

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099653.D
 Acq On : 19 Oct 2017 8:43
 Operator : SJ/JU
 Sample : I5953-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101717-B

Quant Time: Oct 19 10:28:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

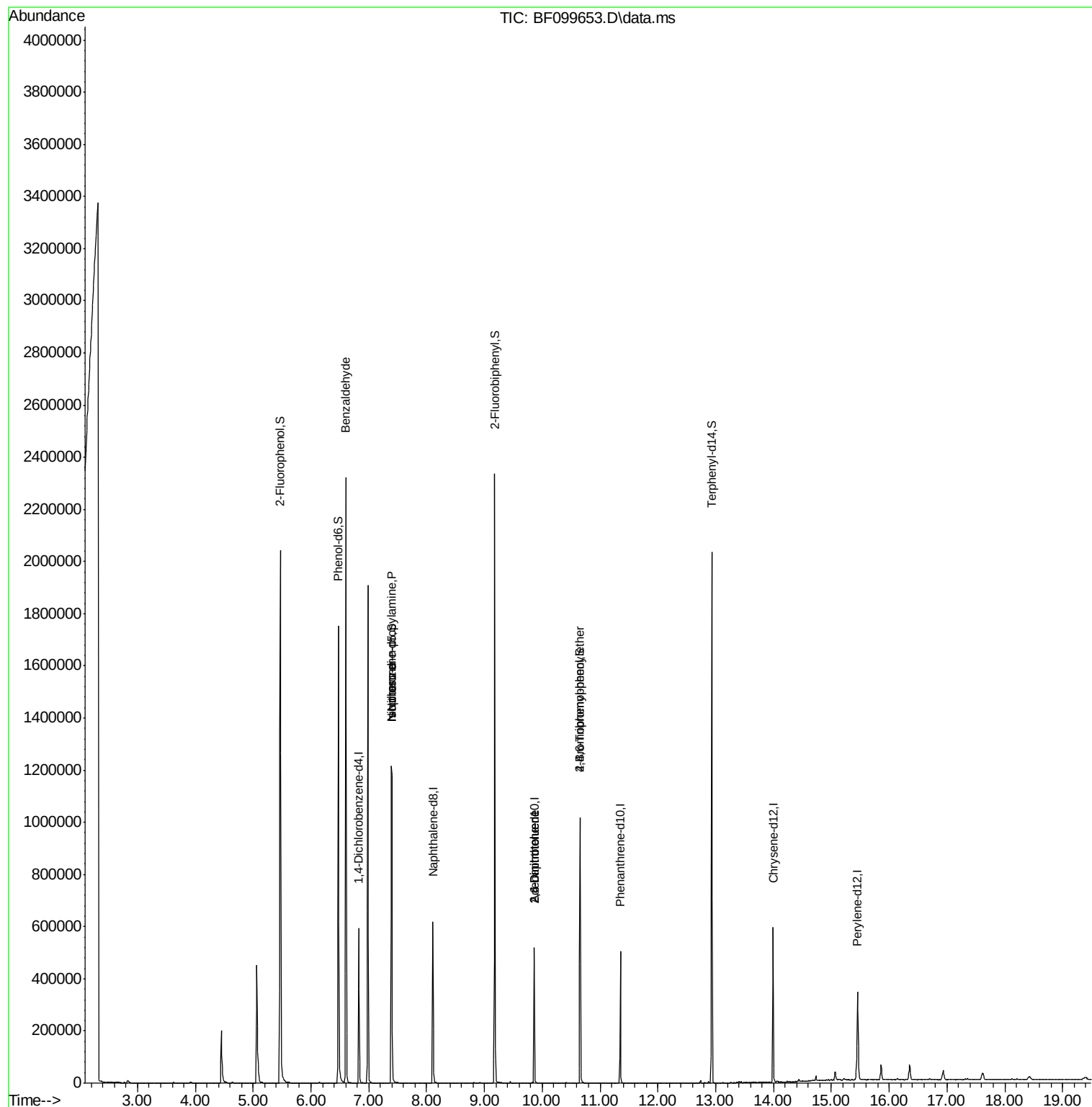
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	85336	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	301162	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	105517	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	174353	20.00	ng	-0.04
75) Chrysene-d12	13.992	240	181532	20.00	ng	-0.04
86) Perylene-d12	15.457	264	146898	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	655445	122.27	ng	-0.01
7) Phenol-d6	6.475	99	679037	102.68	ng	-0.02
23) Nitrobenzene-d5	7.392	82	444980	94.76	ng	-0.04
41) 2,4,6-Tribromophenol	10.657	330	121557	140.79	ng	-0.04
44) 2-Fluorobiphenyl	9.181	172	761229	120.44	ng	-0.05
78) Terphenyl-d14	12.933	244	644226	80.71	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.604	77	12258	3.20	ng	Qvalue 83
19) n-Nitroso-di-n-propyla...	7.392	70	56140	13.30	ng	# 73
25) Isophorone	7.392	82	444977	45.83	ng	# 64
50) 2,6-Dinitrotoluene	9.863	165	13226	7.63	ng	# 24
56) 2,4-Dinitrotoluene	9.863	165	13226	5.88	ng	# 21
66) 4-Bromophenyl-phenylether	10.651	248	7992	4.68	ng	# 1

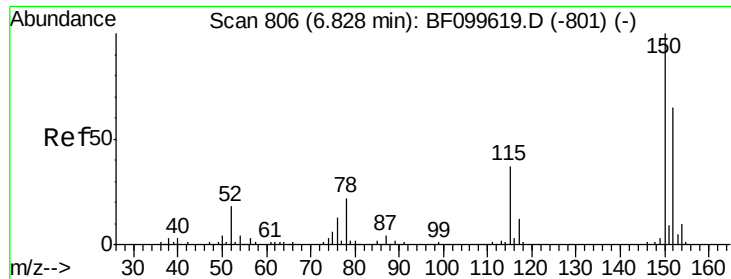
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.041 min

Lab File: BF099653.D

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EO-02-101717-B

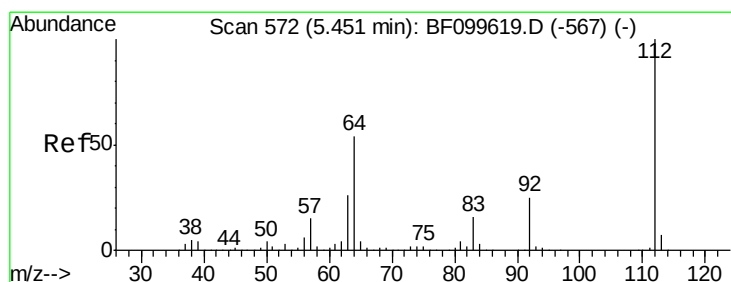
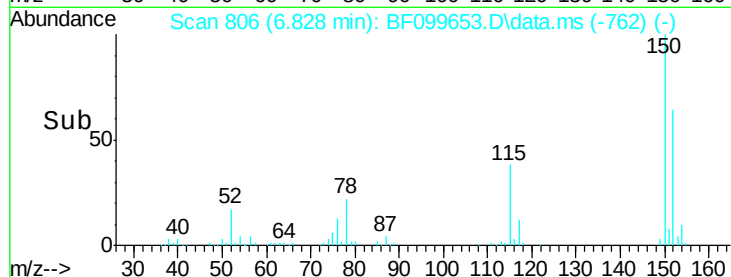
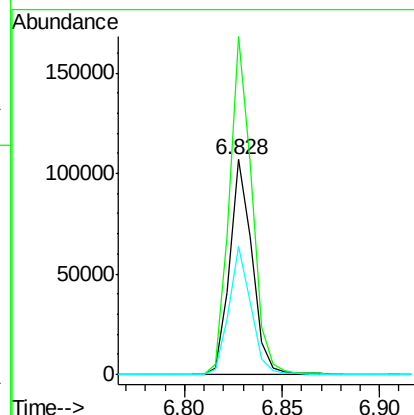
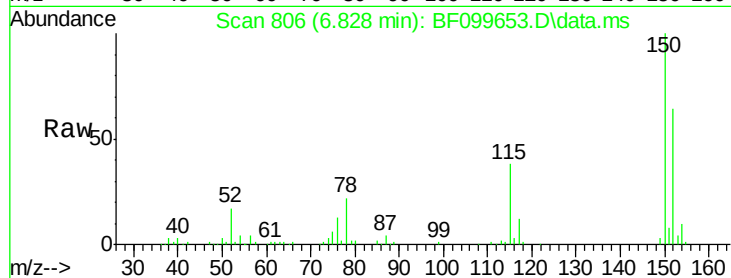
Tot Ion:152 Resp: 85336

Ion Ratio Lower Upper

152 100

150 157.4 124.6 186.8

115 59.7 50.1 75.1



#5

2-Fluorophenol

Concen: 122.27 ng

RT: 5.469 min Scan# 575

Delta R.T. -0.012 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

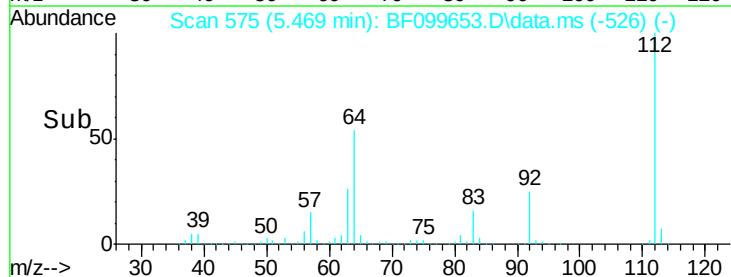
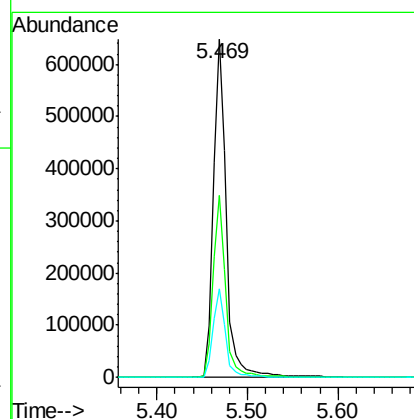
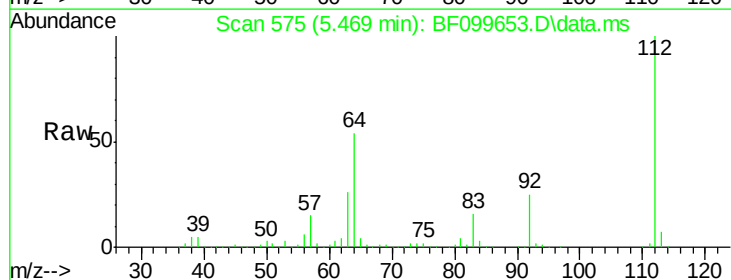
Tgt Ion:112 Resp: 655445

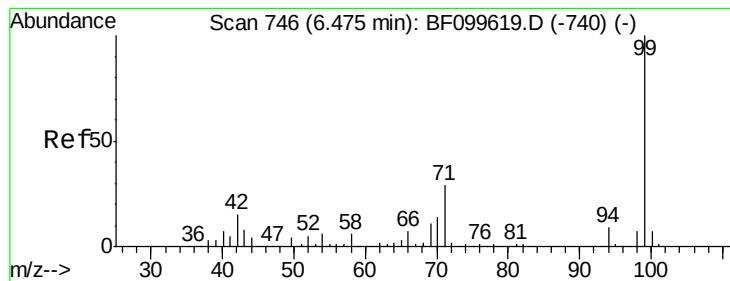
Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

63 26.0 23.7 35.5





#7

Phenol-d6

Concen: 102.68 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.023 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampleId :

EO-02-101717-B

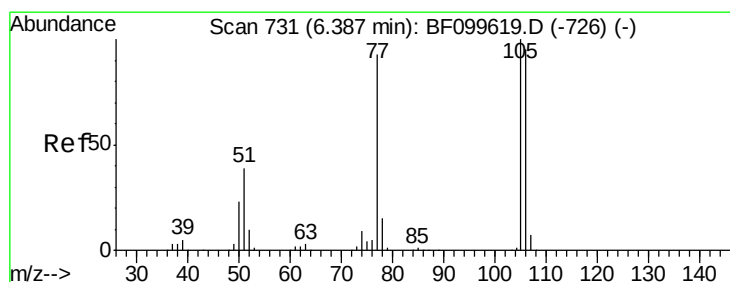
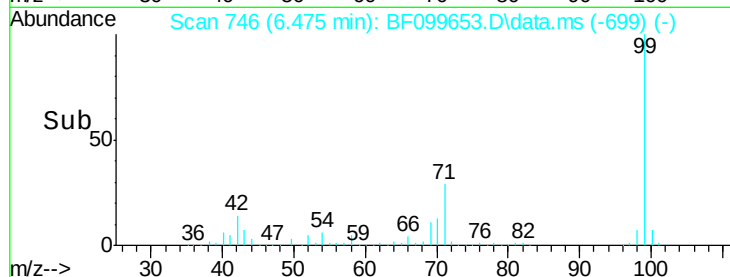
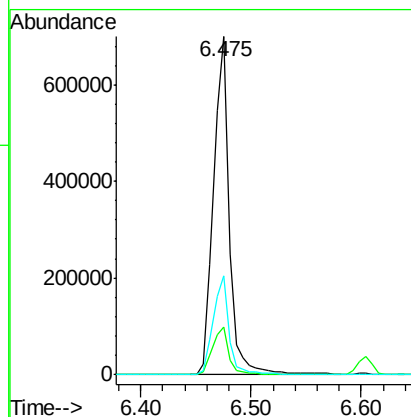
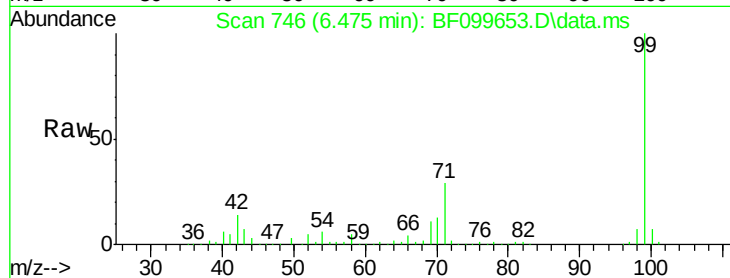
Tot Ion: 99 Resp: 679037

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 29.3 25.4 38.0



#9

Benzaldehyde

Concen: 3.20 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.182 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

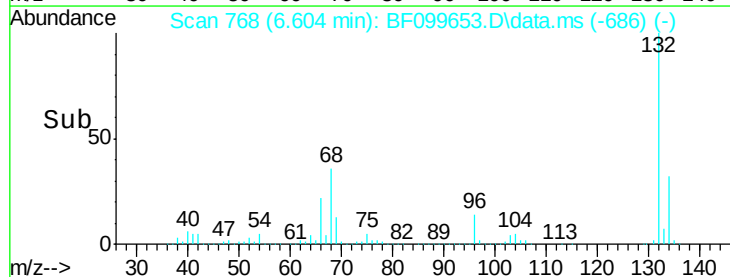
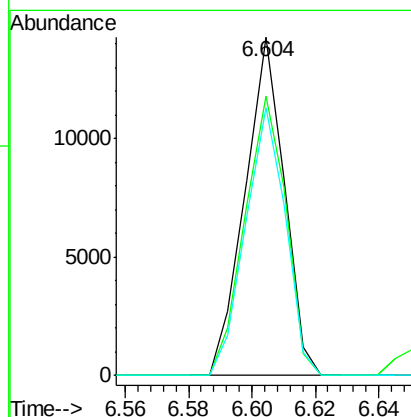
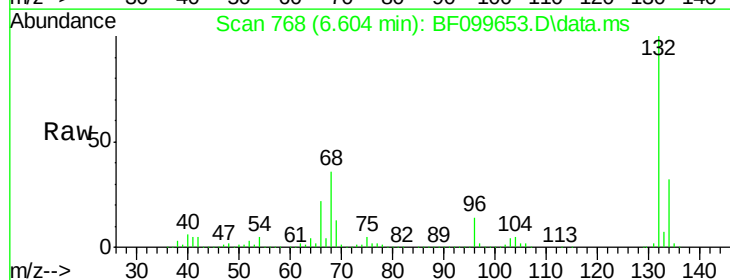
Tgt Ion: 77 Resp: 12258

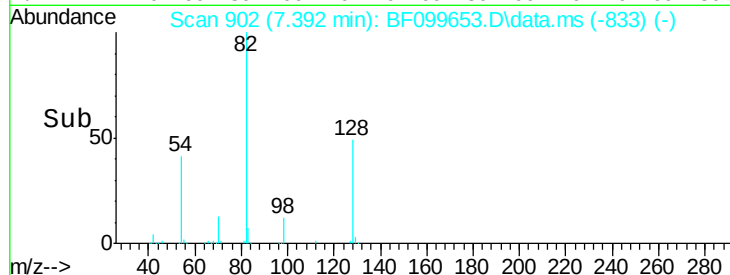
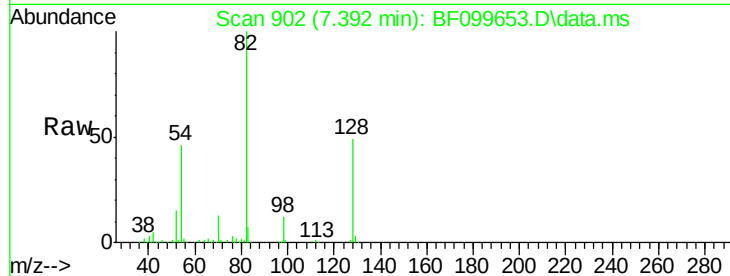
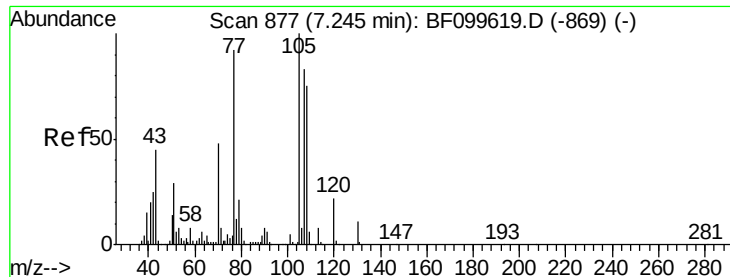
Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

106 79.3 74.5 114.5

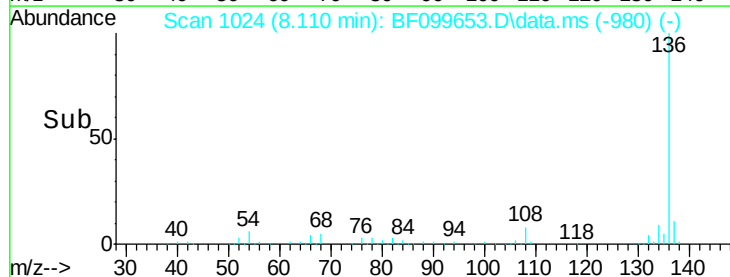
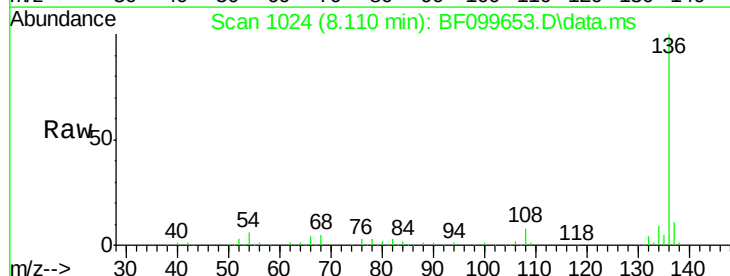
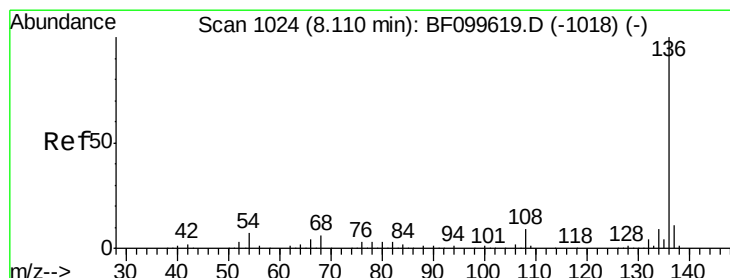
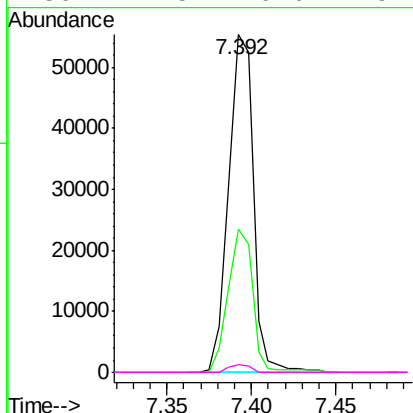




#19
n-Nitroso-di-n-propylamine
Concen: 13.30 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.106 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

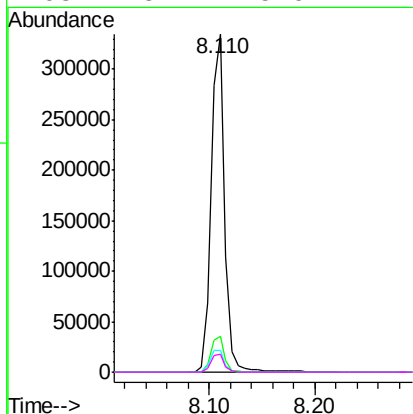
Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

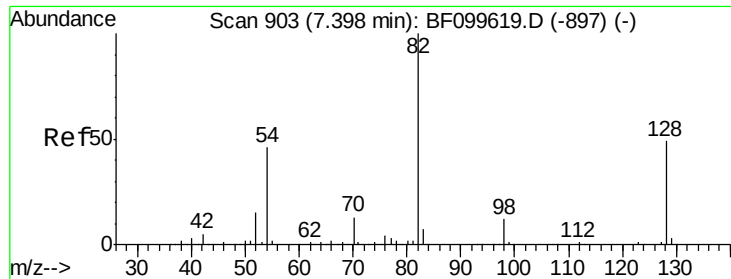
Tot Ion: 70 Resp: 56140
Ion Ratio Lower Upper
70 100
42 42.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.041 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Tgt Ion: 136 Resp: 301162
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.4 6.6 9.8#
68 5.4 5.0 7.4

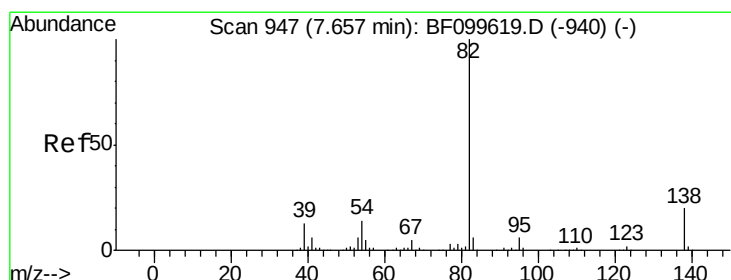
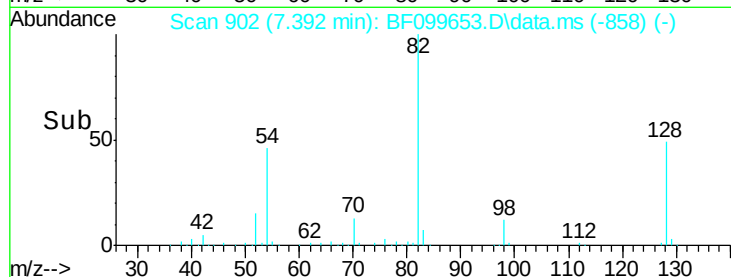
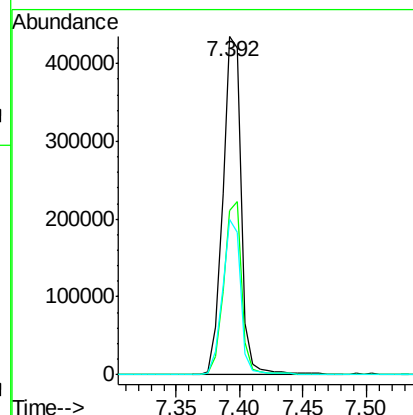
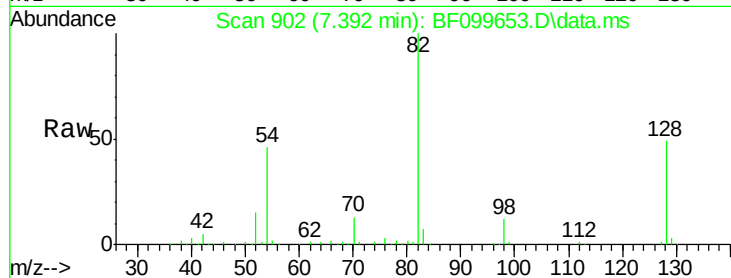




#23
Nitrobenzene-d5
Concen: 94.76 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.041 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

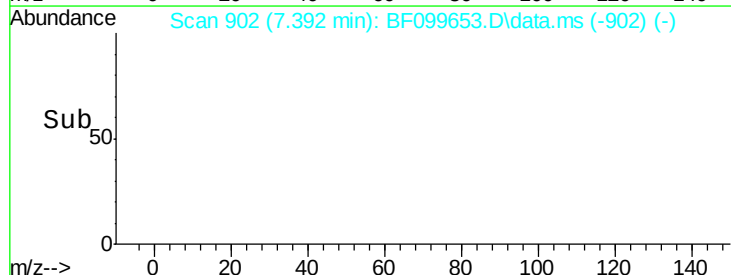
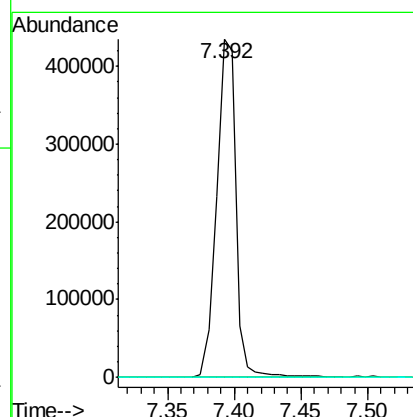
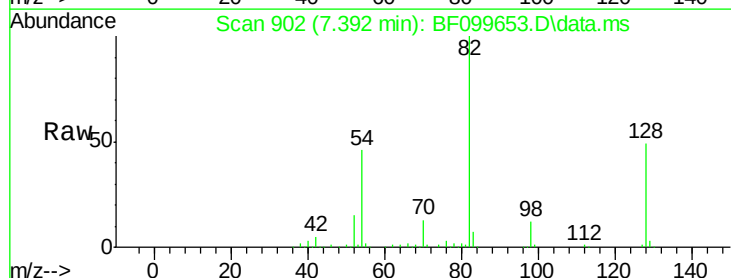
Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

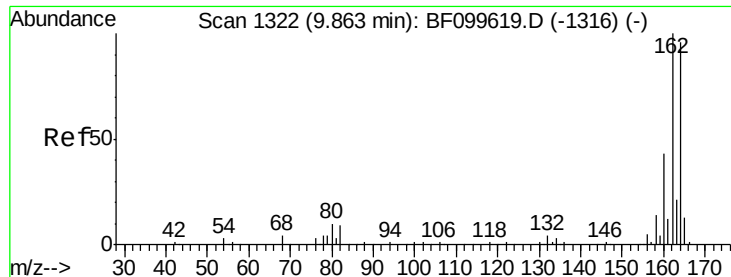
Tot Ion: 82 Resp: 444980
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 45.8 41.4 62.2



#25
Isophorone
Concen: 45.83 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.300 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Tgt Ion: 82 Resp: 444977
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: 9.863 min Scan# 1322

Delta R.T. -0.041 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampleId :

EO-02-101717-B

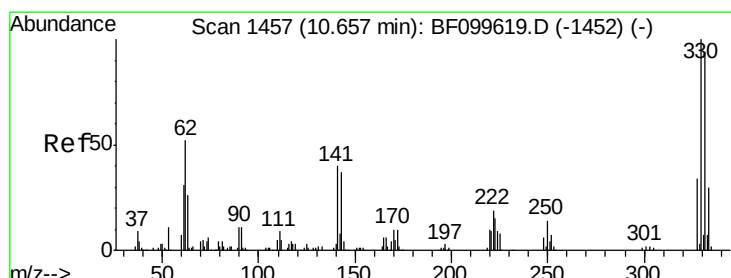
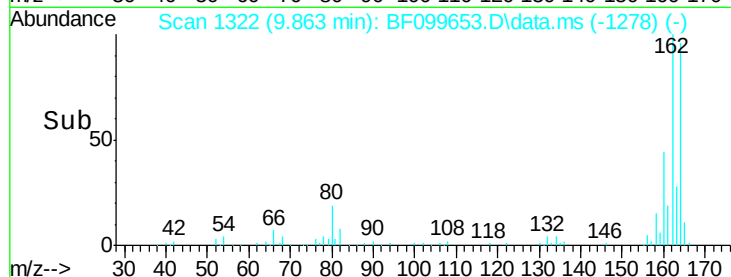
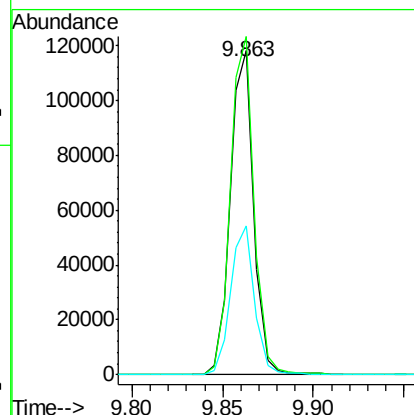
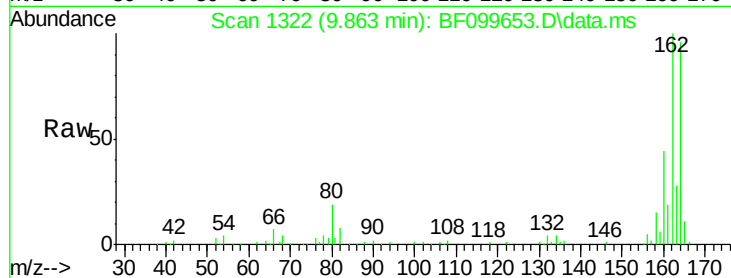
Tot Ion:164 Resp: 105517

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

160 45.9 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 140.79 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.041 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

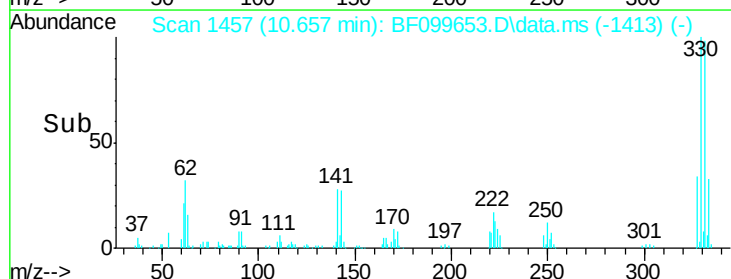
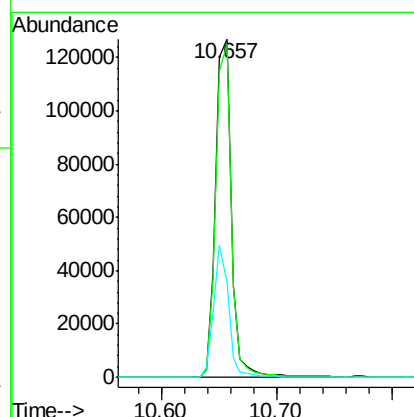
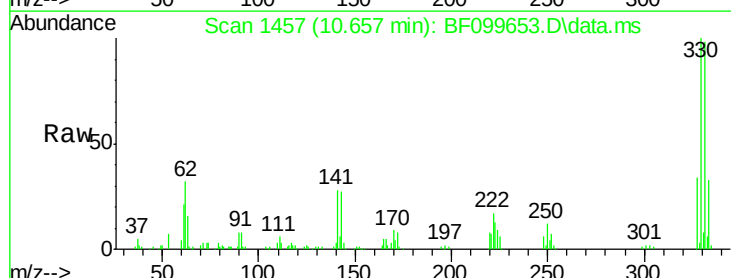
Tgt Ion:330 Resp: 121557

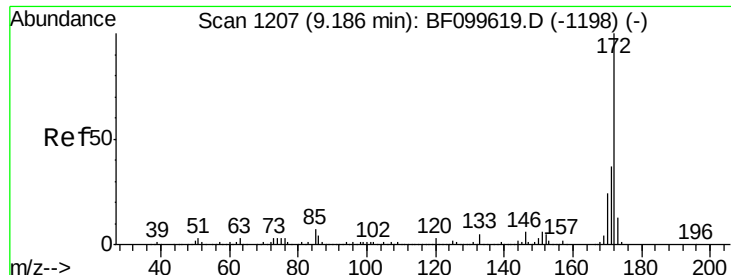
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

141 36.4 29.9 44.9

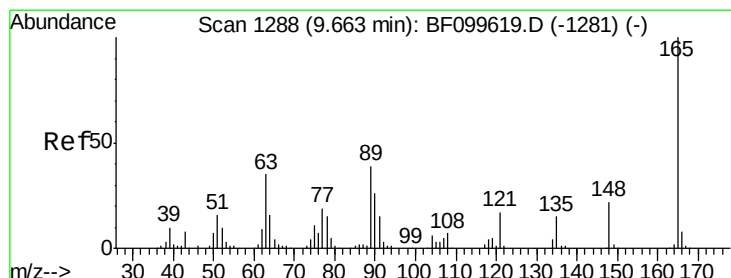
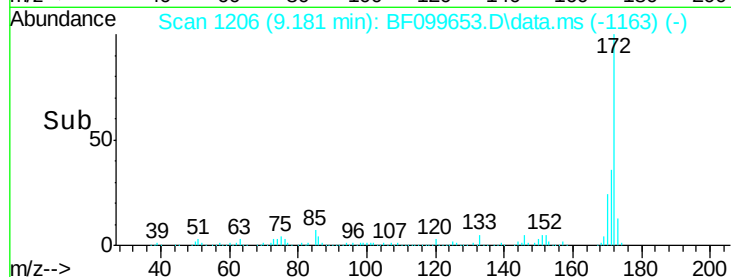
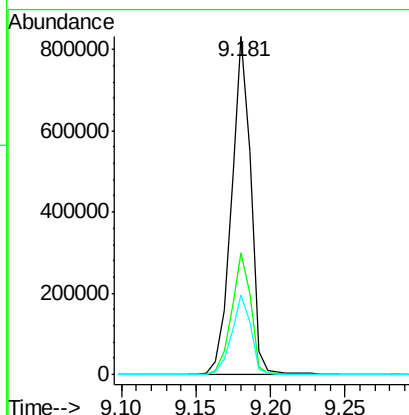
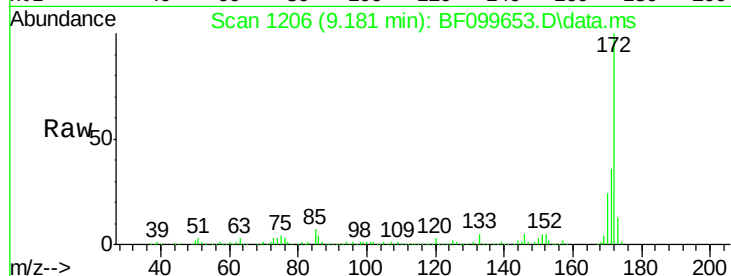




#44
2-Fluorobiphenyl
Concen: 120.44 ng
RT: 9.181 min Scan# 12
Delta R.T. -0.047 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

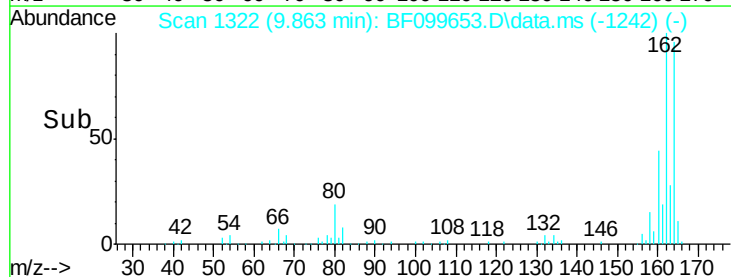
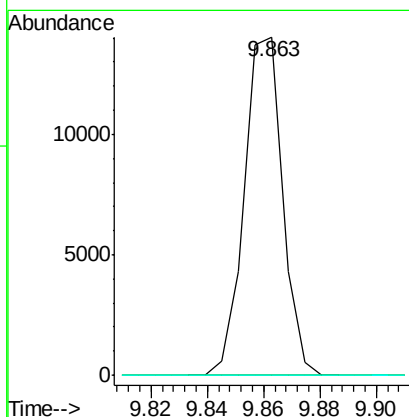
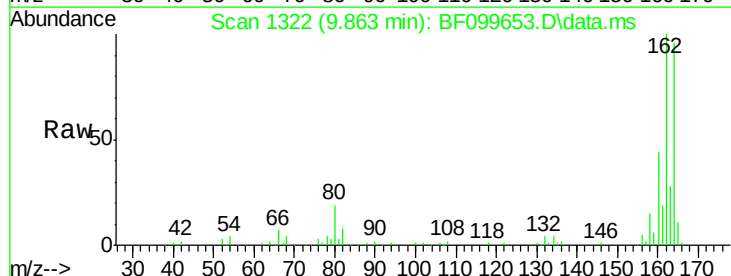
Instrument :
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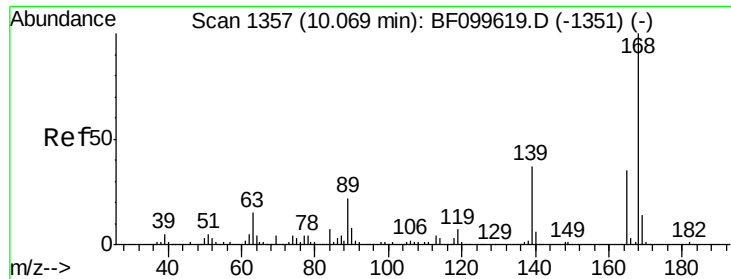
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



#50
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.171 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

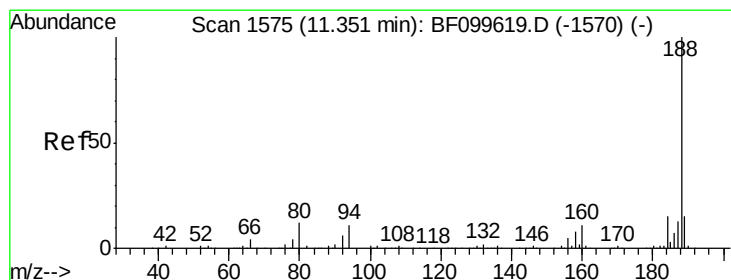
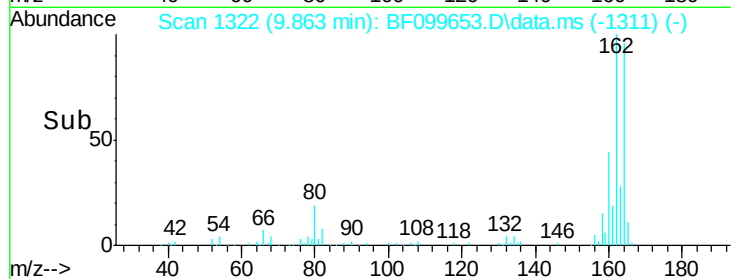
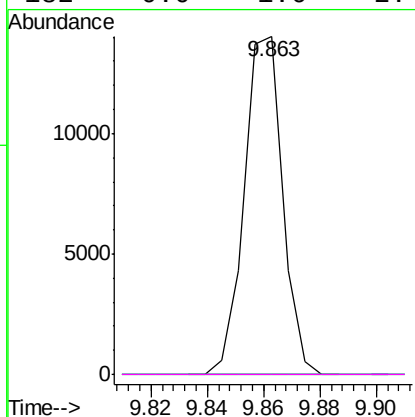
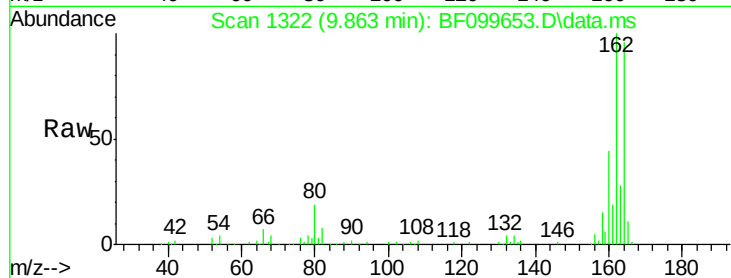




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.863 min Scan# 1357
 Delta R.T. -0.235 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

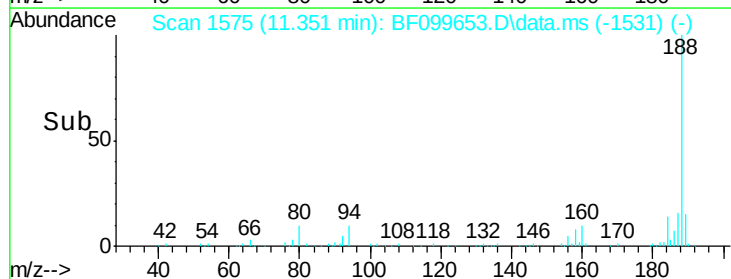
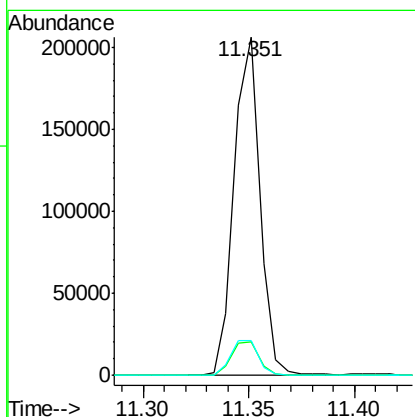
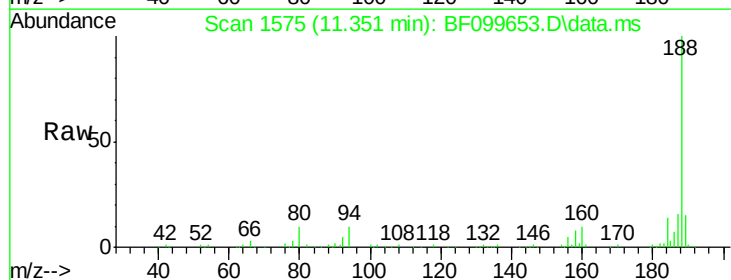
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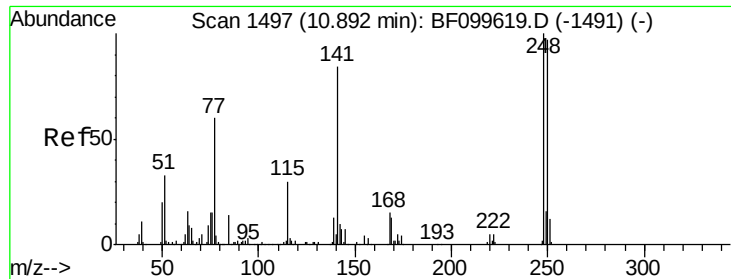
Tot Ion:	165	Resp:	13226
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.351 min Scan# 1575
 Delta R.T. -0.041 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

Tgt Ion:	188	Resp:	174353
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.1	9.2	13.8

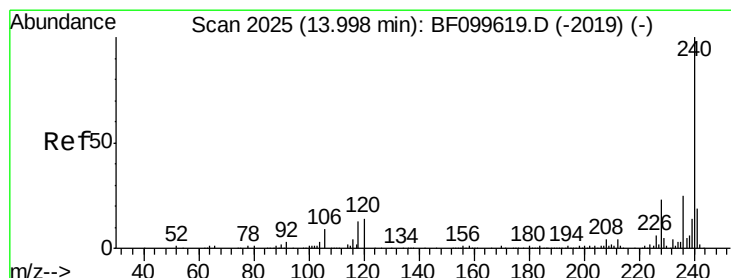
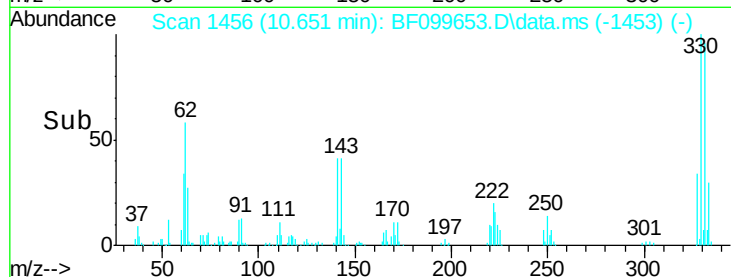
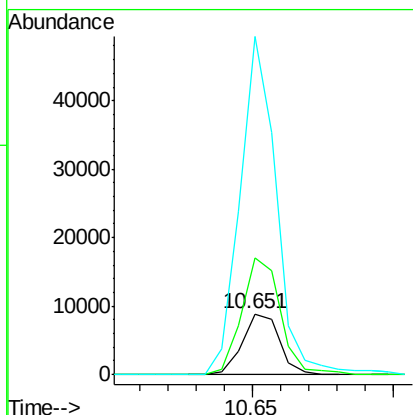
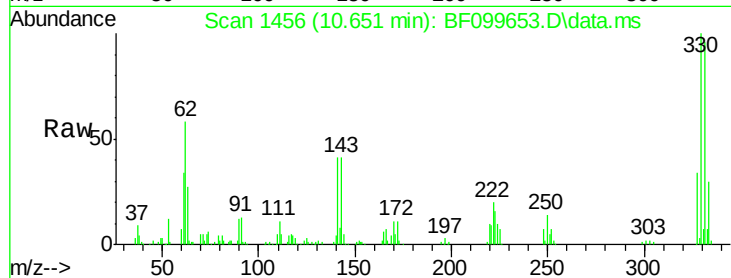




#66
4-Bromophenyl-phenylether
Concen: 4.68 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.282 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

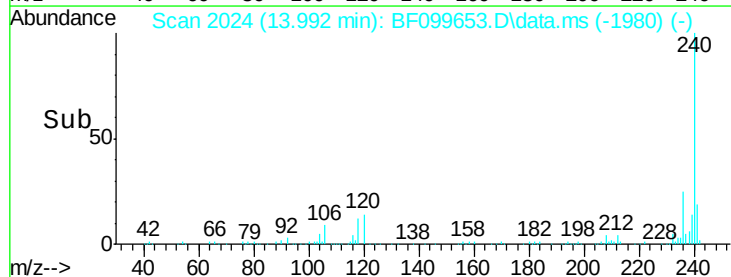
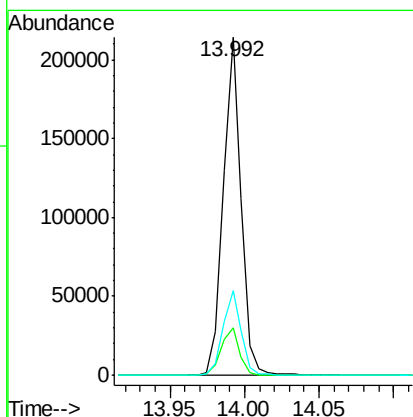
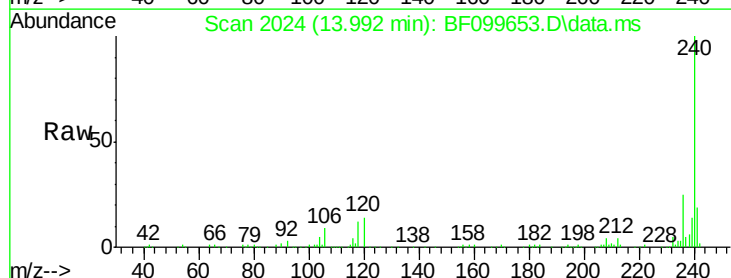
Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

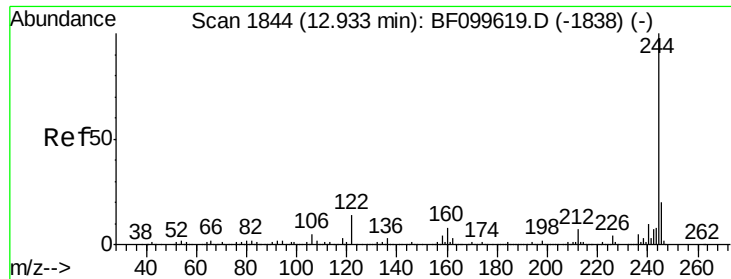
Tot Ion:248 Resp: 7992
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 559.3 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.041 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Tgt Ion:240 Resp: 181532
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 80.71 ng

RT: 12.933 min Scan# 18

Delta R.T. -0.041 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampleId :

EO-02-101717-B

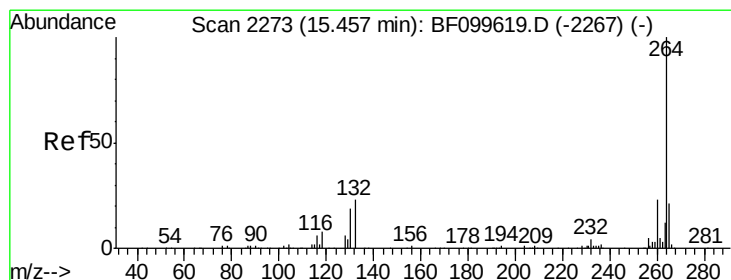
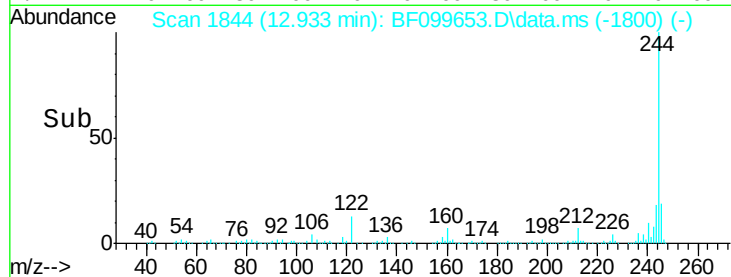
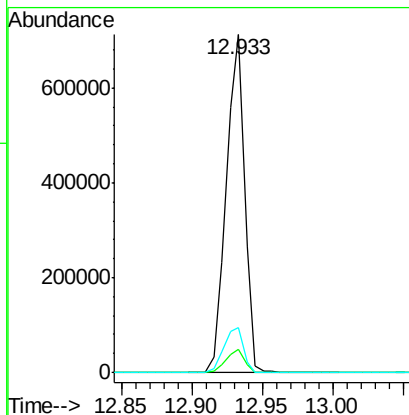
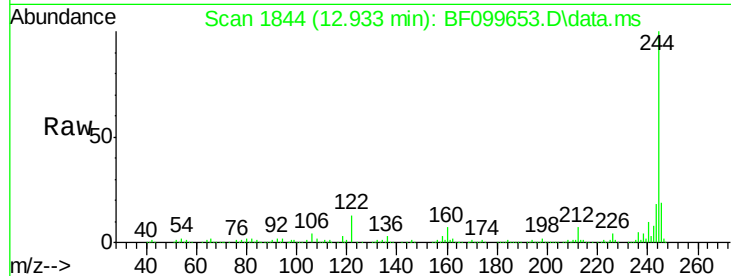
Tot Ion:244 Resp: 644226

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 13.2 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.047 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Tgt Ion:264 Resp: 146898

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 17.5 26.3

