

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088583.D
 Acq On : 1 Jul 2016 19:15
 Operator : UM/SJ
 Sample : H3836-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-5

Quant Time: Jul 02 03:18:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

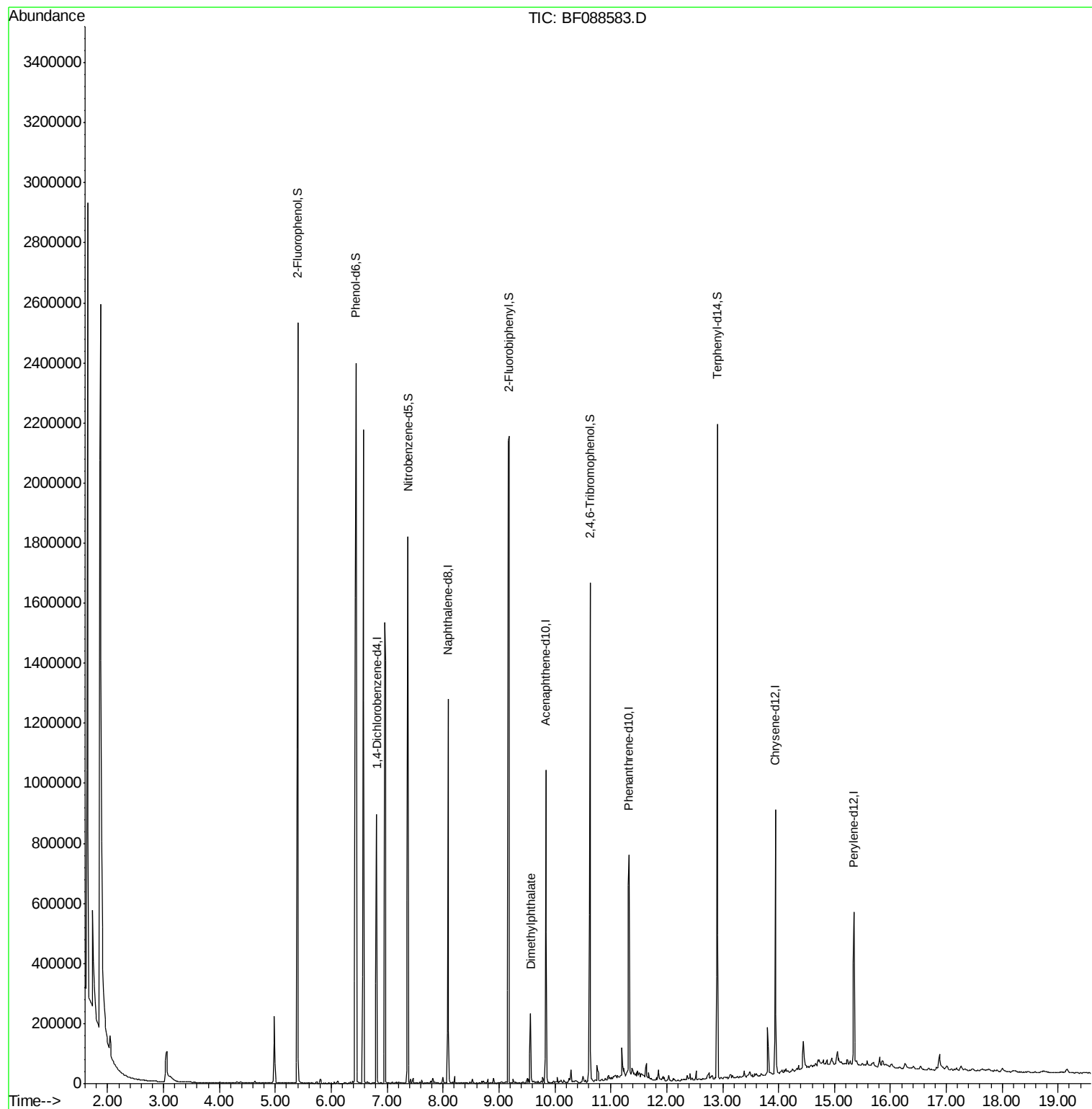
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	141203	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	525891	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	223958	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	374728	20.00	ng	0.00
75) Chrysene-d12	13.94	240	266283	20.00	ng	-0.01
86) Perylene-d12	15.35	264	232795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	727703	77.24	ng	0.00
7) Phenol-d6	6.44	99	1096307	90.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	616423	61.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	172325	82.86	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1079501	76.14	ng	0.00
78) Terphenyl-d14	12.90	244	643718	53.84	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	102869	6.45	ng	Qvalue 99

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

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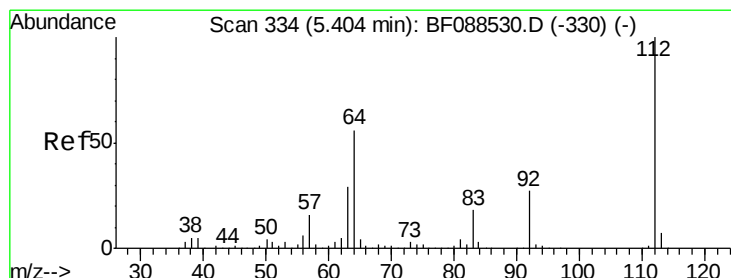
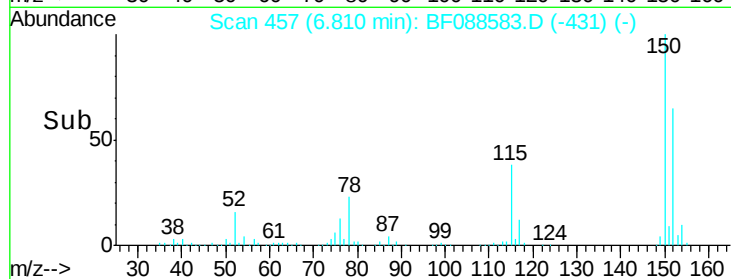
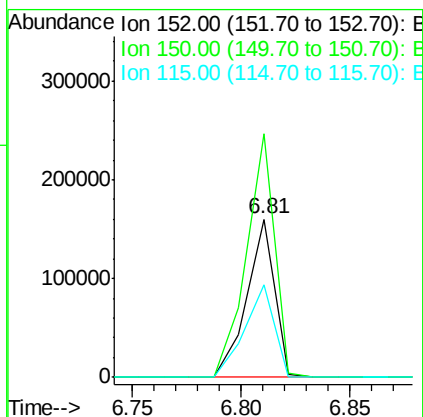
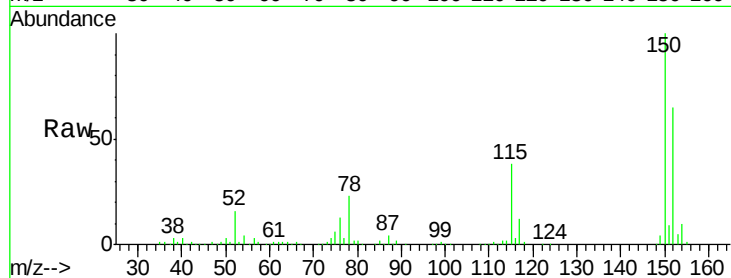


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088583.D
Acq: 1 Jul 2016 19:15

Instrument :
BNA_F
ClientSampleId :
C1.1-5

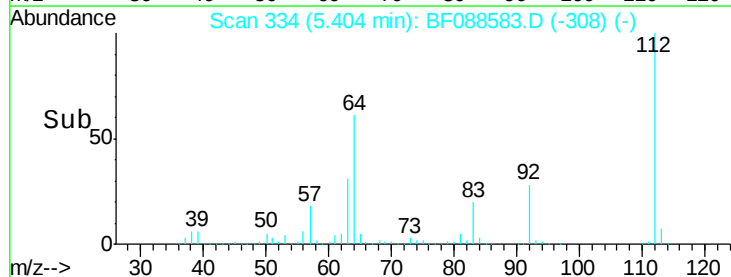
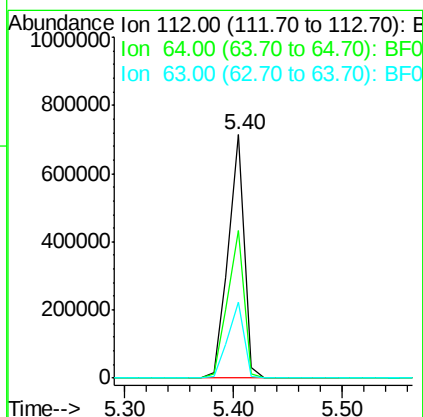
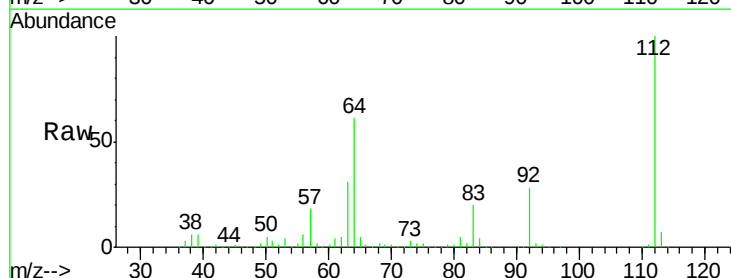
Tgt Ion:152 Resp: 141203
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 58.5 39.6 59.4



#5

2-Fluorophenol
Concen: 77.24 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088583.D
Acq: 1 Jul 2016 19:15

Tgt Ion:112 Resp: 727703
Ion Ratio Lower Upper
112 100
64 60.7 42.2 63.2
63 31.5 21.8 32.8





#7

Phenol-d6

Concen: 90.05 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Instrument :

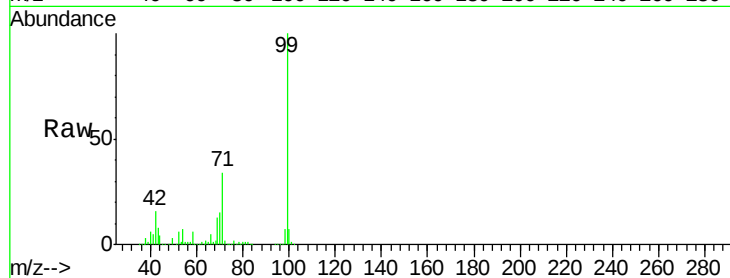
BNA_F

ClientSampleId :

C1.1-5

Tgt Ion: 99 Resp: 1096307

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.2
71	34.3	23.4	35.0

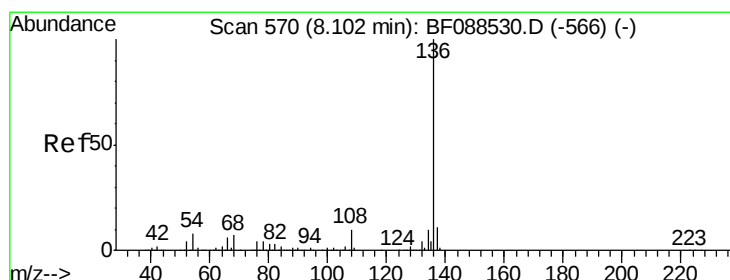
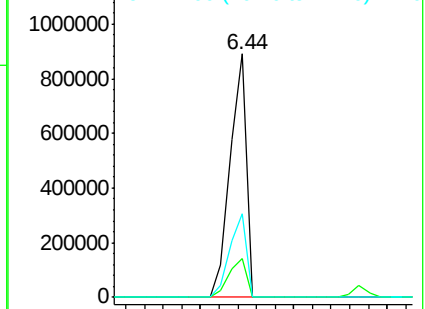
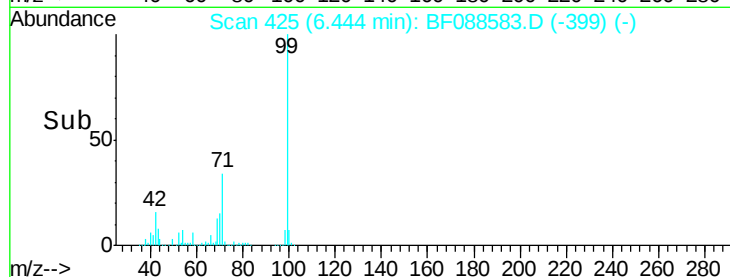


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

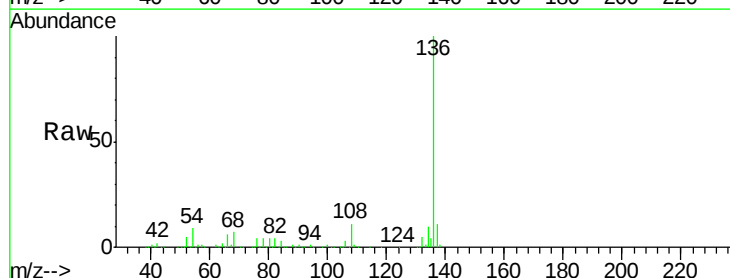
Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Tgt Ion: 136 Resp: 525891

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.0	6.6	10.0
68	7.4	5.1	7.7



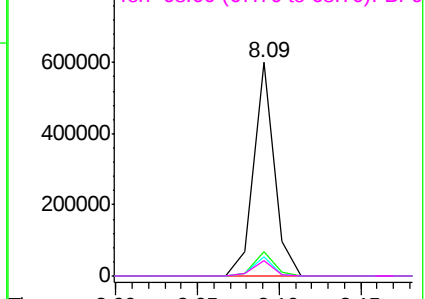
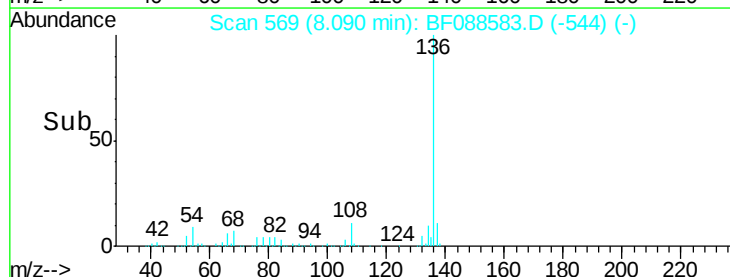
Abundance

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): BF0

Ion 68.00 (67.70 to 68.70): BF0

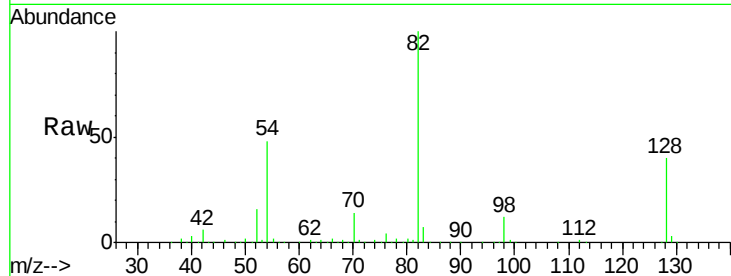




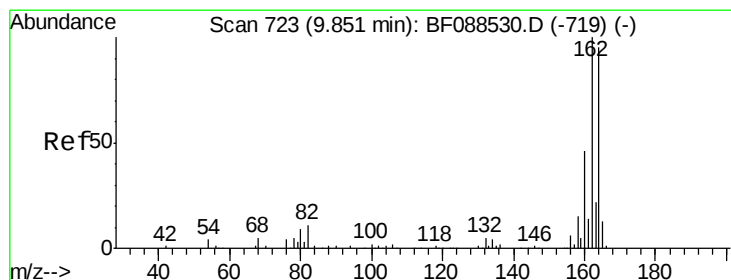
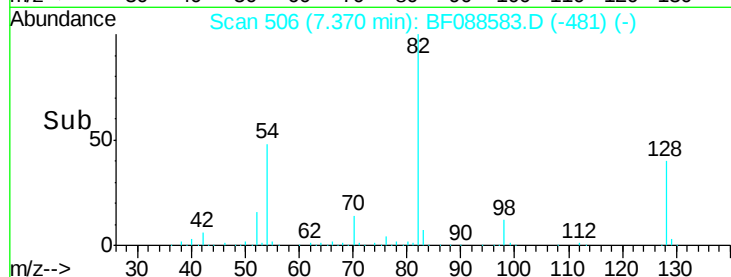
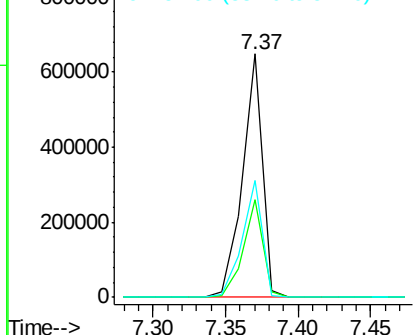
#23
 Nitrobenzene-d5
 Concen: 61.43 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088583.D
 Acq: 1 Jul 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-5

Tgt Ion: 82 Resp: 616423
 Ion Ratio Lower Upper
 82 100
 128 40.3 35.9 53.9
 54 48.2 40.9 61.3

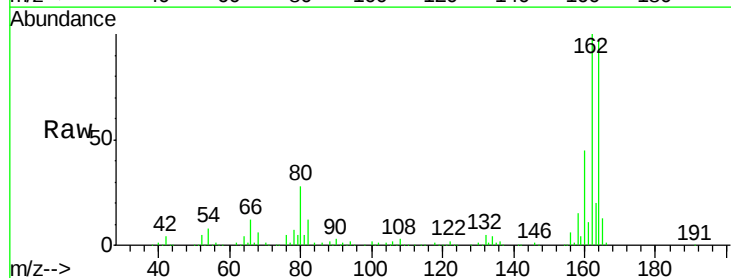


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

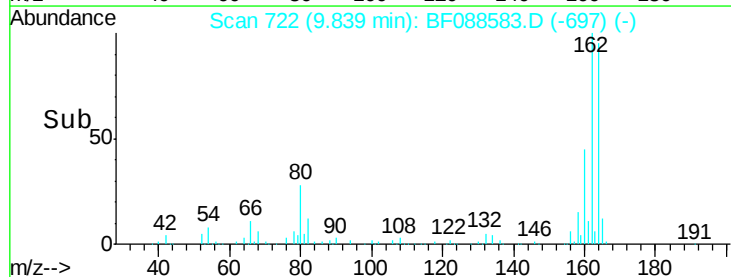
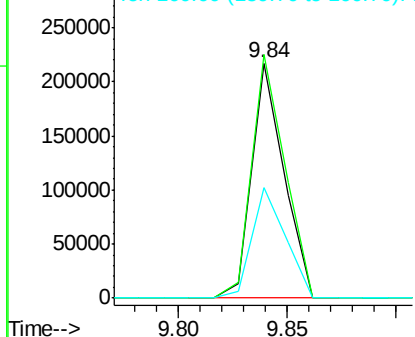


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088583.D
 Acq: 1 Jul 2016 19:15

Tgt Ion: 164 Resp: 223958
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.4 128.2
 160 46.7 39.5 59.3



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

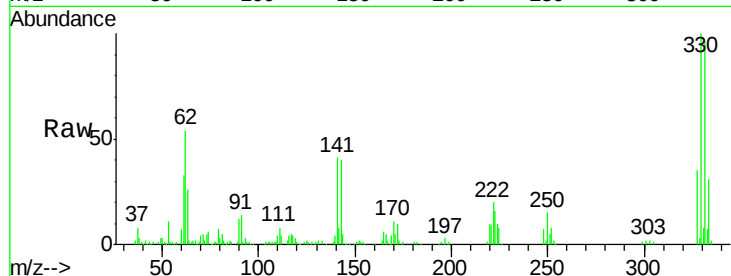




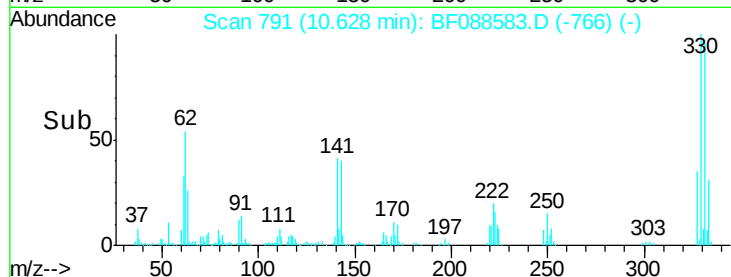
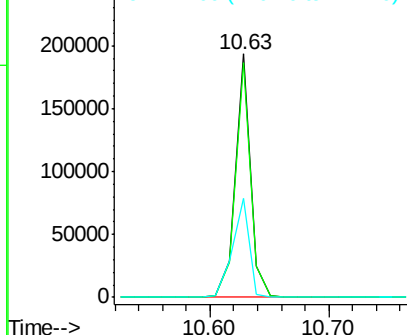
#41
 2,4,6-Tribromophenol
 Concen: 82.86 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088583.D
 Acq: 1 Jul 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-5

Tgt Ion: 330 Resp: 172325
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 44.8 0.0 0.0#

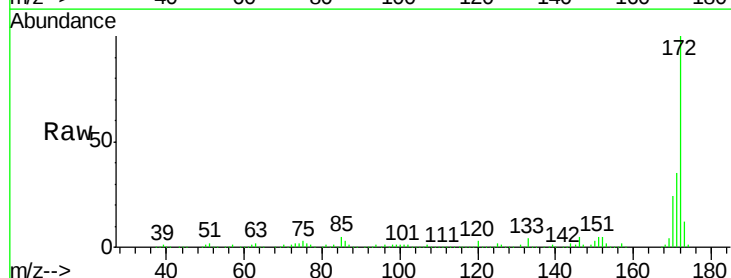


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

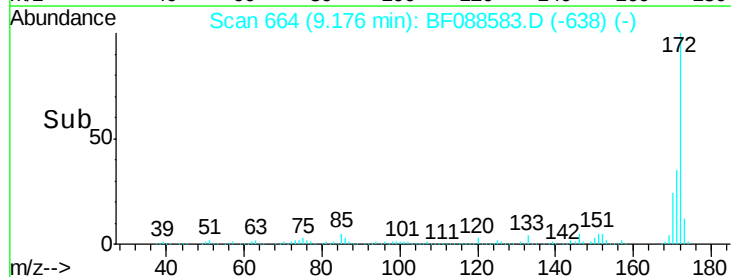
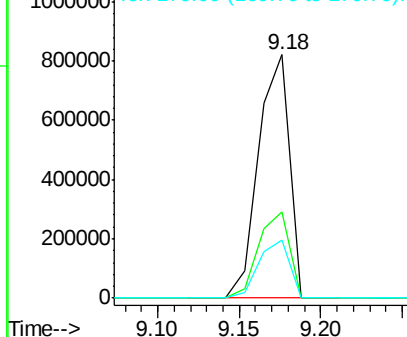


#44
 2-Fluorobiphenyl
 Concen: 76.14 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088583.D
 Acq: 1 Jul 2016 19:15

Tgt Ion: 172 Resp: 1079501
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.7 19.2 28.8



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: 6.45 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Instrument :

BNA_F

ClientSampleId :

C1.1-5

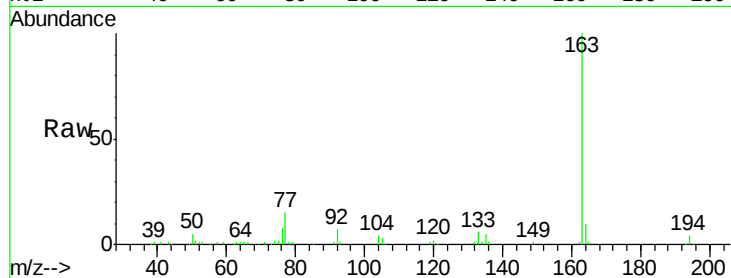
Tgt Ion:163 Resp: 102869

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

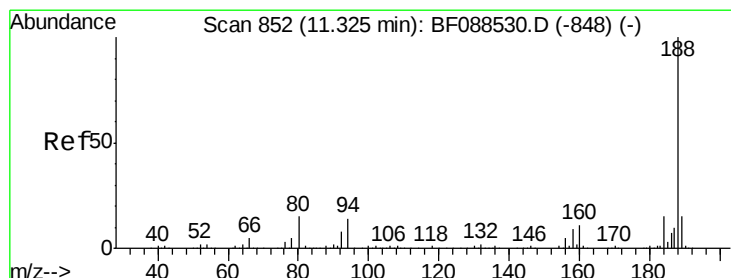
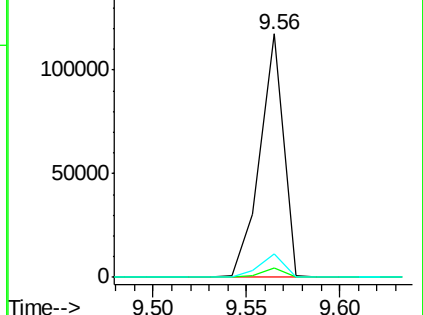
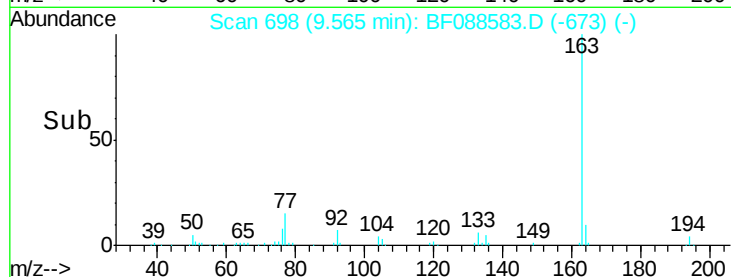
164 9.7 8.3 12.5



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: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

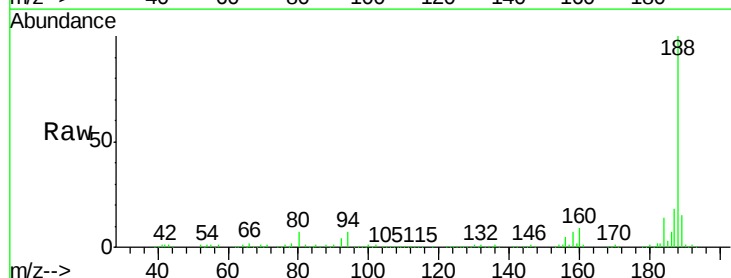
Tgt Ion:188 Resp: 374728

Ion Ratio Lower Upper

188 100

94 6.9 9.0 13.6#

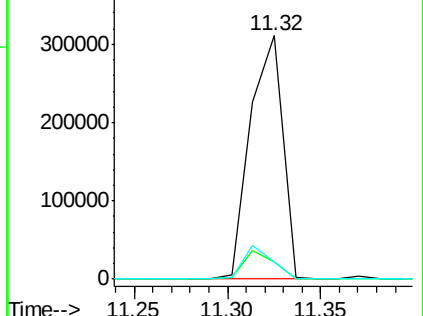
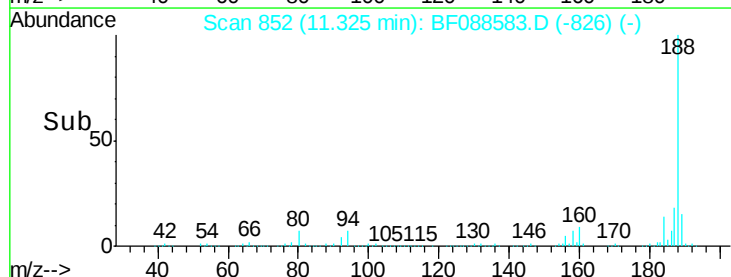
80 7.1 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Instrument :

BNA_F

ClientSampleId :

C1.1-5

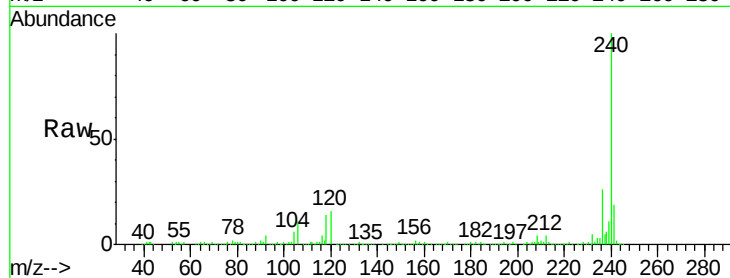
Tgt Ion:240 Resp: 266283

Ion Ratio Lower Upper

240 100

120 15.6 6.8 10.2#

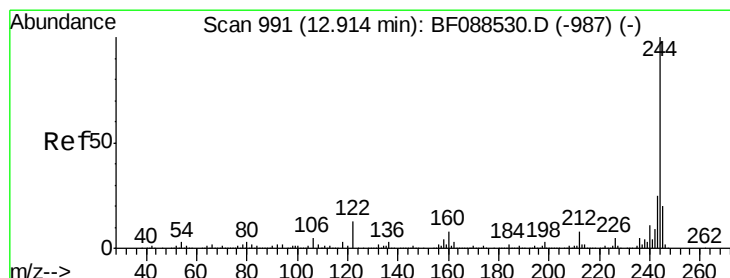
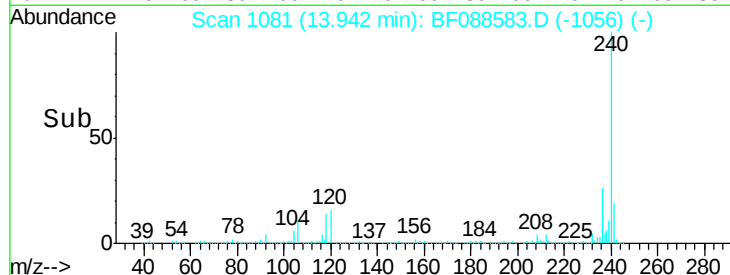
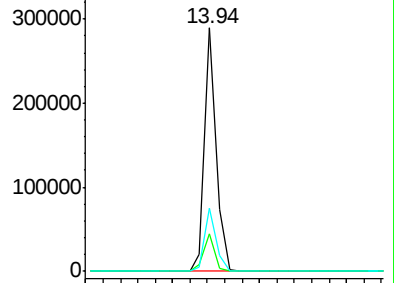
236 26.0 20.2 30.2



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: 53.84 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

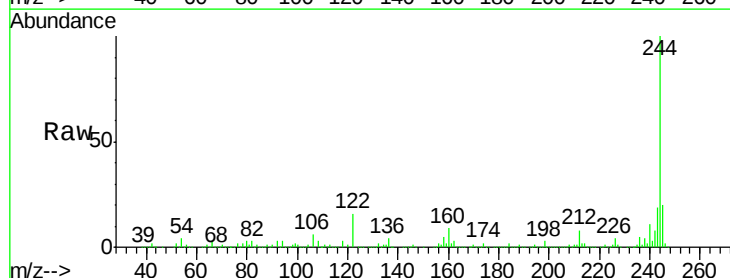
Tgt Ion:244 Resp: 643718

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

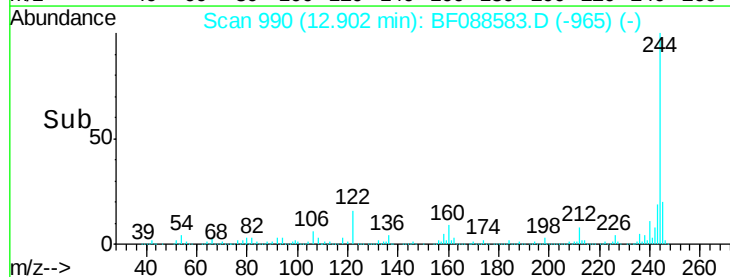
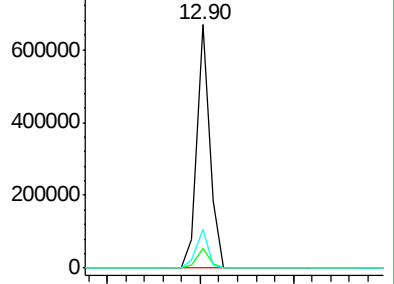
122 16.0 11.2 16.8

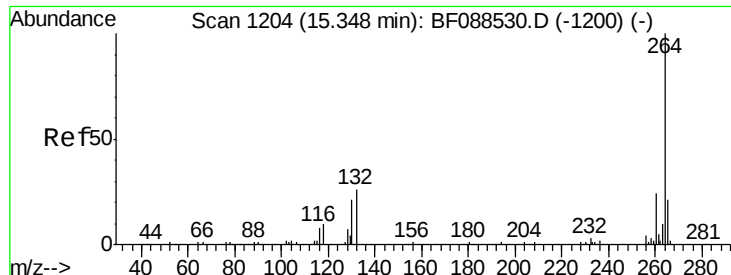


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

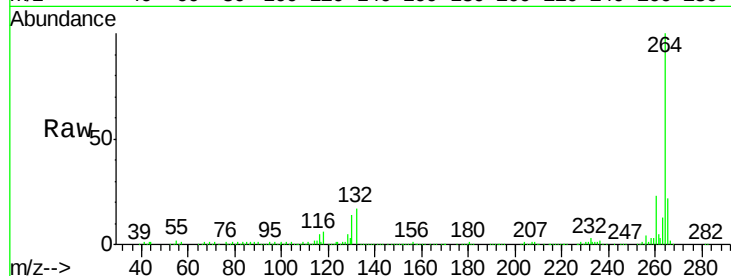




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088583.D
Acq: 1 Jul 2016 19:15

Instrument :
BNA_F
ClientSampleId :
C1.1-5

Tgt Ion: 264 Resp: 232795
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.6 16.9 25.3



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

