

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104431.D
 Acq On : 11 Apr 2018 12:10
 Operator : JU/SJ
 Sample : J2310-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01

Quant Time: Apr 11 14:24:26 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

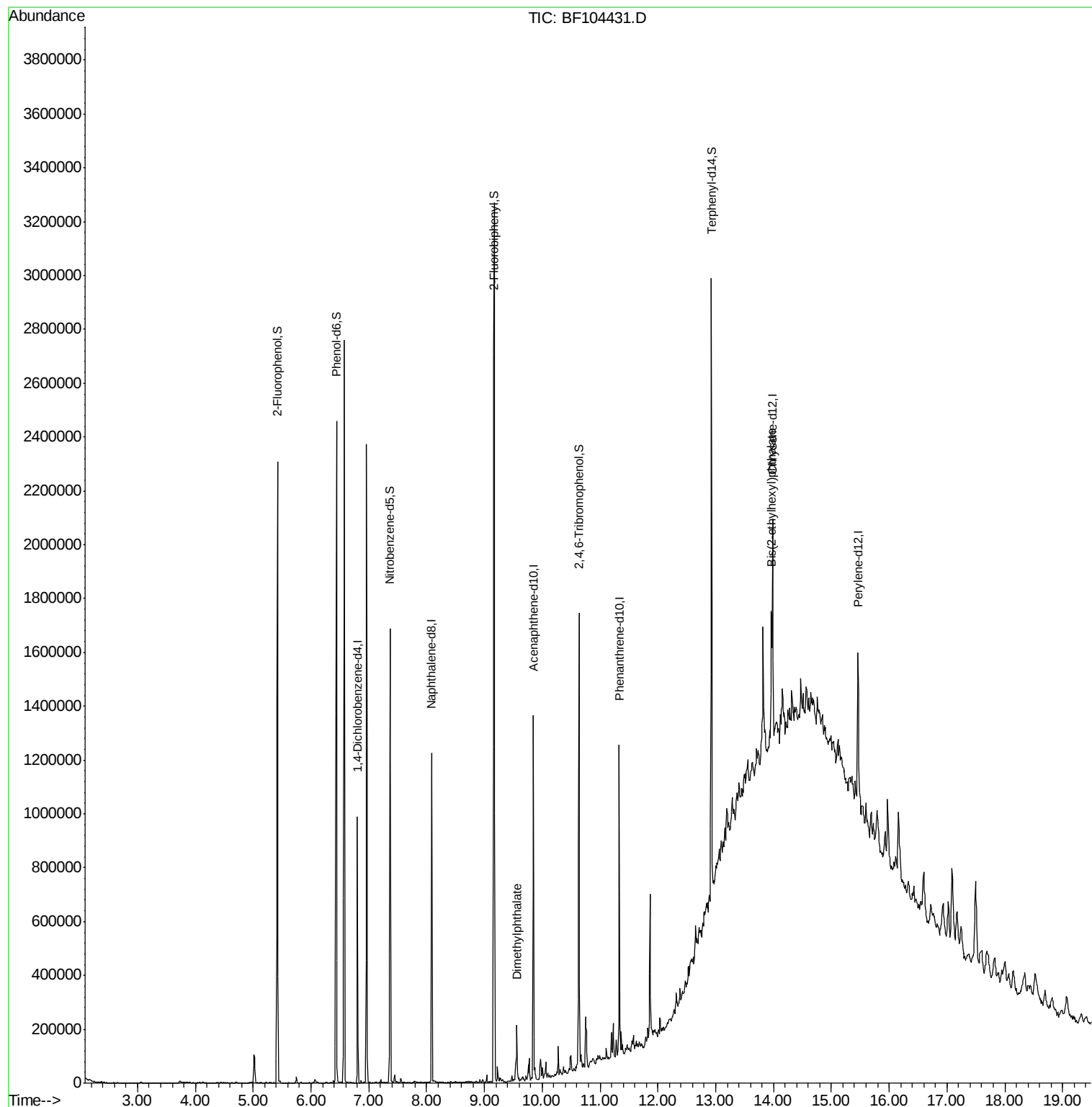
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139493	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	564626	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246190	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	380860	20.00	ng	0.00
75) Chrysene-d12	13.99	240	275848	20.00	ng	0.00
86) Perylene-d12	15.46	264	287281	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	758133	83.10	ng	0.01
7) Phenol-d6	6.44	99	948118	84.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	582483	67.36	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	230845	90.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1054131	67.64	ng	0.00
78) Terphenyl-d14	12.93	244	803148	66.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	75120	3.869	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	150465	12.144	ng	98

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

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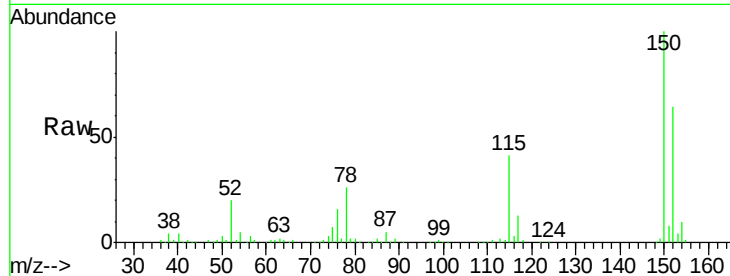


#1

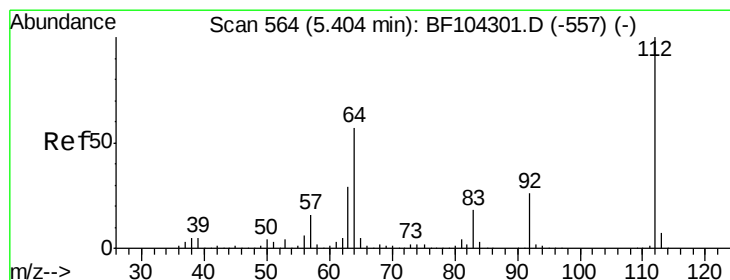
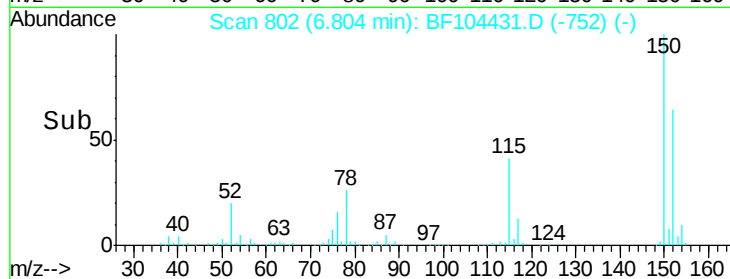
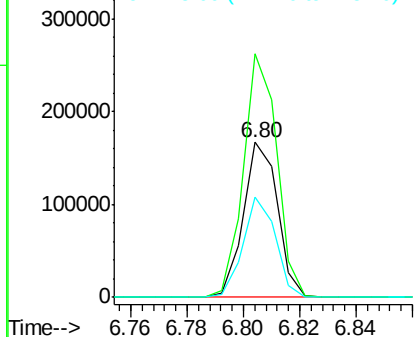
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104431.D
Acq: 11 Apr 2018 12:10

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01

Tot Ion:152 Resp: 139493
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 65.0 50.1 75.1



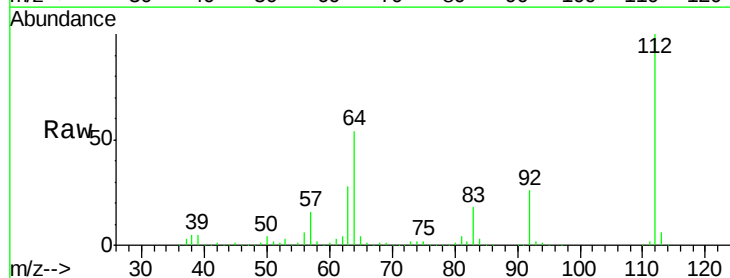
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



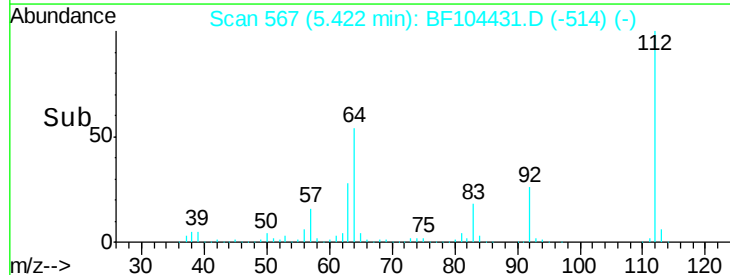
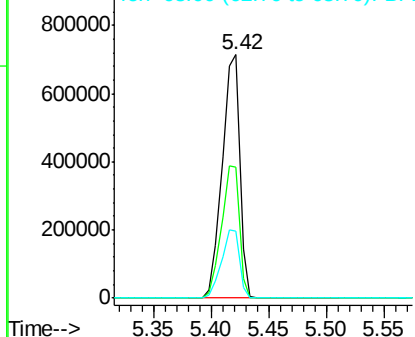
#5

2-Fluorophenol
Concen: 83.103 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104431.D
Acq: 11 Apr 2018 12:10

Tgt Ion:112 Resp: 758133
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.8 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: 84.586 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01

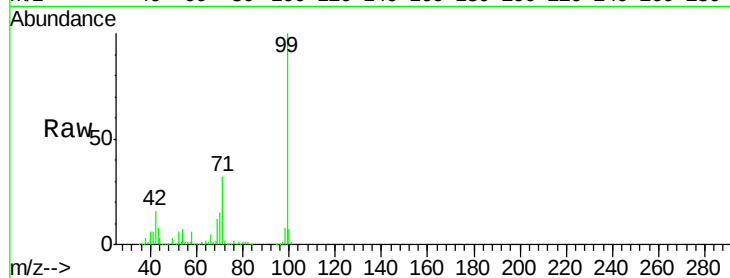
Tot Ion: 99 Resp: 948118

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

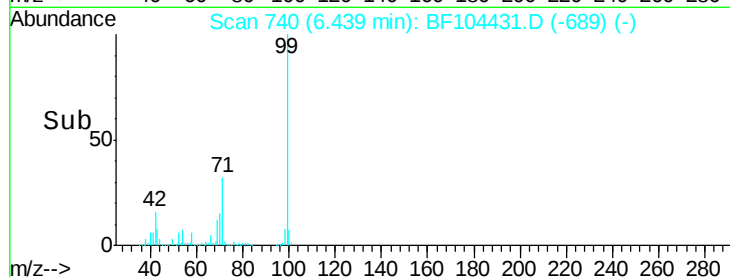
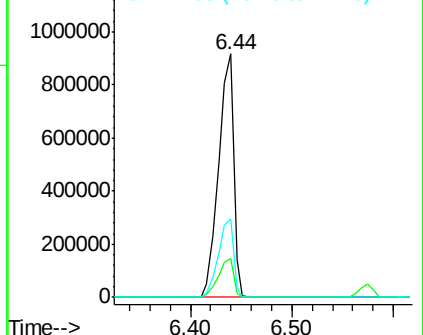
71 32.4 25.4 38.0



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: BF104431.D

Acq: 11 Apr 2018 12:10

Tgt Ion: 136 Resp: 564626

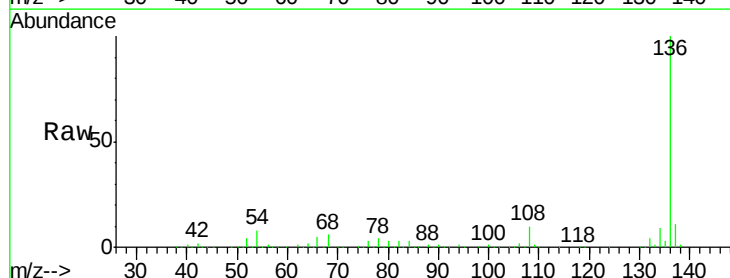
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.6 6.6 9.8

68 6.4 5.0 7.4

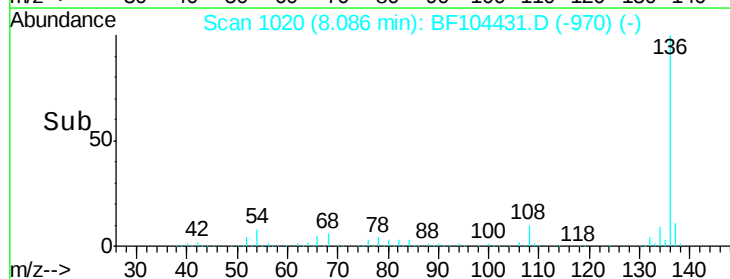
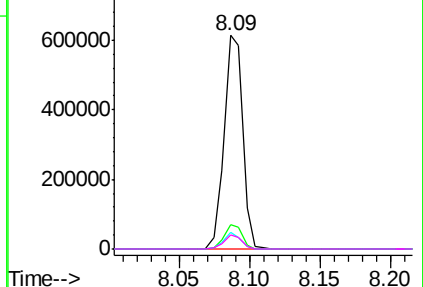


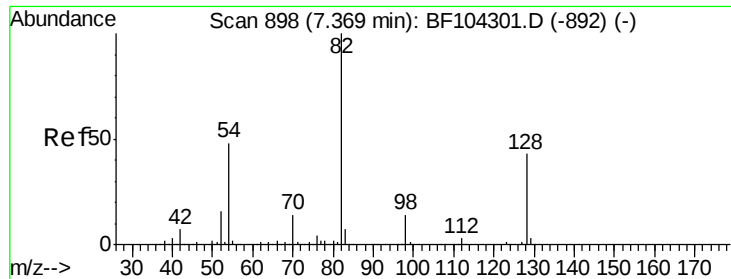
Abundance Ion 136.00 (135.70 to 136.70): E

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

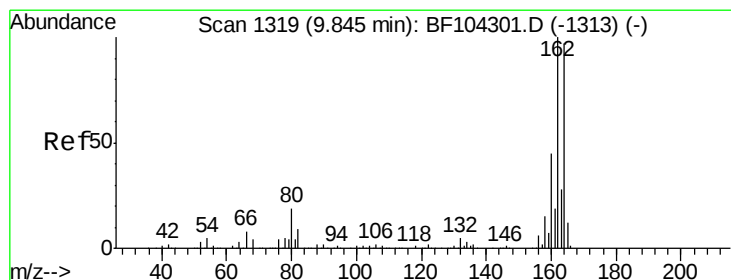
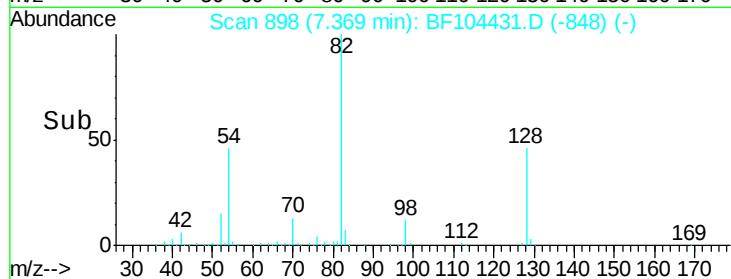
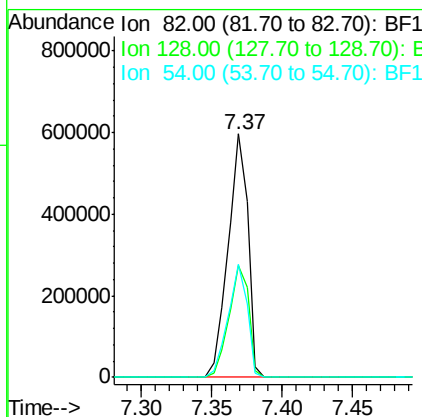
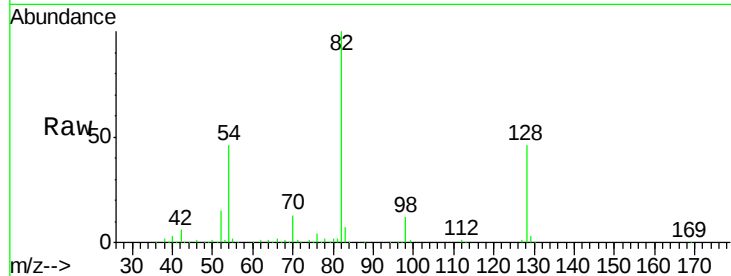




#23
 Nitrobenzene-d5
 Concen: 67.363 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104431.D
 Acq: 11 Apr 2018 12:10

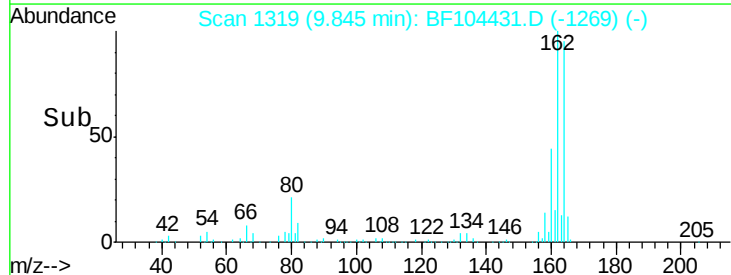
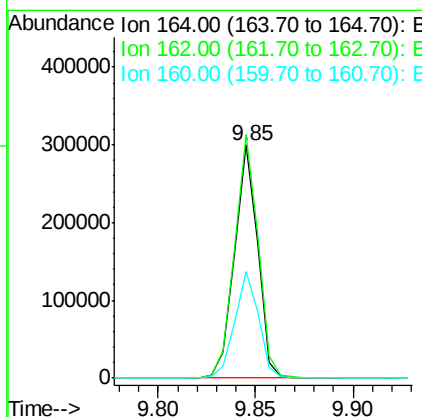
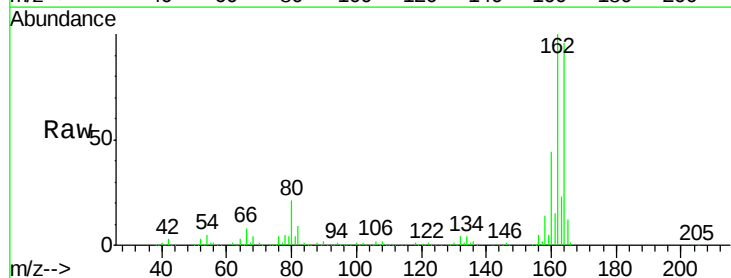
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01

Tot Ion	82	Resp	582483
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.1	54.1
54	46.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104431.D
 Acq: 11 Apr 2018 12:10

Tgt Ion	164	Resp	246190
Ion Ratio	Lower	Upper	
164	100		
162	104.5	86.1	129.1
160	45.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 90.393 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01

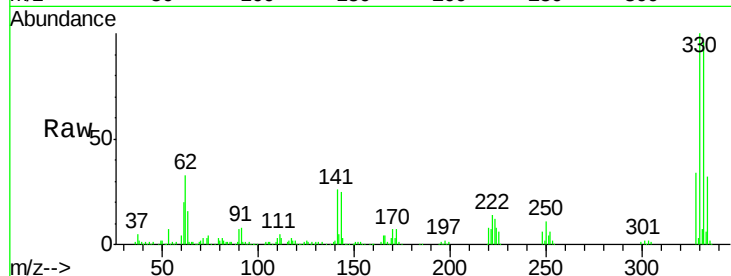
Tot Ion:330 Resp: 230845

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

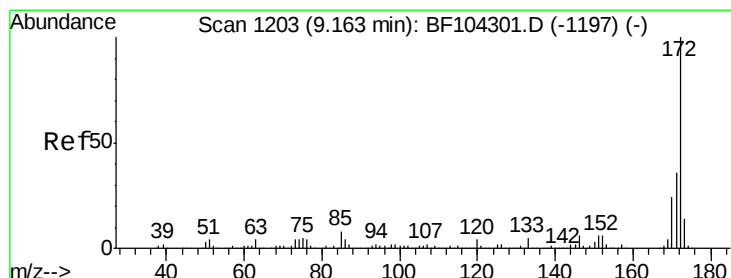
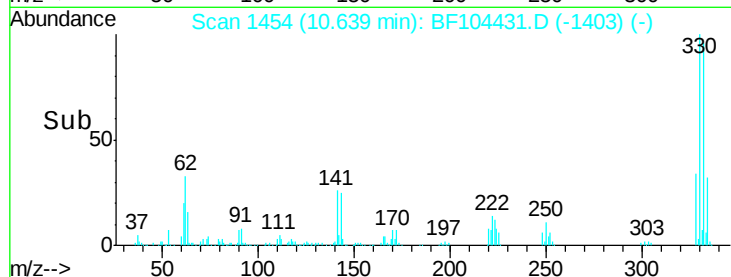
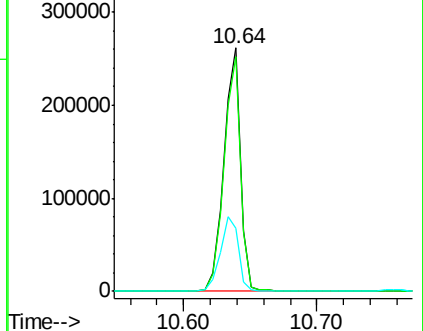
141 34.1 29.9 44.9



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: 67.641 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

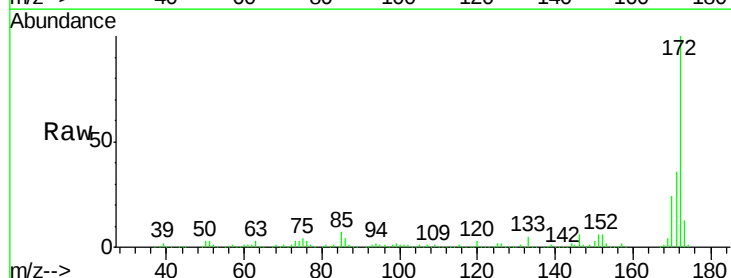
Tgt Ion:172 Resp: 1054131

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

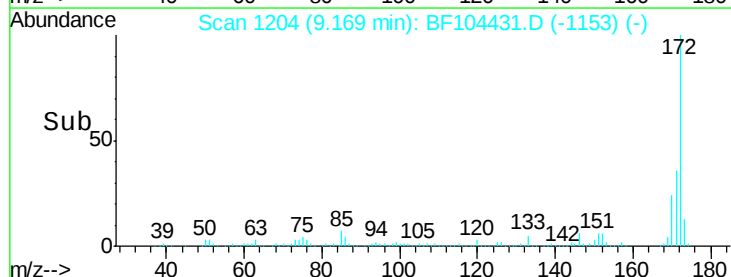
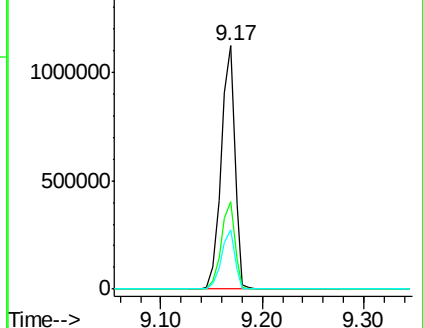
170 24.2 19.6 29.4

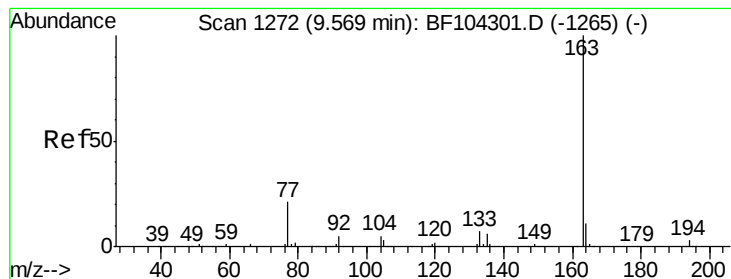


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.869 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01

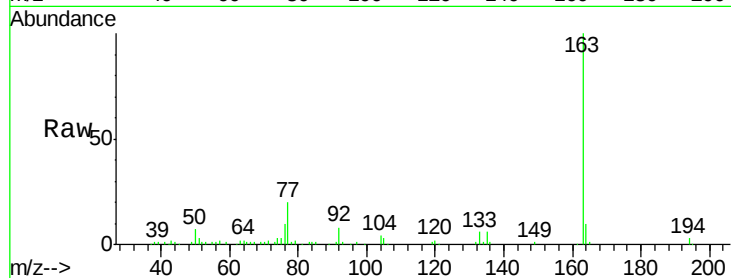
Tot Ion:163 Resp: 75120

Ion Ratio Lower Upper

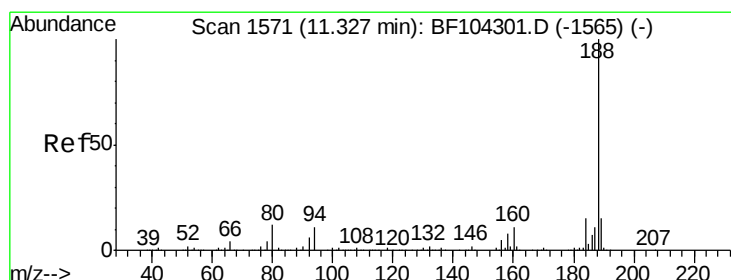
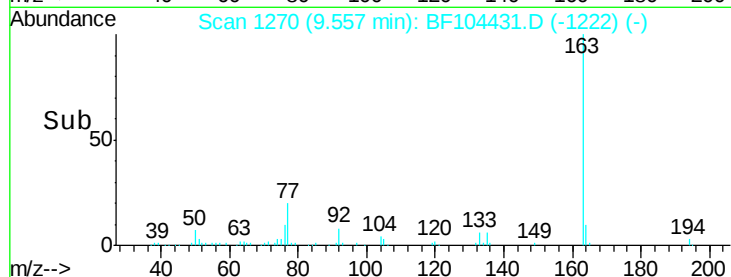
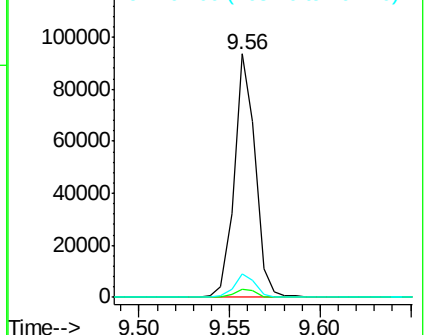
163 100

194 3.2 2.7 4.1

164 9.8 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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

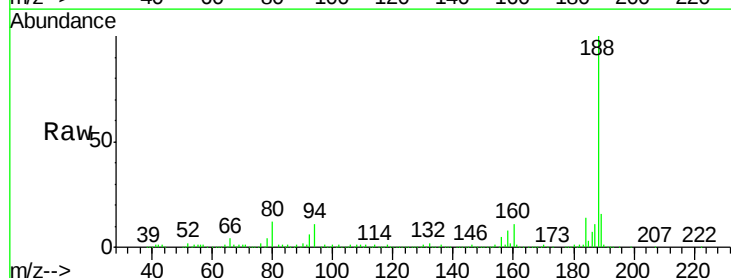
Tgt Ion:188 Resp: 380860

Ion Ratio Lower Upper

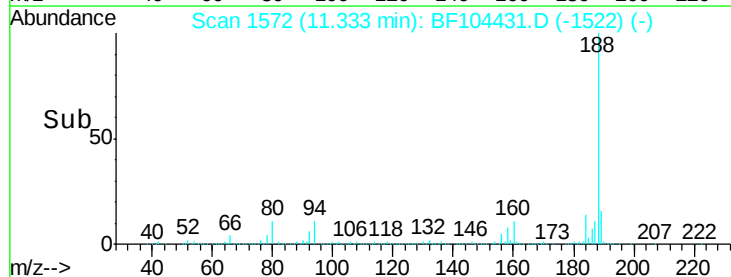
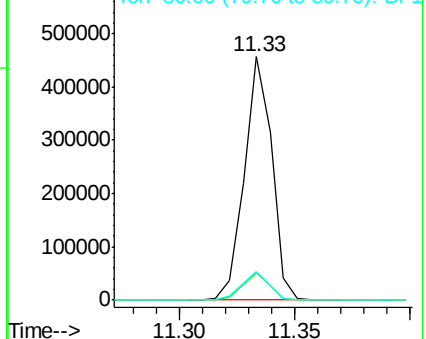
188 100

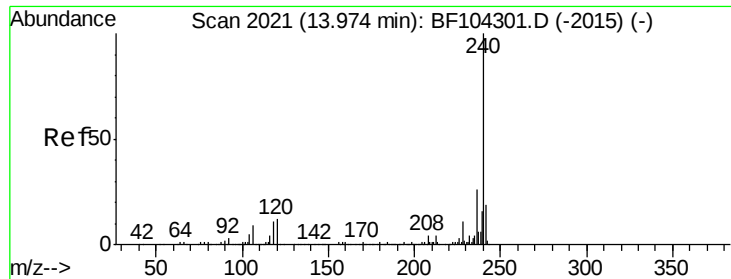
94 11.3 8.5 12.7

80 11.6 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. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01

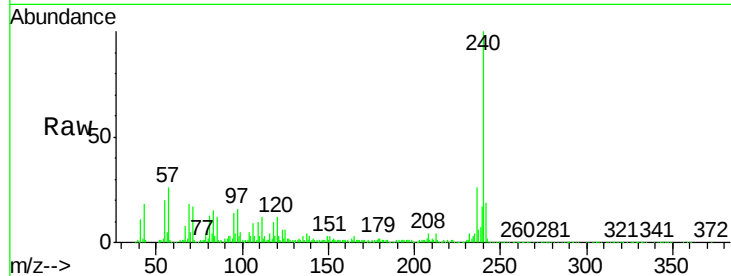
Tot Ion:240 Resp: 275848

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

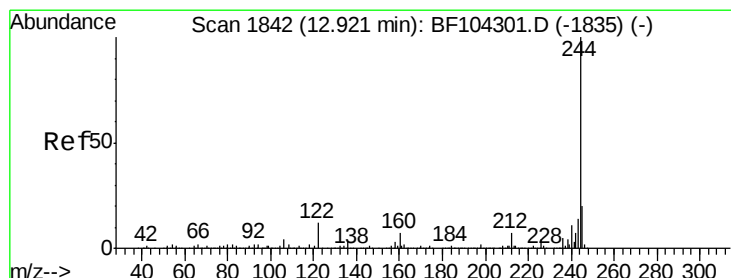
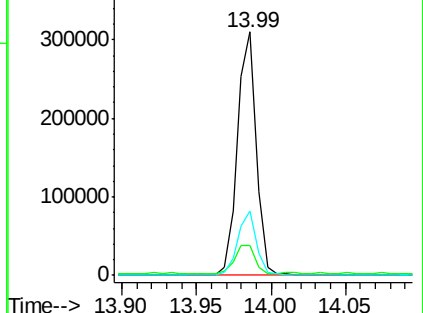
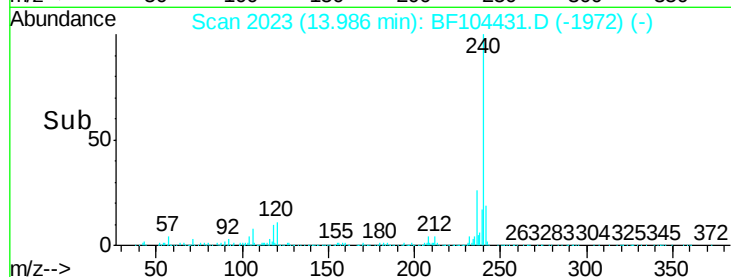
236 26.3 20.7 31.1



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: 66.379 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

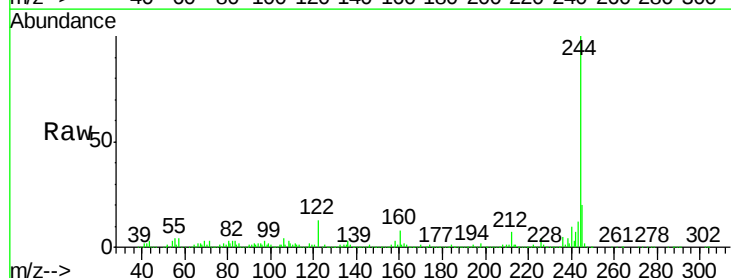
Tgt Ion:244 Resp: 803148

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

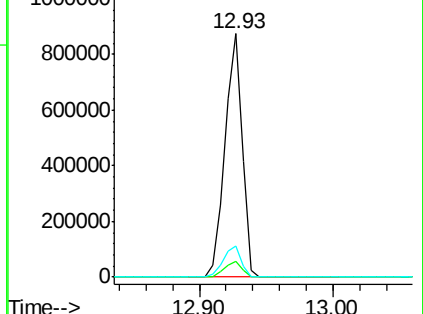
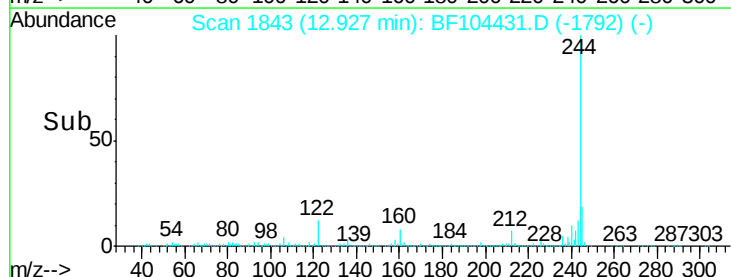
122 12.6 11.0 16.4

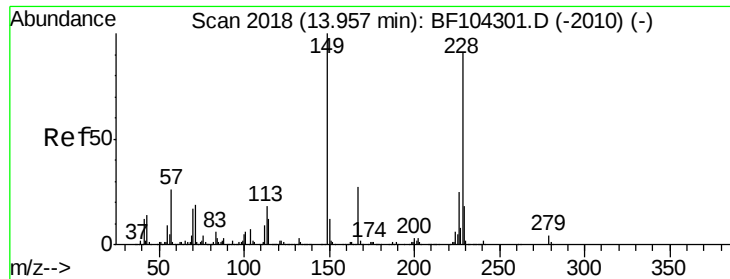


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.144 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

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P004-S003-0001-01

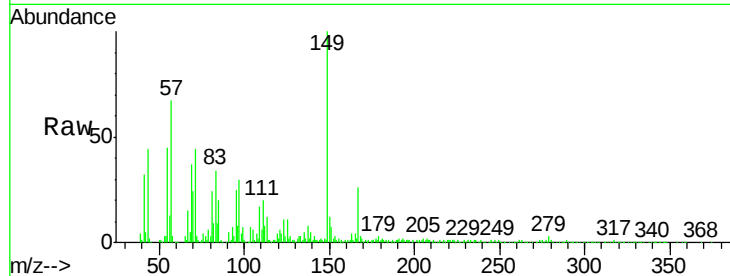
Tot Ion:149 Resp: 150465

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

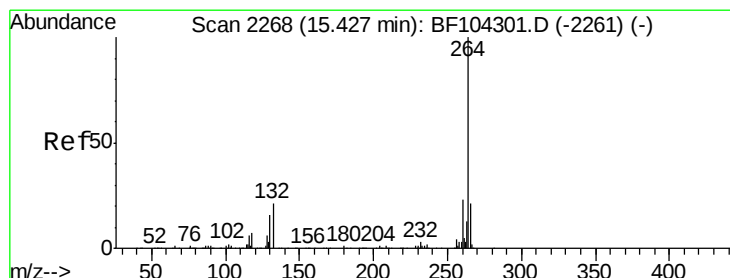
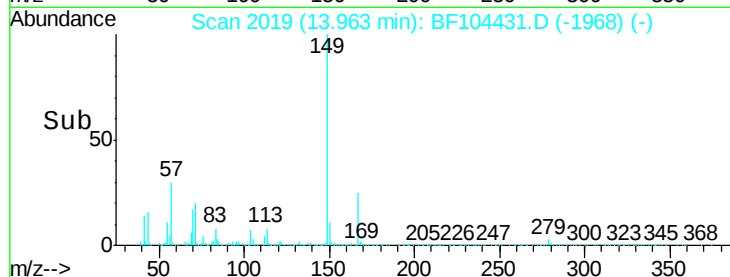
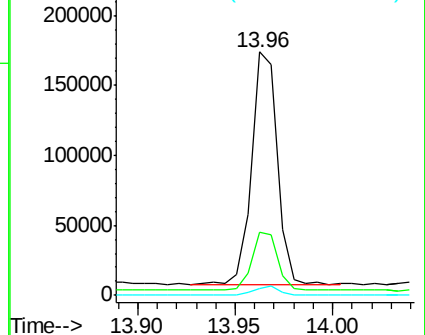
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.02 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

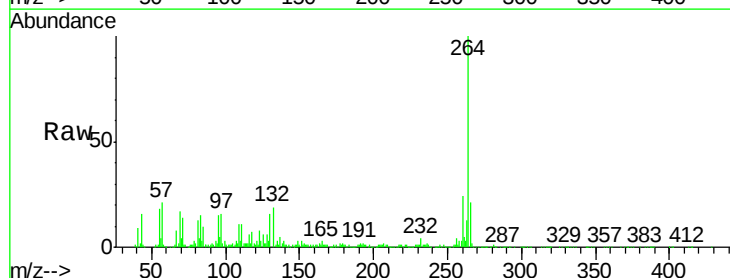
Tgt Ion:264 Resp: 287281

Ion Ratio Lower Upper

264 100

260 23.6 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

