

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104943.D
 Acq On : 30 Apr 2018 19:54
 Operator : JU/SJ
 Sample : J2613-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-B

Quant Time: May 01 06:48:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

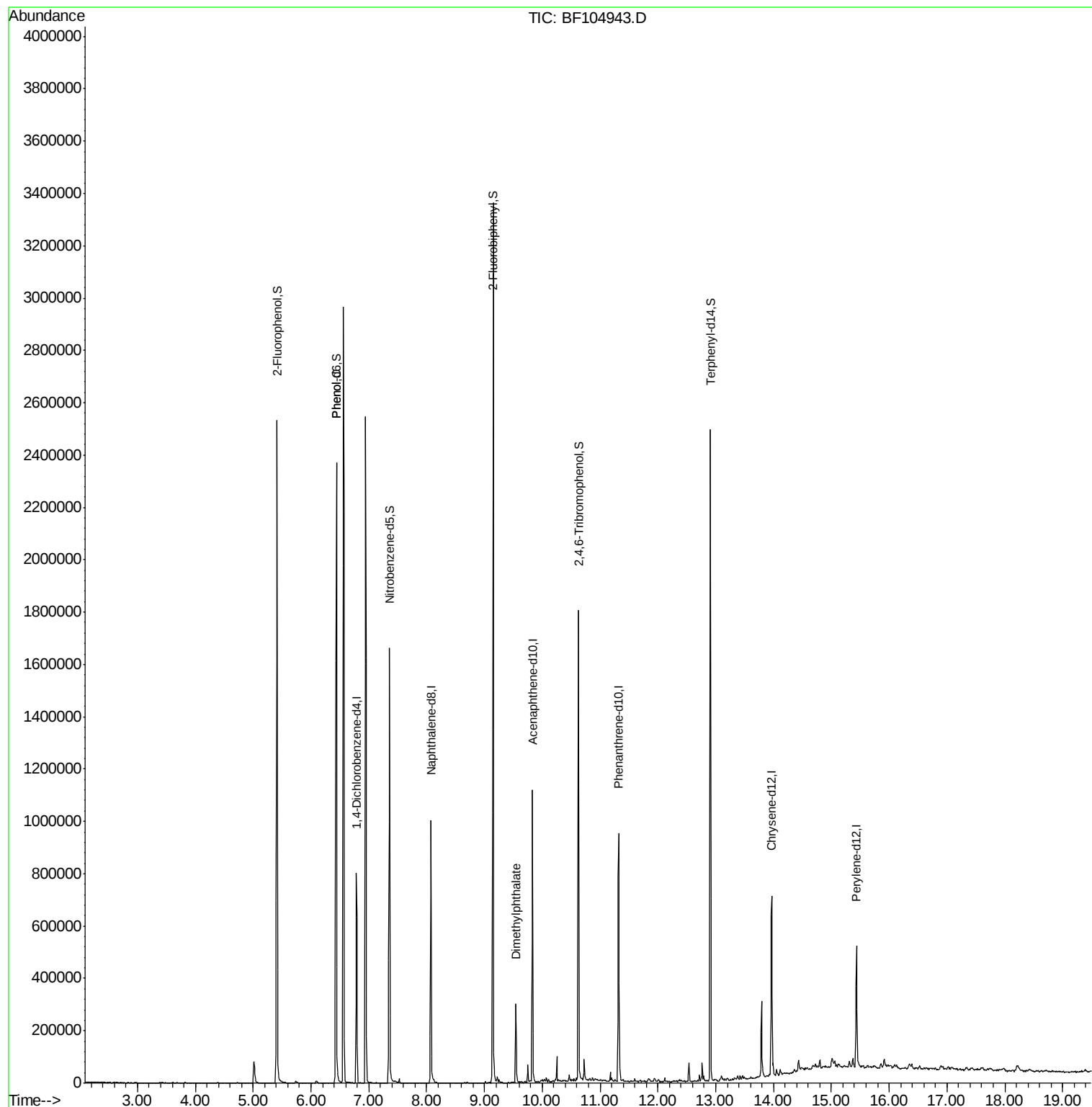
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119089	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	486269	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	216982	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	353547	20.00	ng	0.00
75) Chrysene-d12	13.97	240	232350	20.00	ng	0.00
86) Perylene-d12	15.43	264	207510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	883489	113.44	ng	0.01
7) Phenol-d6	6.44	99	1074521	112.29	ng	0.00
23) Nitrobenzene-d5	7.36	82	663118	89.05	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	250002	111.07	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1082588	78.82	ng	0.00
78) Terphenyl-d14	12.91	244	824774	80.93	ng	0.00
Target Compounds						
10) Phenol	6.45	94	24795	2.442	ng	91
49) Dimethylphthalate	9.55	163	129719	7.581	ng	98

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

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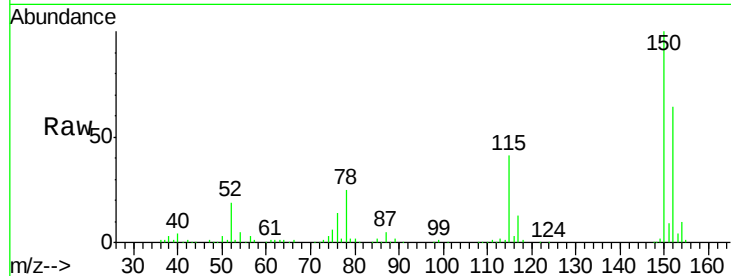


#1

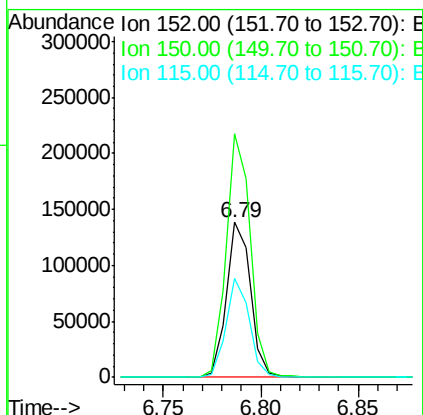
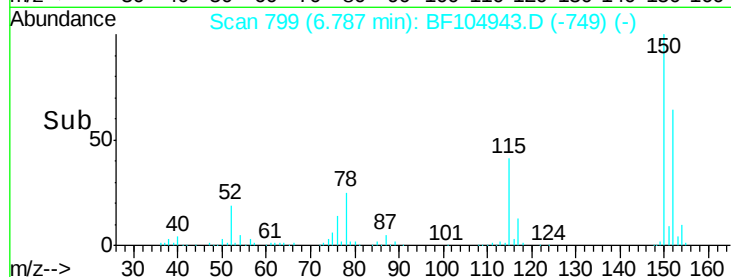
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-B

Tot Ion:152 Resp: 119089
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 63.9 50.1 75.1



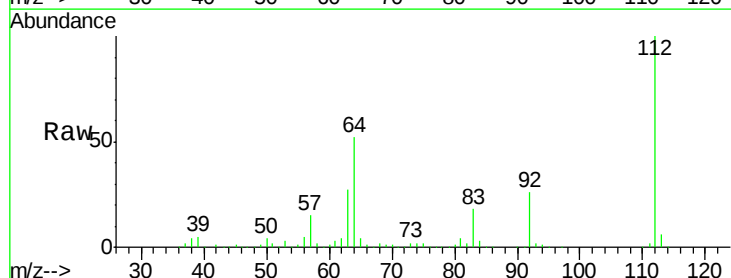
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



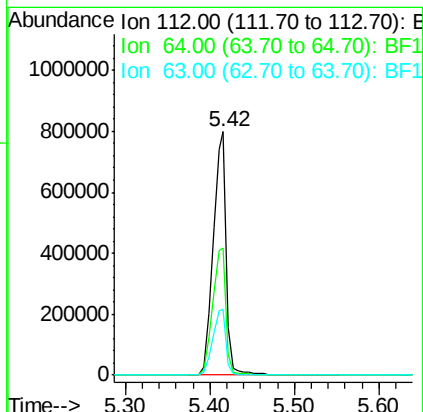
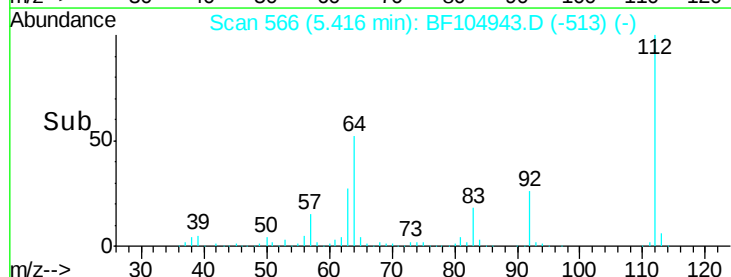
#5

2-Fluorophenol
Concen: 113.437 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Tgt Ion:112 Resp: 883489
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 26.8 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: 112.287 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-B

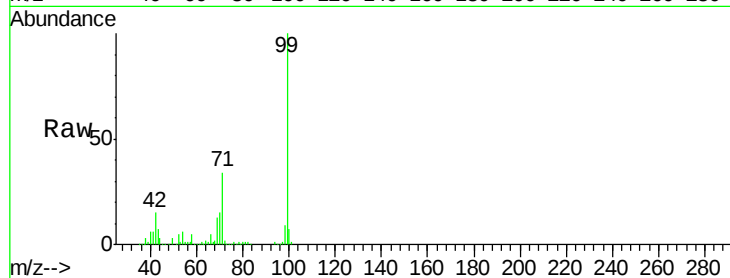
Tot Ion: 99 Resp: 1074521

Ion Ratio Lower Upper

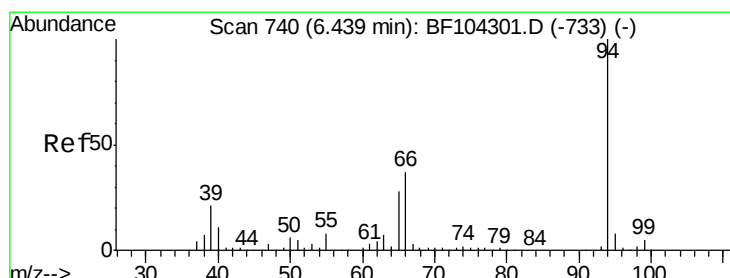
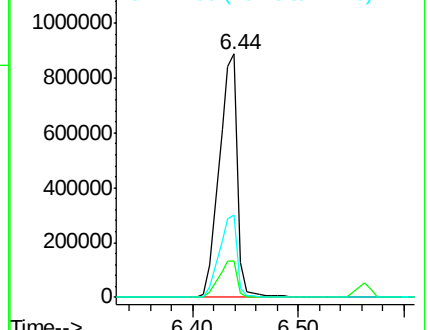
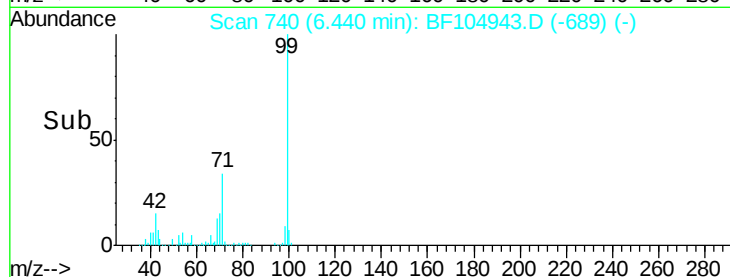
99 100

42 15.1 14.5 21.7

71 33.6 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



#10

Phenol

Concen: 2.442 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

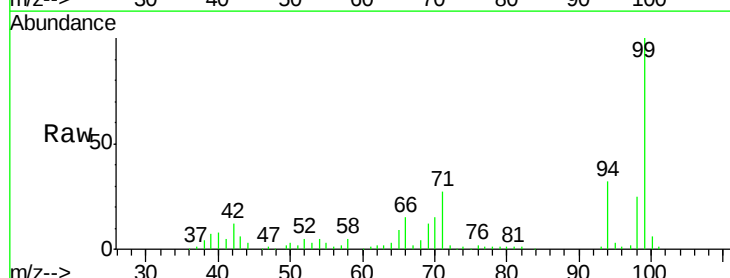
Tgt Ion: 94 Resp: 24795

Ion Ratio Lower Upper

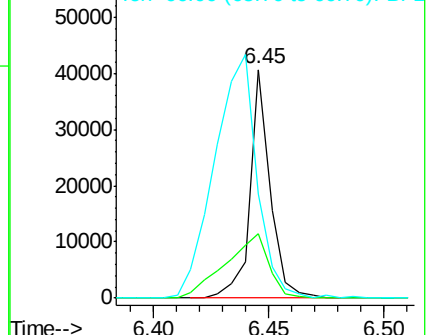
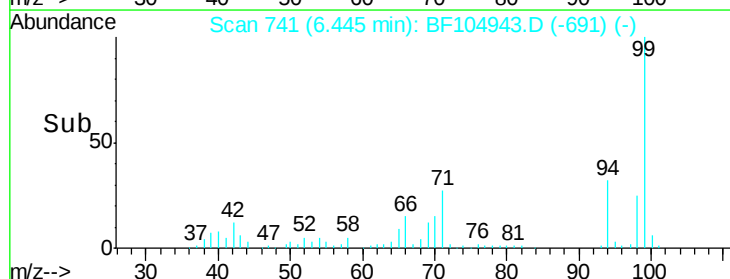
94 100

65 28.4 7.9 47.9

66 45.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

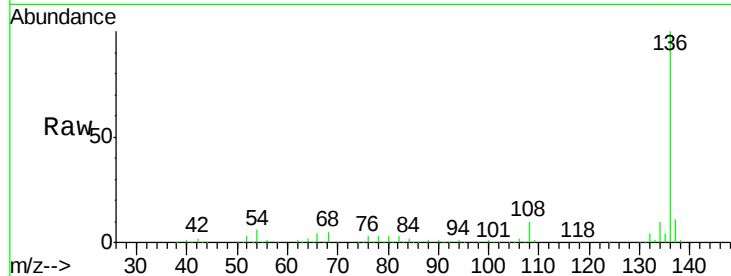




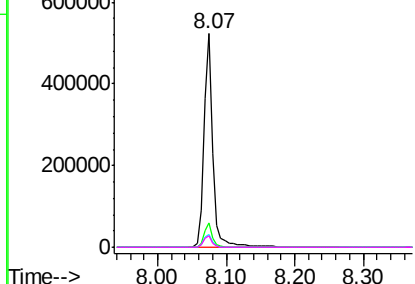
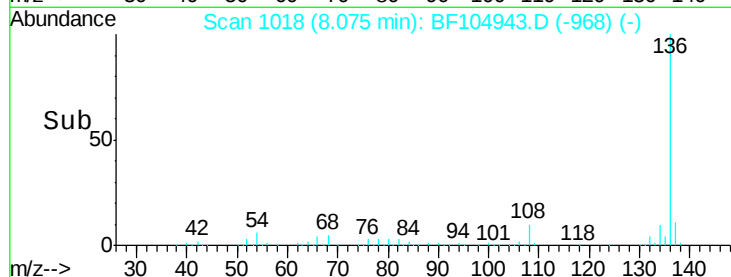
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-B

Tot Ion:136	Resp:	486269
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.1	6.6 9.8#
68	5.2	5.0 7.4

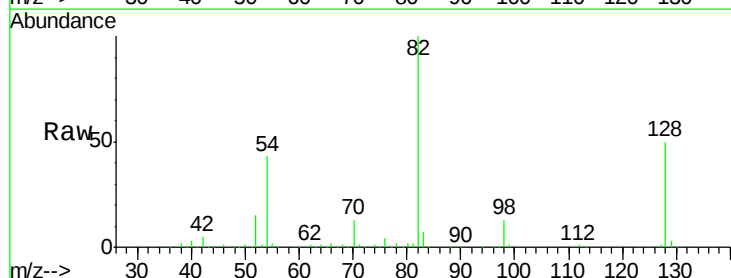


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

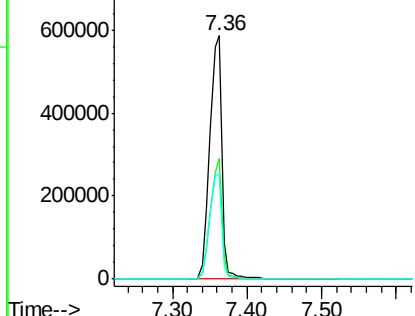
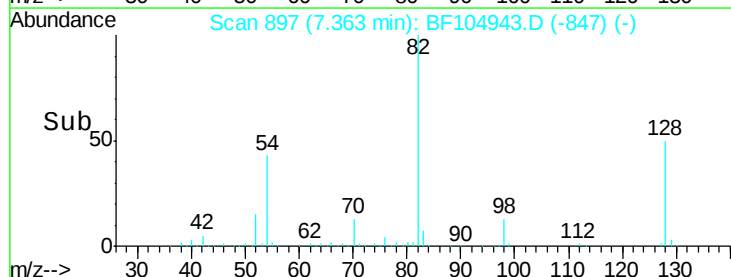


#23
Nitrobenzene-d5
Concen: 89.046 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Tgt Ion: 82	Resp:	663118
Ion Ratio	Lower	Upper
82	100	
128	49.7	36.1 54.1
54	42.9	41.4 62.2



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

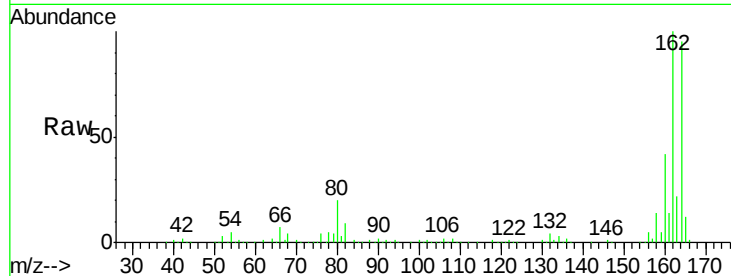




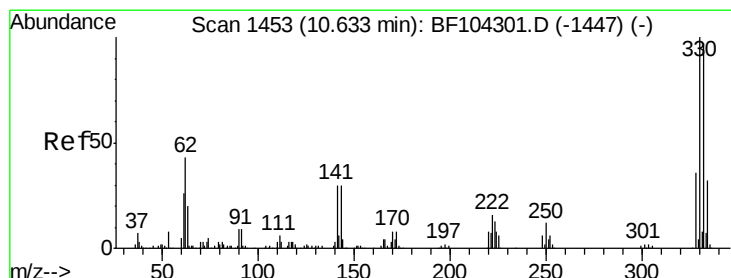
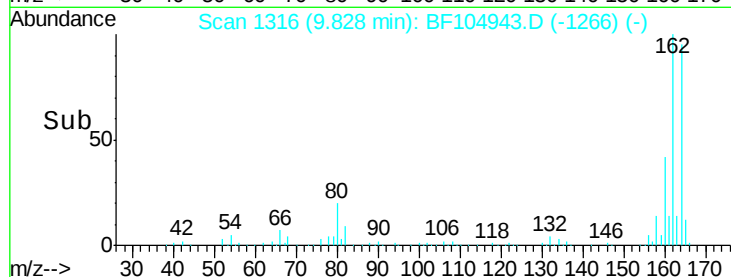
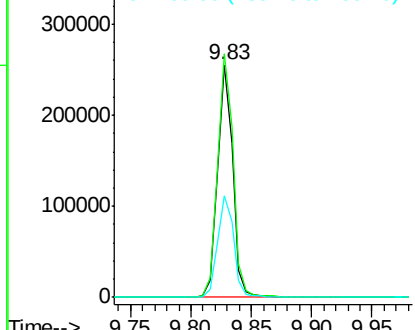
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-B

Tot Ion:164 Resp: 216982
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 43.8 38.3 57.5

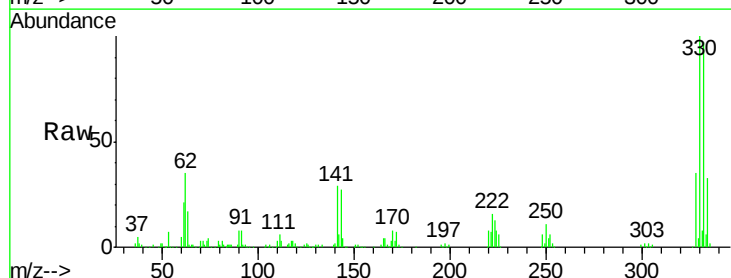


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

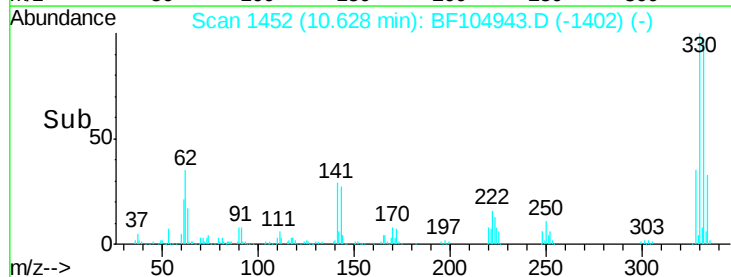
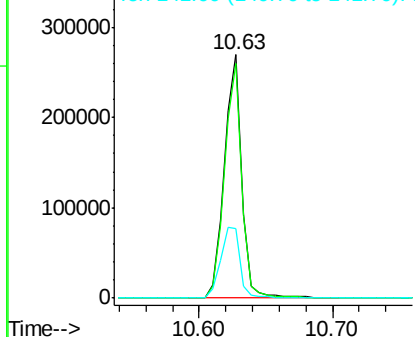


#41
2,4,6-Tribromophenol
Concen: 111.072 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Tgt Ion:330 Resp: 250002
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 32.9 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

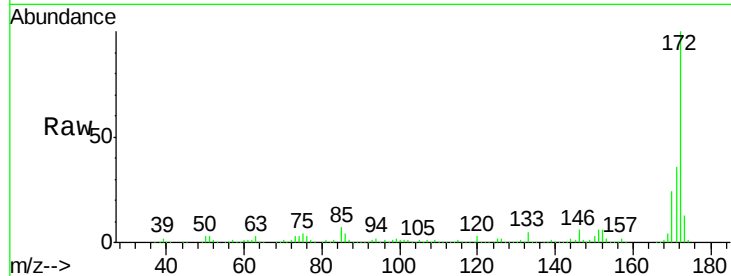




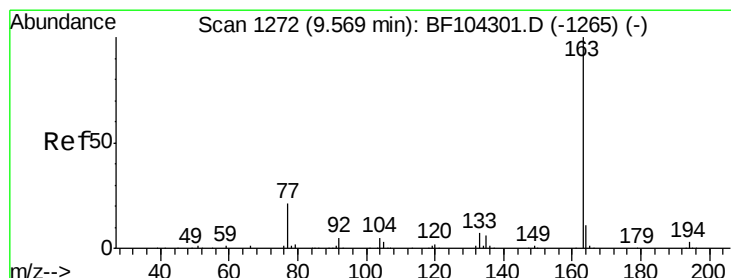
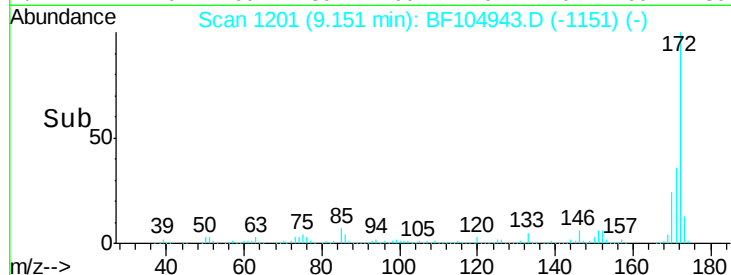
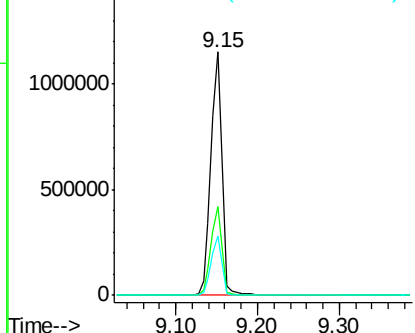
#44
2-Fluorobiphenyl
Concen: 78.819 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-B

Tot Ion:172 Resp: 1082588
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.3 19.6 29.4

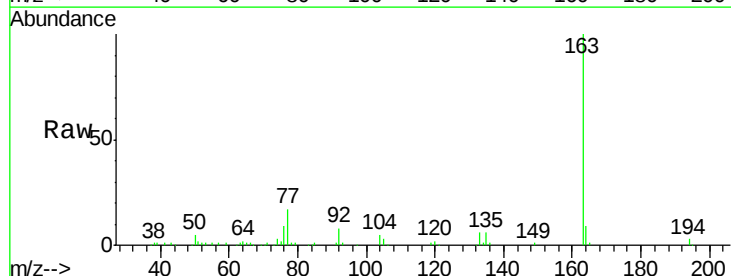


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

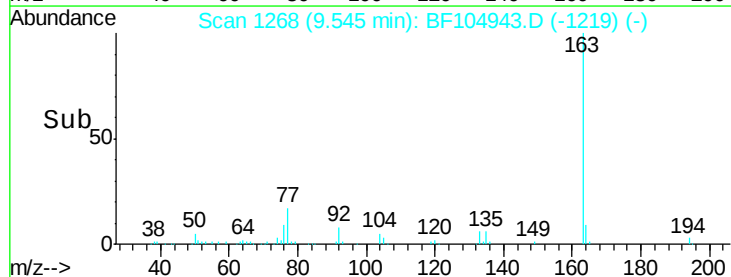
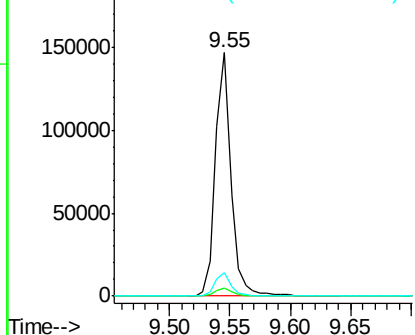


#49
Dimethylphthalate
Concen: 7.581 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Tgt Ion:163 Resp: 129719
Ion Ratio Lower Upper
163 100
194 3.3 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

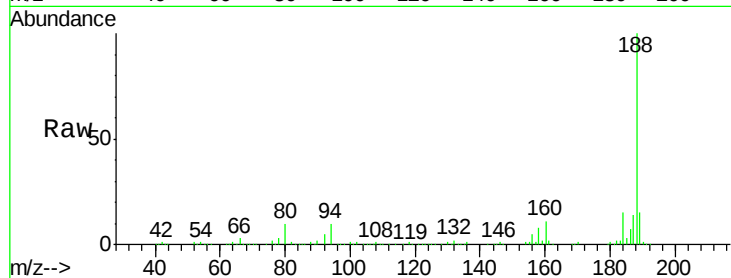




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-B

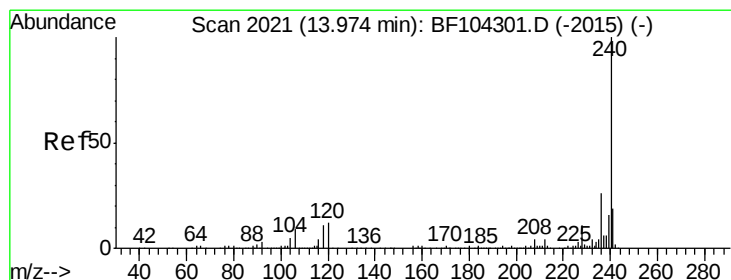
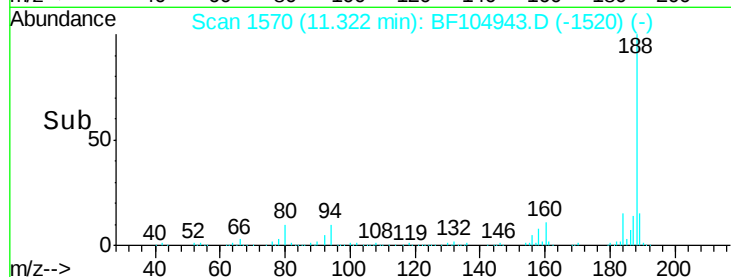
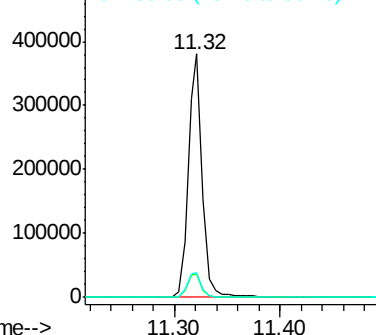
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

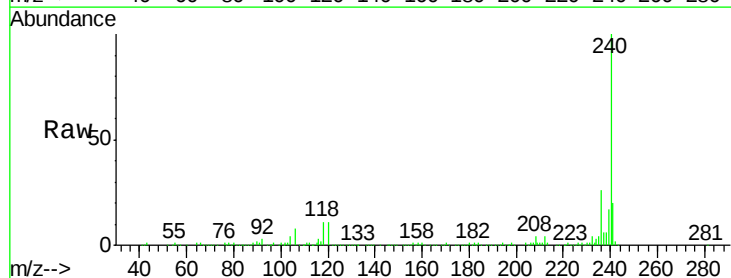
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

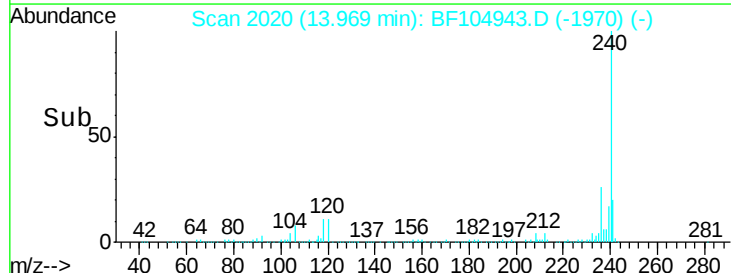
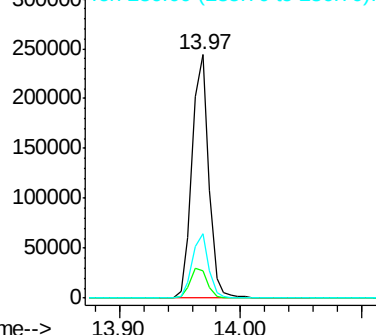
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.2	20.7	31.1



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: 80.927 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-B

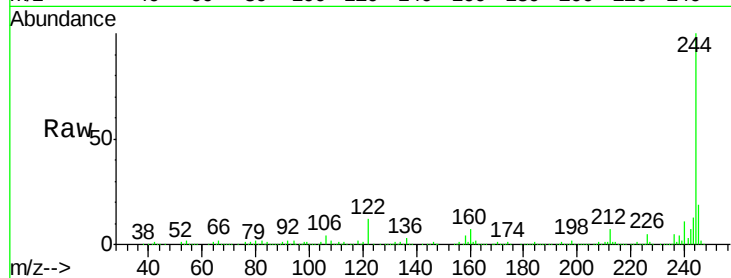
Tot Ion:244 Resp: 824774

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

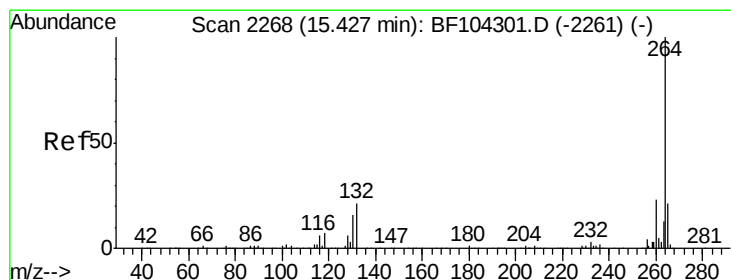
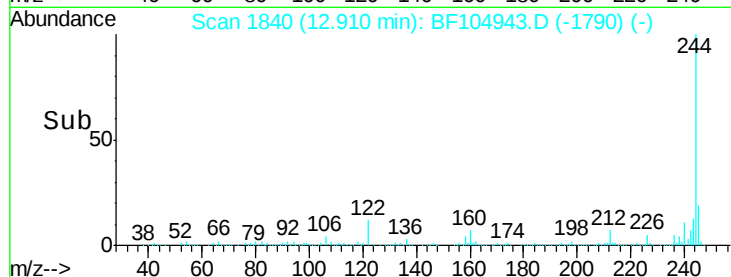
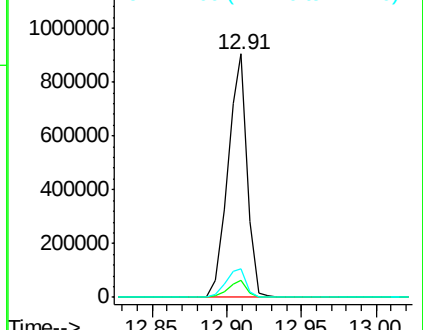
122 11.6 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

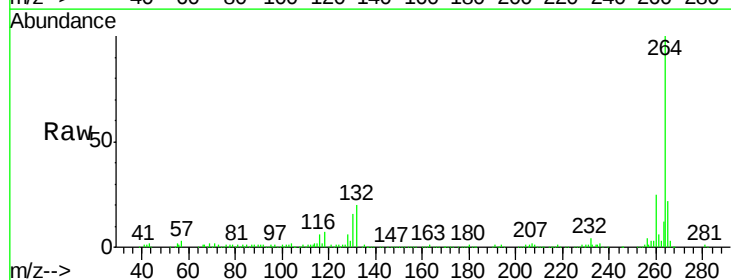
Tgt Ion:264 Resp: 207510

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.5 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

