

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102074.D
 Acq On : 15 Jan 2018 20:27
 Operator : SJ/JU
 Sample : J1117-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0

Quant Time: Jan 16 00:47:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

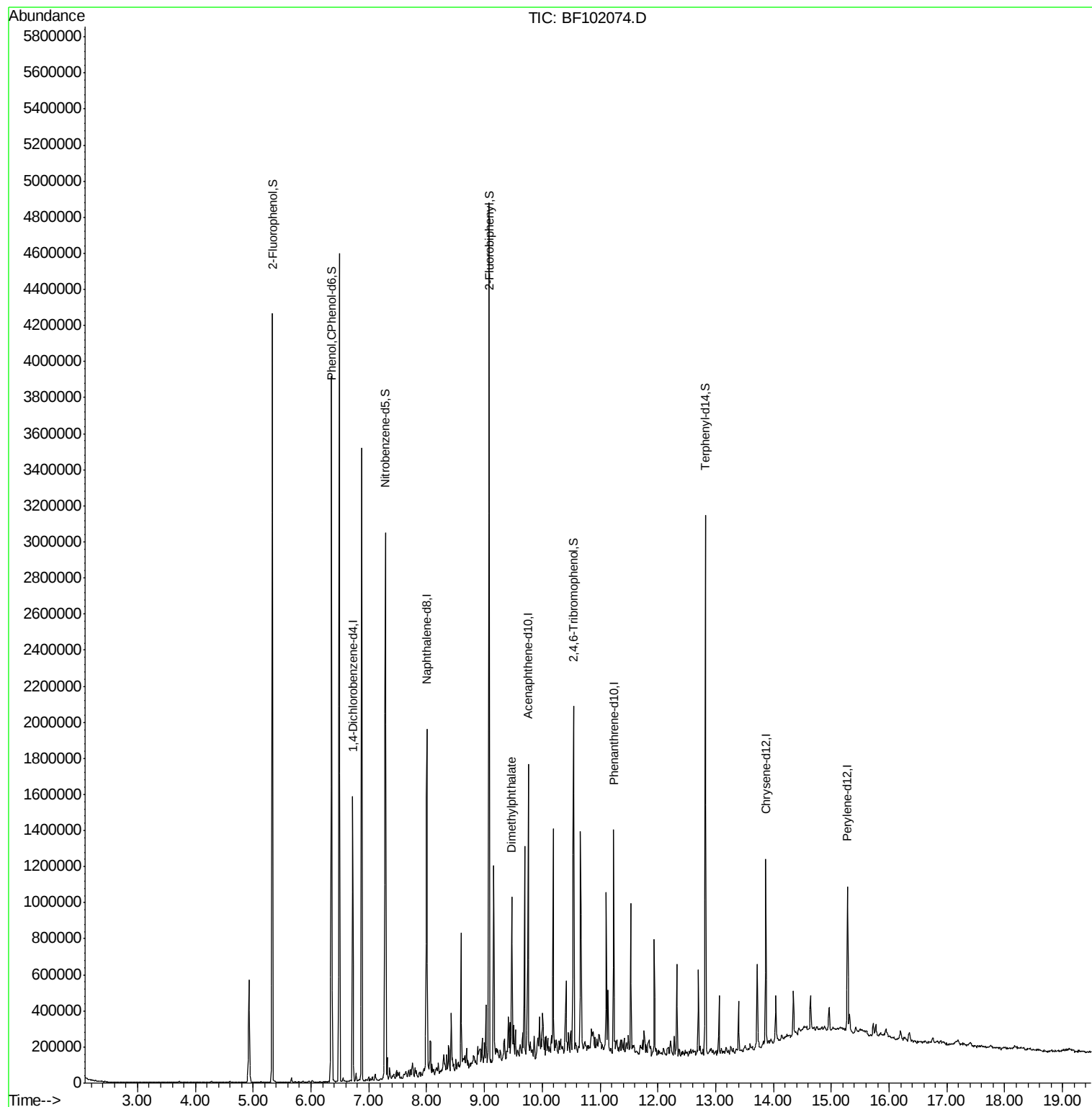
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	205577	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	815203	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	307977	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	433145	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	361412	20.00	ng	-0.01
86) Perylene-d12	15.28	264	355583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1323219	90.89	ng	0.00
7) Phenol-d6	6.36	99	1611177	92.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	1026587	74.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	212002	78.88	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1469944	74.57	ng	-0.01
78) Terphenyl-d14	12.82	244	952553	54.72	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	45049	2.295	ng	96
49) Dimethylphthalate	9.47	163	208523	8.440	ng	99

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

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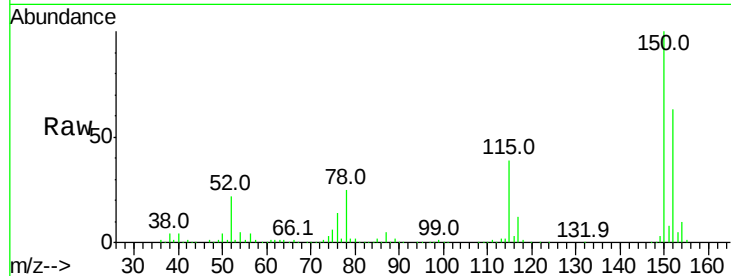


#1

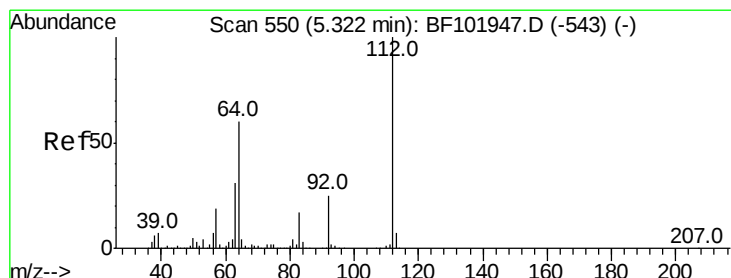
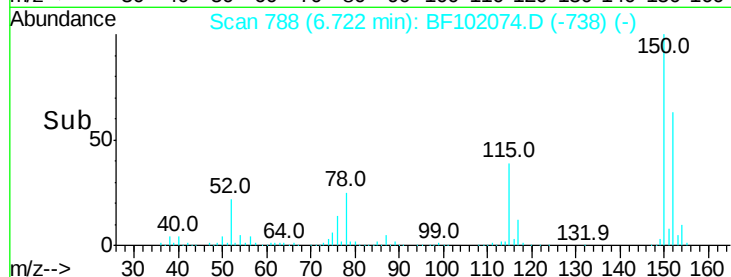
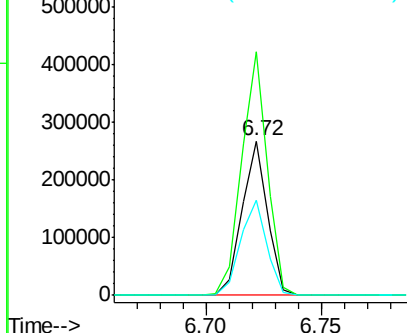
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102074.D
Acq: 15 Jan 2018 20:27

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0

Tot Ion:152 Resp: 205577
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 61.8 50.1 75.1



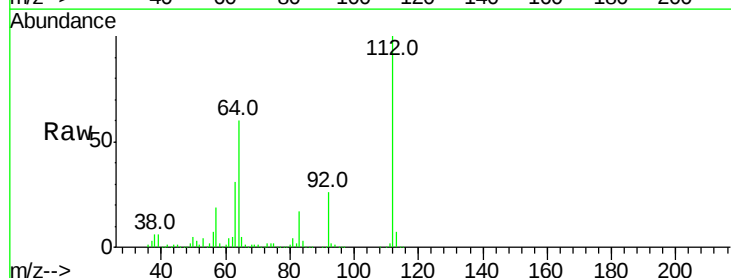
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



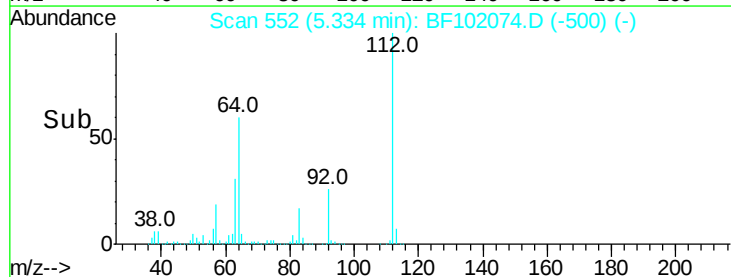
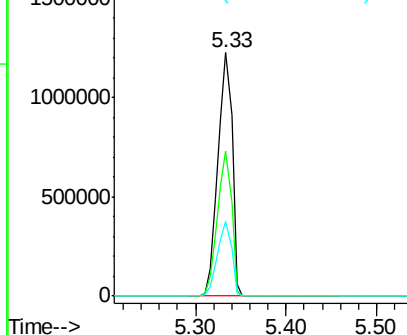
#5

2-Fluorophenol
Concen: 90.890 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102074.D
Acq: 15 Jan 2018 20:27

Tgt Ion:112 Resp: 1323219
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.7 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: 92.758 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102074.D

Acq: 15 Jan 2018 20:27

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0

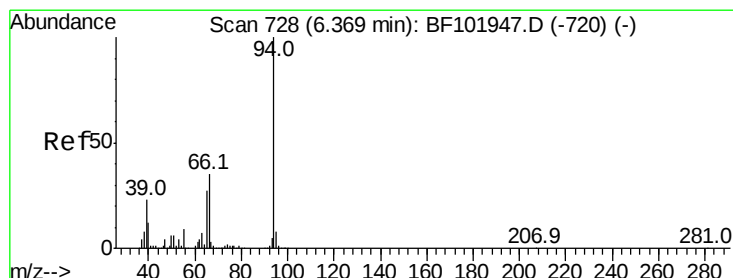
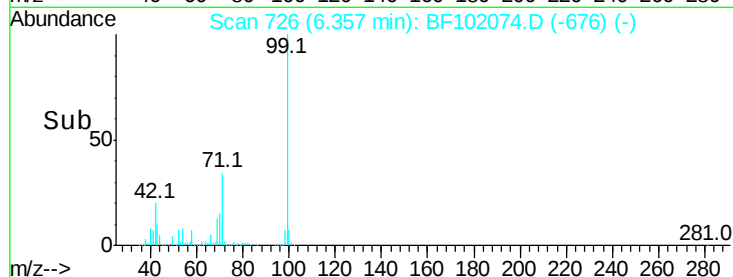
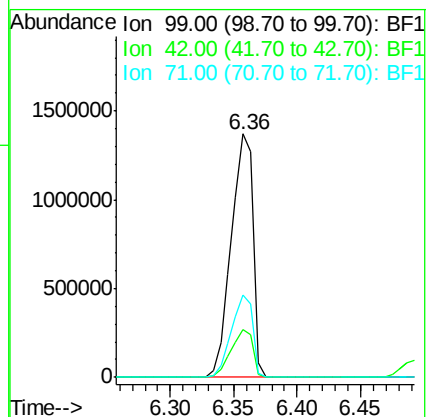
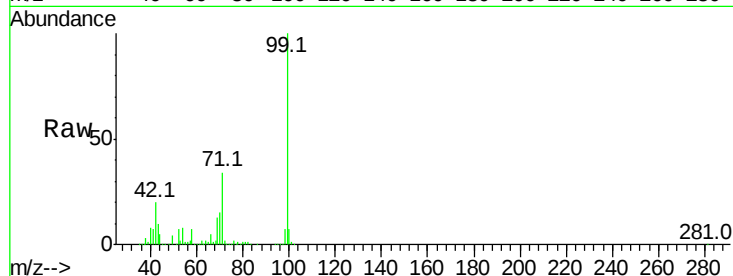
Tot Ion: 99 Resp: 1611177

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 2.295 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102074.D

Acq: 15 Jan 2018 20:27

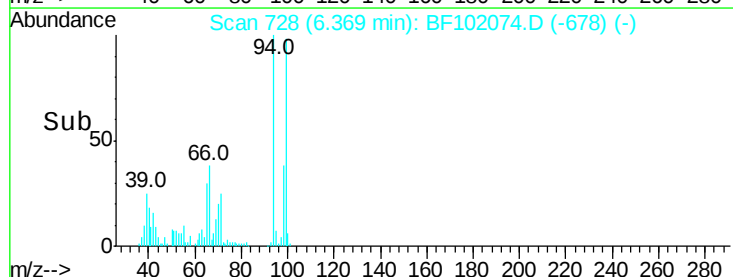
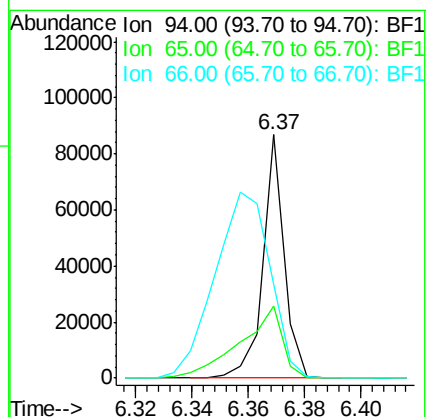
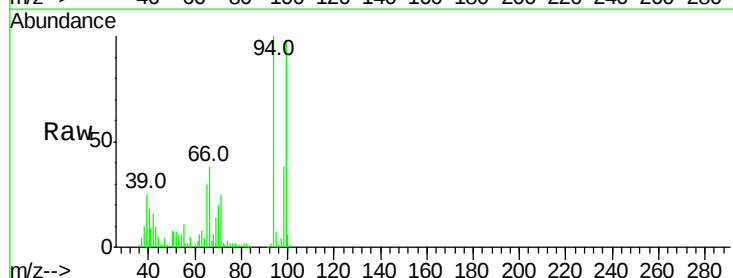
Tgt Ion: 94 Resp: 45049

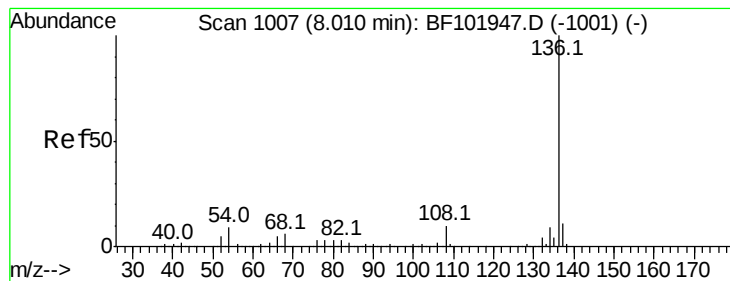
Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

66 38.4 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102074.D

Acq: 15 Jan 2018 20:27

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0

Tot Ion:136 Resp: 815203

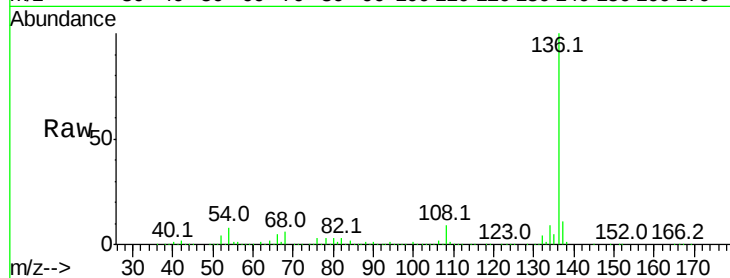
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 6.6 9.8

68 5.7 5.0 7.4

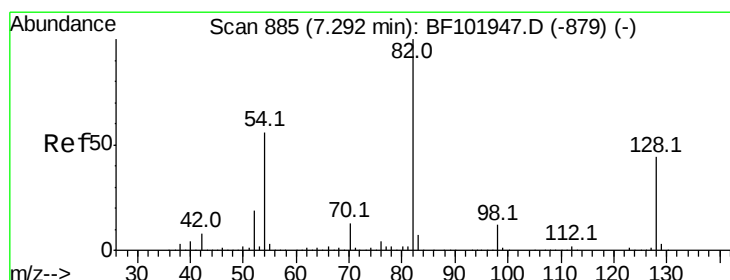
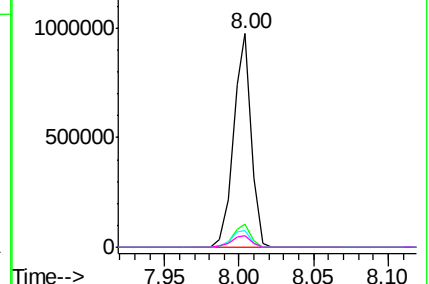
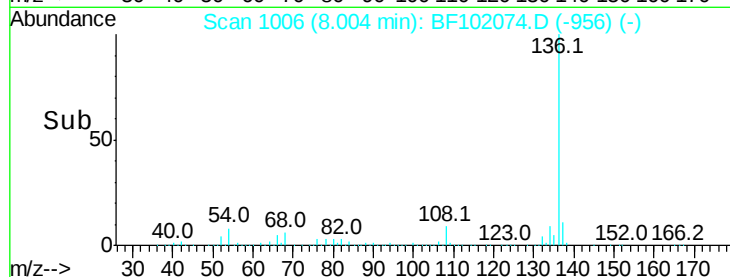


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.002 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102074.D

Acq: 15 Jan 2018 20:27

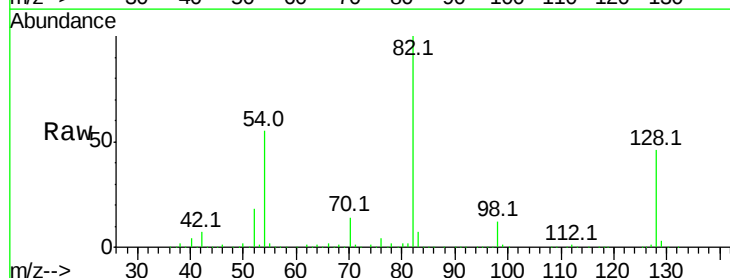
Tgt Ion: 82 Resp: 1026587

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

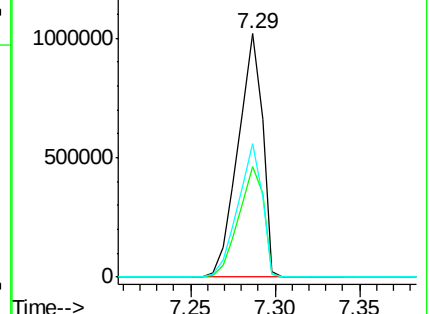
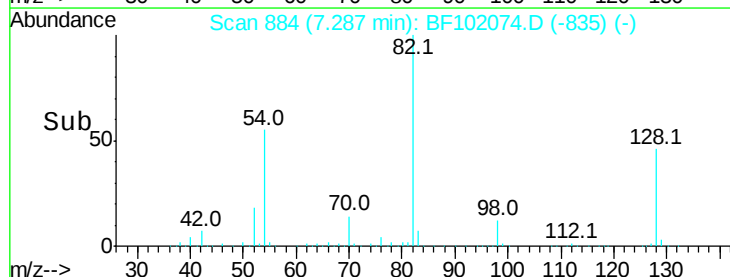
54 54.9 41.4 62.2

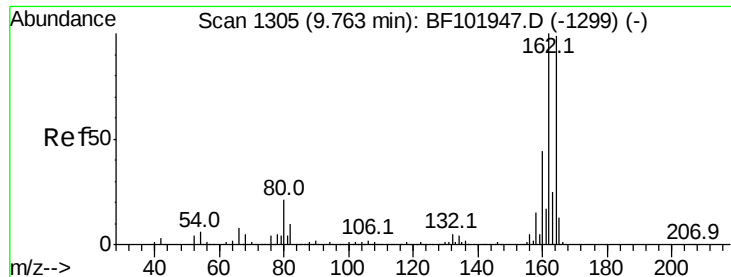


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

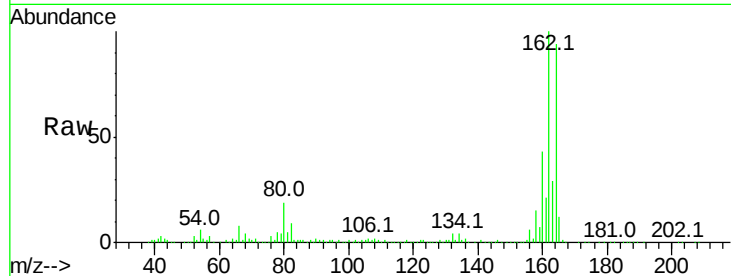




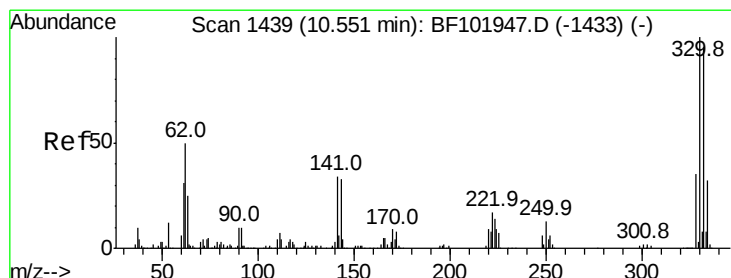
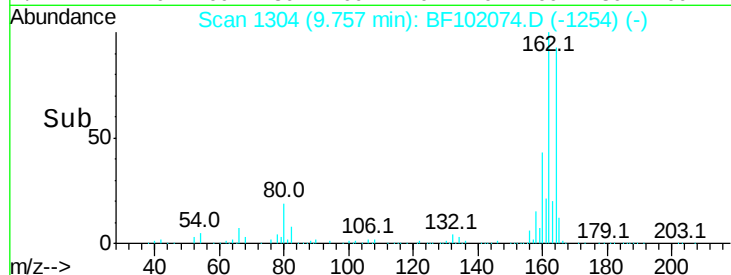
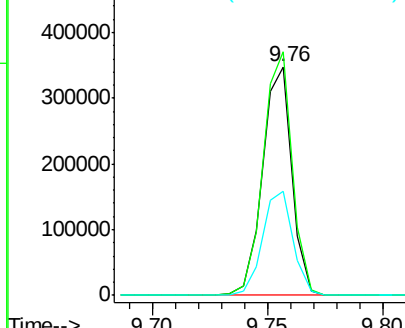
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102074.D
 Acq: 15 Jan 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0

Tot Ion:164 Resp: 307977
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 45.5 38.3 57.5

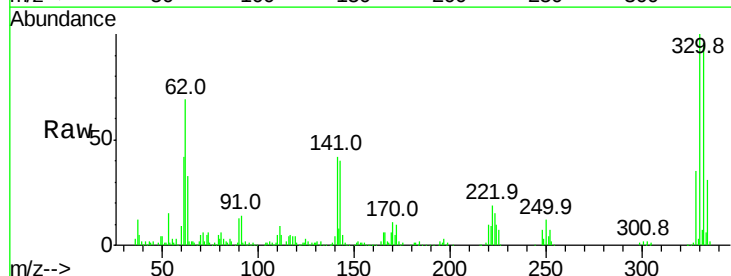


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

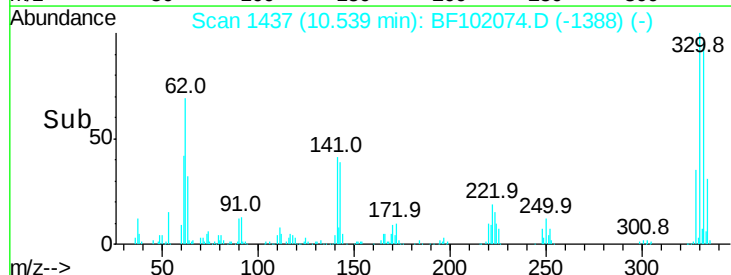
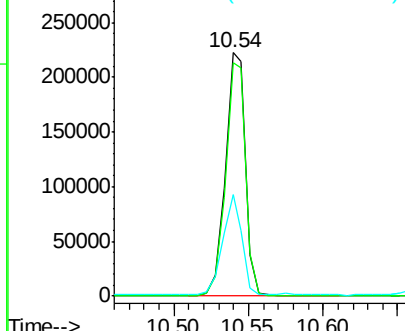


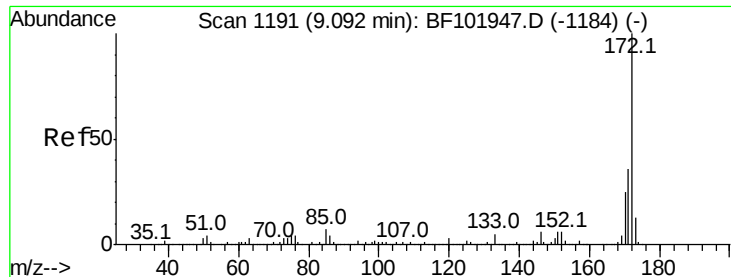
#41
 2,4,6-Tribromophenol
 Concen: 78.879 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102074.D
 Acq: 15 Jan 2018 20:27

Tgt Ion:330 Resp: 212002
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 38.8 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



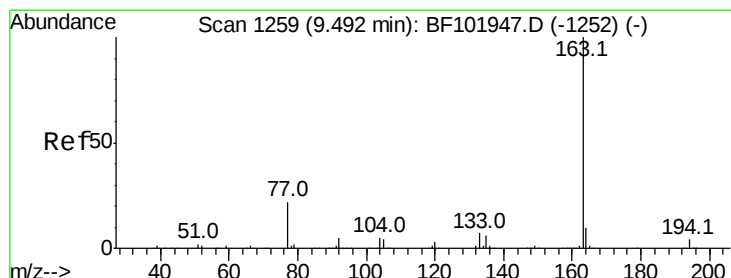
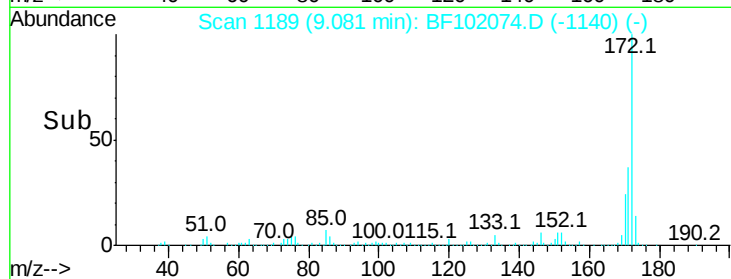
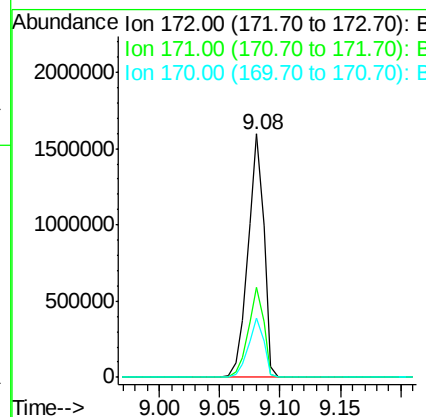
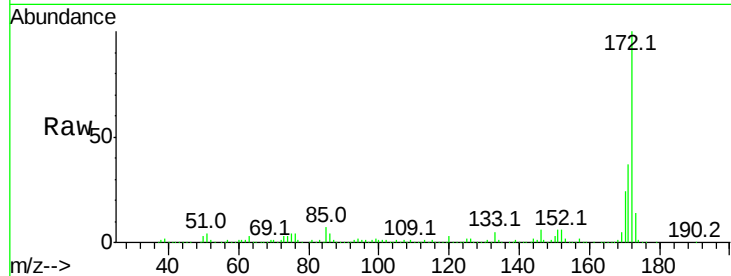


#44
2-Fluorobiphenyl
Concen: 74.566 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102074.D
Acq: 15 Jan 2018 20:27

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0

Tot Ion:172 Resp: 1469944

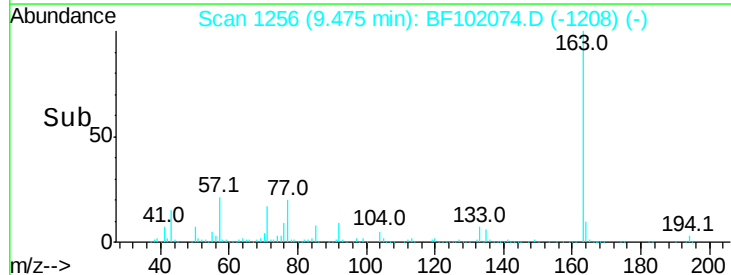
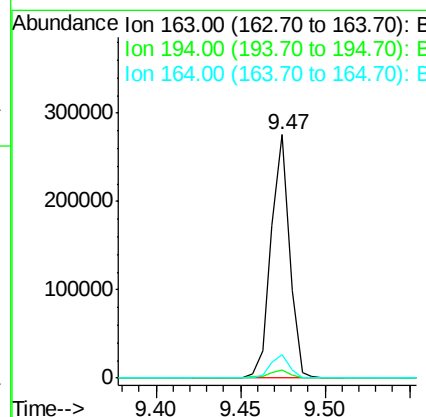
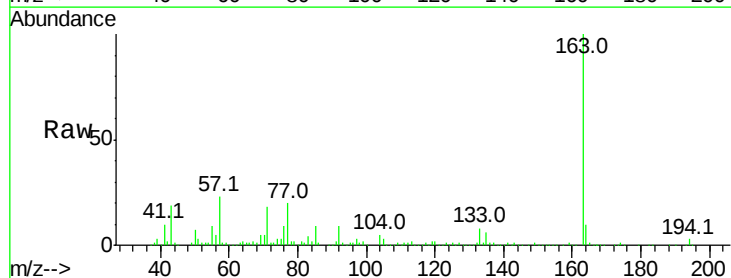
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.4	19.6	29.4

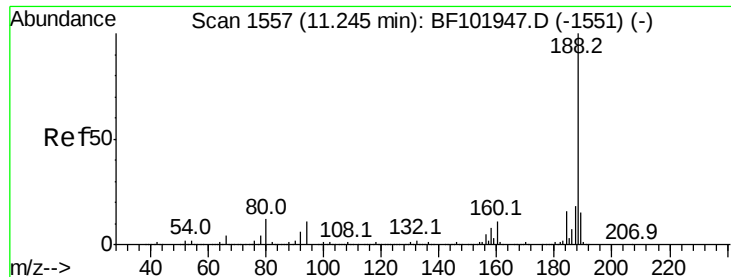


#49
Dimethylphthalate
Concen: 8.440 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102074.D
Acq: 15 Jan 2018 20:27

Tgt Ion:163 Resp: 208523

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102074.D

Acq: 15 Jan 2018 20:27

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0

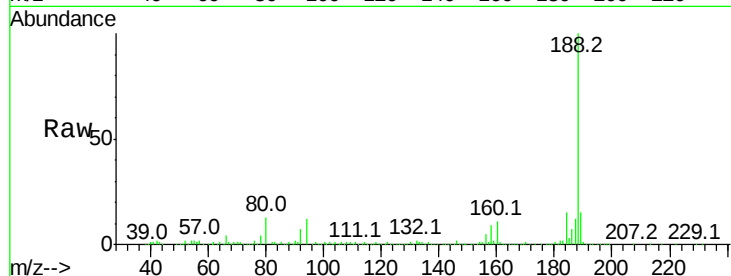
Tot Ion:188 Resp: 433145

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

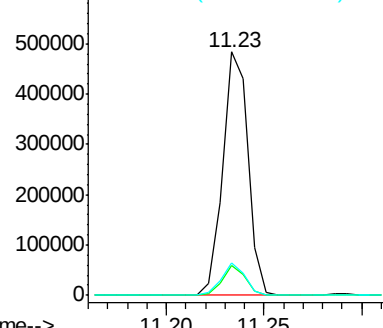
80 13.1 9.2 13.8



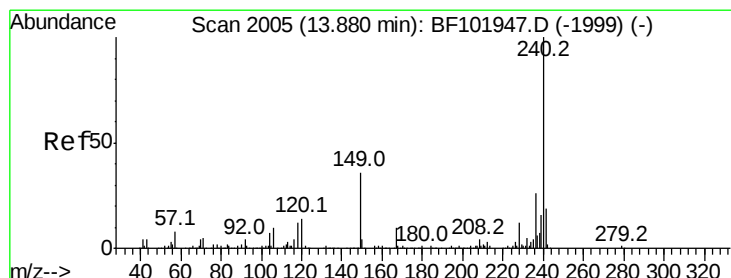
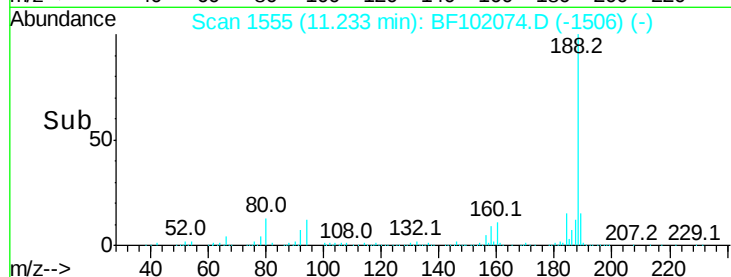
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102074.D

Acq: 15 Jan 2018 20:27

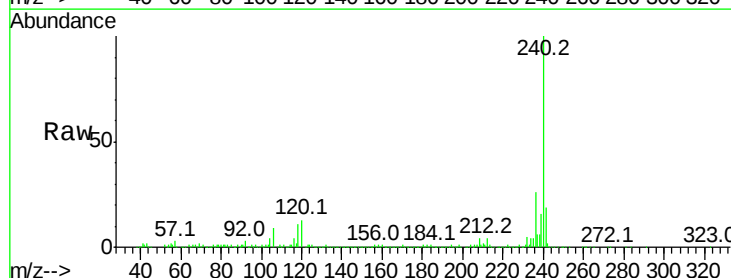
Tgt Ion:240 Resp: 361412

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

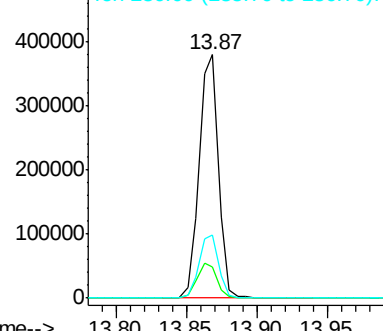
236 26.1 20.7 31.1



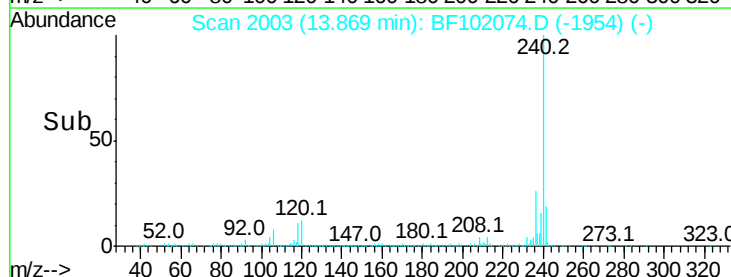
Abundance Ion 240.00 (239.70 to 240.70): E

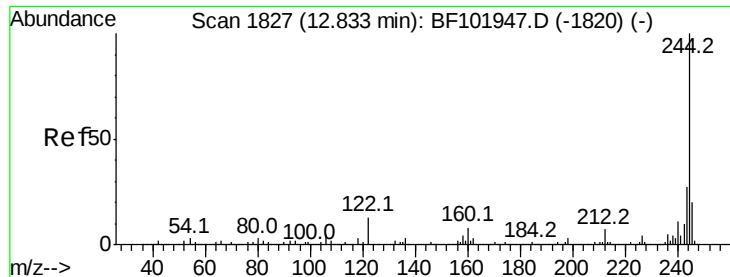
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

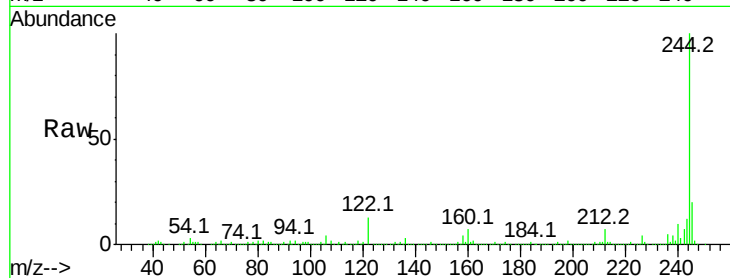




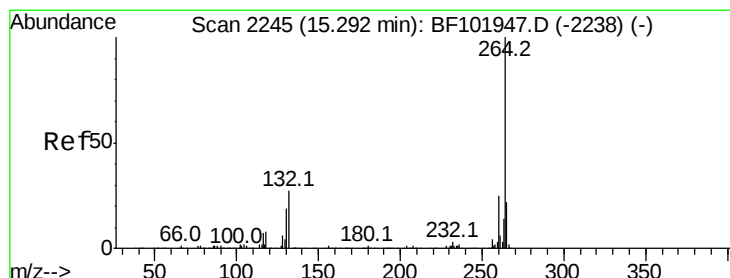
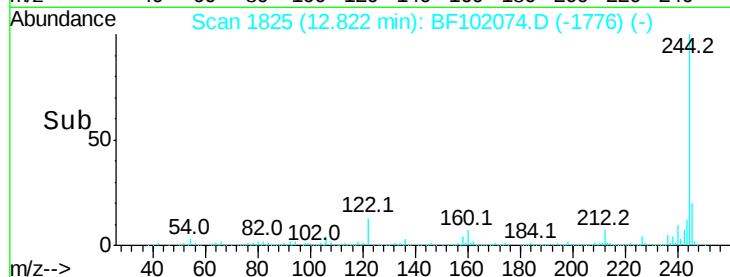
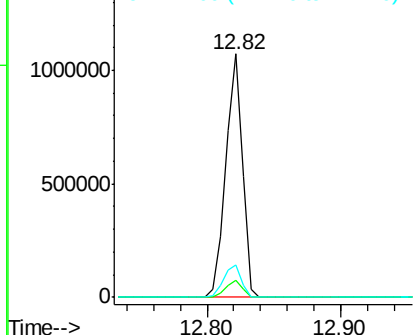
#78
 Terphenyl-d14
 Concen: 54.723 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102074.D
 Acq: 15 Jan 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0

Tot Ion:244 Resp: 952553
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4

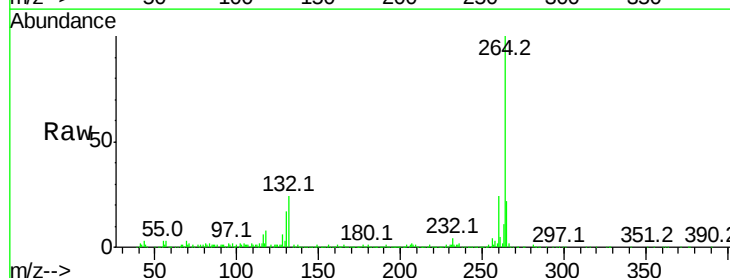


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102074.D
 Acq: 15 Jan 2018 20:27

Tgt Ion:264 Resp: 355583
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 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

