

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104482.D
 Acq On : 13 Apr 2018 16:54
 Operator : JU/SJ
 Sample : J2360-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-001

Quant Time: Apr 13 18:08:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

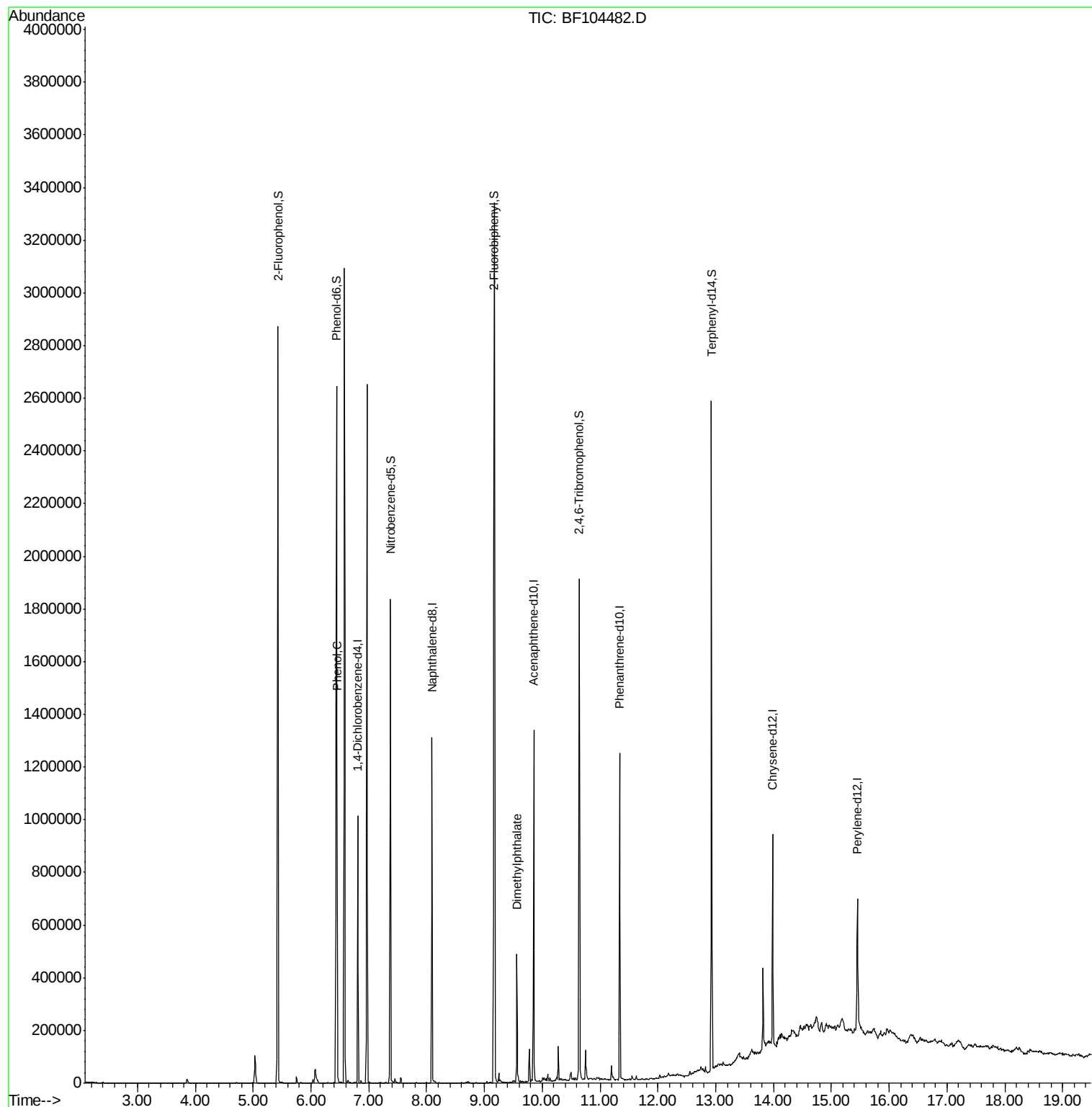
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134322	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	541082	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	245025	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	402543	20.00	ng	0.00
75) Chrysene-d12	13.99	240	265250	20.00	ng	0.00
86) Perylene-d12	15.46	264	230672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	891034	101.43	ng	0.00
7) Phenol-d6	6.45	99	1084343	100.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	681191	82.21	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	256323	100.85	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1183817	76.32	ng	0.00
78) Terphenyl-d14	12.93	244	951539	81.78	ng	0.00
Target Compounds						
10) Phenol	6.46	94	41305	3.607	ng	95
49) Dimethylphthalate	9.56	163	179195	9.274	ng	99

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

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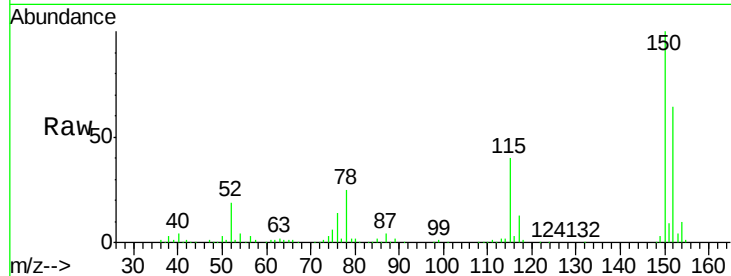


#1

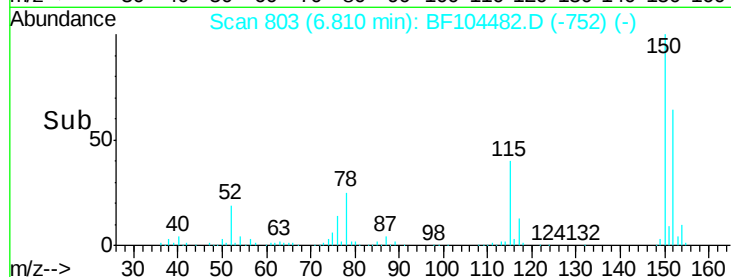
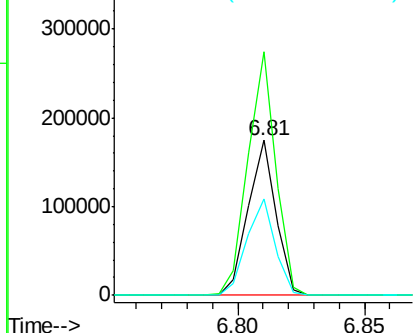
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :
NAA-WS-001

Tot Ion:152 Resp: 134322
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 62.1 50.1 75.1



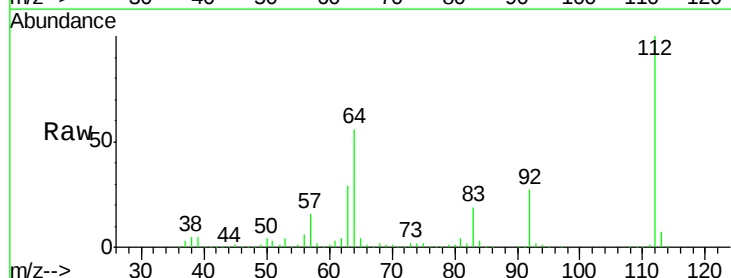
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



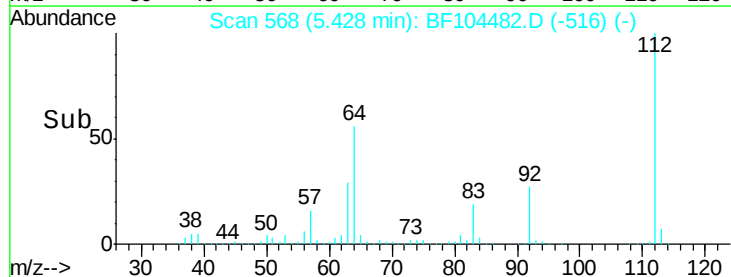
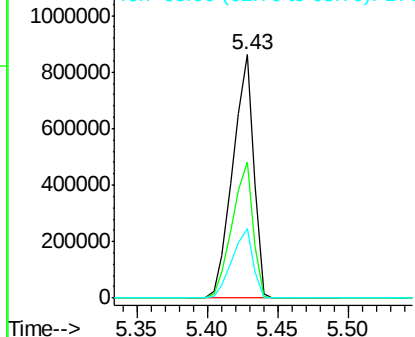
#5

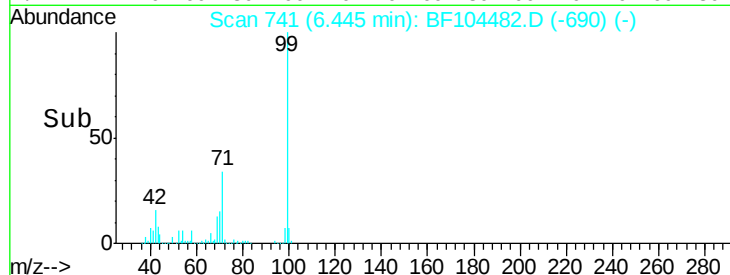
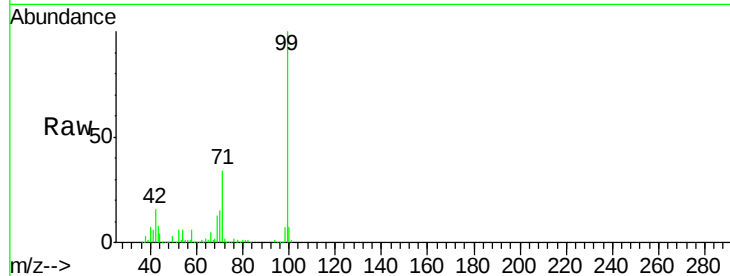
2-Fluorophenol
Concen: 101.431 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:112 Resp: 891034
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.7 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: 100.463 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104482.D

Acq: 13 Apr 2018 16:54

Instrument :

BNA_F

ClientSampleId :

NAA-WS-001

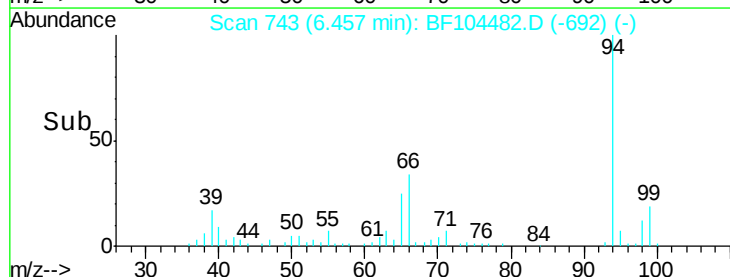
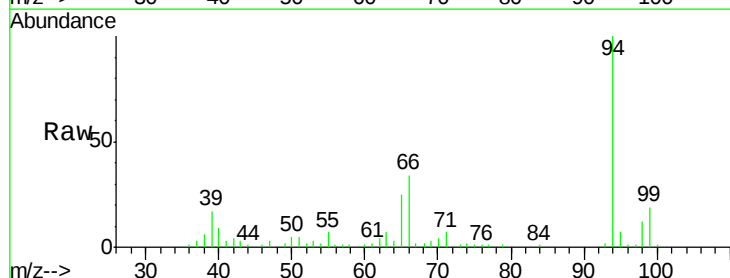
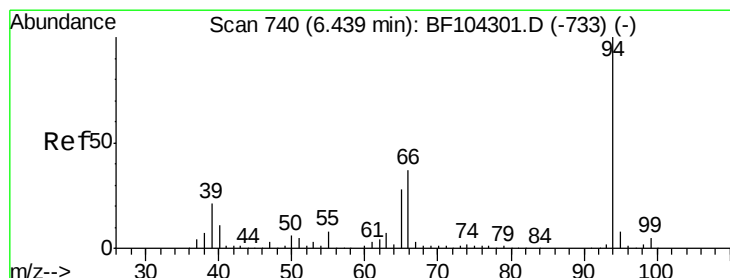
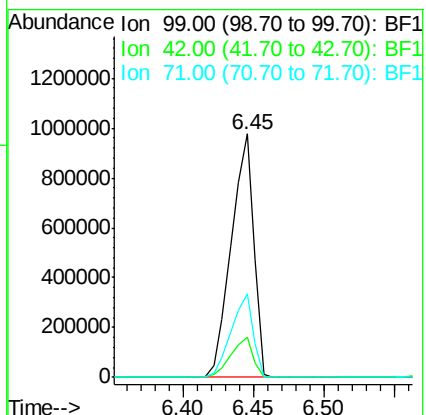
Tot Ion: 99 Resp: 1084343

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 3.607 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104482.D

Acq: 13 Apr 2018 16:54

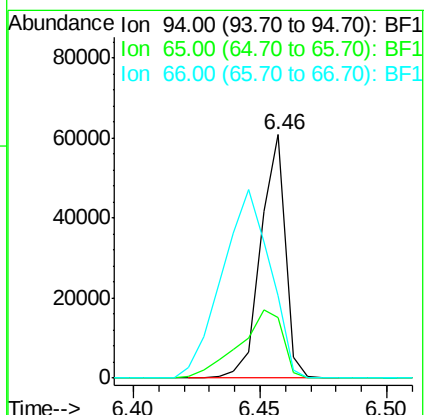
Tgt Ion: 94 Resp: 41305

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

66 33.9 16.2 56.2

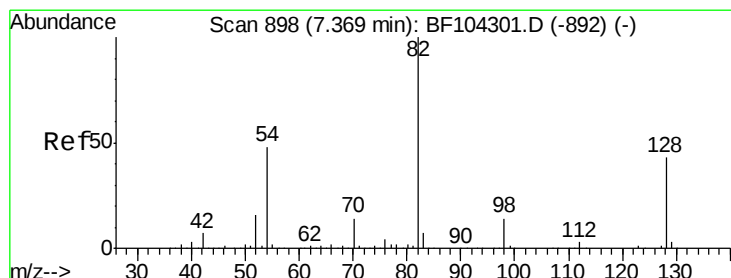
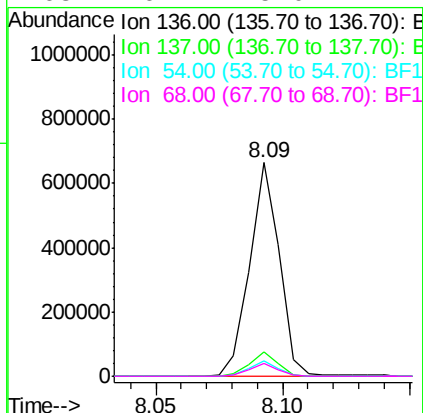
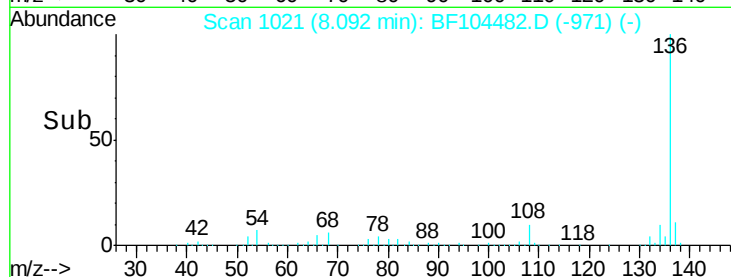
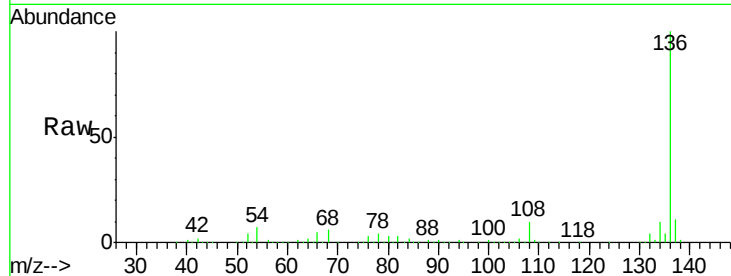




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

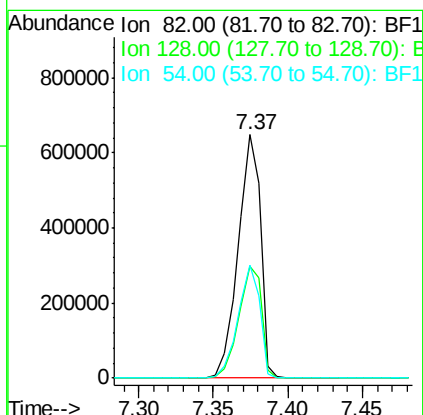
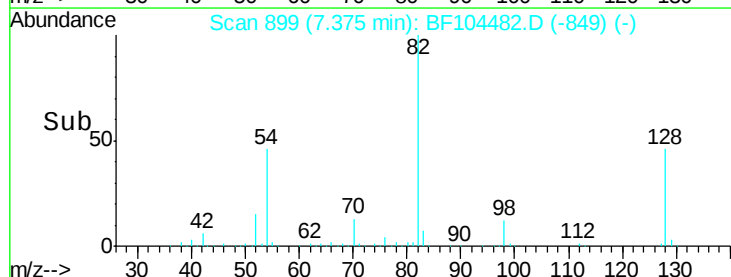
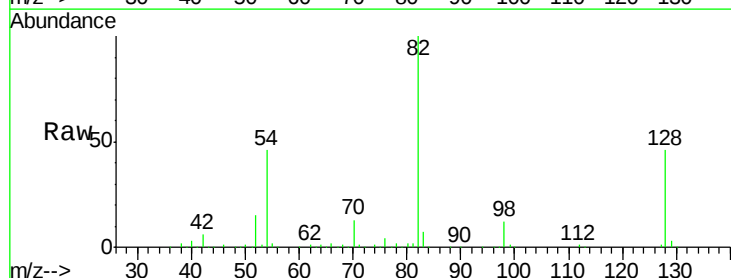
Instrument :
BNA_F
ClientSampleId :
NAA-WS-001

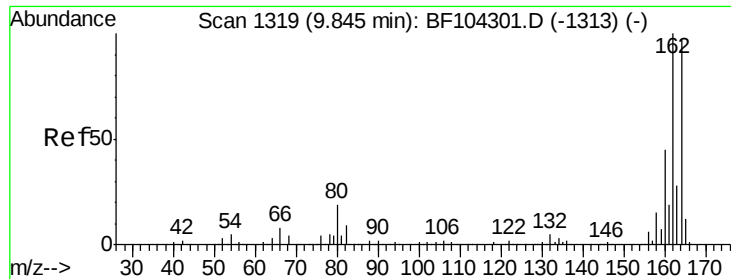
Tot Ion:136	Resp:	541082
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.2	6.6 9.8
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 82.206 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion: 82	Resp:	681191
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.1 54.1
54	46.3	41.4 62.2

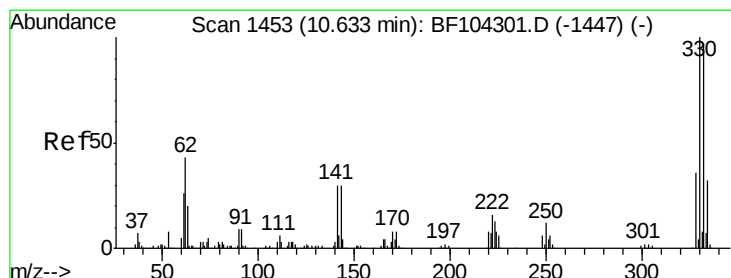
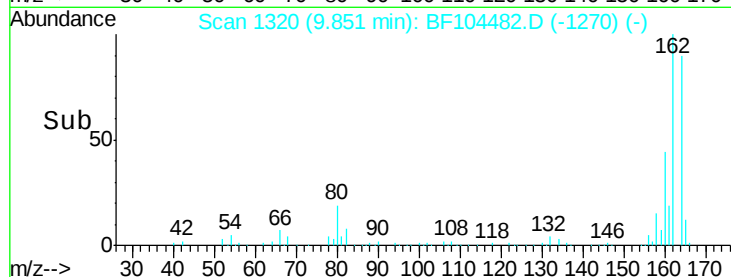
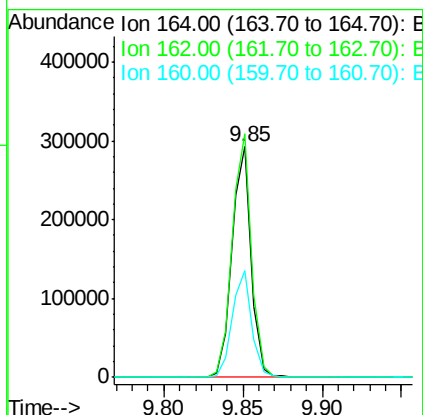
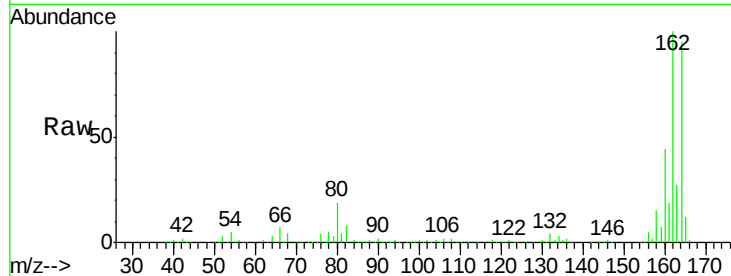




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104482.D
 Acq: 13 Apr 2018 16:54

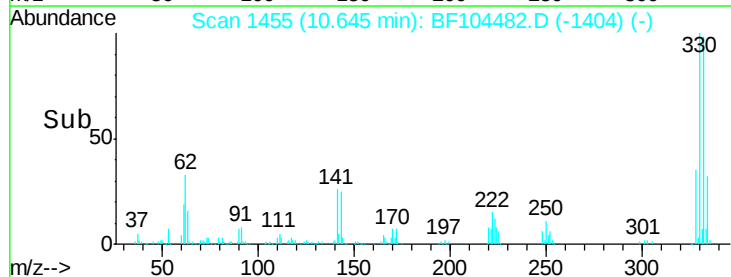
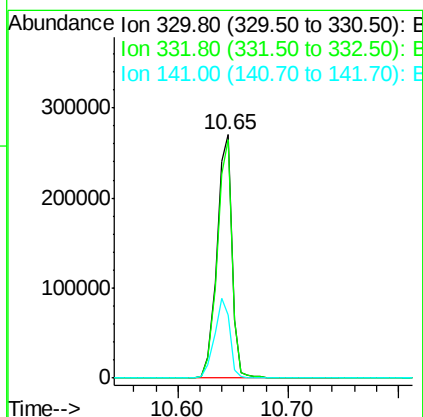
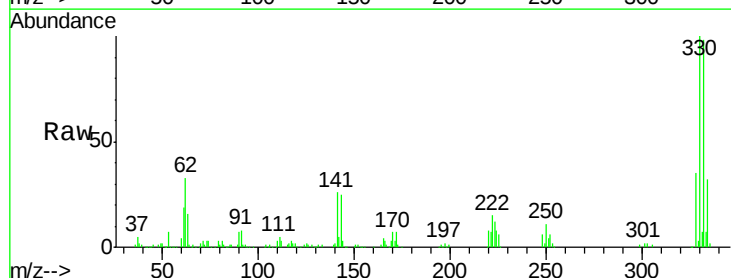
Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-001

Tot Ion:164 Resp: 245025
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 46.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 100.847 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104482.D
 Acq: 13 Apr 2018 16:54

Tgt Ion:330 Resp: 256323
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.8 29.9 44.9

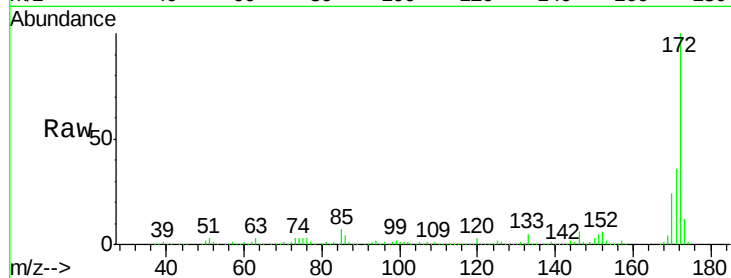




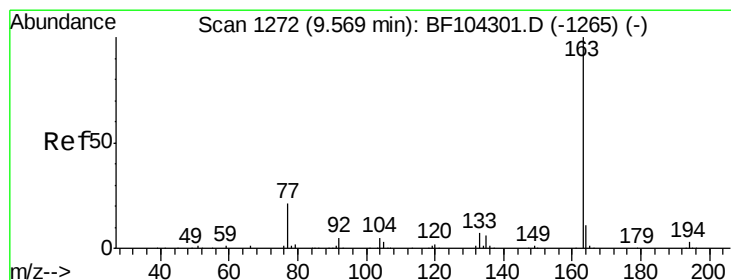
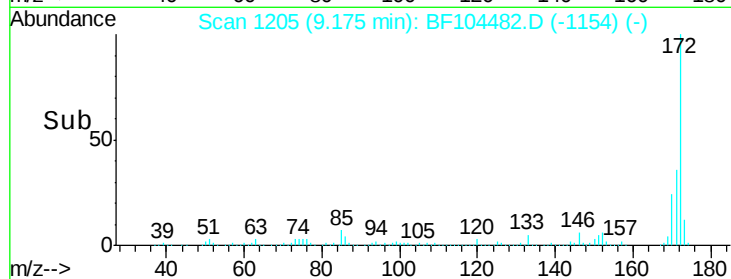
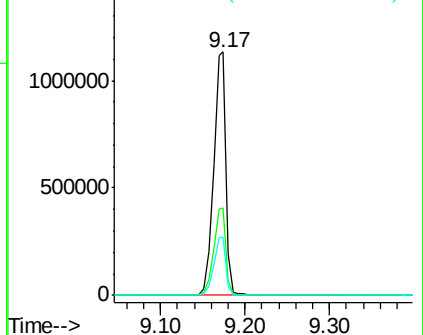
#44
2-Fluorobiphenyl
Concen: 76.324 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Instrument :
BNA_F
ClientSampleId :
NAA-WS-001

Tot Ion:172 Resp: 1183817
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4

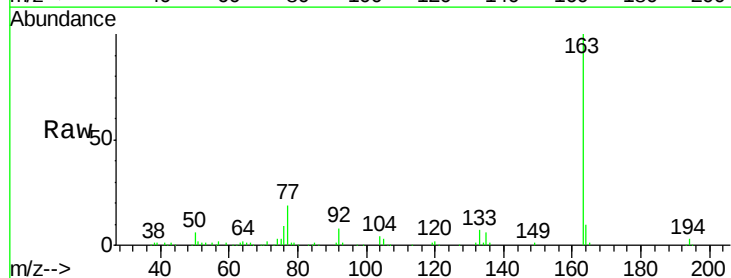


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

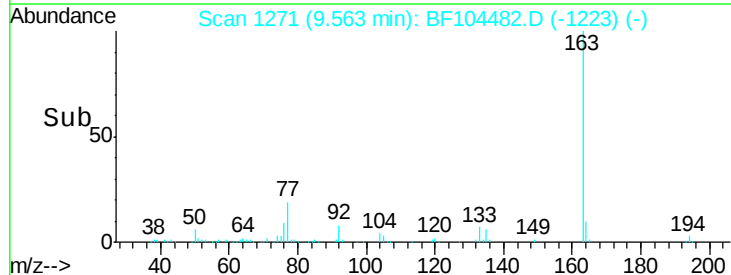
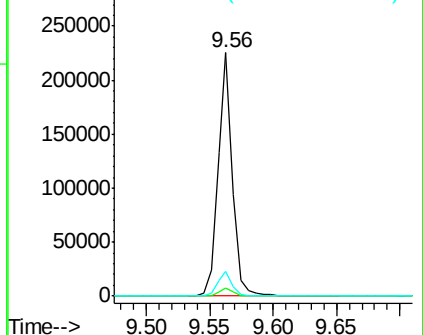


#49
Dimethylphthalate
Concen: 9.274 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104482.D
Acq: 13 Apr 2018 16:54

Tgt Ion:163 Resp: 179195
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF104482.D

Acq: 13 Apr 2018 16:54

Instrument :

BNA_F

ClientSampleId :

NAA-WS-001

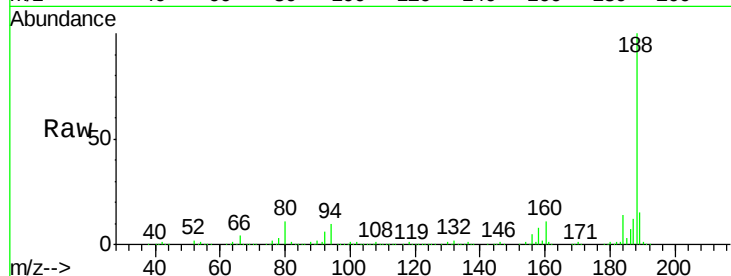
Tot Ion:188 Resp: 402543

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

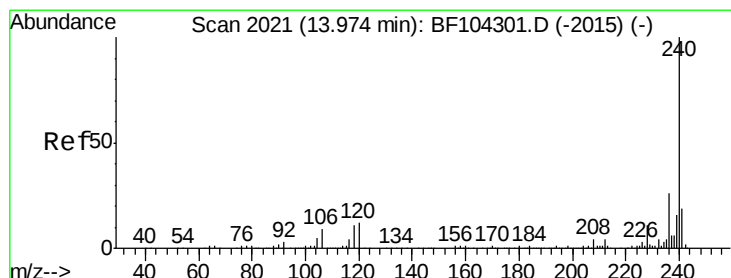
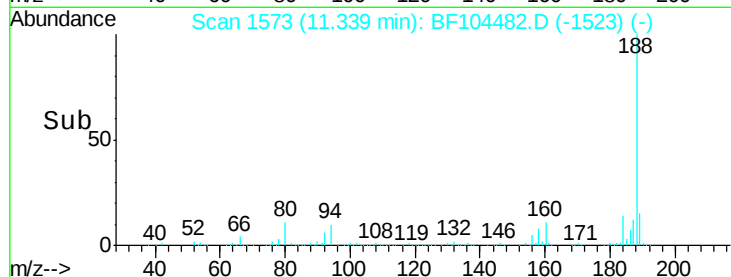
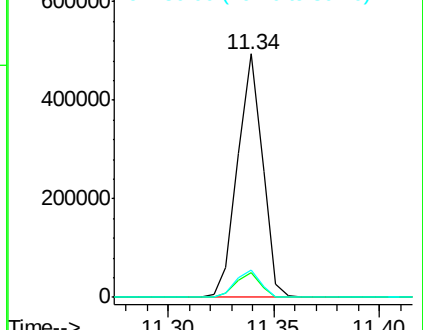
80 11.4 9.2 13.8



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: BF104482.D

Acq: 13 Apr 2018 16:54

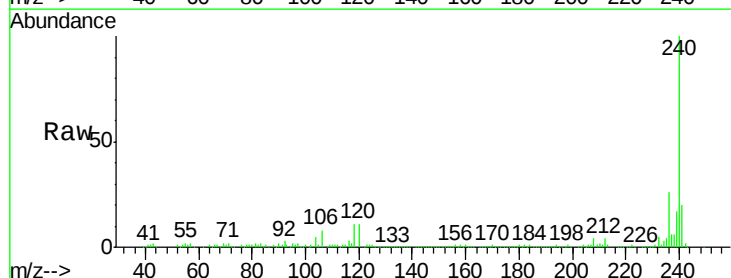
Tgt Ion:240 Resp: 265250

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

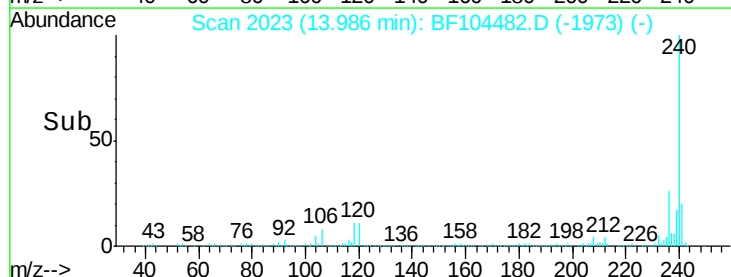
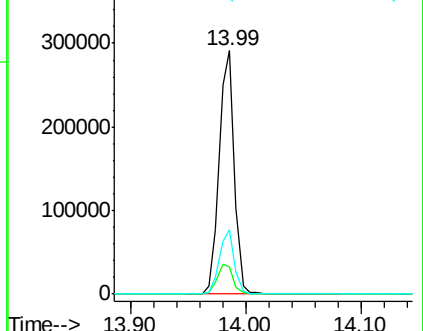
236 26.2 20.7 31.1

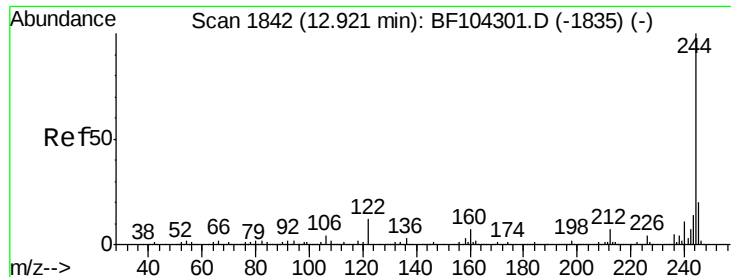


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

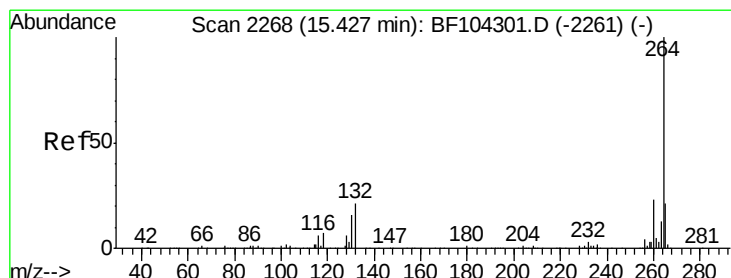
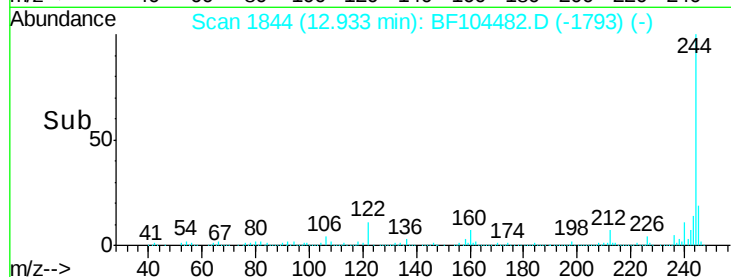
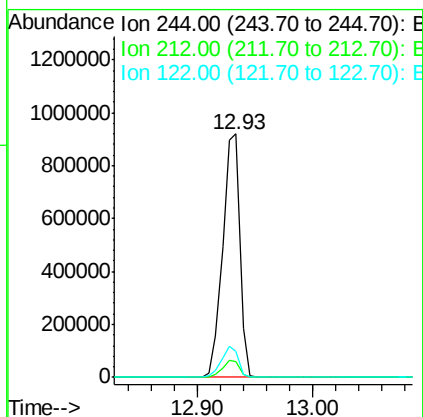
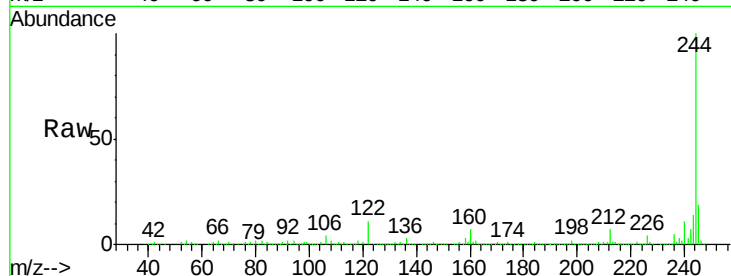




#78
 Terphenyl-d14
 Concen: 81.785 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF104482.D
 Acq: 13 Apr 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-001

Tot Ion:244 Resp: 951539
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104482.D
 Acq: 13 Apr 2018 16:54

Tgt Ion:264 Resp: 230672
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.4 17.5 26.3

