

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101871.D
 Acq On : 3 Jan 2018 20:18
 Operator : SJ/JU
 Sample : J1004-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Jan 04 03:41:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

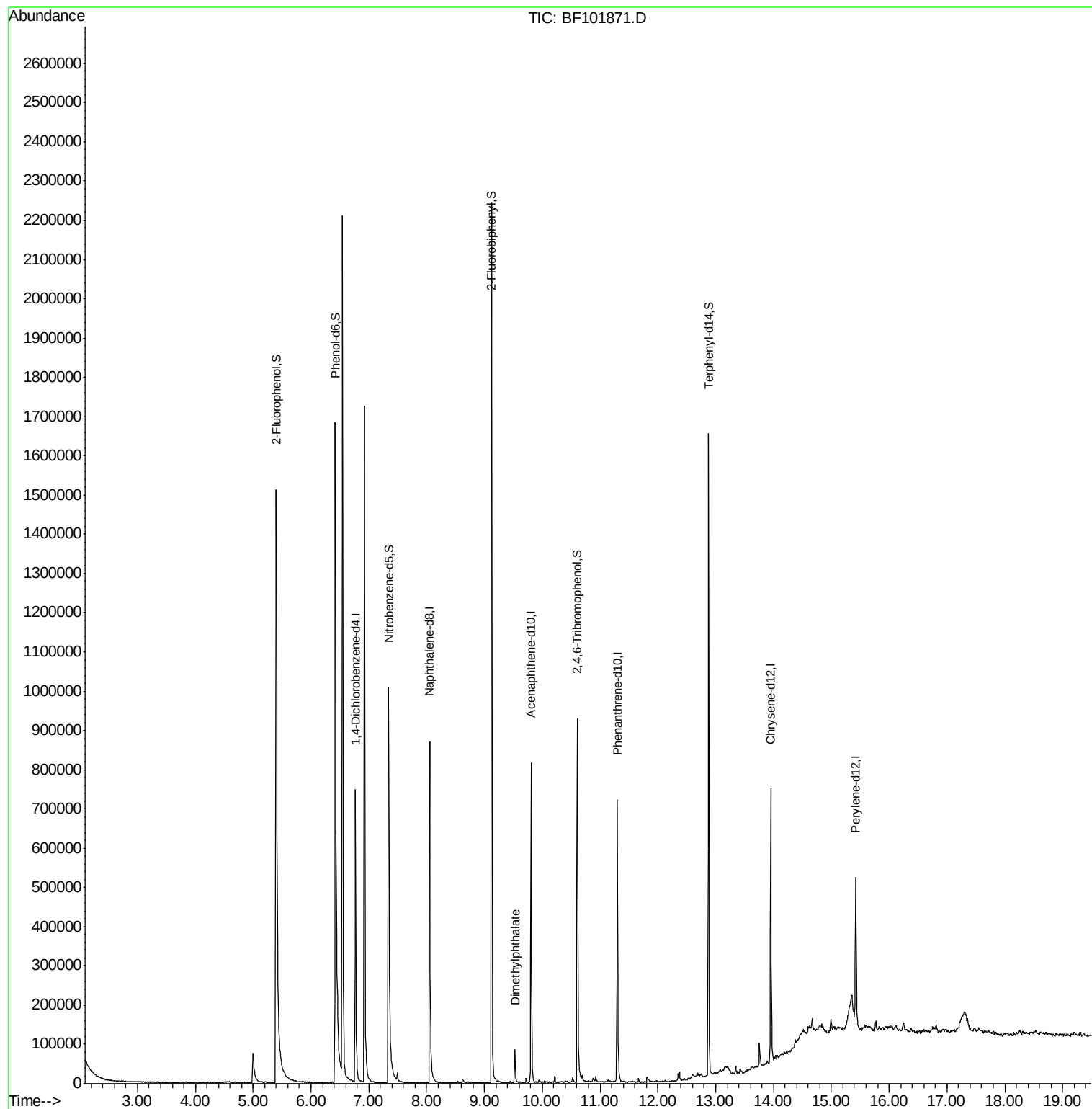
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	129465	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	472746	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	177593	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	293773	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	259251	20.00	ng	-0.02
86) Perylene-d12	15.42	264	198376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	728434	83.81	ng	0.00
7) Phenol-d6	6.42	99	869612	80.39	ng	-0.01
23) Nitrobenzene-d5	7.35	82	489689	57.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	128194	74.91	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	755959	66.03	ng	-0.02
78) Terphenyl-d14	12.88	244	581575	54.08	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	42762	2.994	ng	99

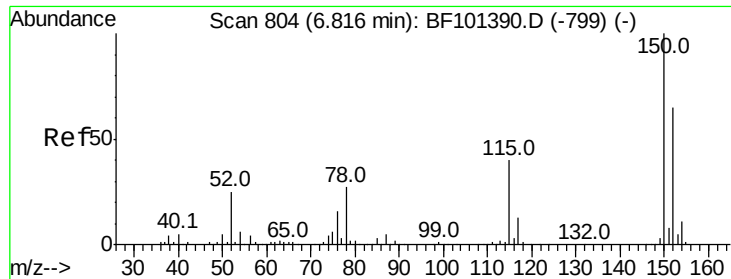
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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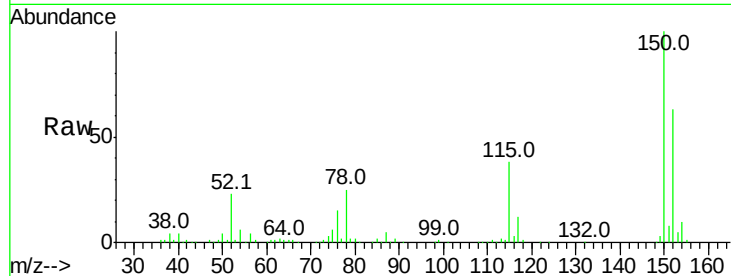


#1

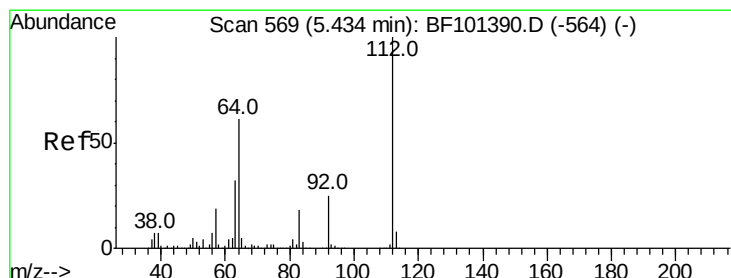
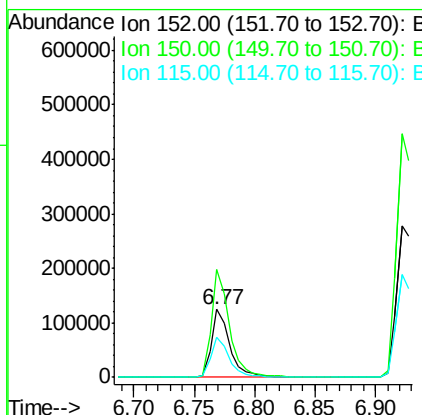
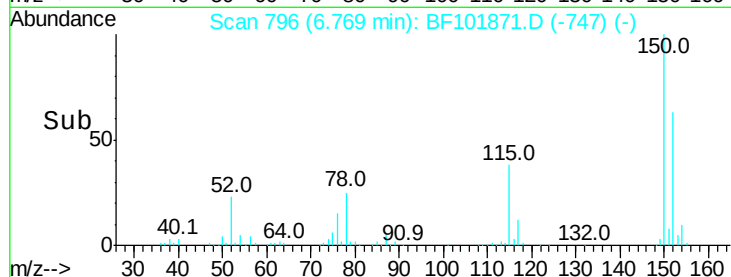
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:152 Resp: 129465
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 60.1 50.1 75.1



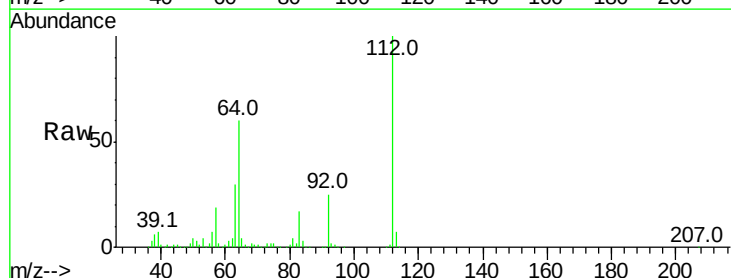
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



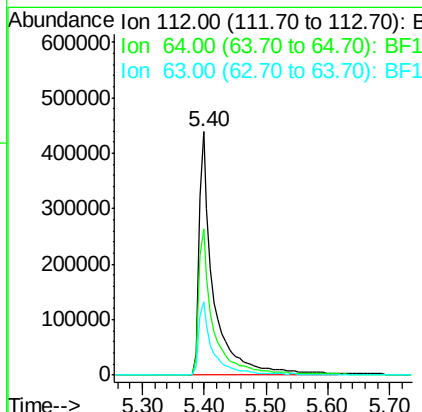
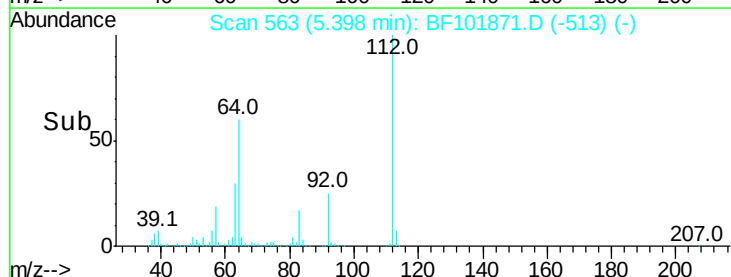
#5

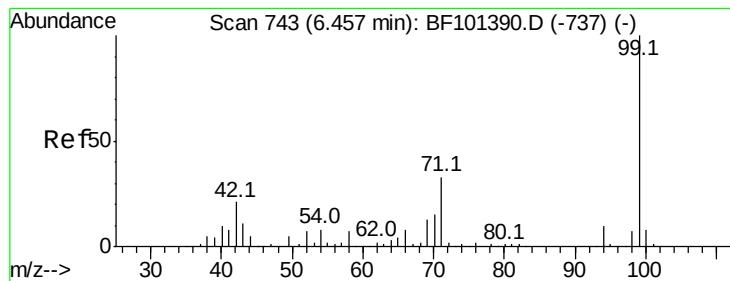
2-Fluorophenol
Concen: 83.811 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Tgt Ion:112 Resp: 728434
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 29.9 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: 80.395 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

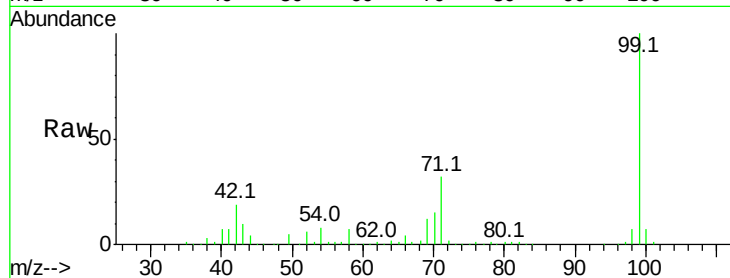
Tot Ion: 99 Resp: 869612

Ion Ratio Lower Upper

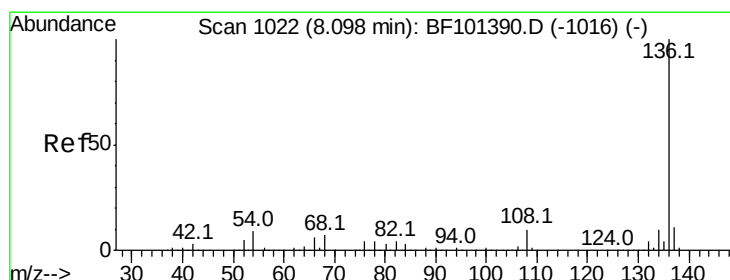
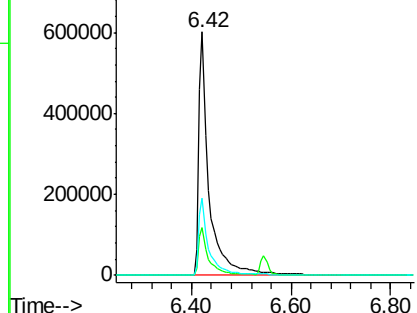
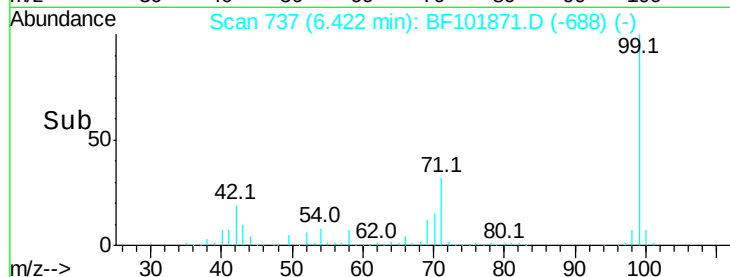
99 100

42 19.5 14.5 21.7

71 31.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Tgt Ion: 136 Resp: 472746

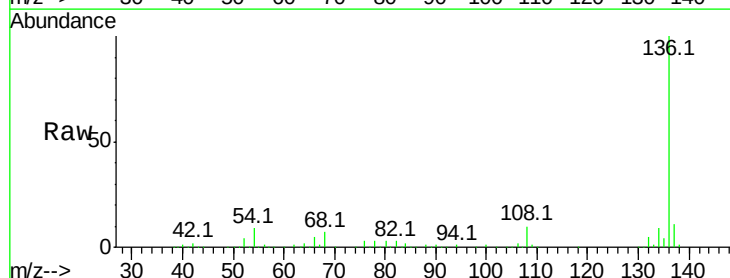
Ion Ratio Lower Upper

136 100

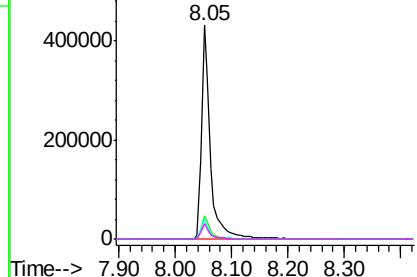
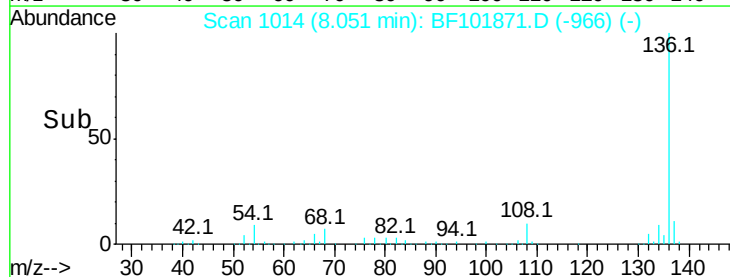
137 10.8 8.9 13.3

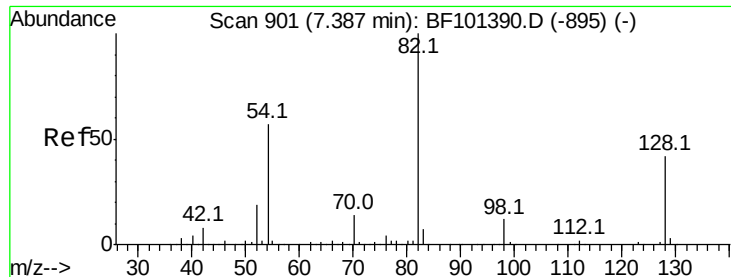
54 9.3 6.6 9.8

68 6.9 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

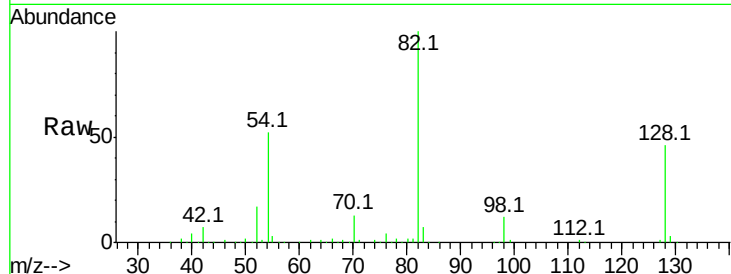




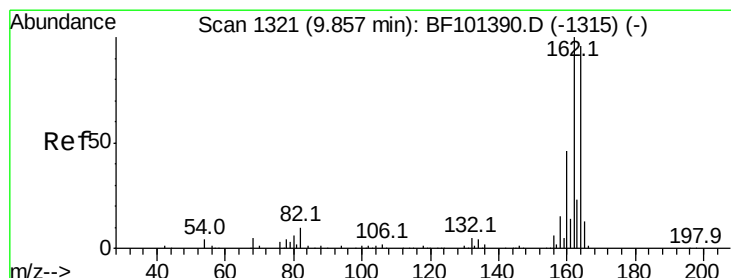
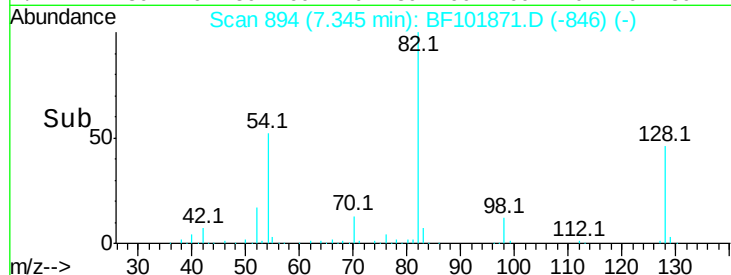
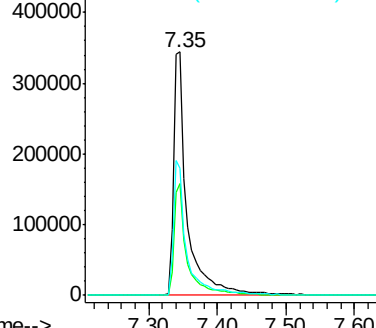
#23
Nitrobenzene-d5
Concen: 57.661 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion: 82 Resp: 489689
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 52.3 41.4 62.2

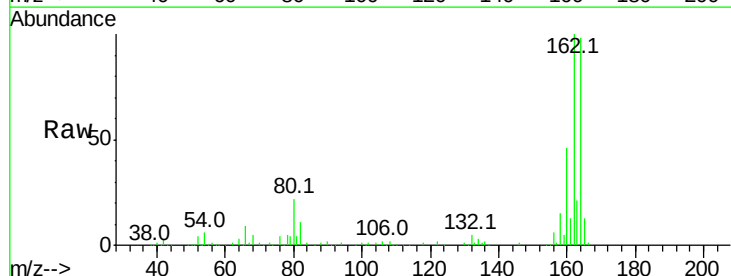


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

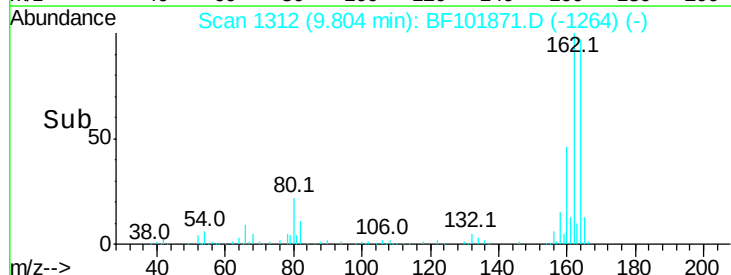
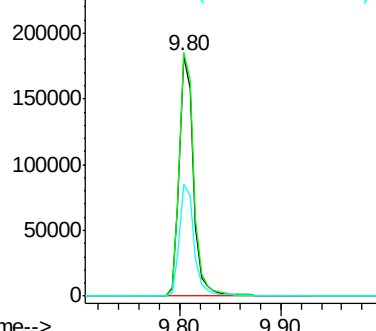


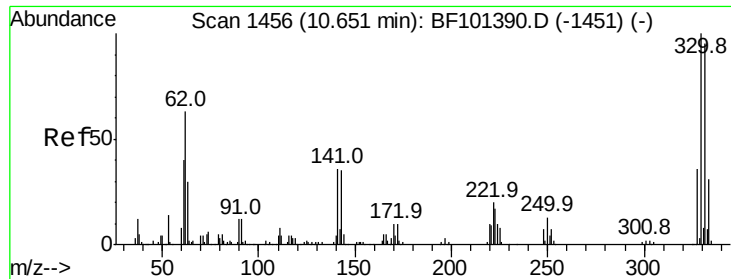
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Tgt Ion: 164 Resp: 177593
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 46.8 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

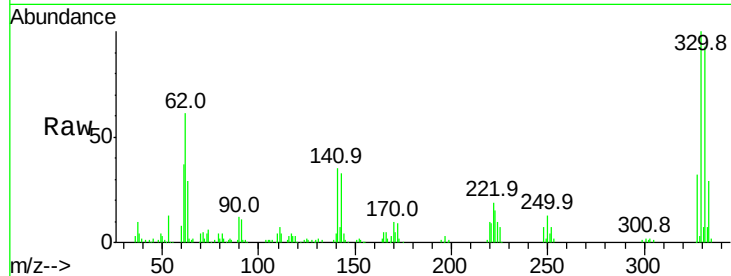




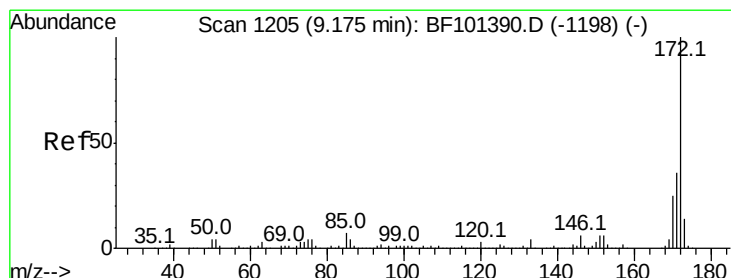
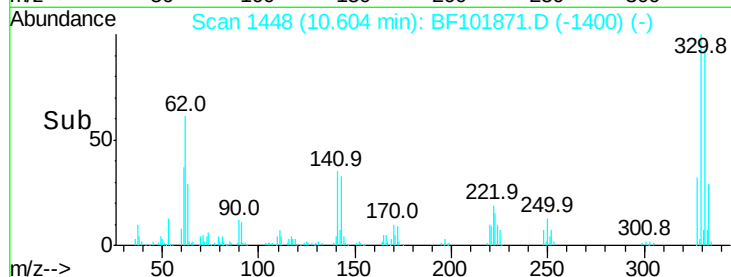
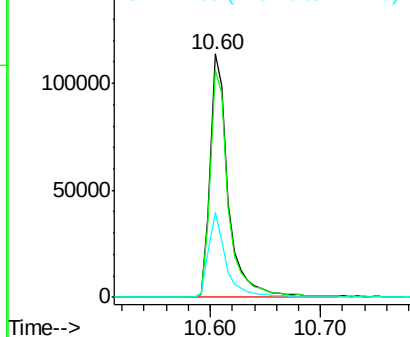
#41
 2,4,6-Tribromophenol
 Concen: 74.913 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF101871.D
 Acq: 3 Jan 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	33.7	29.9	44.9

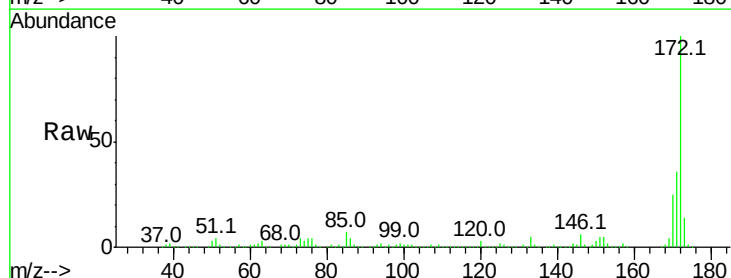


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

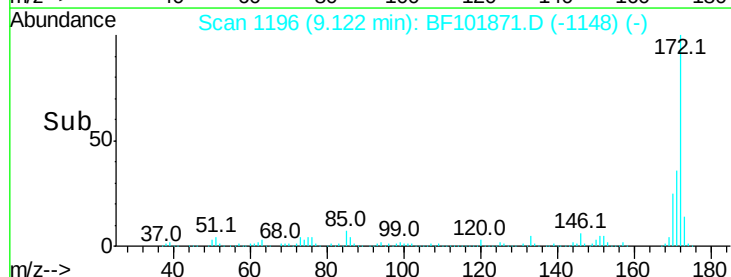
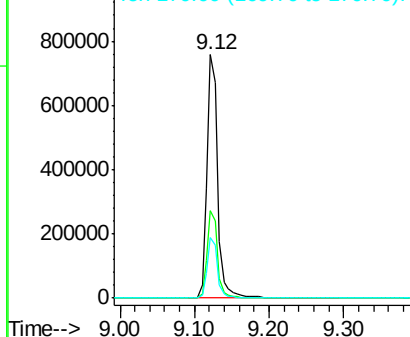


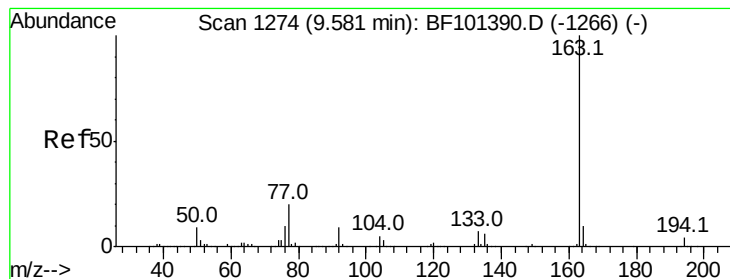
#44
 2-Fluorobiphenyl
 Concen: 66.032 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101871.D
 Acq: 3 Jan 2018 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.8	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: 2.994 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

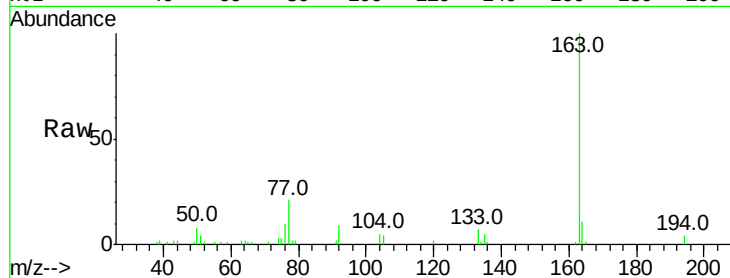
Tot Ion:163 Resp: 42762

Ion Ratio Lower Upper

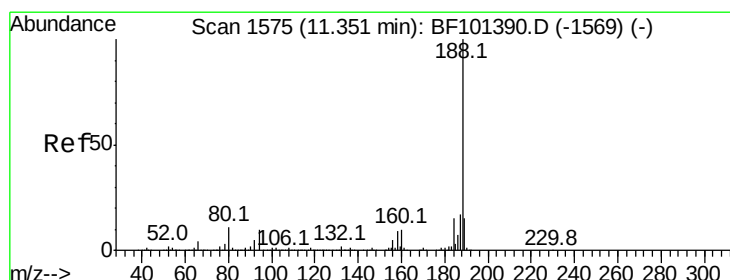
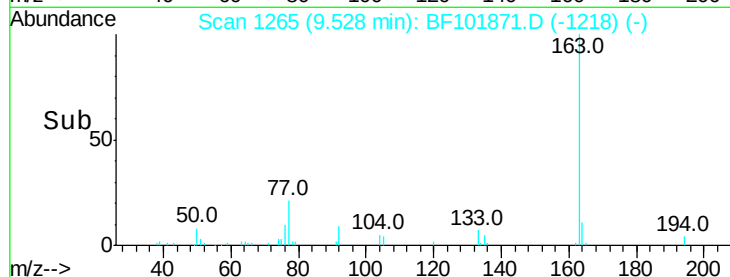
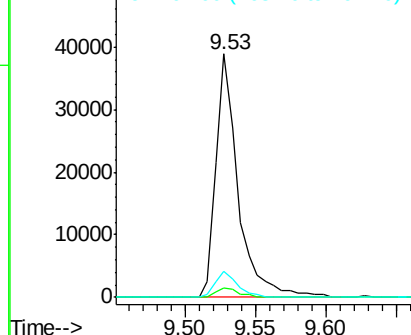
163 100

194 3.8 2.7 4.1

164 10.8 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# 1566

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

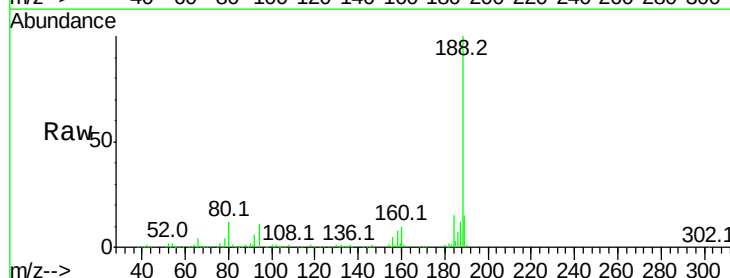
Tgt Ion:188 Resp: 293773

Ion Ratio Lower Upper

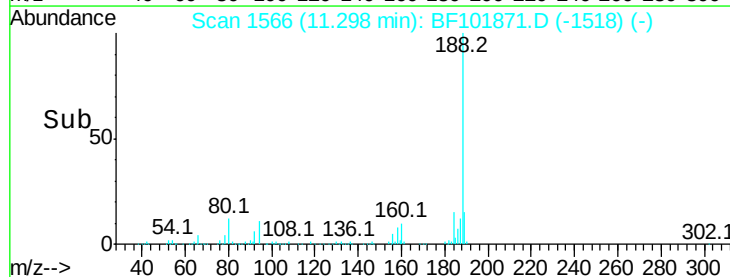
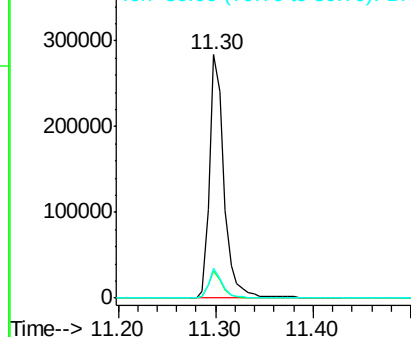
188 100

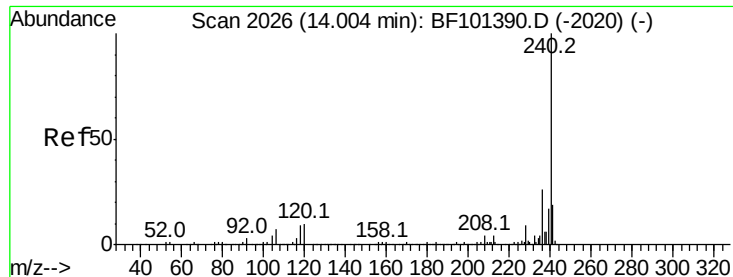
94 11.0 8.5 12.7

80 12.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

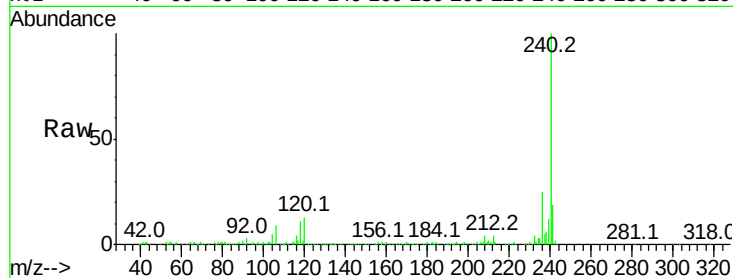
Tot Ion:240 Resp: 259251

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

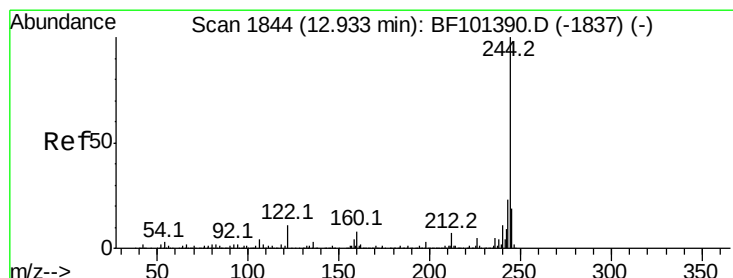
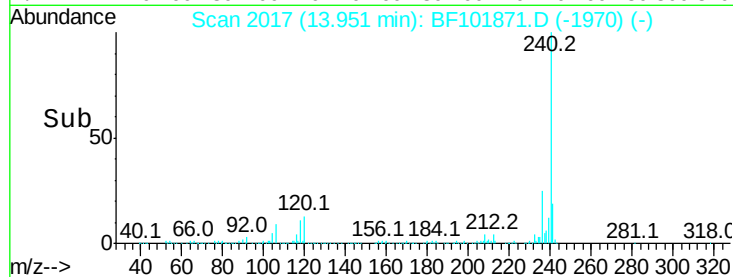
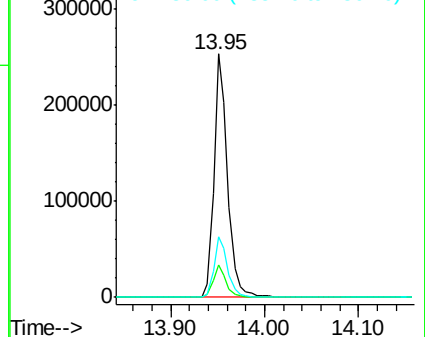
236 25.1 20.7 31.1



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: 54.081 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

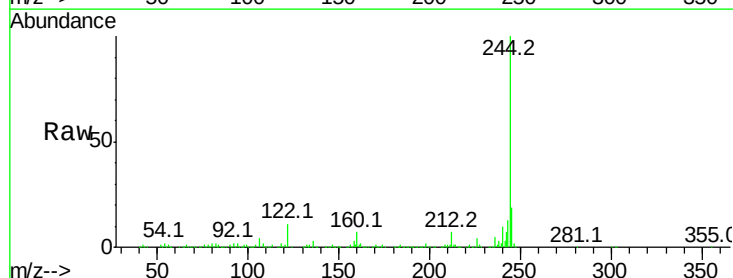
Tgt Ion:244 Resp: 581575

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

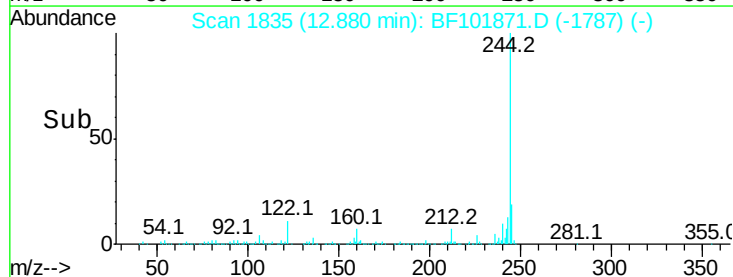
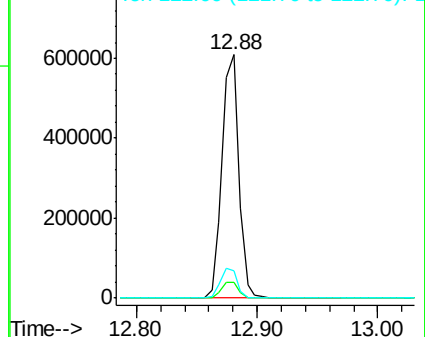
122 11.1 11.0 16.4

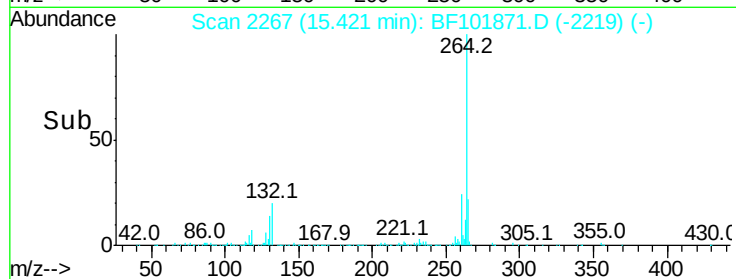
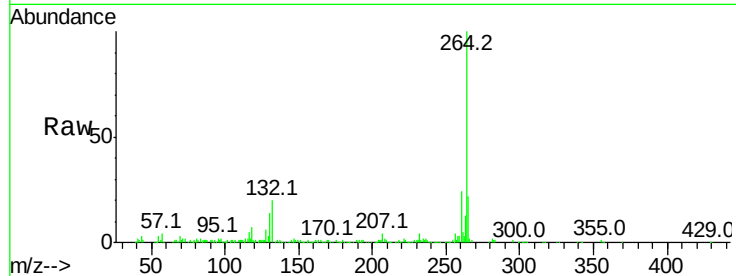
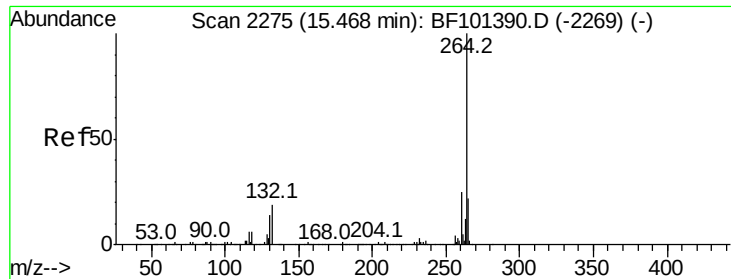


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

Tot Ion:264 Resp: 198376

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.2 17.5 26.3

