

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104737.D
 Acq On : 24 Apr 2018 5:39
 Operator : JU/SJ
 Sample : J2503-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-1-PPE

Quant Time: Apr 24 08:41:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	119154	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	490818	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	208443	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	343978	20.00	ng	0.00
75) Chrysene-d12	13.98	240	222850	20.00	ng	0.00
86) Perylene-d12	15.45	264	168962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	912169	117.06	ng	0.03
7) Phenol-d6	6.46	99	1004820	104.95	ng	0.02
23) Nitrobenzene-d5	7.37	82	726270	96.62	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	260373	120.42	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1329757	100.78	ng	0.00
78) Terphenyl-d14	12.93	244	1058866	108.33	ng	0.00

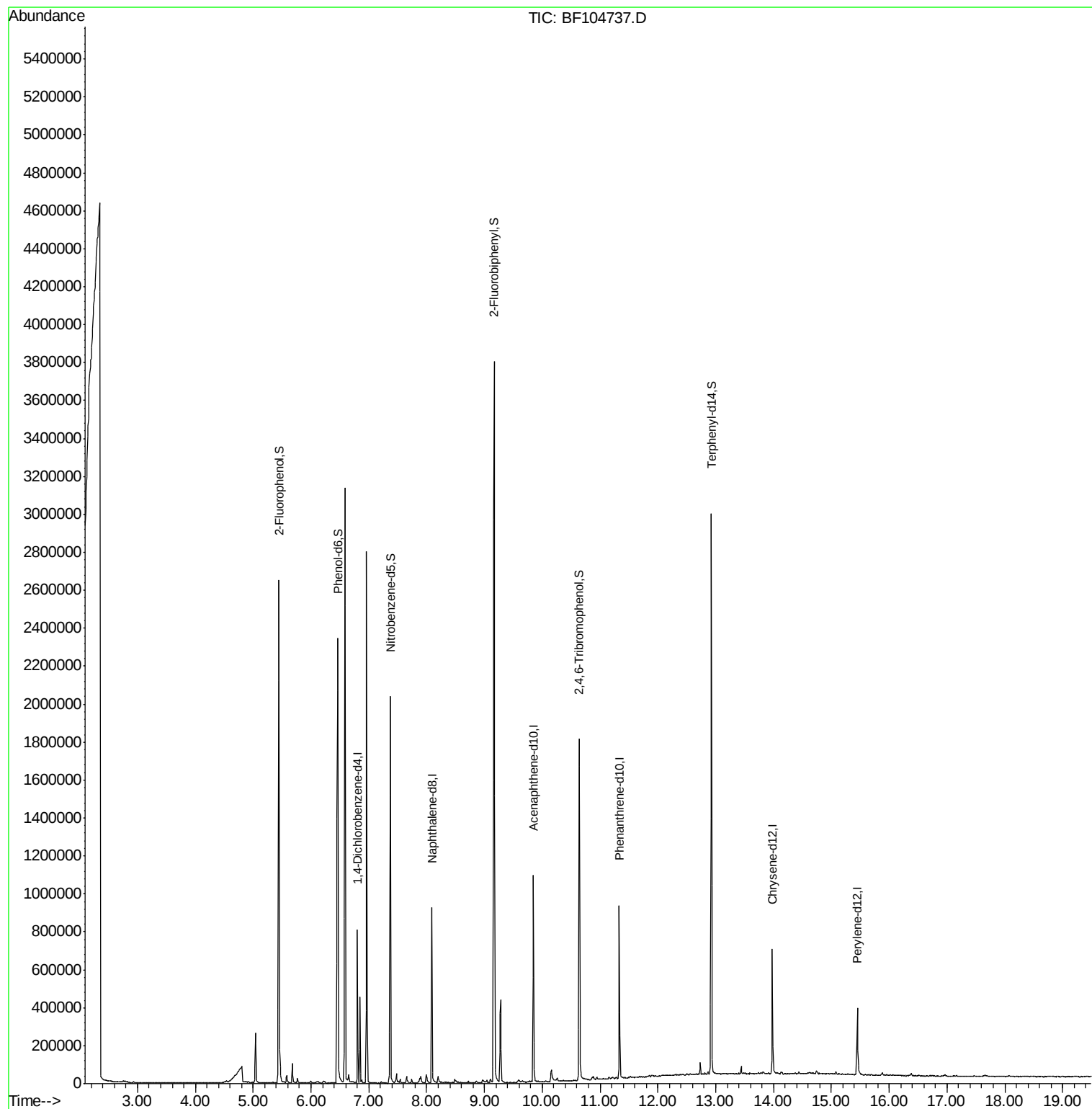
Target Compounds Qvalue

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

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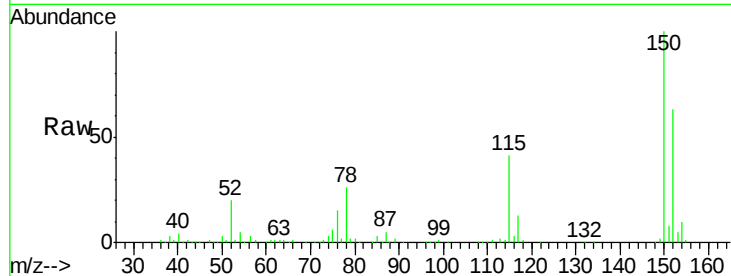


#1

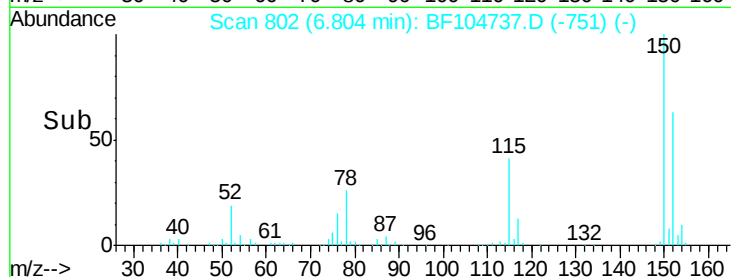
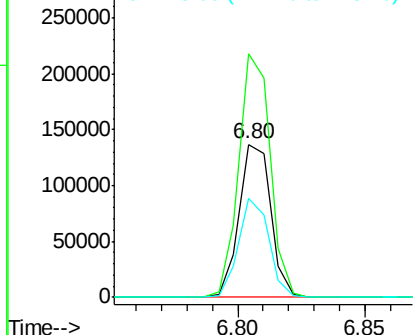
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104737.D
Acq: 24 Apr 2018 5:39

Instrument :
BNA_F
ClientSampleId :
DRUM-2-1-PPE

Tot Ion:152 Resp: 119154
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 64.5 50.1 75.1



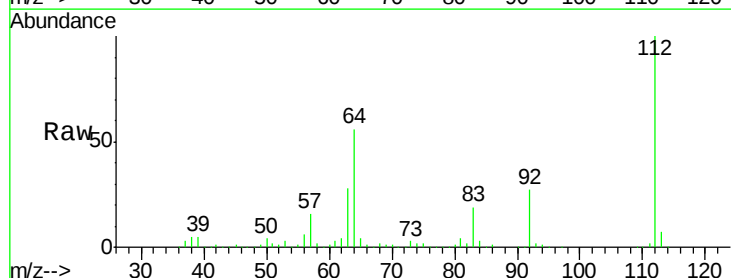
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



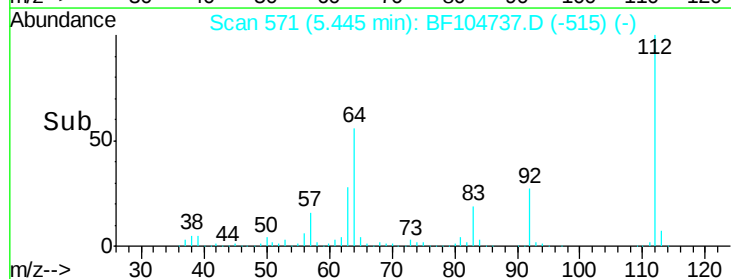
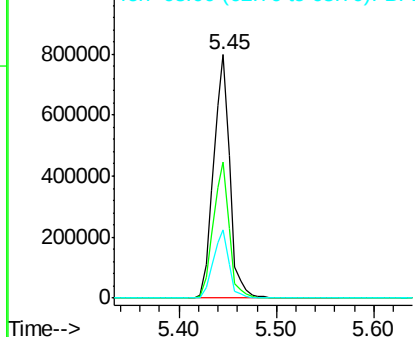
#5

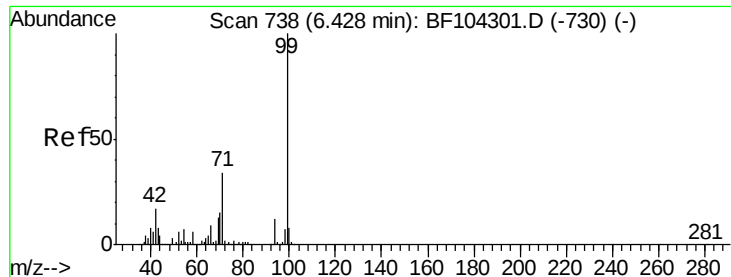
2-Fluorophenol
Concen: 117.055 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF104737.D
Acq: 24 Apr 2018 5:39

Tgt Ion:112 Resp: 912169
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.0 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: 104.946 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF104737.D

Acq: 24 Apr 2018 5:39

Instrument :

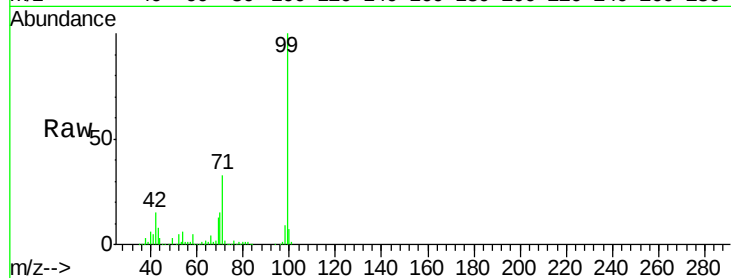
BNA_F

ClientSampleId :

DRUM-2-1-PPE

Tot Ion: 99 Resp: 1004820

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	33.2	25.4	38.0

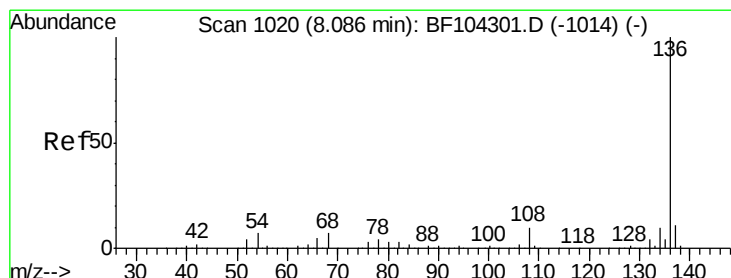
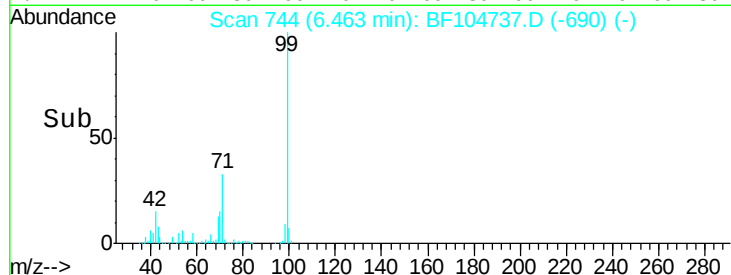
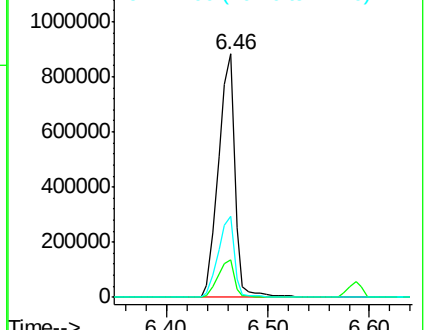


Abundance

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# 1021

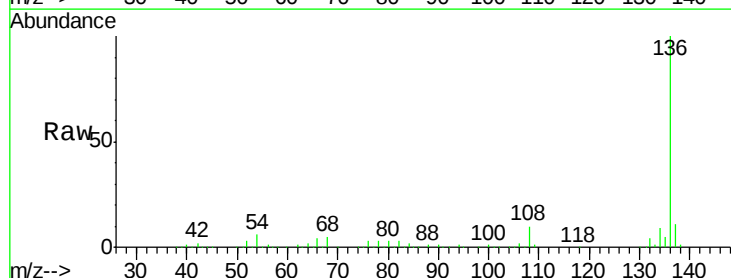
Delta R.T. -0.00 min

Lab File: BF104737.D

Acq: 24 Apr 2018 5:39

Tgt Ion: 136 Resp: 490818

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8
68	5.4	5.0	7.4



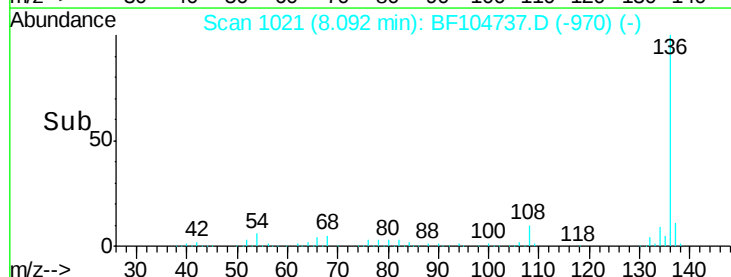
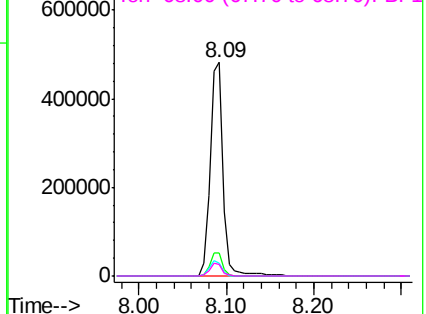
Abundance

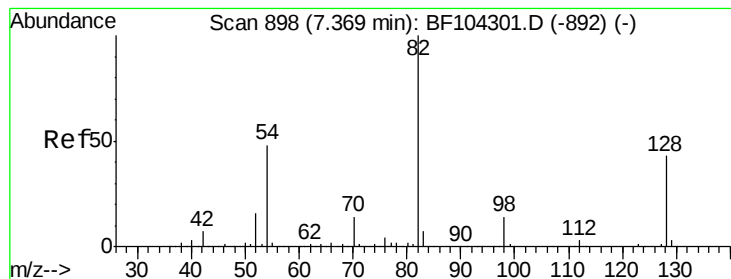
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 96.622 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104737.D

Acq: 24 Apr 2018 5:39

Instrument :

BNA_F

ClientSampleId :

DRUM-2-1-PPE

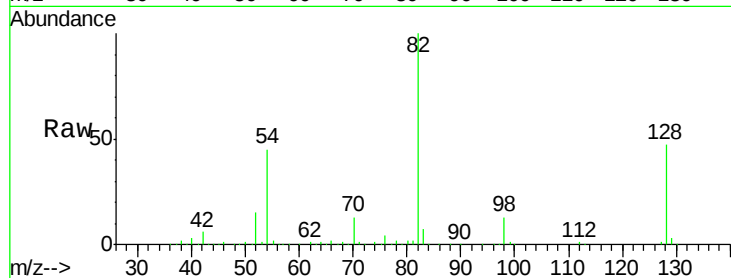
Tot Ion: 82 Resp: 726270

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

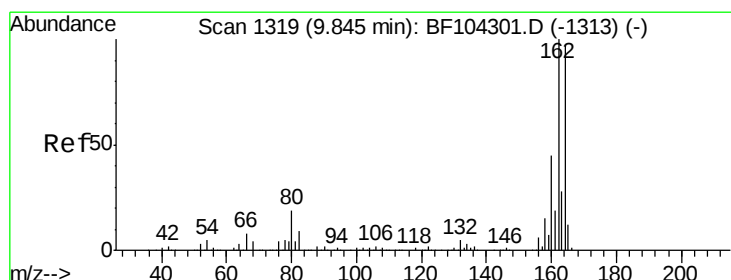
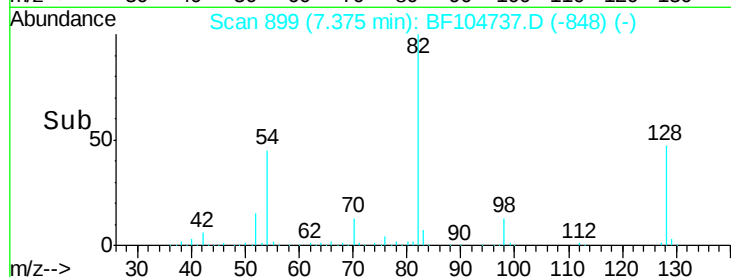
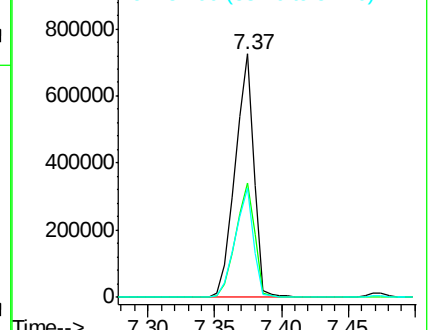
54 44.8 41.4 62.2



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. -0.00 min

Lab File: BF104737.D

Acq: 24 Apr 2018 5:39

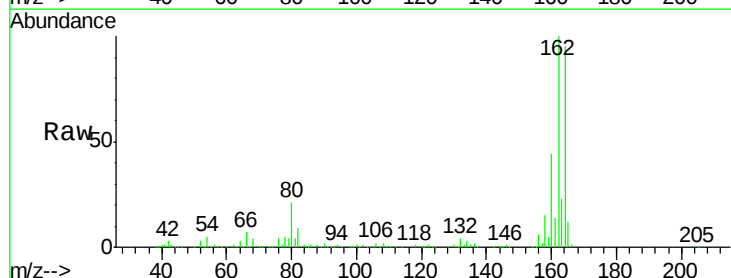
Tgt Ion:164 Resp: 208443

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

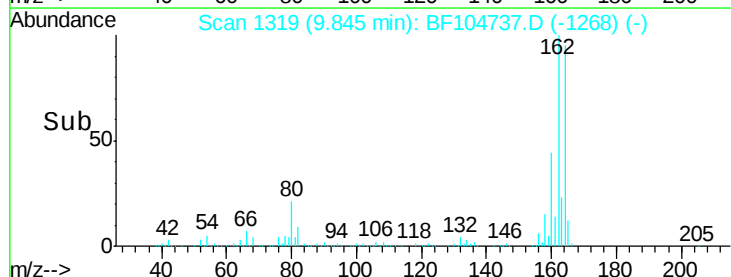
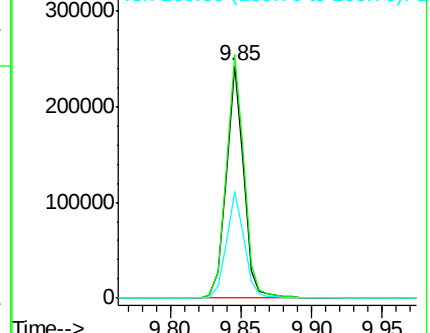
160 46.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

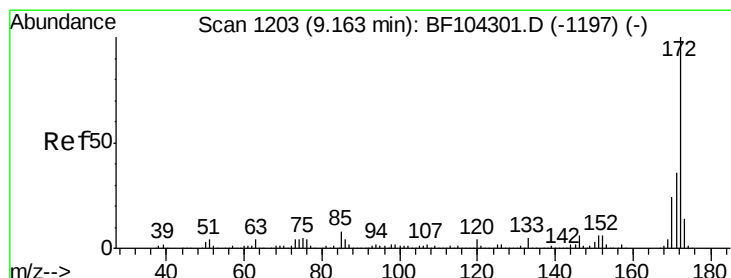
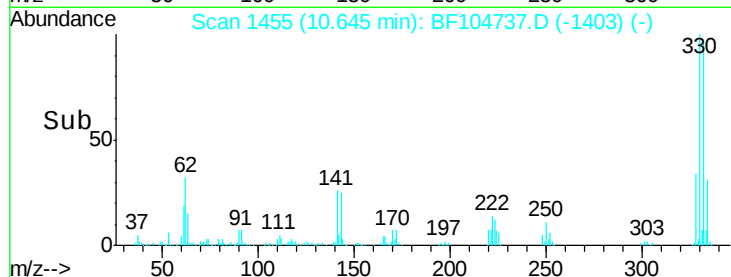
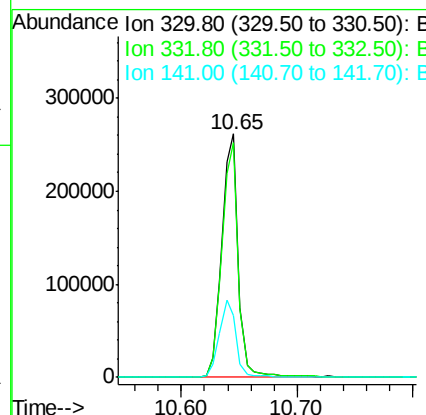
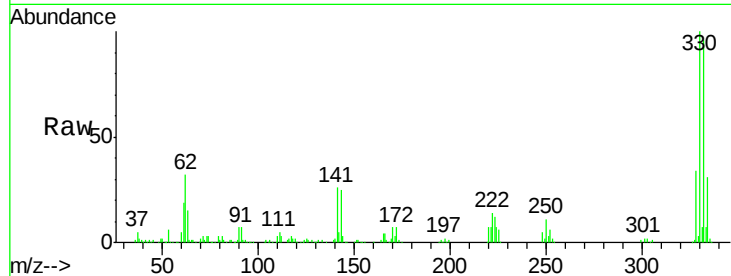




#41
 2,4,6-Tribromophenol
 Concen: 120.418 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104737.D
 Acq: 24 Apr 2018 5:39

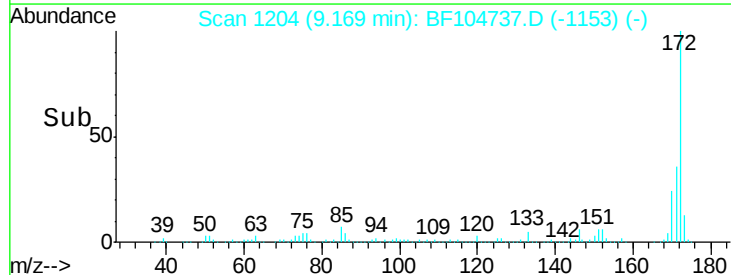
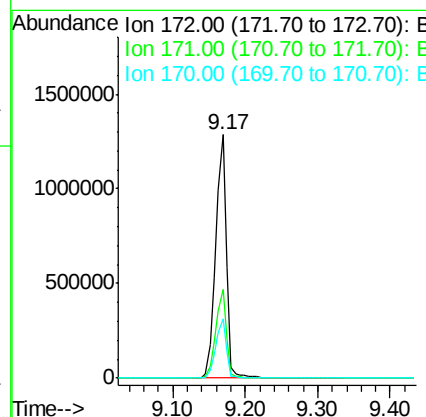
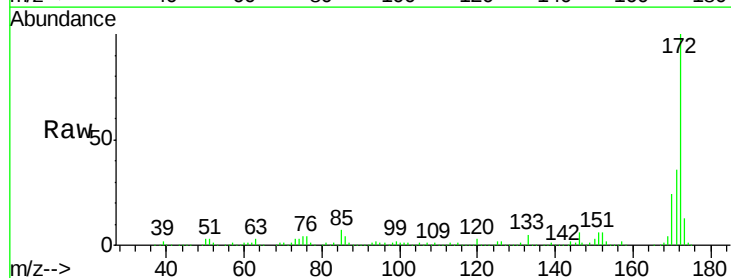
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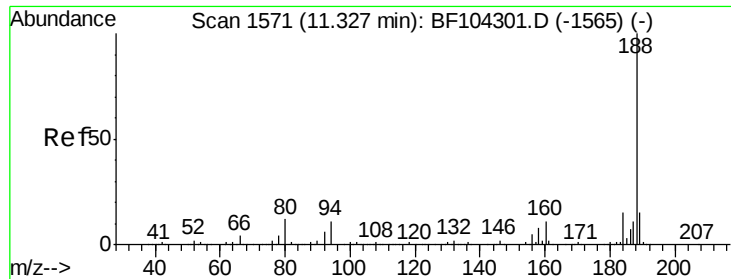
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 100.780 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104737.D
 Acq: 24 Apr 2018 5:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

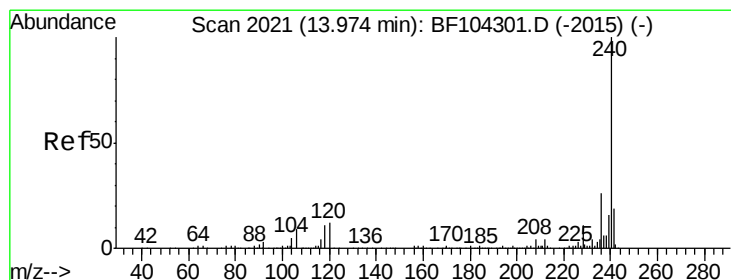
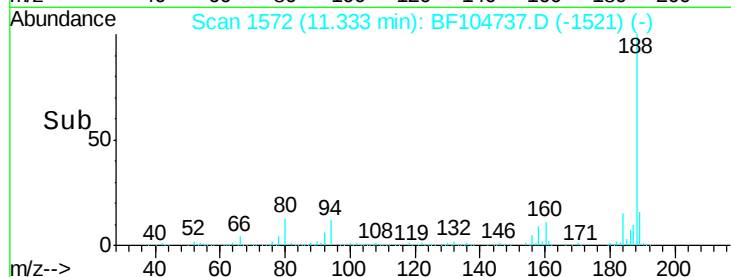
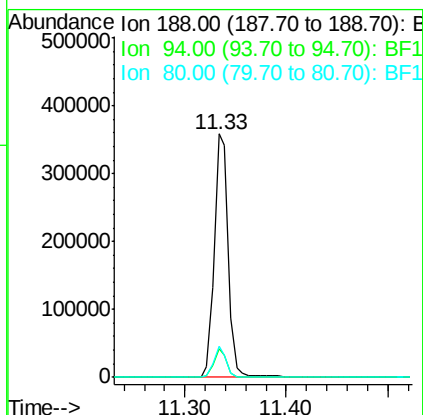
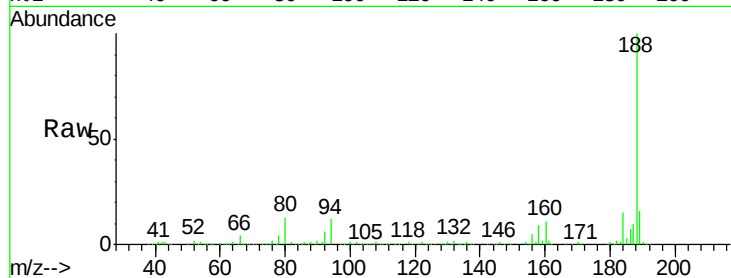




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104737.D
Acq: 24 Apr 2018 5:39

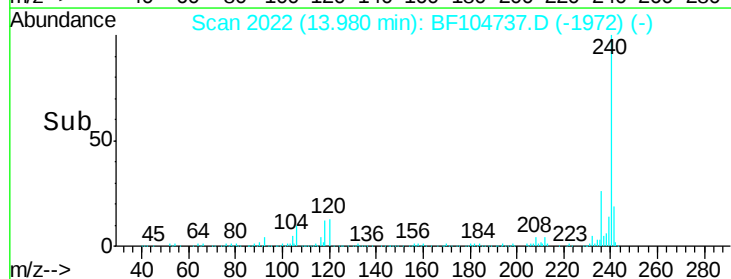
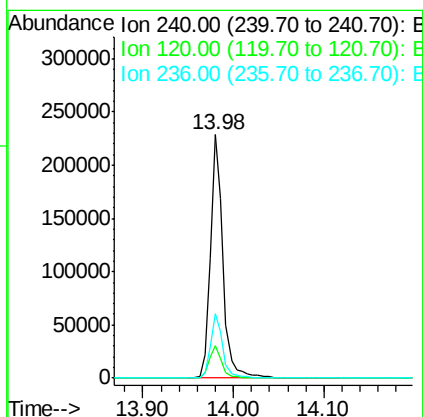
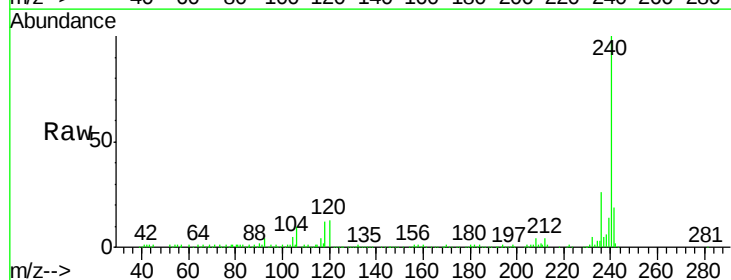
Instrument :
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DRUM-2-1-PPE

Tot Ion:188 Resp: 343978
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104737.D
Acq: 24 Apr 2018 5:39

Tgt Ion:240 Resp: 222850
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.3 20.7 31.1

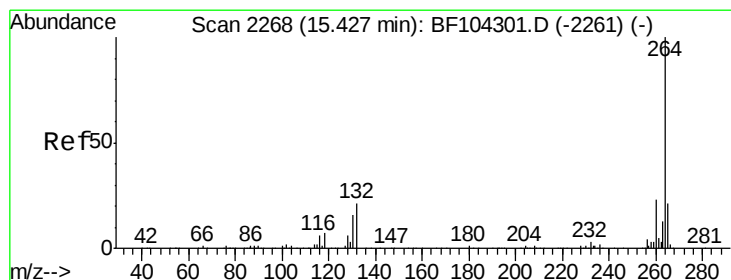
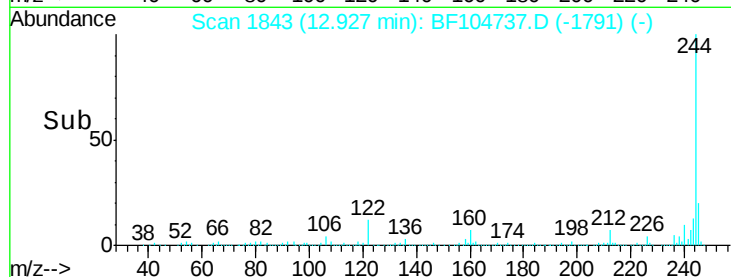
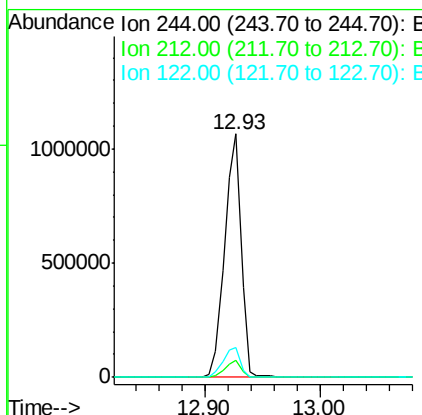
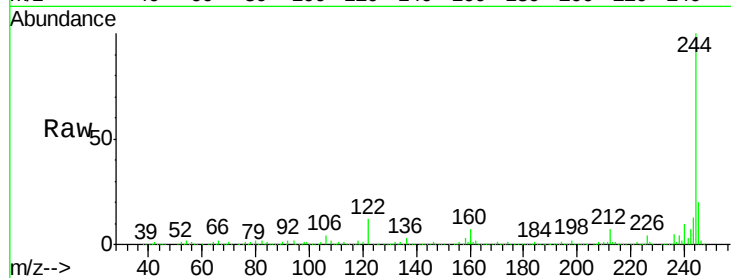




#78
 Terphenyl-d14
 Concen: 108.325 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104737.D
 Acq: 24 Apr 2018 5:39

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-1-PPE

Tot Ion:244 Resp: 1058866
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF104737.D
 Acq: 24 Apr 2018 5:39

Tgt Ion:264 Resp: 168962
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.4 17.5 26.3

