

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099766.D
 Acq On : 23 Oct 2017 18:35
 Operator : SJ/JU
 Sample : PB103538TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103538TB

Quant Time: Oct 23 23:30:11 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 15:08:33 2017
 Response via : Initial Calibration

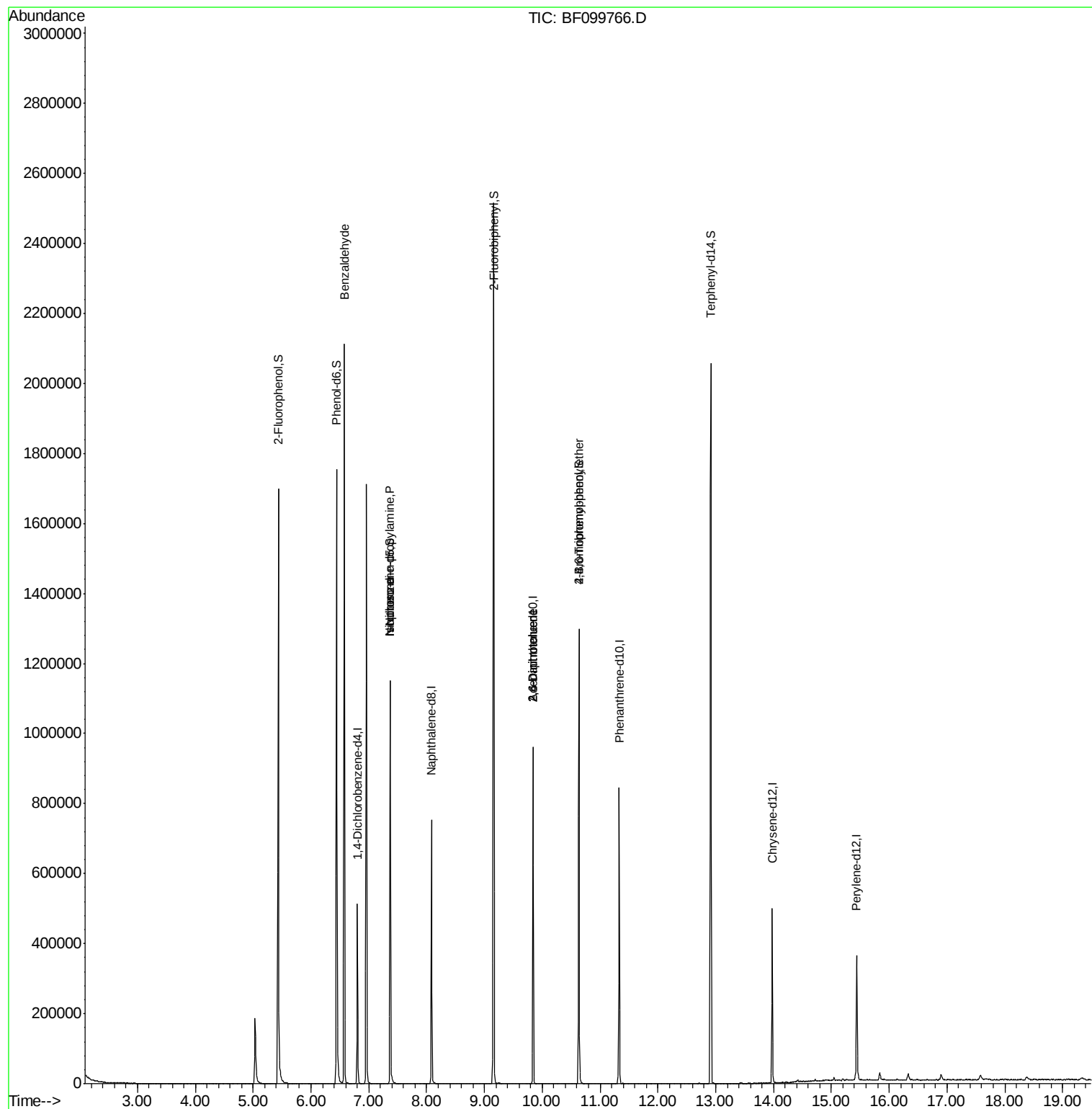
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	91935	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	388988	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	183791	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	313124	20.00	ng	0.00
75) Chrysene-d12	13.97	240	167648	20.00	ng	-0.01
86) Perylene-d12	15.44	264	167403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	596380	101.84	ng	0.01
7) Phenol-d6	6.45	99	704090	101.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	414295	68.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	155050	92.57	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	874661	73.42	ng	0.00
78) Terphenyl-d14	12.92	244	670120	87.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	10884	2.62	ng	88
19) n-Nitroso-di-n-propylamine	7.37	70	52203	12.83	ng	# 72
25) Isophorone	7.37	82	414291	37.79	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	23438	7.66	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	23438	6.36	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	10516	3.19	ng	# 1

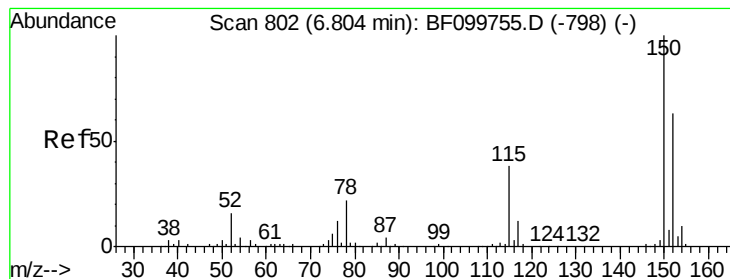
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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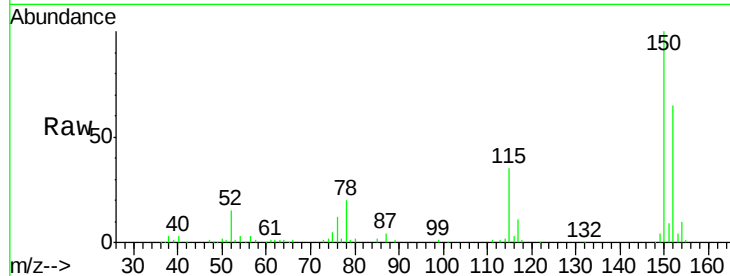




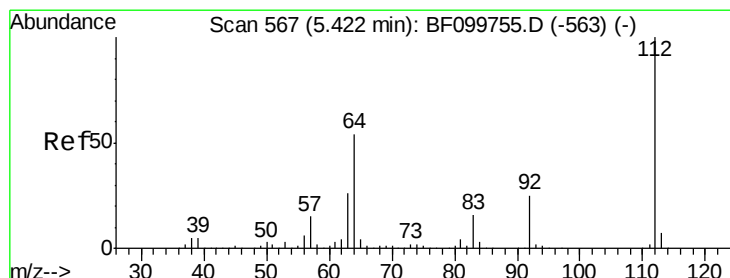
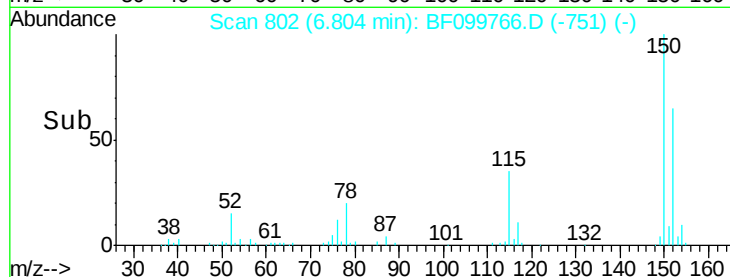
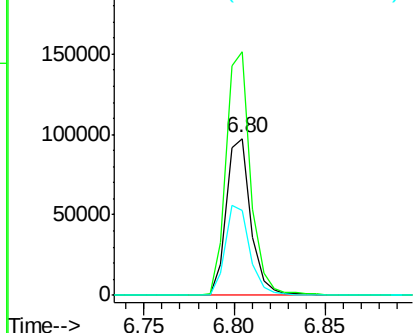
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103538TB

Tot Ion:152 Resp: 91935
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 54.0 50.1 75.1

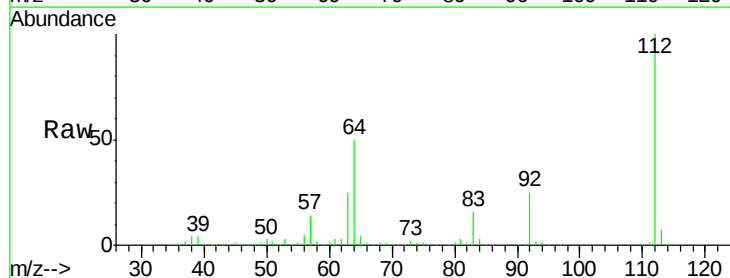


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

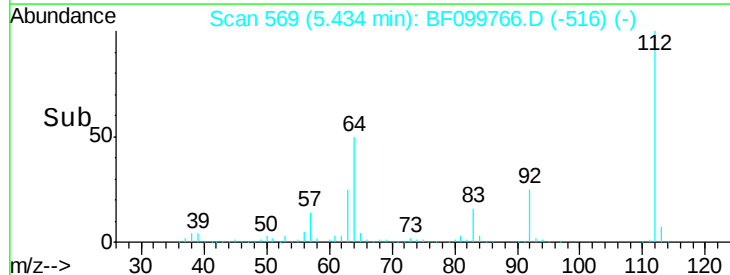
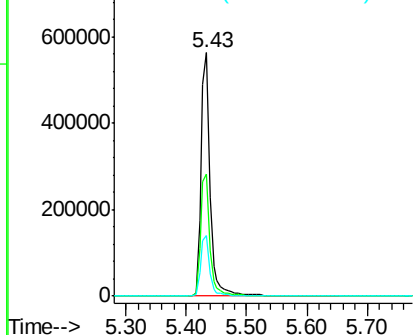


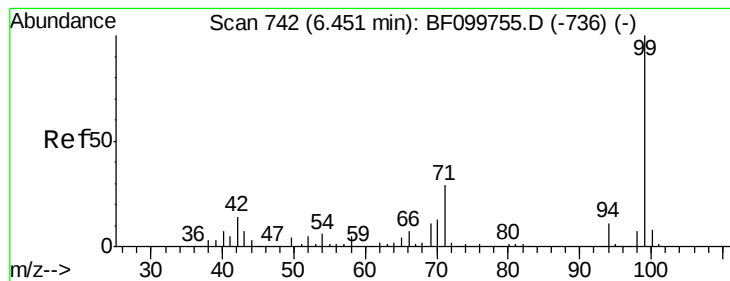
#5
 2-Fluorophenol
 Concen: 101.84 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Tgt Ion:112 Resp: 596380
 Ion Ratio Lower Upper
 112 100
 64 50.2 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





#7

Phenol-d6

Concen: 101.40 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099766.D

Acq: 23 Oct 2017 18:35

Instrument :

BNA_F

ClientSampleId :

PB103538TB

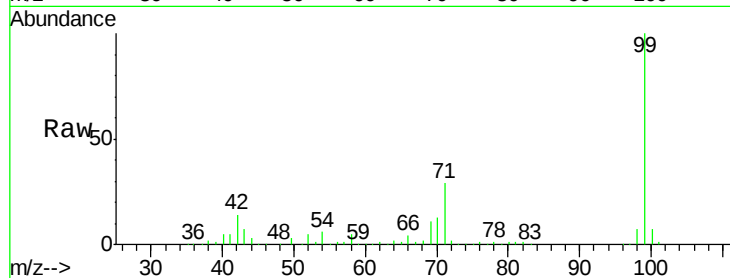
Tot Ion: 99 Resp: 704090

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

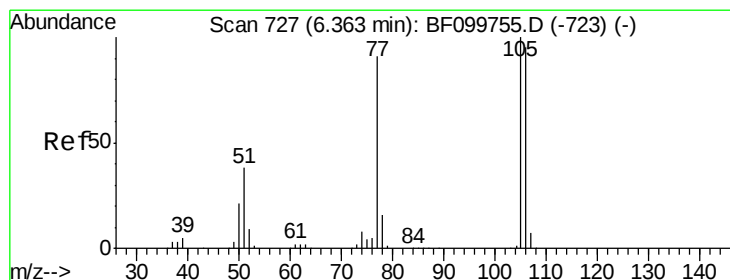
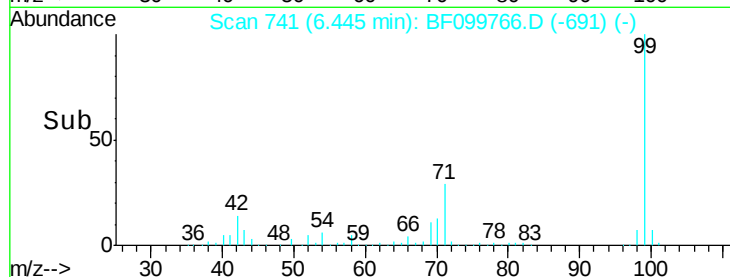
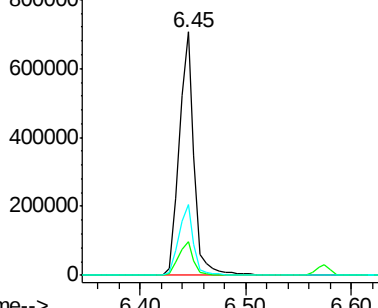
71 29.3 25.4 38.0



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: 2.62 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

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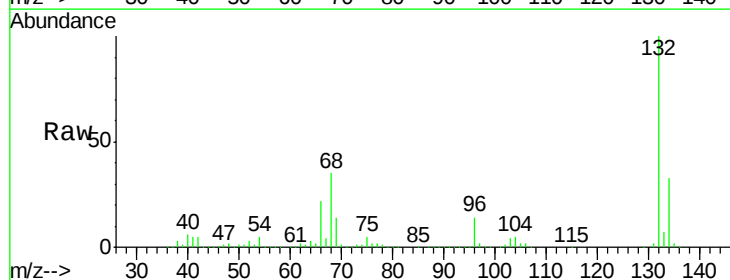
Tgt Ion: 77 Resp: 10884

Ion Ratio Lower Upper

77 100

105 89.9 81.1 121.1

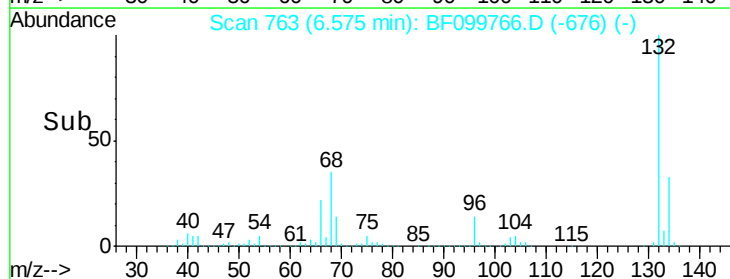
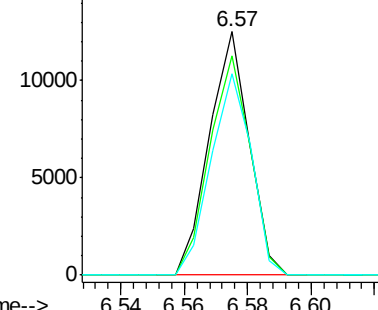
106 82.5 74.5 114.5

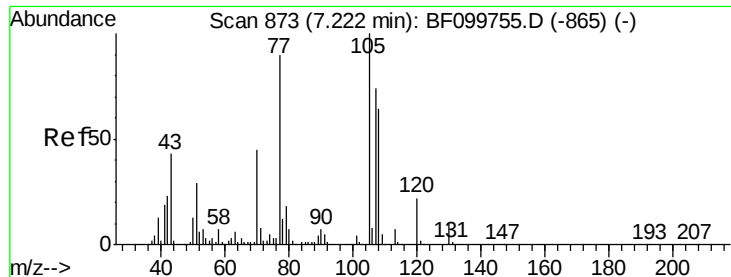


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

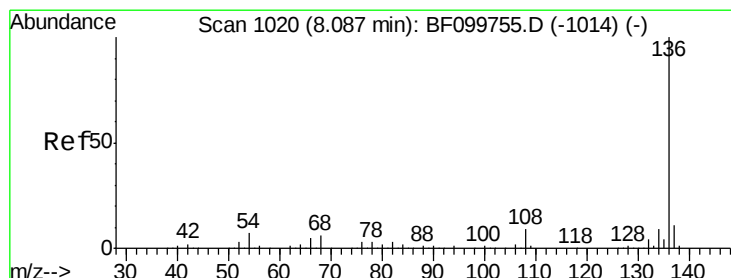
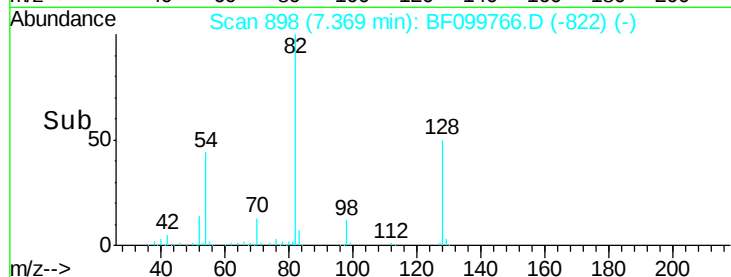
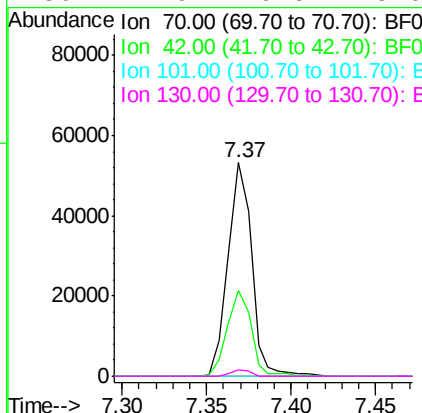
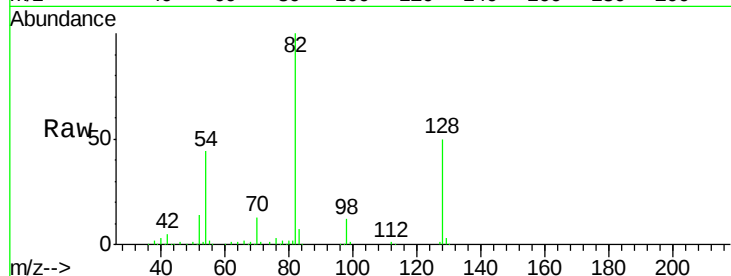




#19
n-Nitroso-di-n-propylamine
Concen: 12.83 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

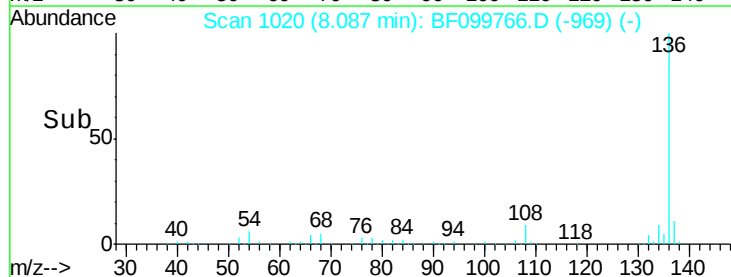
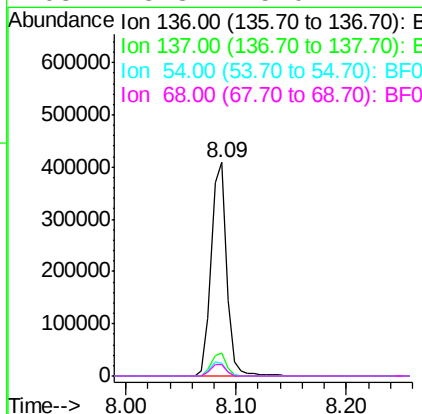
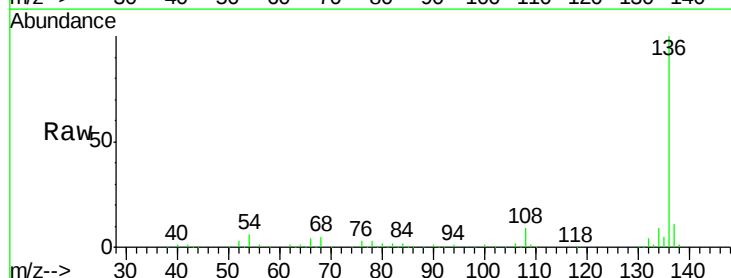
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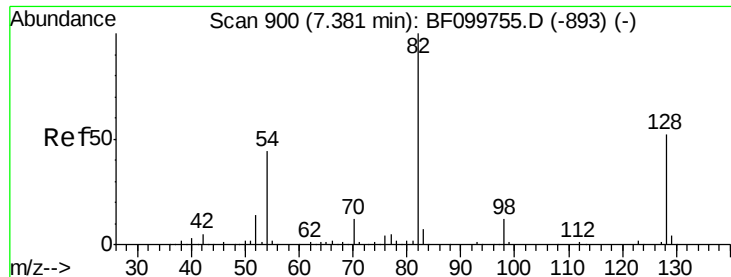
Tot Ion: 70 Resp: 52203
Ion Ratio Lower Upper
70 100
42 40.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Tgt Ion: 136 Resp: 388988
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.0 6.6 9.8#
68 5.3 5.0 7.4

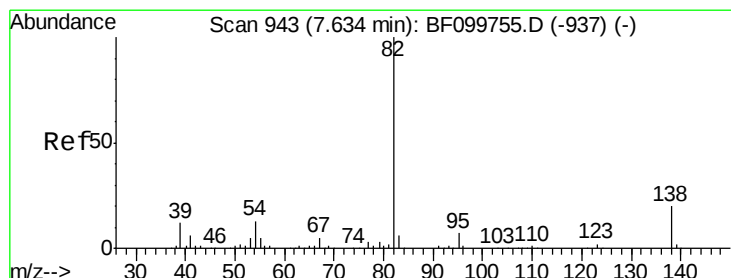
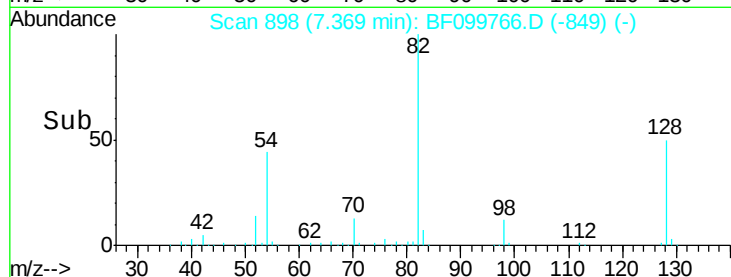
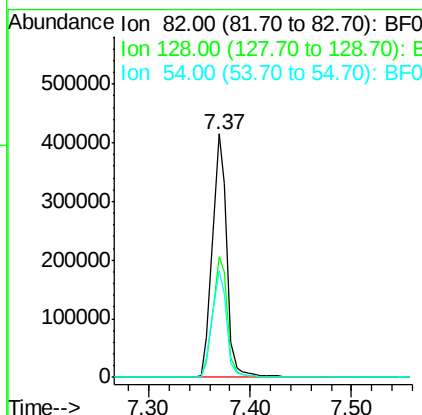
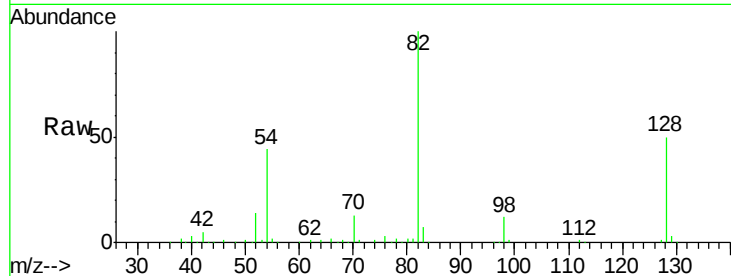




#23
Nitrobenzene-d5
Concen: 68.57 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

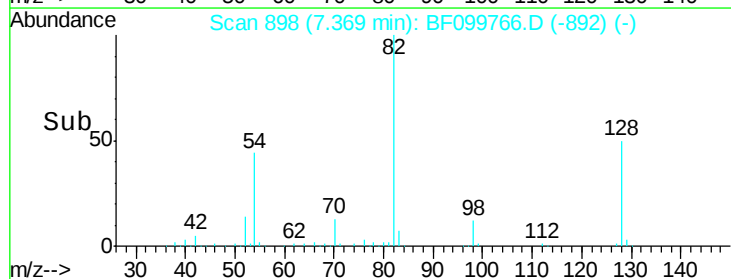
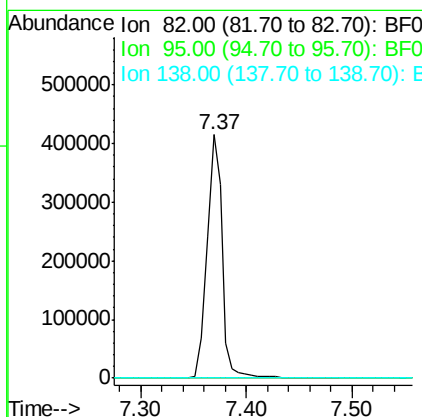
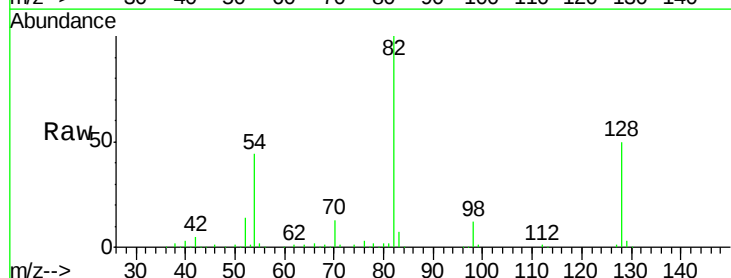
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ClientSampleId :
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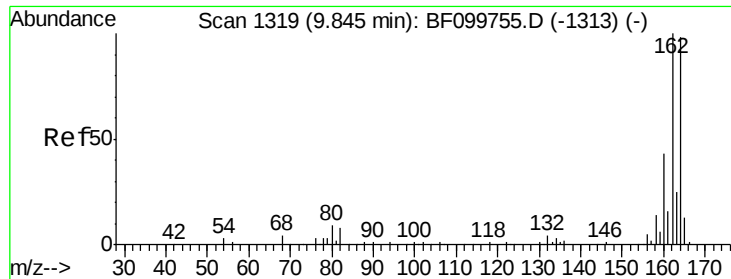
Tot Ion: 82 Resp: 414295
Ion Ratio Lower Upper
82 100
128 49.6 36.1 54.1
54 43.8 41.4 62.2



#25
Isophorone
Concen: 37.79 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Tgt Ion: 82 Resp: 414291
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

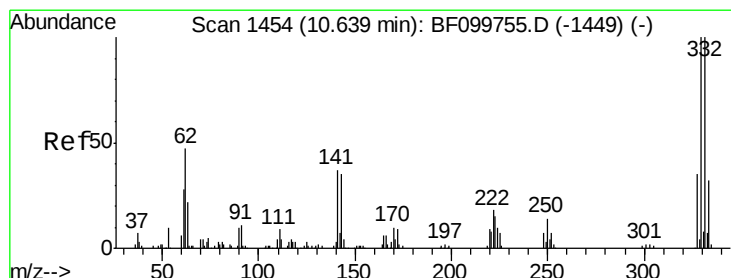
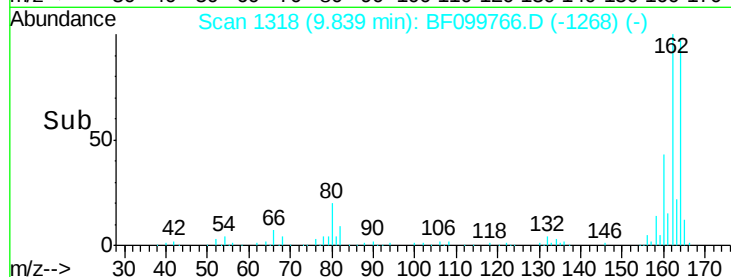
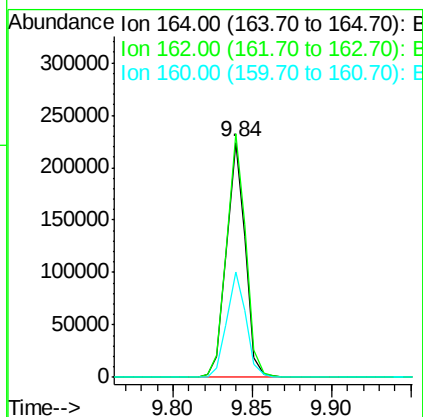
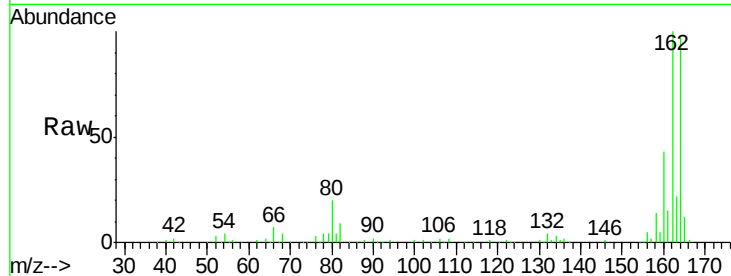




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

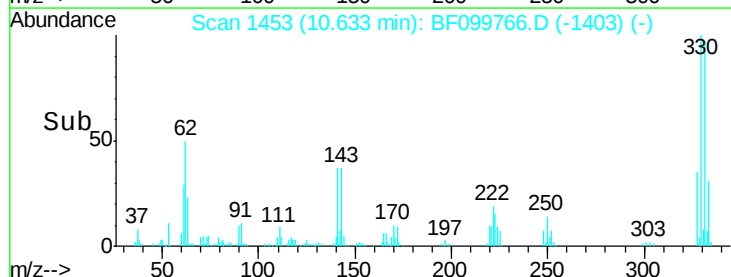
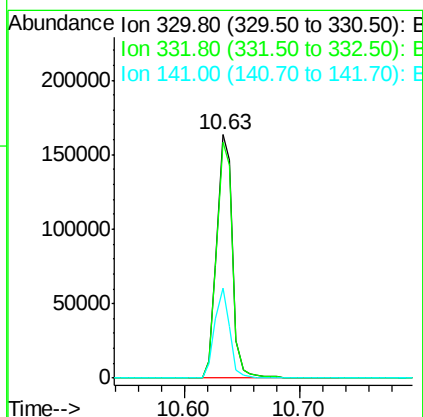
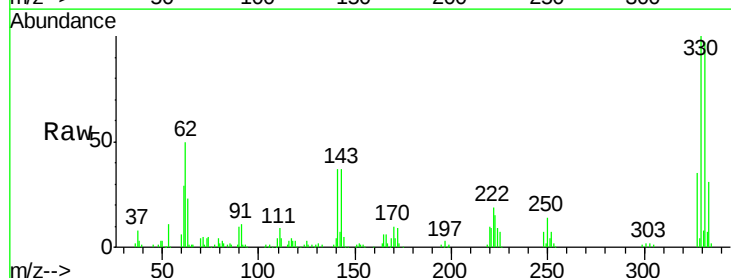
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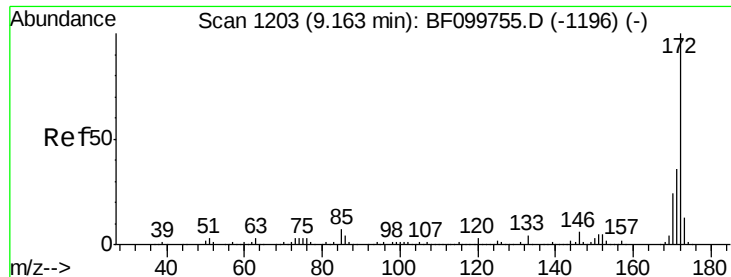
Tot Ion:164 Resp: 183791
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 44.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 92.57 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Tgt Ion:330 Resp: 155050
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 35.0 29.9 44.9

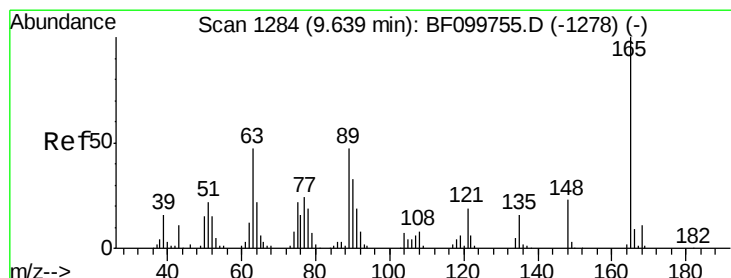
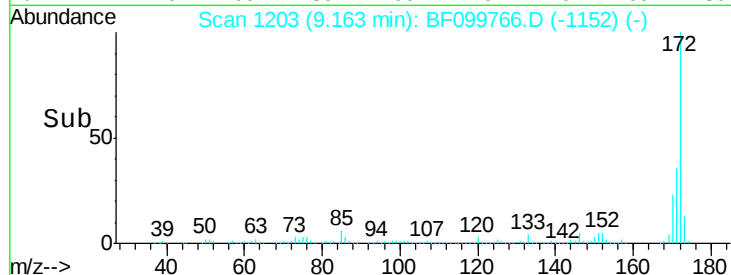
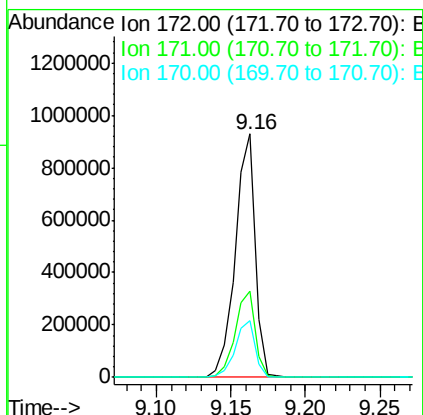
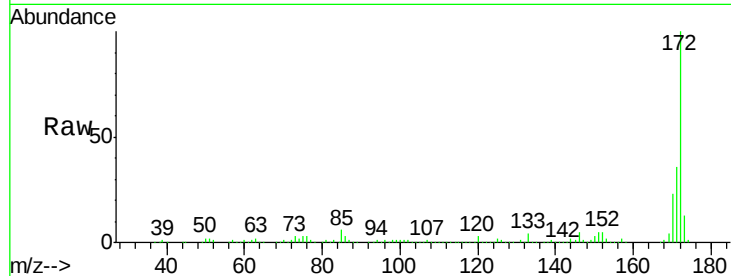




#44
 2-Fluorobiphenyl
 Concen: 73.42 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

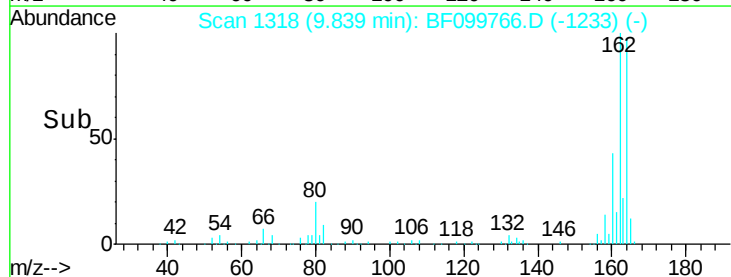
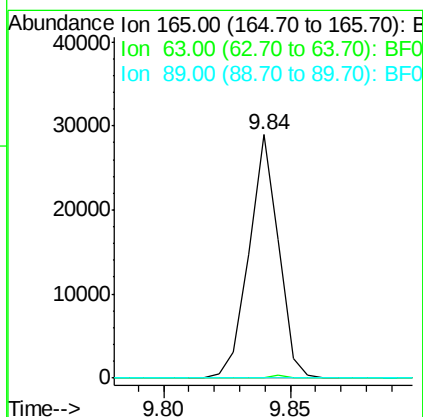
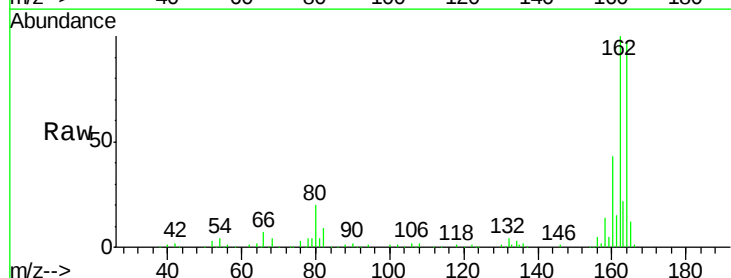
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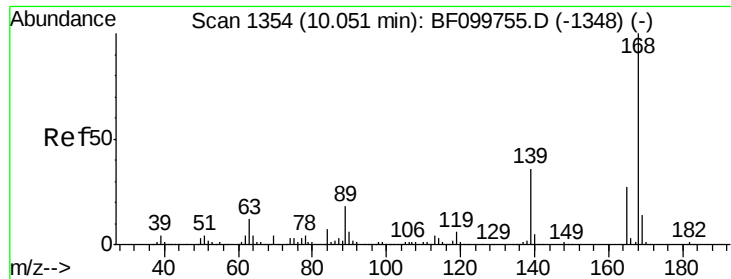
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.3	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF099766.D
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

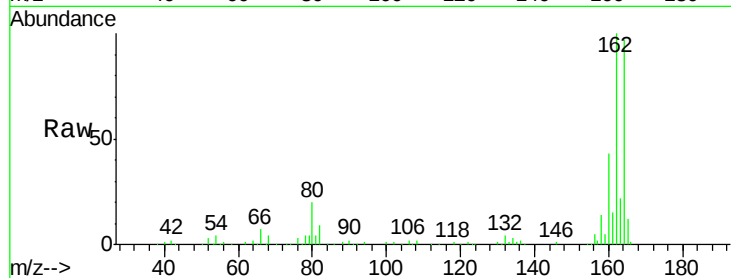




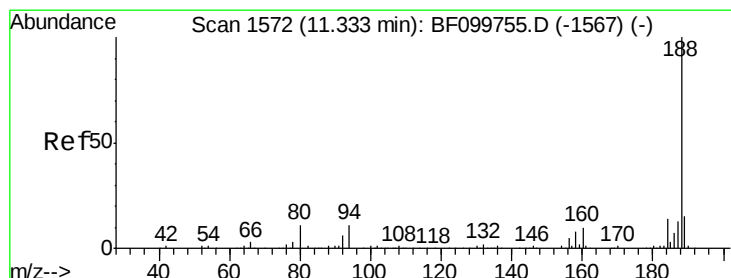
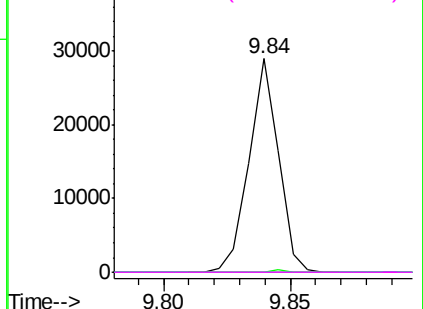
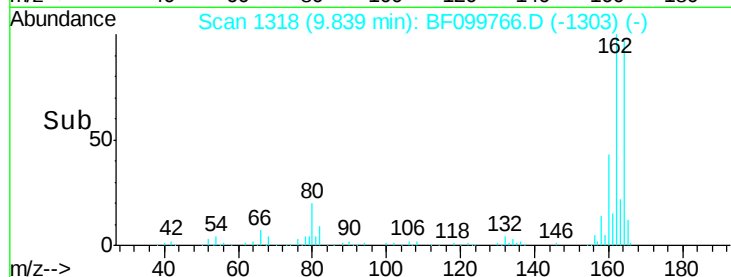
#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103538TB

Tot Ion:165 Resp: 23438
 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#

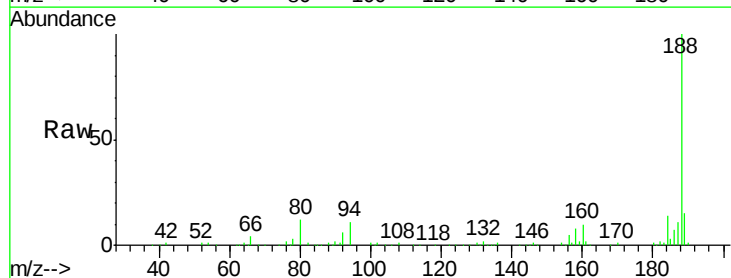


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

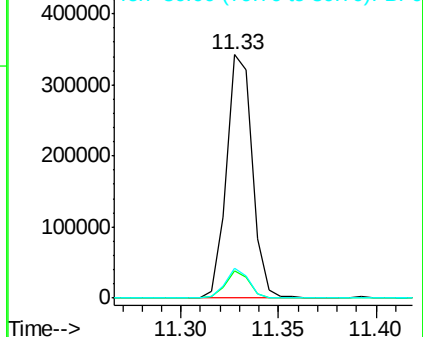
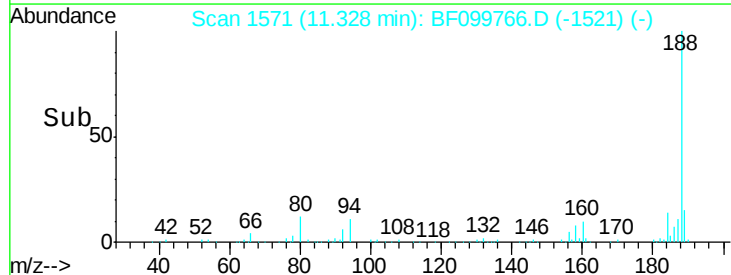


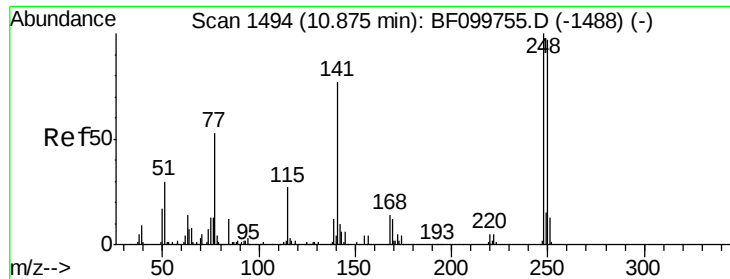
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Tgt Ion:188 Resp: 313124
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.2 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

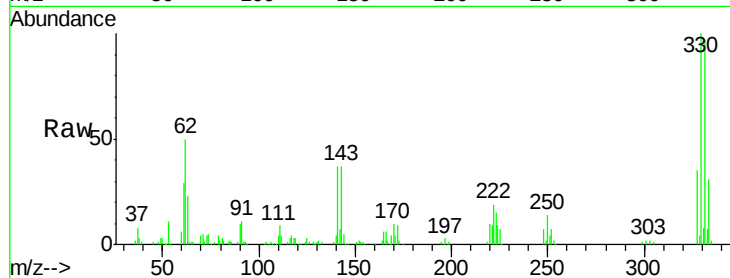




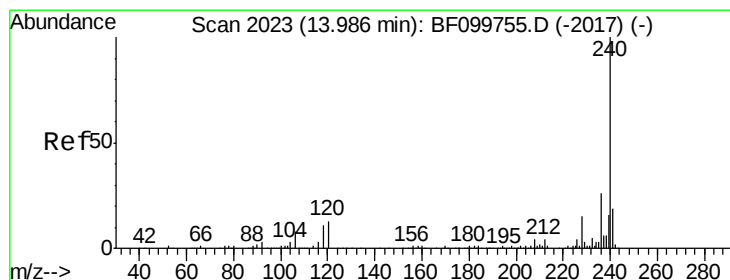
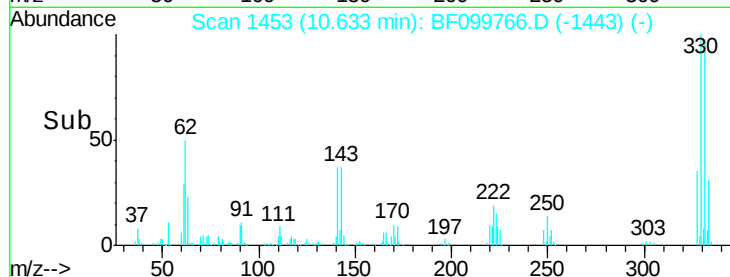
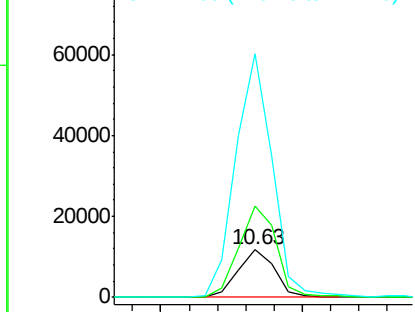
#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Instrument :
BNA_F
ClientSampleId :
PB103538TB

Tot Ion:248 Resp: 10516
Ion Ratio Lower Upper
248 100
250 191.8 76.9 115.3#
141 513.0 74.4 111.6#

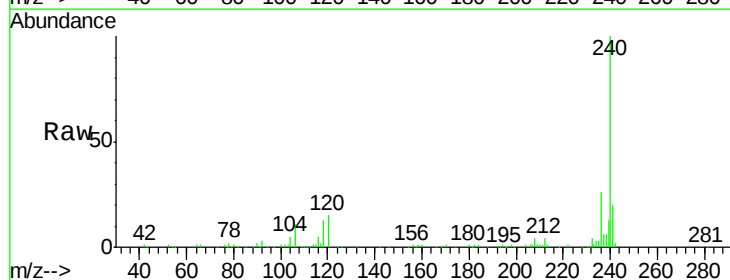


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

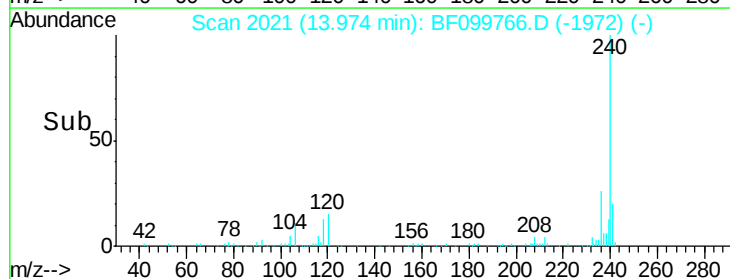
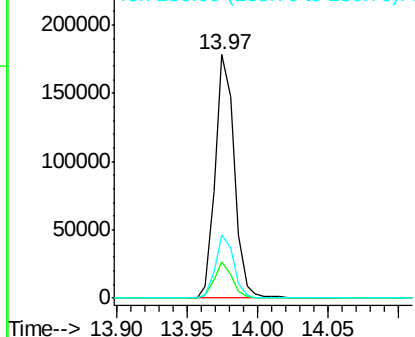


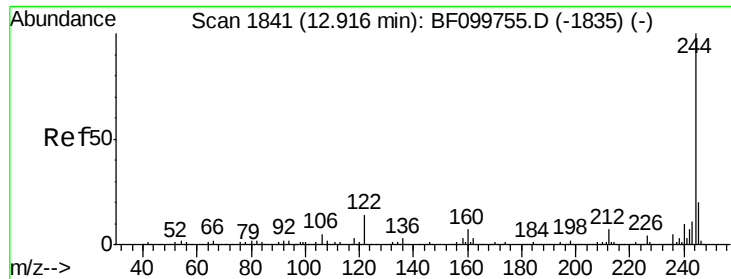
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Tgt Ion:240 Resp: 167648
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.8 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

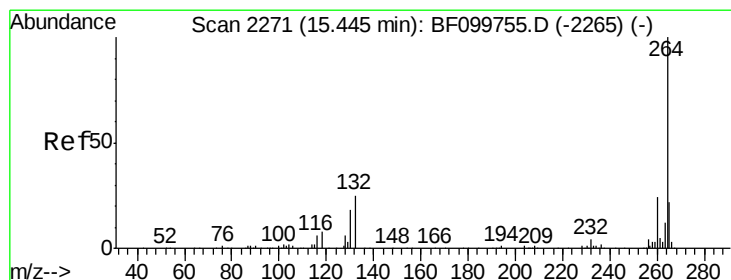
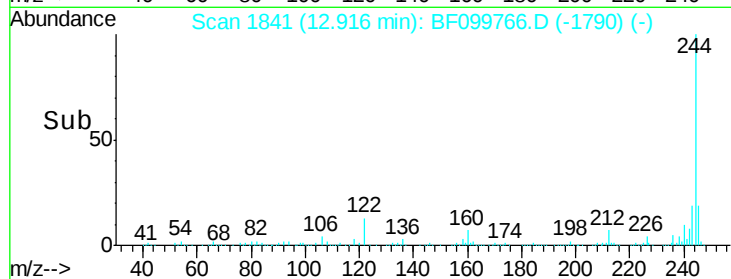
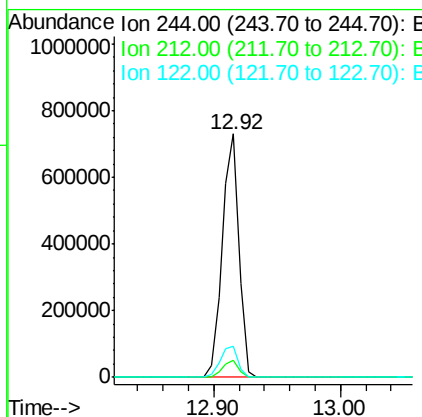
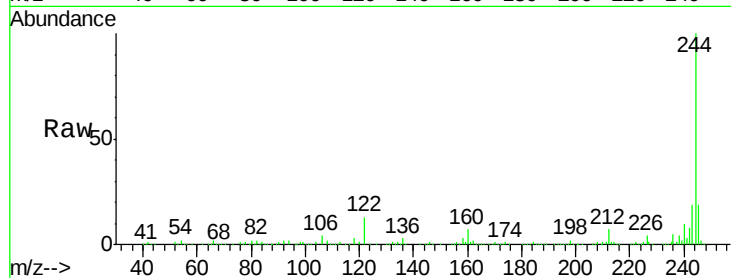




#78
 Terphenyl-d14
 Concen: 87.35 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103538TB

Tot Ion:244 Resp: 670120
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Tgt Ion:264 Resp: 167403
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 17.5 26.3

