

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104469.D
 Acq On : 12 Apr 2018 23:24
 Operator : JU/SJ
 Sample : J2337-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200032

Quant Time: Apr 13 01:35:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112372	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	418230	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	154583	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	250104	20.00	ng	0.00
75) Chrysene-d12	13.99	240	224327	20.00	ng	0.00
86) Perylene-d12	15.45	264	160803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	837301	113.93	ng	0.02
7) Phenol-d6	6.45	99	877352	97.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	657770	102.70	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	204294	127.40	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1084767	110.86	ng	0.00
78) Terphenyl-d14	12.93	244	961134	97.68	ng	0.00

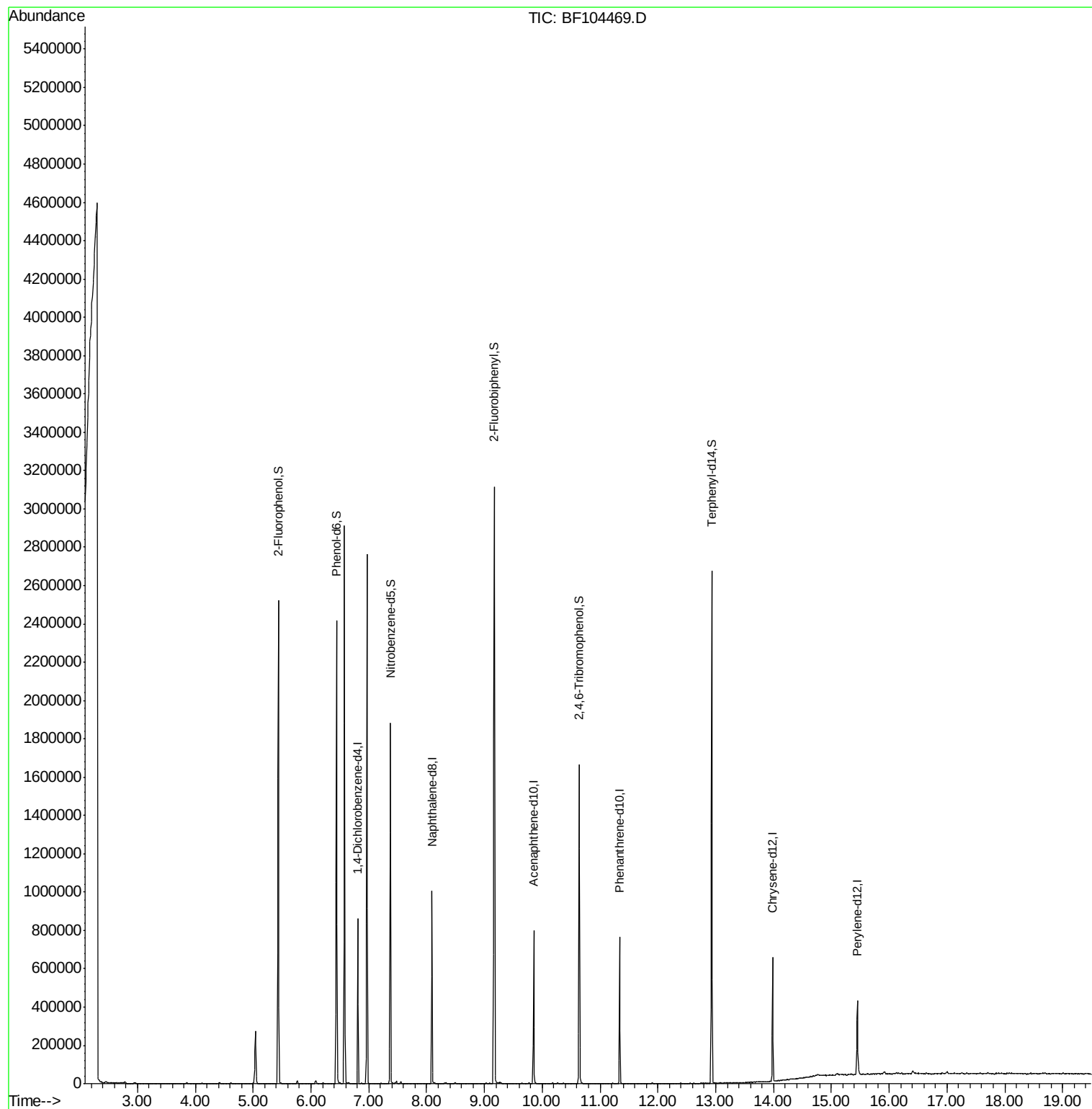
Target Compounds Qvalue

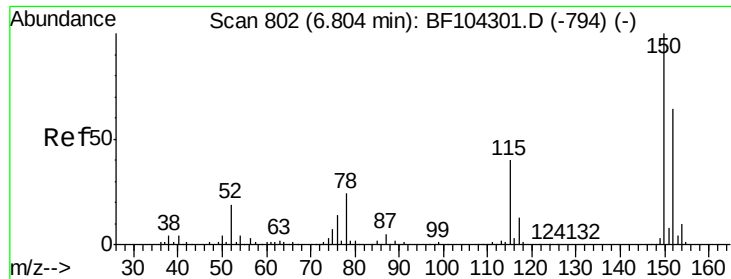
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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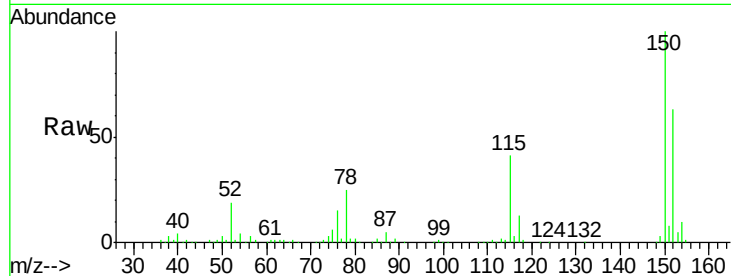


#1

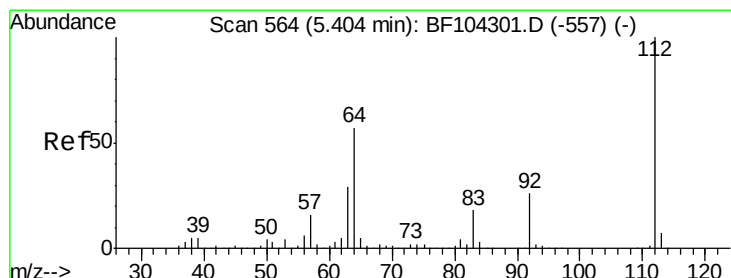
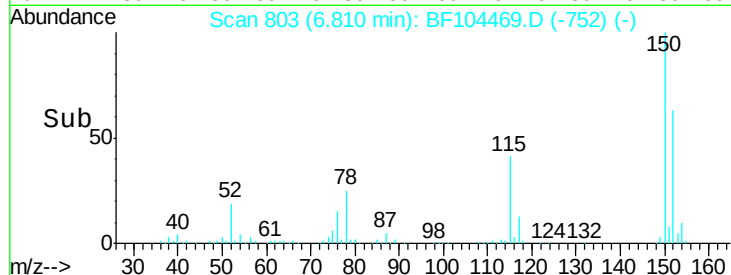
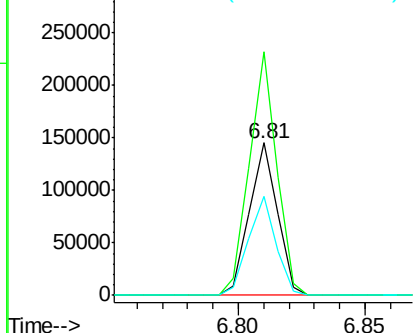
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RBR200032

Tot Ion:152 Resp: 112372
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 64.8 50.1 75.1



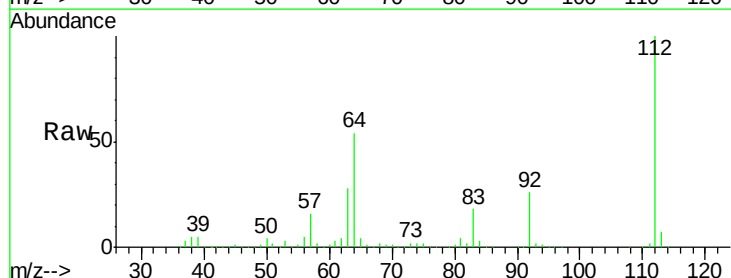
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



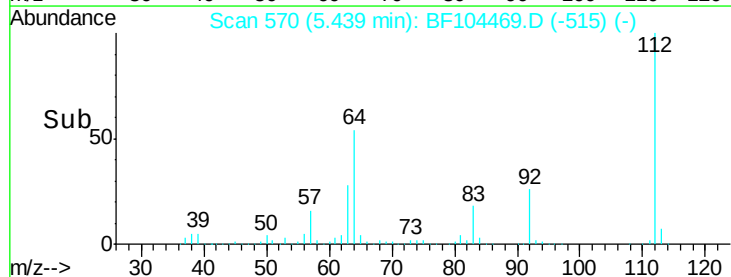
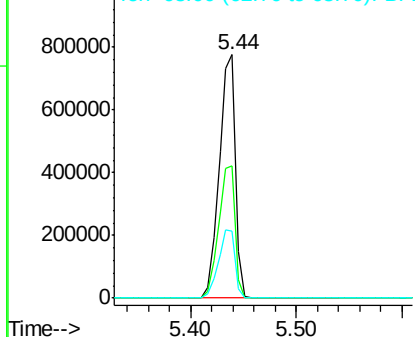
#5

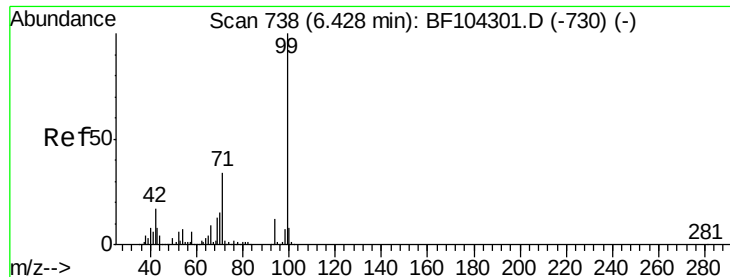
2-Fluorophenol
Concen: 113.932 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:112 Resp: 837301
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 27.7 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: 97.163 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104469.D

Acq: 12 Apr 2018 23:24

Instrument :

BNA_F

ClientSampleId :

RBR200032

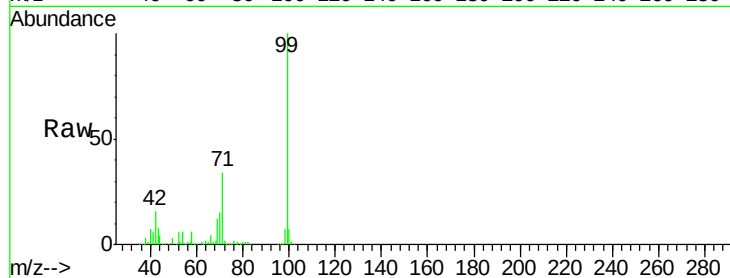
Tot Ion: 99 Resp: 877352

Ion Ratio Lower Upper

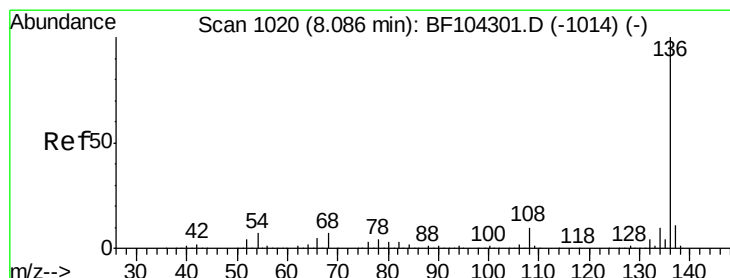
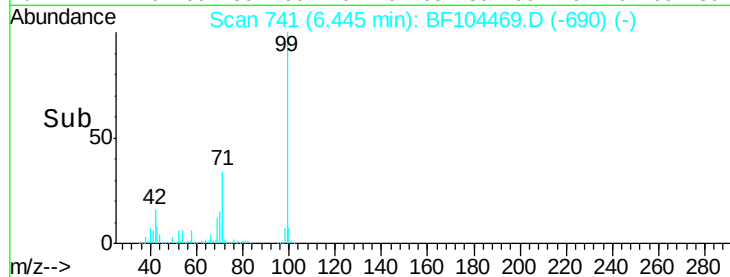
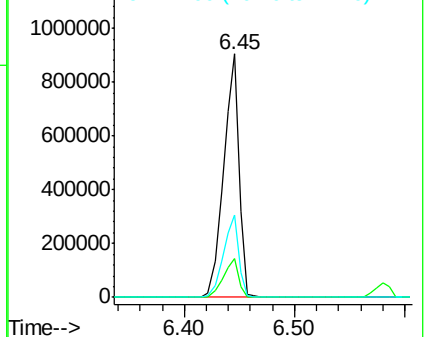
99 100

42 16.0 14.5 21.7

71 33.7 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. -0.01 min

Lab File: BF104469.D

Acq: 12 Apr 2018 23:24

Tgt Ion: 136 Resp: 418230

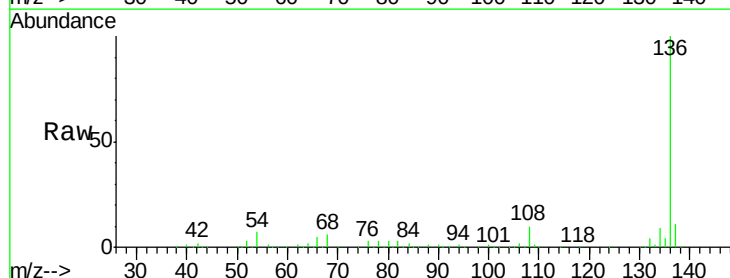
Ion Ratio Lower Upper

136 100

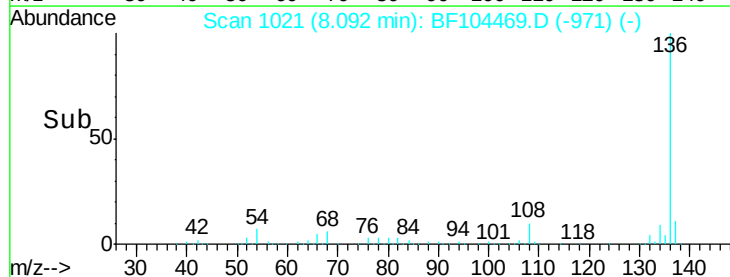
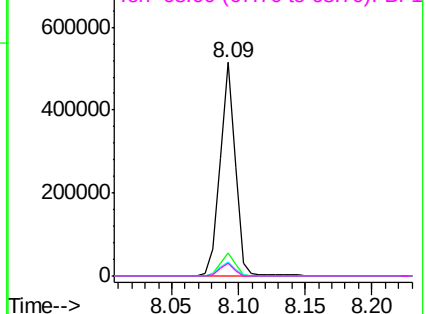
137 10.9 8.9 13.3

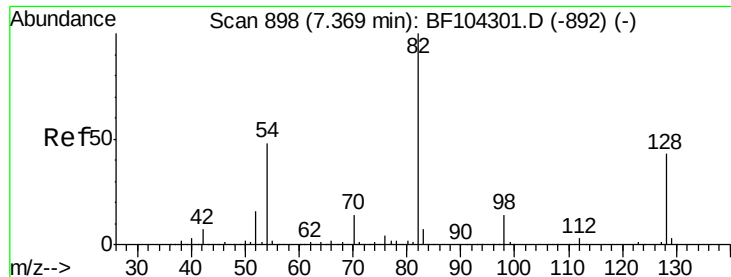
54 6.8 6.6 9.8

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

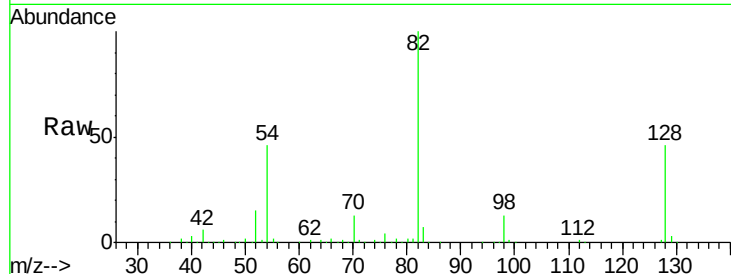




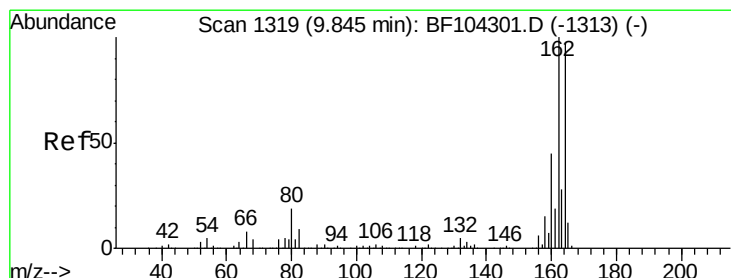
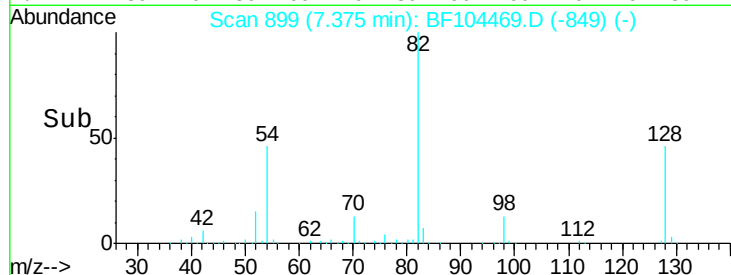
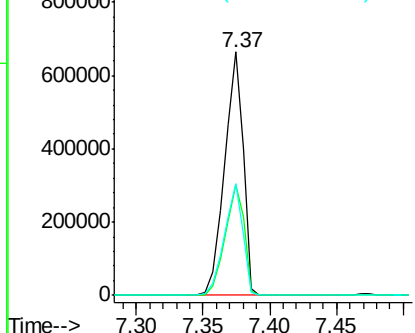
#23
 Nitrobenzene-d5
 Concen: 102.697 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104469.D
 Acq: 12 Apr 2018 23:24

Instrument :
 BNA_F
 ClientSampleID :
 RBR200032

Tot Ion: 82 Resp: 657770
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 46.0 41.4 62.2

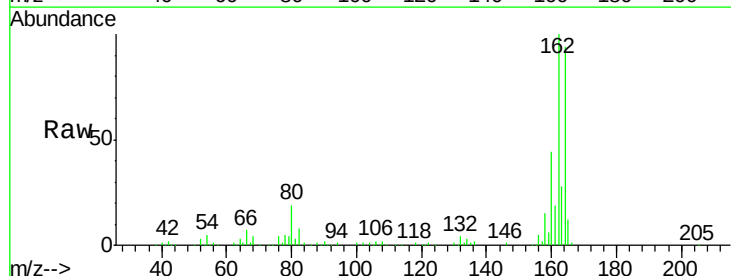


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

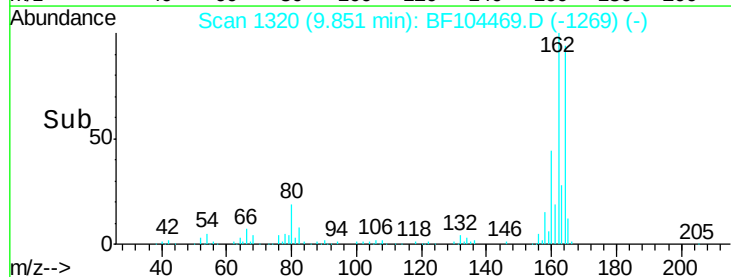
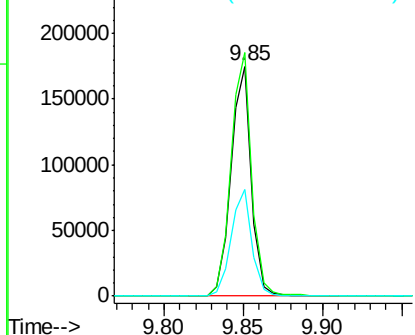


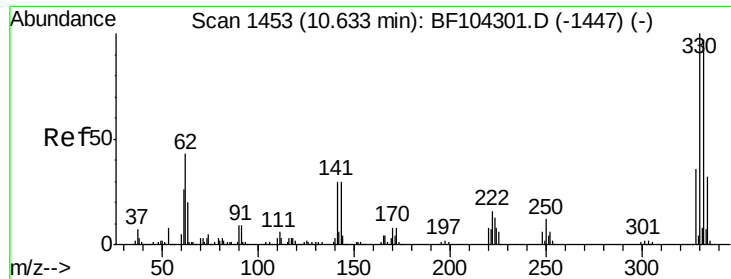
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104469.D
 Acq: 12 Apr 2018 23:24

Tgt Ion:164 Resp: 154583
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.3 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

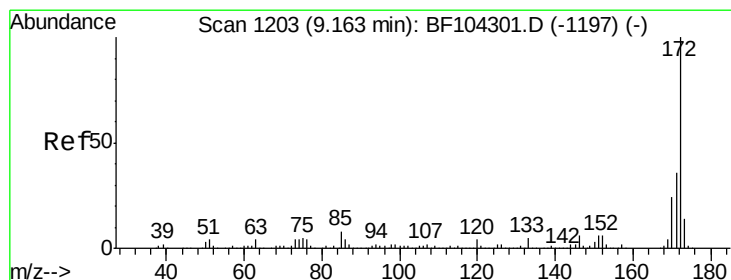
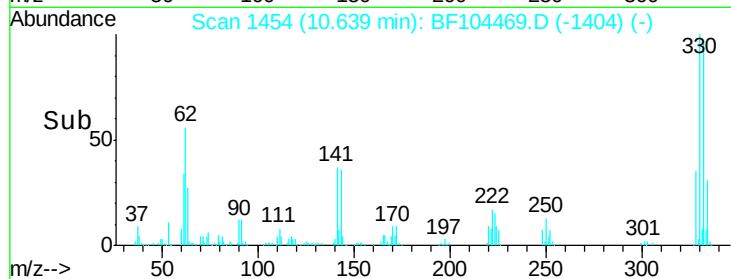
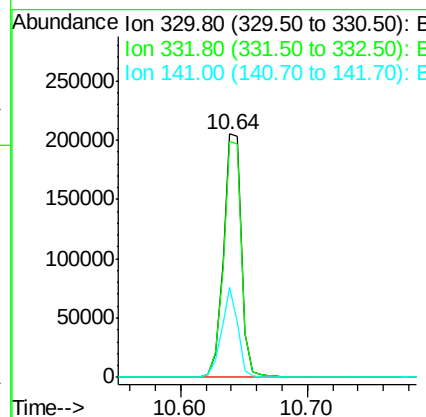
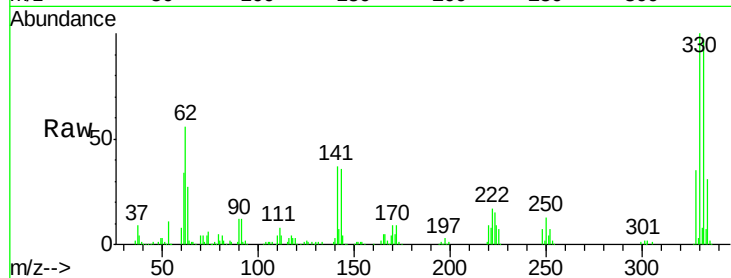




#41
 2,4,6-Tribromophenol
 Concen: 127.403 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104469.D
 Acq: 12 Apr 2018 23:24

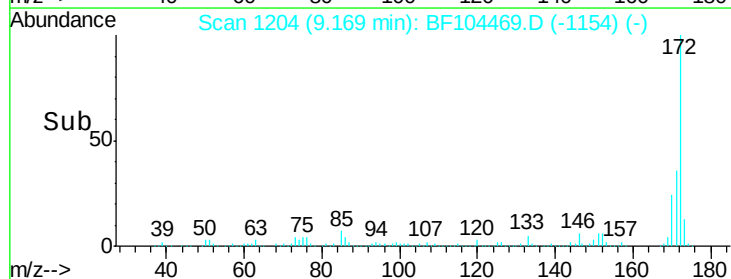
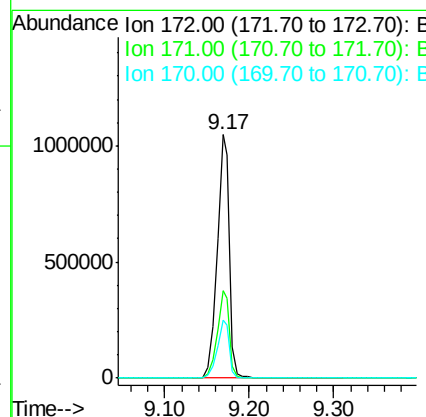
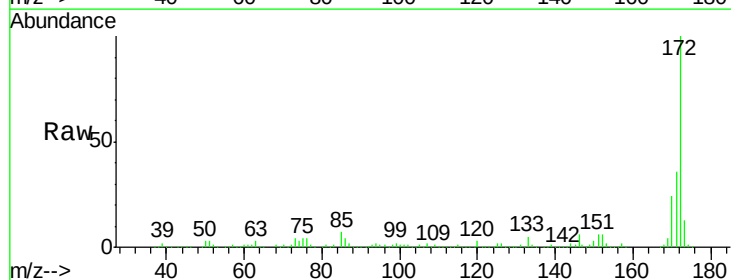
Instrument :
 BNA_F
 ClientSampleId :
 RBR200032

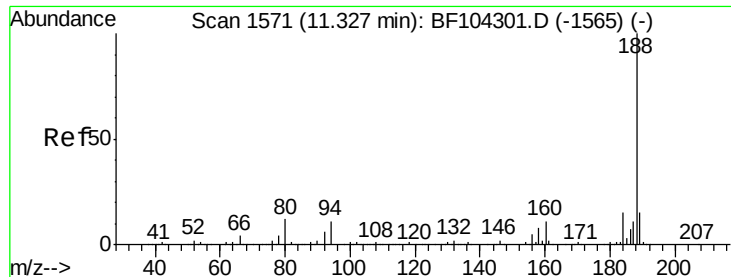
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 110.857 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104469.D
 Acq: 12 Apr 2018 23:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

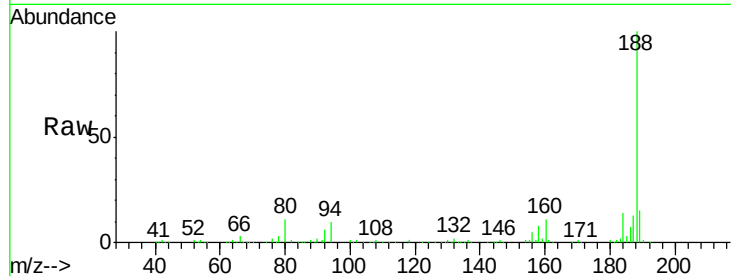




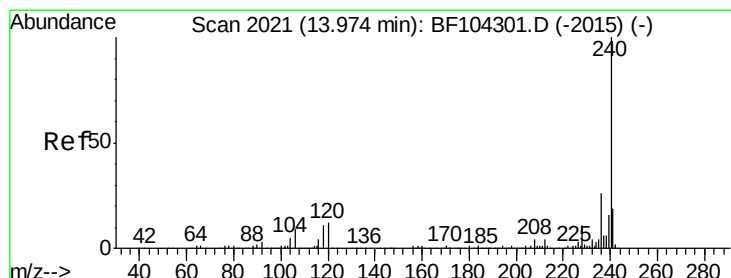
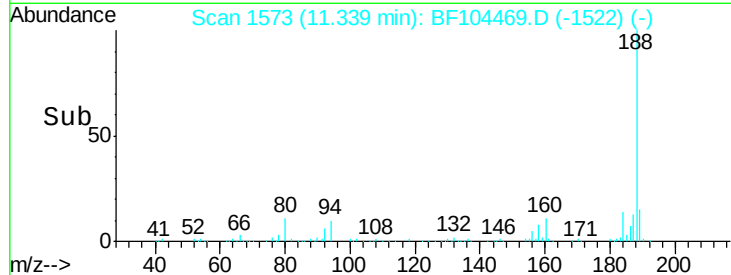
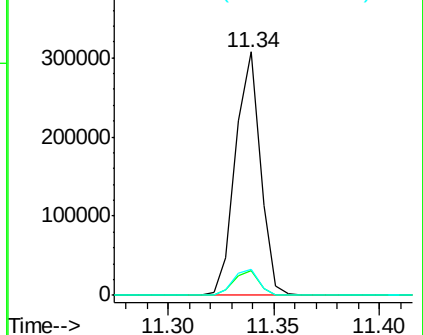
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RBR200032

Tot Ion:188 Resp: 250104
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8

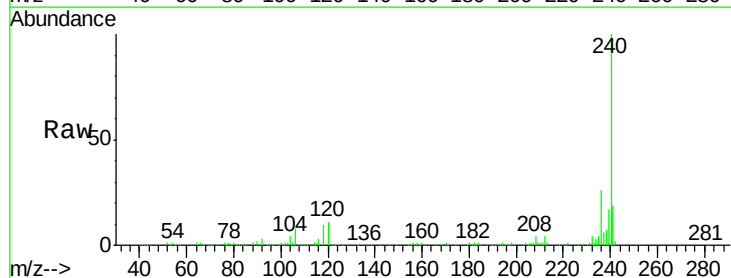


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

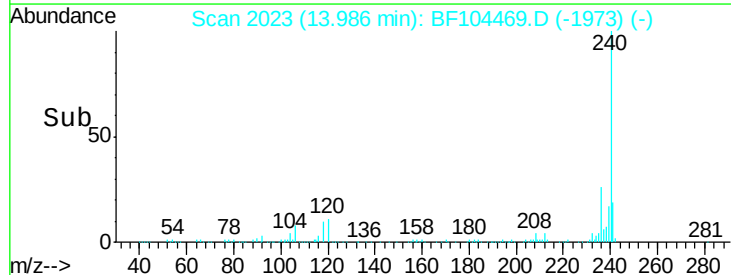
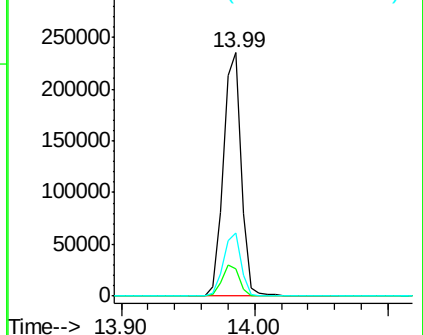


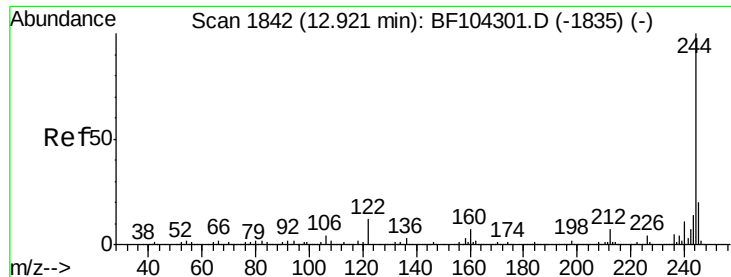
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:240 Resp: 224327
Ion Ratio Lower Upper
240 100
120 11.1 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

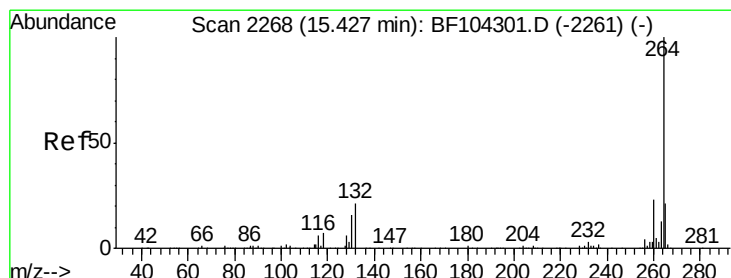
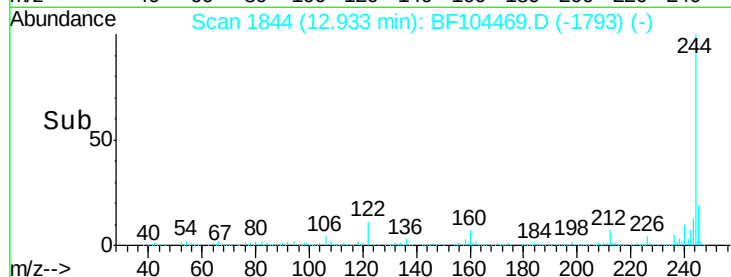
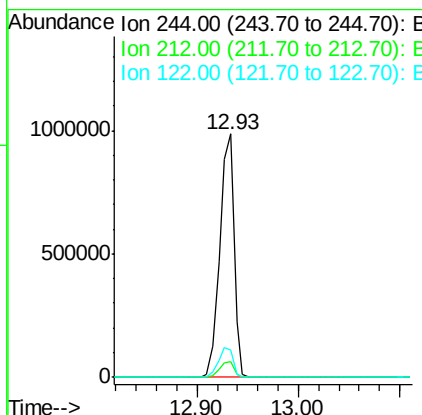
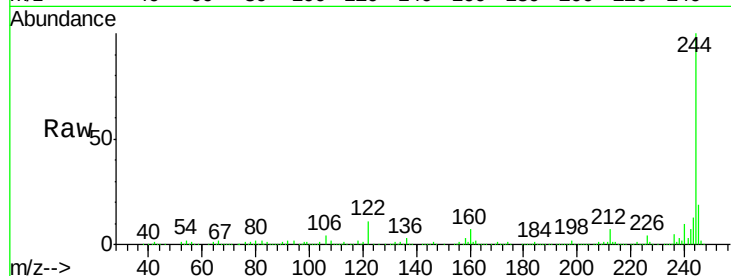




#78
 Terphenyl-d14
 Concen: 97.680 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF104469.D
 Acq: 12 Apr 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR200032

Tot Ion:244 Resp: 961134
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104469.D
 Acq: 12 Apr 2018 23:24

Tgt Ion:264 Resp: 160803
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 20.9 17.5 26.3

