

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104427.D
 Acq On : 11 Apr 2018 9:58
 Operator : JU/SJ
 Sample : J2304-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Apr 11 14:17:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

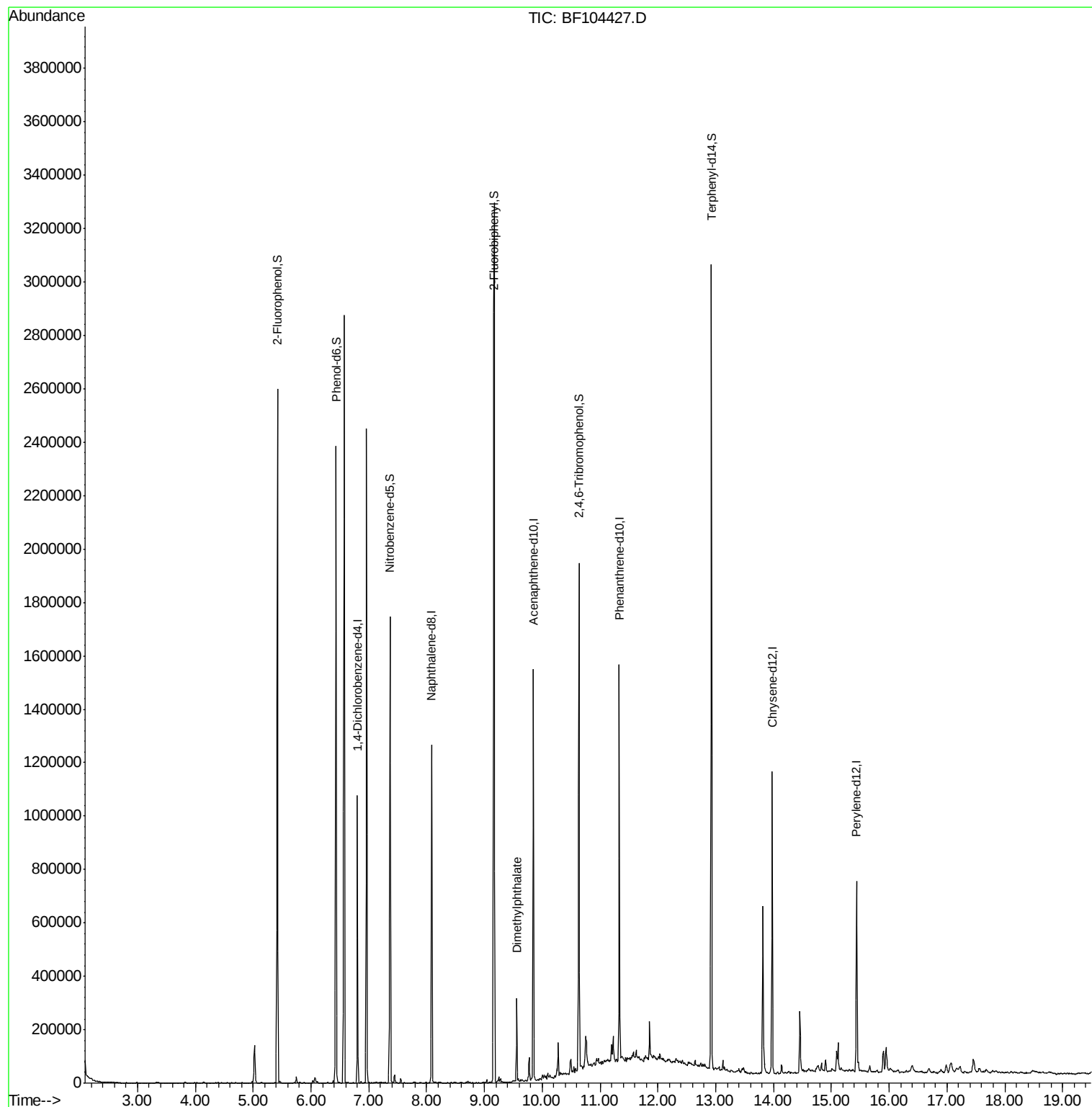
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149897	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	624900	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	295508	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	501823	20.00	ng	0.00
75) Chrysene-d12	13.97	240	379213	20.00	ng	-0.01
86) Perylene-d12	15.44	264	305435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	805848	82.20	ng	0.01
7) Phenol-d6	6.43	99	1024258	85.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	636584	66.52	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	269868	88.04	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1123738	60.07	ng	0.00
78) Terphenyl-d14	12.93	244	1066773	64.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	113065	4.852	ng	Qvalue 100

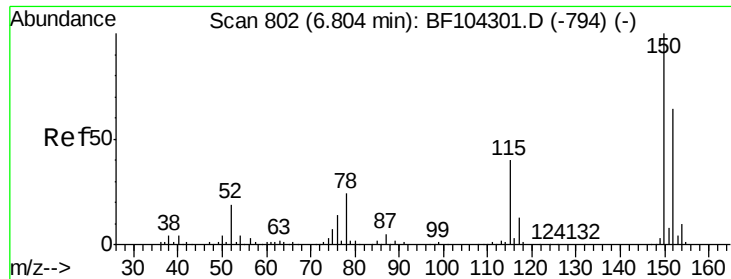
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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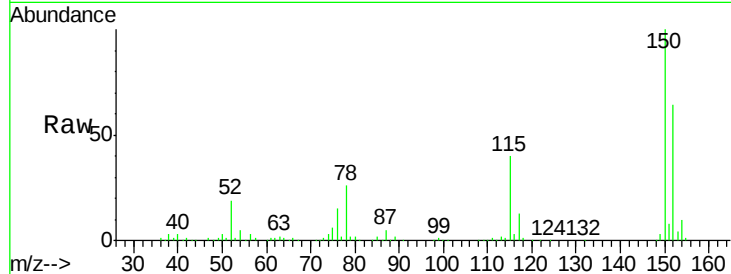


#1

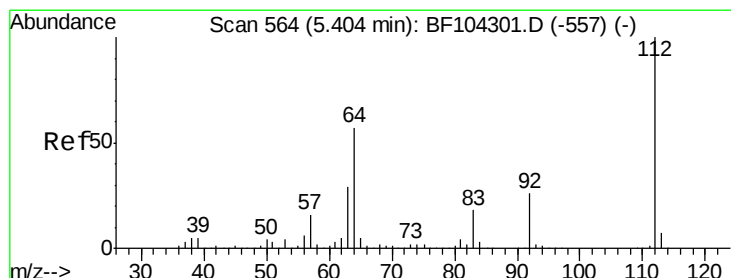
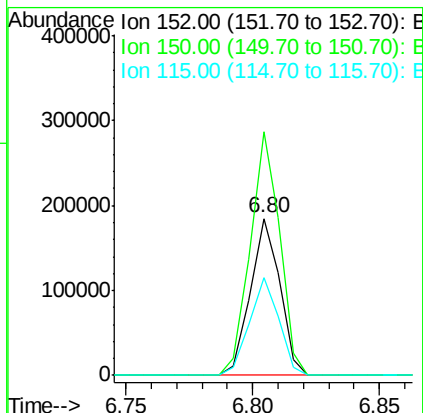
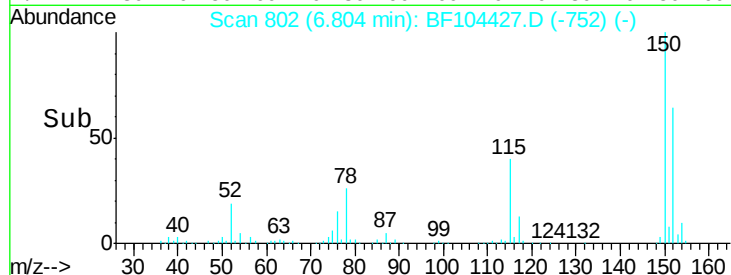
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	62.4	50.1	75.1



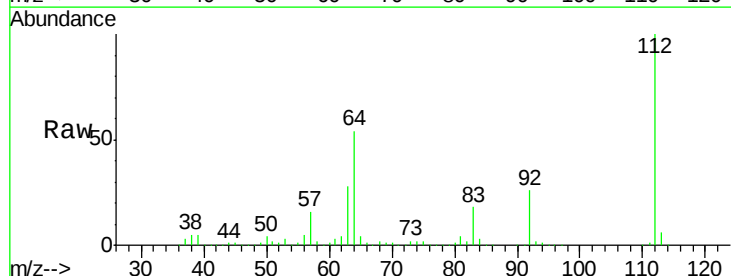
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



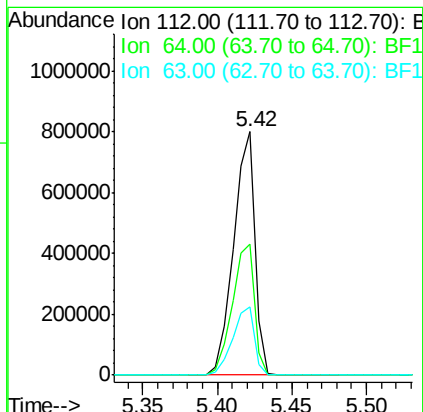
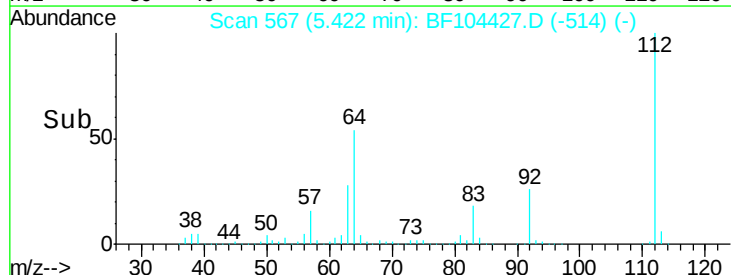
#5

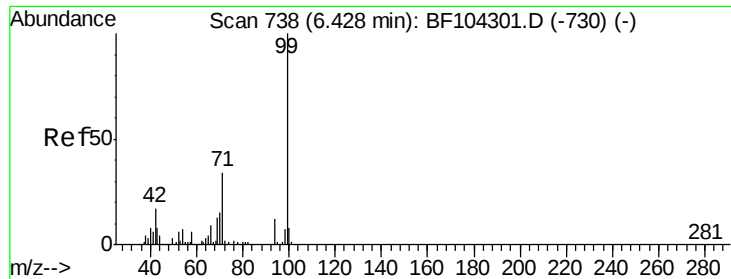
2-Fluorophenol
Concen: 82.202 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	27.9	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: 85.036 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Instrument :

BNA_F

ClientSampleId :

SP-1

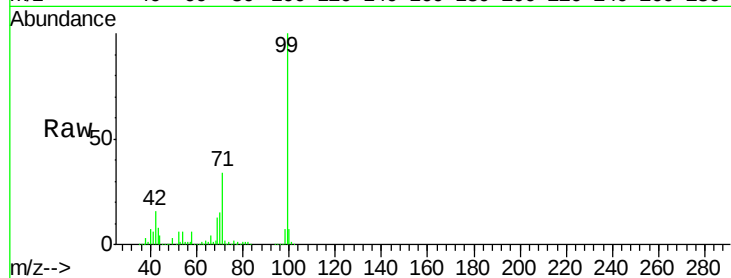
Tot Ion: 99 Resp: 1024258

Ion Ratio Lower Upper

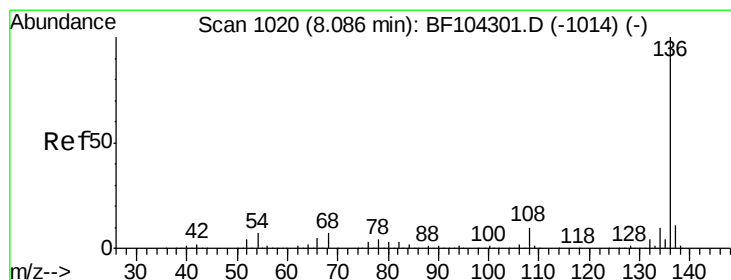
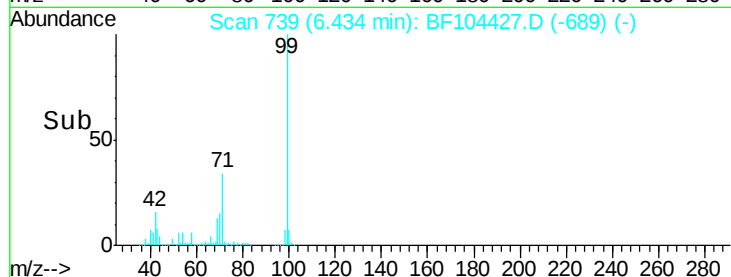
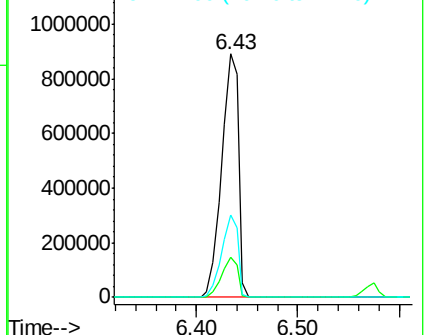
99 100

42 16.5 14.5 21.7

71 33.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Tgt Ion: 136 Resp: 624900

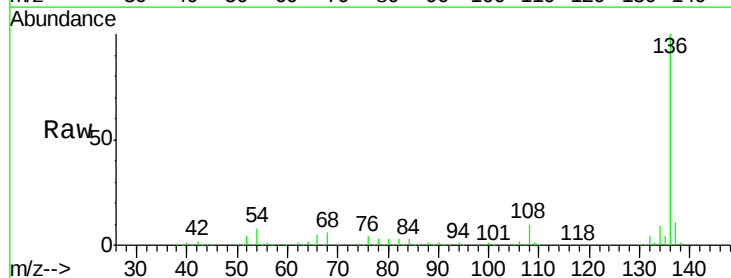
Ion Ratio Lower Upper

136 100

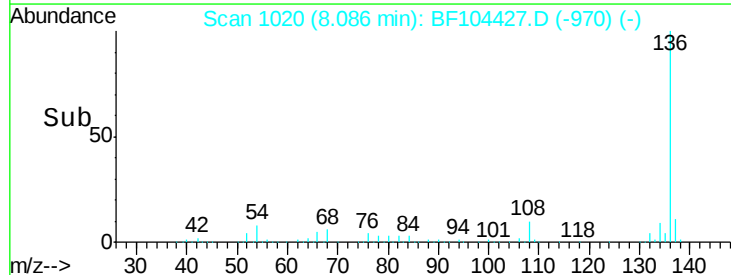
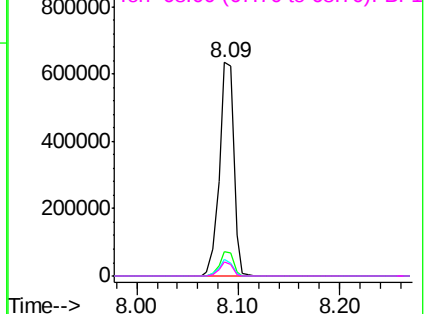
137 11.3 8.9 13.3

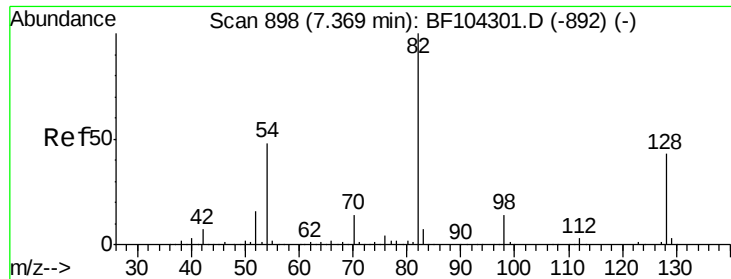
54 7.5 6.6 9.8

68 6.4 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

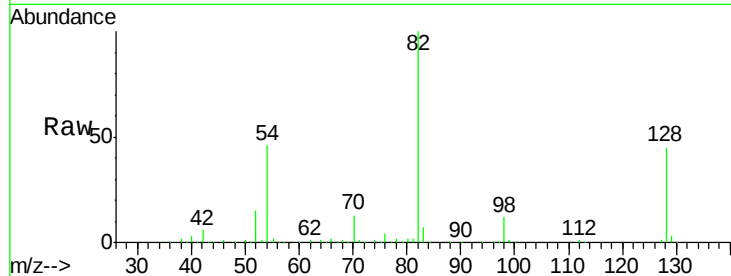




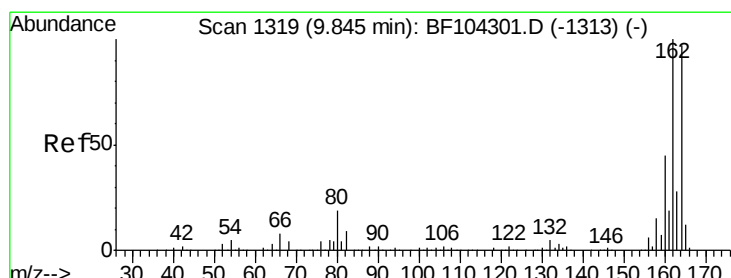
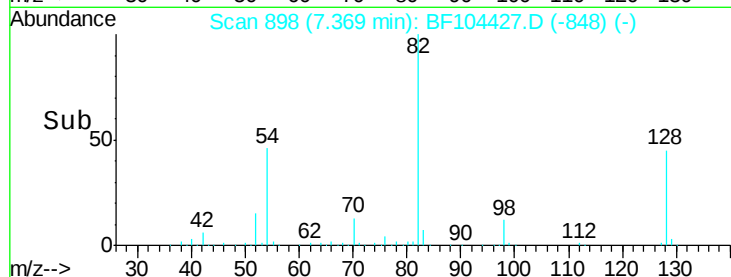
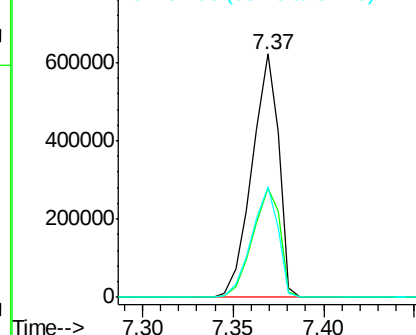
#23
Nitrobenzene-d5
Concen: 66.519 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion: 82 Resp: 636584
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 45.6 41.4 62.2

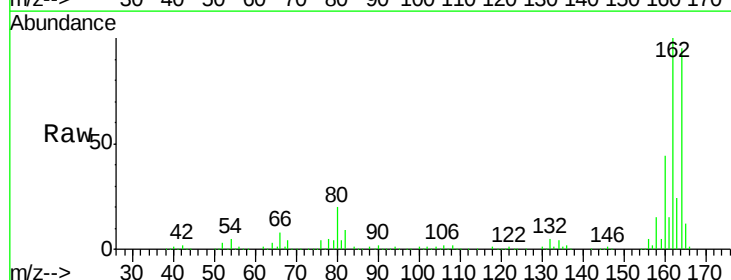


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

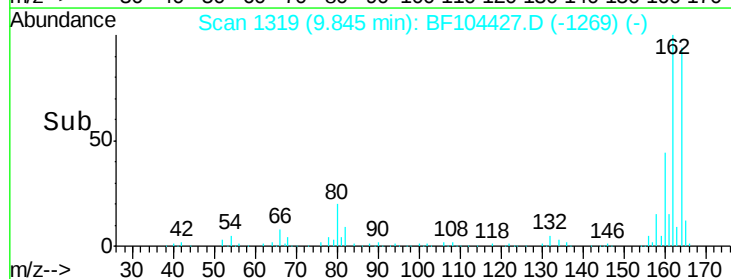
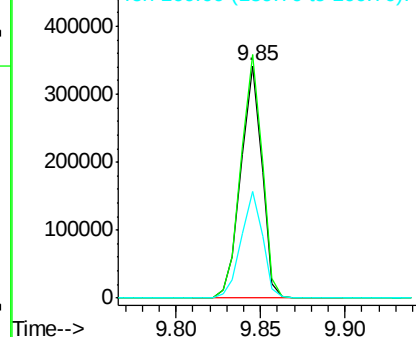


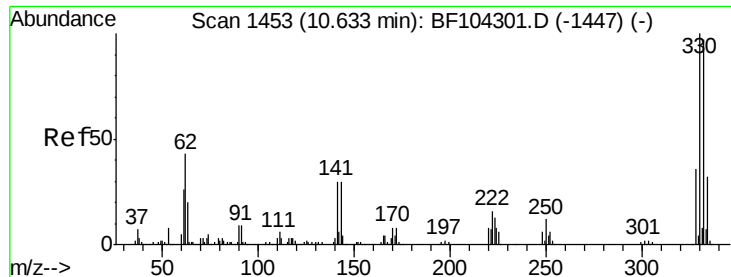
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Tgt Ion: 164 Resp: 295508
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 46.0 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

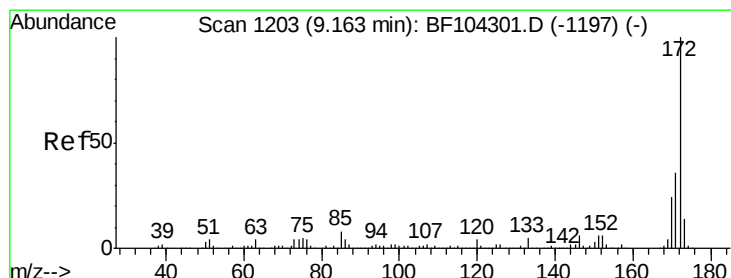
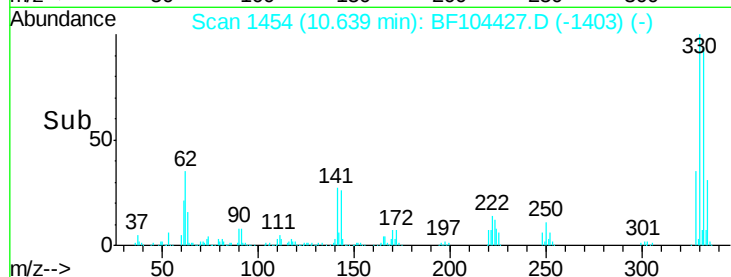
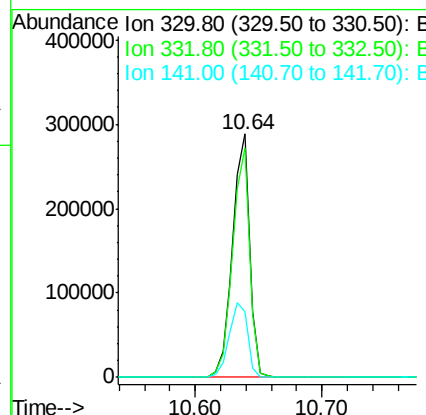
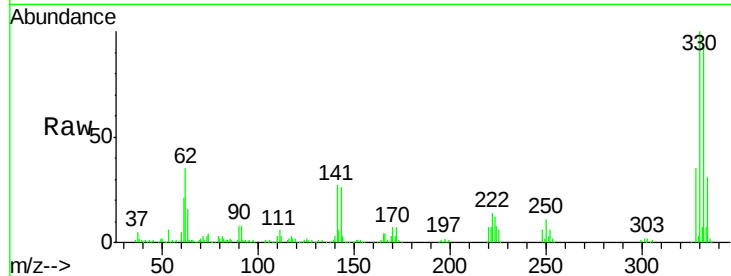




#41
 2,4,6-Tribromophenol
 Concen: 88.037 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104427.D
 Acq: 11 Apr 2018 9:58

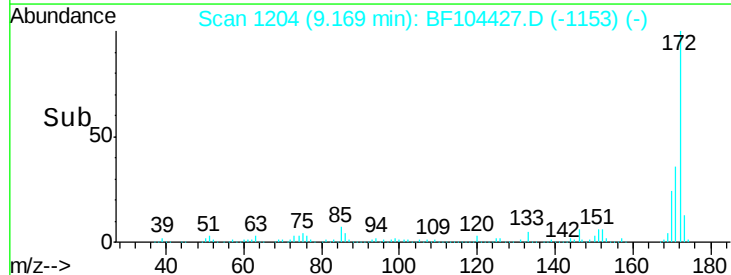
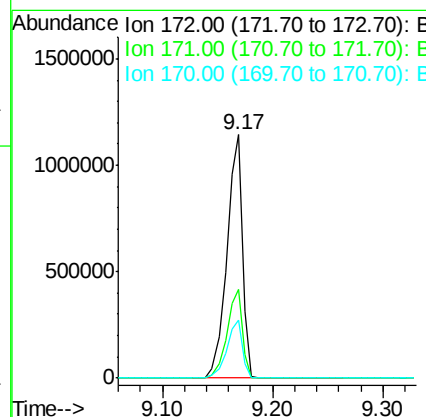
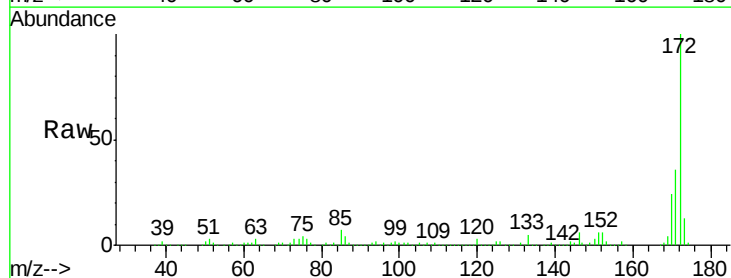
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

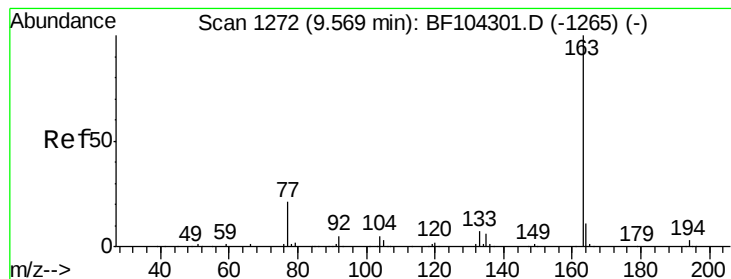
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 60.074 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104427.D
 Acq: 11 Apr 2018 9:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4





#49

Dimethylphthalate

Concen: 4.852 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Instrument :

BNA_F

ClientSampleId :

SP-1

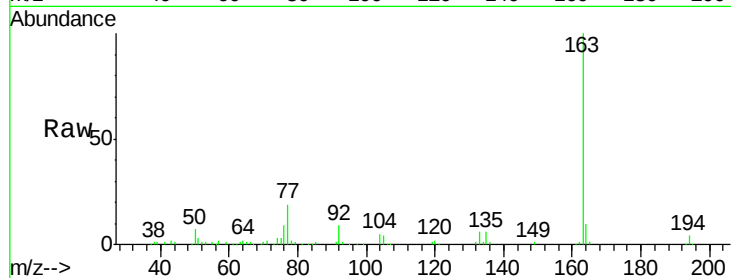
Tot Ion:163 Resp: 113065

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

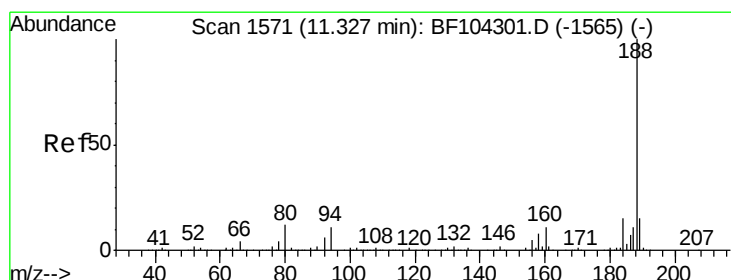
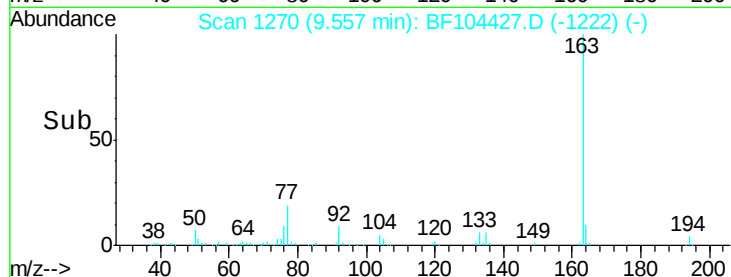
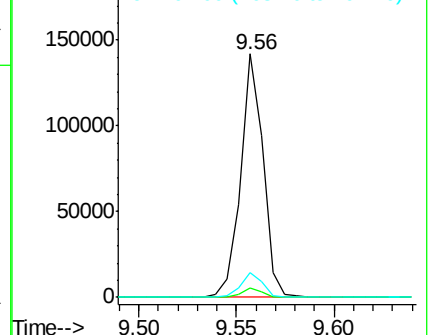
164 10.2 8.2 12.2



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# 1572

Delta R.T. -0.01 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

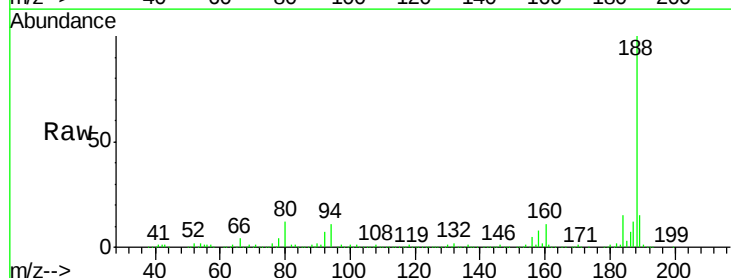
Tgt Ion:188 Resp: 501823

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

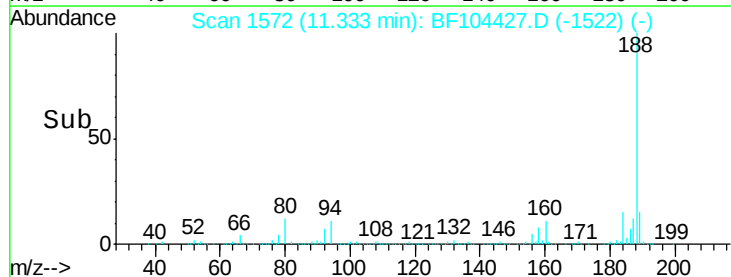
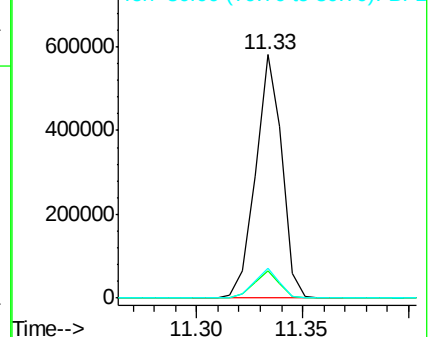
80 12.1 9.2 13.8

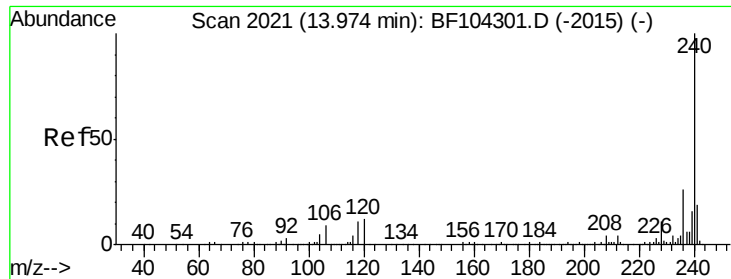


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF104427.D

Acq: 11 Apr 2018 9:58

Instrument :

BNA_F

ClientSampleId :

SP-1

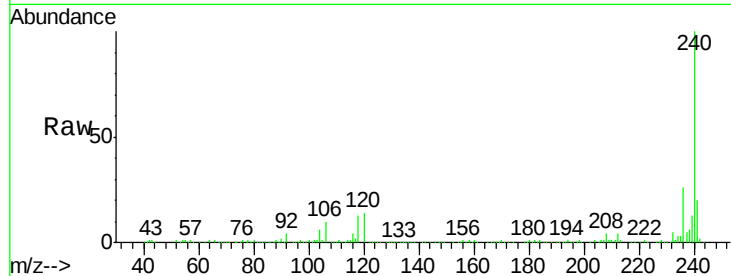
Tot Ion:240 Resp: 379213

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

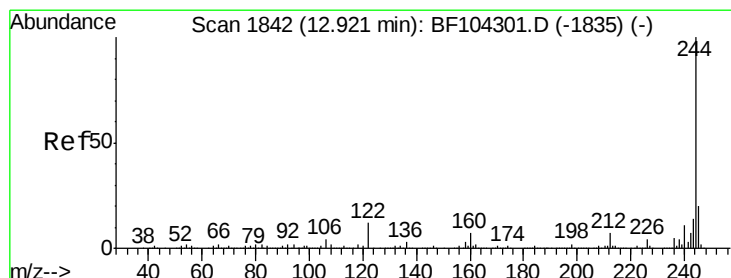
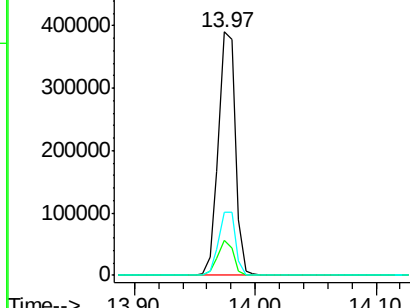
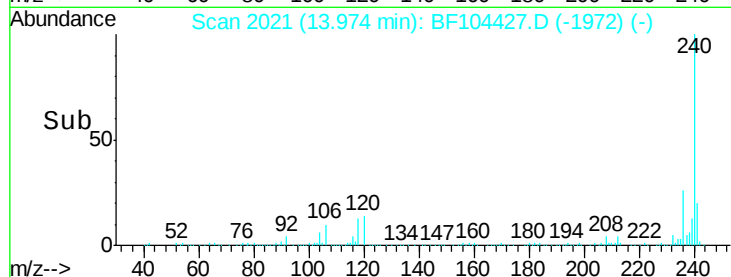
236 25.8 20.7 31.1



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: 64.134 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

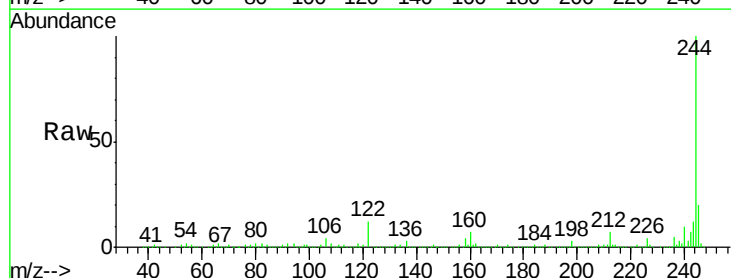
Tgt Ion:244 Resp: 1066773

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

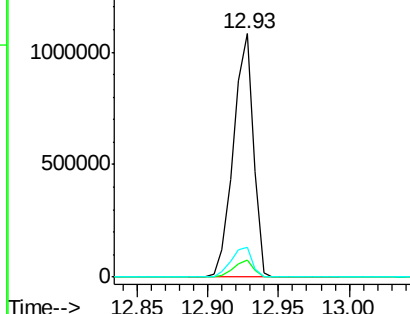
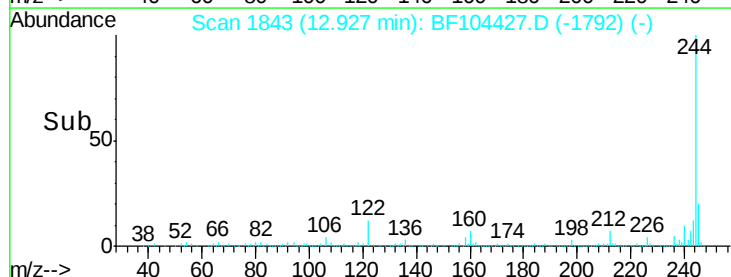
122 12.2 11.0 16.4

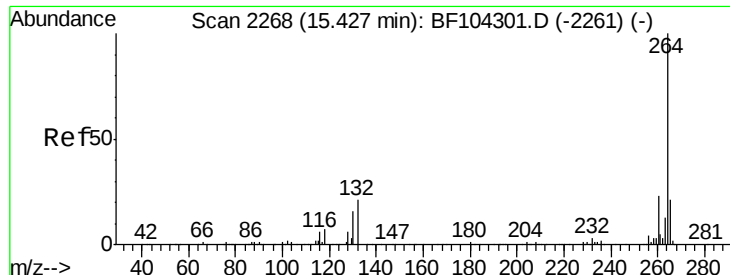


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

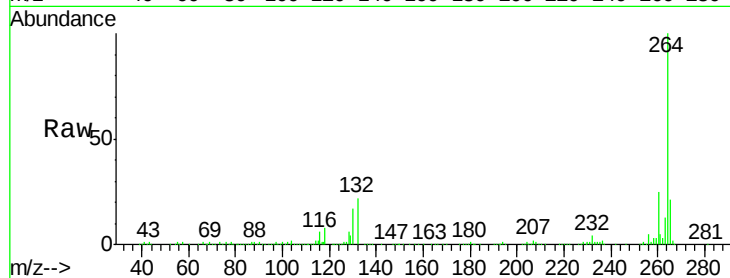




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.4	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

