

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099802.D
 Acq On : 24 Oct 2017 21:49
 Operator : SJ/JU
 Sample : I5956-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 07:39:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

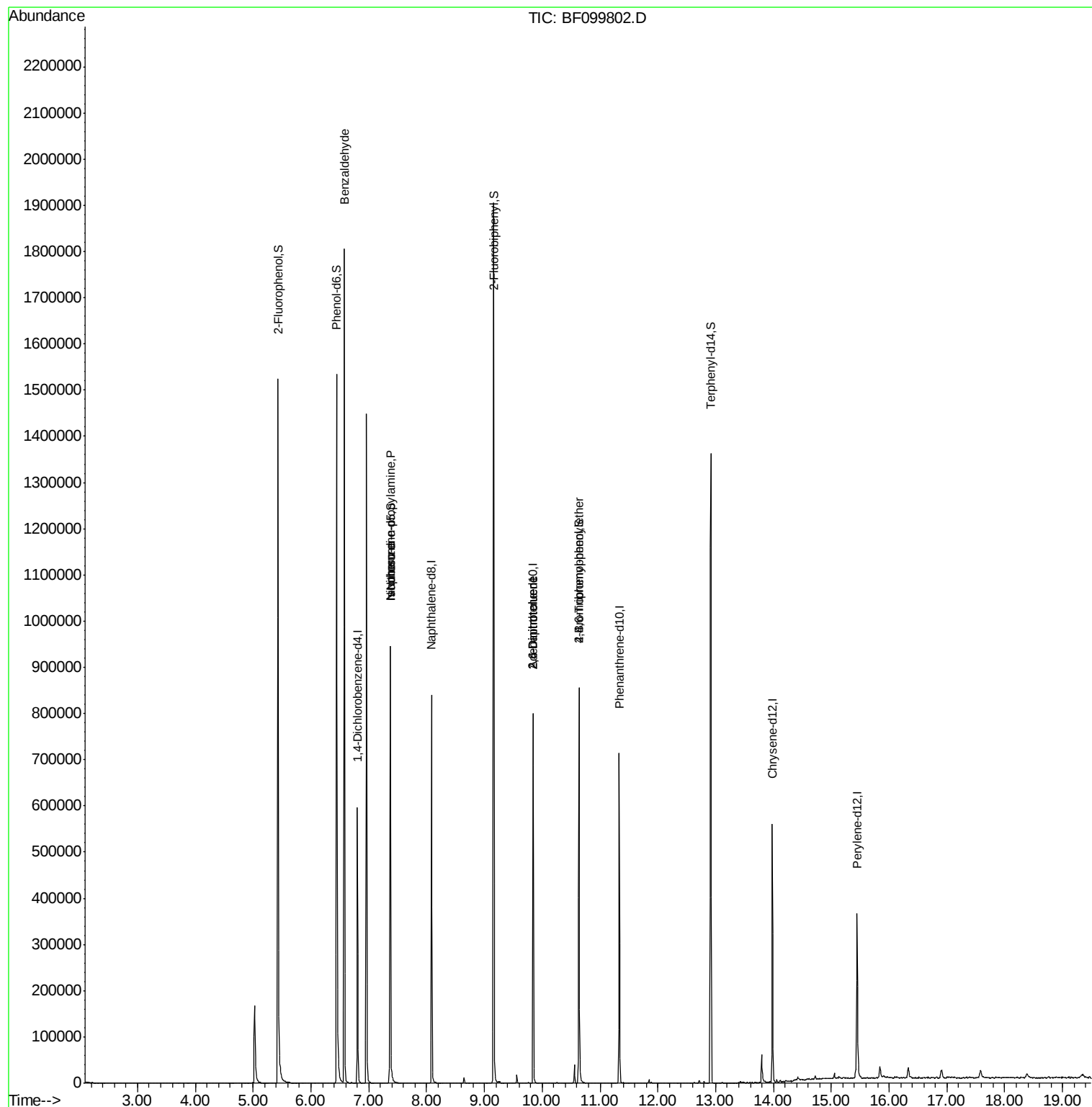
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95153	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	387010	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	163878	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	254586	20.00	ng	0.00
75) Chrysene-d12	13.98	240	177395	20.00	ng	0.00
86) Perylene-d12	15.45	264	170934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	509683	84.09	ng	0.00
7) Phenol-d6	6.45	99	594319	82.70	ng	0.00
23) Nitrobenzene-d5	7.37	82	332647	55.34	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	103175	69.09	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	658516	62.00	ng	0.00
78) Terphenyl-d14	12.92	244	429726	52.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	9428	2.20	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.37	70	40691	9.66	ng	# 69
25) Isophorone	7.37	82	332644	30.50	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	21373	7.83	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	21373	6.51	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	6769	2.53	ng	# 1

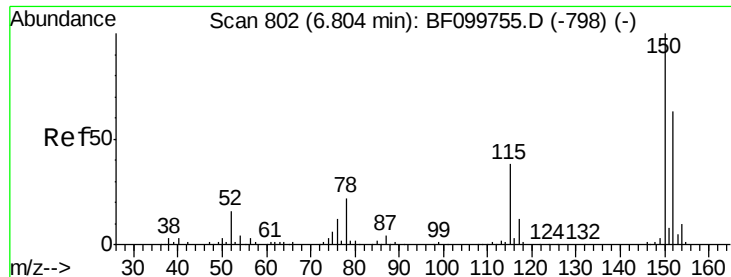
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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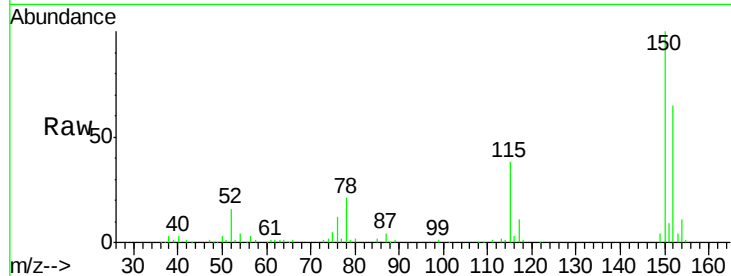


#1

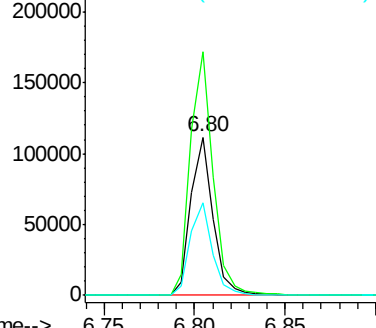
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :

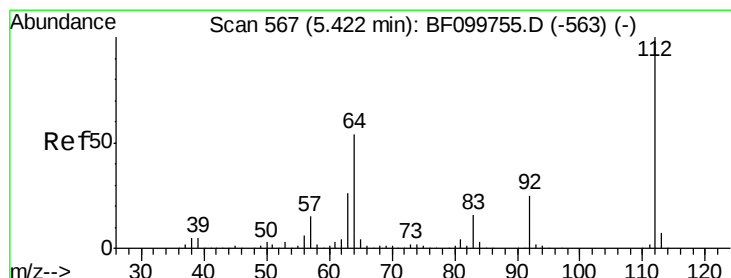
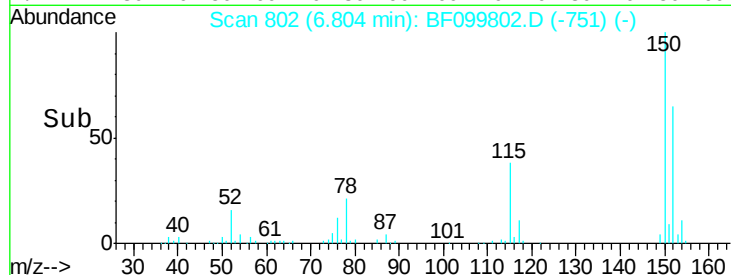
Tot Ion:152 Resp: 95153
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 58.6 50.1 75.1



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



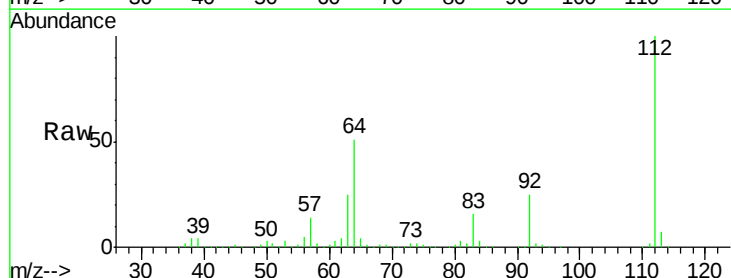
Time-->



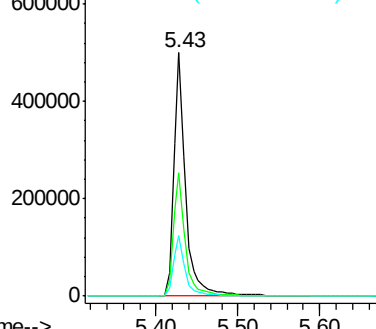
#5

2-Fluorophenol
Concen: 84.09 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

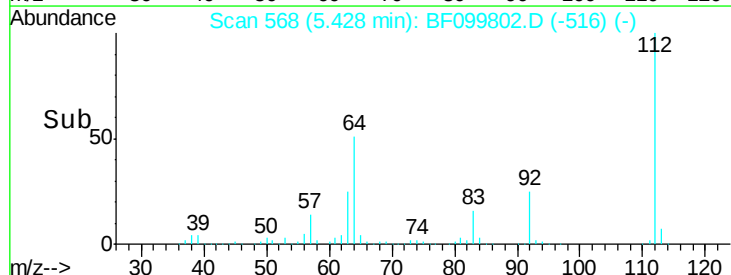
Tgt Ion:112 Resp: 509683
Ion Ratio Lower Upper
112 100
64 50.9 47.9 71.9
63 24.7 23.7 35.5

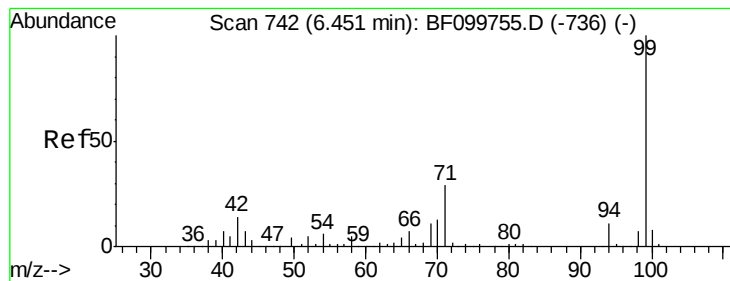


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 82.70 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099802.D

Acq: 24 Oct 2017 21:49

Instrument :

BNA_F

ClientSampleId :

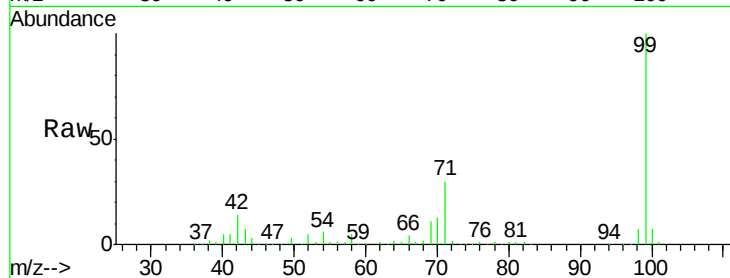
Tot Ion: 99 Resp: 594319

Ion Ratio Lower Upper

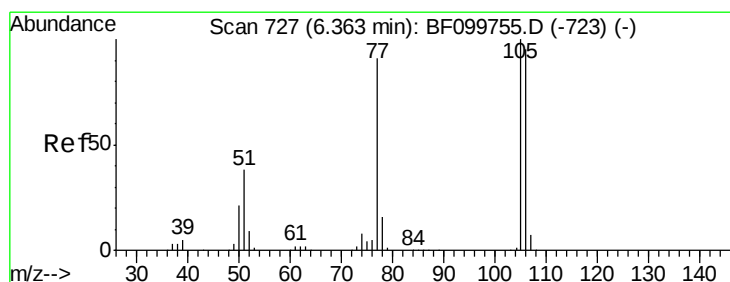
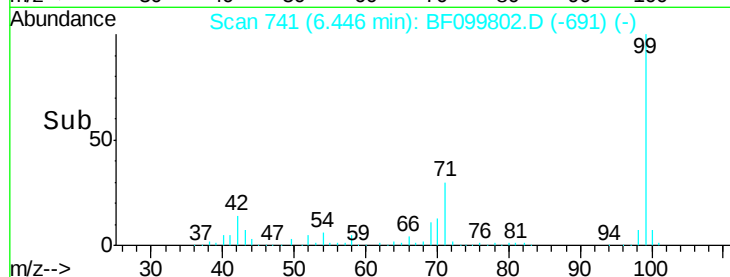
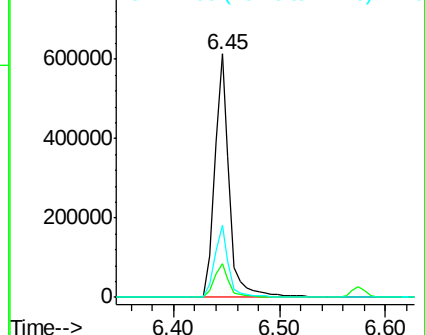
99 100

42 14.0 14.5 21.7#

71 29.8 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: 2.20 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

Lab File: BF099802.D

Acq: 24 Oct 2017 21:49

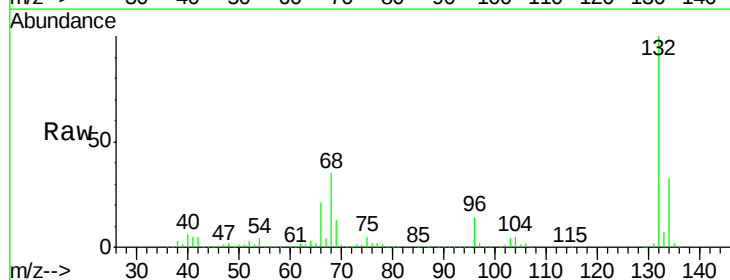
Tgt Ion: 77 Resp: 9428

Ion Ratio Lower Upper

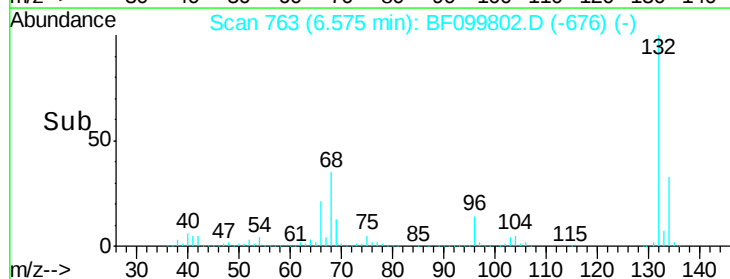
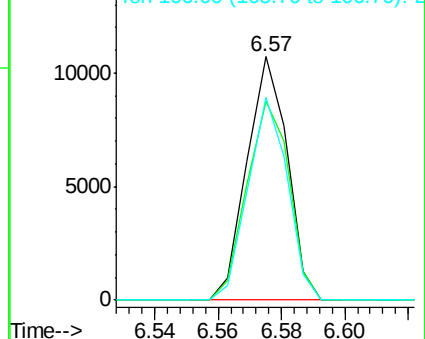
77 100

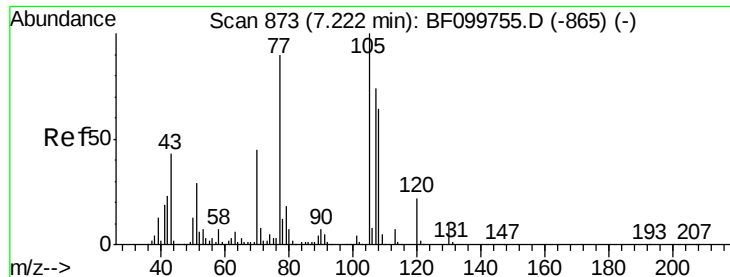
105 81.6 81.1 121.1

106 83.2 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

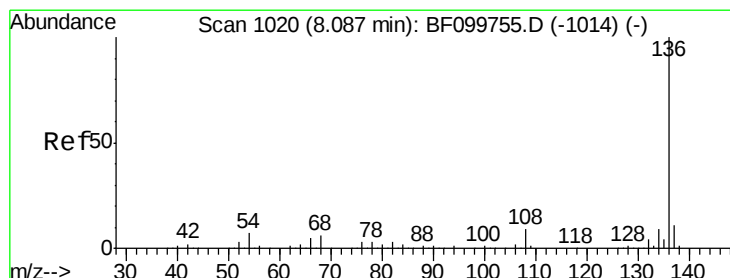
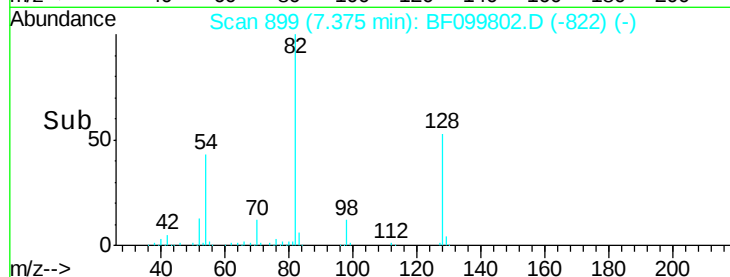
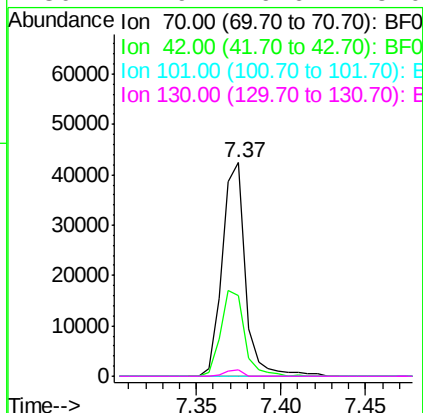
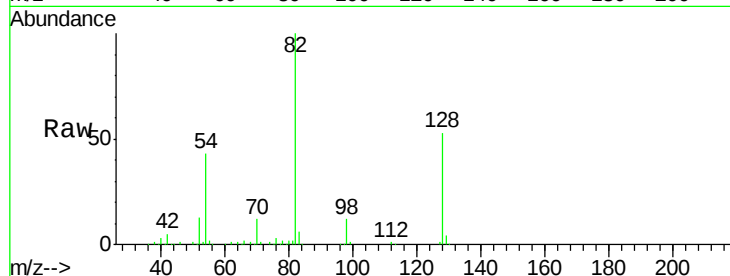




#19
n-Nitroso-di-n-propylamine
Concen: 9.66 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

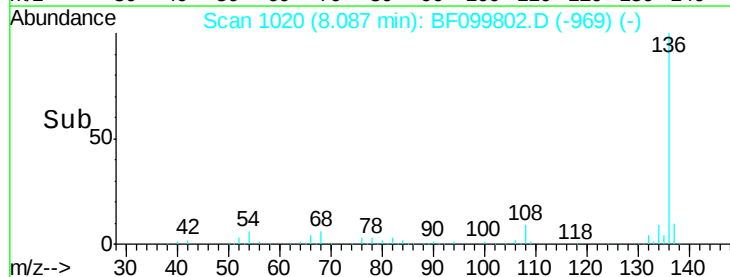
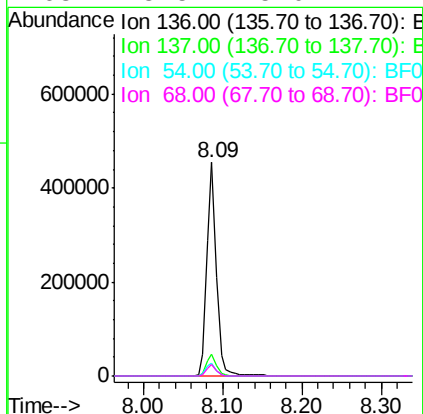
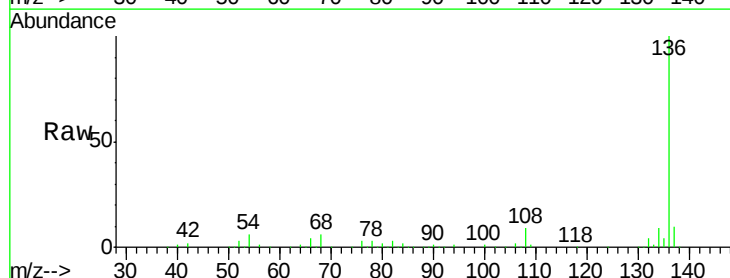
Instrument :
BNA_F
ClientSampleId :

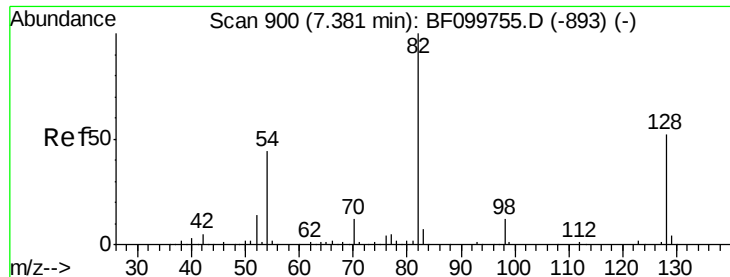
Tot Ion: 70 Resp: 40691
Ion Ratio Lower Upper
70 100
42 37.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Tgt Ion:136 Resp: 387010
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.1 6.6 9.8#
68 5.5 5.0 7.4

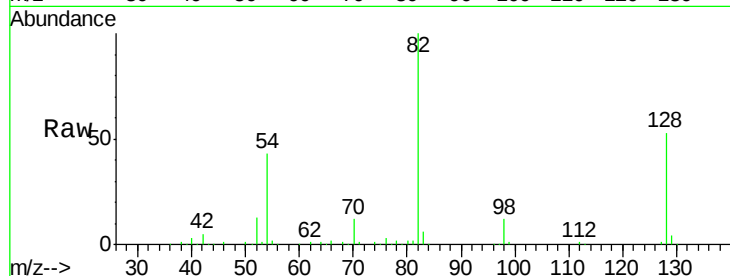




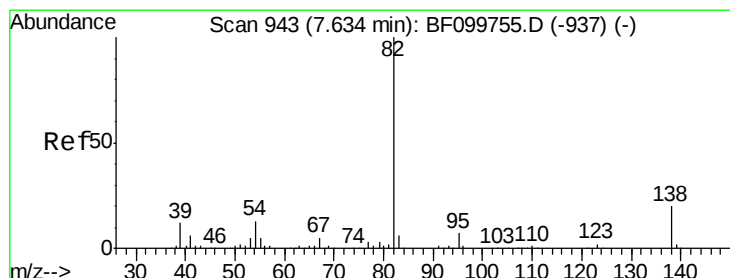
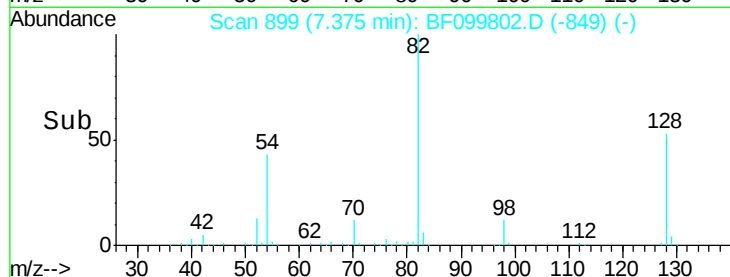
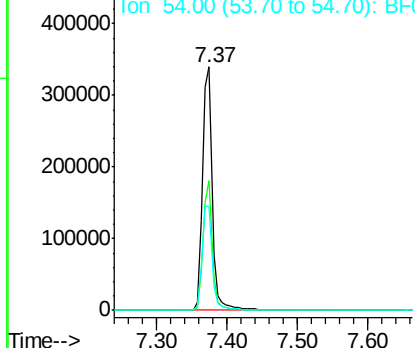
#23
 Nitrobenzene-d5
 Concen: 55.34 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 332647
 Ion Ratio Lower Upper
 82 100
 128 53.3 36.1 54.1
 54 42.5 41.4 62.2

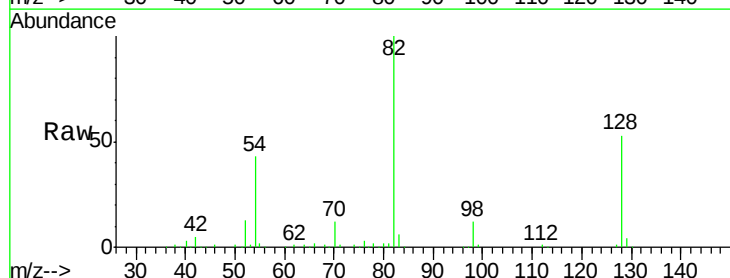


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

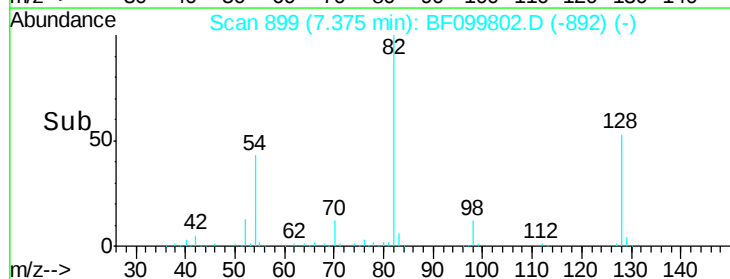
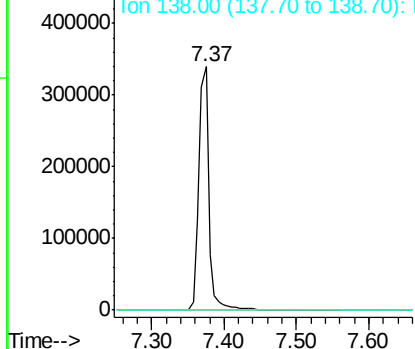


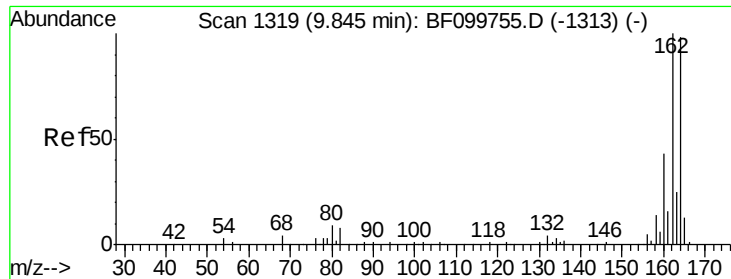
#25
 Isophorone
 Concen: 30.50 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Tgt Ion: 82 Resp: 332644
 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): BF0

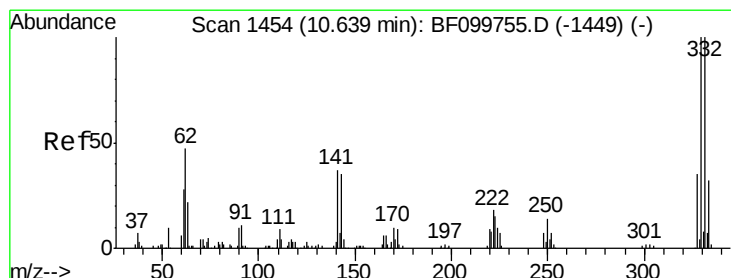
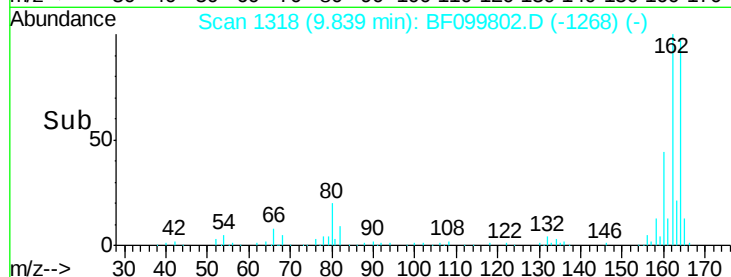
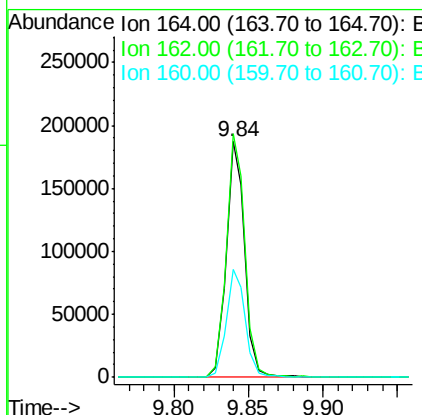
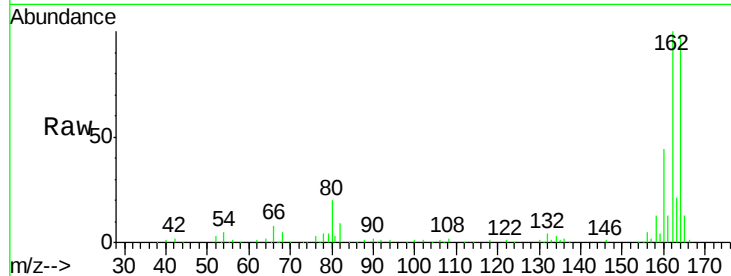




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

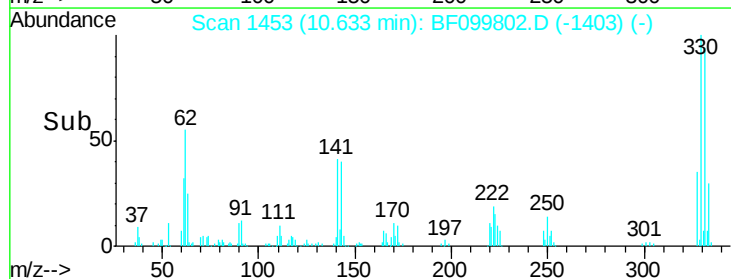
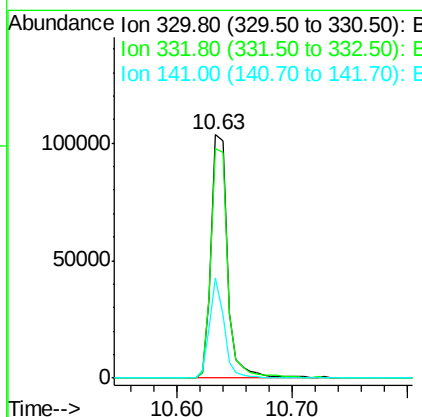
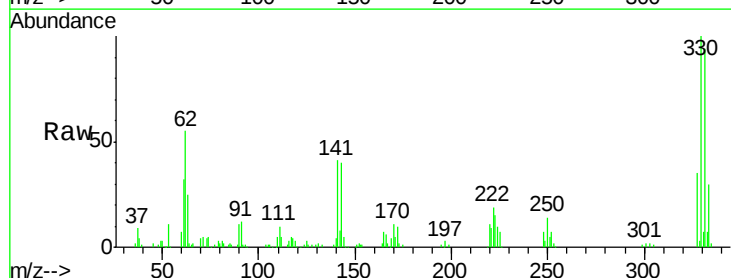
Instrument :
BNA_F
ClientSampleId :

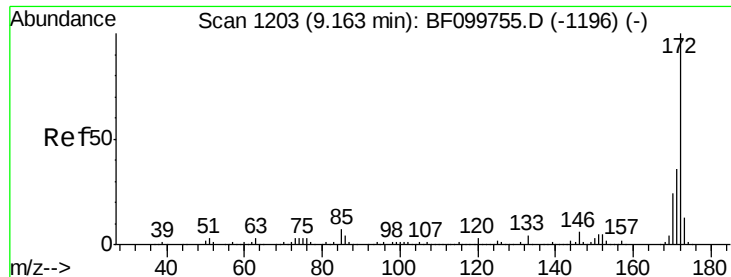
Tot Ion:164 Resp: 163878
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 69.09 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Tgt Ion:330 Resp: 103175
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 36.7 29.9 44.9

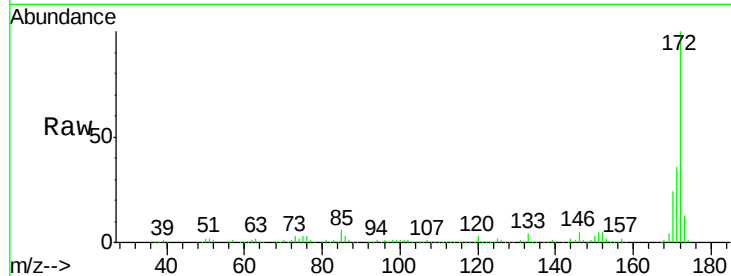




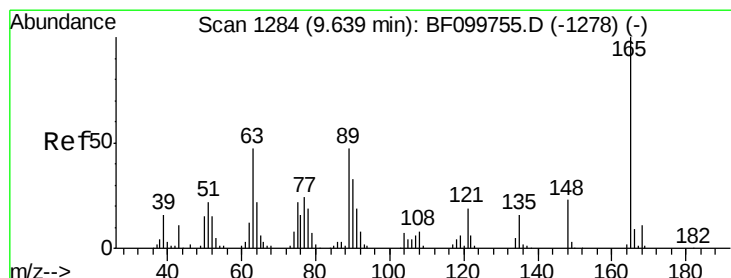
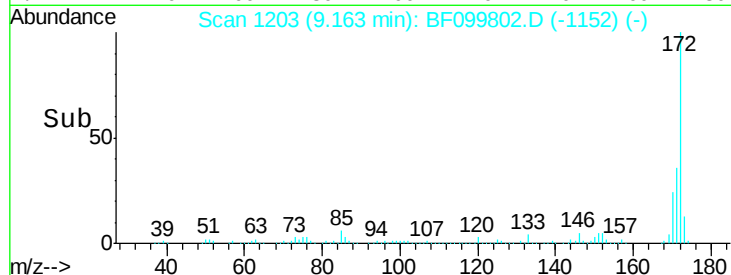
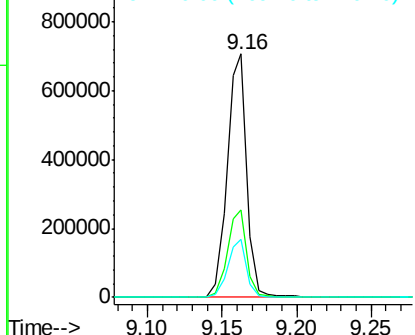
#44
 2-Fluorobiphenyl
 Concen: 62.00 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4

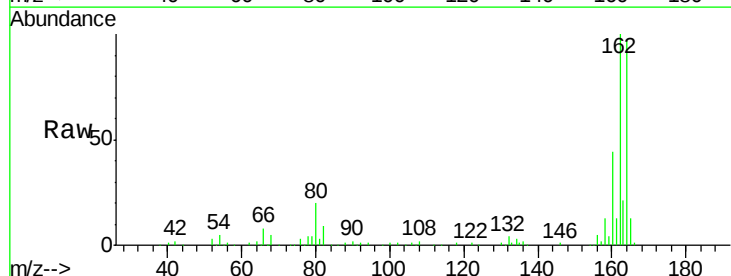


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

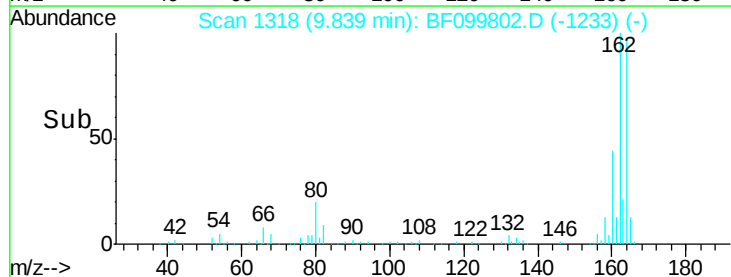
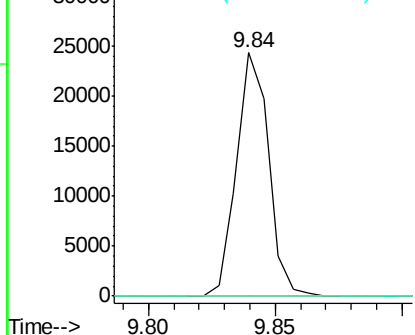


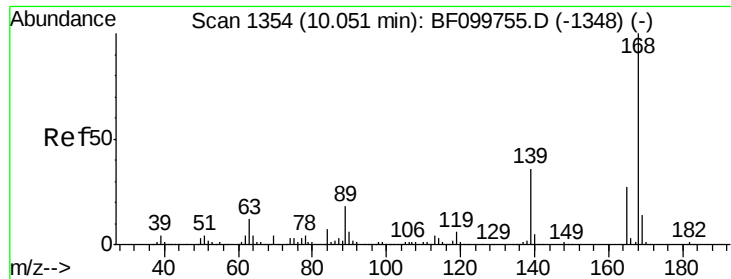
#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Tgt 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

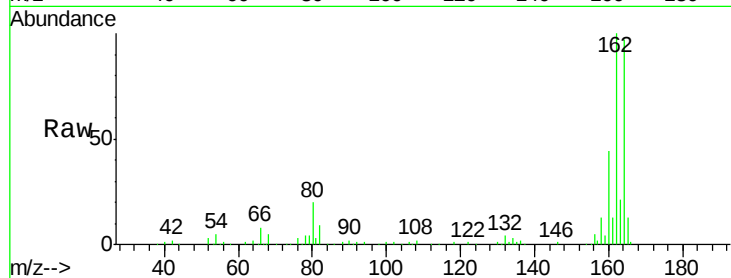




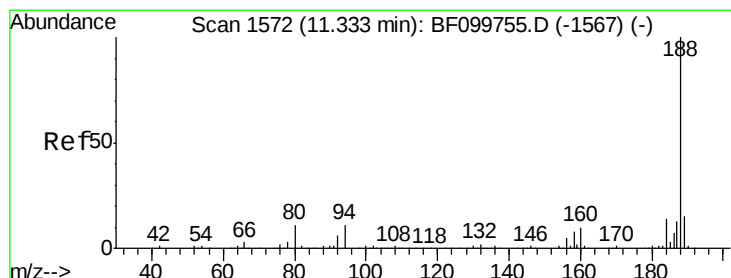
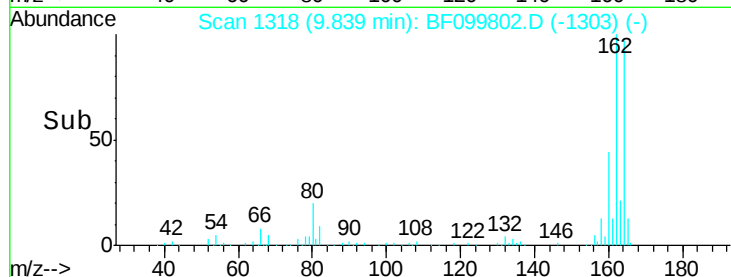
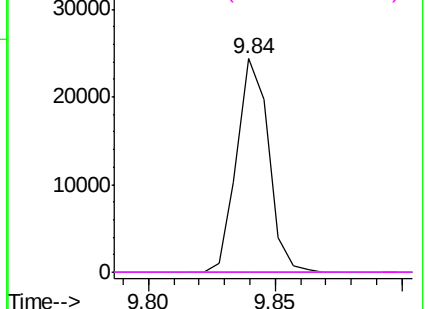
#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21373
 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#

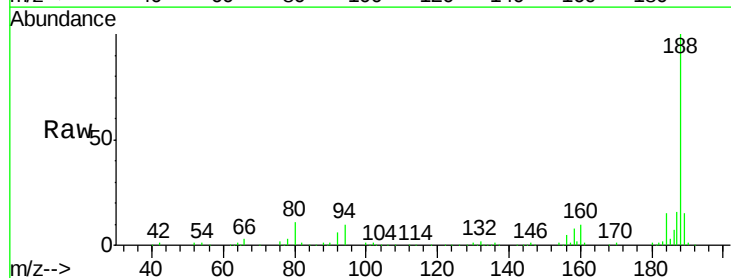


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

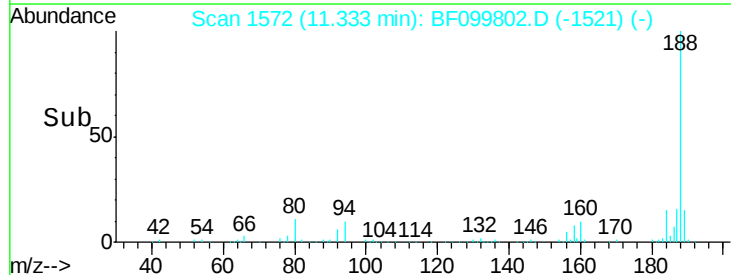
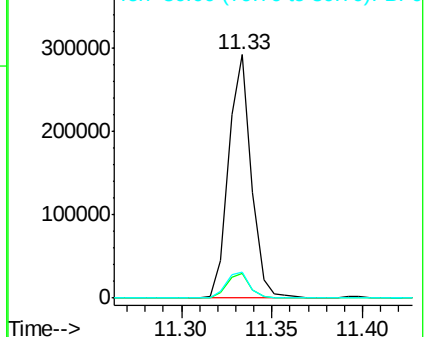


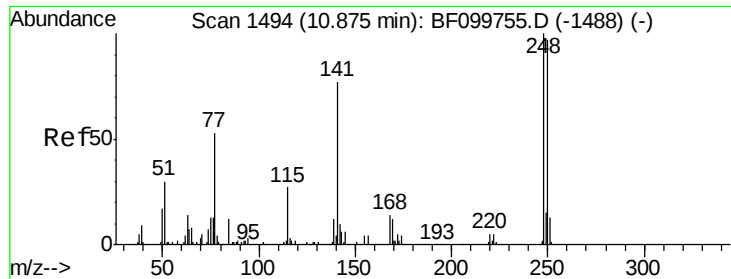
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Tgt Ion:188 Resp: 254586
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.6 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

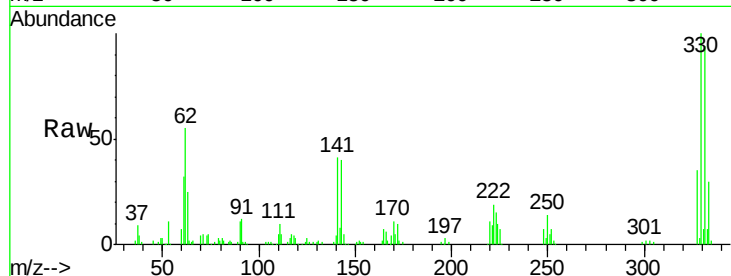




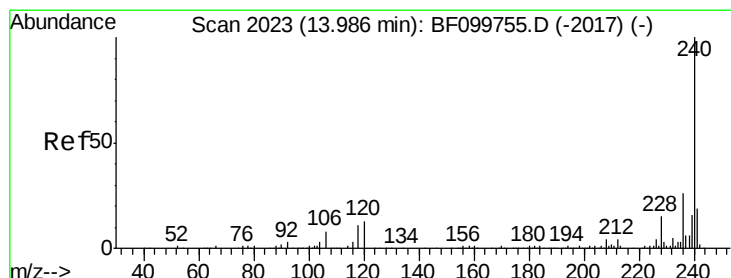
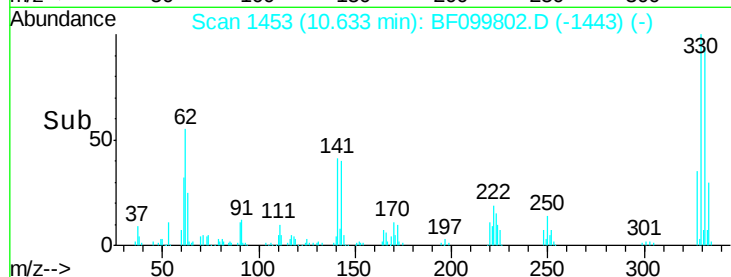
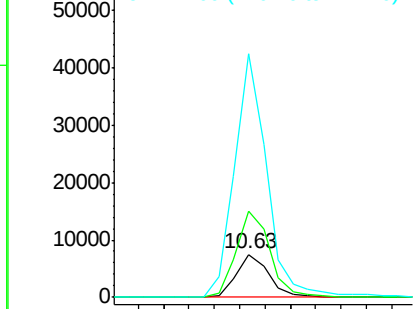
#66
4-Bromophenyl-phenylether
Concen: 2.53 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6769
Ion Ratio Lower Upper
248 100
250 200.5 76.9 115.3#
141 567.7 74.4 111.6#

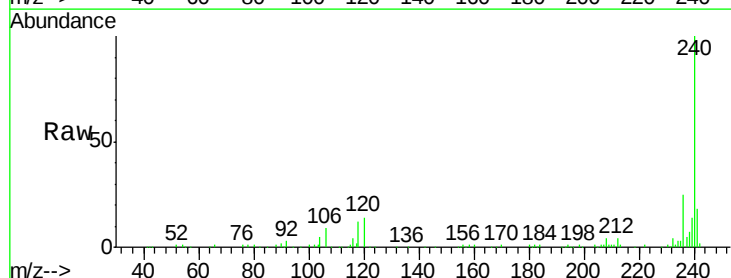


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

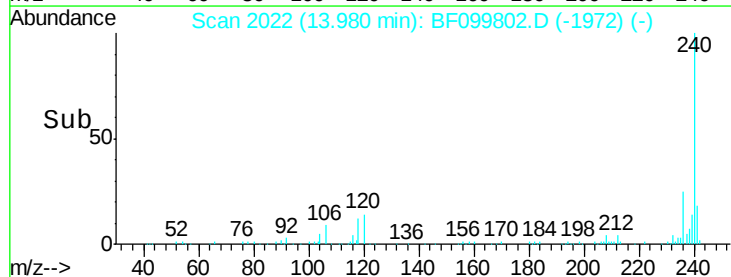
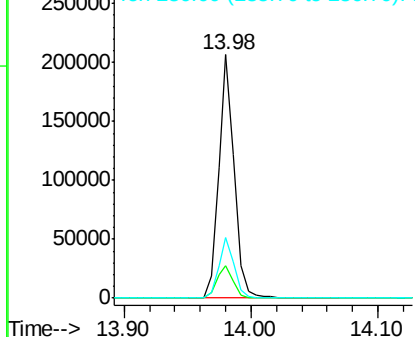


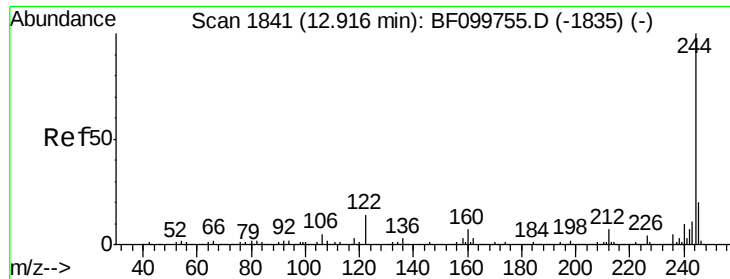
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Tgt Ion:240 Resp: 177395
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.0 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

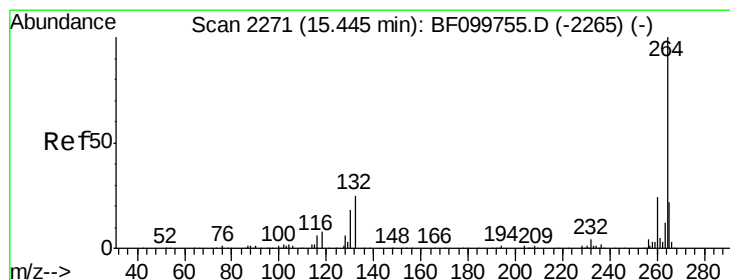
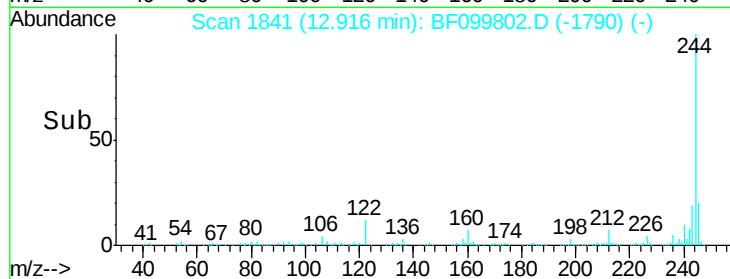
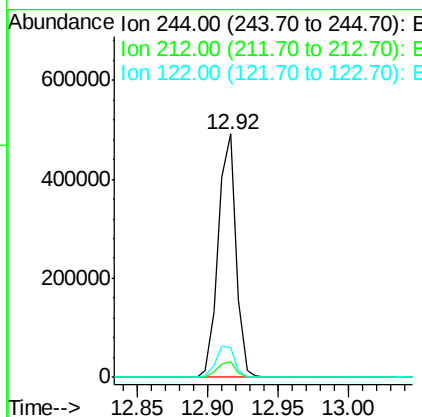
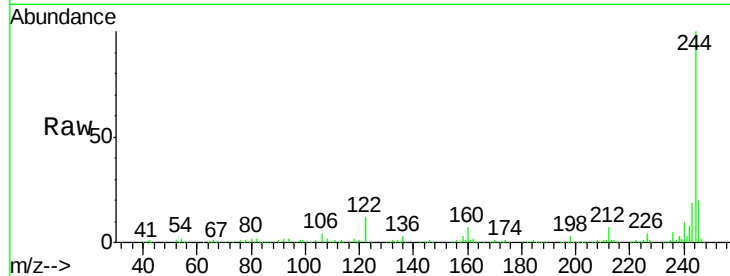




#78
 Terphenyl-d14
 Concen: 52.94 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 429726
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Tgt Ion:264 Resp: 170934
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.8 17.5 26.3

