

Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101894.D
 Acq On : 4 Jan 2018 16:47
 Operator : SJ/JU
 Sample : J1012-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 23:52:18 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

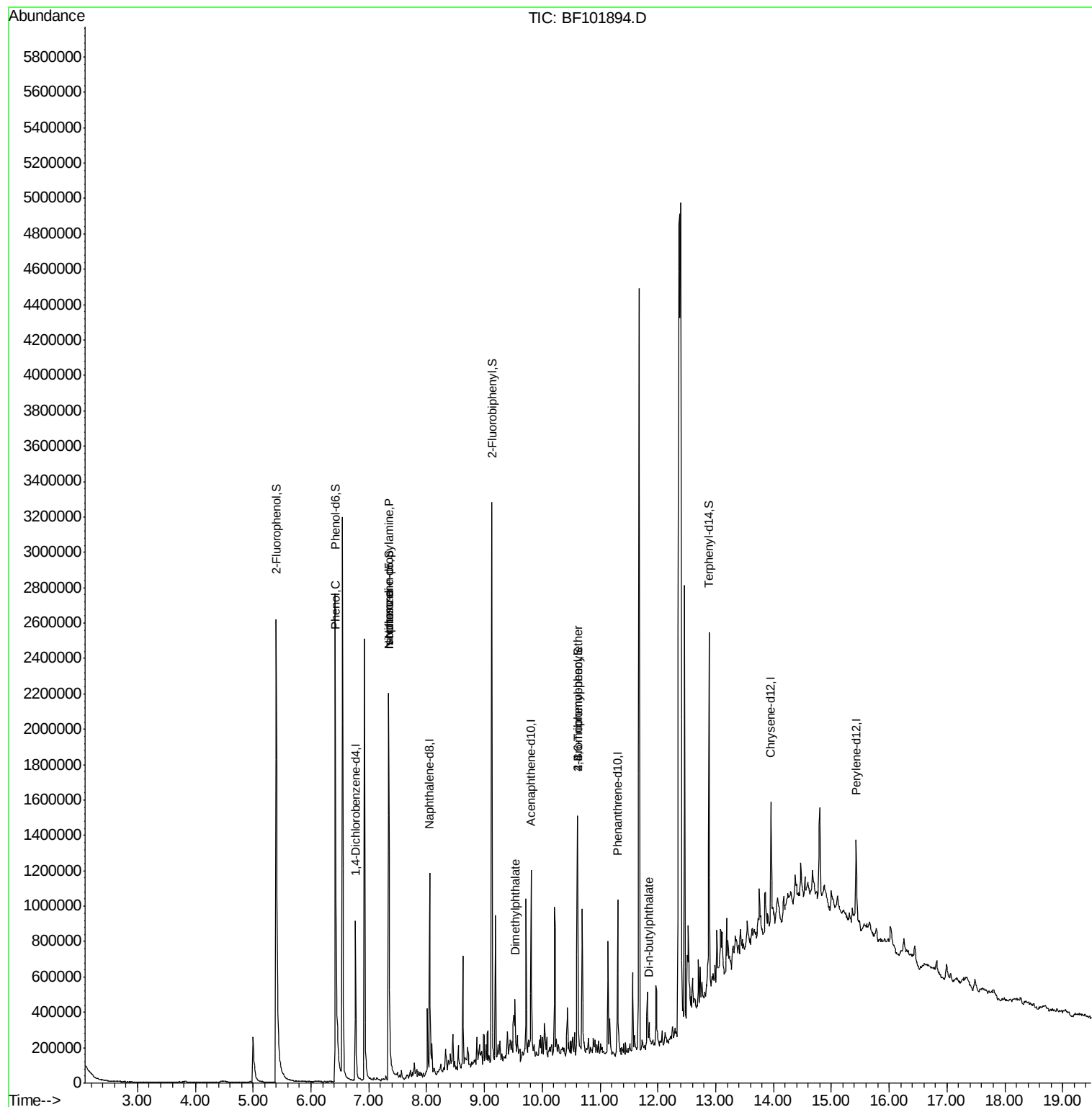
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	146271	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	569744	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	224965	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	339019	20.00	ng	0.00
75) Chrysene-d12	13.96	240	275726	20.00	ng	0.00
86) Perylene-d12	15.43	264	253485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1136978	115.79	ng	0.00
7) Phenol-d6	6.42	99	1315922	107.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	836599	81.74	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	186895	86.22	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1098260	75.73	ng	0.00
78) Terphenyl-d14	12.89	244	726801	63.55	ng	0.00
Target Compounds						
10) Phenol	6.43	94	51790	3.718	ng	# 37
19) n-Nitroso-di-n-propylamine	7.35	70	116562	14.524	ng	# 84
25) Isophorone	7.35	82	836599	40.746	ng	# 64
49) Dimethylphthalate	9.53	163	97519	5.389	ng	# 99
66) 4-Bromophenyl-phenylether	10.61	248	11816	3.102	ng	# 1
73) Di-n-butylphthalate	11.84	149	55127	2.519	ng	# 100

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

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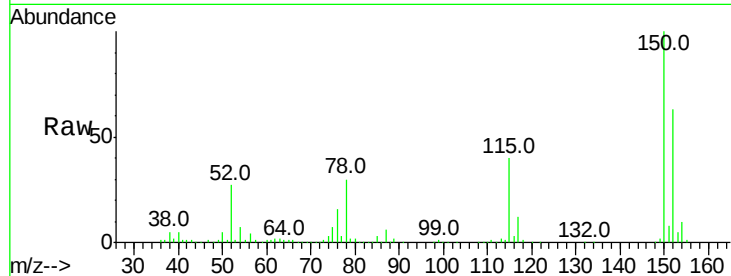


#1

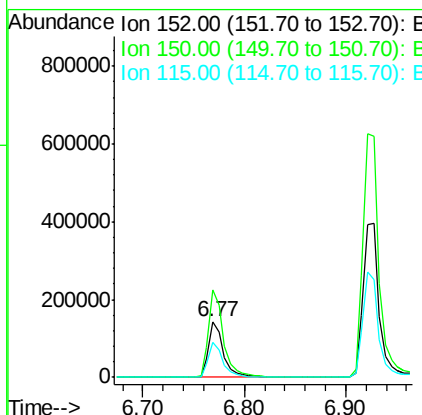
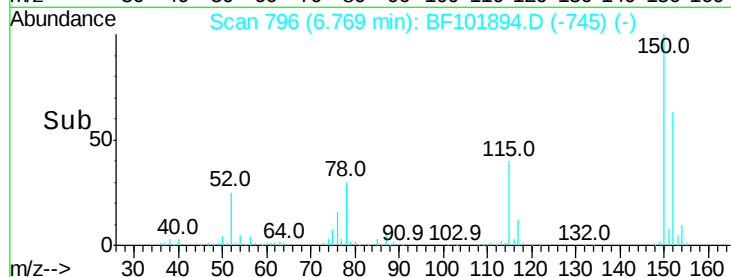
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146271
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 63.2 50.1 75.1



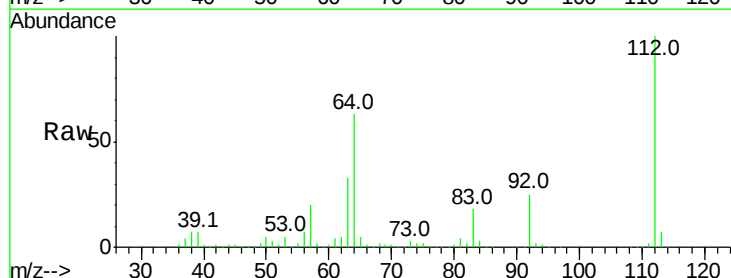
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



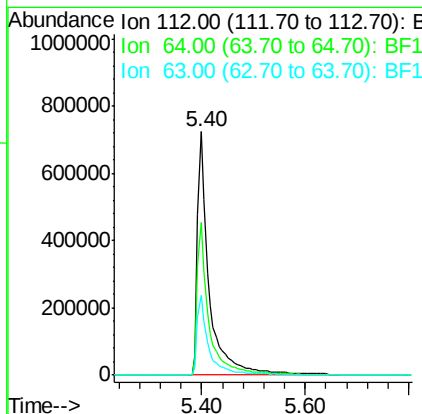
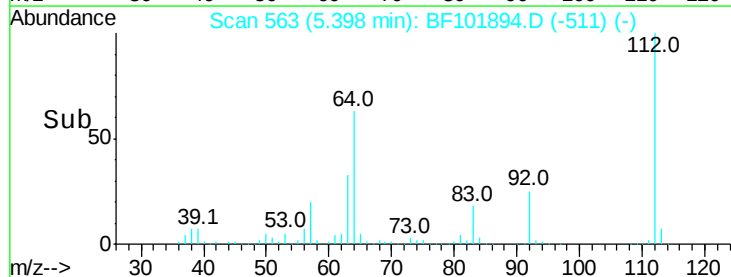
#5

2-Fluorophenol
Concen: 115.786 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Tgt Ion:112 Resp: 1136978
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 32.9 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: 107.678 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

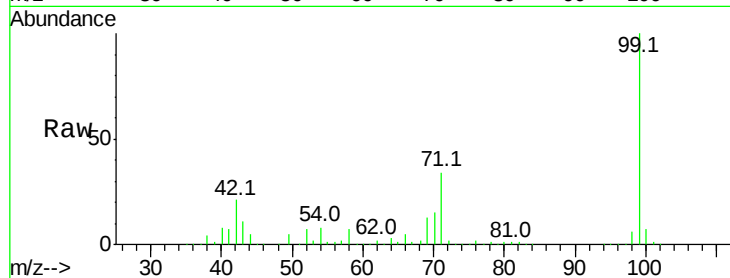
Tot Ion: 99 Resp: 1315922

Ion Ratio Lower Upper

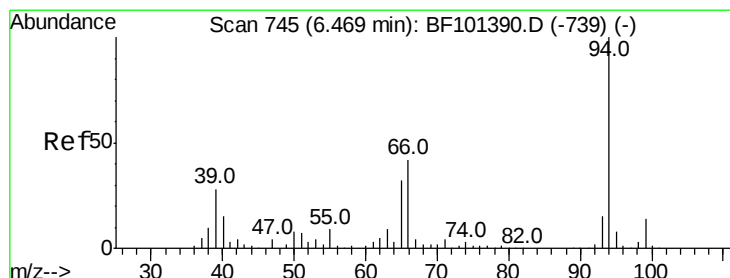
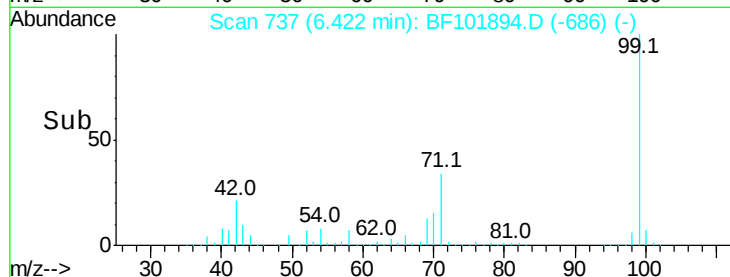
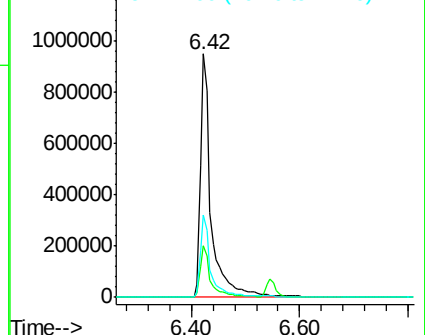
99 100

42 21.4 14.5 21.7

71 34.1 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: 3.718 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

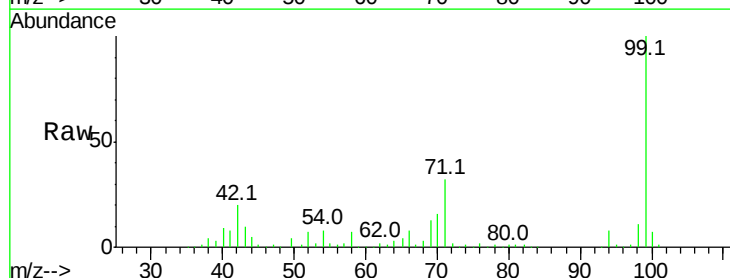
Tgt Ion: 94 Resp: 51790

Ion Ratio Lower Upper

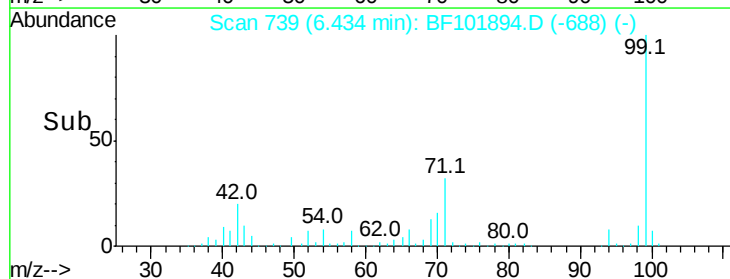
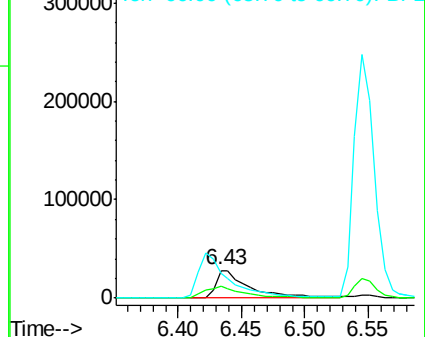
94 100

65 42.4 7.9 47.9

66 89.5 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

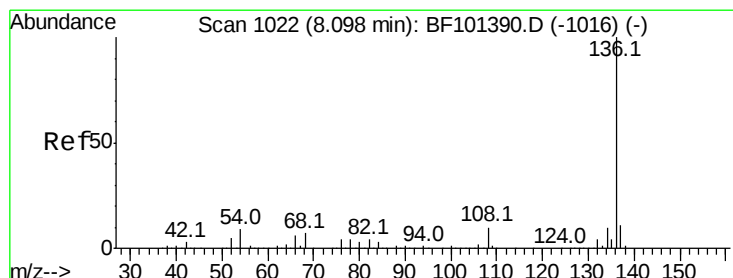
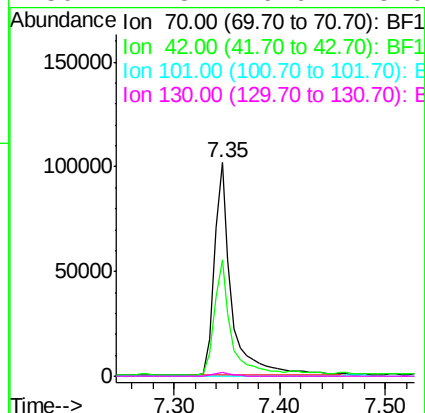
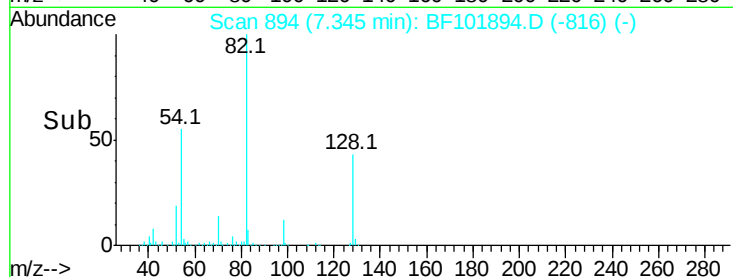
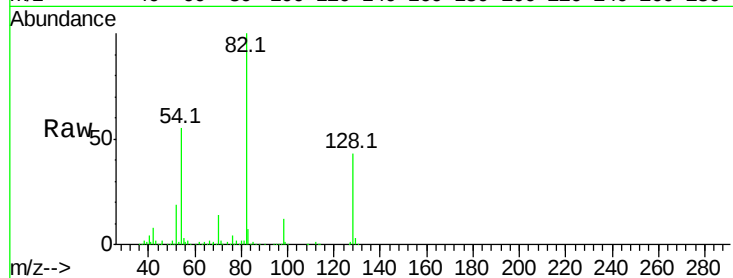




#19
n-Nitroso-di-n-propylamine
Concen: 14.524 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.16 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

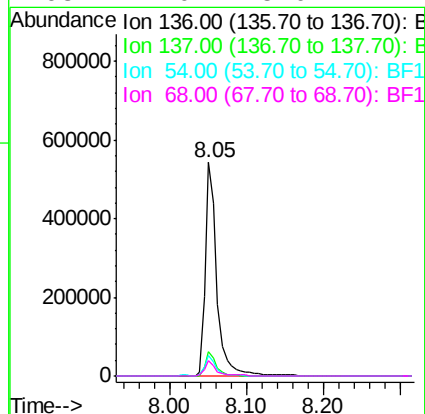
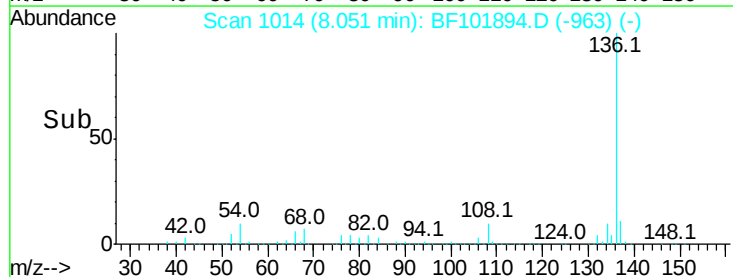
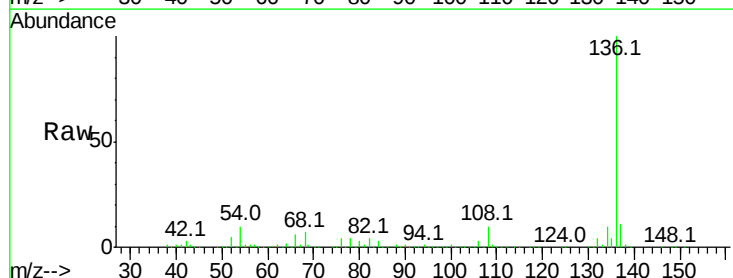
Instrument :
BNA_F
ClientSampleId :

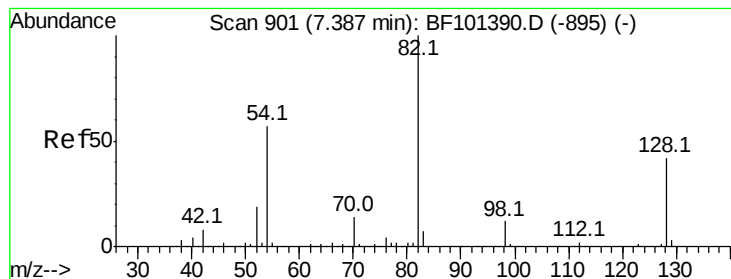
Tot Ion: 70 Resp: 116562
Ion Ratio Lower Upper
70 100
42 54.5 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Tgt Ion:136 Resp: 569744
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.7 6.6 9.8
68 7.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.738 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

Instrument :

BNA_F

ClientSampled :

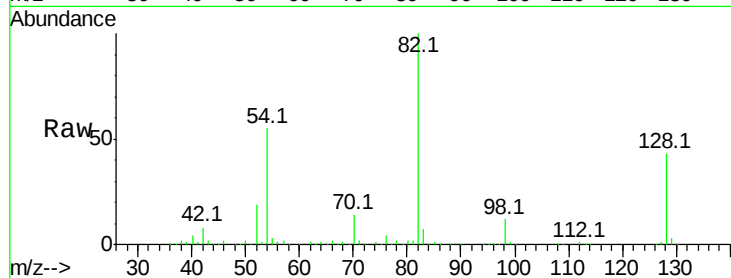
Tot Ion: 82 Resp: 836599

Ion Ratio Lower Upper

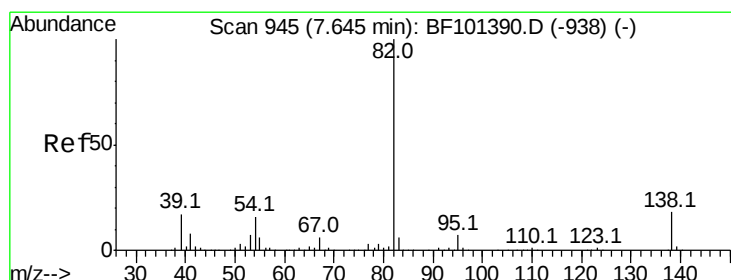
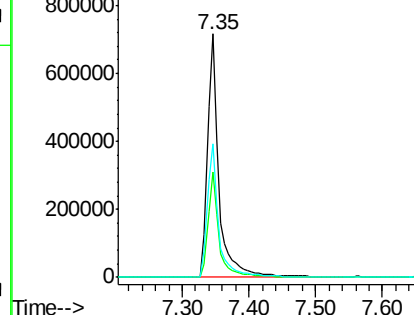
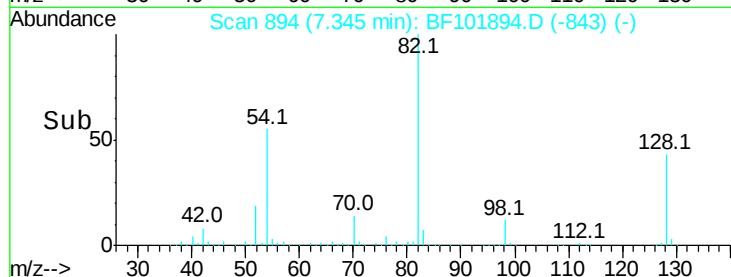
82 100

128 43.2 36.1 54.1

54 55.0 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: 40.746 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.25 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

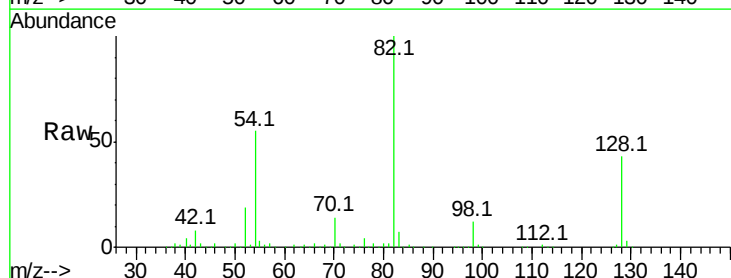
Tgt Ion: 82 Resp: 836599

Ion Ratio Lower Upper

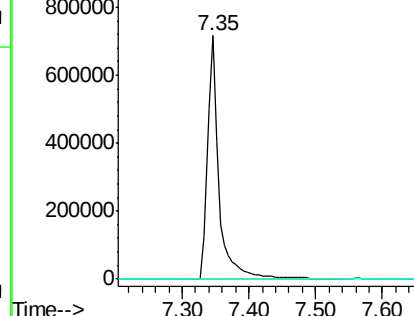
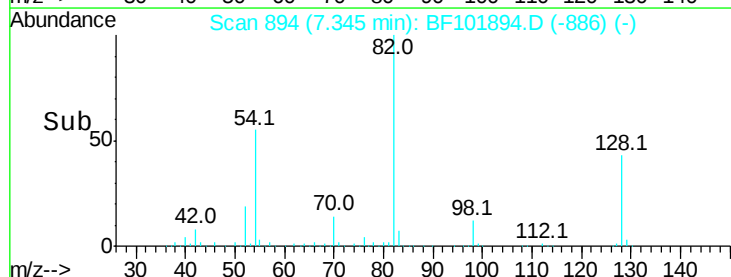
82 100

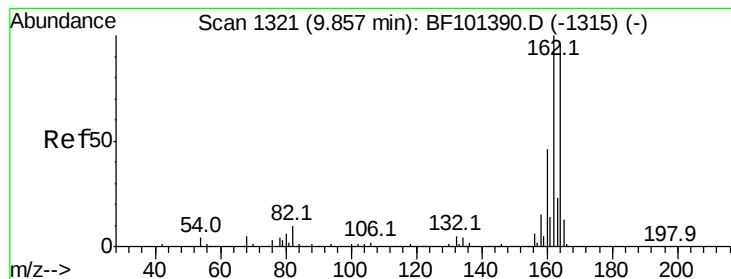
95 0.0 5.2 7.8#

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: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

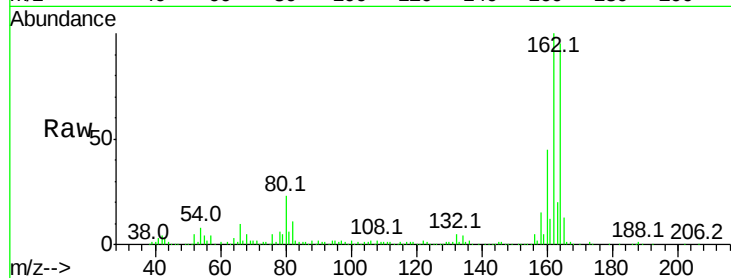
Tot Ion:164 Resp: 224965

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

160 47.0 38.3 57.5

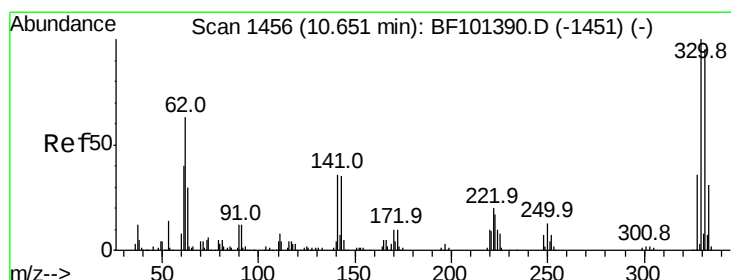
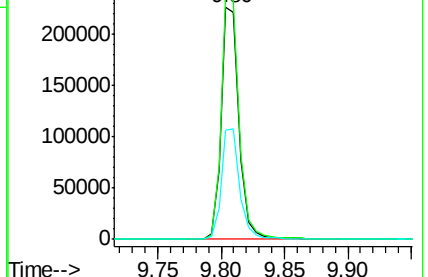
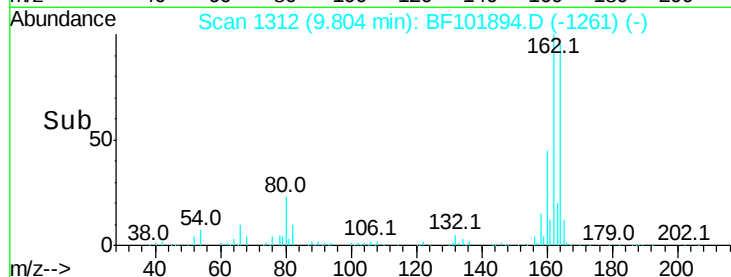


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

2,4,6-Tribromophenol

Concen: 86.218 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

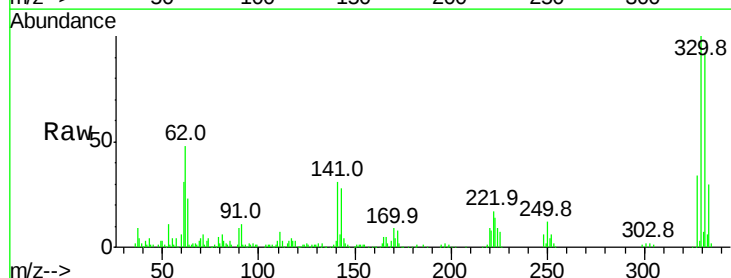
Tgt Ion:330 Resp: 186895

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 38.0 29.9 44.9

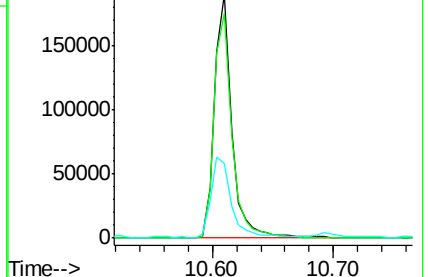
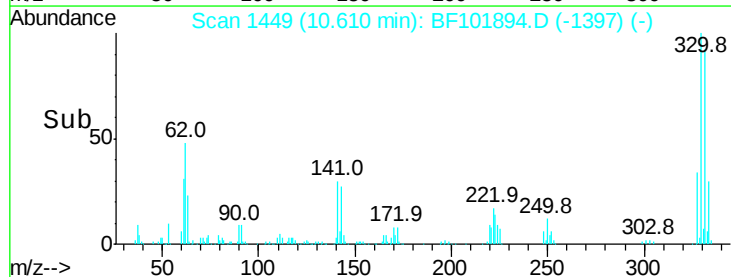


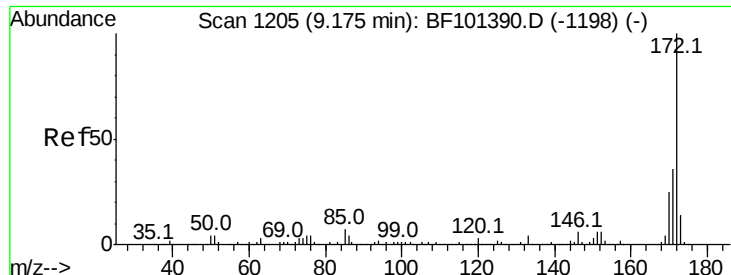
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

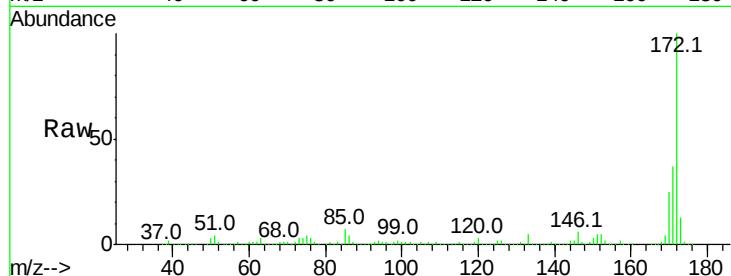




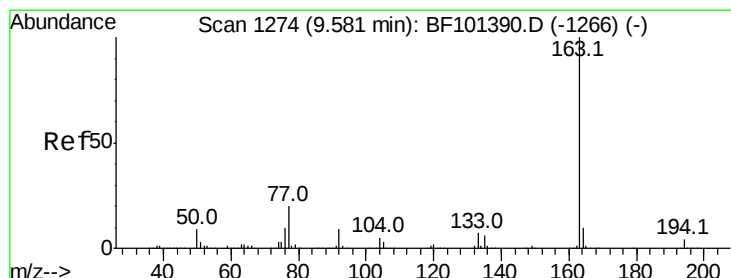
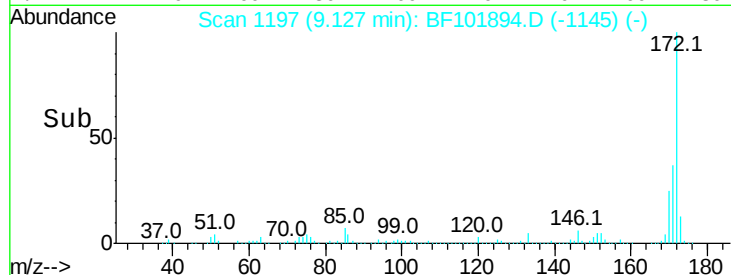
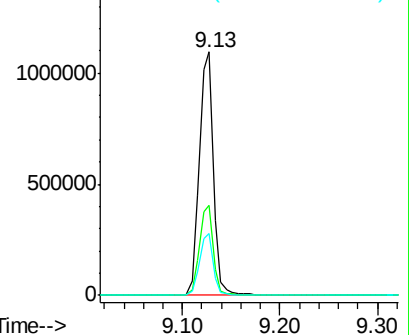
#44
2-Fluorobiphenyl
Concen: 75.730 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1098260
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.3 19.6 29.4

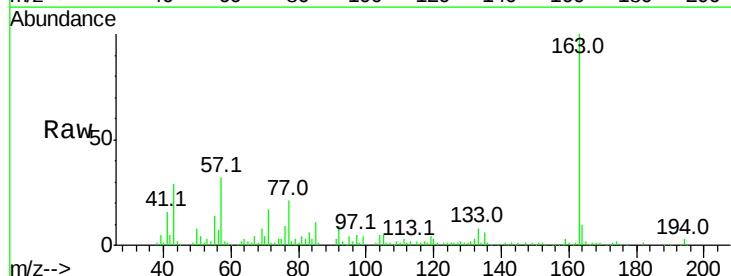


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

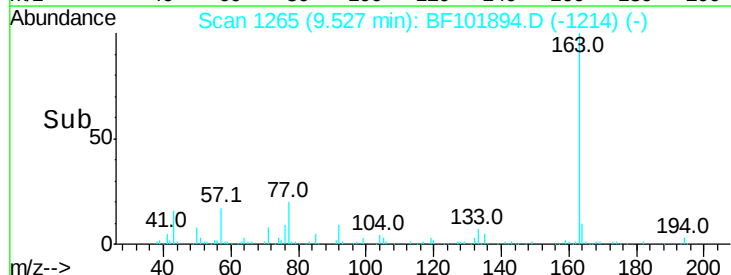
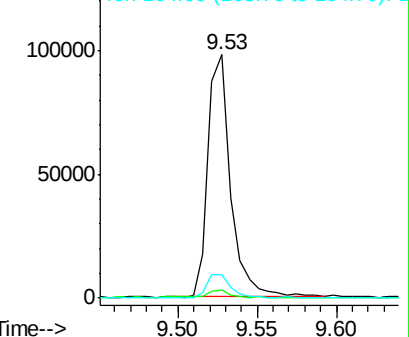


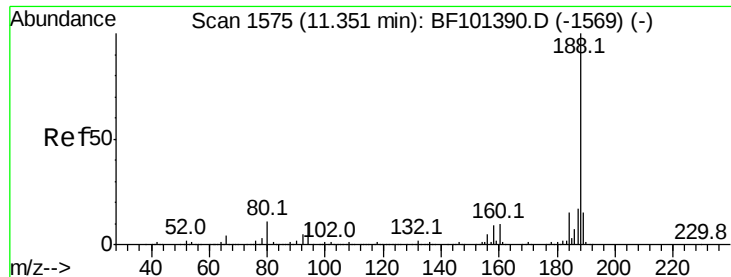
#49
Dimethylphthalate
Concen: 5.389 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Tgt Ion:163 Resp: 97519
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.6 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

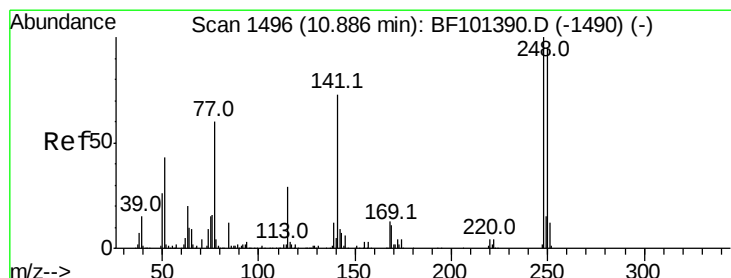
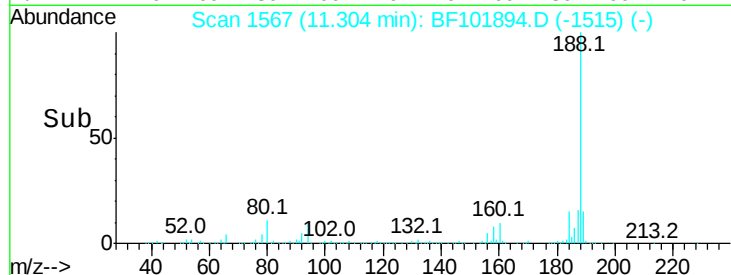
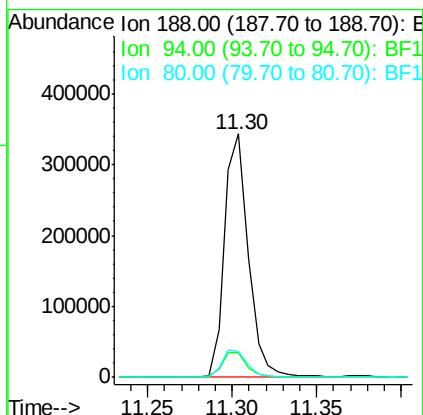
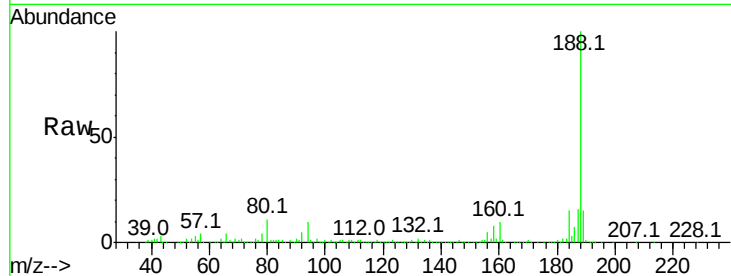




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

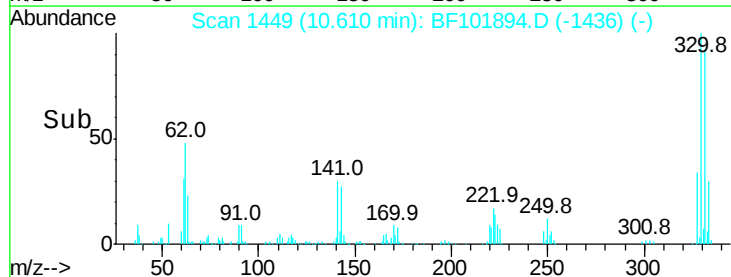
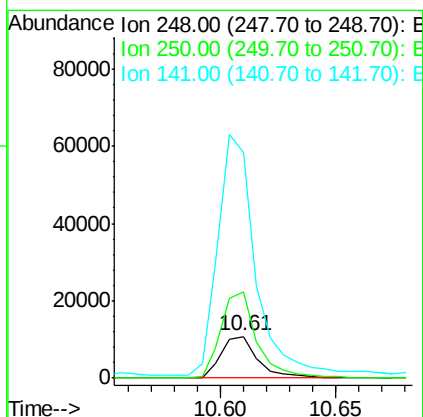
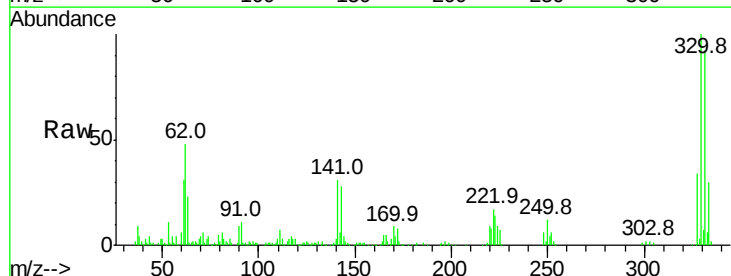
Instrument :
BNA_F
ClientSampleId :

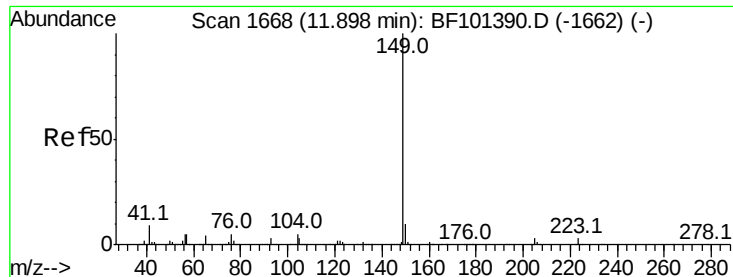
Tot Ion:188 Resp: 339019
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.102 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.22 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Tgt Ion:248 Resp: 11816
Ion Ratio Lower Upper
248 100
250 207.2 76.9 115.3#
141 545.1 74.4 111.6#

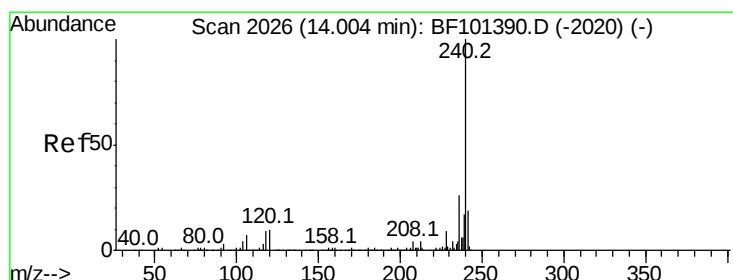
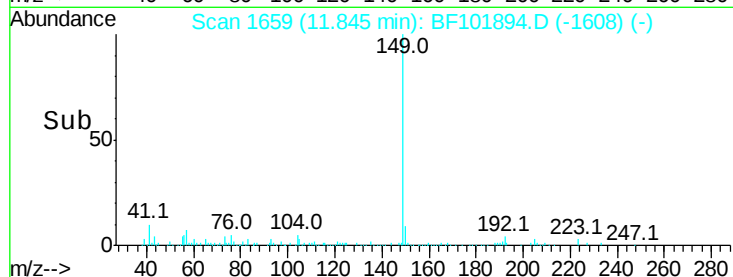
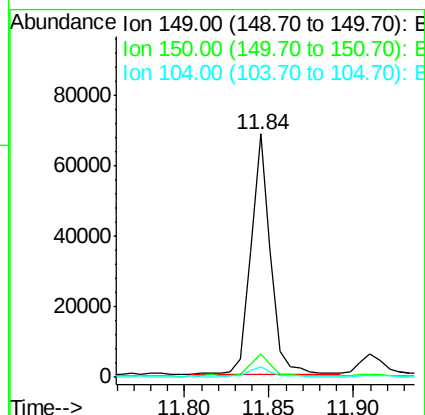
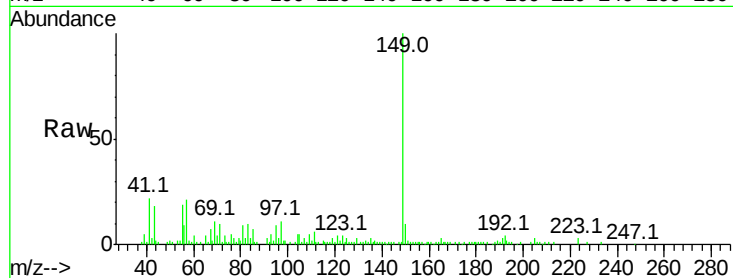




#73
Di-n-butylphthalate
Concen: 2.519 ng
RT: 11.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

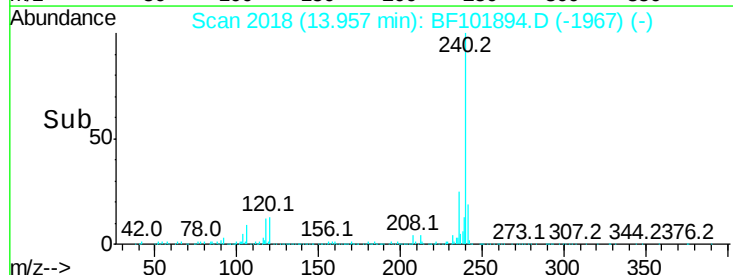
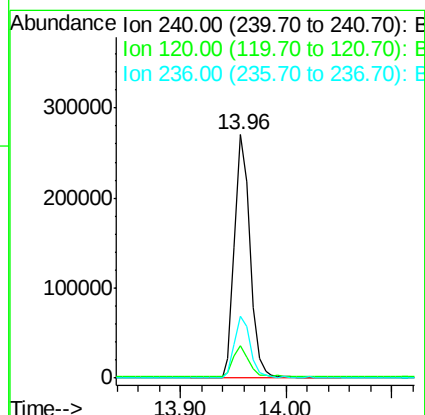
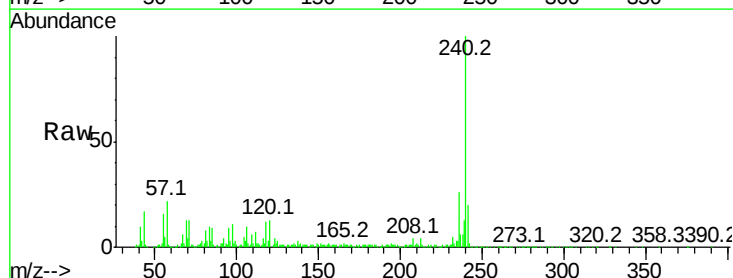
Instrument :
BNA_F
ClientSampleId :

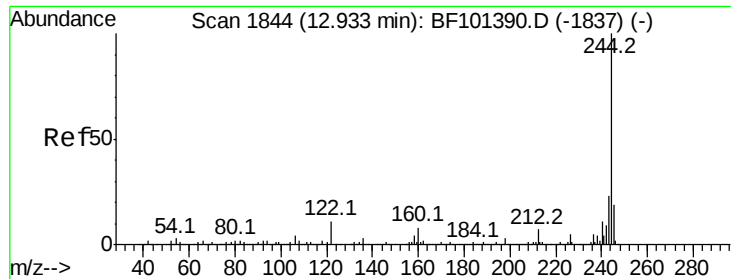
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.6	3.8	5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.7	20.7	31.1





#78

Terphenyl-d14

Concen: 63.547 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

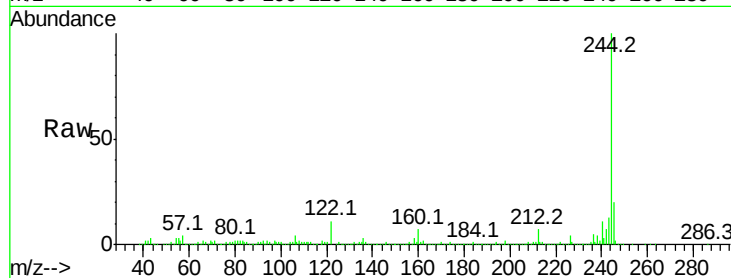
Tot Ion:244 Resp: 726801

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

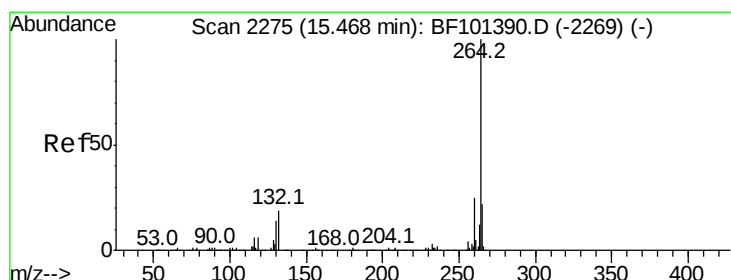
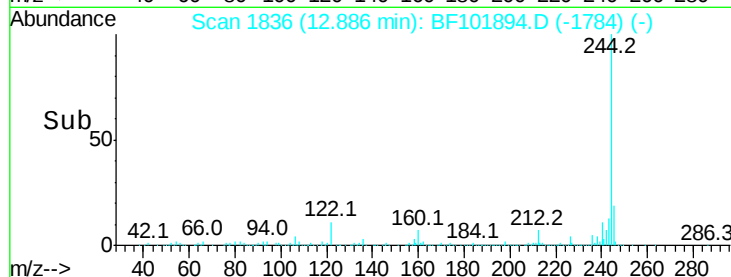
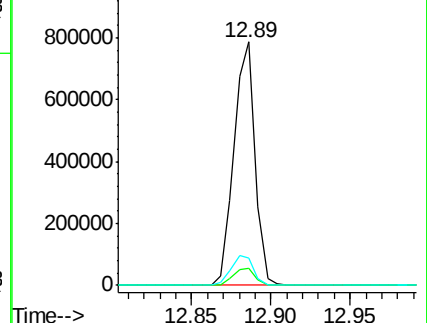
122 11.4 11.0 16.4



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. 0.01 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

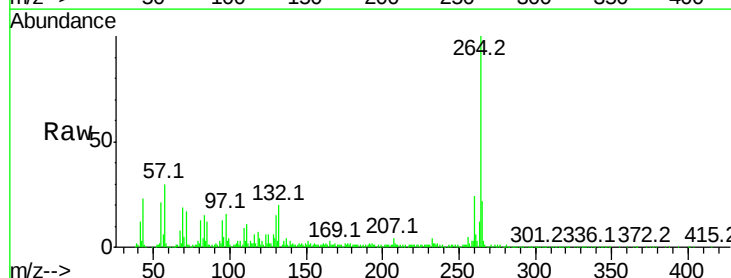
Tgt Ion:264 Resp: 253485

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.3 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

