

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104871.D
 Acq On : 27 Apr 2018 9:11
 Operator : JU/SJ
 Sample : J2515-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2-A

Quant Time: Apr 27 14:04:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

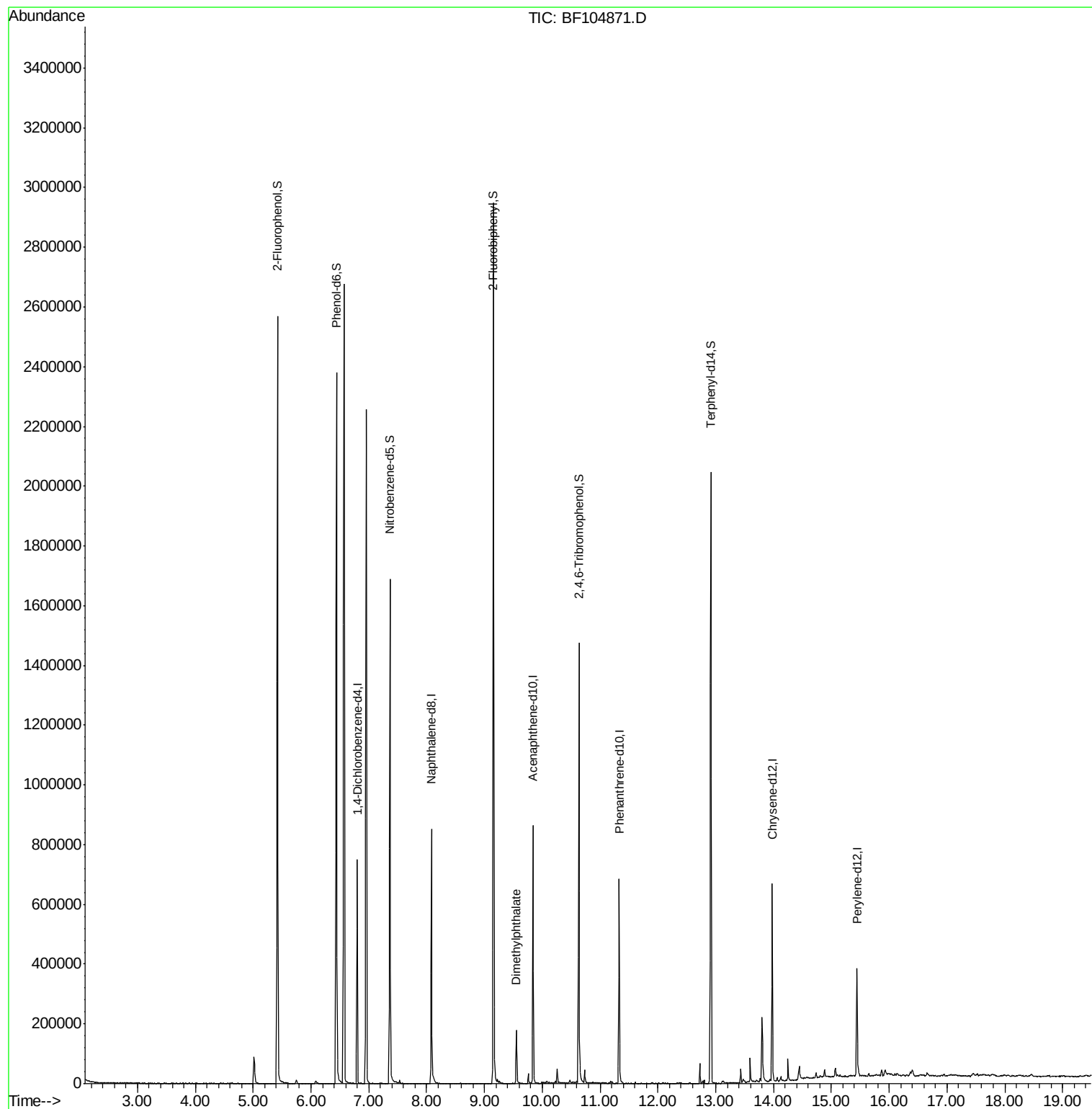
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105901	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	421235	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	170417	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	257304	20.00	ng	0.00
75) Chrysene-d12	13.97	240	223481	20.00	ng	-0.01
86) Perylene-d12	15.44	264	162966	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	838212	121.03	ng	0.00
7) Phenol-d6	6.45	99	1016668	119.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	617402	95.71	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	195724	110.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	928501	86.07	ng	0.00
78) Terphenyl-d14	12.92	244	641555	65.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	81350	6.053	ng	Qvalue 100

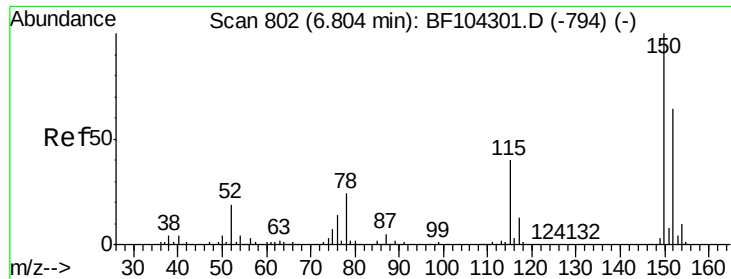
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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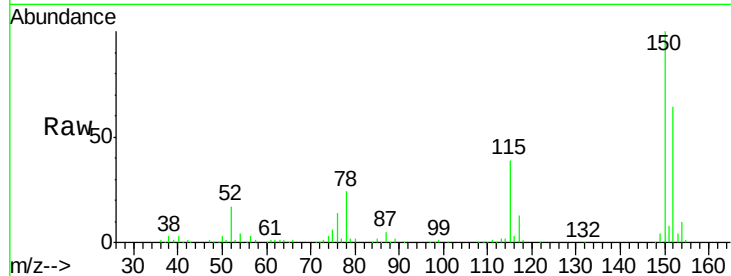


#1

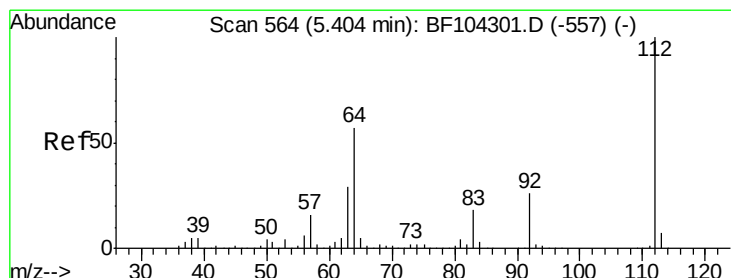
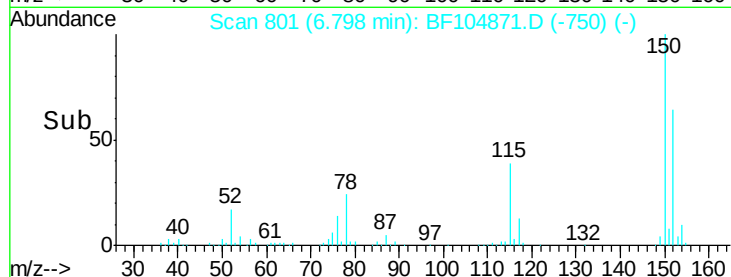
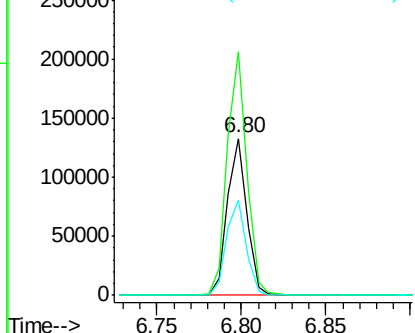
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

Instrument :
BNA_F
ClientSampled :
S-2-A

Tot Ion:152 Resp: 105901
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.8 50.1 75.1



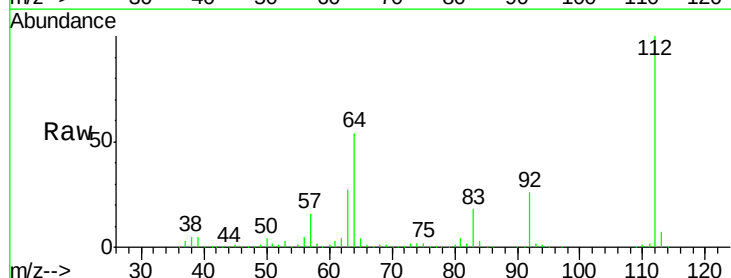
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



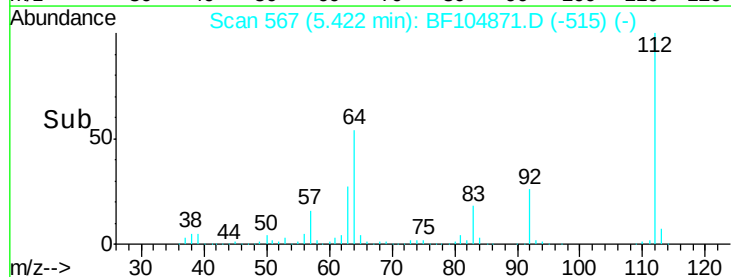
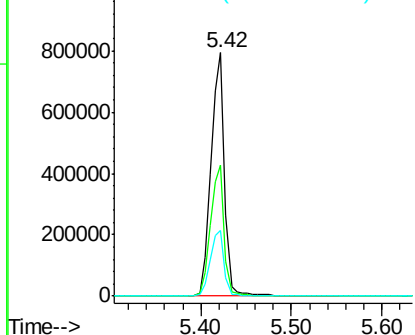
#5

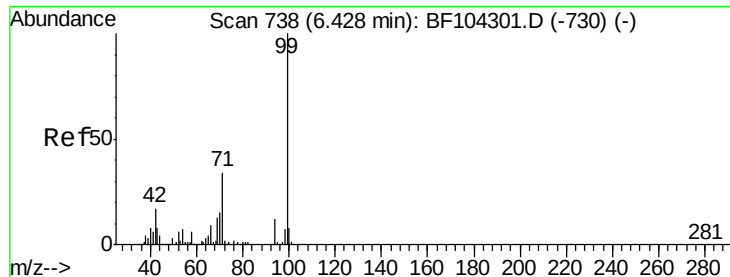
2-Fluorophenol
Concen: 121.026 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

Tgt Ion:112 Resp: 838212
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.2 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: 119.472 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

Instrument :

BNA_F

ClientSampleId :

S-2-A

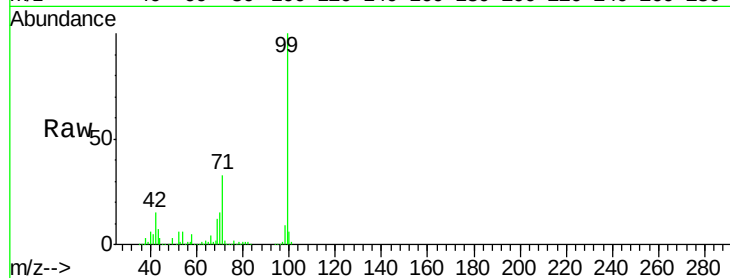
Tot Ion: 99 Resp: 1016668

Ion Ratio Lower Upper

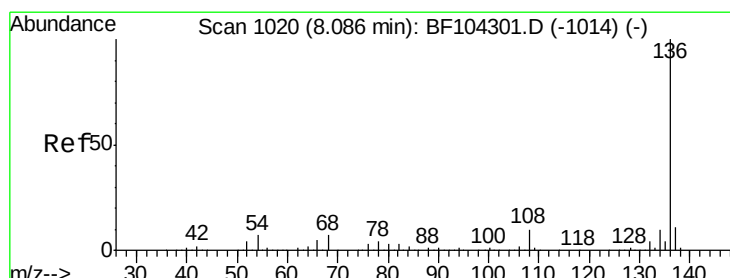
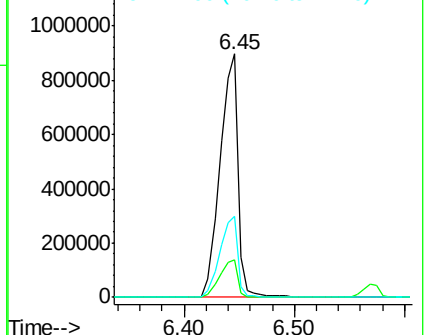
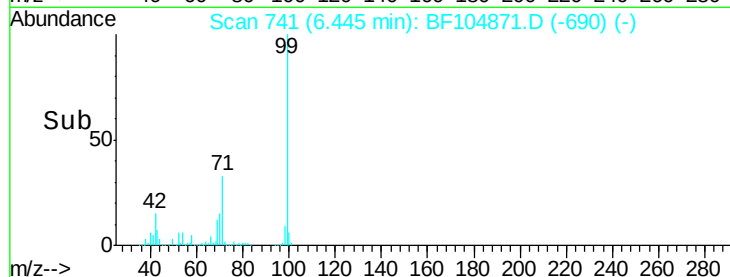
99 100

42 15.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

Tgt Ion: 136 Resp: 421235

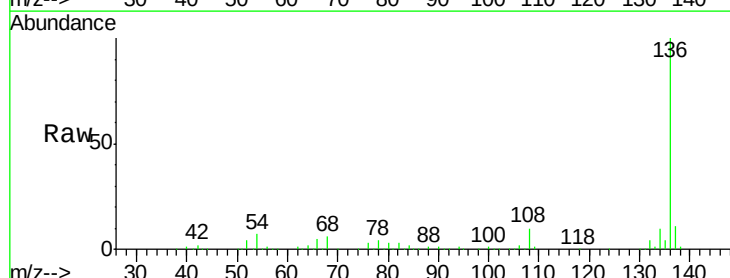
Ion Ratio Lower Upper

136 100

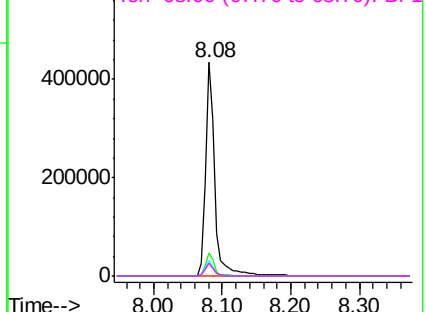
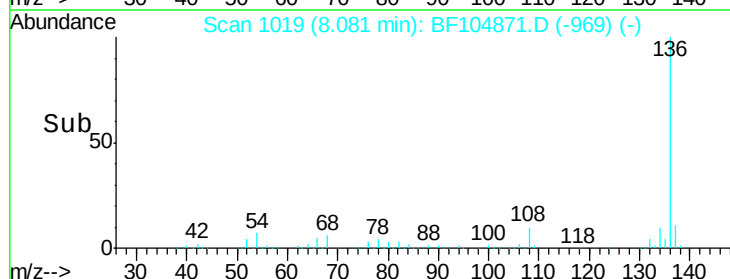
137 10.9 8.9 13.3

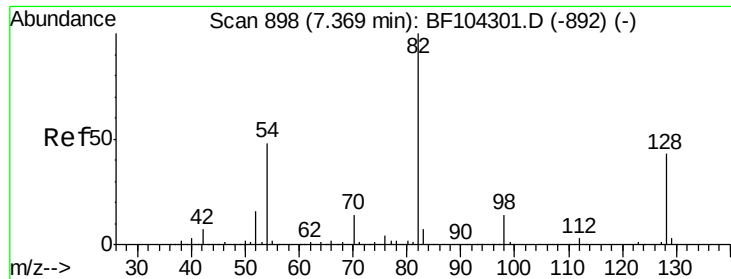
54 7.0 6.6 9.8

68 6.1 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

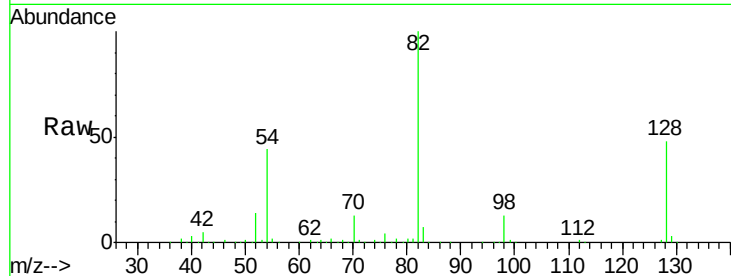




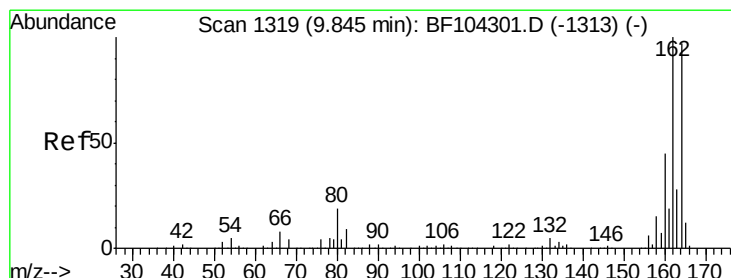
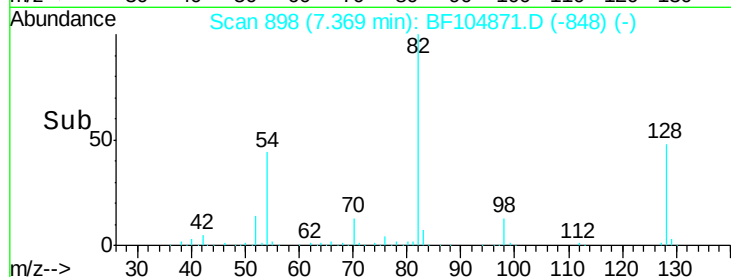
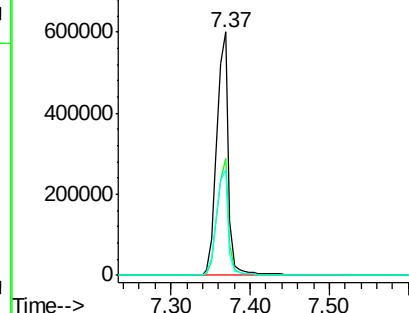
#23
 Nitrobenzene-d5
 Concen: 95.707 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

Instrument :
 BNA_F
 ClientSampled :
 S-2-A

Tot Ion: 82 Resp: 617402
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.1 54.1
 54 43.5 41.4 62.2

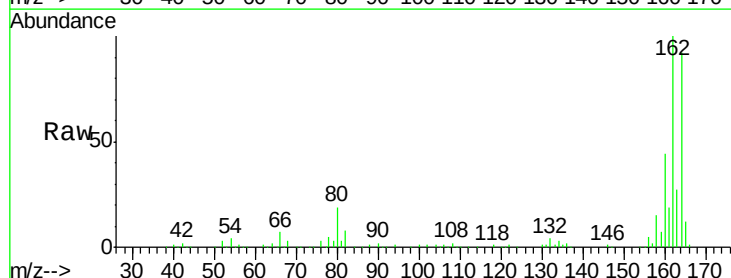


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

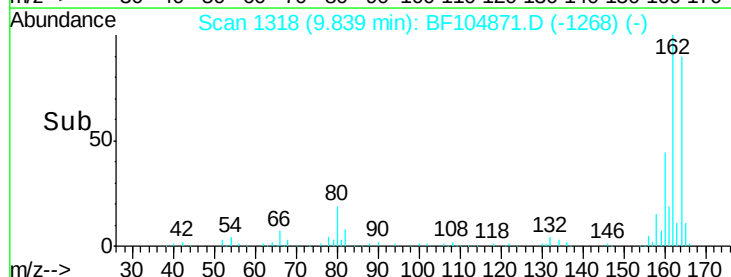
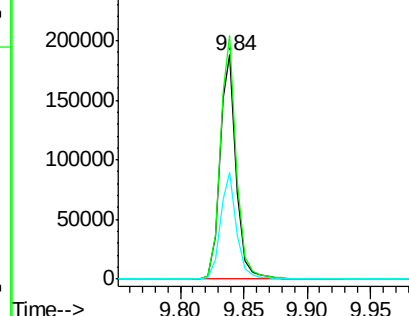


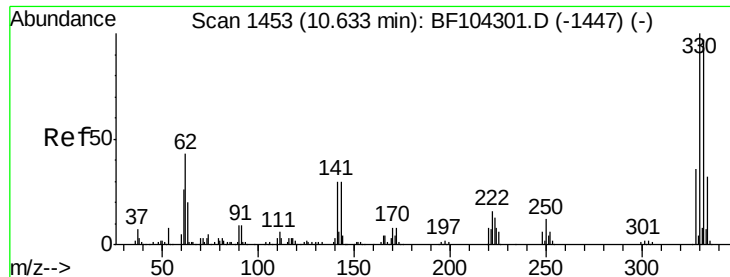
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

Tgt Ion: 164 Resp: 170417
 Ion Ratio Lower Upper
 164 100
 162 108.7 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: 110.717 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

Instrument :

BNA_F

ClientSampled :

S-2-A

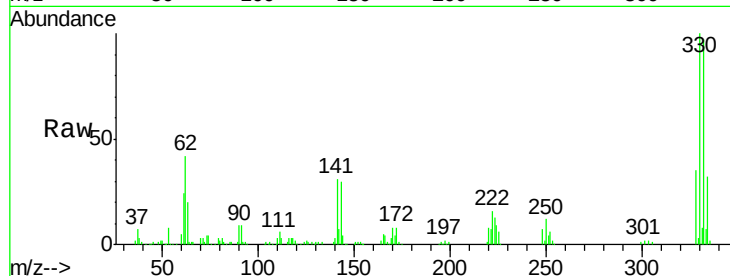
Tot Ion:330 Resp: 195724

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

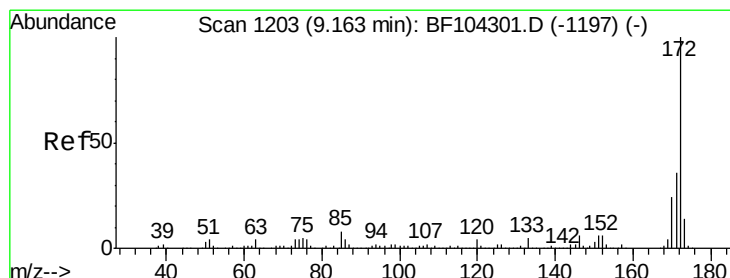
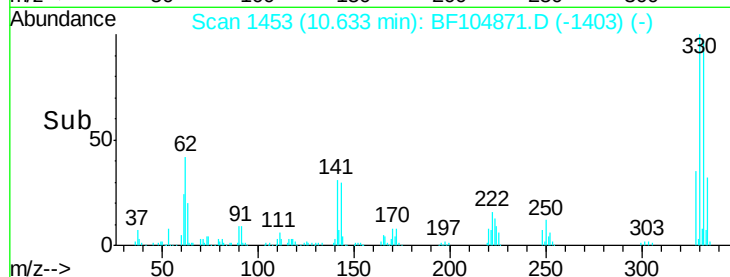
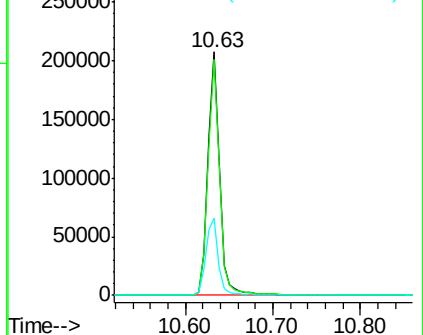
141 33.5 29.9 44.9



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: 86.071 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

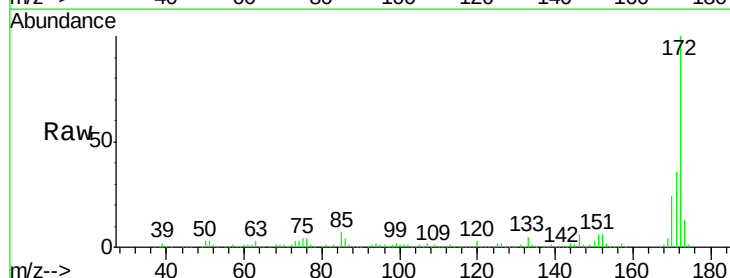
Tgt Ion:172 Resp: 928501

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

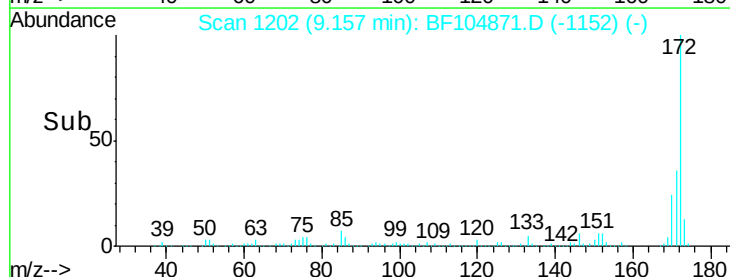
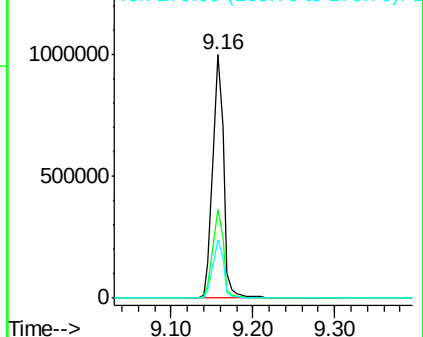
170 23.8 19.6 29.4

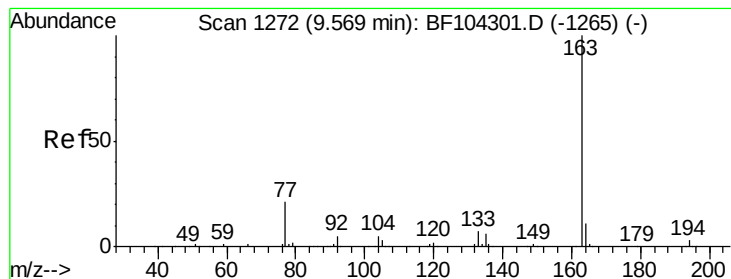


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.053 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

Instrument :

BNA_F

ClientSampled :

S-2-A

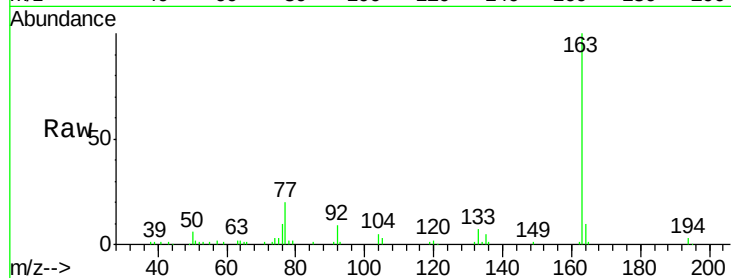
Tot Ion:163 Resp: 81350

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

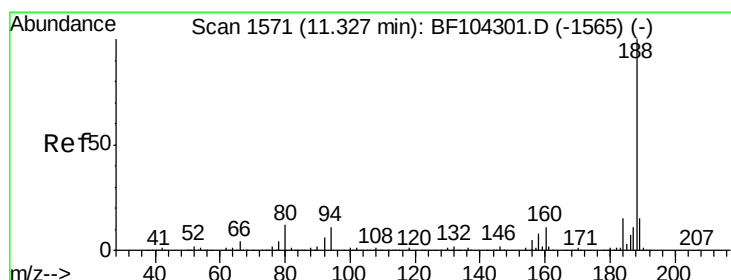
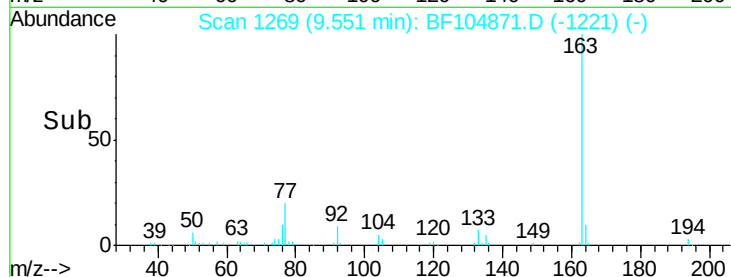
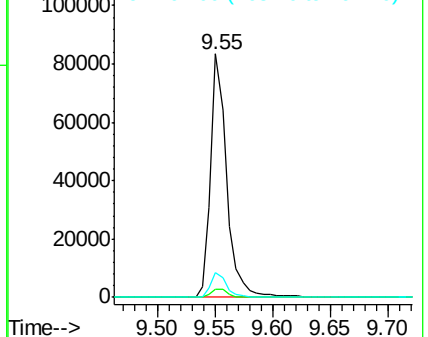
164 10.1 8.2 12.2



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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

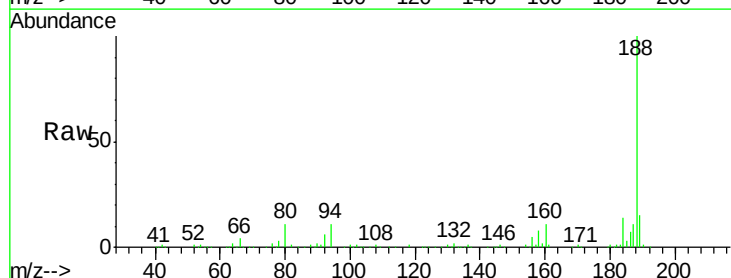
Tgt Ion:188 Resp: 257304

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

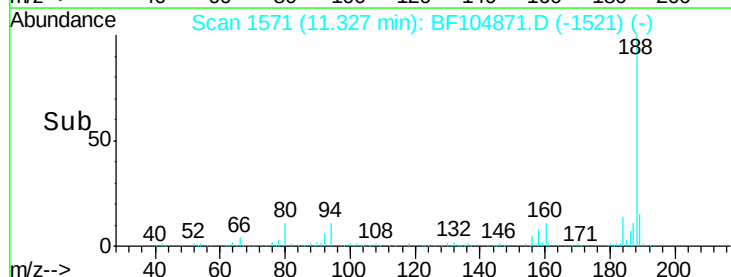
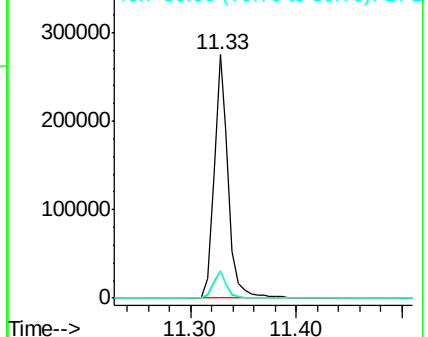
80 11.1 9.2 13.8

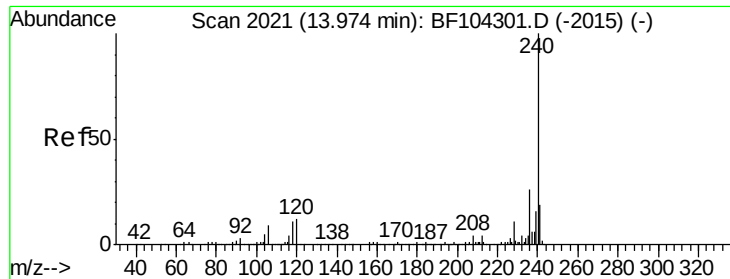


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

Instrument :

BNA_F

ClientSampleId :

S-2-A

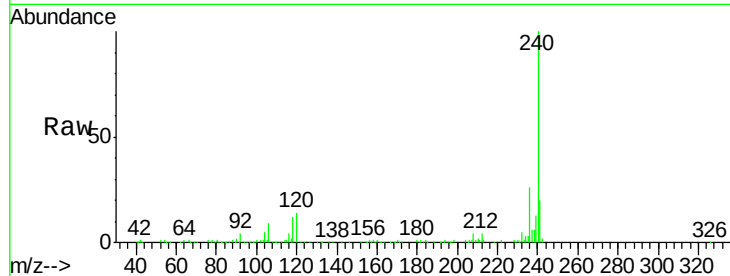
Tot Ion:240 Resp: 223481

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

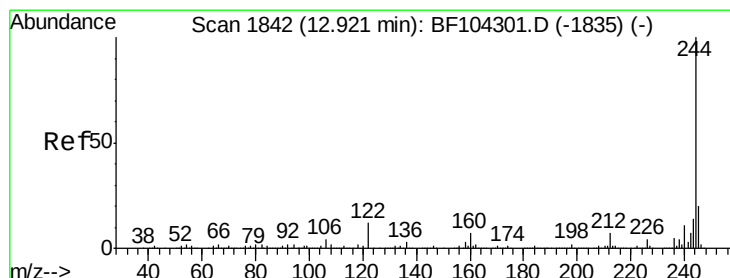
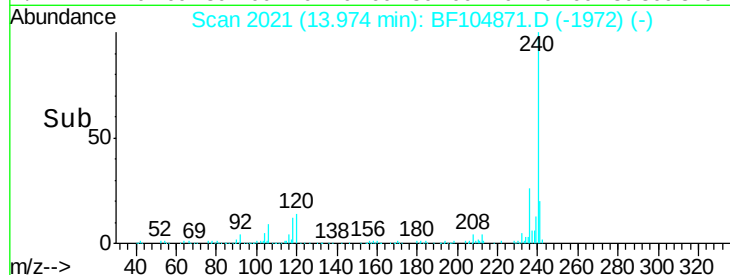
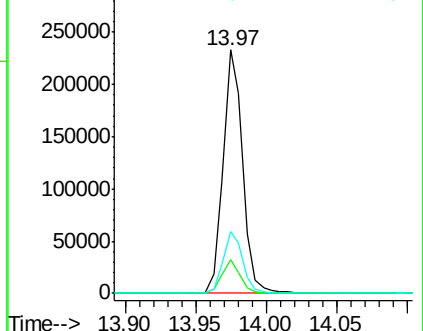
236 25.5 20.7 31.1



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: 65.448 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

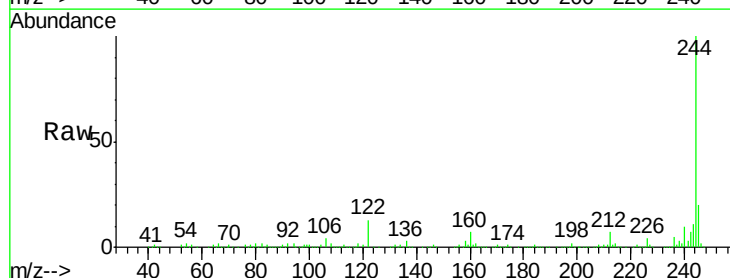
Tgt Ion:244 Resp: 641555

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

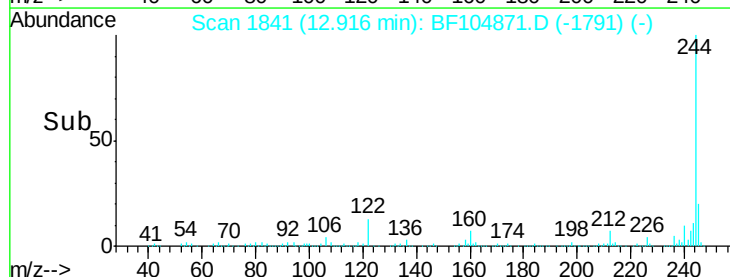
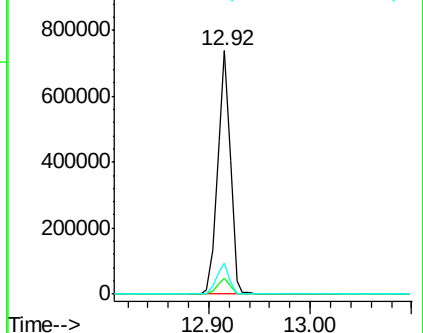
122 12.6 11.0 16.4

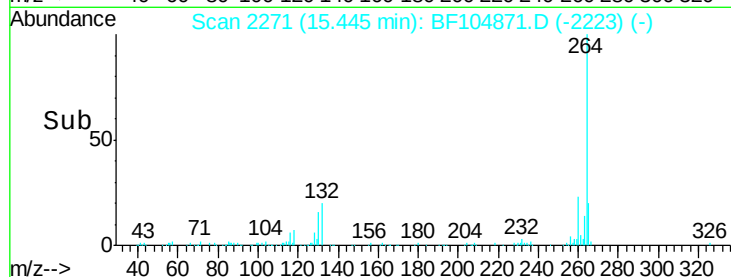
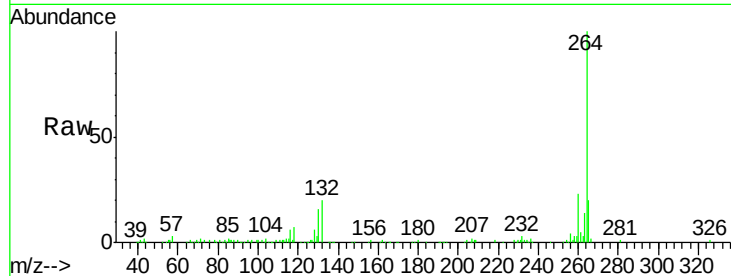
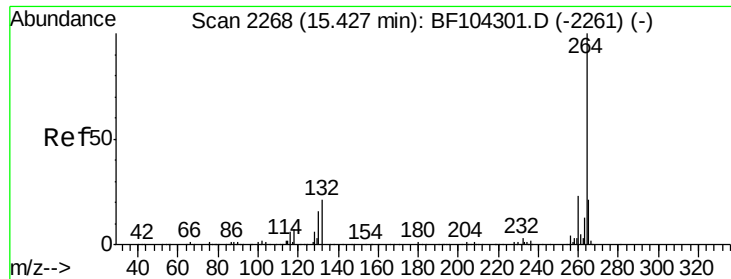


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :
 S-2-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.1	17.5	26.3

