

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101655.D
 Acq On : 22 Dec 2017 16:05
 Operator : SJ/JU
 Sample : I6883-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-01

Quant Time: Dec 22 22:32:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

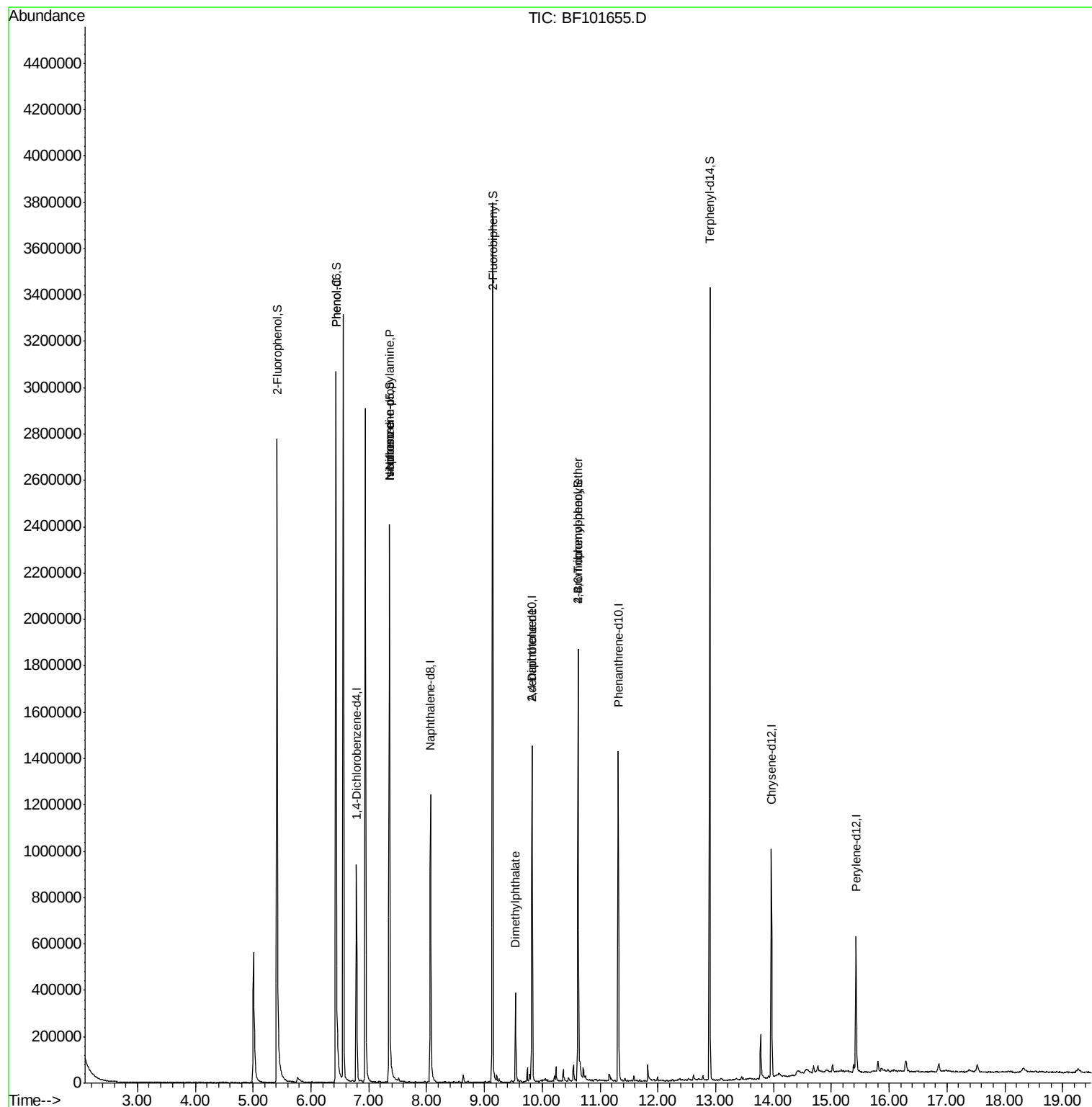
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143224	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	602087	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	275063	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	508727	20.00	ng	0.00
75) Chrysene-d12	13.96	240	335554	20.00	ng	0.00
86) Perylene-d12	15.43	264	295055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	963118	100.17	ng	0.00
7) Phenol-d6	6.43	99	1346287	112.51	ng	0.00
23) Nitrobenzene-d5	7.36	82	884526	81.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	264212	99.69	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1390180	78.40	ng	0.00
78) Terphenyl-d14	12.90	244	1266508	90.99	ng	0.00
Target Compounds						
10) Phenol	6.44	94	75721	5.552	ng	80
19) n-Nitroso-di-n-propylamine	7.36	70	120240	15.301	ng	# 81
25) Isophorone	7.36	82	884521	40.765	ng	# 64
49) Dimethylphthalate	9.54	163	154476	6.982	ng	100
56) 2,4-Dinitrotoluene	9.82	165	34619	6.833	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	16530	2.892	ng	# 1

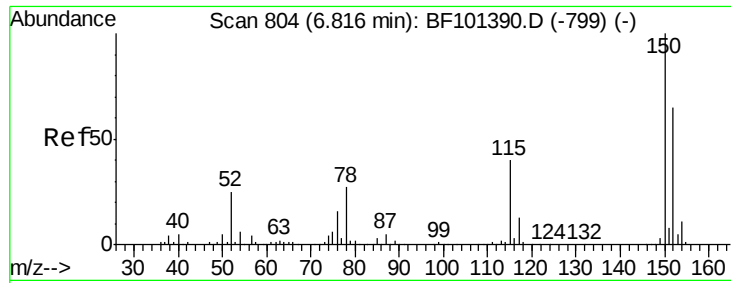
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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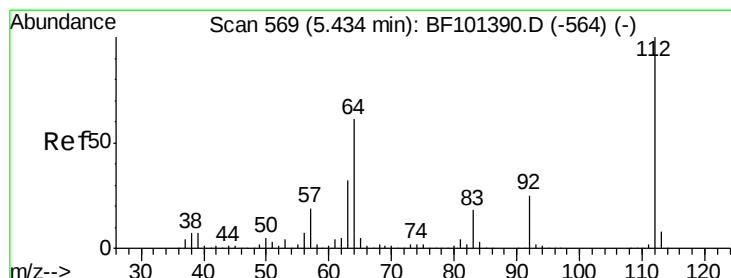
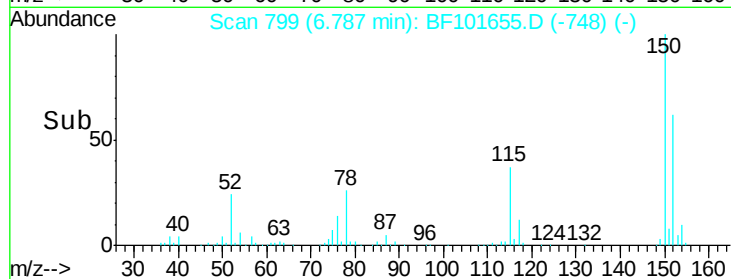
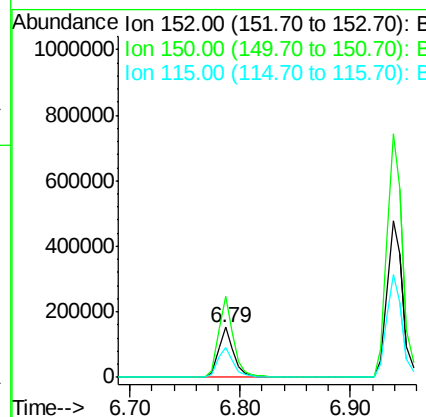
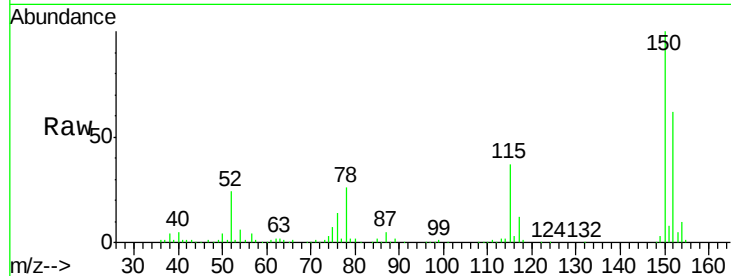


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101655.D
 Acq: 22 Dec 2017 16:05

Instrument :
 BNA_F
 ClientSampled :
 EP-01

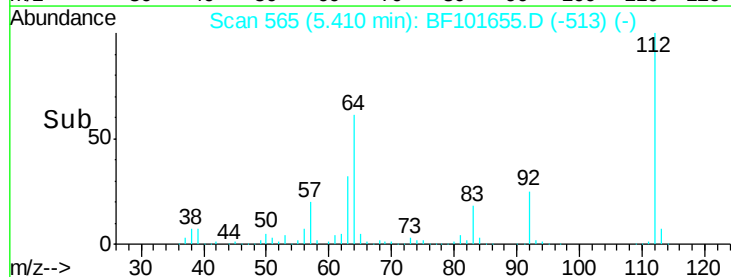
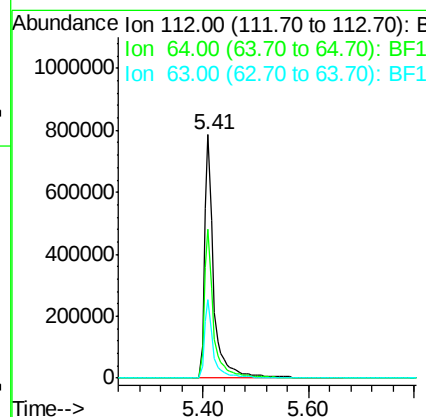
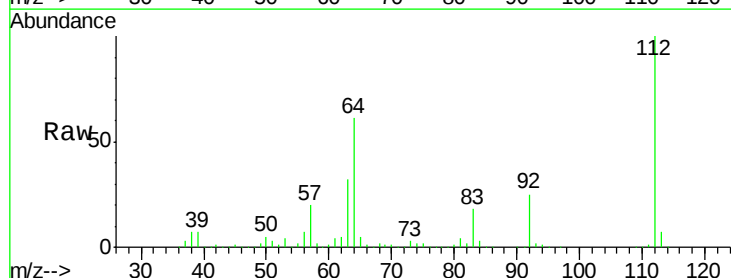
Tot Ion:152 Resp: 143224
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.6 186.8
 115 60.3 50.1 75.1

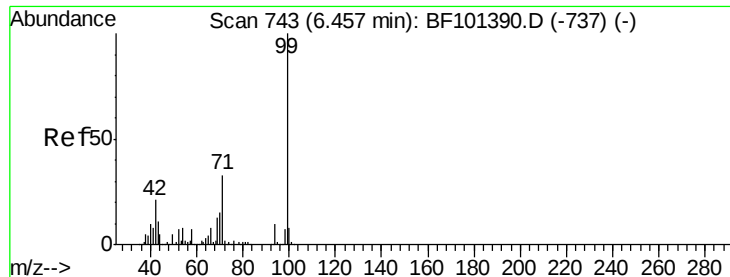


#5

2-Fluorophenol
 Concen: 100.168 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF101655.D
 Acq: 22 Dec 2017 16:05

Tgt Ion:112 Resp: 963118
 Ion Ratio Lower Upper
 112 100
 64 61.2 47.9 71.9
 63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 112.506 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

Instrument :

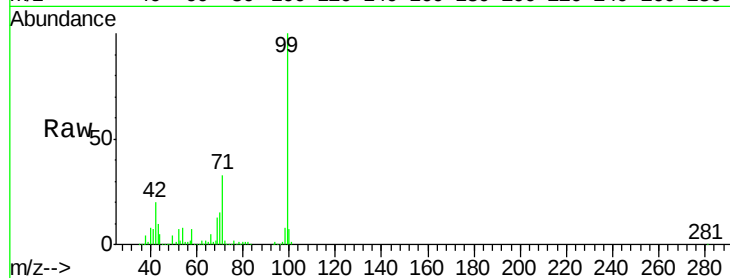
BNA_F

ClientSampleId :

EP-01

Tot Ion: 99 Resp: 1346287

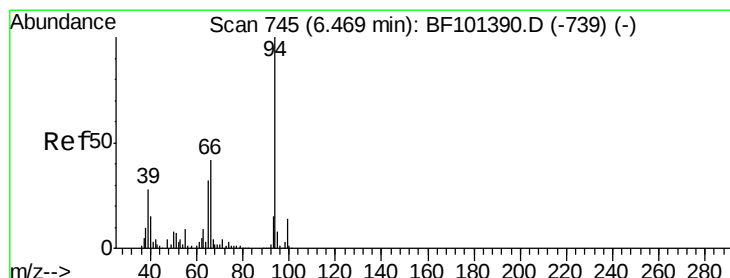
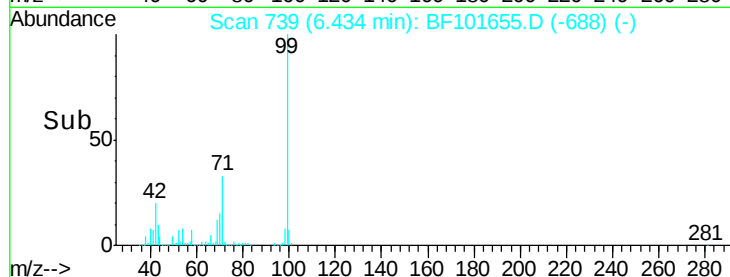
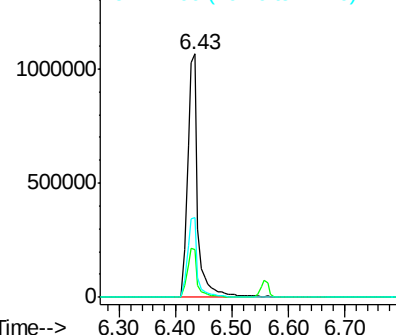
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.7	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.552 ng

RT: 6.44 min Scan# 740

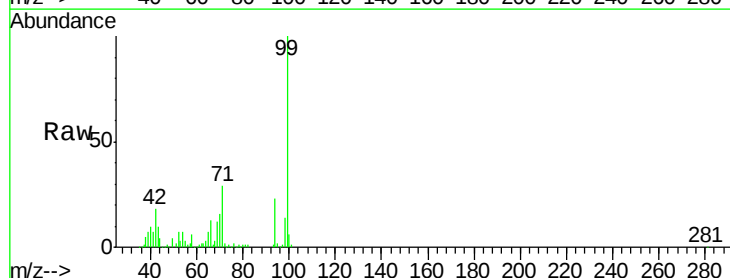
Delta R.T. -0.01 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

Tgt Ion: 94 Resp: 75721

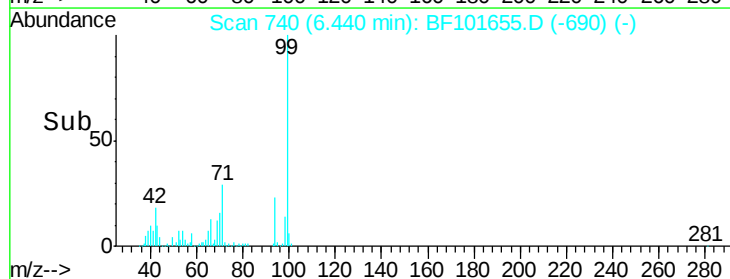
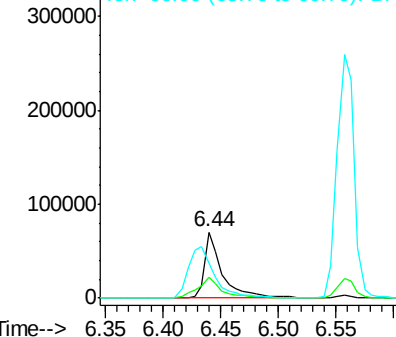
Ion	Ratio	Lower	Upper
94	100		
65	31.8	7.9	47.9
66	53.6	16.2	56.2

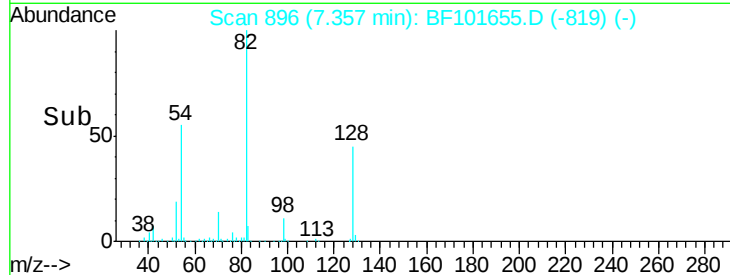
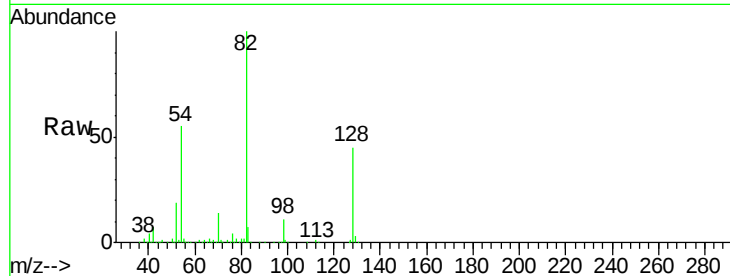


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

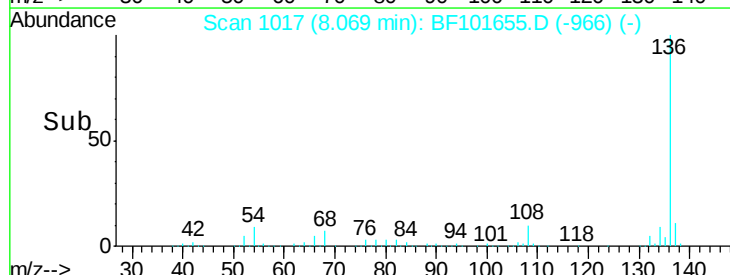
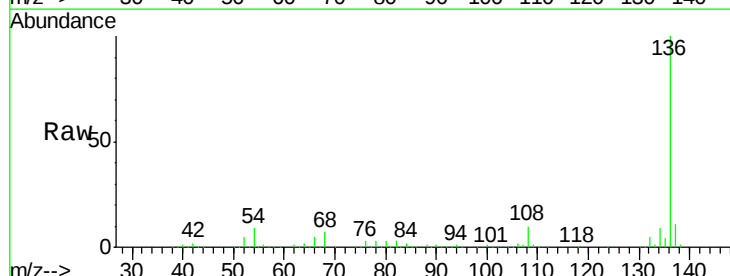
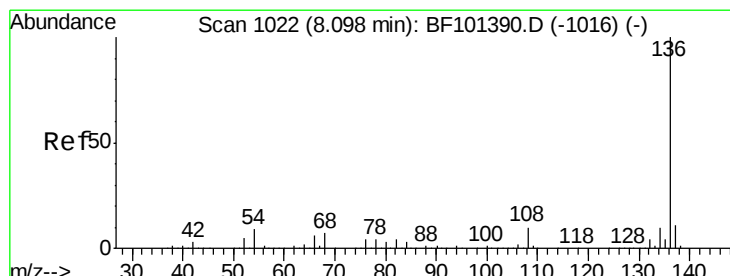
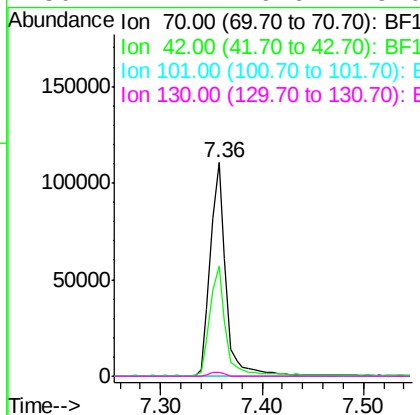




#19
n-Nitroso-di-n-propylamine
Concen: 15.301 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

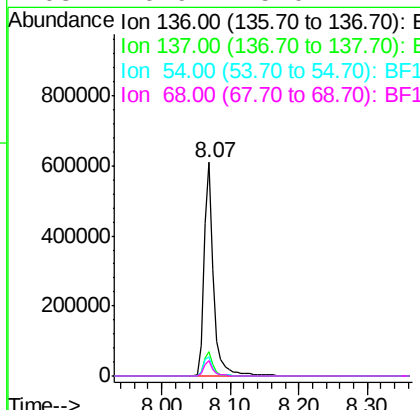
Instrument :
BNA_F
ClientSampleId :
EP-01

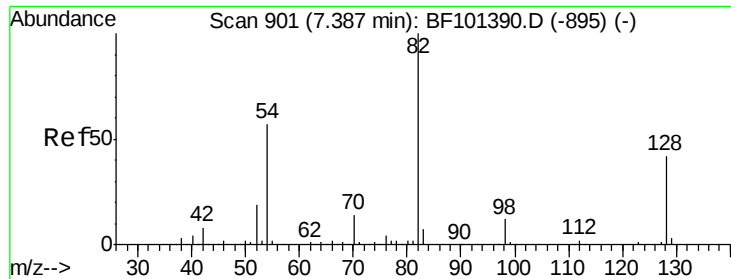
Tot Ion: 70 Resp: 120240
Ion Ratio Lower Upper
70 100
42 51.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Tgt Ion:136 Resp: 602087
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.9 6.6 9.8
68 6.9 5.0 7.4

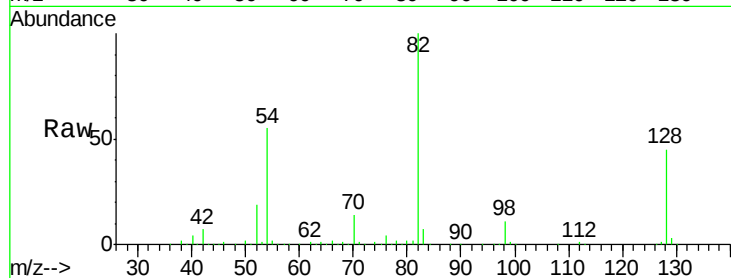




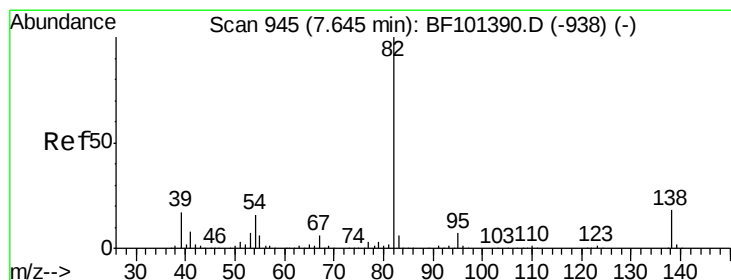
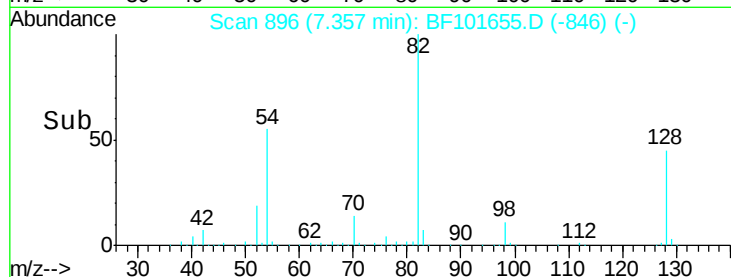
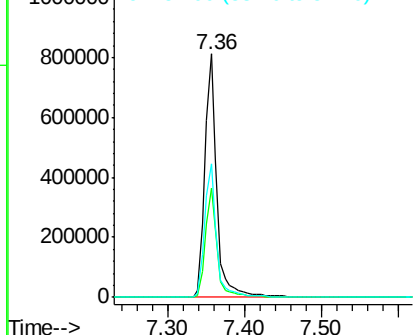
#23
Nitrobenzene-d5
Concen: 81.779 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleID :
EP-01

Tot Ion: 82 Resp: 884526
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 54.6 41.4 62.2

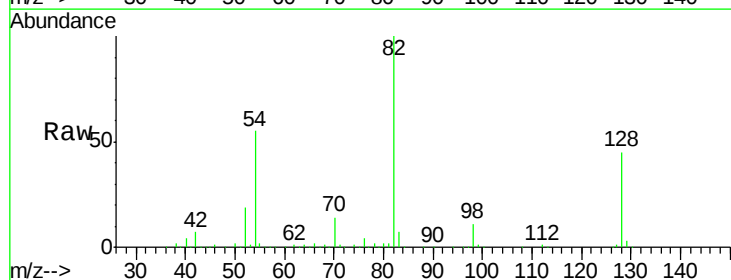


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

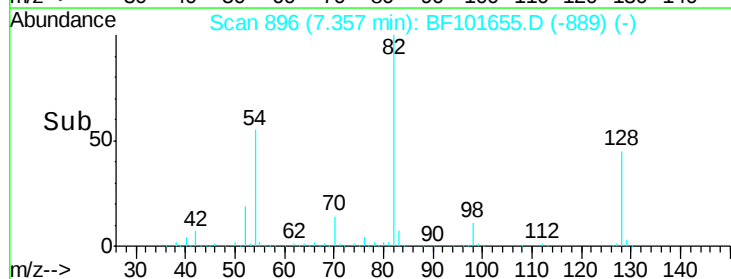
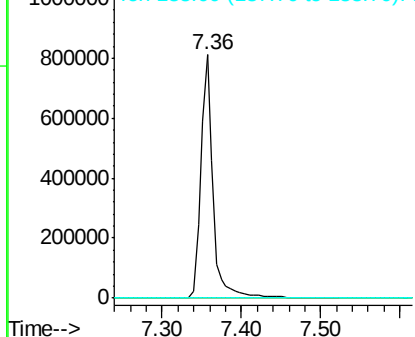


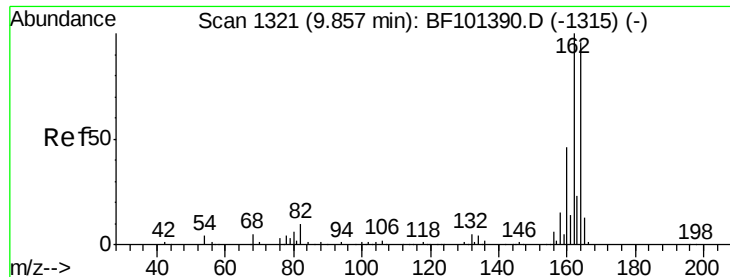
#25
Isophorone
Concen: 40.765 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Tgt Ion: 82 Resp: 884521
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): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

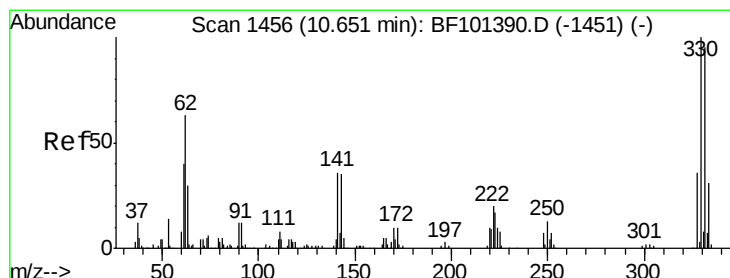
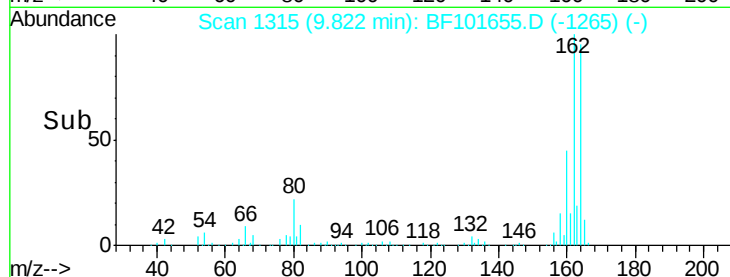
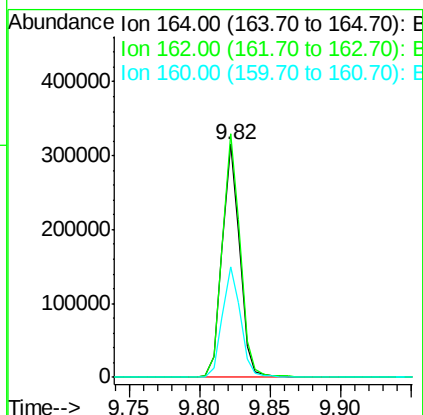
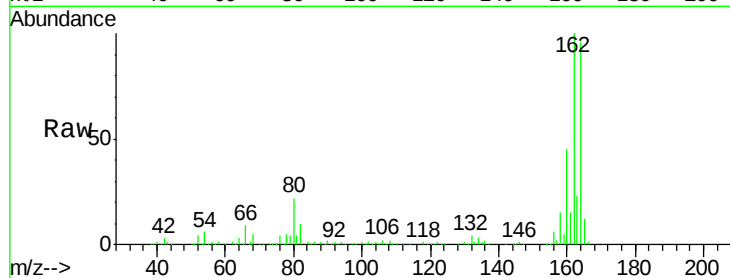




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101655.D
 Acq: 22 Dec 2017 16:05

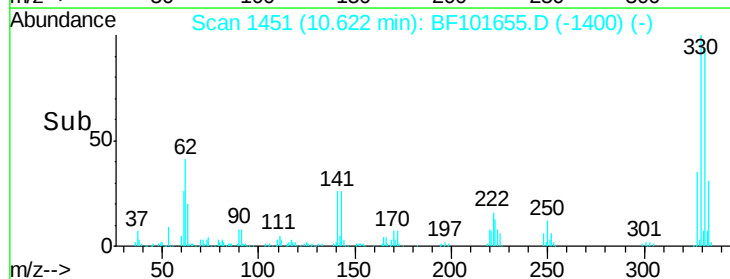
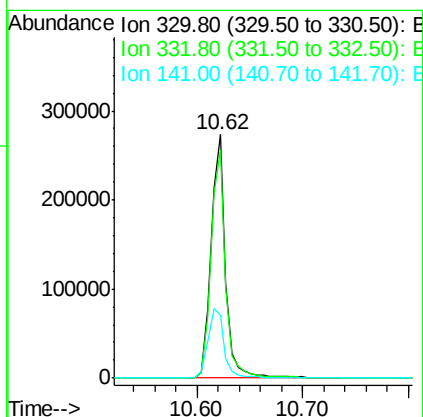
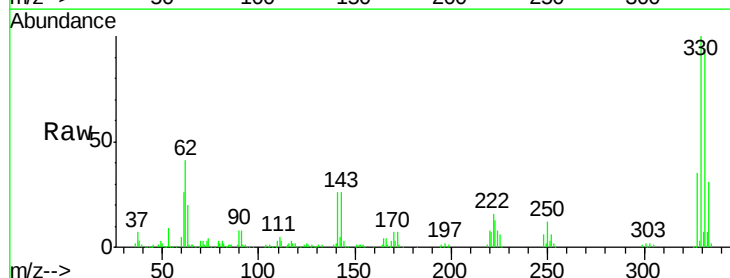
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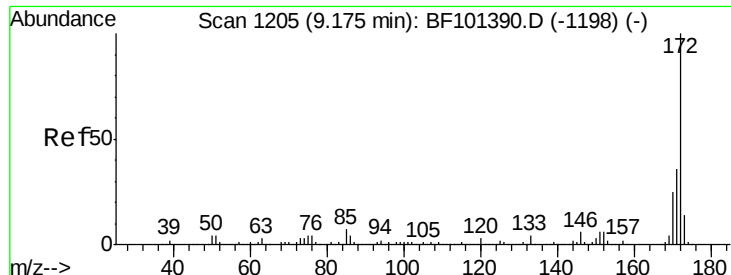
Tot Ion:164 Resp: 275063
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 99.686 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101655.D
 Acq: 22 Dec 2017 16:05

Tgt Ion:330 Resp: 264212
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 32.4 29.9 44.9

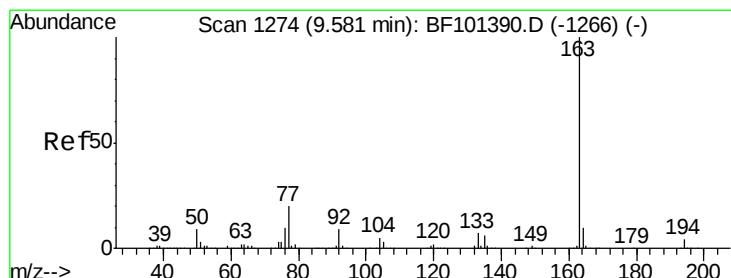
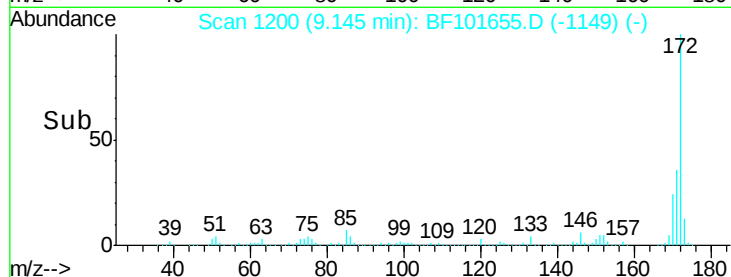
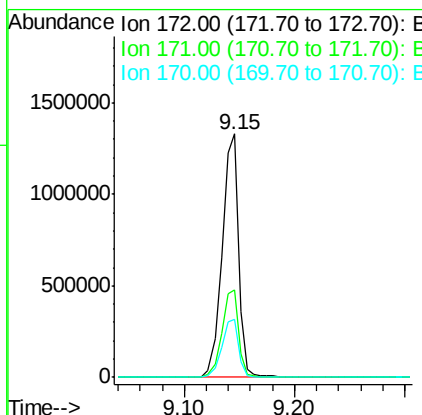
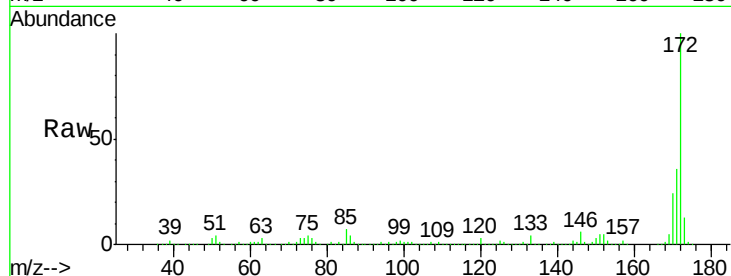




#44
2-Fluorobiphenyl
Concen: 78.400 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

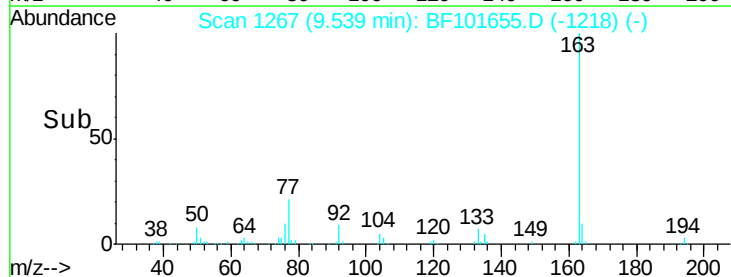
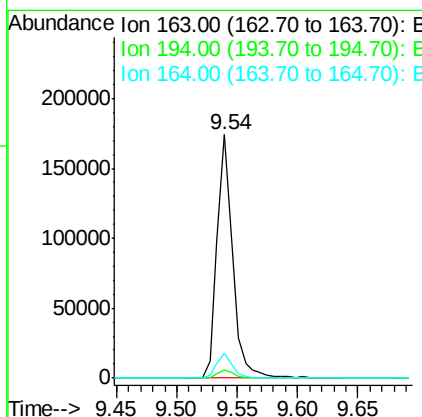
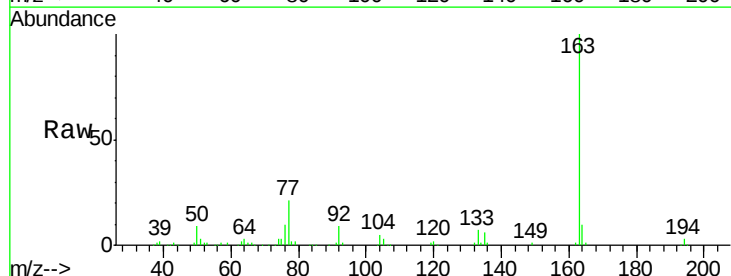
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BNA_F
ClientSampleId :
EP-01

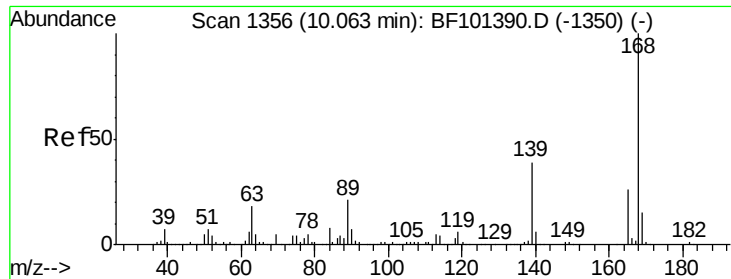
Tot Ion:172 Resp: 1390180
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 6.982 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Tgt Ion:163 Resp: 154476
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

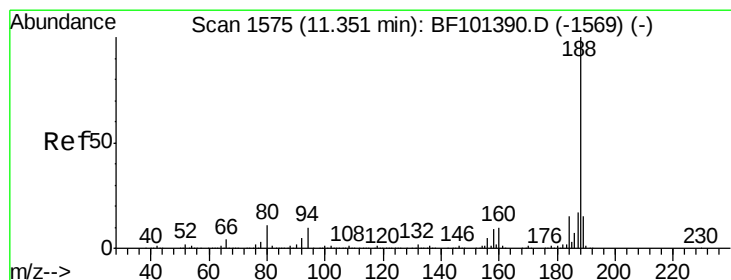
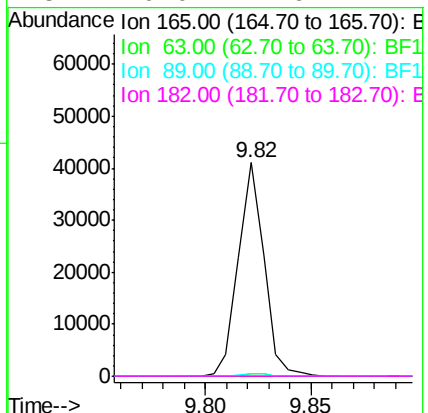
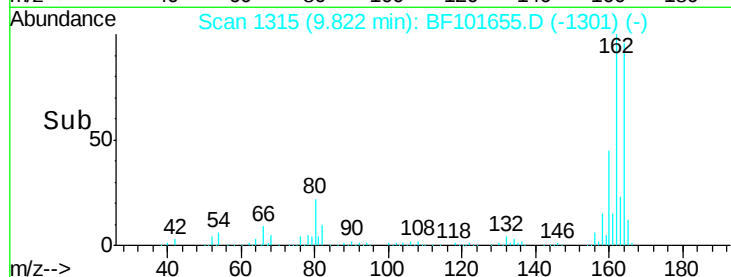
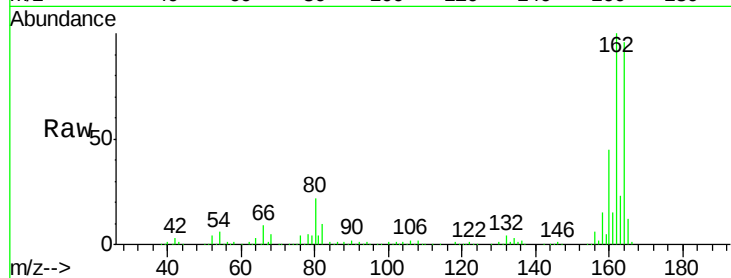




#56
2,4-Dinitrotoluene
Concen: 6.833 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

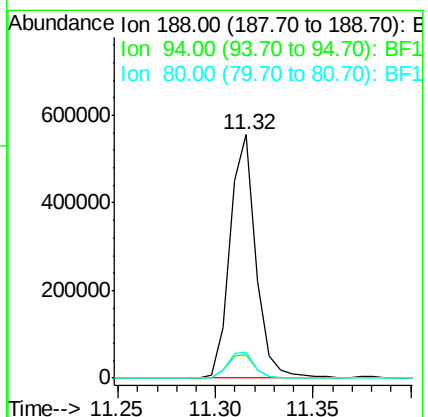
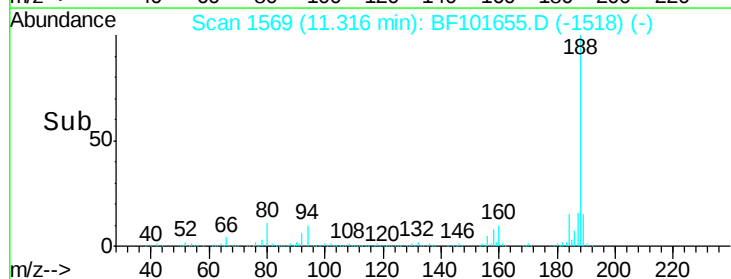
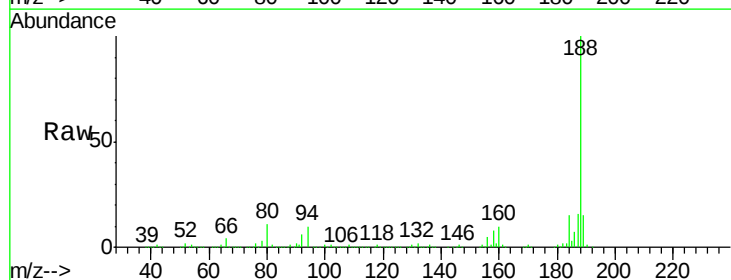
Instrument :
BNA_F
ClientSampleId :
EP-01

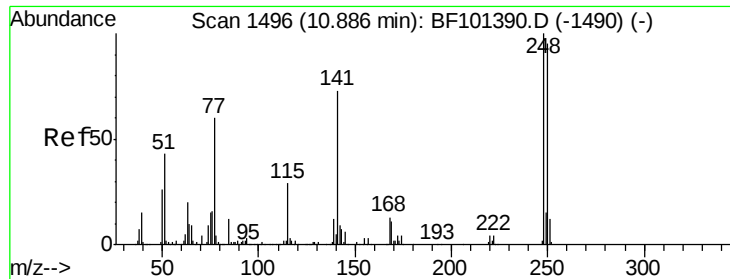
Tot Ion:165	Resp:	34619
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Tgt Ion:188	Resp:	508727
Ion Ratio	Lower	Upper
188	100	
94	9.6	8.5 12.7
80	10.7	9.2 13.8

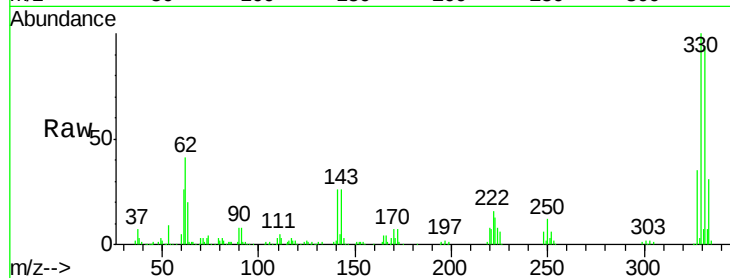




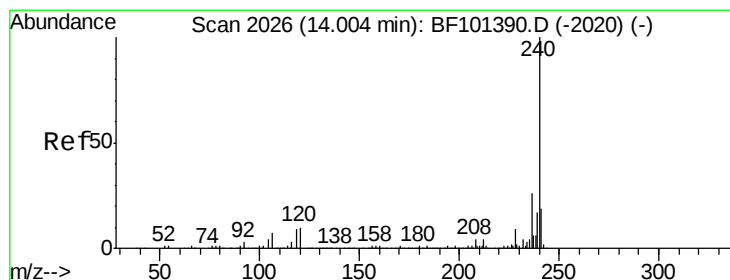
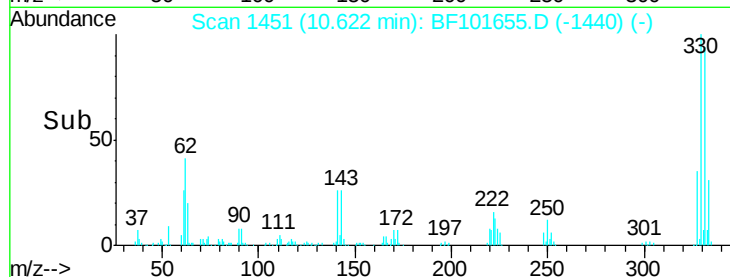
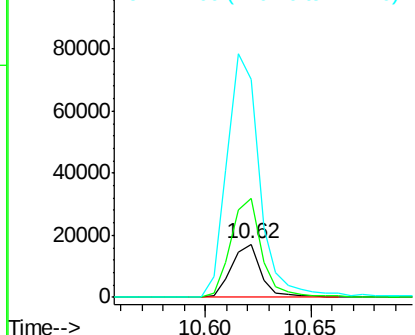
#66
4-Bromophenyl-phenylether
Concen: 2.892 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Instrument :
BNA_F
ClientSampled :
EP-01

Tot Ion:248 Resp: 16530
Ion Ratio Lower Upper
248 100
250 186.5 76.9 115.3#
141 409.5 74.4 111.6#

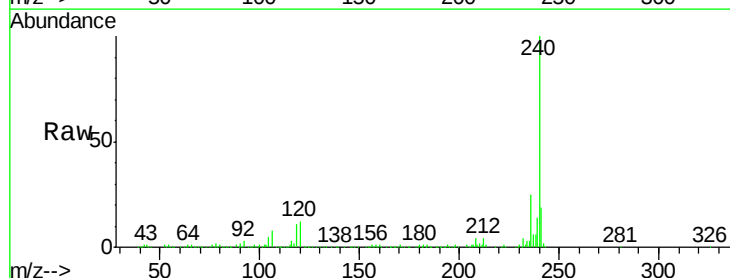


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

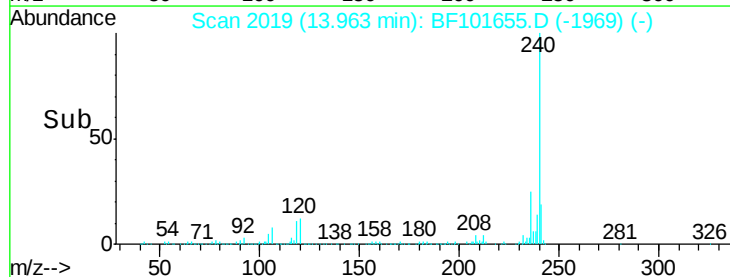
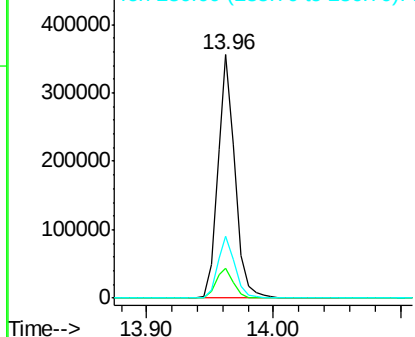


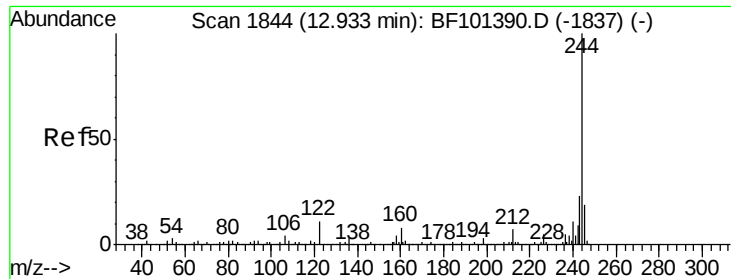
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Tgt Ion:240 Resp: 335554
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.4 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: 90.992 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

Instrument :

BNA_F

ClientSampleId :

EP-01

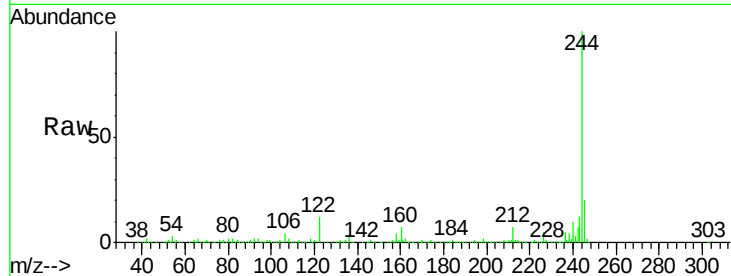
Tot Ion:244 Resp: 1266508

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

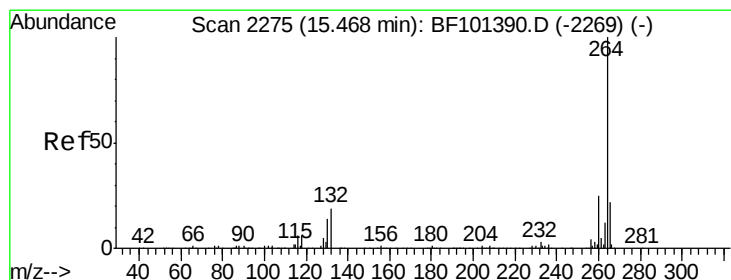
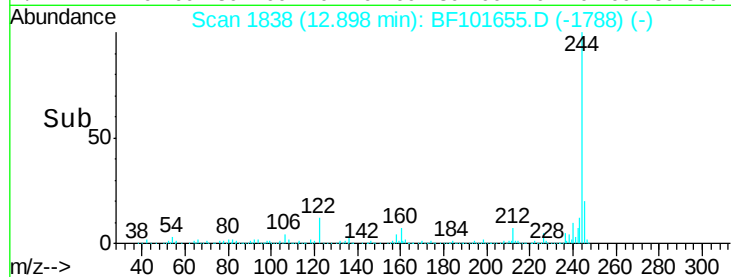
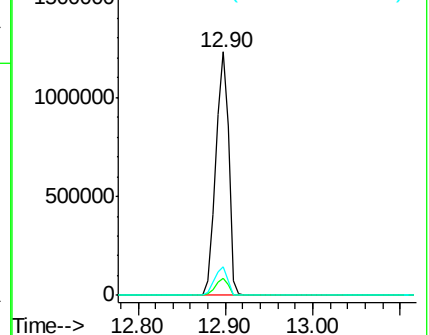
122 11.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

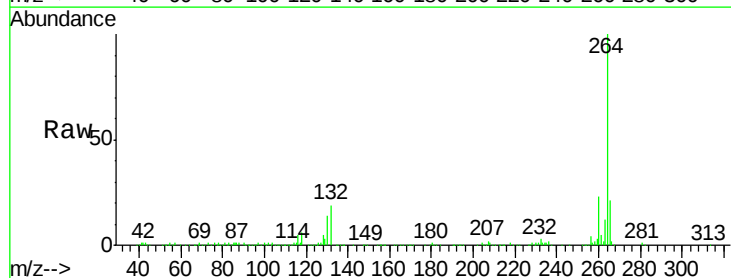
Tgt Ion:264 Resp: 295055

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.3 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

