

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104531.D
 Acq On : 16 Apr 2018 13:52
 Operator : JU/SJ
 Sample : PB108229BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BL

Quant Time: Apr 16 14:59:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154808	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	635138	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	279048	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	422660	20.00	ng	0.00
75) Chrysene-d12	13.99	240	311691	20.00	ng	0.00
86) Perylene-d12	15.46	264	259716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1033871	102.12	ng	0.02
7) Phenol-d6	6.45	99	1382841	111.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	866132	89.05	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	278609	96.25	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1451164	82.15	ng	0.00
78) Terphenyl-d14	12.93	244	1058413	77.42	ng	0.00

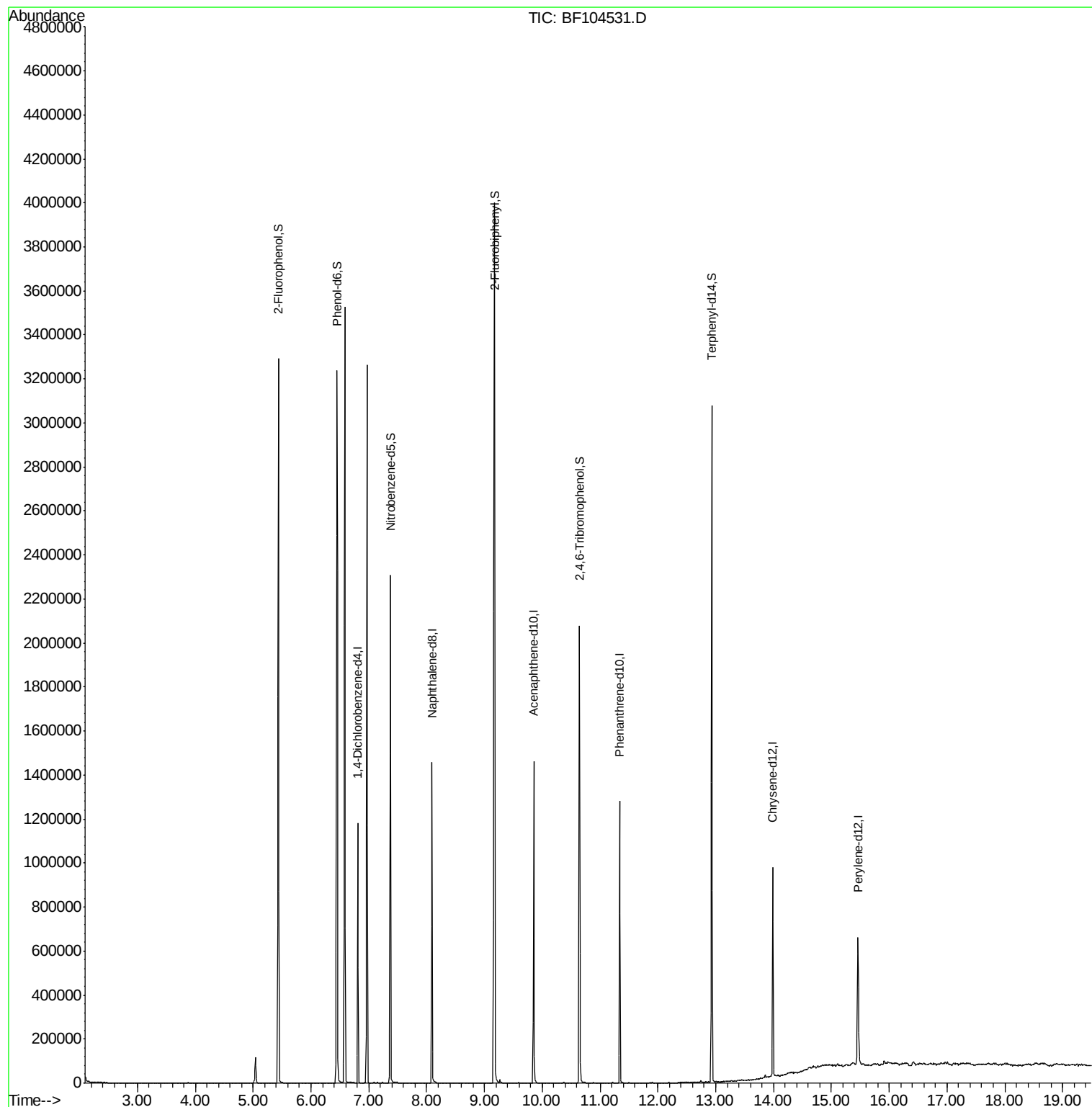
Target Compounds Qvalue

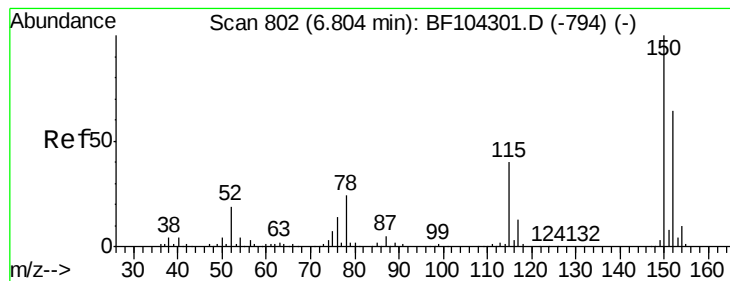
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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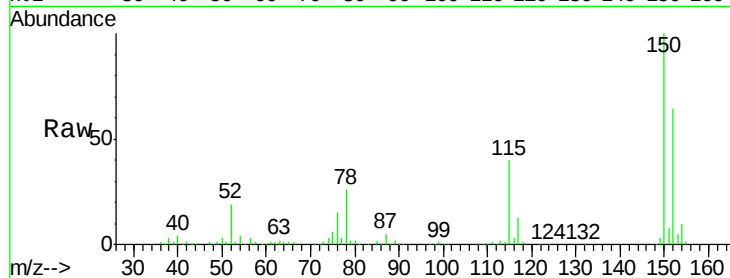


#1

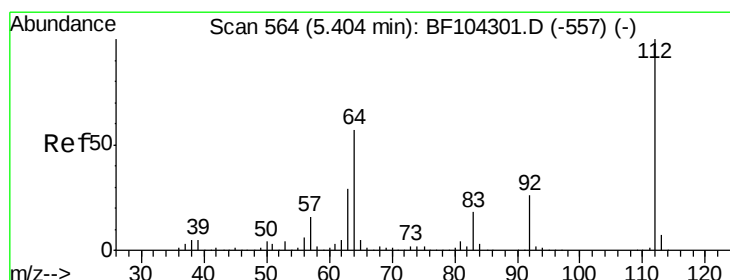
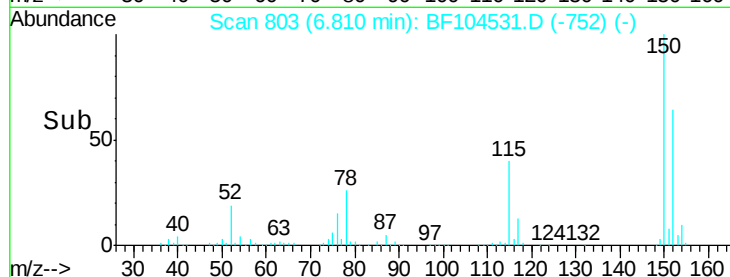
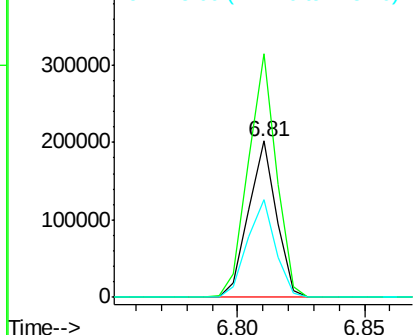
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Instrument :
BNA_F
ClientSampleId :
PB108229BL

Tot Ion:152 Resp: 154808
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.6 50.1 75.1



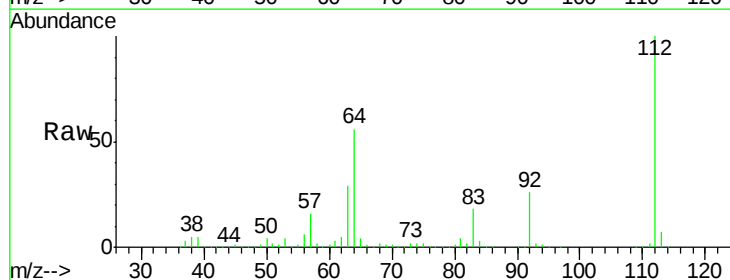
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



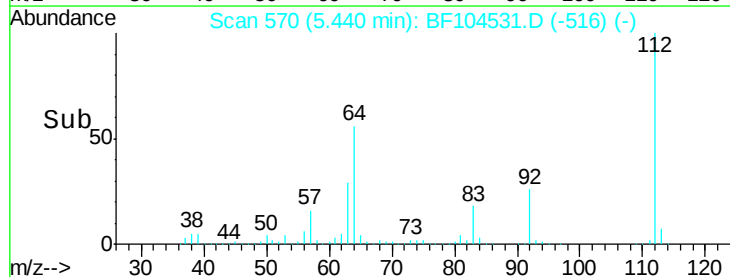
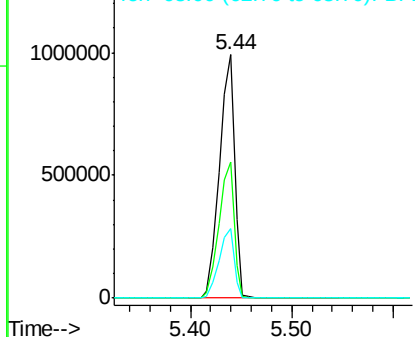
#5

2-Fluorophenol
Concen: 102.117 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:112 Resp: 1033871
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.5 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: 111.164 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104531.D

Acq: 16 Apr 2018 13:52

Instrument :

BNA_F

ClientSampleId :

PB108229BL

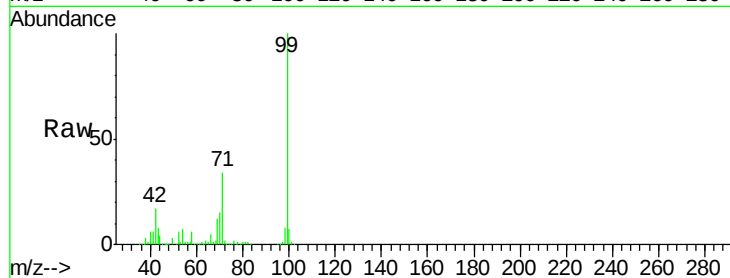
Tot Ion: 99 Resp: 1382841

Ion Ratio Lower Upper

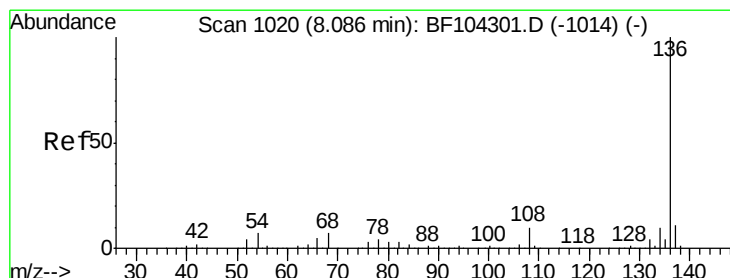
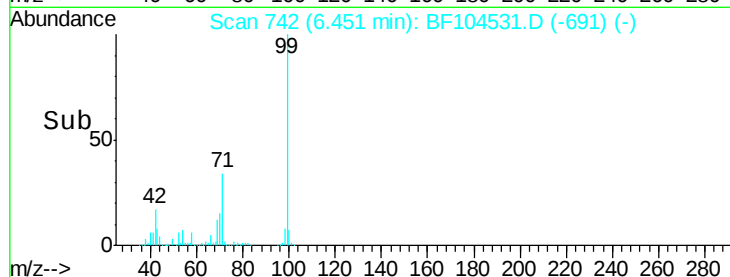
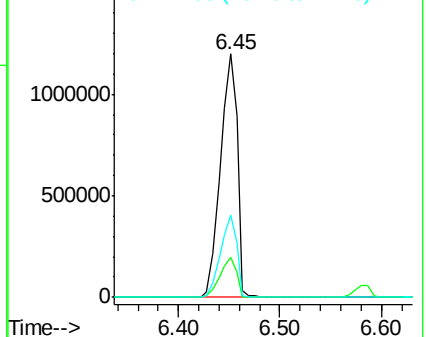
99 100

42 16.5 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# 1021

Delta R.T. -0.00 min

Lab File: BF104531.D

Acq: 16 Apr 2018 13:52

Tgt Ion: 136 Resp: 635138

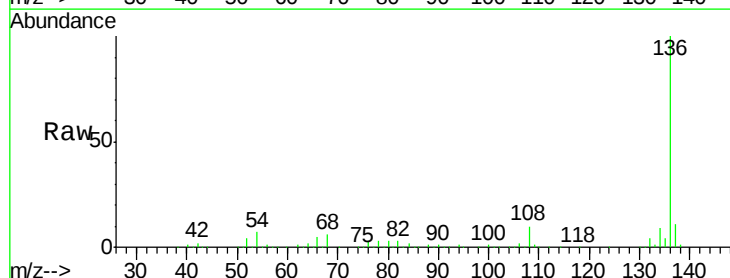
Ion Ratio Lower Upper

136 100

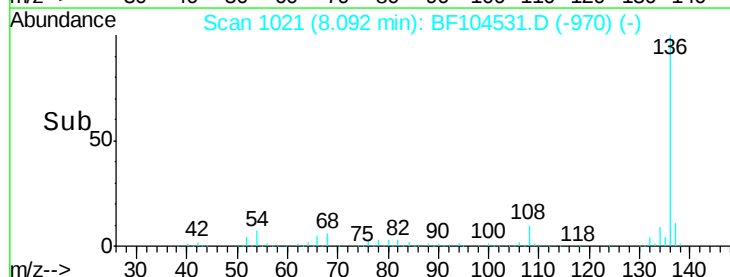
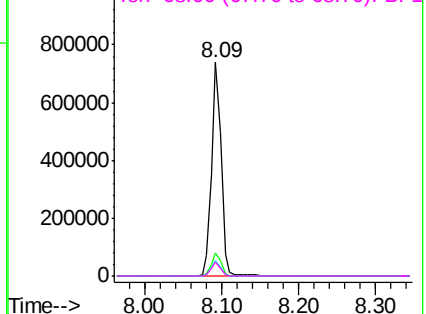
137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 6.3 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

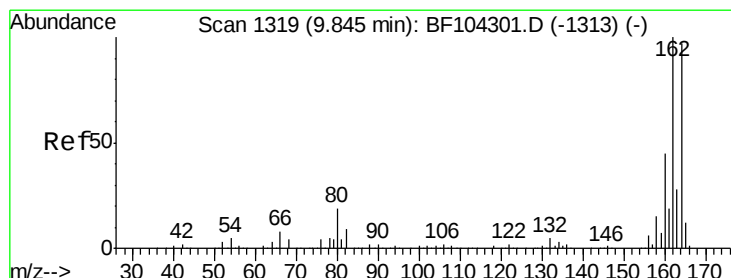
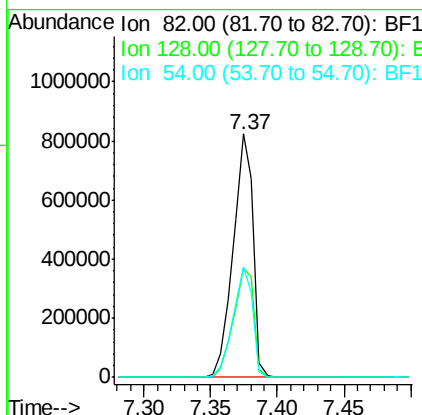
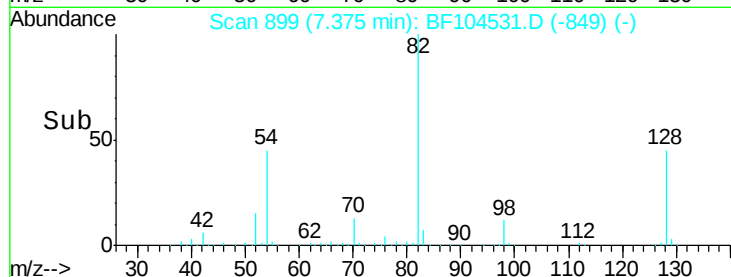
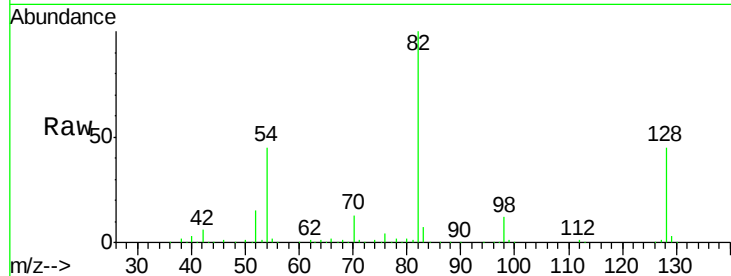




#23
 Nitrobenzene-d5
 Concen: 89.046 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104531.D
 Acq: 16 Apr 2018 13:52

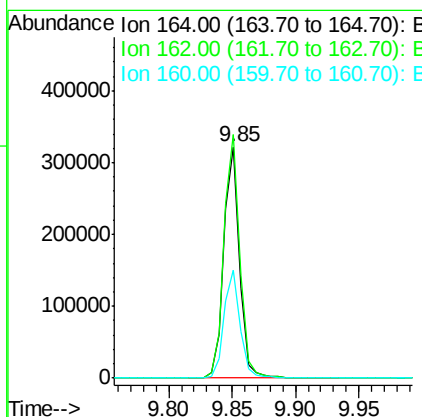
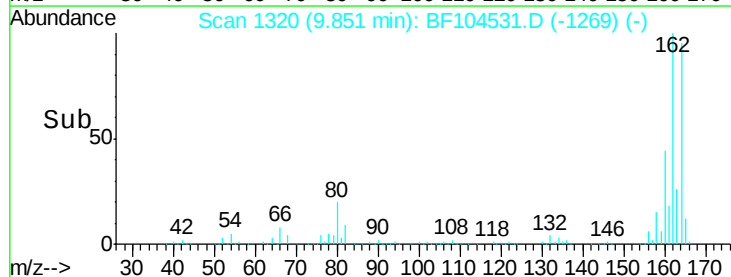
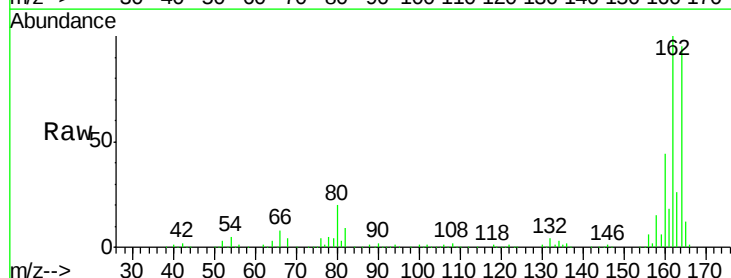
Instrument :
 BNA_F
 ClientSampleId :
 PB108229BL

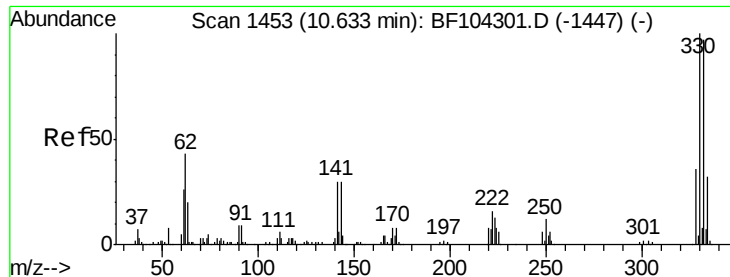
Tot Ion: 82 Resp: 866132
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 45.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104531.D
 Acq: 16 Apr 2018 13:52

Tgt Ion: 164 Resp: 279048
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 46.5 38.3 57.5

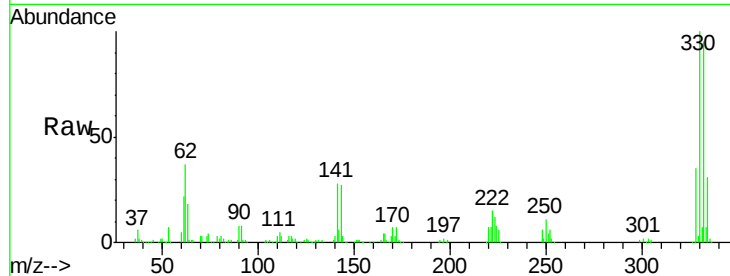




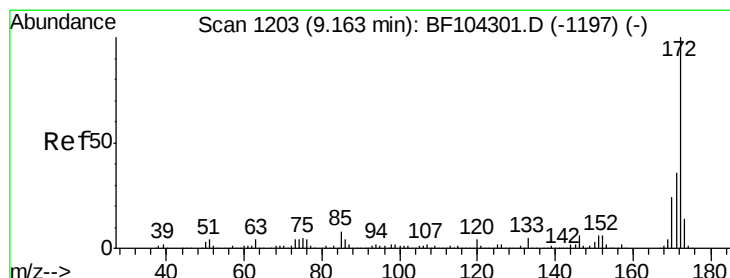
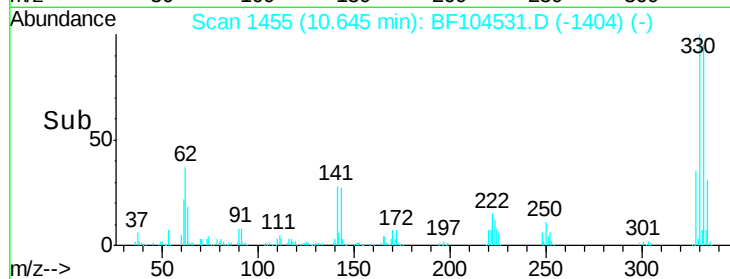
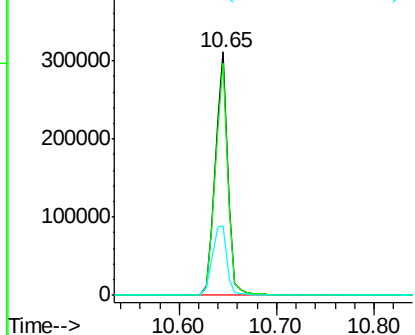
#41
 2,4,6-Tribromophenol
 Concen: 96.250 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104531.D
 Acq: 16 Apr 2018 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.2	29.9	44.9

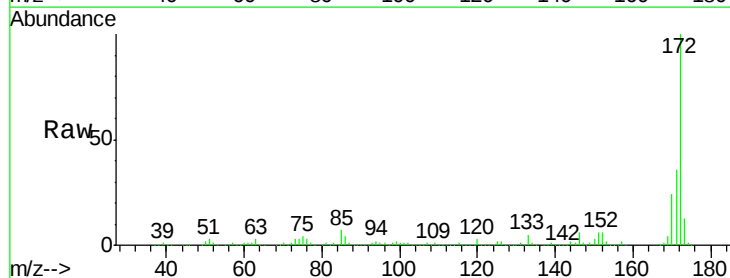


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

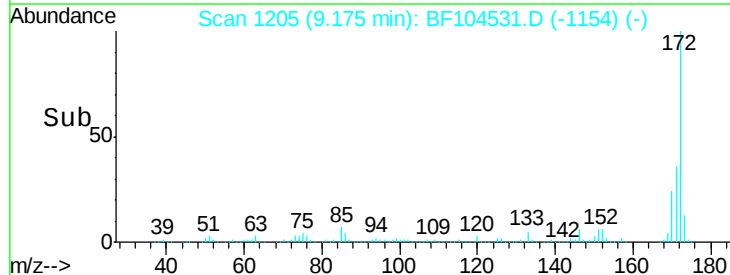
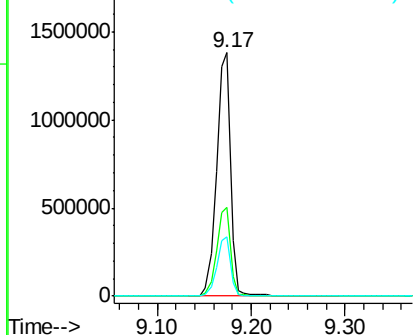


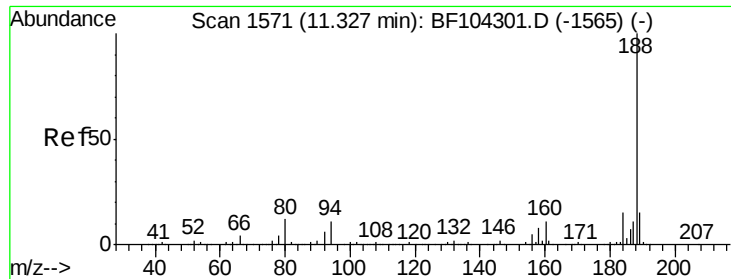
#44
 2-Fluorobiphenyl
 Concen: 82.154 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104531.D
 Acq: 16 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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

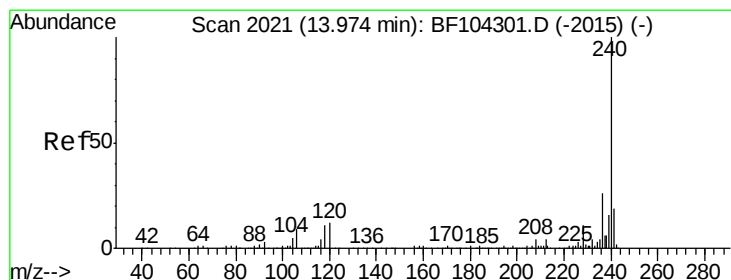
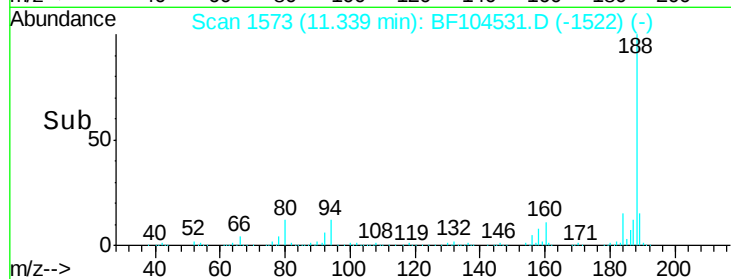
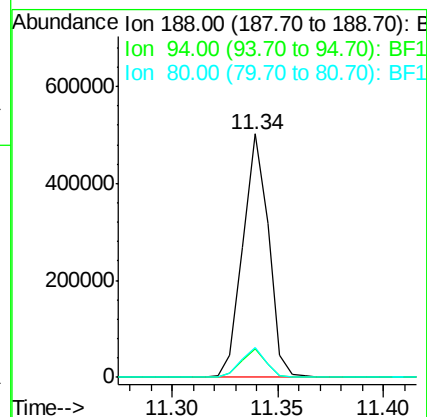
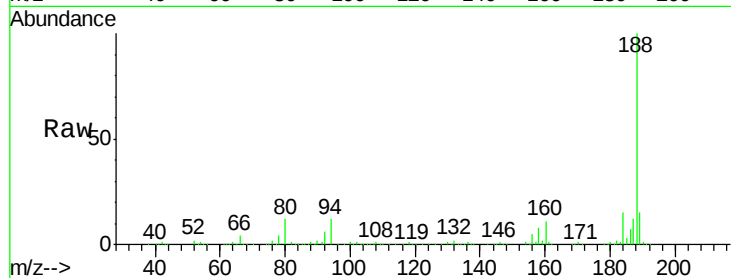




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

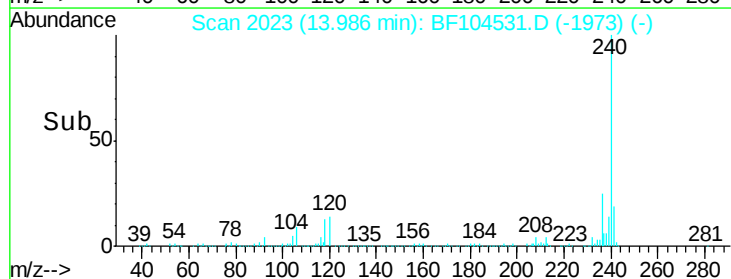
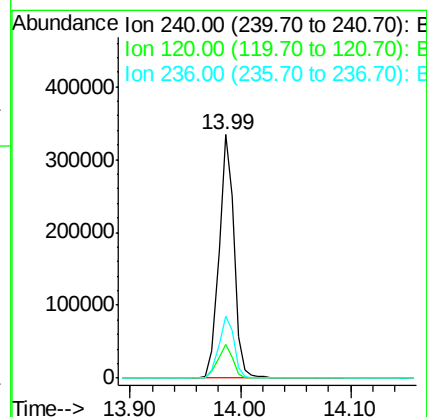
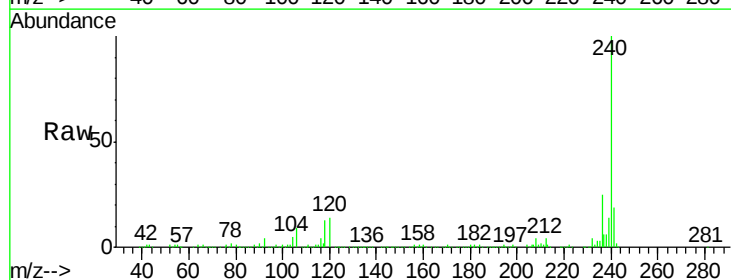
Instrument :
BNA_F
ClientSampleId :
PB108229BL

Tot Ion:188 Resp: 422660
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104531.D
Acq: 16 Apr 2018 13:52

Tgt Ion:240 Resp: 311691
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 77.416 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104531.D

Acq: 16 Apr 2018 13:52

Instrument :

BNA_F

ClientSampled :

PB108229BL

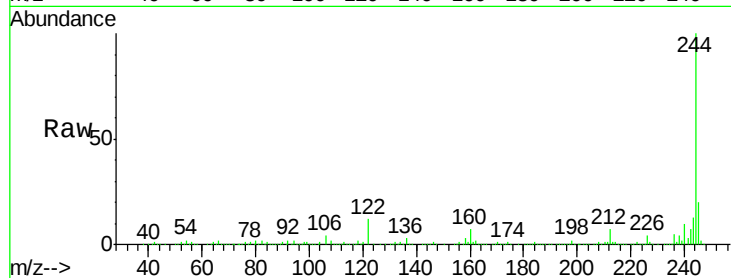
Tot Ion:244 Resp: 1058413

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

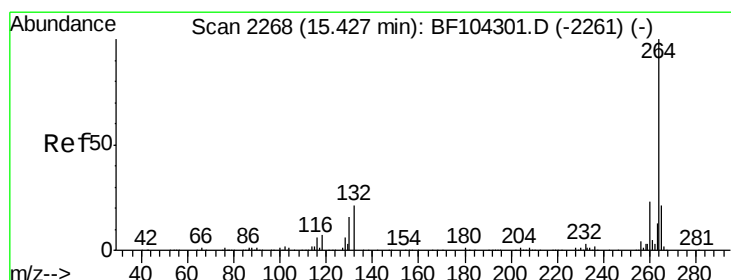
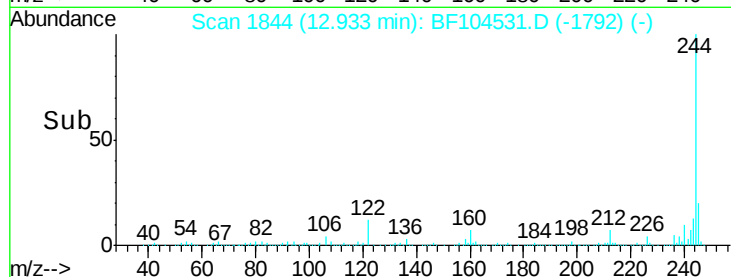
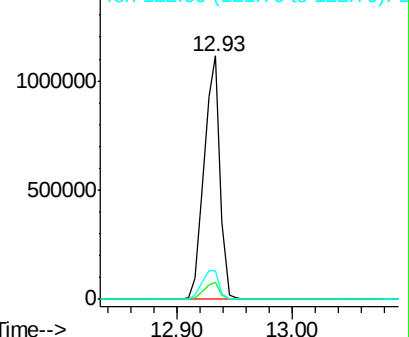
122 11.9 11.0 16.4



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: BF104531.D

Acq: 16 Apr 2018 13:52

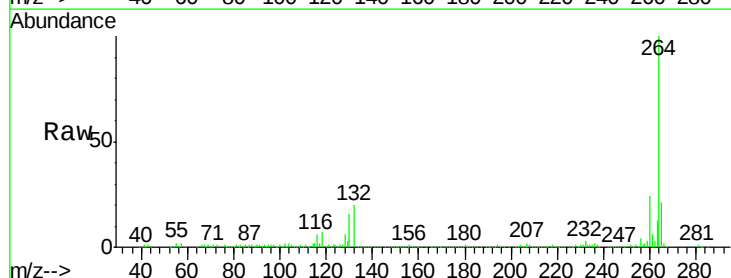
Tgt Ion:264 Resp: 259716

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

