

Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101896.D
 Acq On : 4 Jan 2018 17:41
 Operator : SJ/JU
 Sample : J1012-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 23:53:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

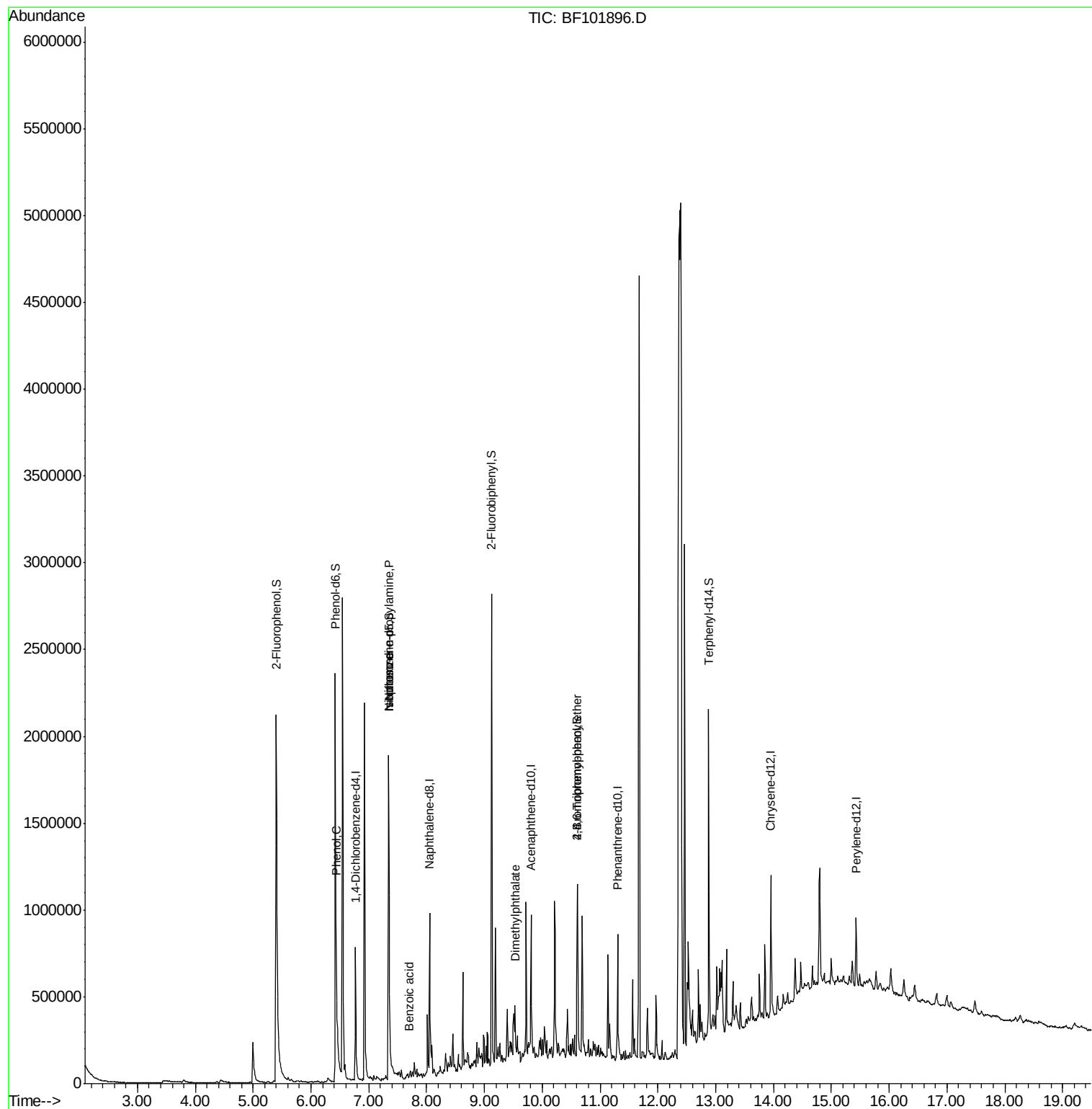
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	129015	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	473541	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	168286	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	265445	20.00	ng	0.00
75) Chrysene-d12	13.96	240	267774	20.00	ng	0.00
86) Perylene-d12	15.43	264	216706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	979468	113.09	ng	0.00
7) Phenol-d6	6.42	99	1152385	106.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	707627	83.18	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	134071	82.68	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	894699	82.47	ng	0.00
78) Terphenyl-d14	12.89	244	672009	60.50	ng	0.00
Target Compounds						
10) Phenol	6.44	94	42703	3.476	ng	# 39
19) n-Nitroso-di-n-propylamine	7.35	70	94382	13.333	ng	# 84
25) Isophorone	7.35	82	707627	41.466	ng	# 64
32) Benzoic acid	7.69	122	107	7.980	ng	# 6
49) Dimethylphthalate	9.53	163	80230	5.927	ng	# 99
66) 4-Bromophenyl-phenylether	10.61	248	8891	2.981	ng	# 1

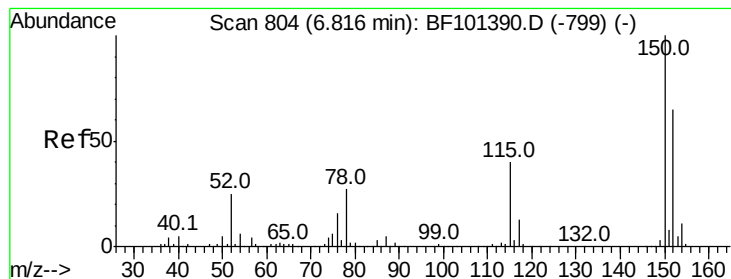
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 04 23:53:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

Instrument :

BNA_F

ClientSampleId :

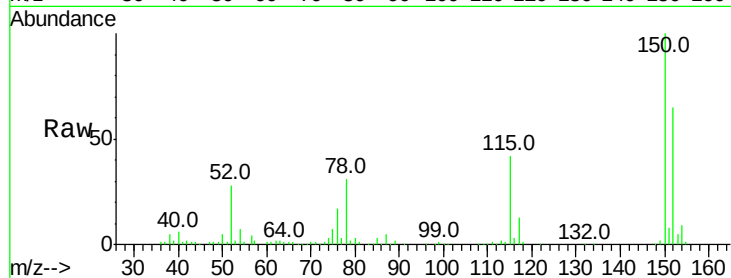
Tot Ion:152 Resp: 129015

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

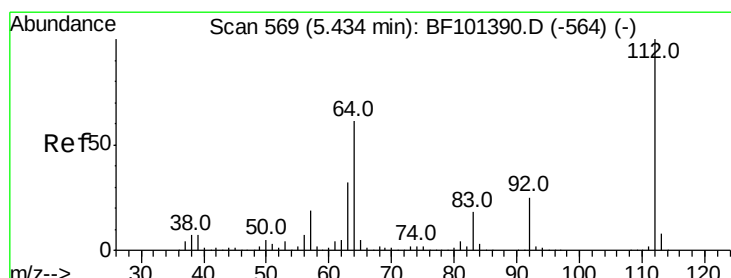
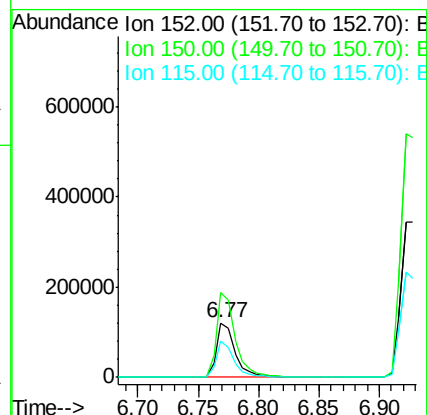
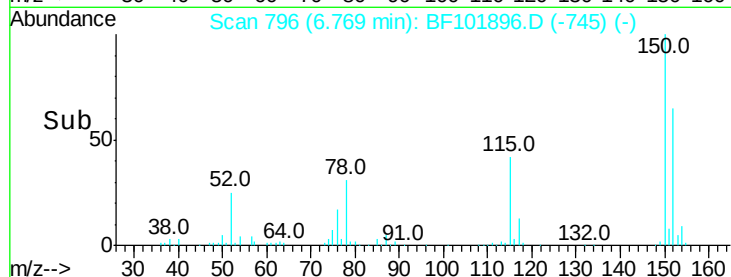
115 65.3 50.1 75.1



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: 113.087 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

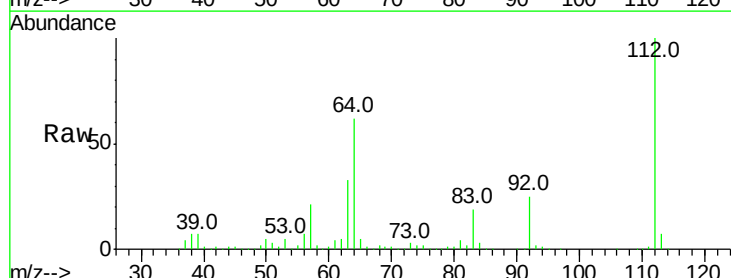
Tgt Ion:112 Resp: 979468

Ion Ratio Lower Upper

112 100

64 62.2 47.9 71.9

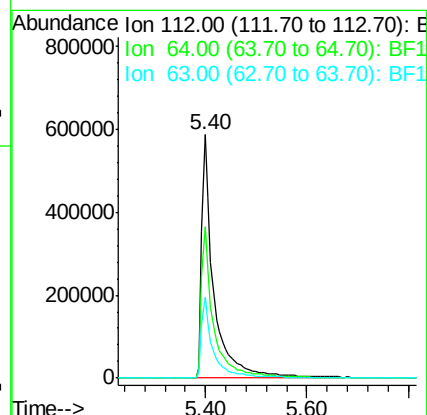
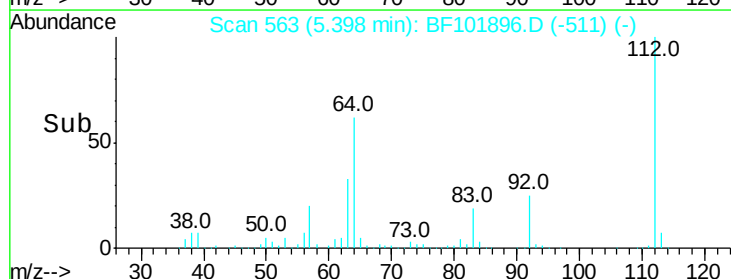
63 33.1 23.7 35.5

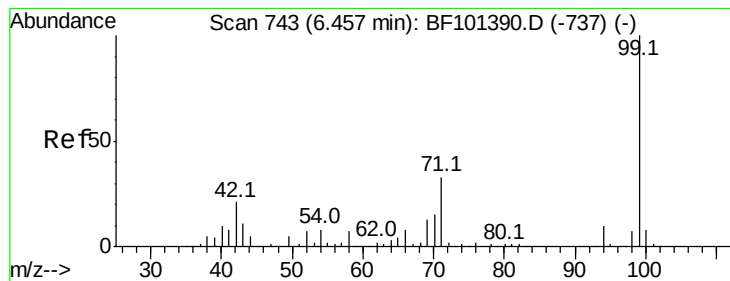


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.909 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

Instrument :

BNA_F

ClientSampled :

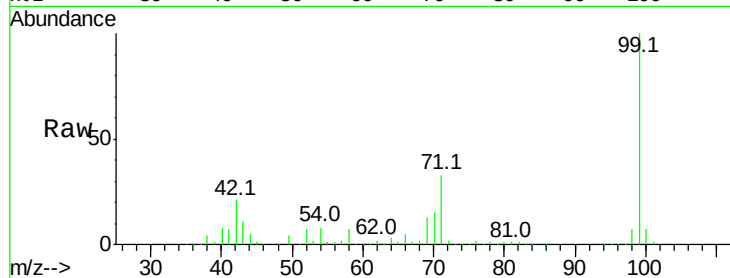
Tot Ion: 99 Resp: 1152385

Ion Ratio Lower Upper

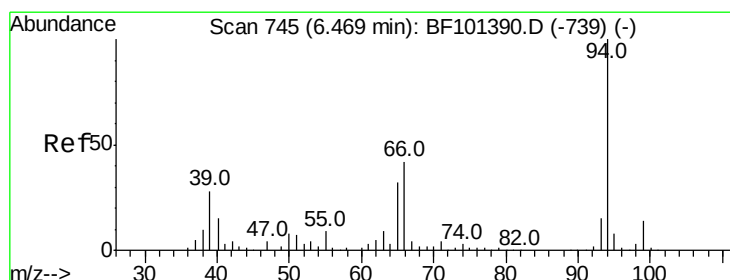
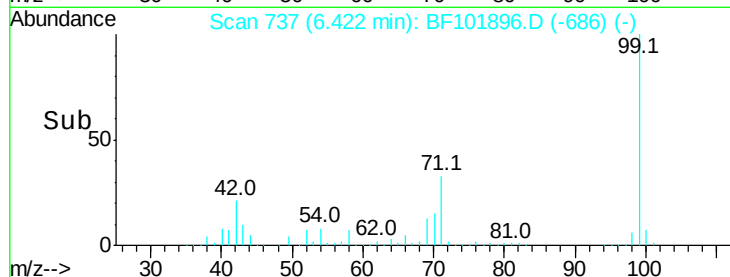
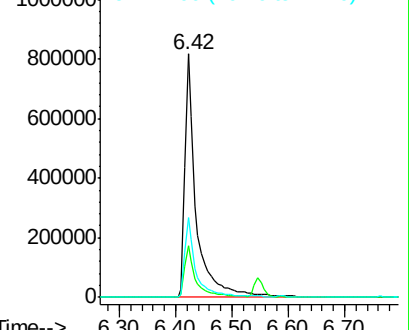
99 100

42 21.2 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: 3.476 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

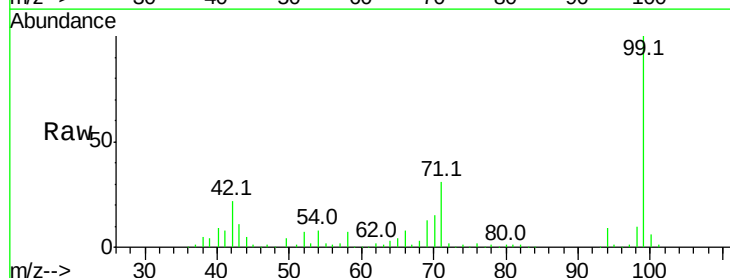
Tgt Ion: 94 Resp: 42703

Ion Ratio Lower Upper

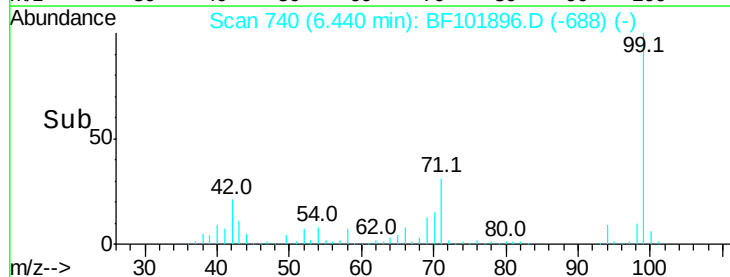
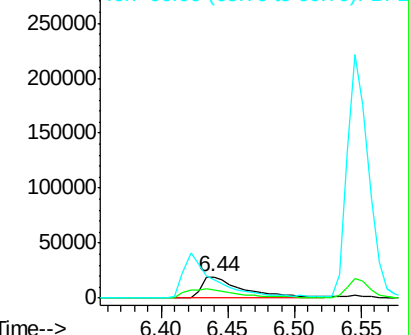
94 100

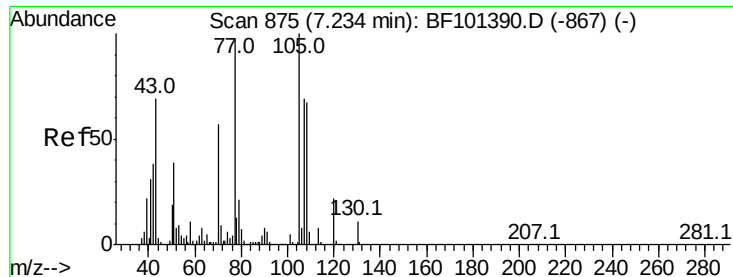
65 41.1 7.9 47.9

66 88.9 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

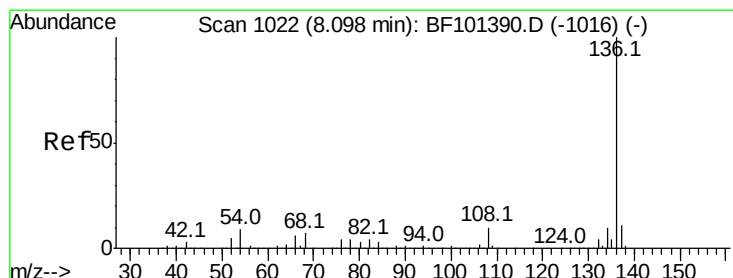
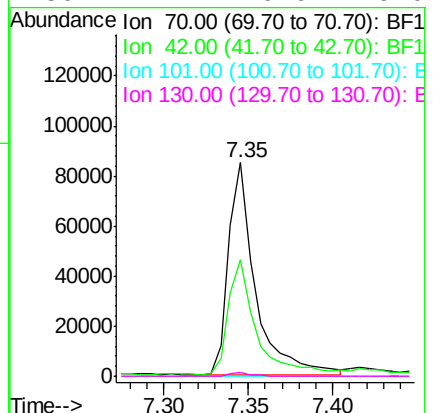
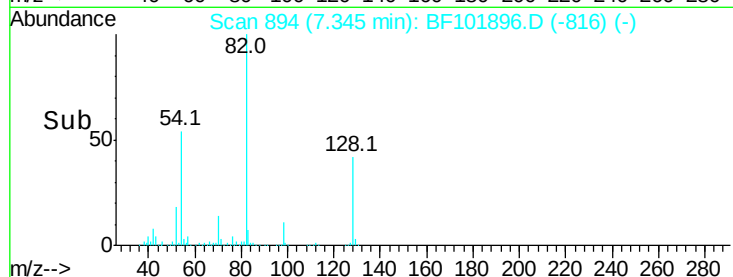
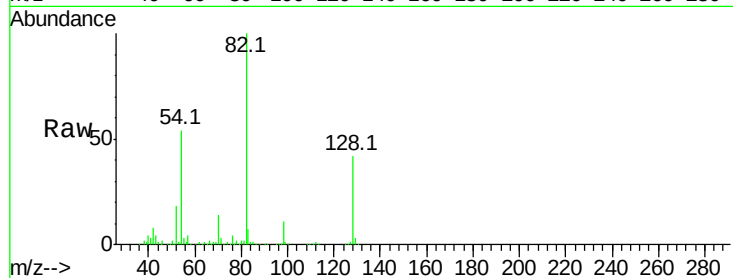




#19
n-Nitroso-di-n-propylamine
Concen: 13.333 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.16 min
Lab File: BF101896.D
Acq: 4 Jan 2018 17:41

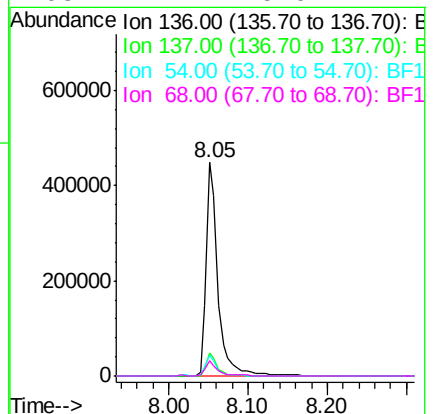
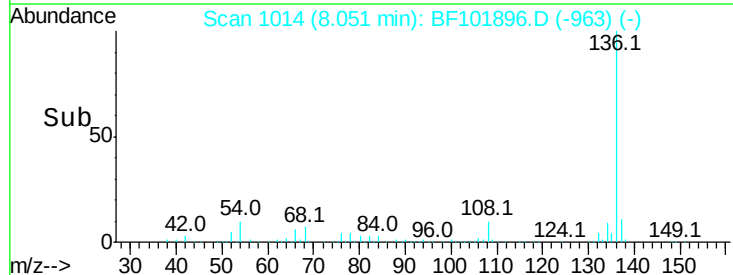
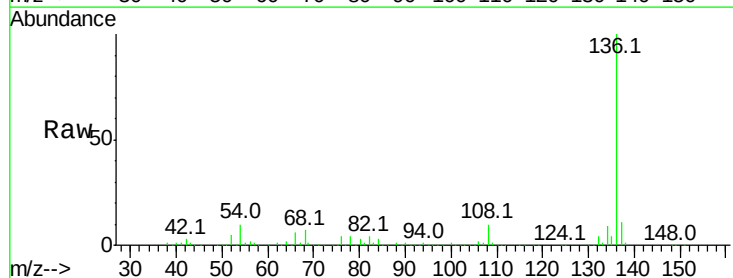
Instrument :
BNA_F
ClientSampleId :

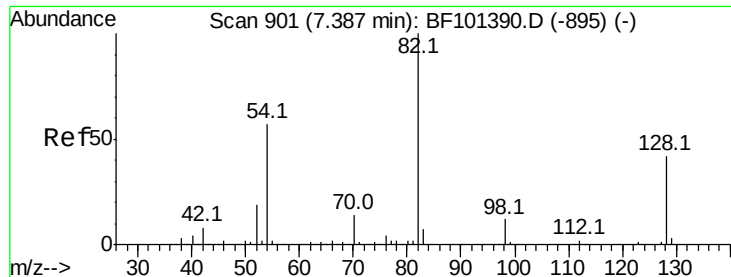
Tot Ion: 70 Resp: 94382
Ion Ratio Lower Upper
70 100
42 54.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101896.D
Acq: 4 Jan 2018 17:41

Tgt Ion: 136 Resp: 473541
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 6.6 9.8
68 7.1 5.0 7.4

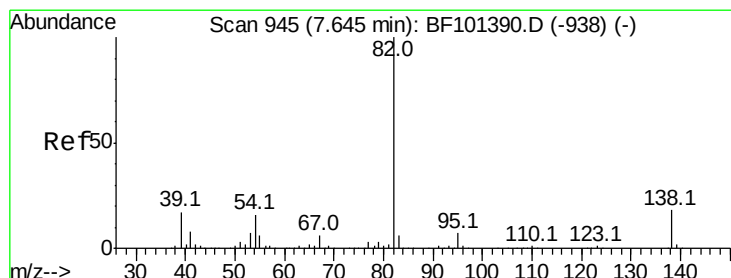
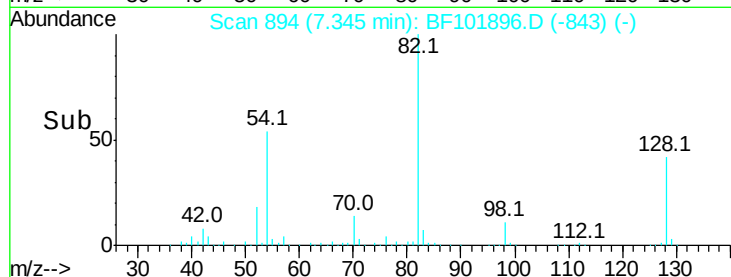
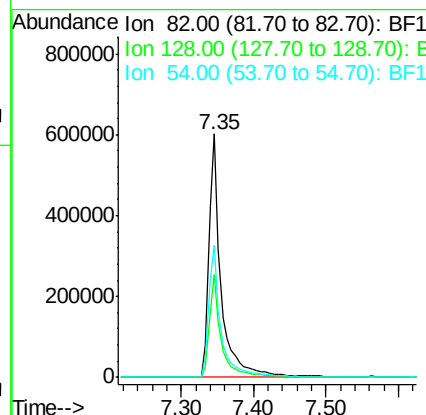
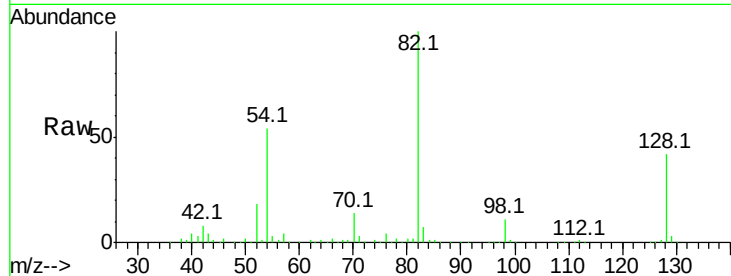




#23
 Nitrobenzene-d5
 Concen: 83.183 ng
 RT: 7.35 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BF101896.D
 Acq: 4 Jan 2018 17:41

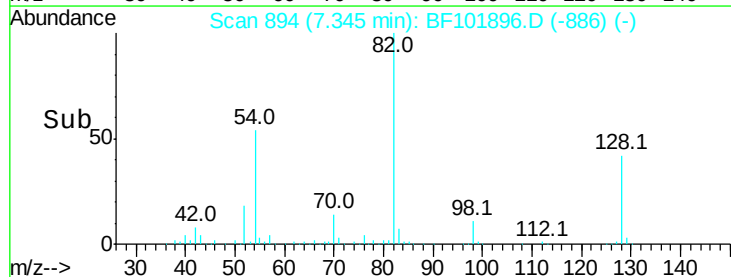
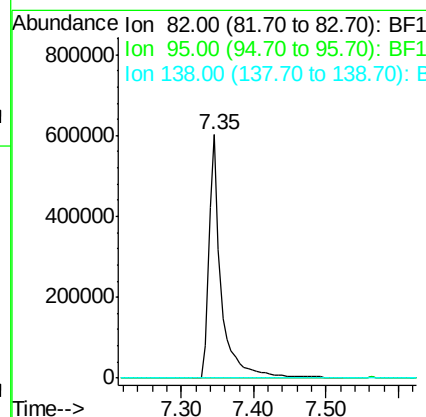
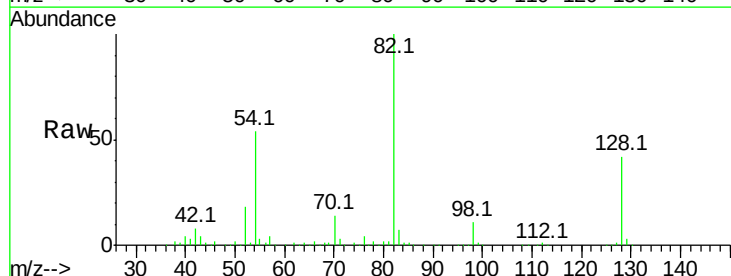
Instrument :
 BNA_F
 ClientSampleID :

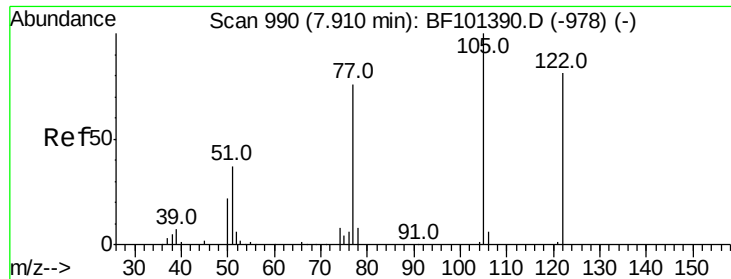
Tot Ion	82	Resp	707627
Ion Ratio	100	Lower	Upper
128	42.1	36.1	54.1
54	54.3	41.4	62.2



#25
 Isophorone
 Concen: 41.466 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.25 min
 Lab File: BF101896.D
 Acq: 4 Jan 2018 17:41

Tgt Ion	82	Resp	707627
Ion Ratio	100	Lower	Upper
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#





#32

Benzoic acid

Concen: 7.980 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.20 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

Instrument :

BNA_F

ClientSampleId :

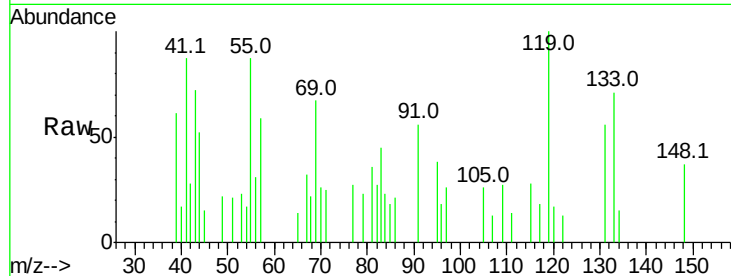
Tot Ion:122 Resp: 107

Ion Ratio Lower Upper

122 100

105 199.7 101.1 141.1#

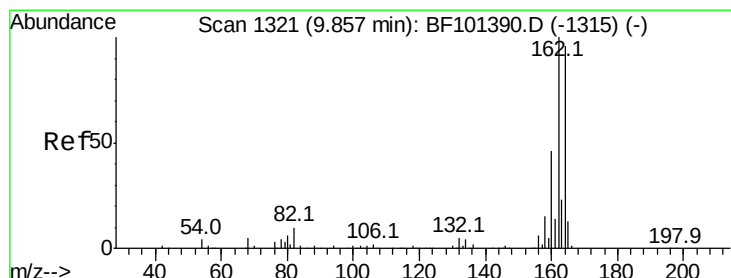
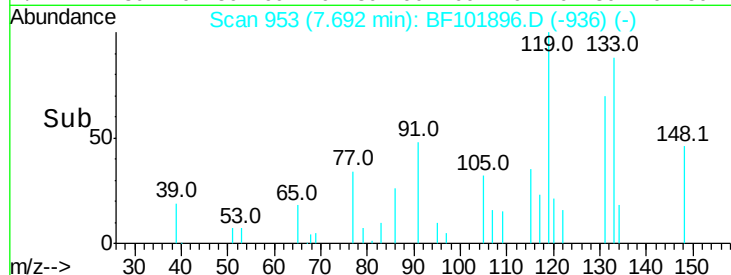
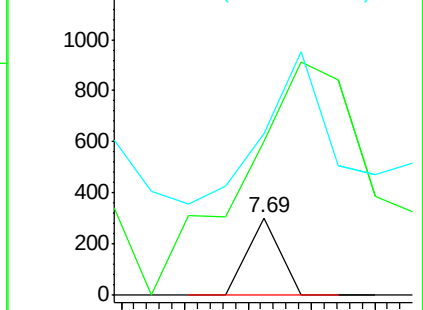
77 209.9 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

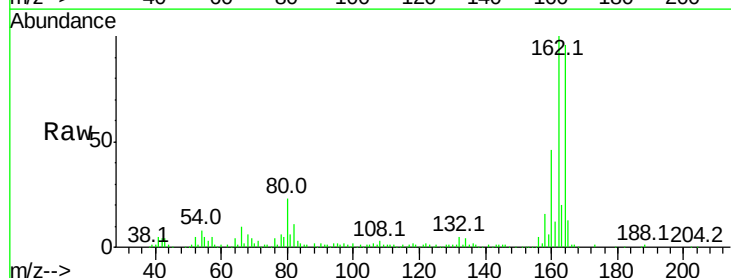
Tgt Ion:164 Resp: 168286

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

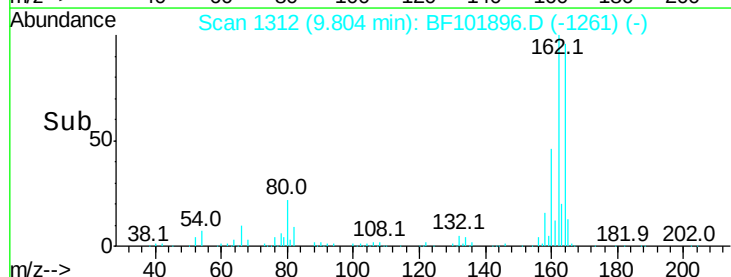
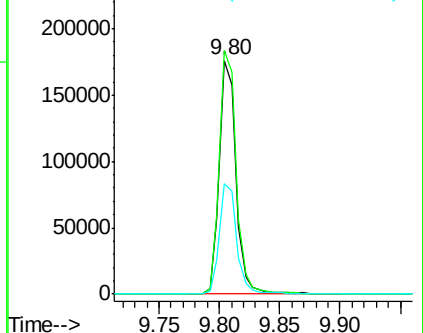
160 47.4 38.3 57.5

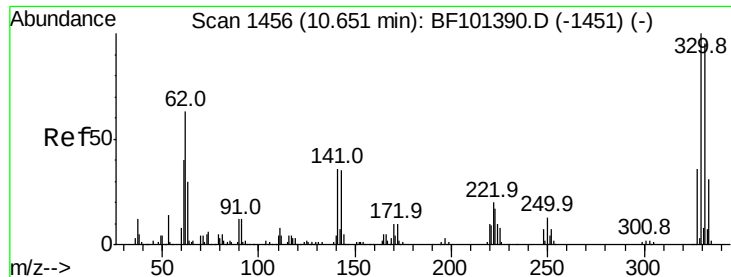


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

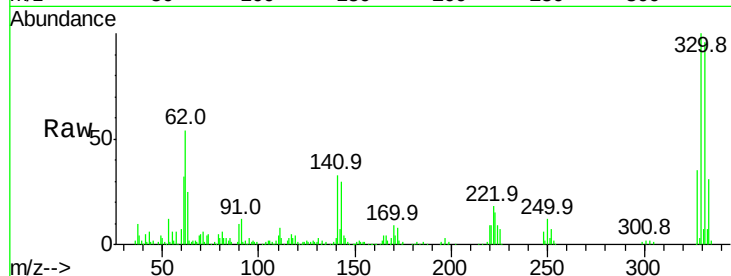




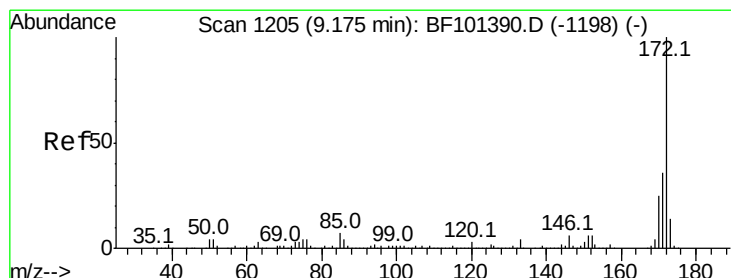
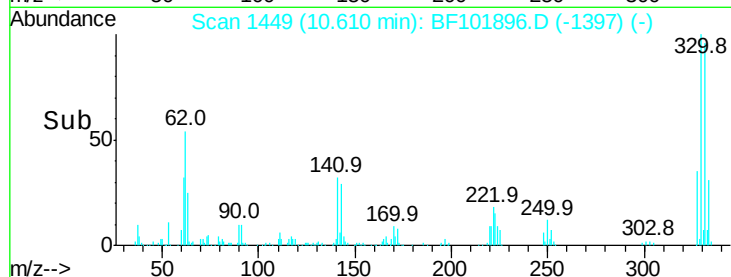
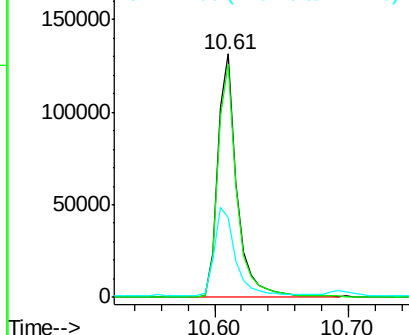
#41
 2,4,6-Tribromophenol
 Concen: 82.680 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF101896.D
 Acq: 4 Jan 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 134071
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 39.8 29.9 44.9

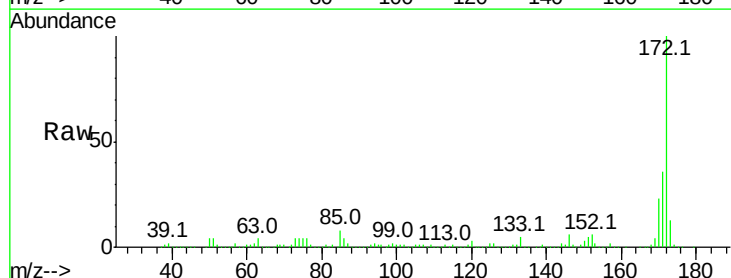


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

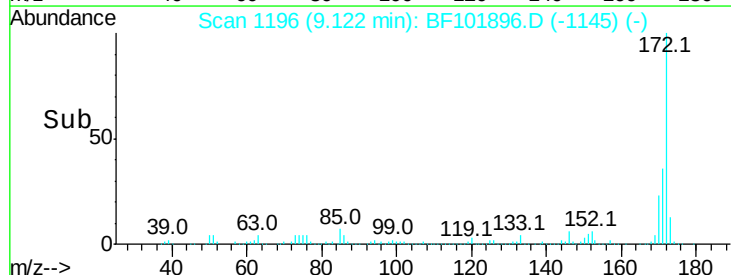
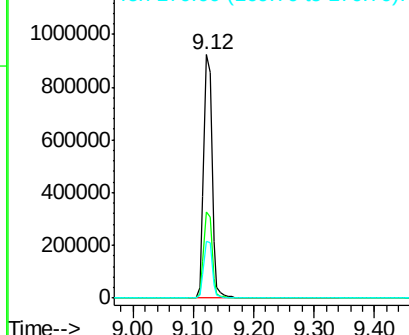


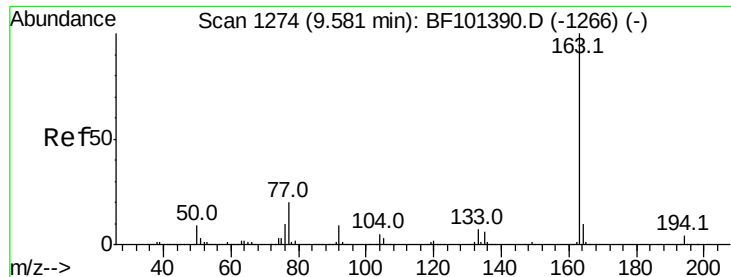
#44
 2-Fluorobiphenyl
 Concen: 82.472 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101896.D
 Acq: 4 Jan 2018 17:41

Tgt Ion:172 Resp: 894699
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.5 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: 5.927 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

Instrument :

BNA_F

ClientSampleId :

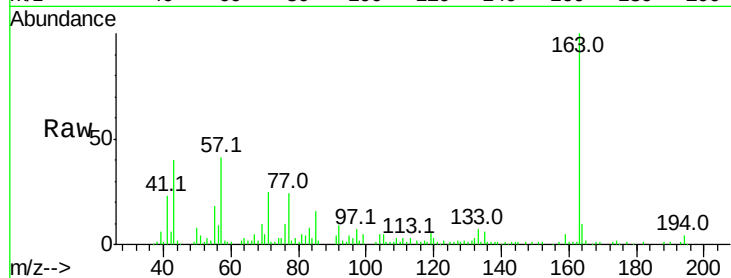
Tot Ion:163 Resp: 80230

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

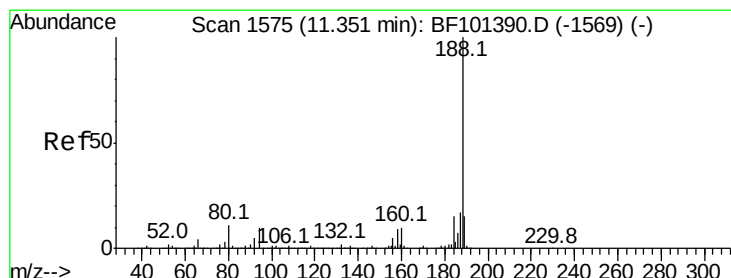
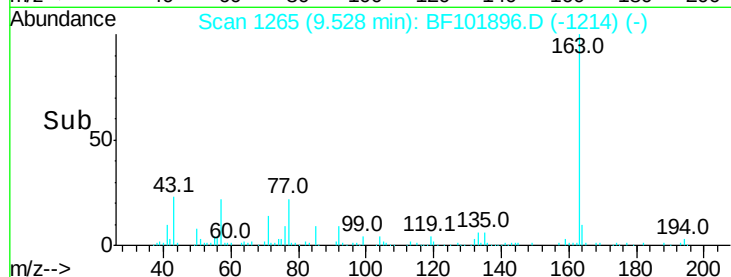
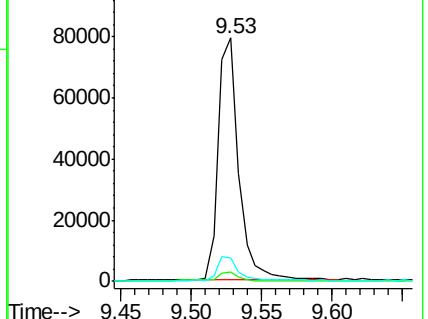
164 9.8 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

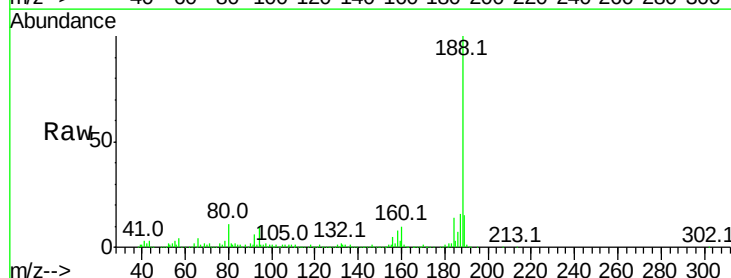
Tgt Ion:188 Resp: 265445

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

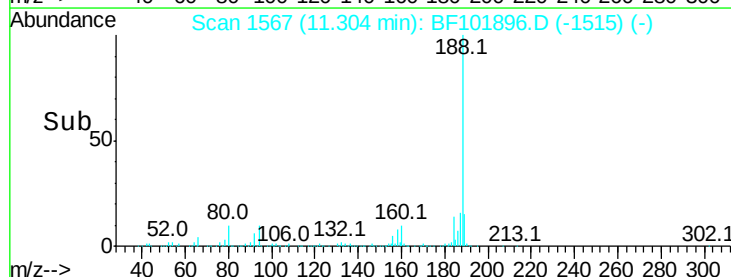
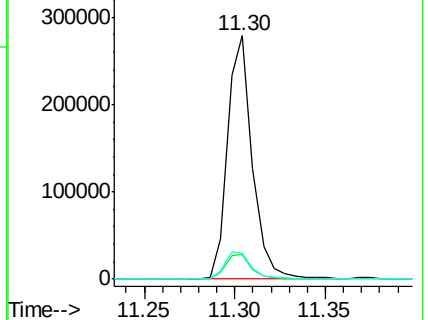
80 10.7 9.2 13.8

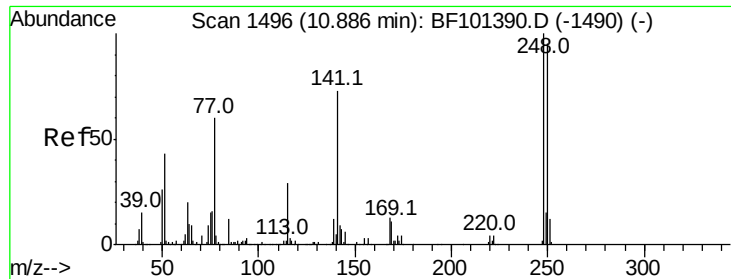


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

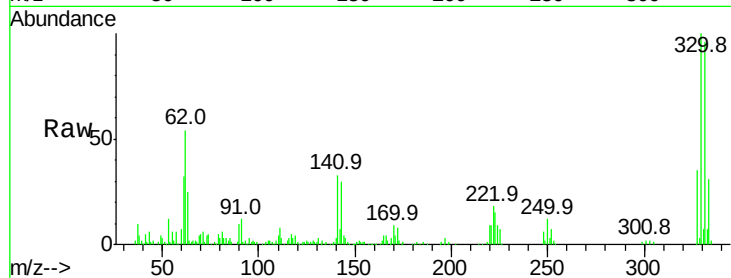




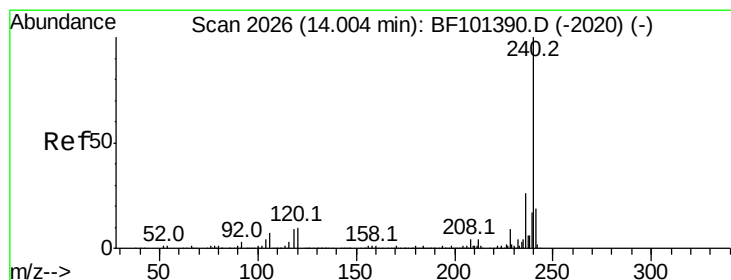
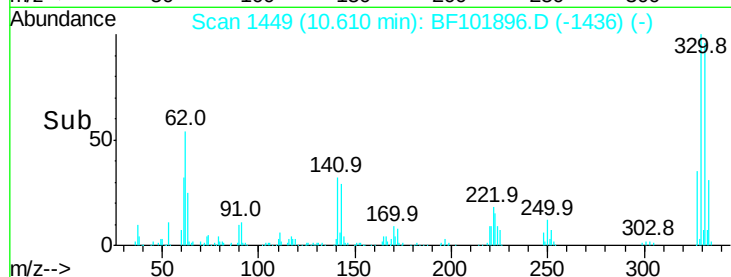
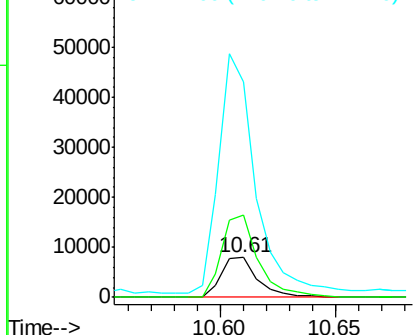
#66
4-Bromophenyl-phenylether
Concen: 2.981 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.22 min
Lab File: BF101896.D
Acq: 4 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8891
Ion Ratio Lower Upper
248 100
250 205.7 76.9 115.3#
141 538.7 74.4 111.6#

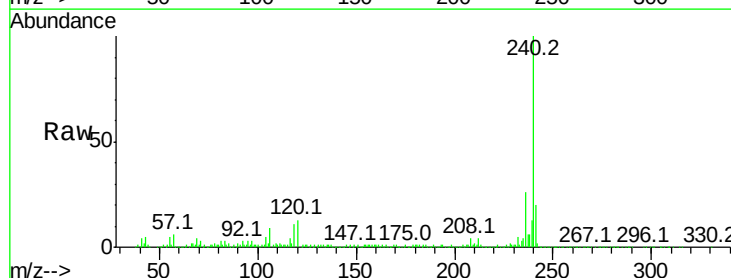


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

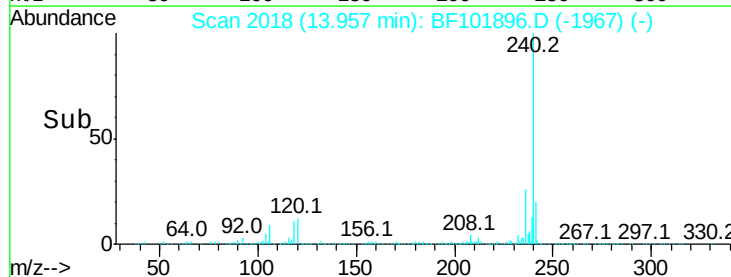
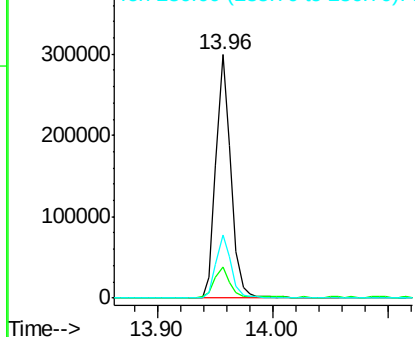


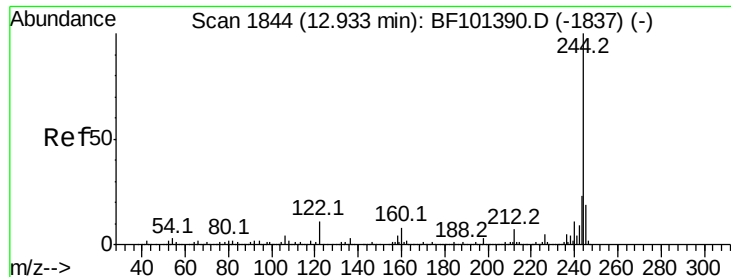
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101896.D
Acq: 4 Jan 2018 17:41

Tgt Ion:240 Resp: 267774
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.7 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: 60.501 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

Instrument :

BNA_F

ClientSampleId :

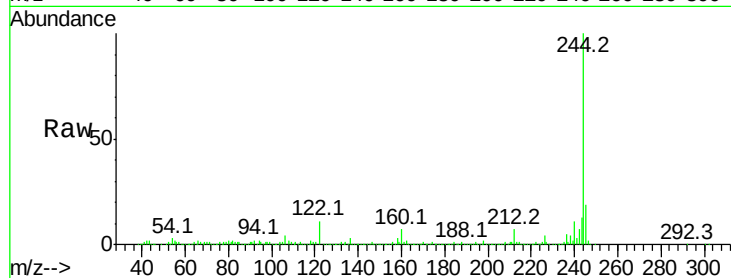
Tot Ion:244 Resp: 672009

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

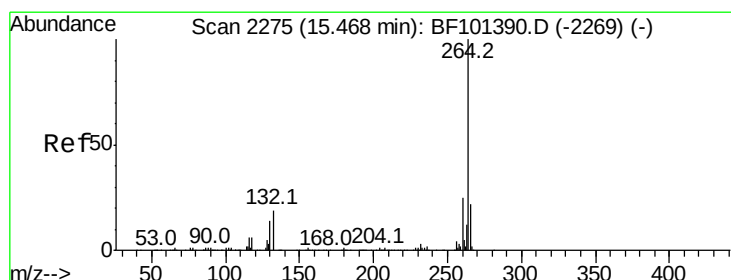
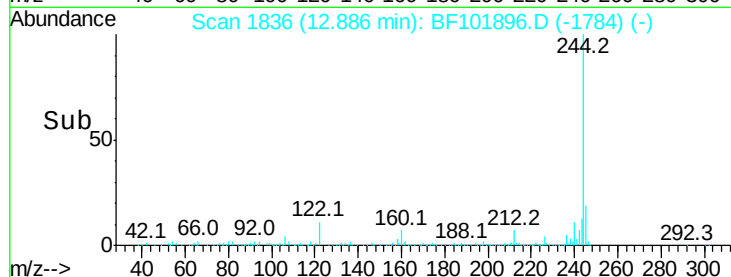
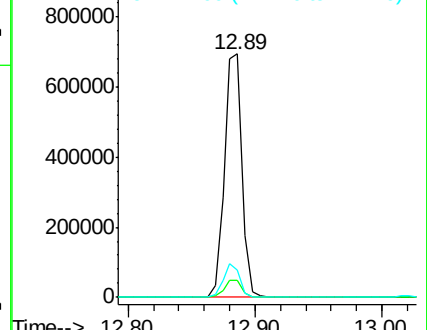
122 11.2 11.0 16.4



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. 0.01 min

Lab File: BF101896.D

Acq: 4 Jan 2018 17:41

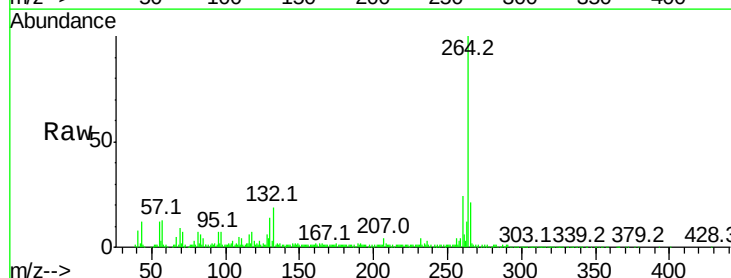
Tgt Ion:264 Resp: 216706

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.2 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

