

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104481.D
 Acq On : 13 Apr 2018 16:27
 Operator : JU/SJ
 Sample : J2364-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-C

Quant Time: Apr 13 18:06:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

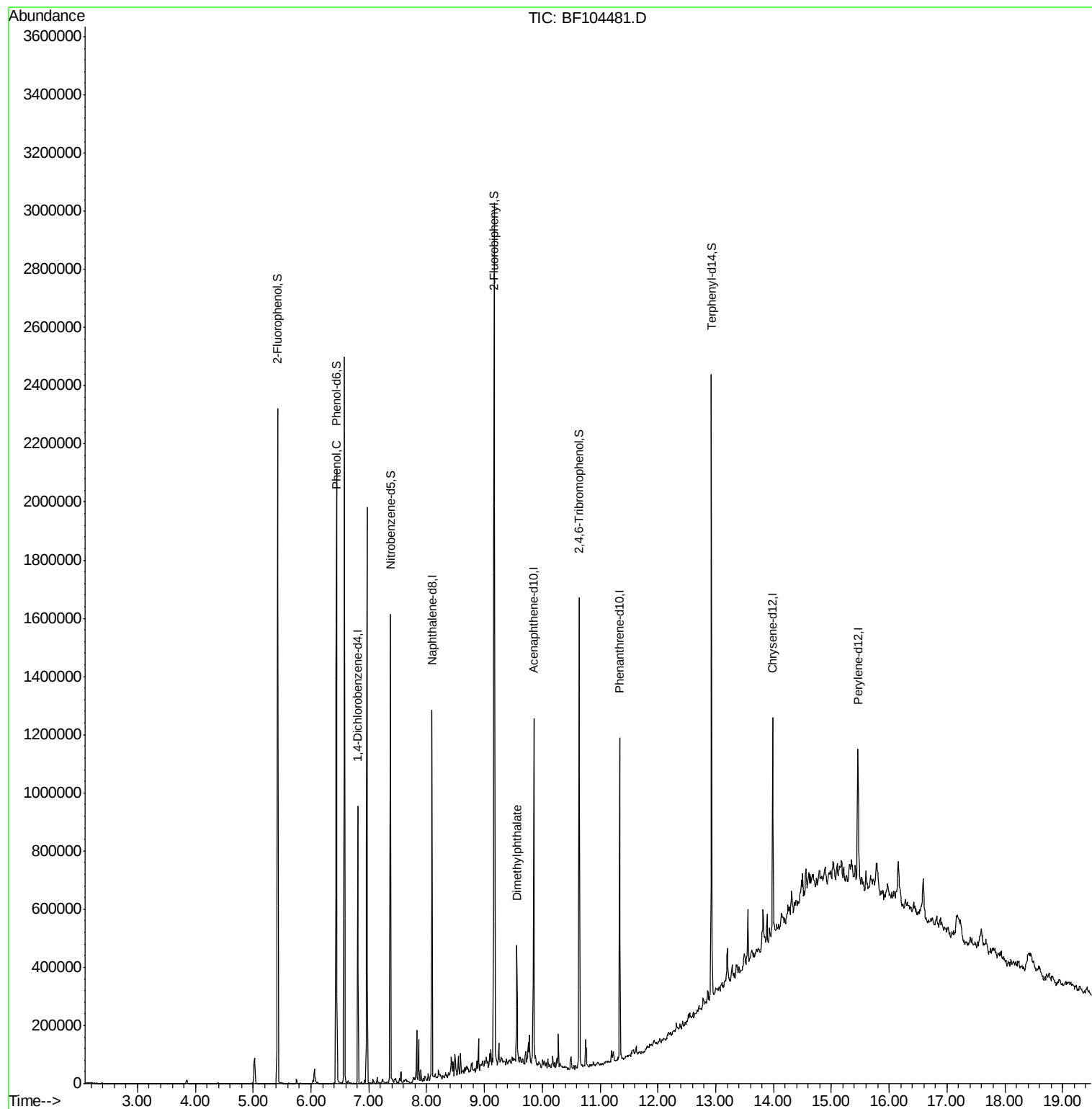
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128337	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	524849	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	226811	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	358433	20.00	ng	0.00
75) Chrysene-d12	13.99	240	239150	20.00	ng	0.00
86) Perylene-d12	15.46	264	211863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	688691	82.05	ng	0.00
7) Phenol-d6	6.44	99	839510	81.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	515784	64.17	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	190248	80.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	905975	63.10	ng	0.00
78) Terphenyl-d14	12.93	244	679445	64.77	ng	0.00
Target Compounds						
10) Phenol	6.45	94	29631	2.708	ng	98
49) Dimethylphthalate	9.56	163	125430	7.013	ng	99

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

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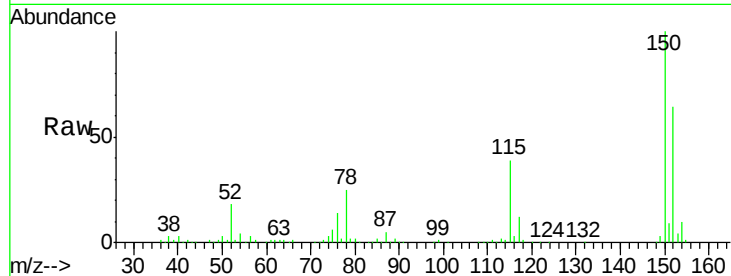


#1

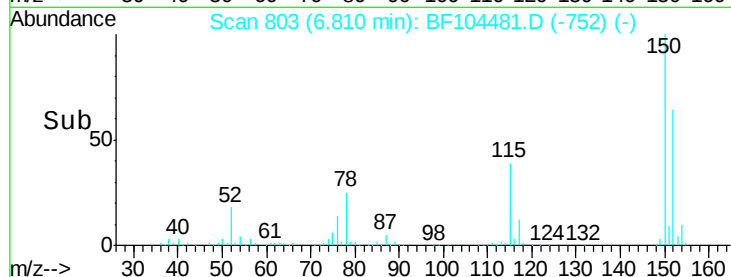
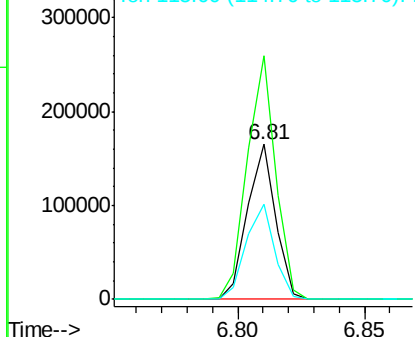
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104481.D
 Acq: 13 Apr 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SP-C

Tot Ion:152 Resp: 128337
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 61.3 50.1 75.1



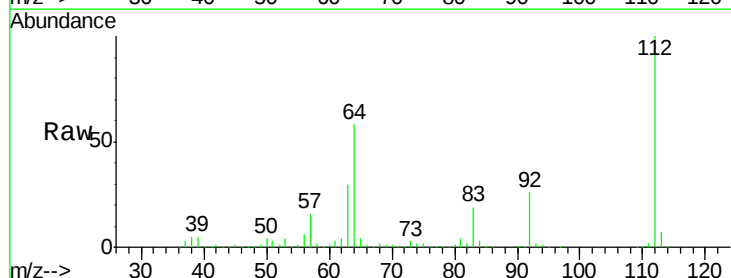
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



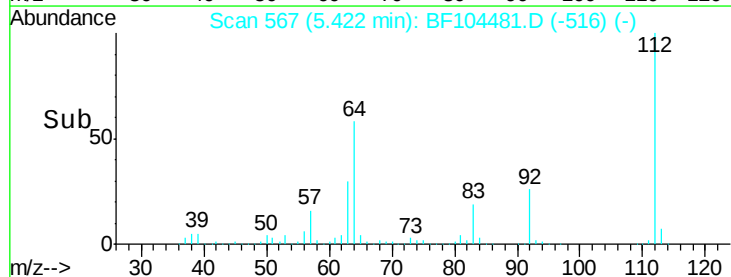
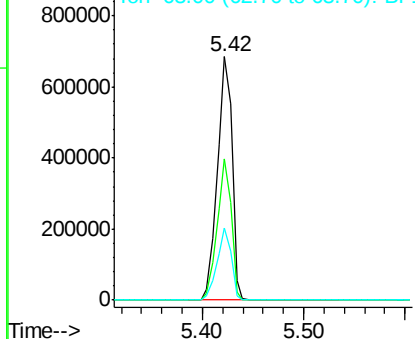
#5

2-Fluorophenol
 Concen: 82.053 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF104481.D
 Acq: 13 Apr 2018 16:27

Tgt Ion:112 Resp: 688691
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 29.5 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: 81.407 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104481.D

Acq: 13 Apr 2018 16:27

Instrument :

BNA_F

ClientSampled :

SP-C

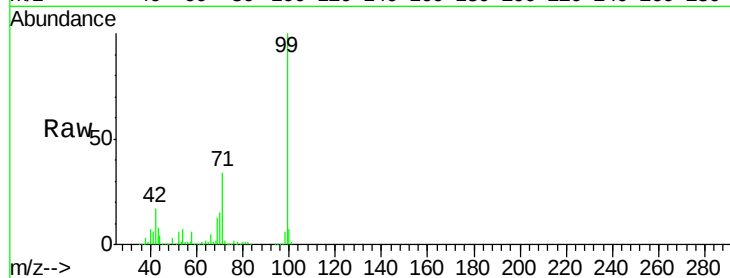
Tot Ion: 99 Resp: 839510

Ion Ratio Lower Upper

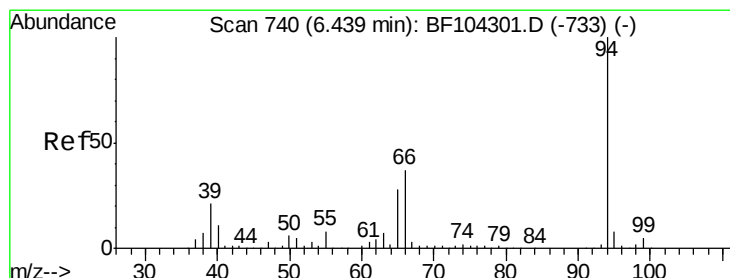
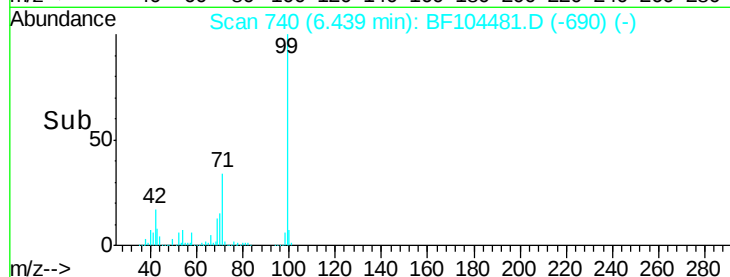
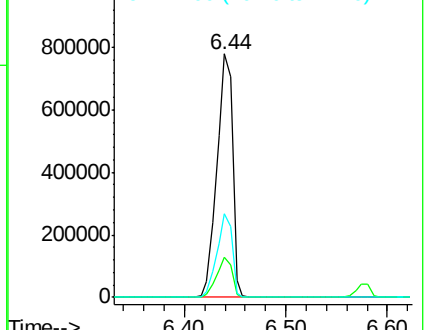
99 100

42 16.5 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: 2.708 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104481.D

Acq: 13 Apr 2018 16:27

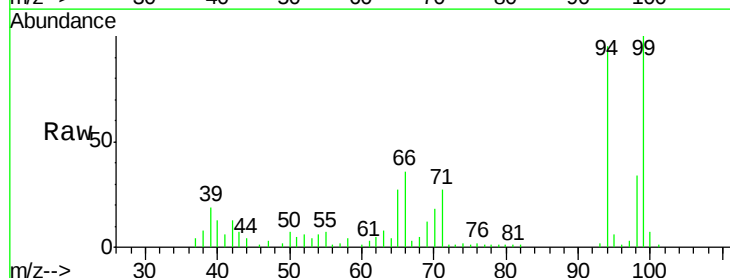
Tgt Ion: 94 Resp: 29631

Ion Ratio Lower Upper

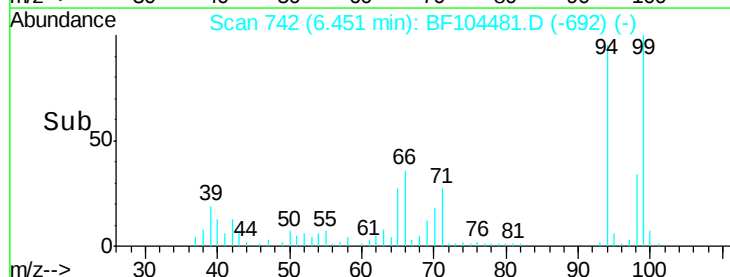
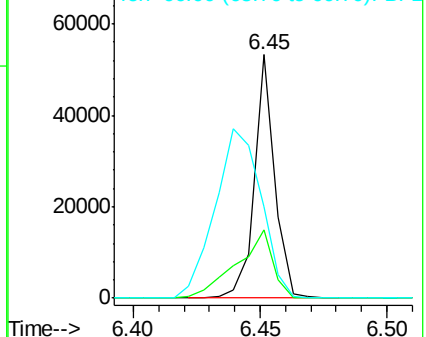
94 100

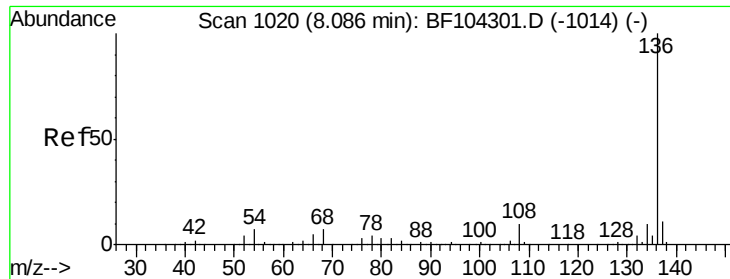
65 28.0 7.9 47.9

66 37.7 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

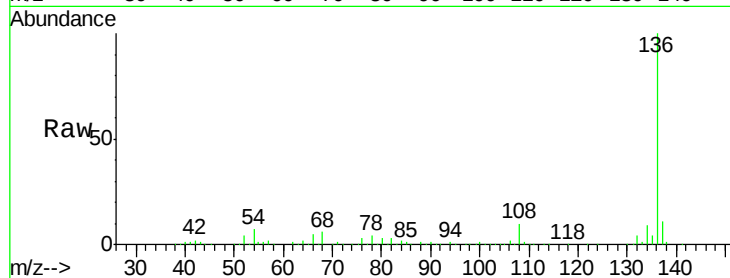




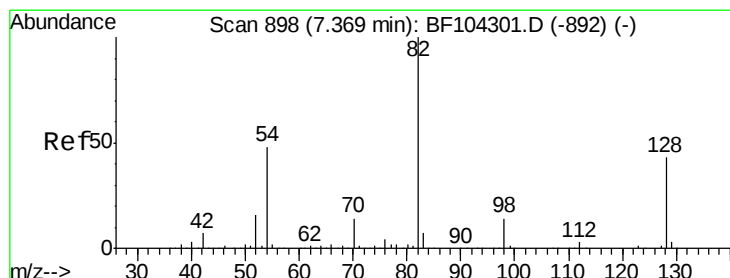
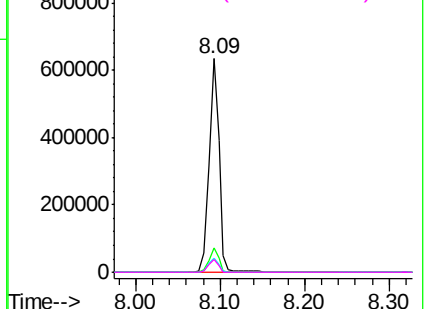
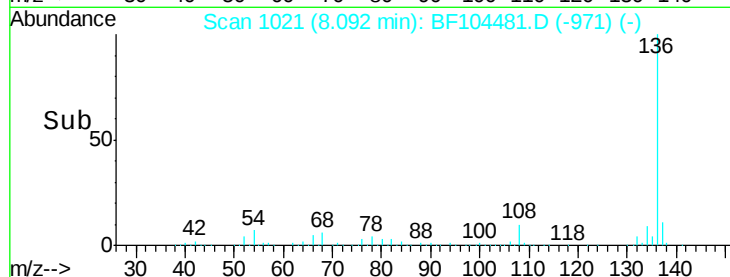
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleID :
SP-C

Tot Ion:136	Resp:	524849
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	6.9	6.6 9.8
68	5.9	5.0 7.4

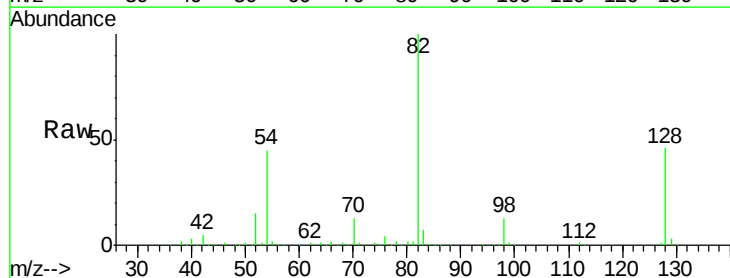


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

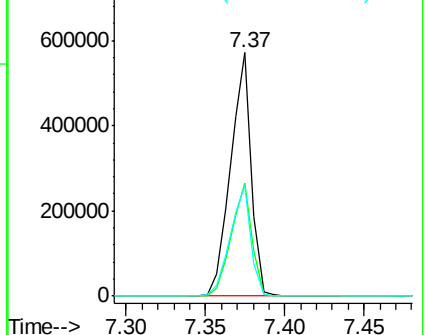
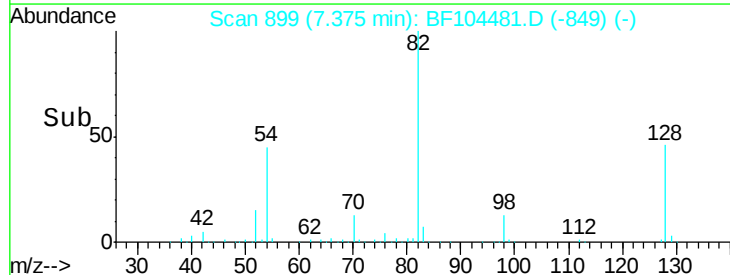


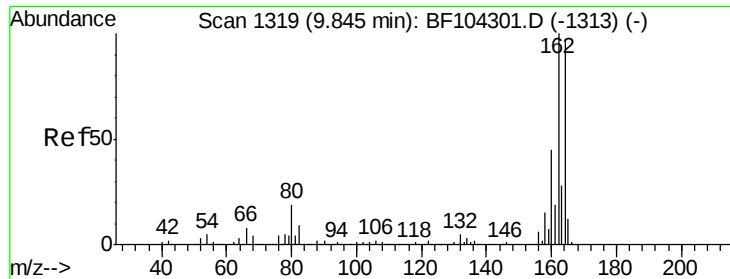
#23
Nitrobenzene-d5
Concen: 64.170 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Tgt Ion: 82	Resp:	515784
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.1 54.1
54	45.3	41.4 62.2



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

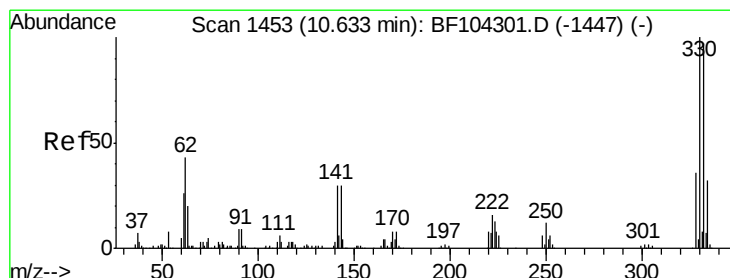
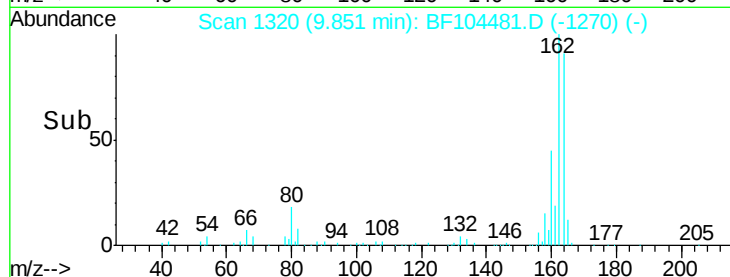
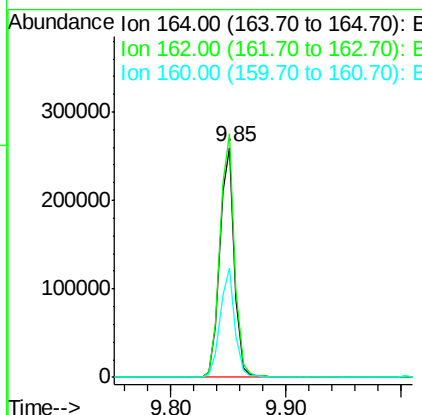
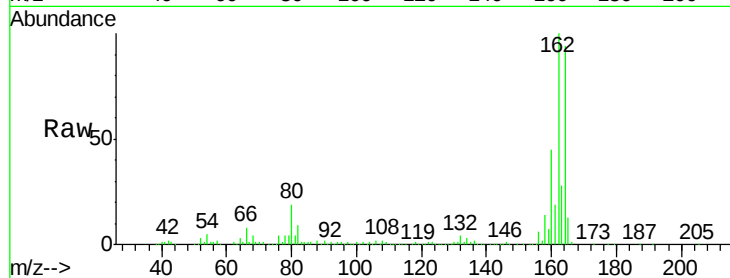




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104481.D
 Acq: 13 Apr 2018 16:27

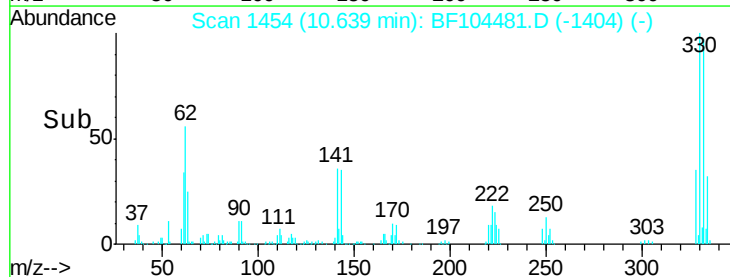
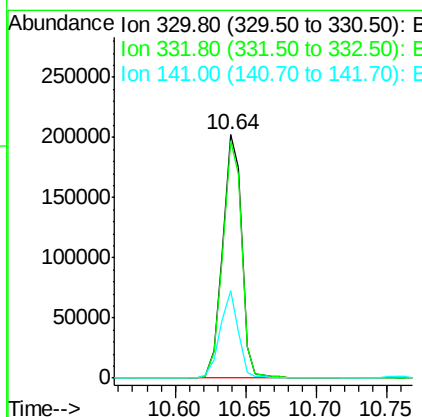
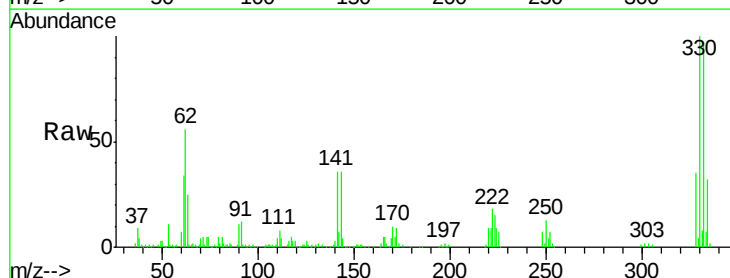
Instrument :
 BNA_F
 ClientSampleId :
 SP-C

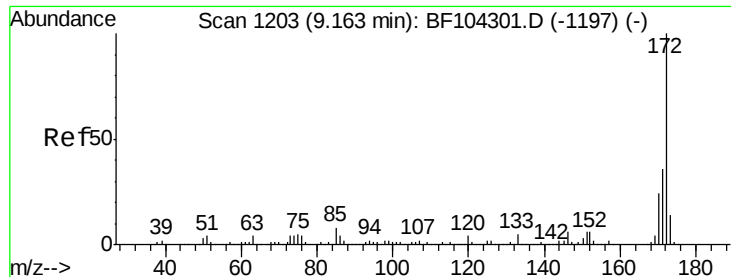
Tot Ion:164 Resp: 226811
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 80.861 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104481.D
 Acq: 13 Apr 2018 16:27

Tgt Ion:330 Resp: 190248
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.8 29.9 44.9

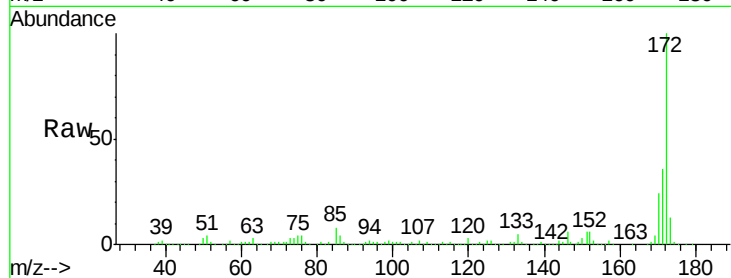




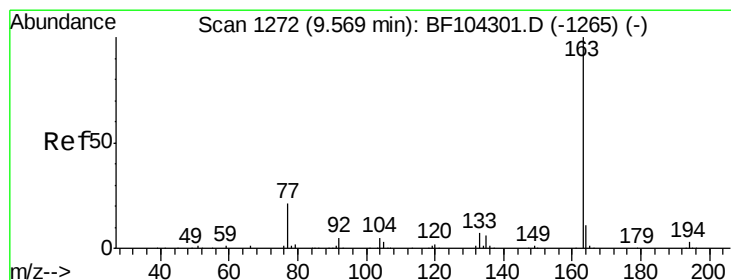
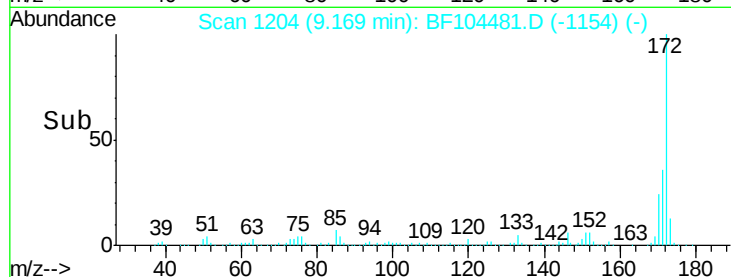
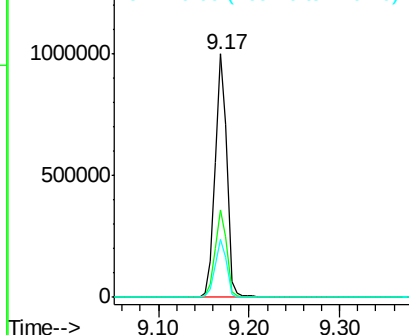
#44
2-Fluorobiphenyl
Concen: 63.102 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SP-C

Tot Ion:172 Resp: 905975
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.0 19.6 29.4

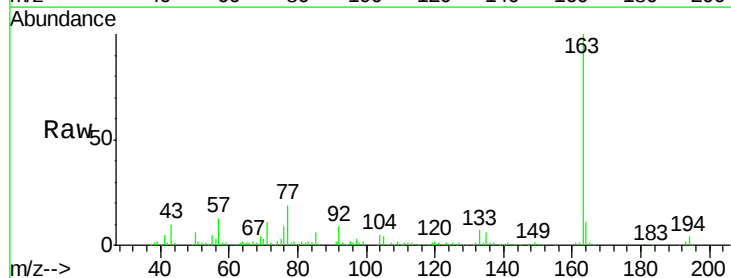


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

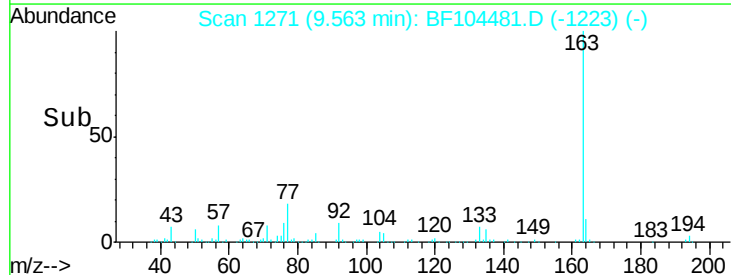
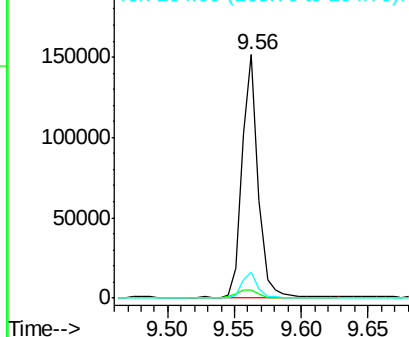


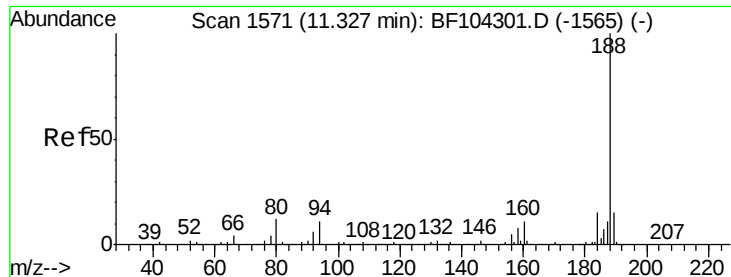
#49
Dimethylphthalate
Concen: 7.013 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Tgt Ion:163 Resp: 125430
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 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

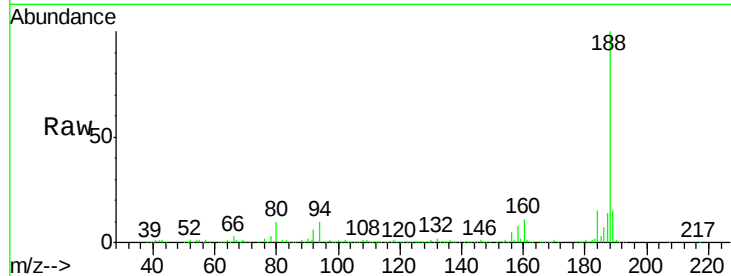




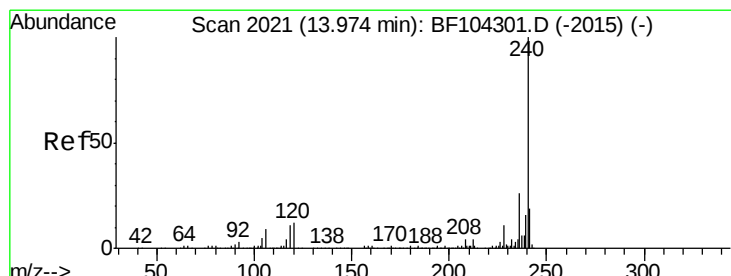
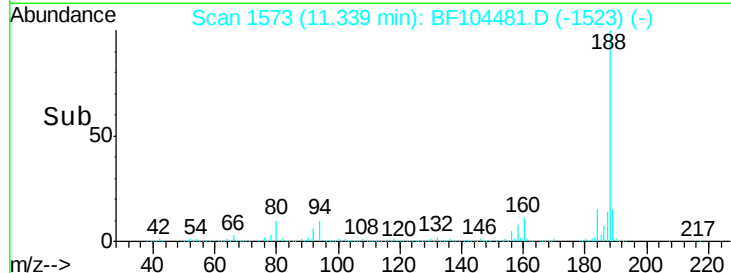
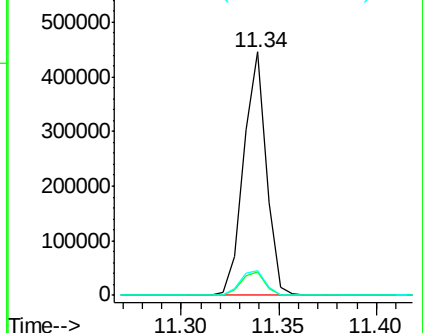
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SP-C

Tot Ion:188 Resp: 358433
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.3 9.2 13.8

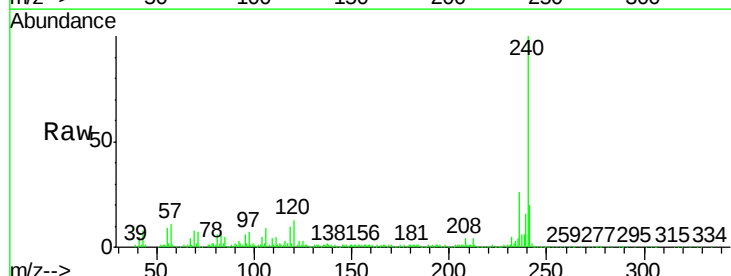


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

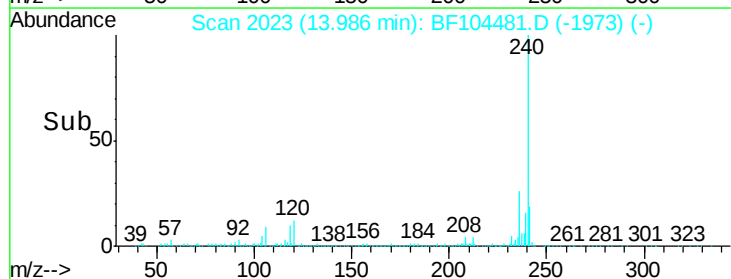
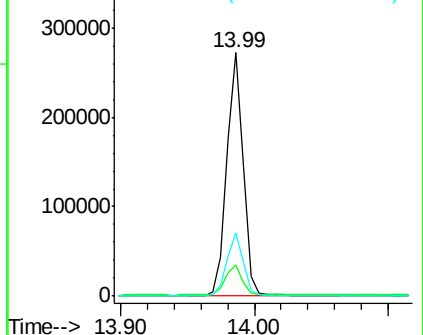


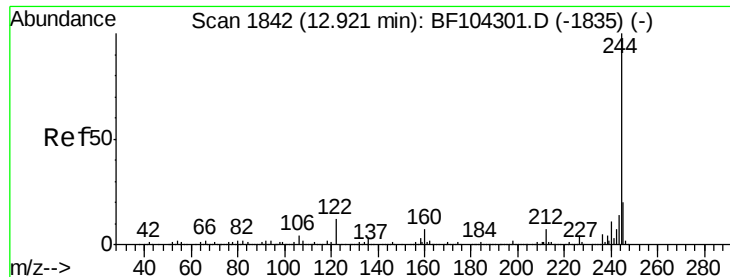
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Tgt Ion:240 Resp: 239150
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.9 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: 64.772 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104481.D

Acq: 13 Apr 2018 16:27

Instrument :

BNA_F

ClientSampleId :

SP-C

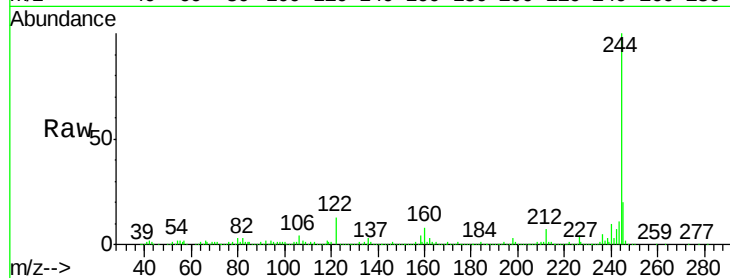
Tot Ion:244 Resp: 679445

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

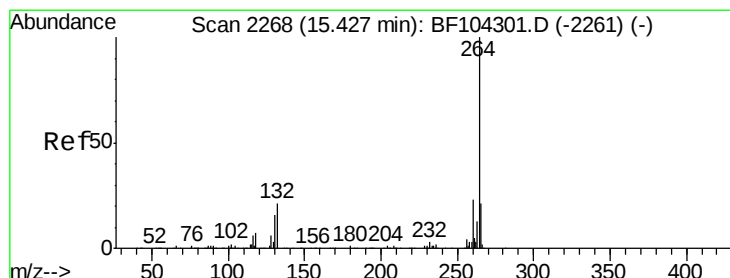
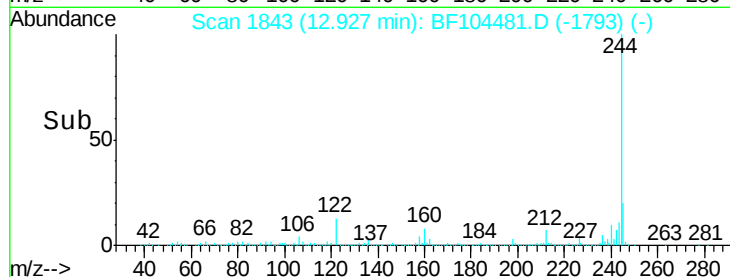
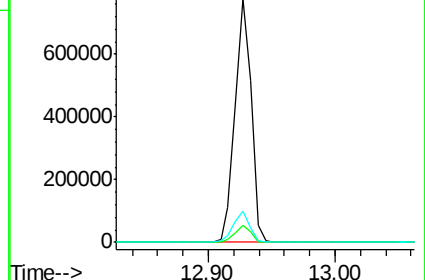
122 13.0 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF104481.D

Acq: 13 Apr 2018 16:27

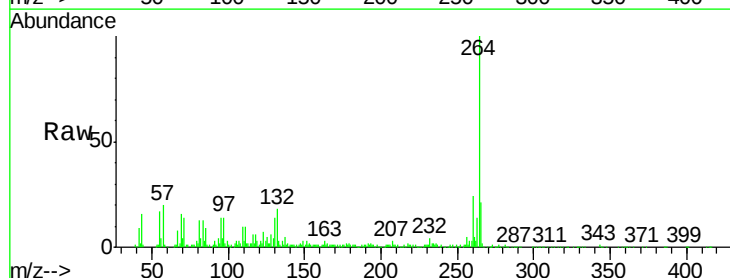
Tgt Ion:264 Resp: 211863

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.0 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

