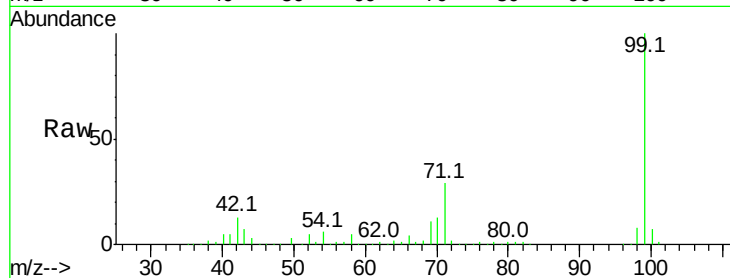
Tot Ion: 99 Resp: 808932

Ion Ratio Lower Upper

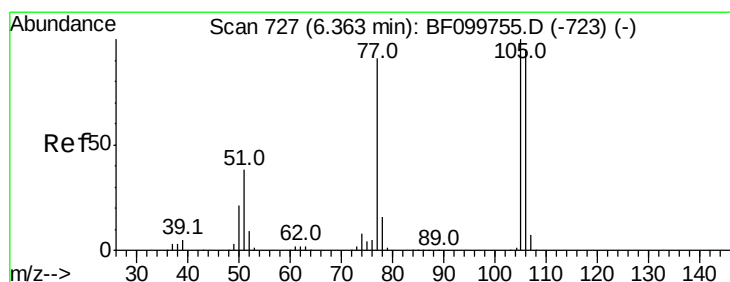
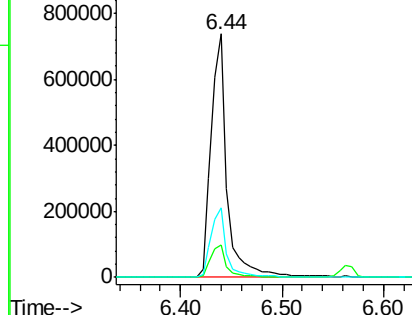
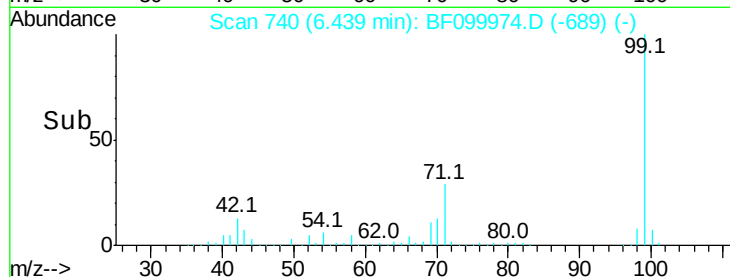
99 100

42 13.3 14.5 21.7#

71 28.6 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



#9

Benzaldehyde

Concen: 3.453 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099974.D

Acq: 30 Oct 2017 21:38

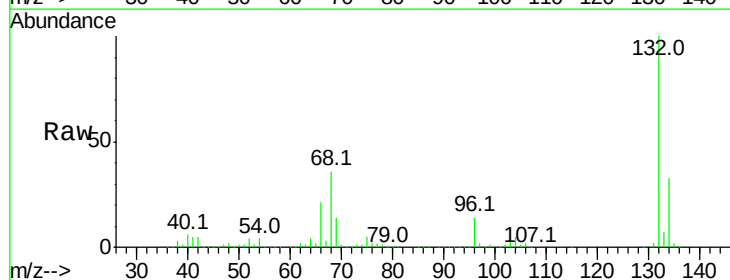
Tgt Ion: 77 Resp: 13125

Ion Ratio Lower Upper

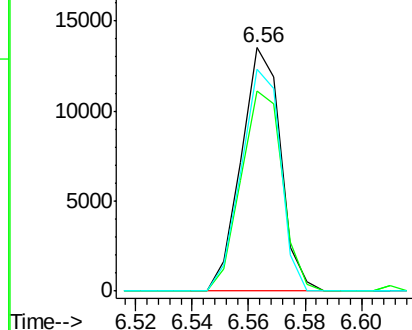
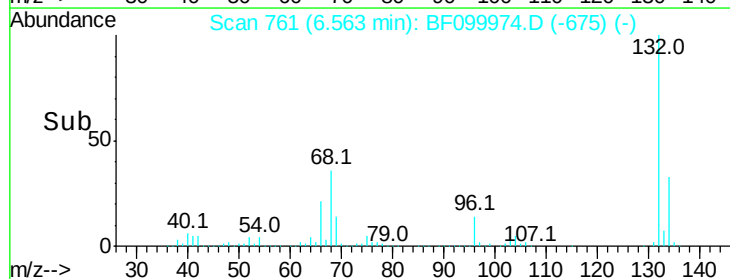
77 100

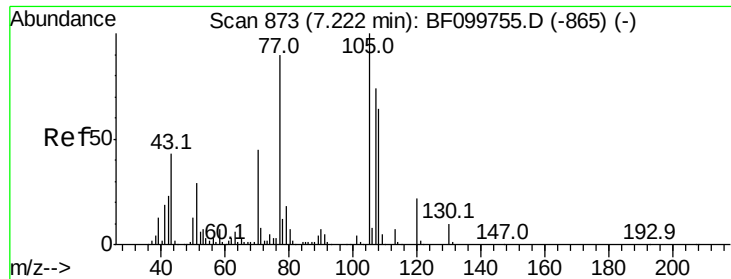
105 82.2 81.1 121.1

106 91.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

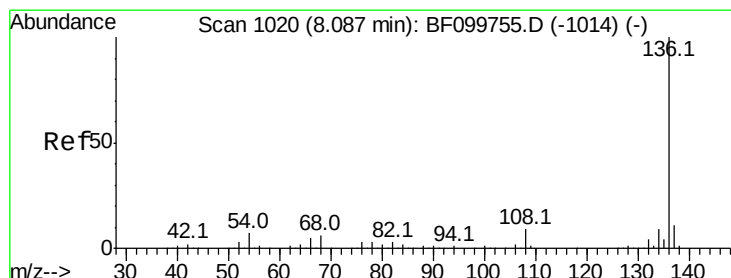
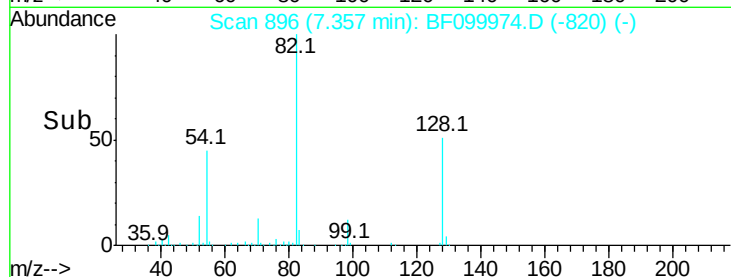
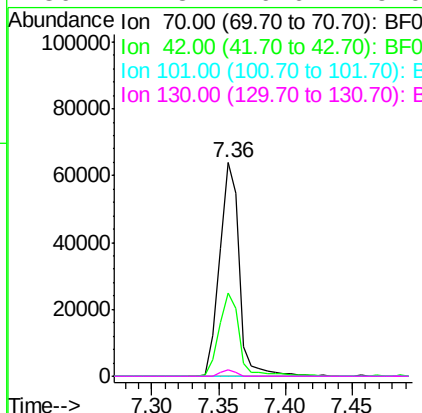
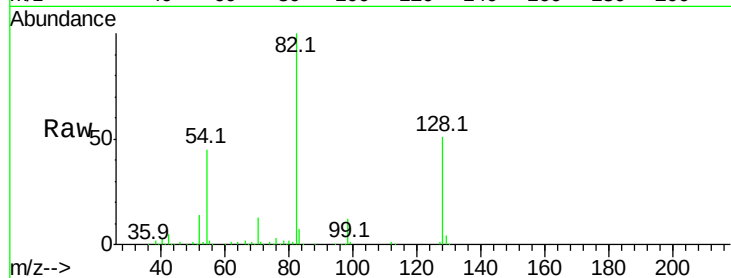




#19
n-Nitroso-di-n-propylamine
Concen: 17.923 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

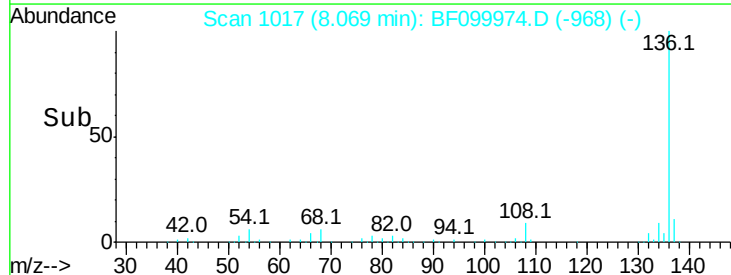
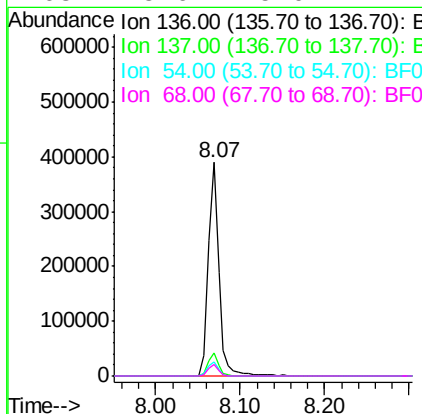
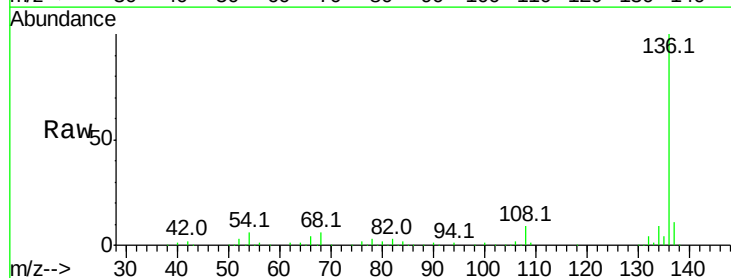
Instrument :
BNA_F
ClientSampleId :

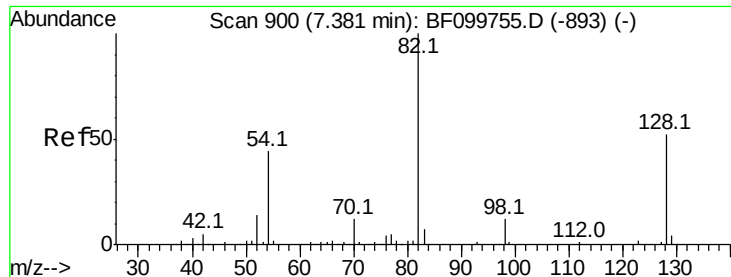
Tot Ion: 70 Resp: 66820
Ion Ratio Lower Upper
70 100
42 38.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

Tgt Ion:136 Resp: 344826
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 6.6 9.8#
68 5.6 5.0 7.4

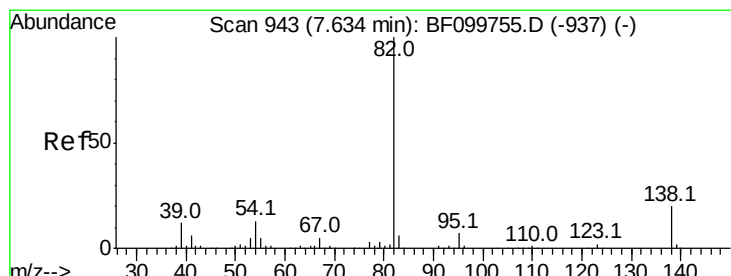
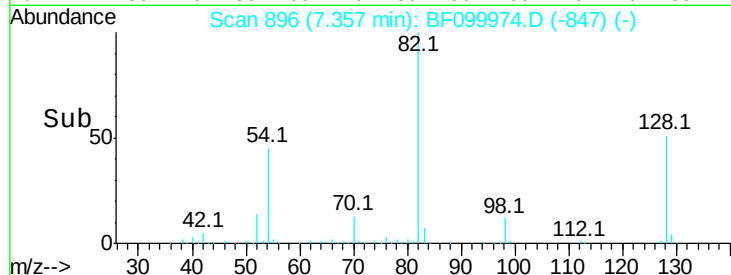
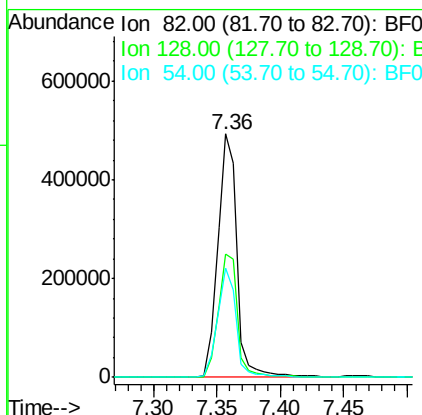
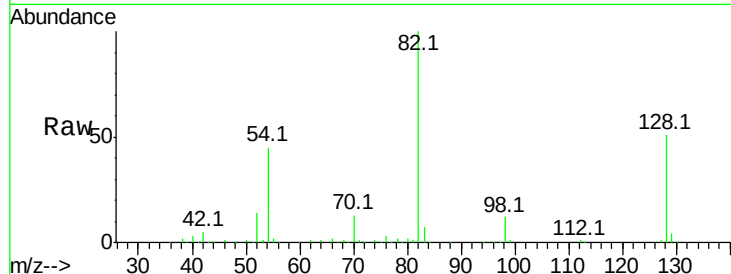




#23
 Nitrobenzene-d5
 Concen: 98.246 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

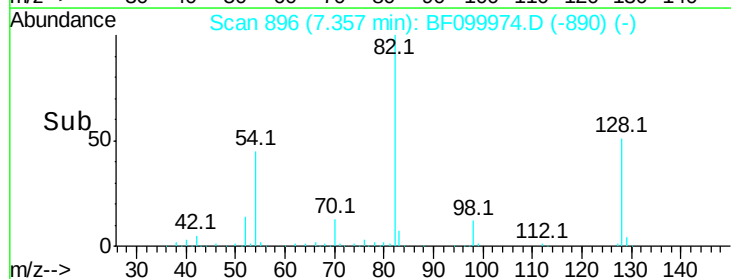
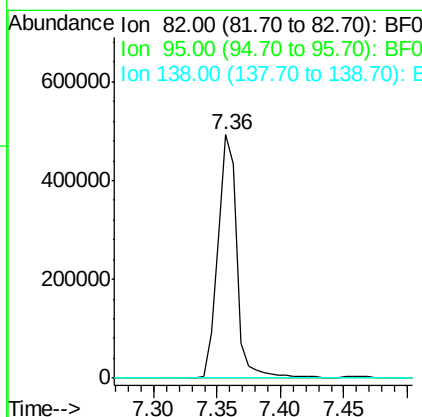
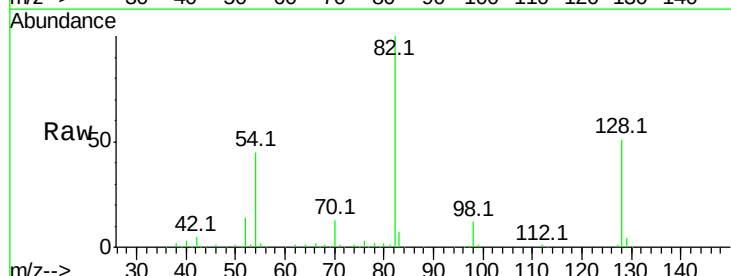
Instrument :
 BNA_F
 ClientSampleId :

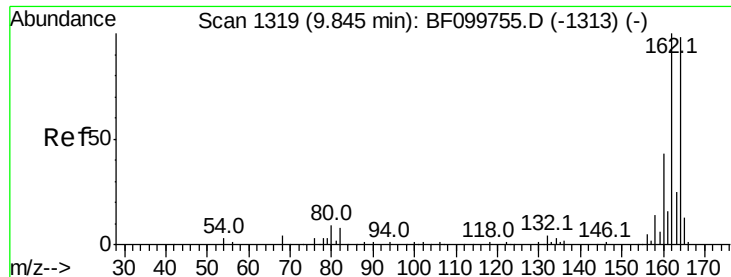
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	44.8	41.4	62.2



#25
 Isophorone
 Concen: 54.143 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

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

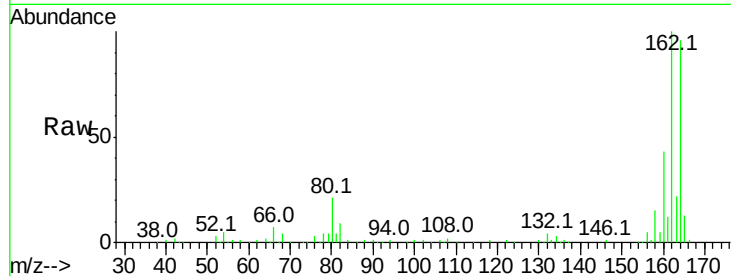




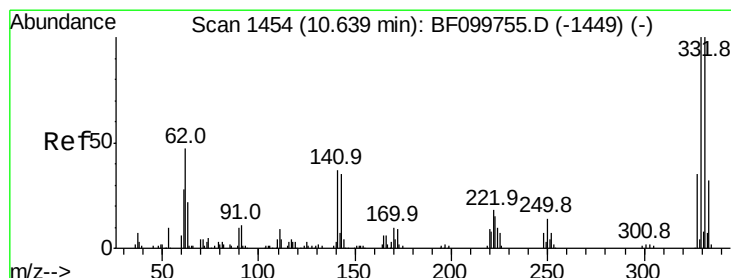
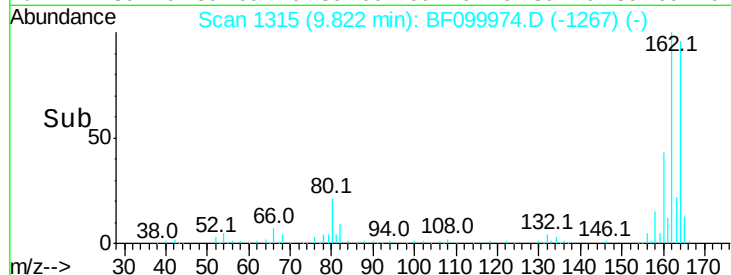
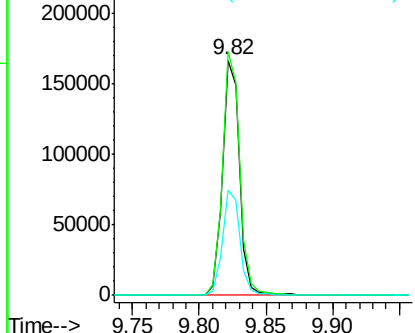
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 151204
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 44.8 38.3 57.5

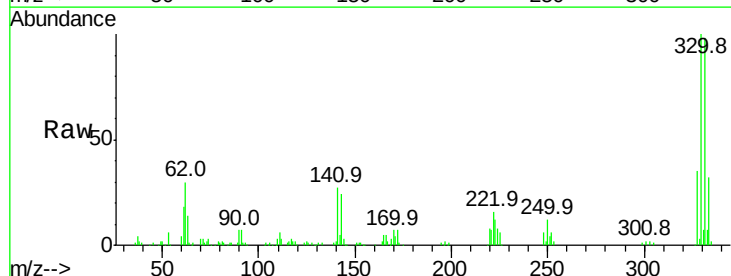


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

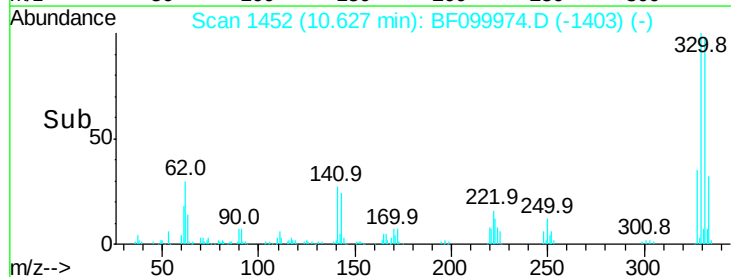
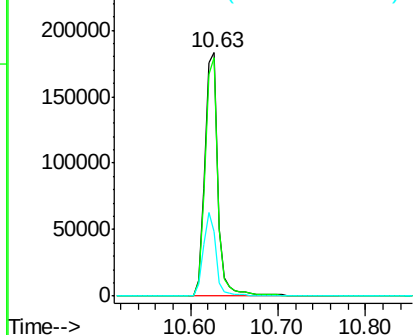


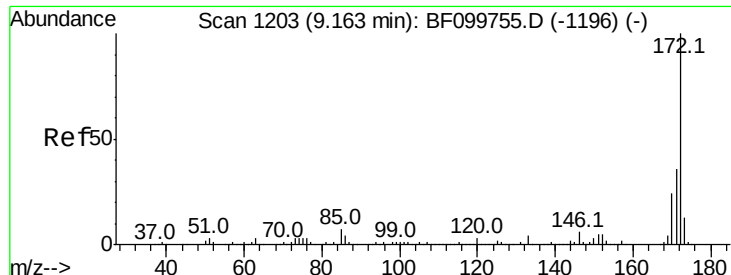
#41
2,4,6-Tribromophenol
Concen: 140.192 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

Tgt Ion:330 Resp: 193177
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.4 29.9 44.9



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



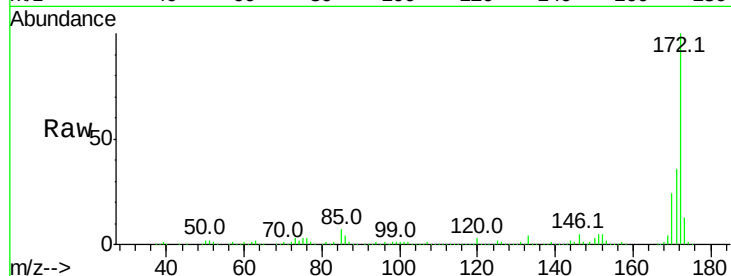


#44
 2-Fluorobiphenyl
 Concen: 108.311 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

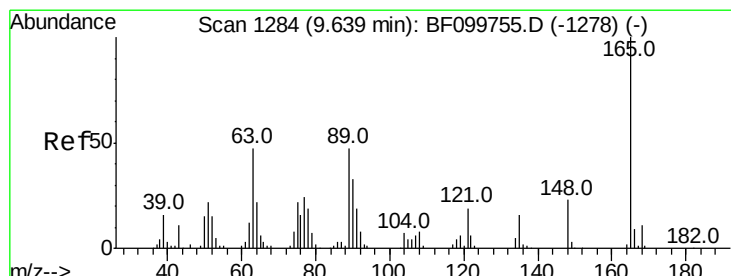
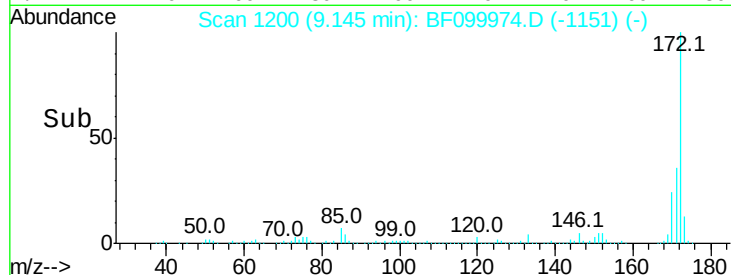
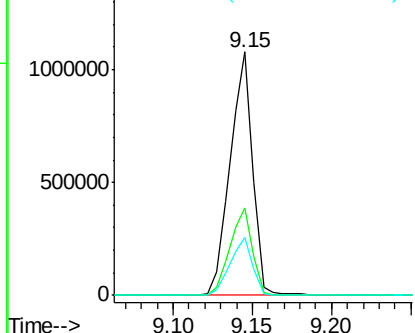
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1061493

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4



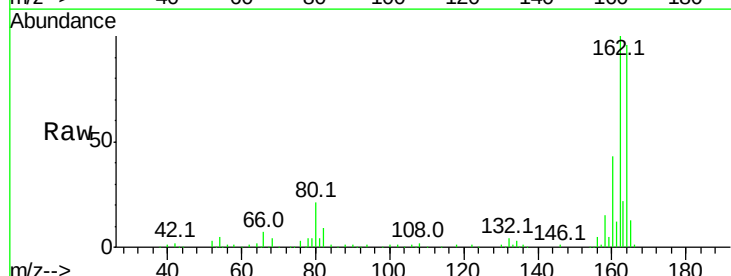
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



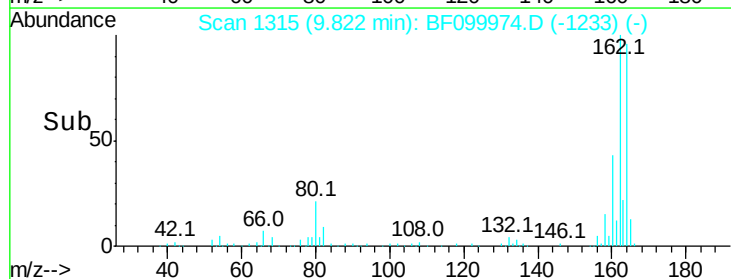
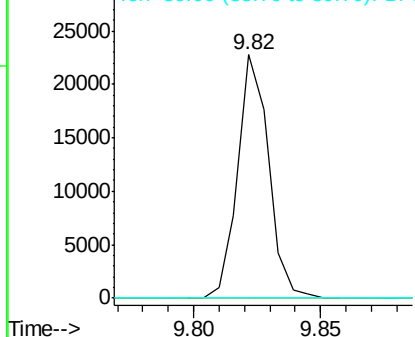
#50
 2,6-Dinitrotoluene
 Concen: 7.640 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

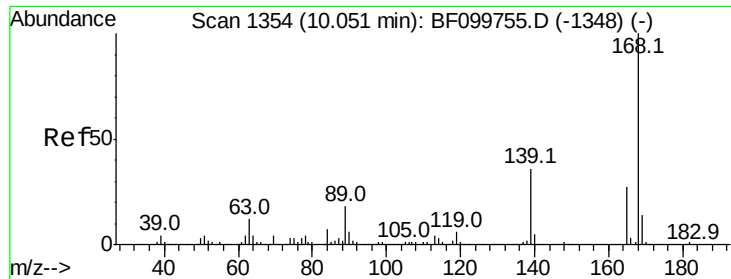
Tgt Ion:165 Resp: 19231

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

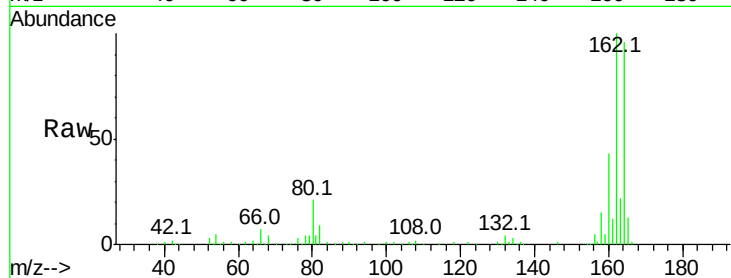




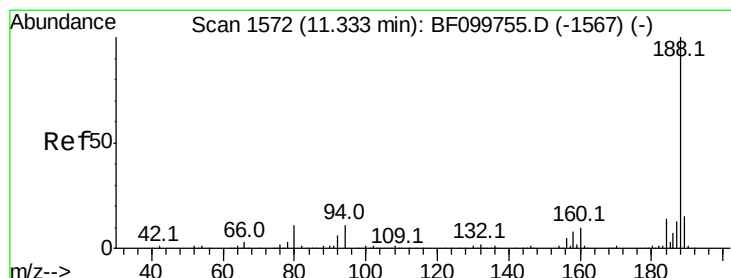
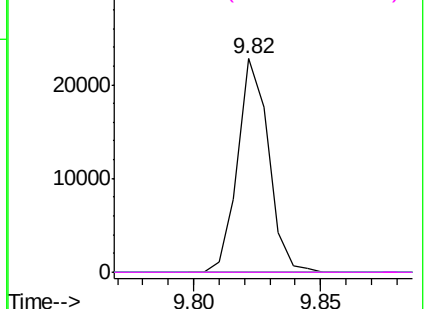
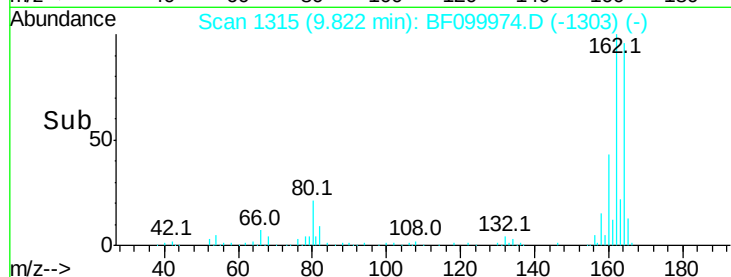
#56
 2,4-Dinitrotoluene
 Concen: 6.344 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19231
 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#

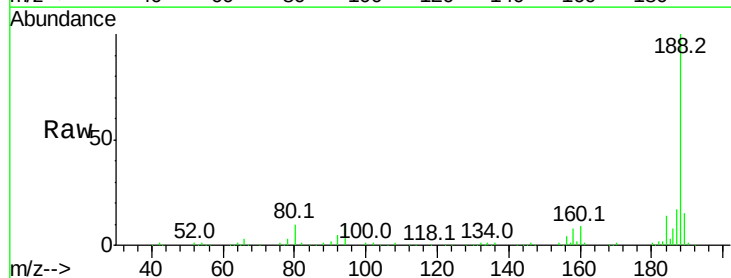


Abundance Ion 165.00 (164.70 to 165.70): E

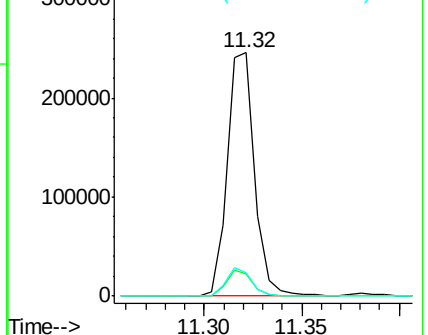
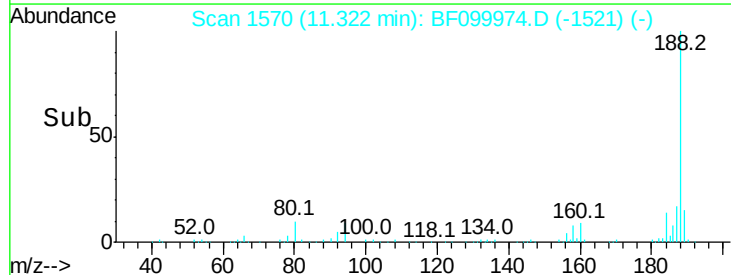


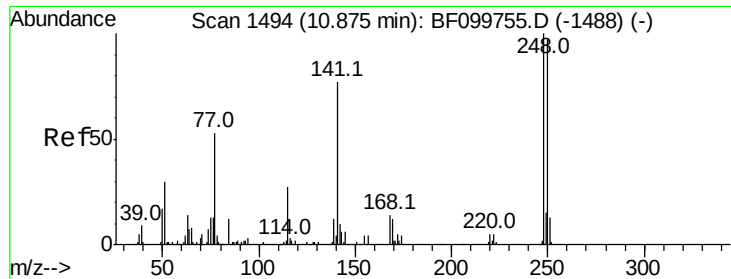
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Tgt Ion:188 Resp: 237286
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

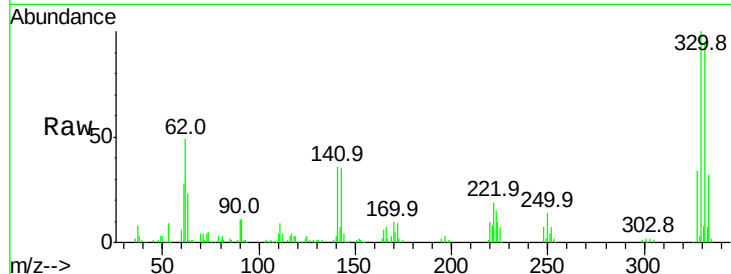




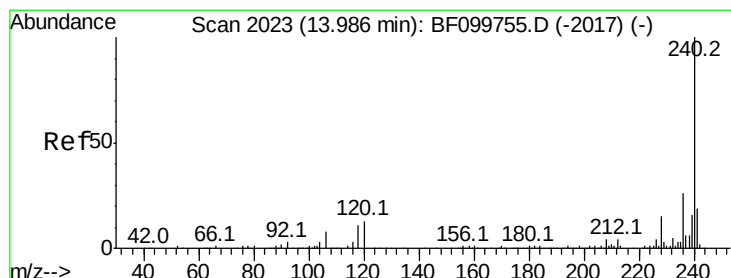
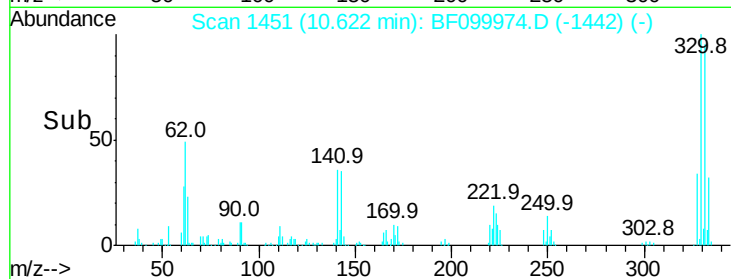
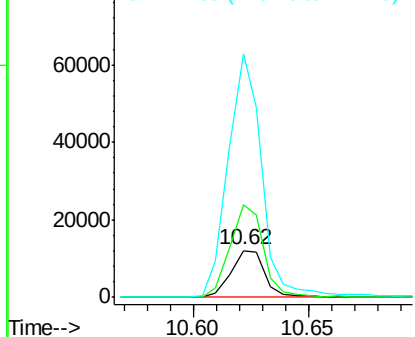
#66
 4-Bromophenyl-phenylether
 Concen: 4.932 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12321
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 517.3 74.4 111.6#

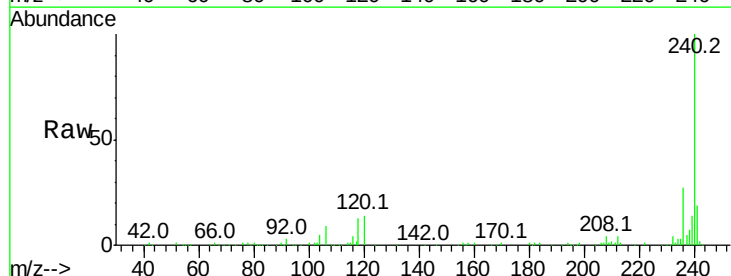


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

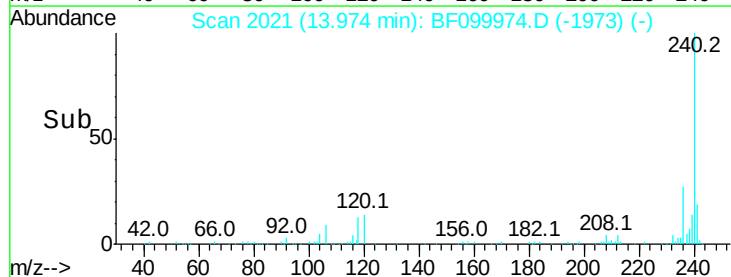
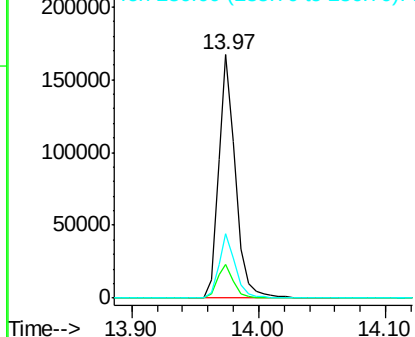


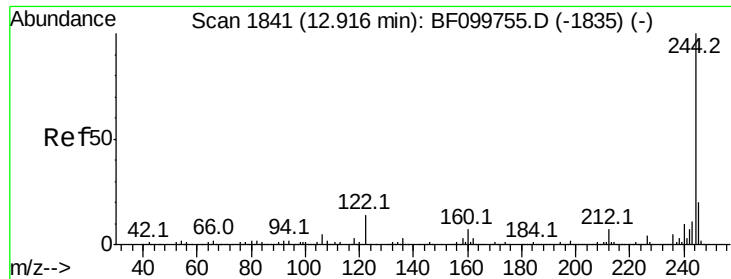
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Tgt Ion:240 Resp: 155579
 Ion Ratio Lower Upper
 240 100
 120 14.0 9.5 14.3
 236 26.5 20.7 31.1



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

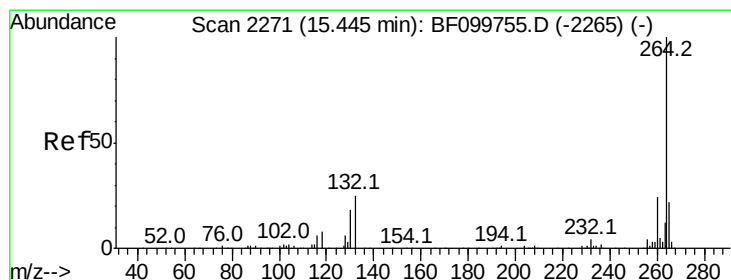
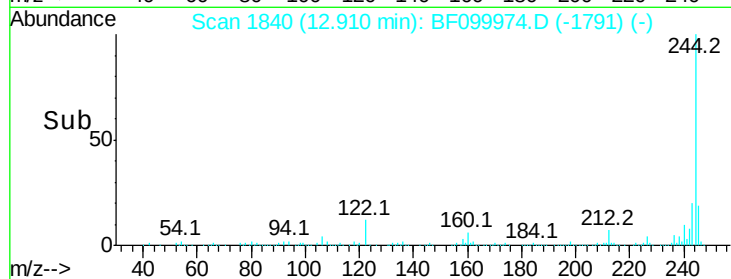
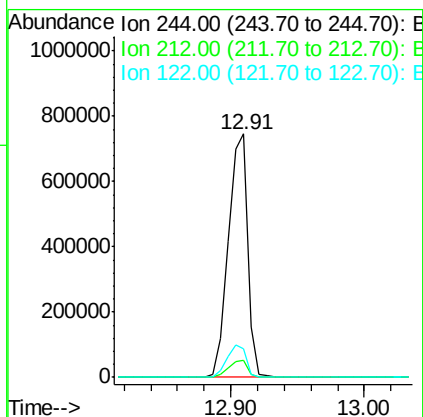
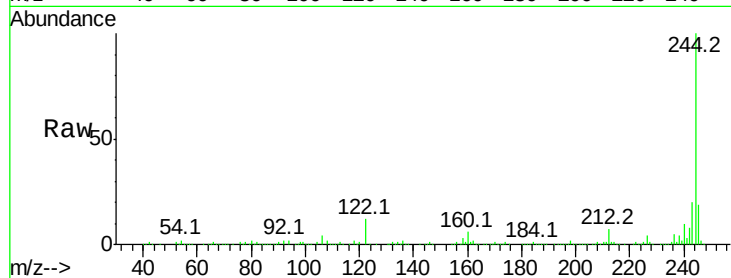




#78
 Terphenyl-d14
 Concen: 107.642 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 766312
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Tgt Ion:264 Resp: 140371
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 20.3 17.5 26.3

