

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104798.D
 Acq On : 25 Apr 2018 19:27
 Operator : JU/SJ
 Sample : J2155-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-042418-C

Quant Time: Apr 26 11:49:25 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

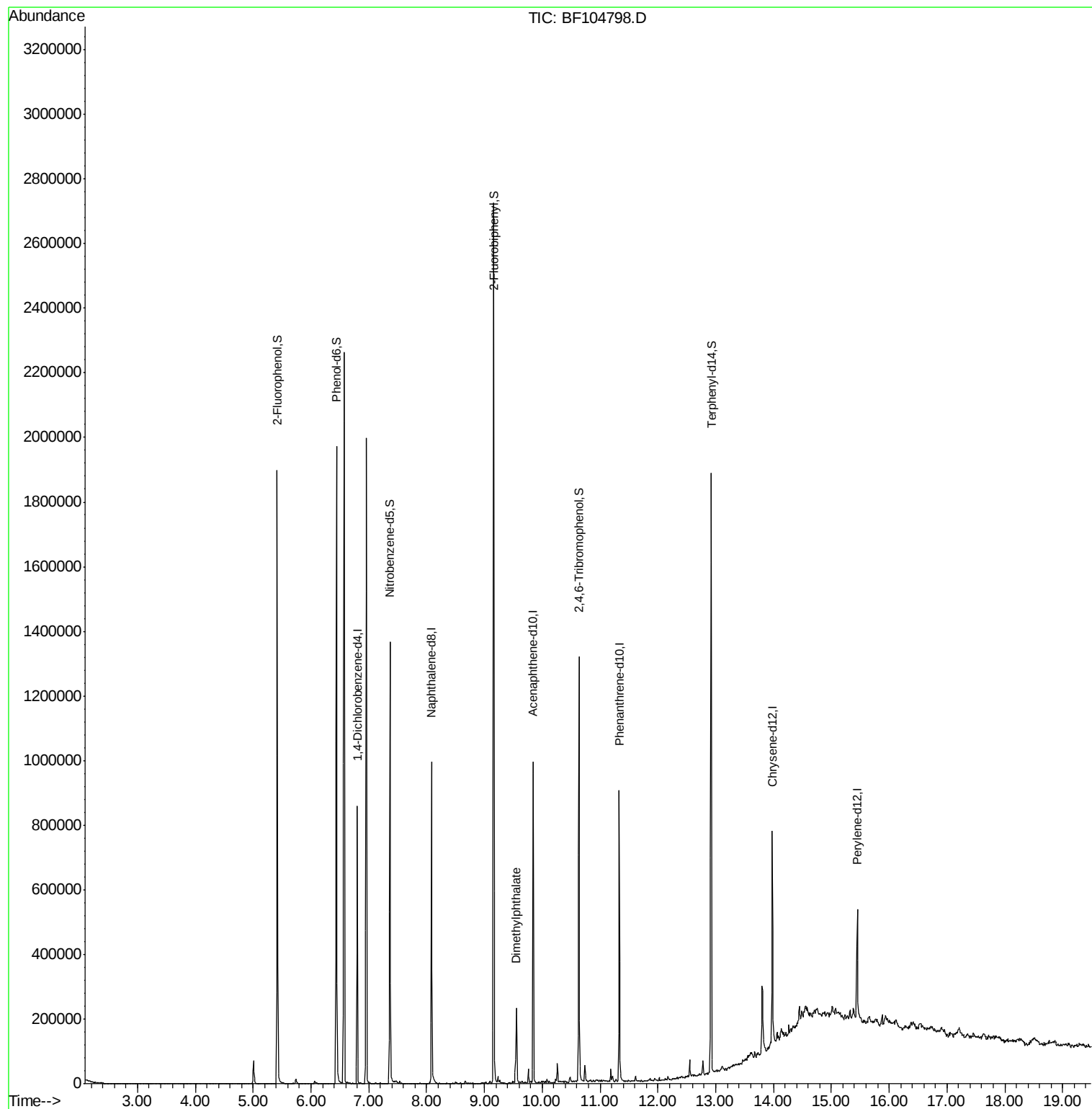
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	113206	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	462192	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	202876	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	307879	20.00	ng	0.00
75) Chrysene-d12	13.98	240	214506	20.00	ng	0.00
86) Perylene-d12	15.45	264	159509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	609375	82.31	ng	0.00
7) Phenol-d6	6.45	99	748078	82.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	459306	64.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	158631	75.38	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	869791	67.73	ng	0.00
78) Terphenyl-d14	12.92	244	607408	64.56	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	100433	6.278	ng	98

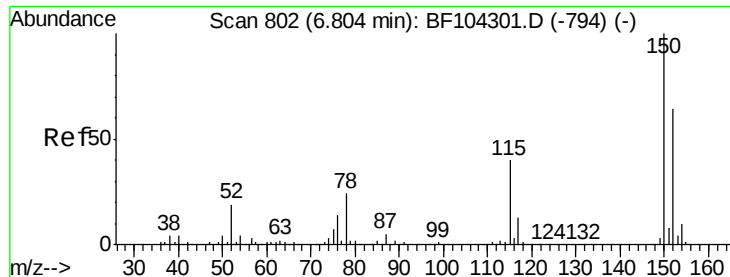
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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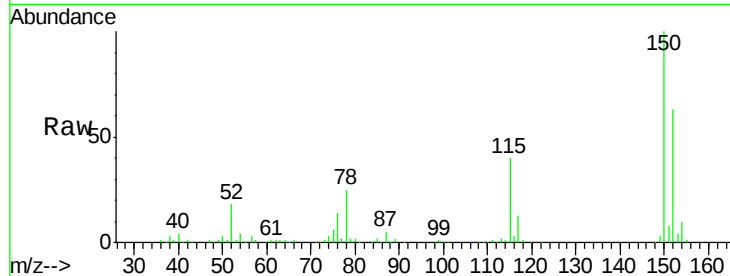


#1

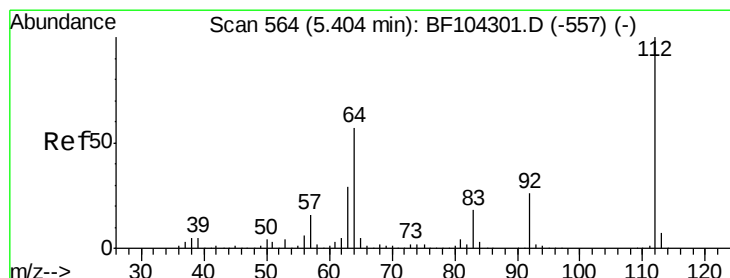
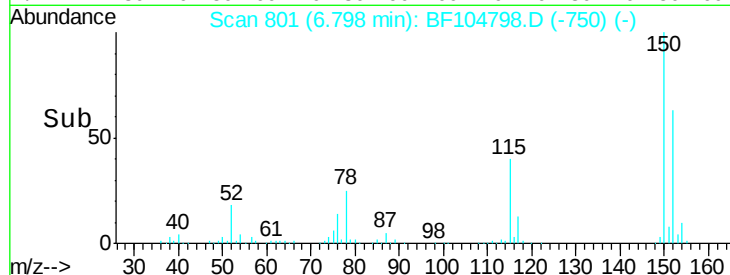
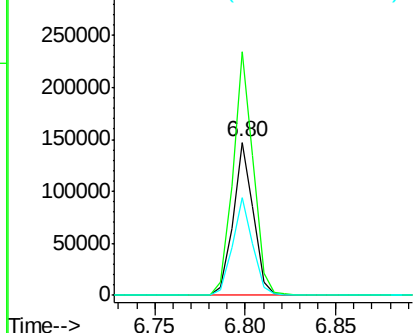
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :
NB-08-042418-C

Tot Ion:152 Resp: 113206
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 63.9 50.1 75.1



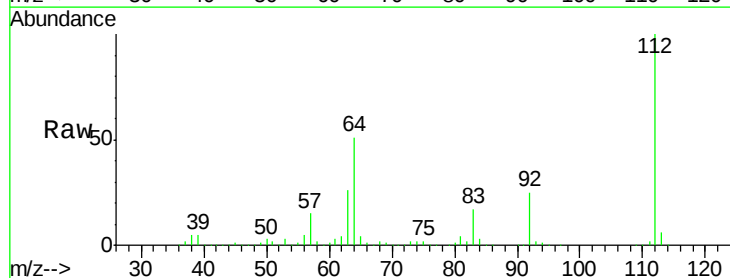
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



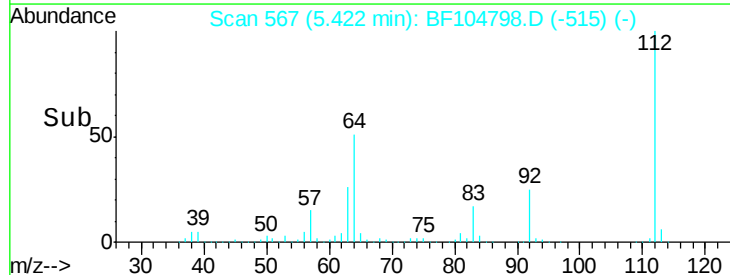
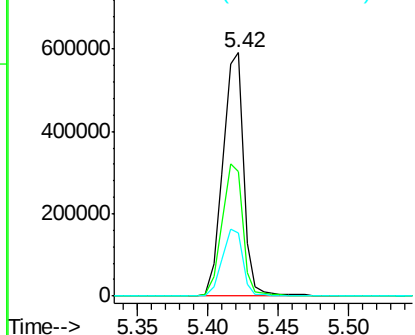
#5

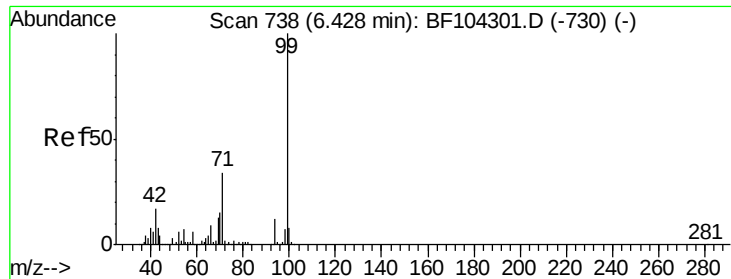
2-Fluorophenol
Concen: 82.307 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Tgt Ion:112 Resp: 609375
Ion Ratio Lower Upper
112 100
64 51.0 47.9 71.9
63 26.0 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: 82.236 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104798.D

Acq: 25 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

NB-08-042418-C

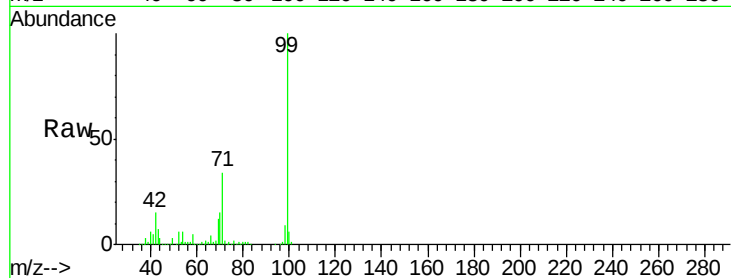
Tot Ion: 99 Resp: 748078

Ion Ratio Lower Upper

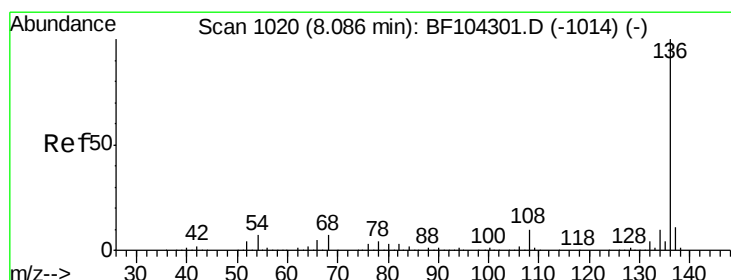
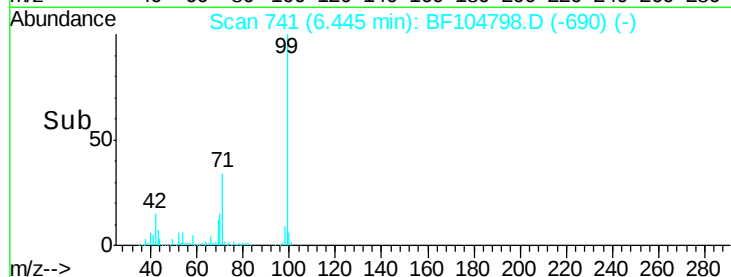
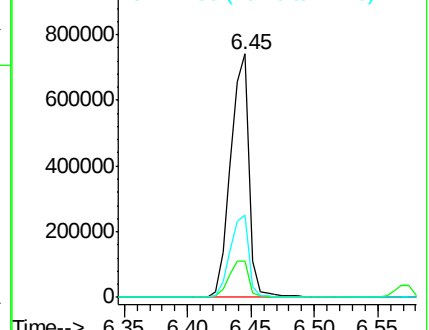
99 100

42 15.0 14.5 21.7

71 33.9 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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104798.D

Acq: 25 Apr 2018 19:27

Tgt Ion: 136 Resp: 462192

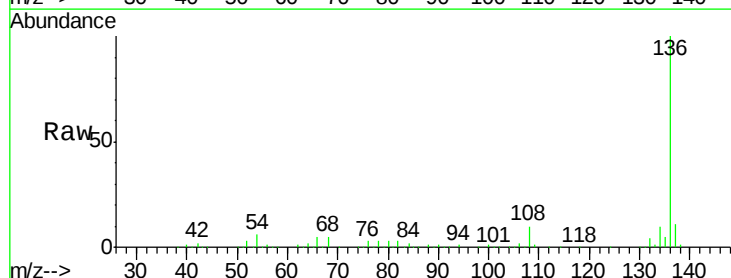
Ion Ratio Lower Upper

136 100

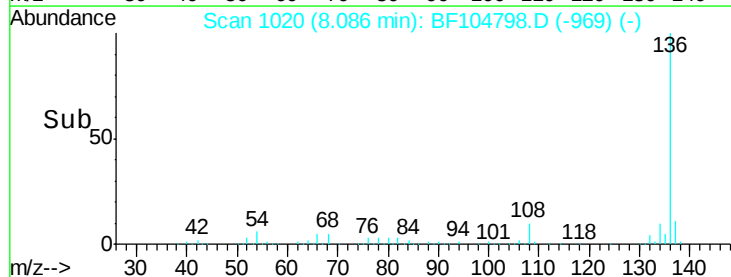
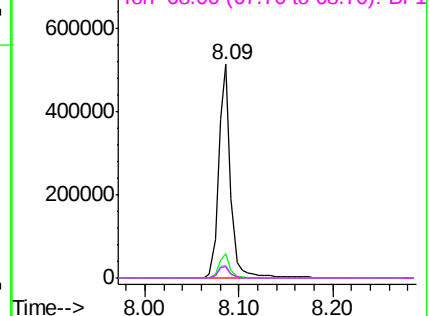
137 11.5 8.9 13.3

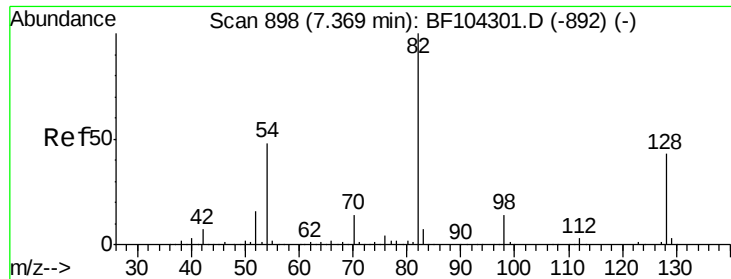
54 6.2 6.6 9.8#

68 5.4 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

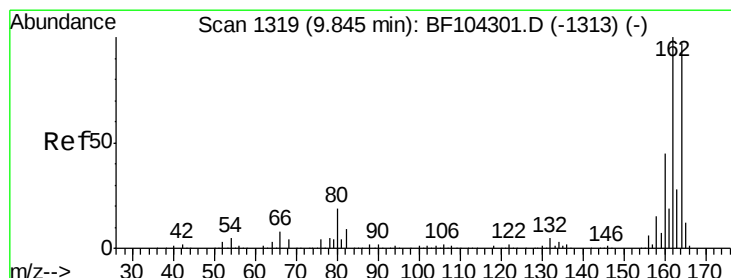
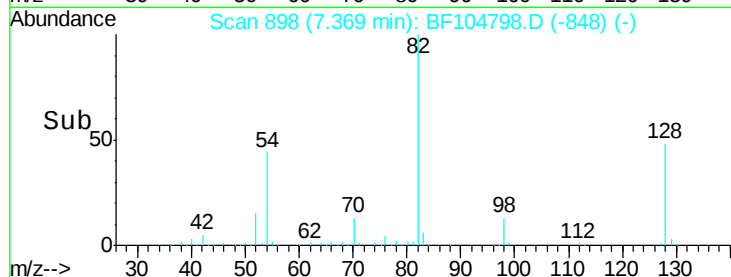
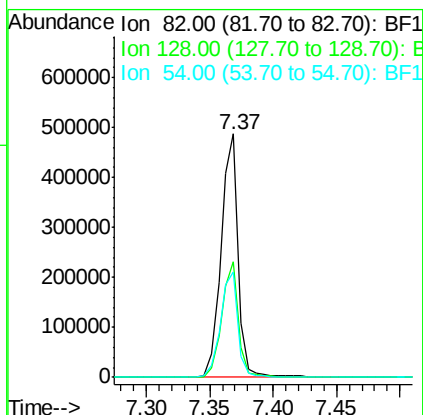
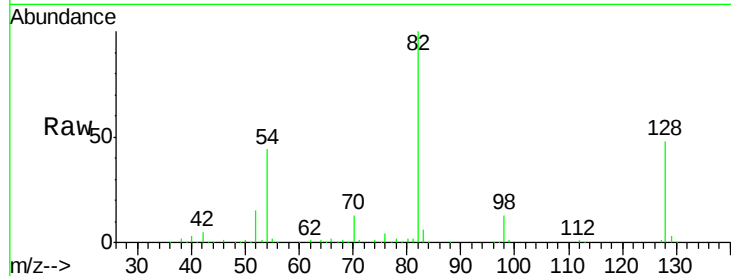




#23
 Nitrobenzene-d5
 Concen: 64.890 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104798.D
 Acq: 25 Apr 2018 19:27

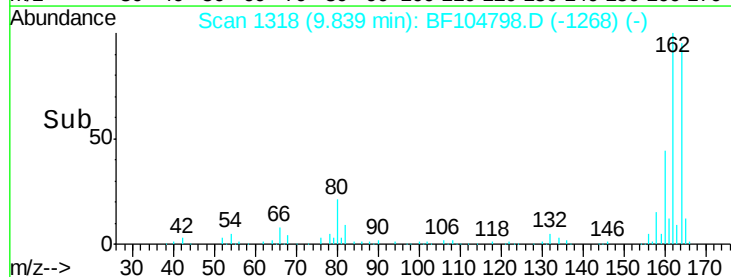
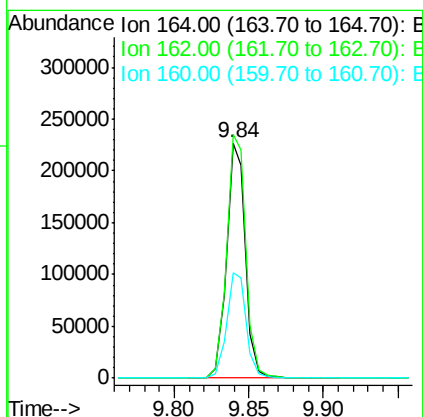
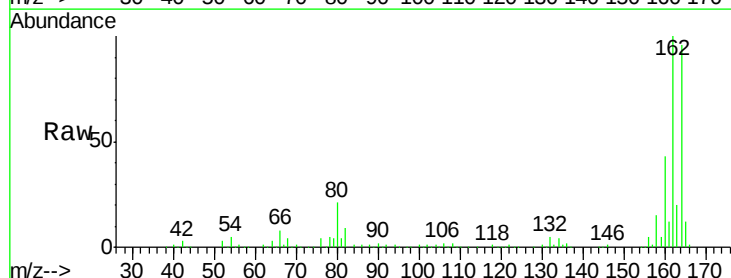
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-042418-C

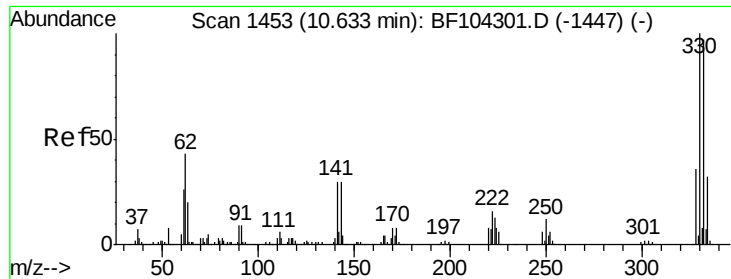
Tot Ion	82	Resp	459306
Ion Ratio	100	Lower	Upper
128	47.5	36.1	54.1
54	43.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104798.D
 Acq: 25 Apr 2018 19:27

Tgt Ion	164	Resp	202876
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.8	86.1	129.1
160	45.1	38.3	57.5

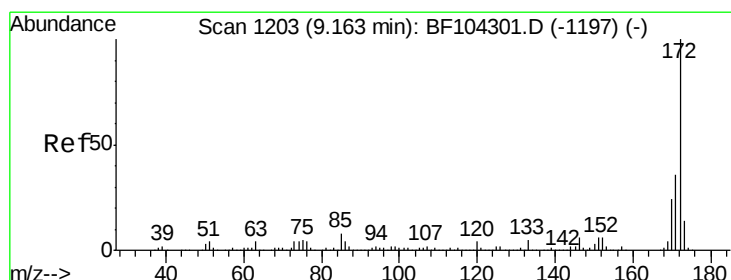
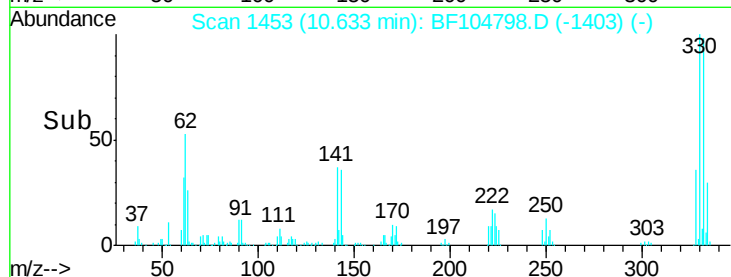
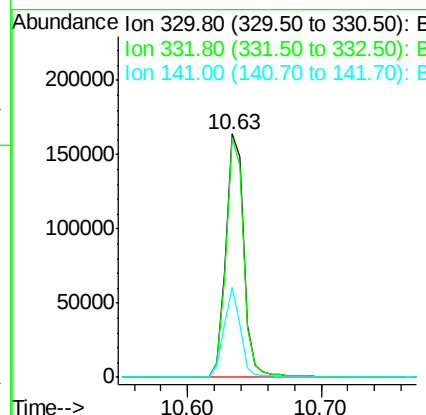
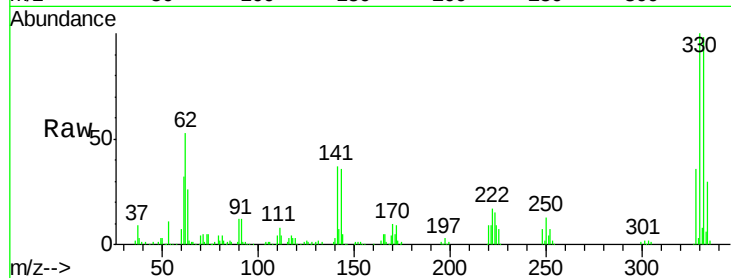




#41
 2,4,6-Tribromophenol
 Concen: 75.377 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104798.D
 Acq: 25 Apr 2018 19:27

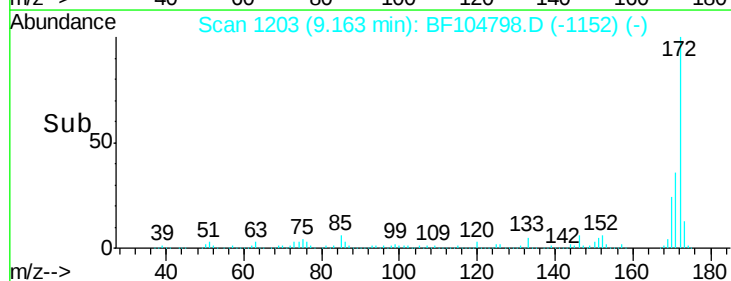
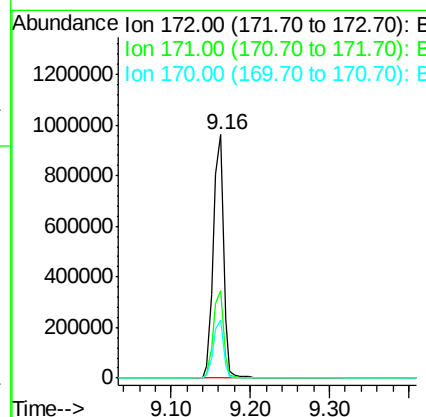
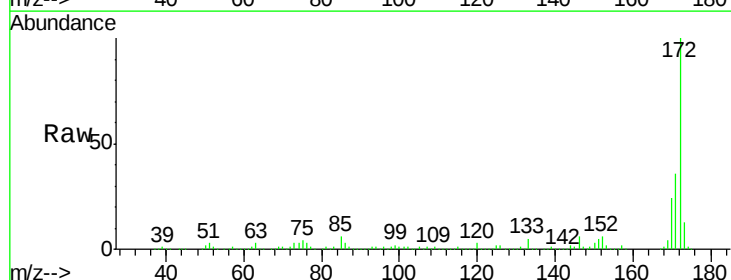
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-042418-C

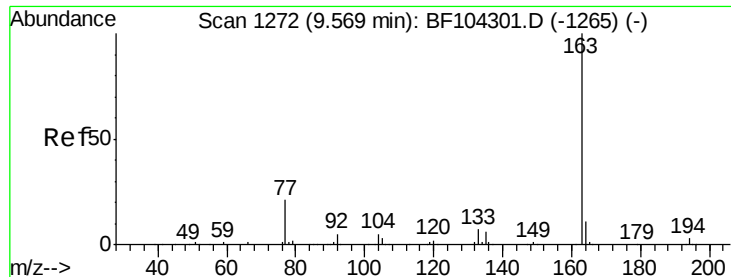
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 67.729 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104798.D
 Acq: 25 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 6.278 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104798.D

Acq: 25 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

NB-08-042418-C

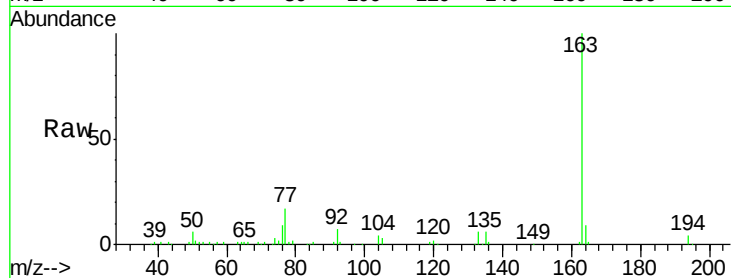
Tot Ion:163 Resp: 100433

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

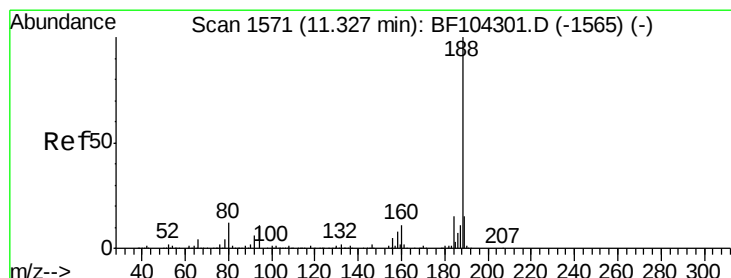
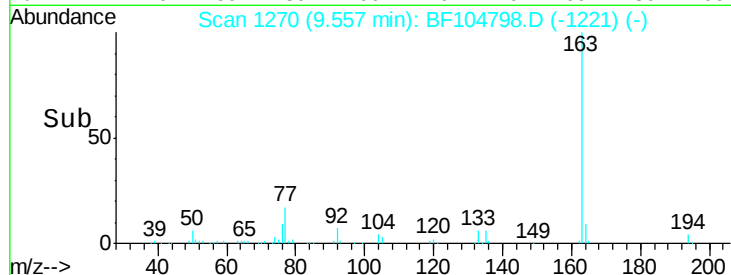
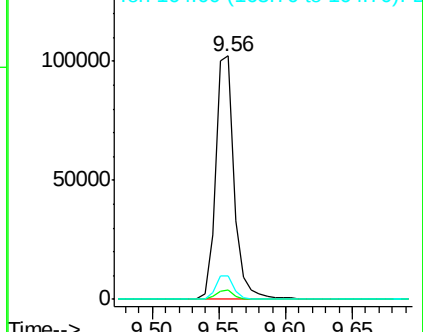
164 9.5 8.2 12.2



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: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104798.D

Acq: 25 Apr 2018 19:27

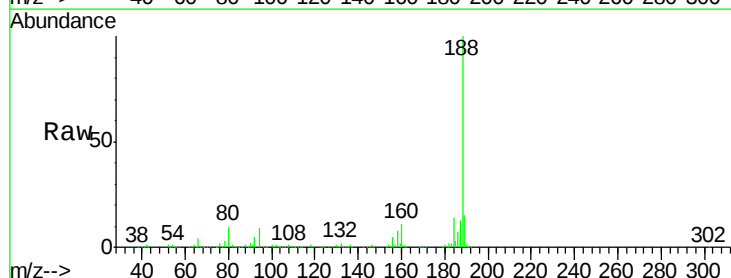
Tgt Ion:188 Resp: 307879

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

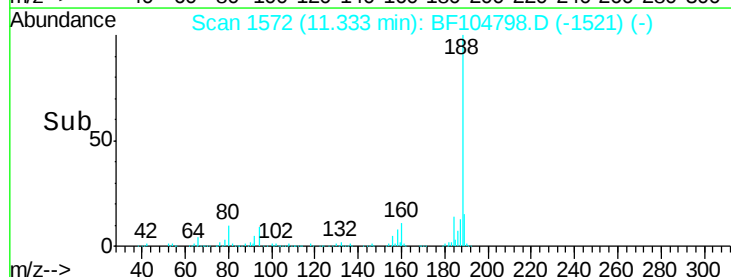
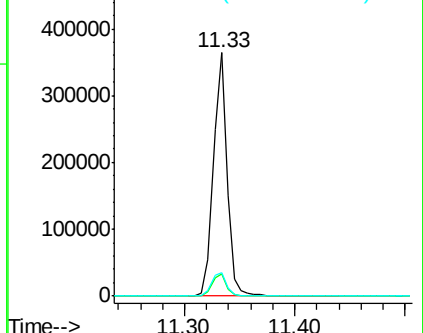
80 9.6 9.2 13.8

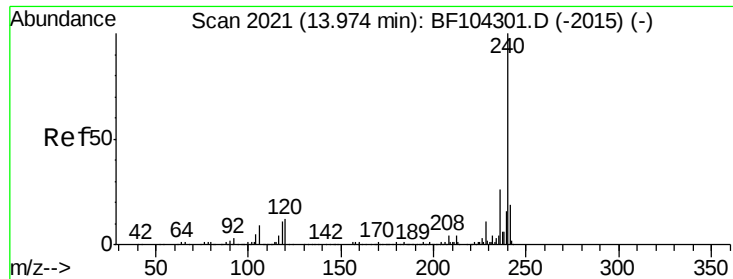


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104798.D

Acq: 25 Apr 2018 19:27

Instrument :

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ClientSampleId :

NB-08-042418-C

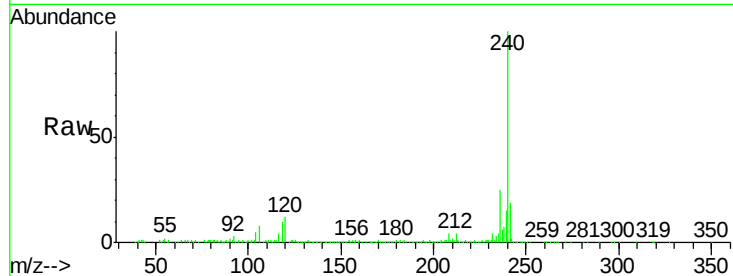
Tot Ion:240 Resp: 214506

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

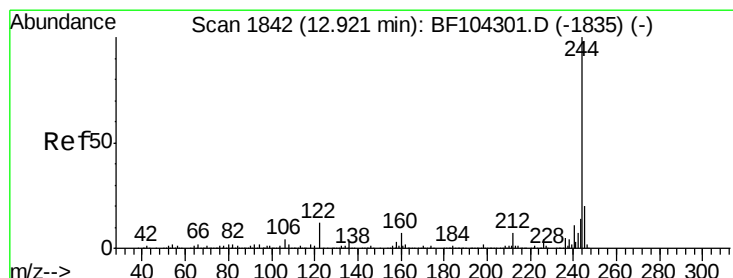
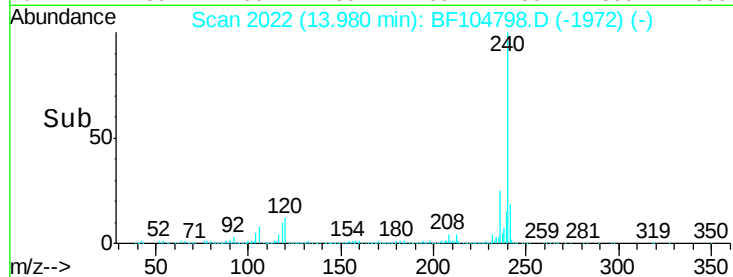
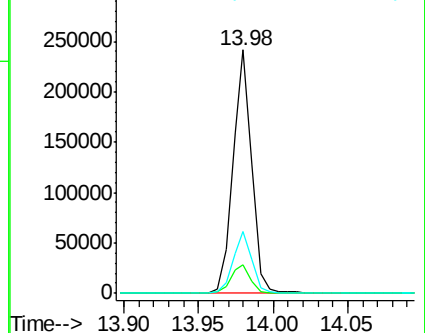
236 25.5 20.7 31.1



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: 64.557 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104798.D

Acq: 25 Apr 2018 19:27

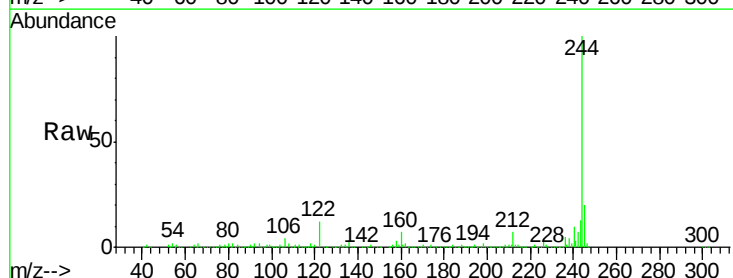
Tgt Ion:244 Resp: 607408

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

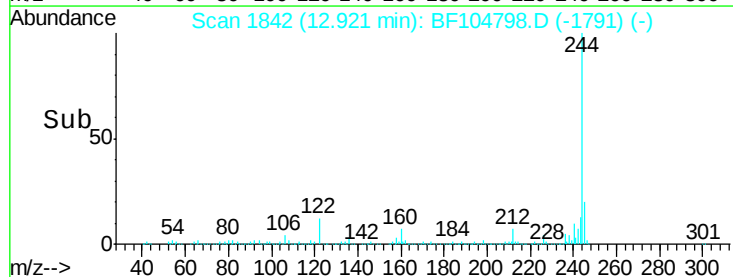
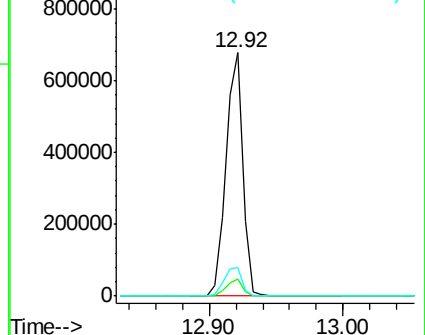
122 11.6 11.0 16.4

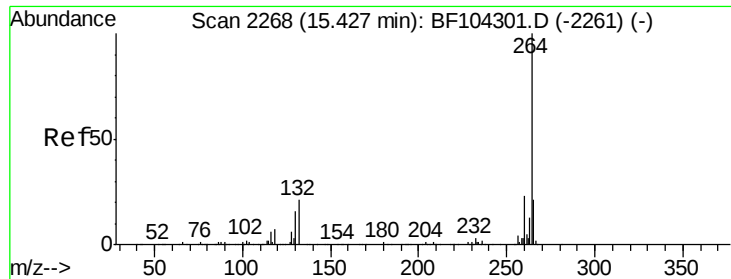


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

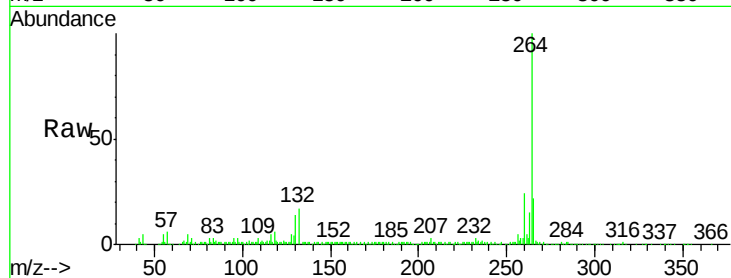




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104798.D
Acq: 25 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :
NB-08-042418-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	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

