

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101661.D
 Acq On : 22 Dec 2017 18:48
 Operator : SJ/JU
 Sample : I7002-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)

Quant Time: Dec 22 22:34:19 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

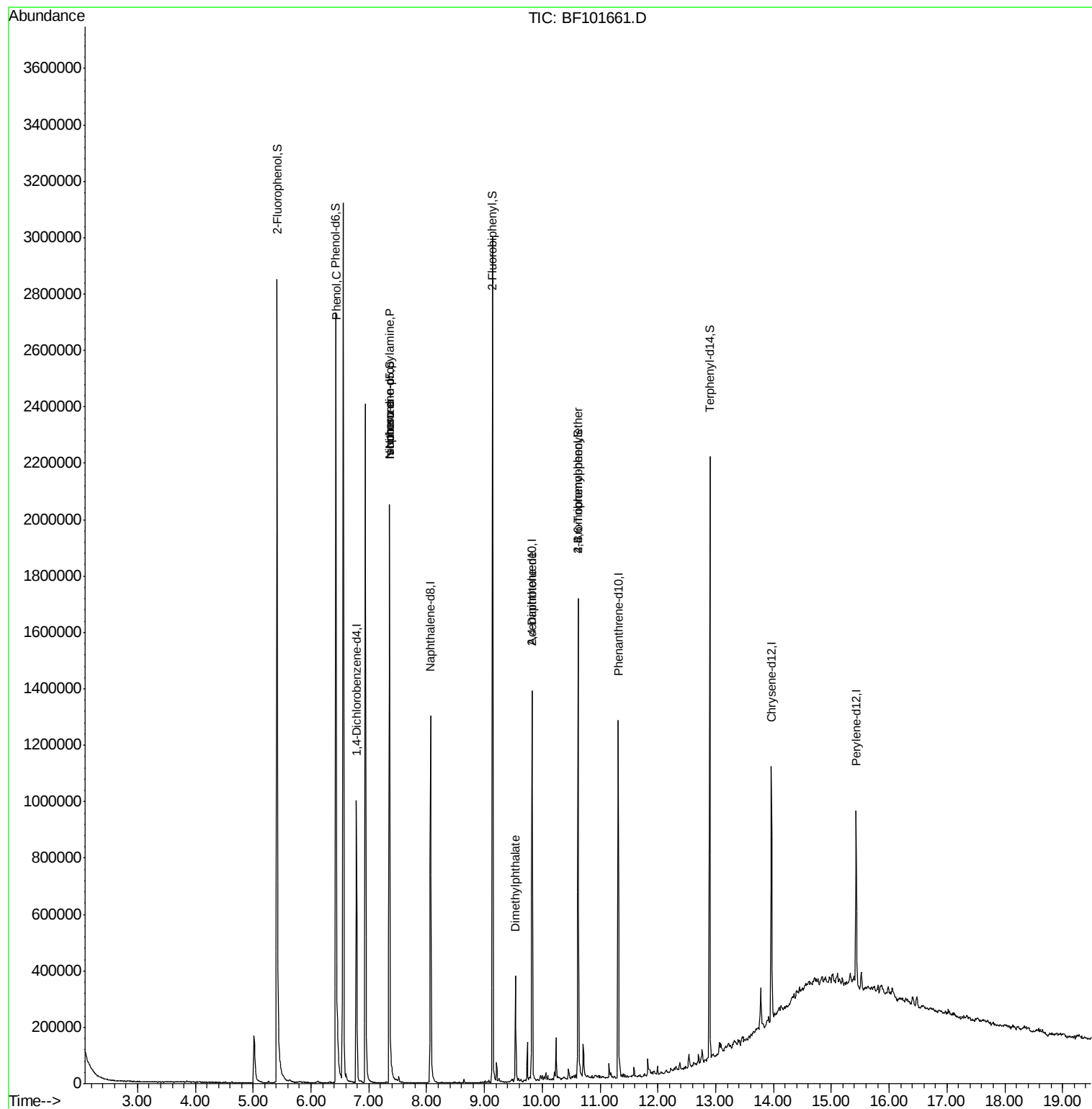
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150638	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	603704	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	258370	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	444856	20.00	ng	0.00
75) Chrysene-d12	13.96	240	304445	20.00	ng	0.00
86) Perylene-d12	15.43	264	299507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	975321	96.44	ng	0.00
7) Phenol-d6	6.43	99	1166288	92.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	727373	67.07	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	229569	92.21	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1019170	61.19	ng	0.00
78) Terphenyl-d14	12.90	244	740742	58.66	ng	0.00
Target Compounds						
10) Phenol	6.44	94	46609	3.249	ng	# 69
19) n-Nitroso-di-n-propylamine	7.36	70	96906	11.724	ng	# 85
25) Isophorone	7.36	82	727370	33.433	ng	# 64
49) Dimethylphthalate	9.54	163	144127	6.935	ng	# 99
56) 2,4-Dinitrotoluene	9.82	165	33554	7.051	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	14530	2.907	ng	# 1

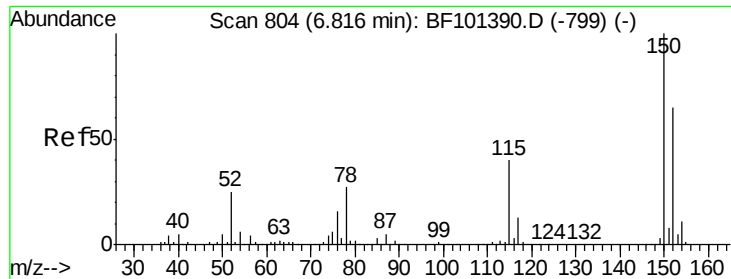
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



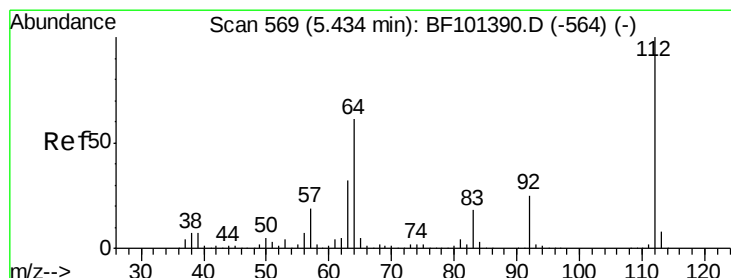
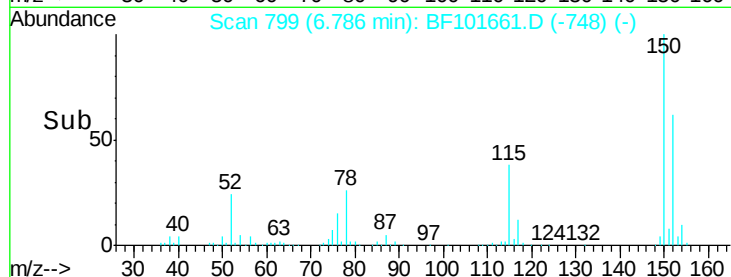
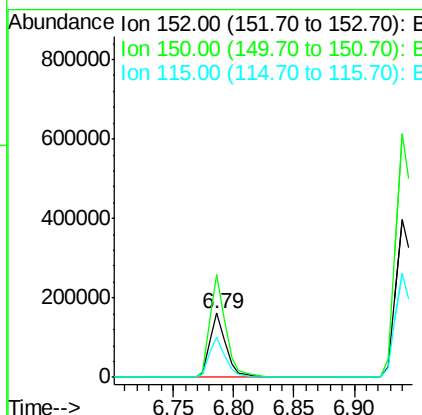
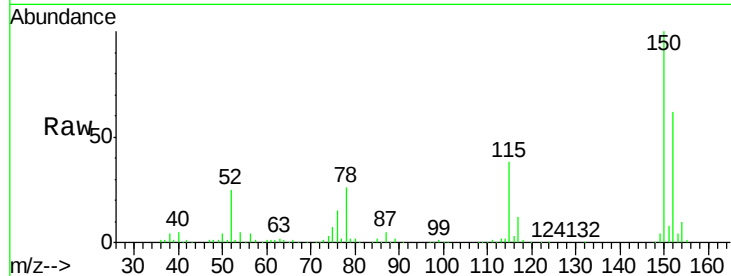


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)

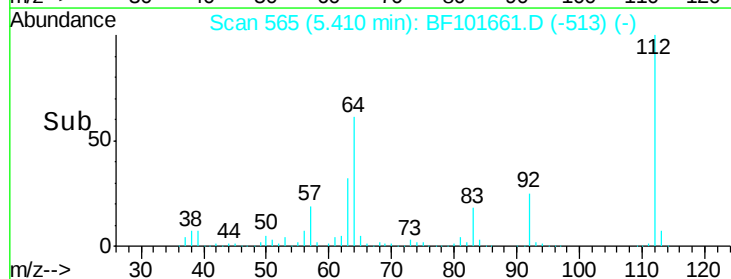
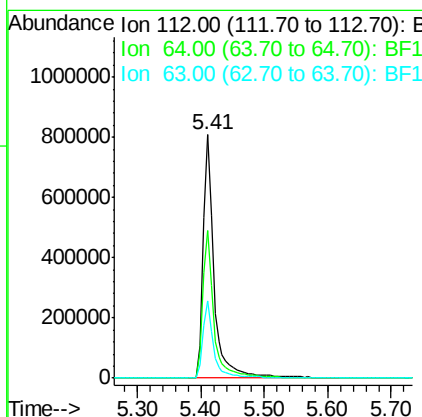
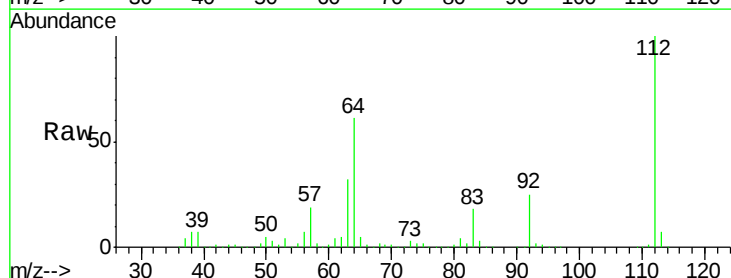
Tot Ion:152 Resp: 150638
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 61.8 50.1 75.1

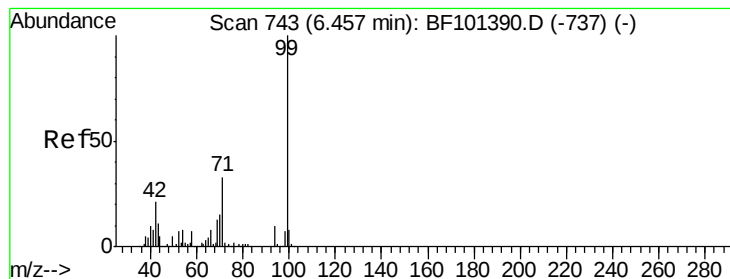


#5

2-Fluorophenol
Concen: 96.444 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion:112 Resp: 975321
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 92.667 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)

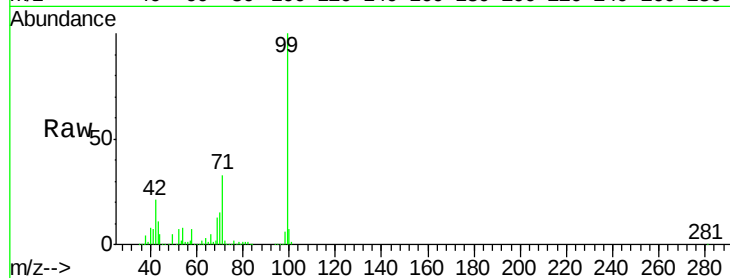
Tot Ion: 99 Resp: 1166288

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

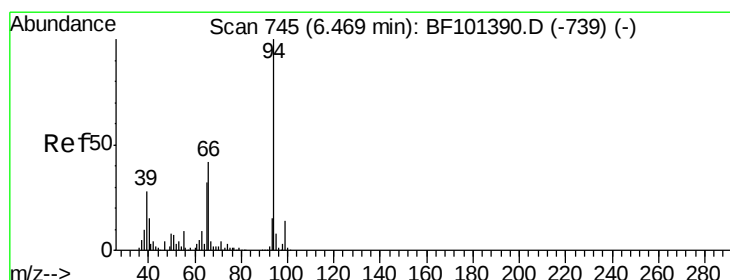
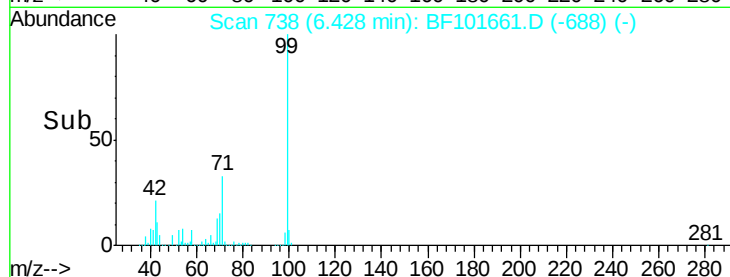
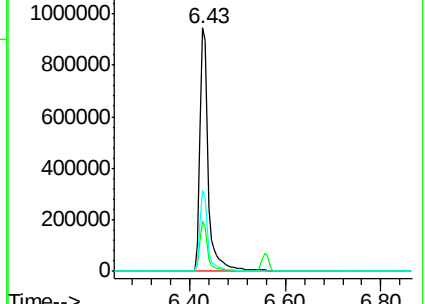
71 33.5 25.4 38.0



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: 3.249 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

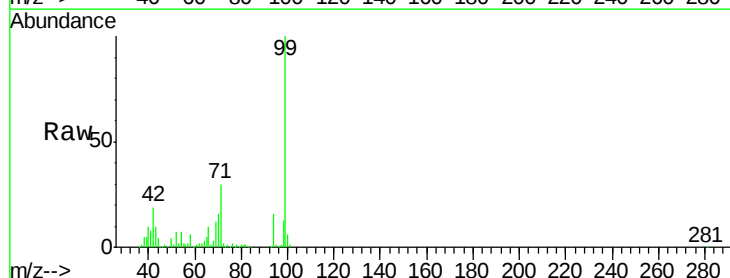
Tgt Ion: 94 Resp: 46609

Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

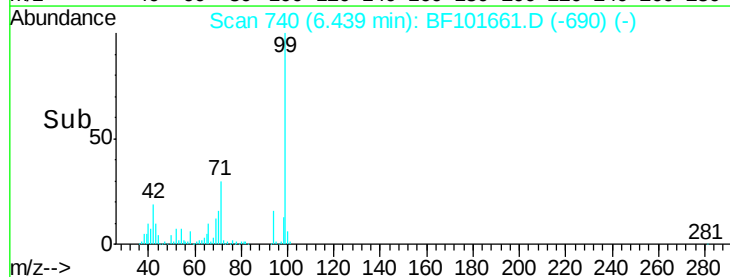
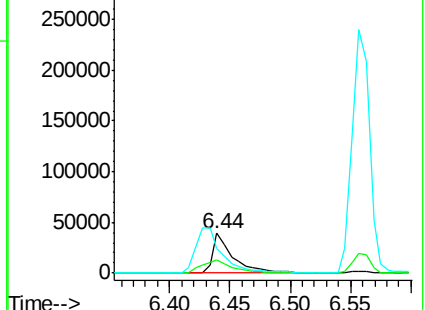
66 62.5 16.2 56.2#

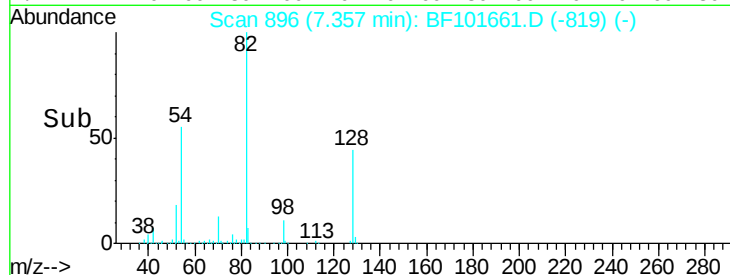
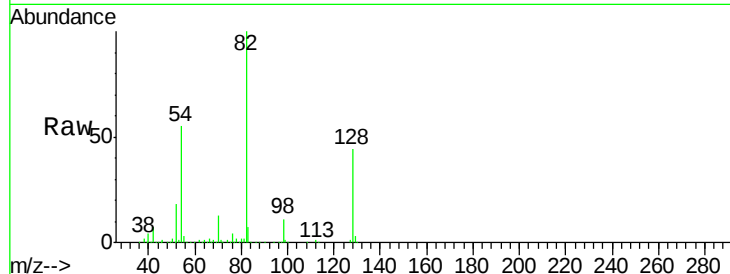
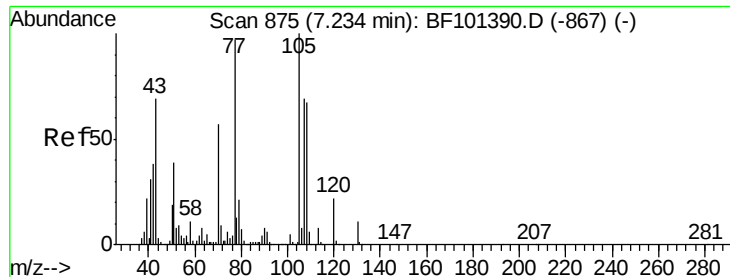


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

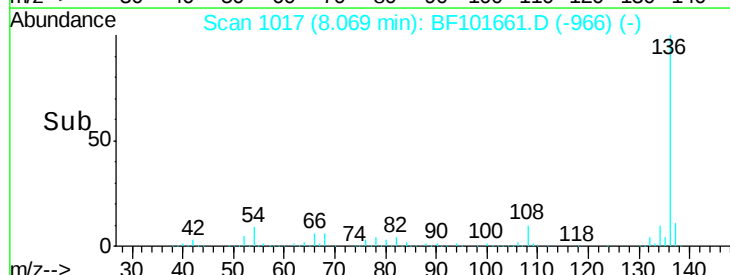
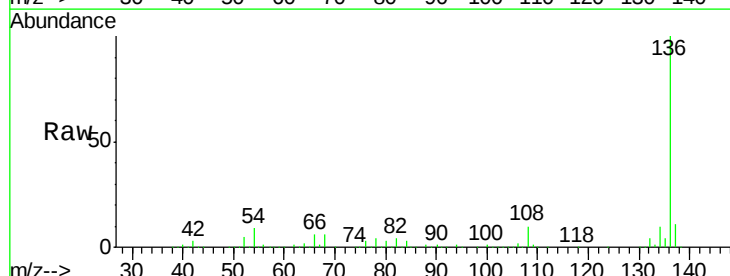
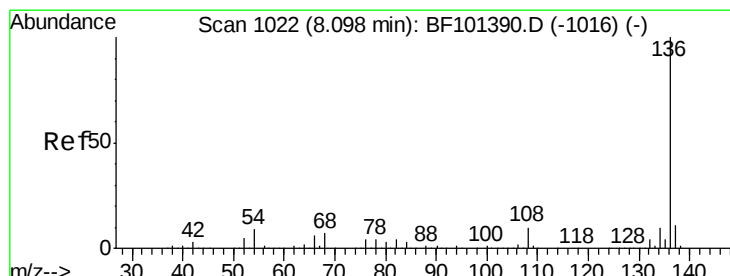
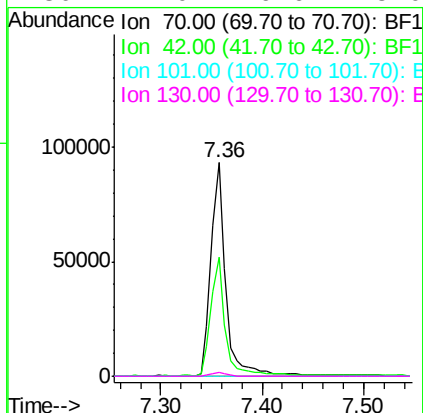




#19
n-Nitroso-di-n-propylamine
Concen: 11.724 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

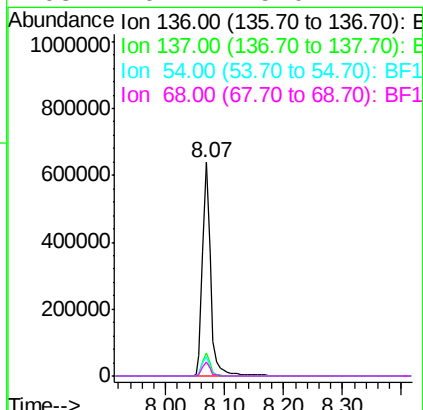
Instrument :
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ClientSampleId :
EPE-106-3DS(16-20)

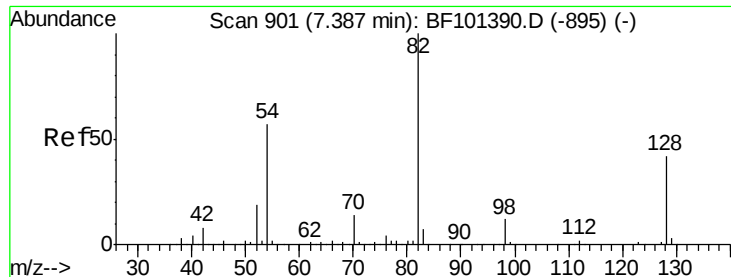
Tot Ion: 70 Resp: 96906
Ion Ratio Lower Upper
70 100
42 55.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion:136 Resp: 603704
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.1 6.6 9.8
68 6.4 5.0 7.4

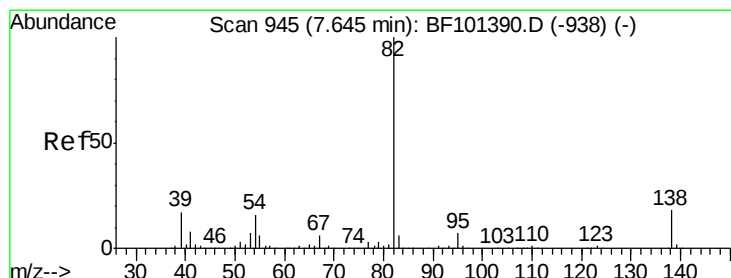
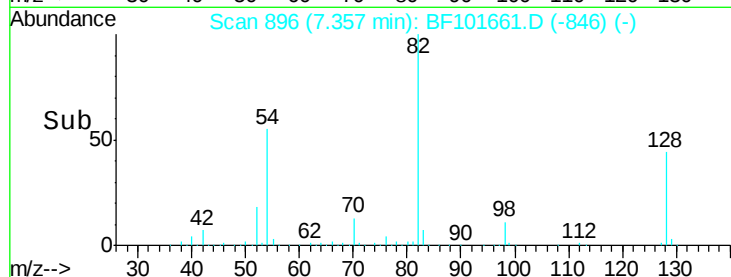
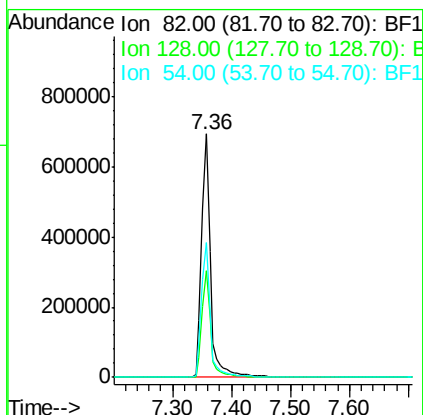
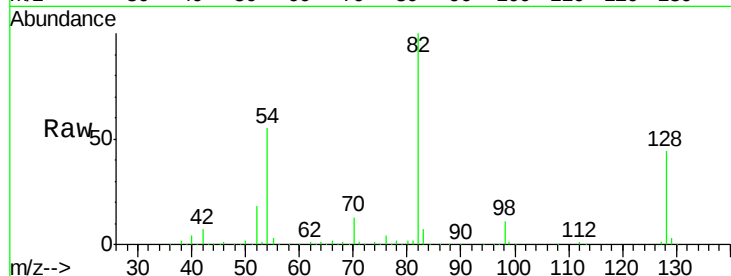




#23
Nitrobenzene-d5
Concen: 67.069 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

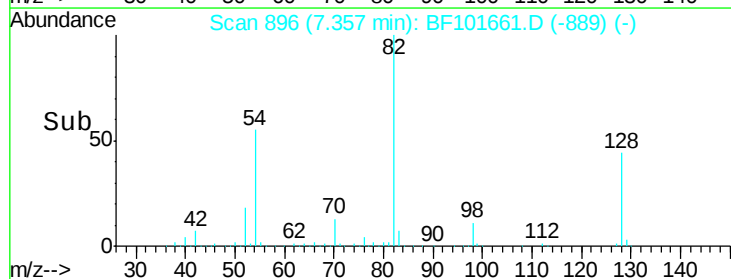
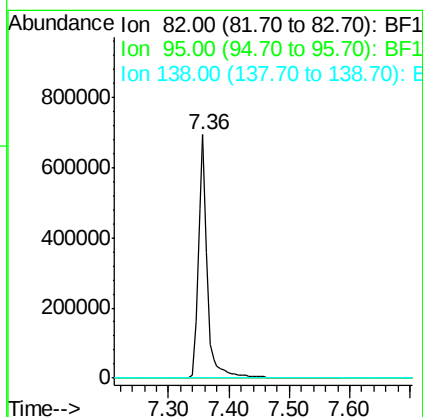
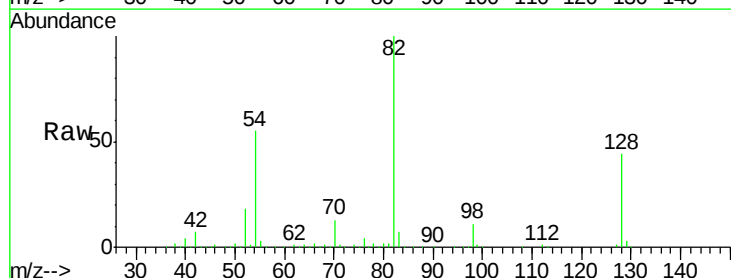
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)

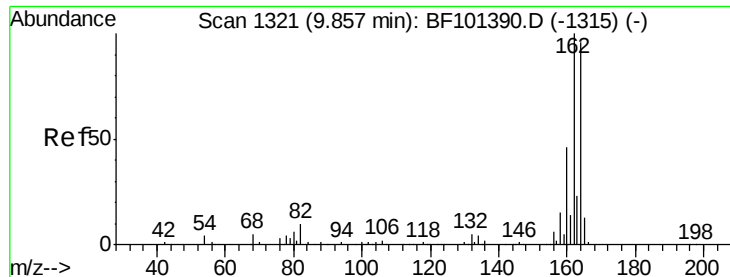
Tot Ion: 82 Resp: 727373
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 55.4 41.4 62.2



#25
Isophorone
Concen: 33.433 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion: 82 Resp: 727370
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. -0.01 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)

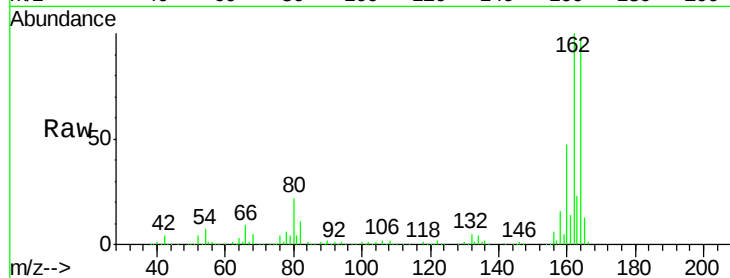
Tot Ion:164 Resp: 258370

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

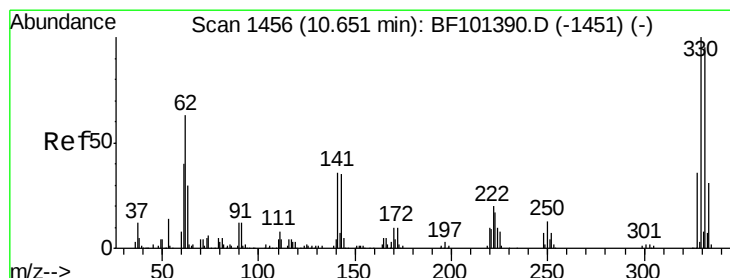
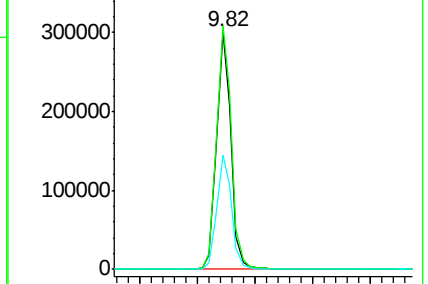
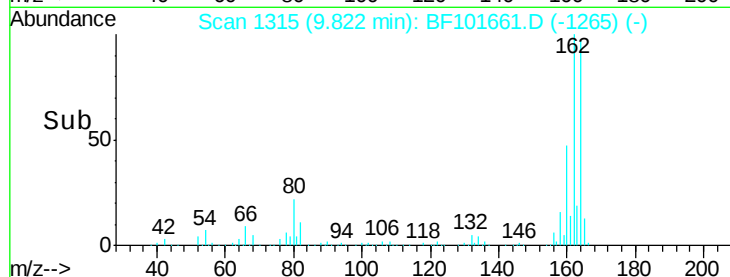
160 48.4 38.3 57.5



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: 92.211 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

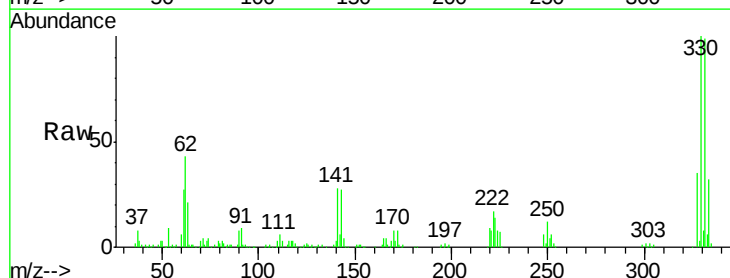
Tgt Ion:330 Resp: 229569

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

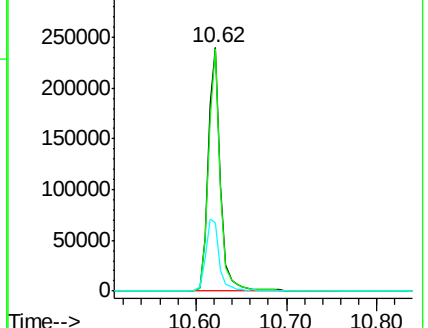
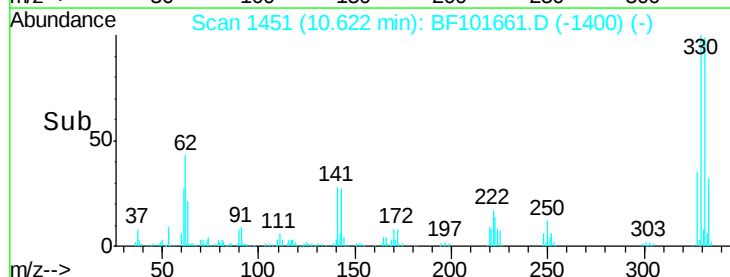
141 32.9 29.9 44.9

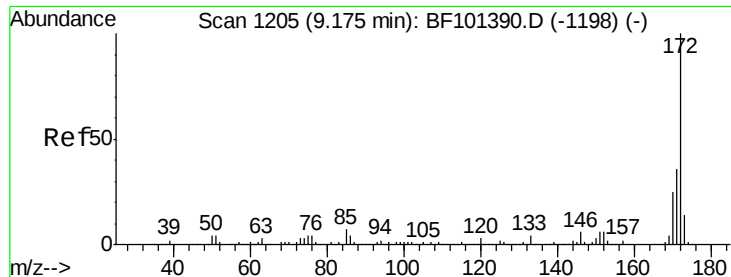


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

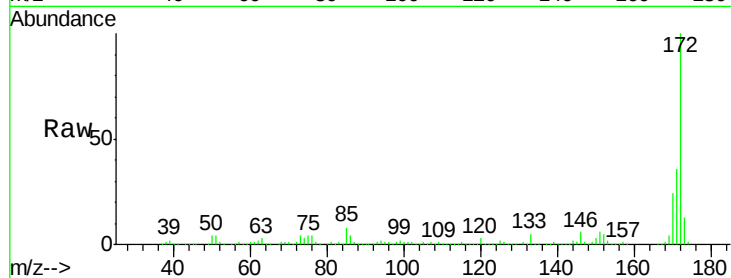




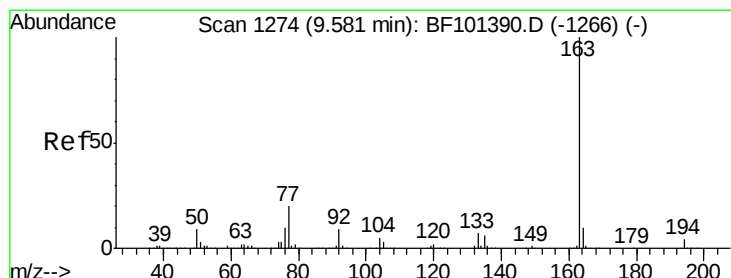
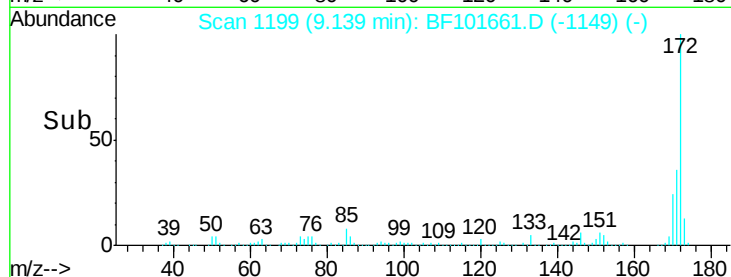
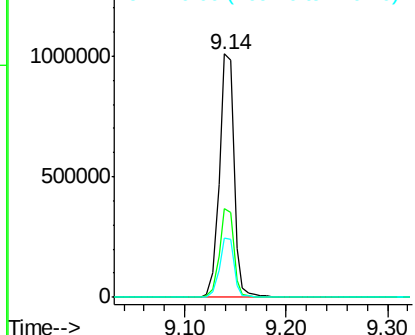
#44
2-Fluorobiphenyl
Concen: 61.190 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Instrument :
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EPE-106-3DS(16-20)

Tot Ion:172 Resp: 1019170
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4

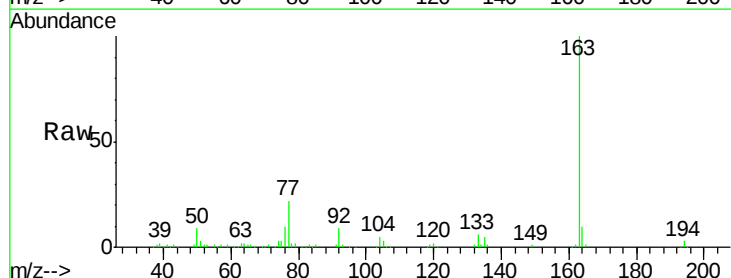


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

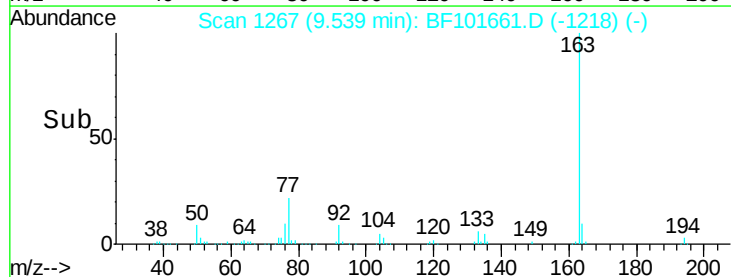
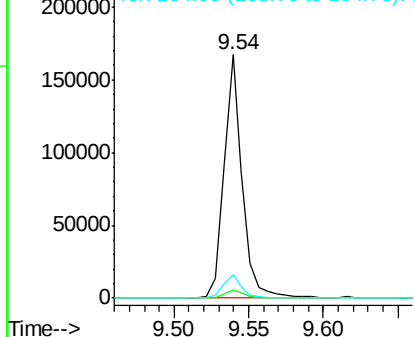


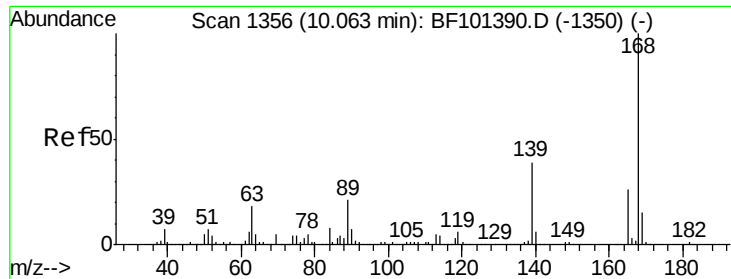
#49
Dimethylphthalate
Concen: 6.935 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion:163 Resp: 144127
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

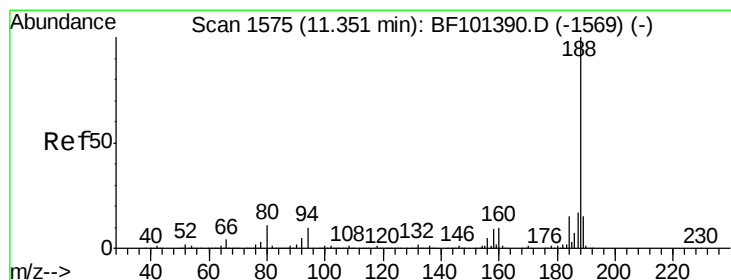
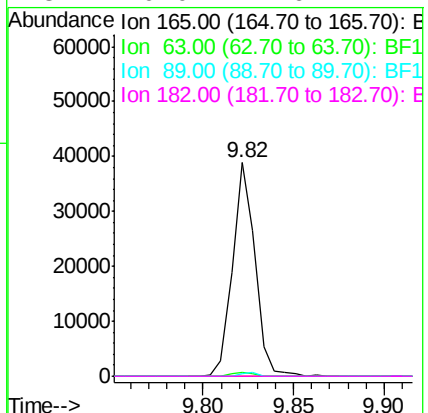
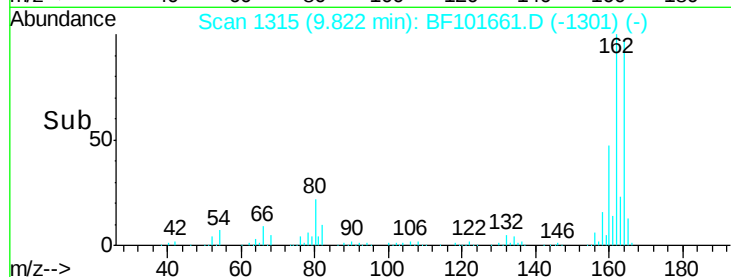
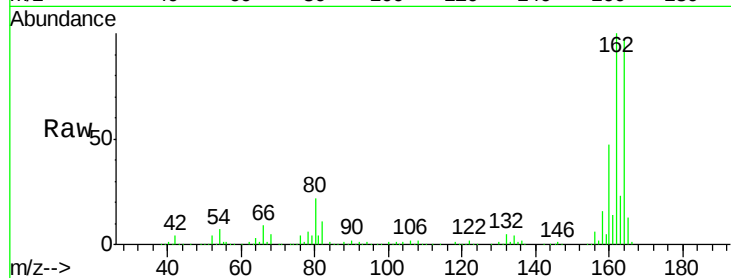




#56
2,4-Dinitrotoluene
Concen: 7.051 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

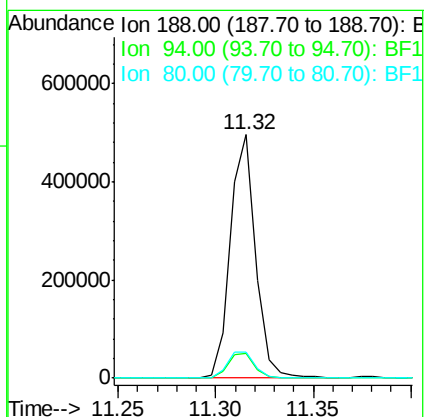
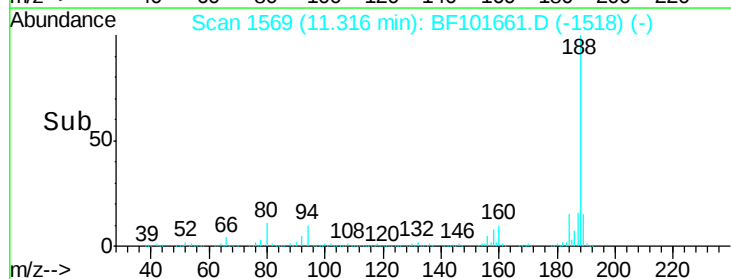
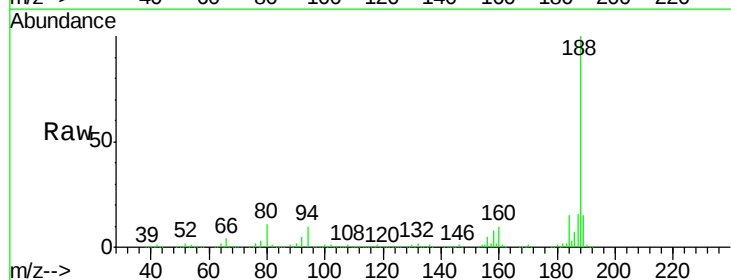
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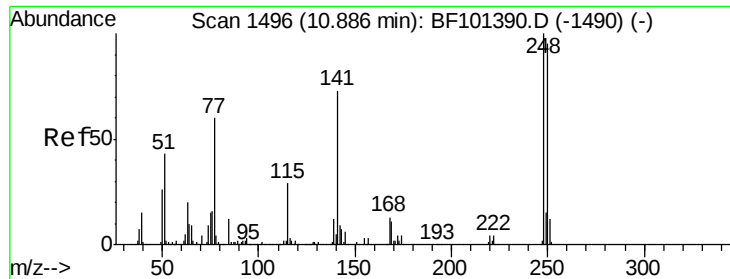
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8

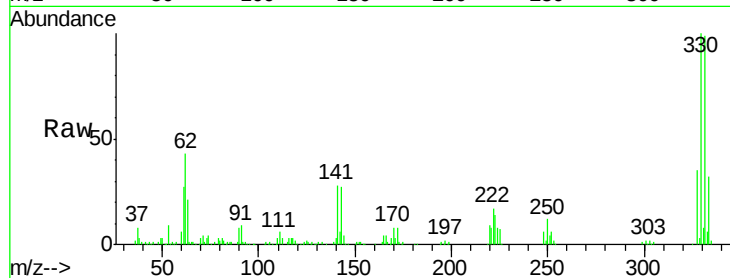




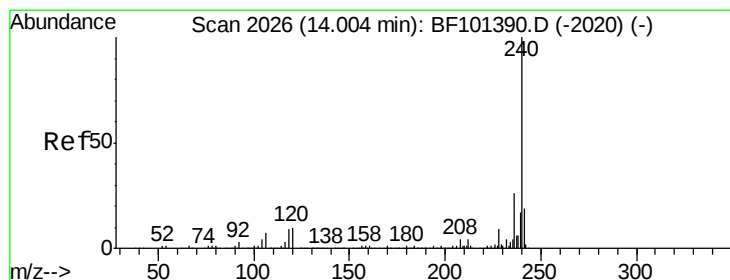
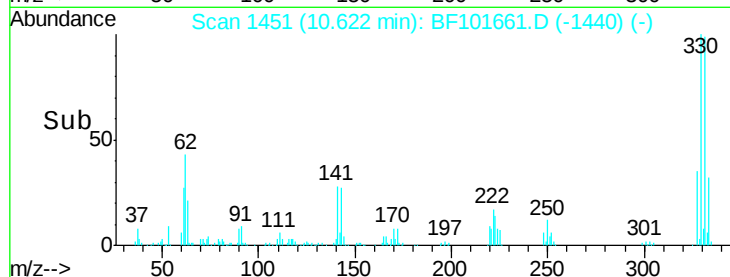
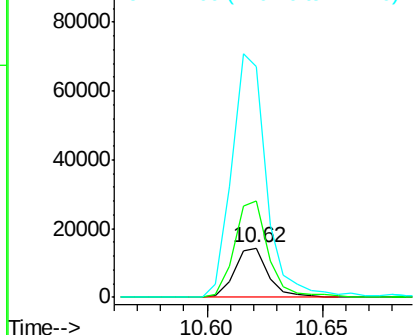
#66
4-Bromophenyl-phenylether
Concen: 2.907 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)

Tot Ion:248 Resp: 14530
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 469.6 74.4 111.6#

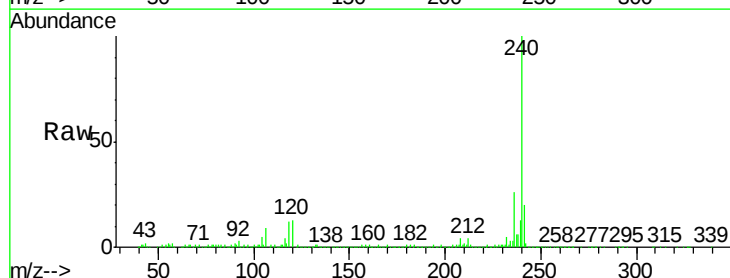


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

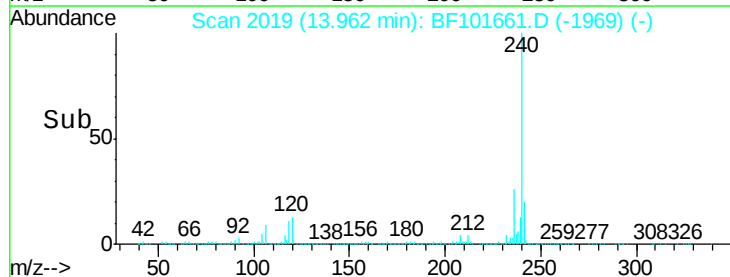
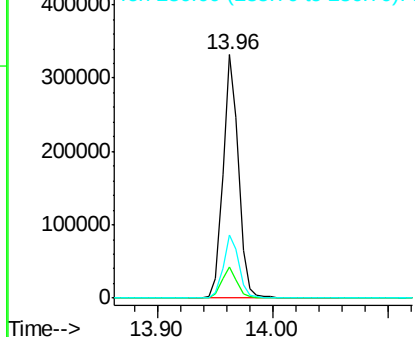


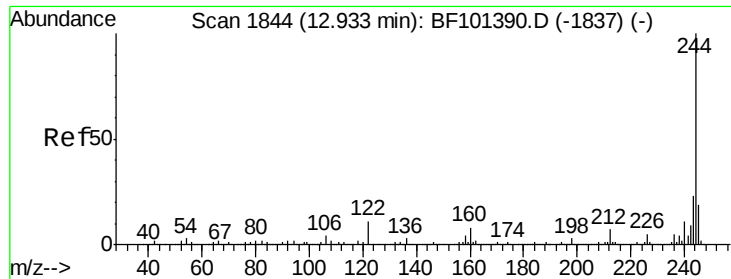
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion:240 Resp: 304445
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 26.0 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: 58.656 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)

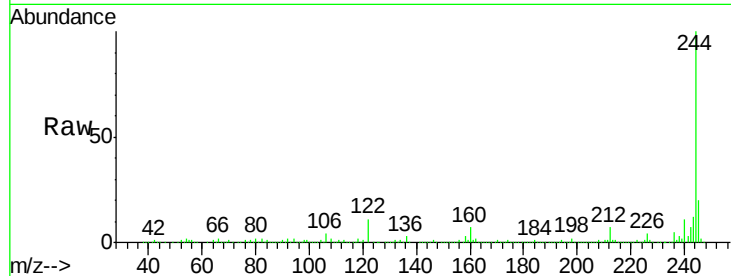
Tot Ion:244 Resp: 740742

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

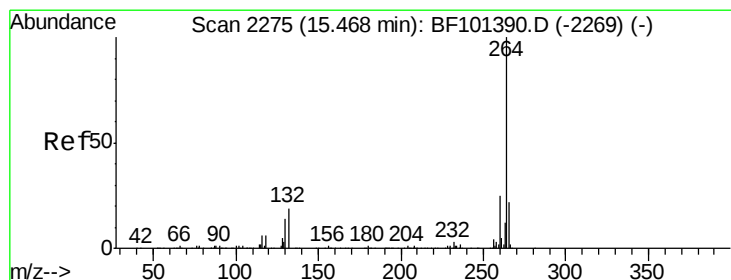
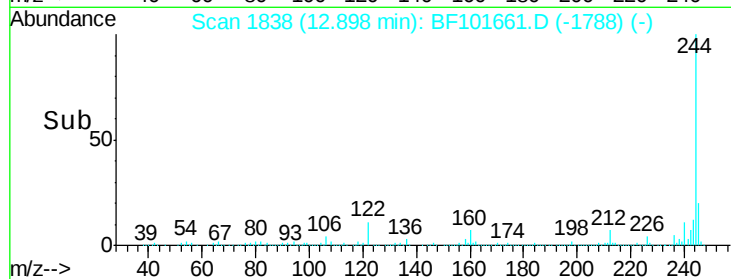
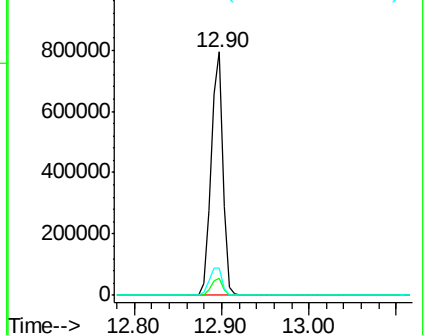
122 11.4 11.0 16.4



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: BF101661.D

Acq: 22 Dec 2017 18:48

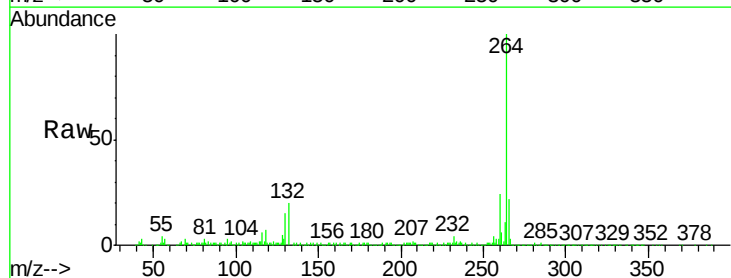
Tgt Ion:264 Resp: 299507

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.4 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

