

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086490.D
 Acq On : 29 Apr 2016 14:18
 Operator : UM/SJ
 Sample : H2704-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW1

Quant Time: Apr 30 00:41:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	160066	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	682535	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	344321	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	635683	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	533305	20.00	ng	-0.03
86) Perylene-d12	15.32	264	437973	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	377519	40.68	ng	-0.02
7) Phenol-d6	6.41	99	305890	23.62	ng	-0.03
23) Nitrobenzene-d5	7.34	82	1139004	89.95	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	295338	81.34	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1738270	89.32	ng	-0.03
78) Terphenyl-d14	12.89	244	1800338	74.37	ng	-0.02

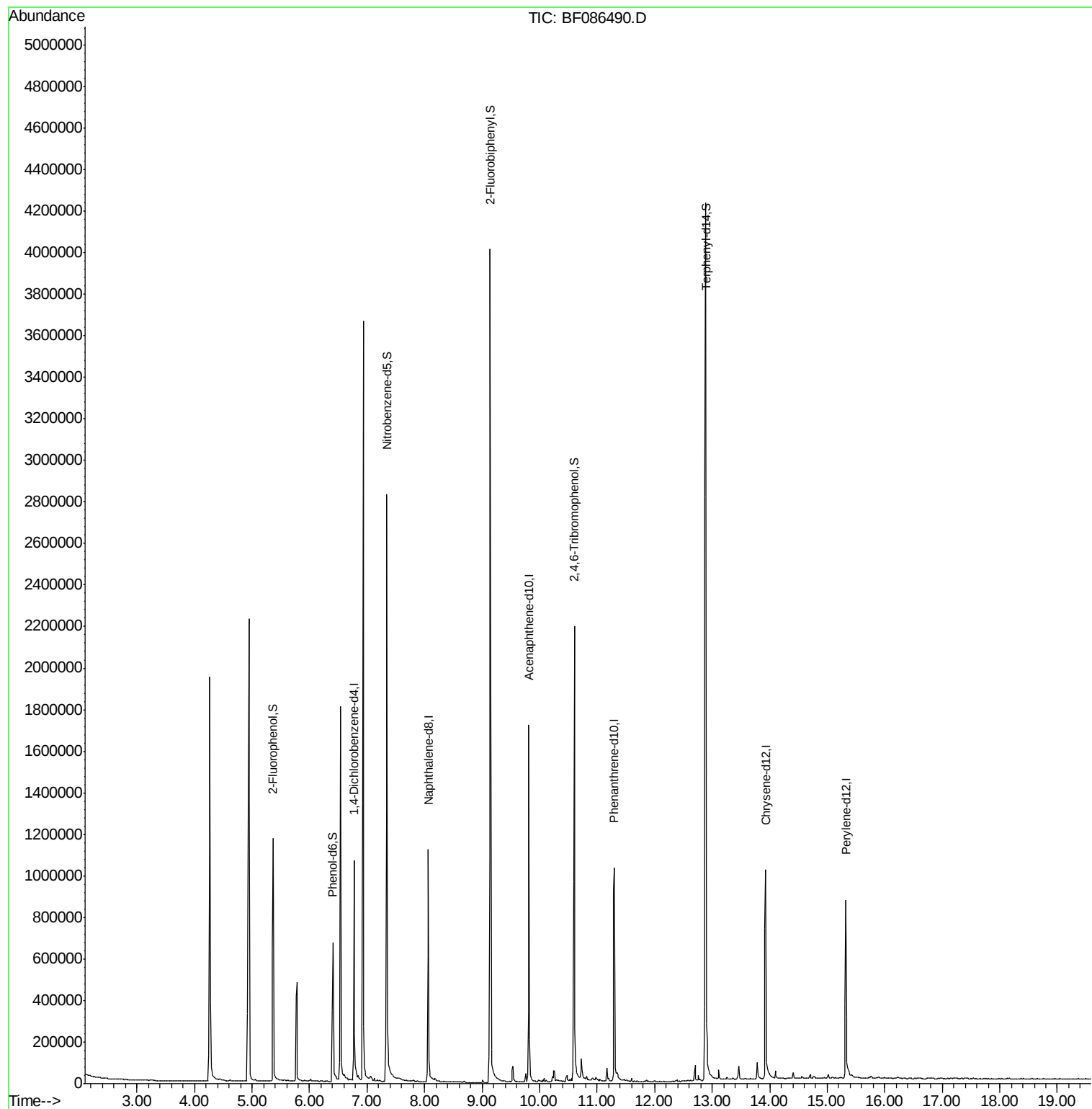
Target Compounds Qvalue

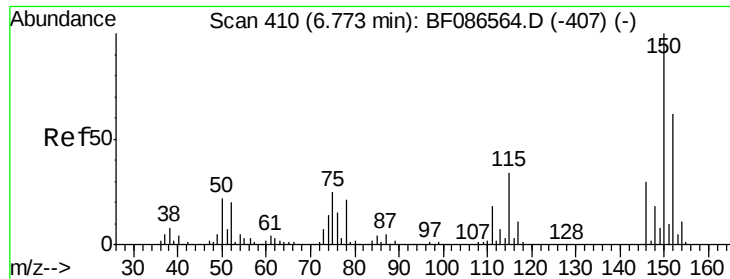
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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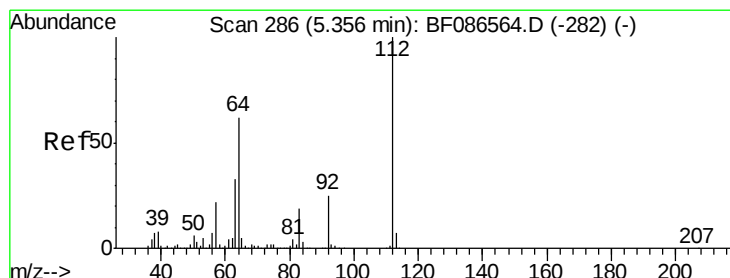
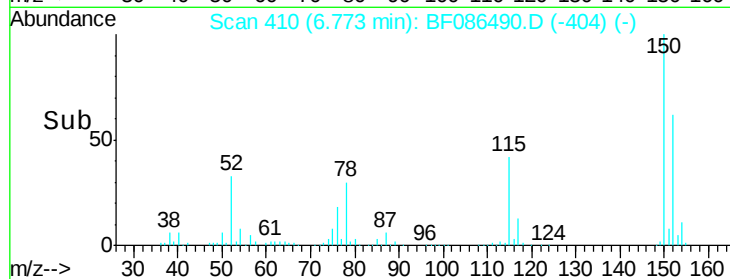
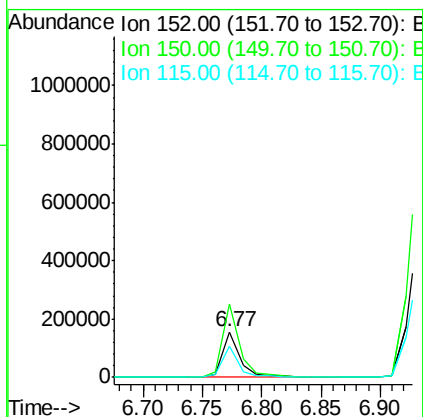
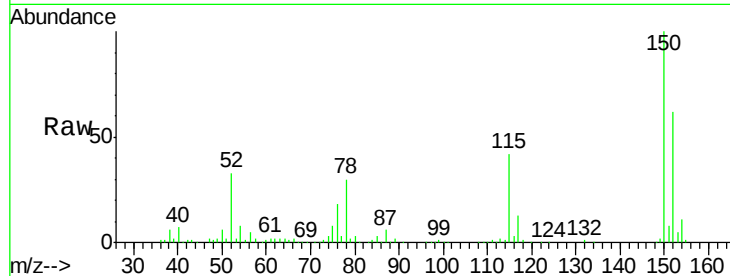


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF086490.D
Acq: 29 Apr 2016 14:18

Instrument :
BNA_F
ClientSampleId :
TEC-MW1

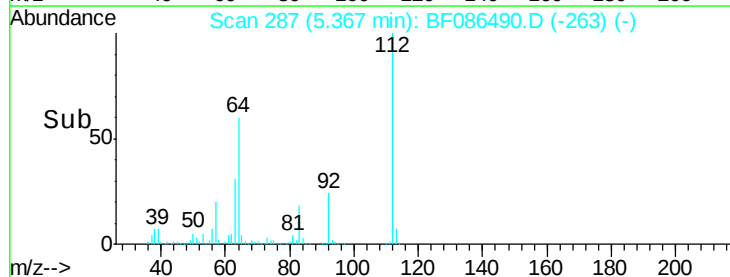
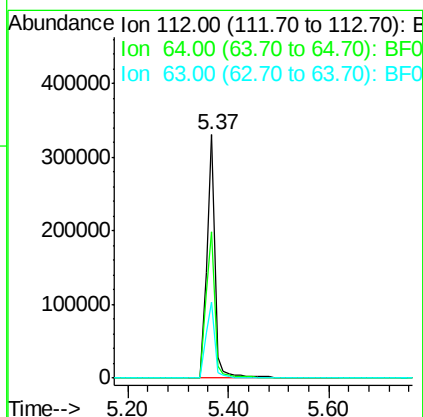
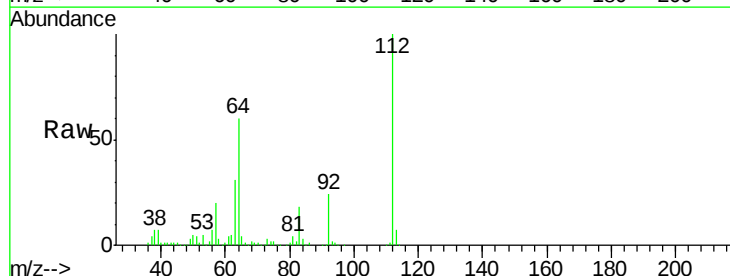
Tot Ion:152 Resp: 160066
Ion Ratio Lower Upper
152 100
150 160.9 125.8 188.6
115 67.5 51.5 77.3

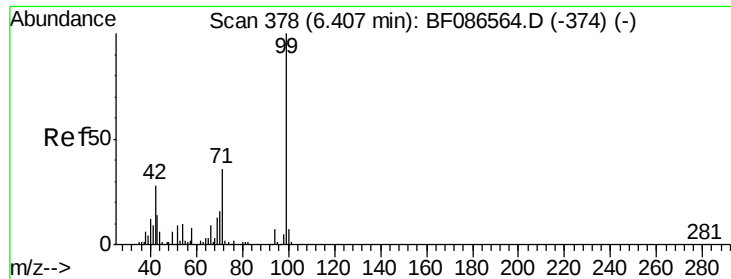


#5

2-Fluorophenol
Concen: 40.68 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086490.D
Acq: 29 Apr 2016 14:18

Tgt Ion:112 Resp: 377519
Ion Ratio Lower Upper
112 100
64 60.3 52.1 78.1
63 31.0 25.7 38.5





#7

Phenol-d6

Concen: 23.62 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086490.D

Acq: 29 Apr 2016 14:18

Instrument :

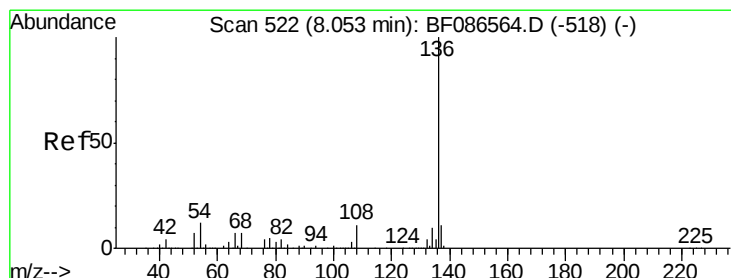
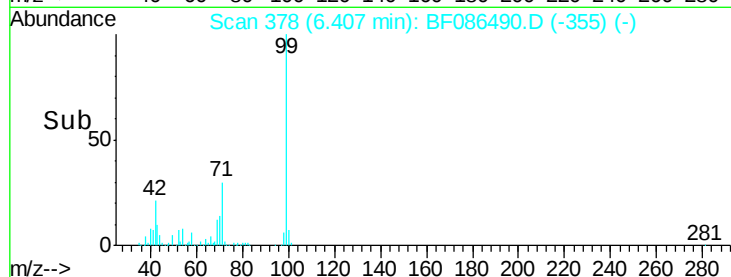
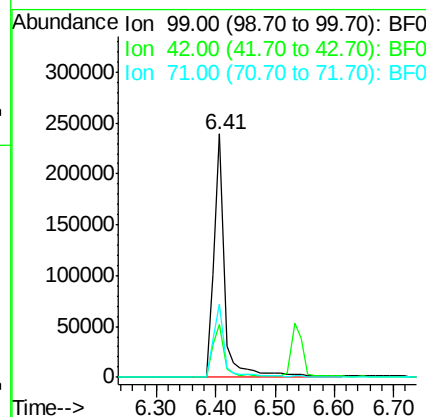
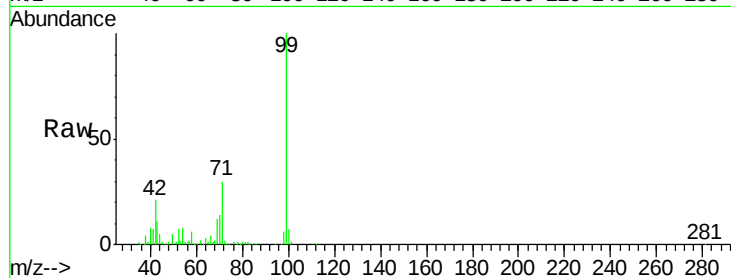
BNA_F

ClientSampleId :

TEC-MW1

Tot Ion: 99 Resp: 305890

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.6	20.4#
71	30.0	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

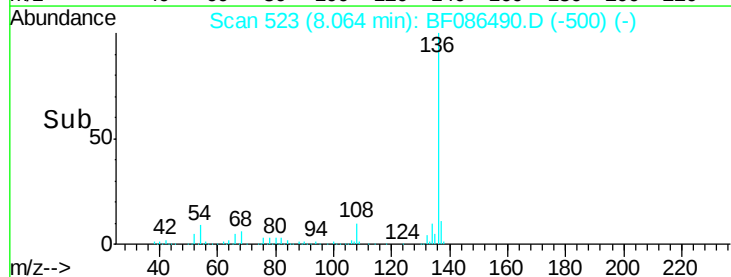
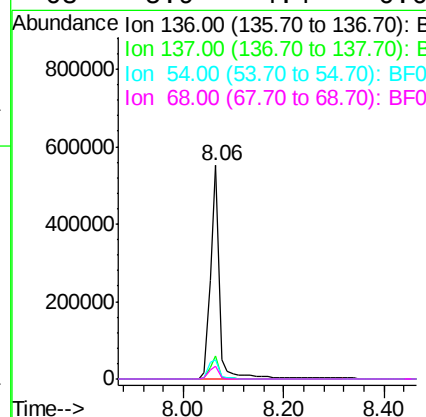
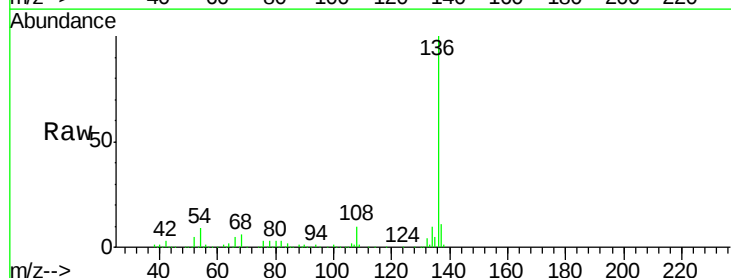
Delta R.T. -0.03 min

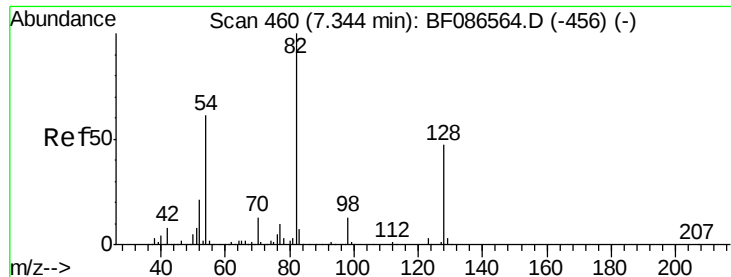
Lab File: BF086490.D

Acq: 29 Apr 2016 14:18

Tgt Ion: 136 Resp: 682535

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.2	5.0	7.4#
68	5.9	4.4	6.6

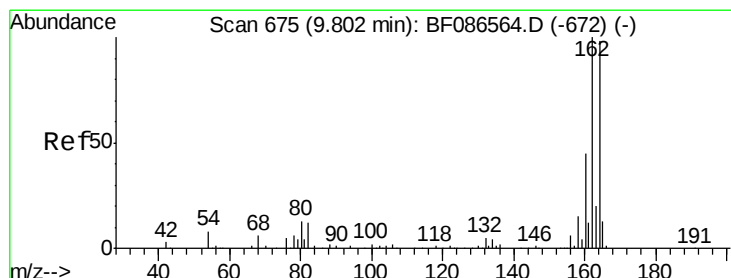
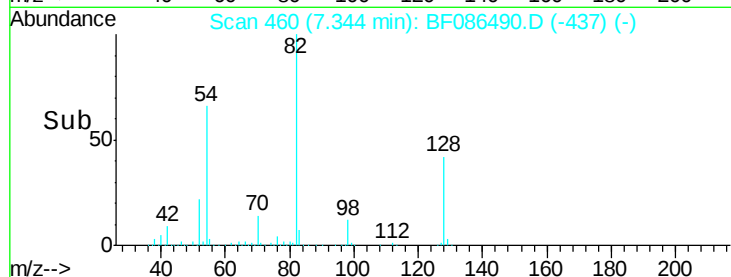
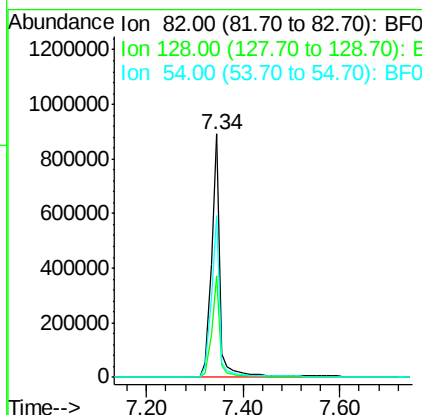
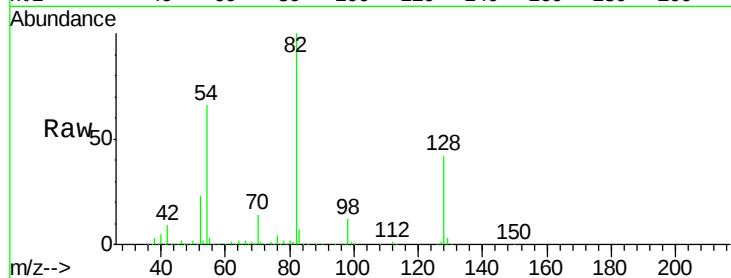




#23
 Nitrobenzene-d5
 Concen: 89.95 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF086490.D
 Acq: 29 Apr 2016 14:18

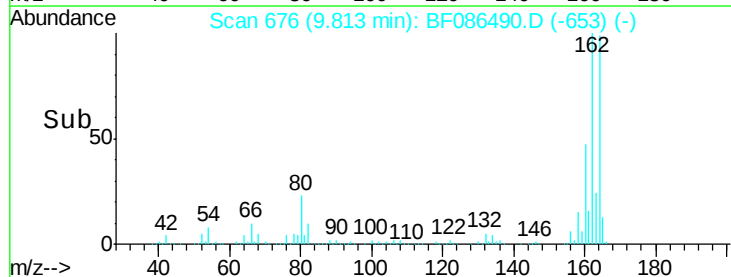
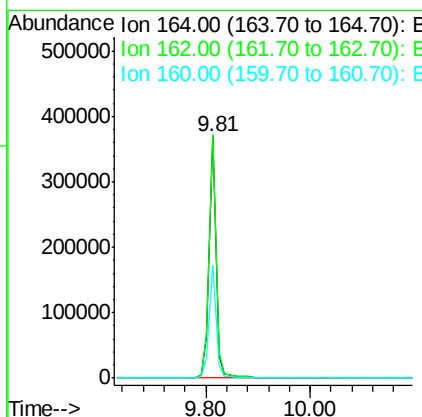
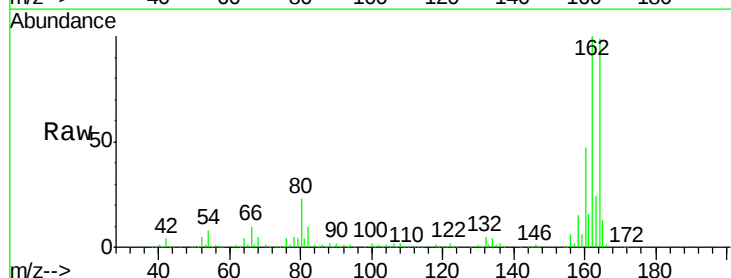
Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW1

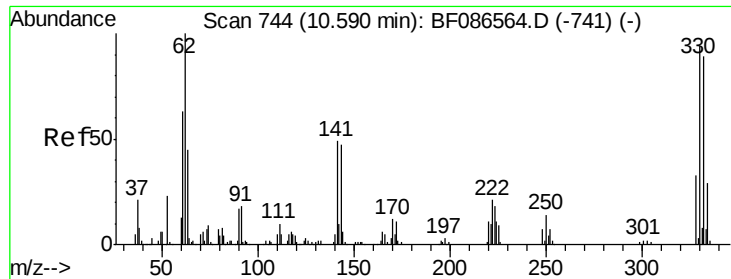
Tot Ion: 82 Resp: 1139004
 Ion Ratio Lower Upper
 82 100
 128 41.9 40.6 61.0
 54 66.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF086490.D
 Acq: 29 Apr 2016 14:18

Tgt Ion:164 Resp: 344321
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.8 124.2
 160 47.0 36.9 55.3

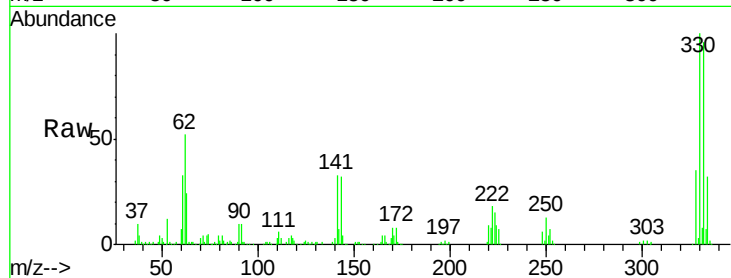




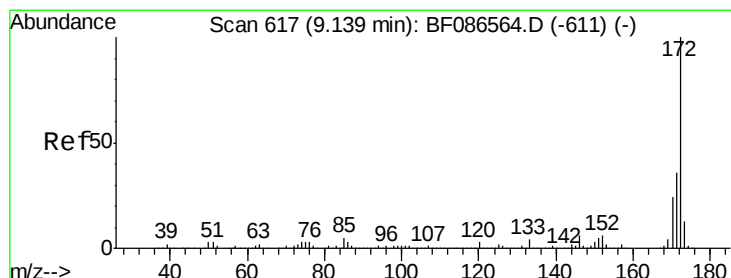
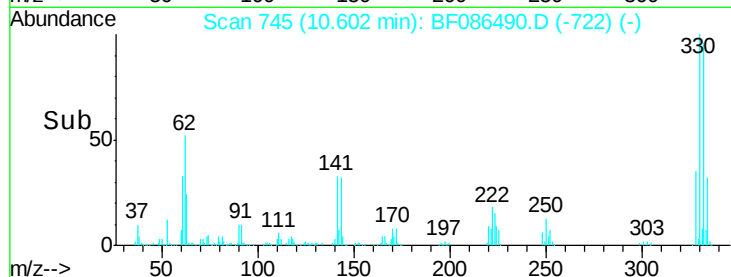
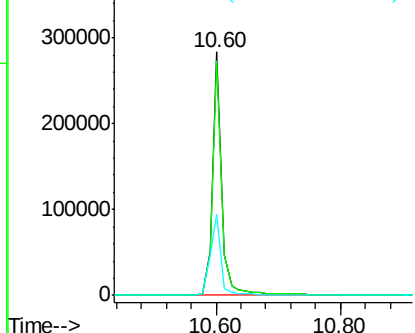
#41
 2,4,6-Tribromophenol
 Concen: 81.34 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086490.D
 Acq: 29 Apr 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW1

Tot Ion:330 Resp: 295338
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 37.9 31.2 46.8

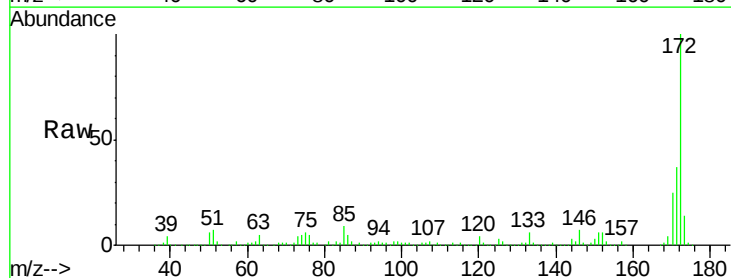


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

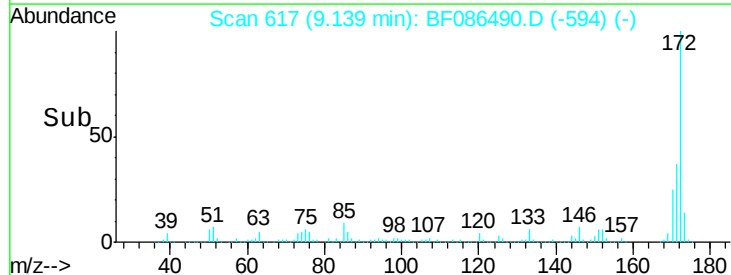
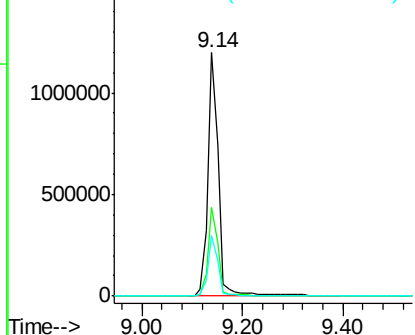


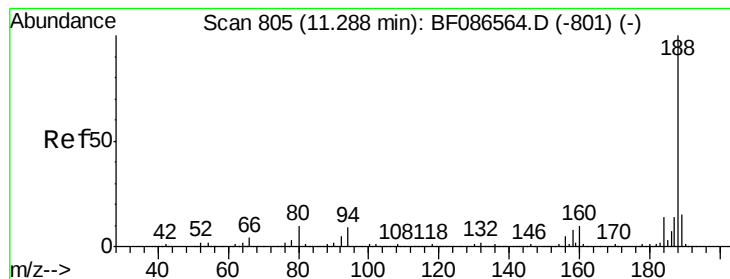
#44
 2-Fluorobiphenyl
 Concen: 89.32 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086490.D
 Acq: 29 Apr 2016 14:18

Tgt Ion:172 Resp: 1738270
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.8 19.8 29.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF086490.D

Acq: 29 Apr 2016 14:18

Instrument :

BNA_F

ClientSampled :

TEC-MW1

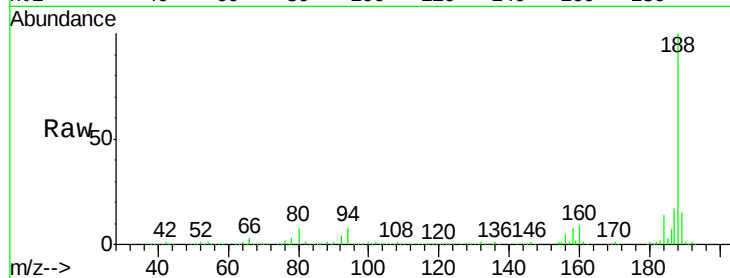
Tot Ion:188 Resp: 635683

Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

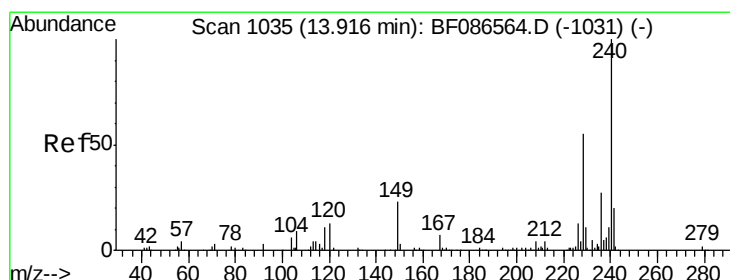
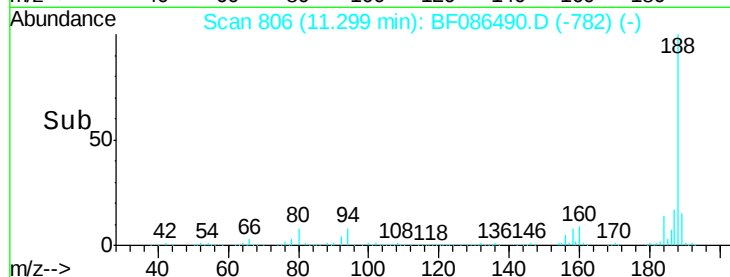
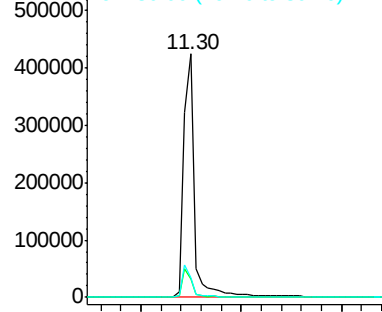
80 8.1 7.1 10.7



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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086490.D

Acq: 29 Apr 2016 14:18

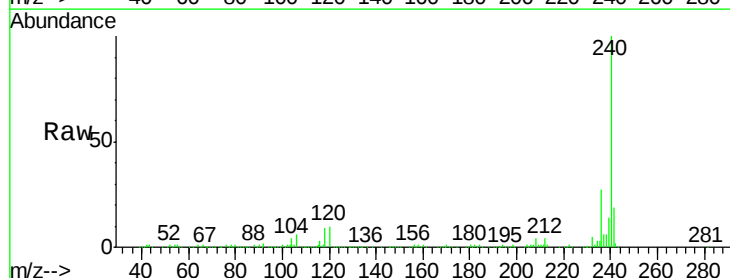
Tgt Ion:240 Resp: 533305

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

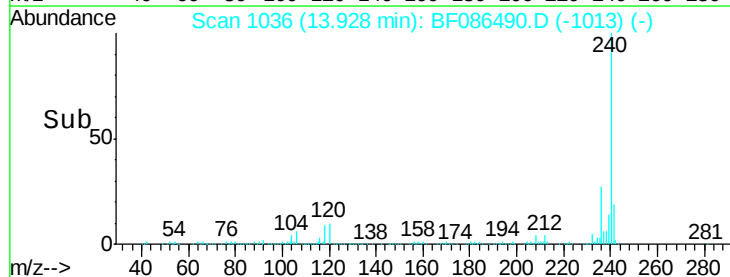
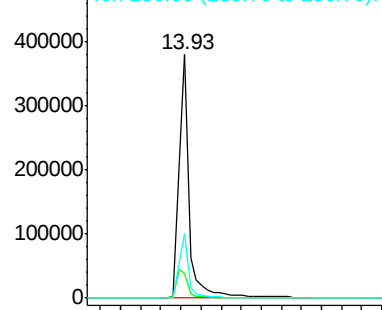
236 26.7 21.2 31.8

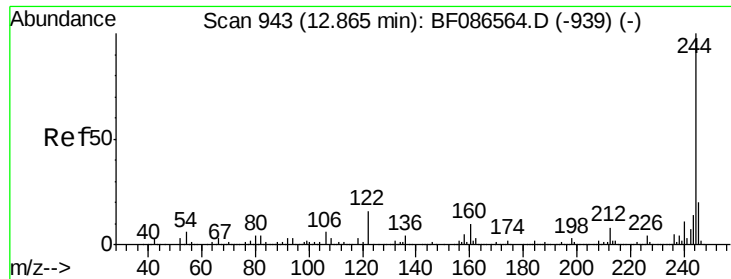


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

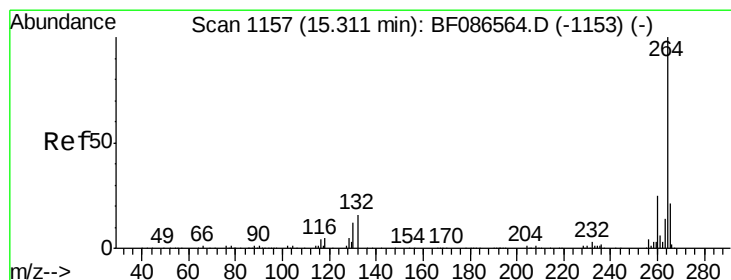
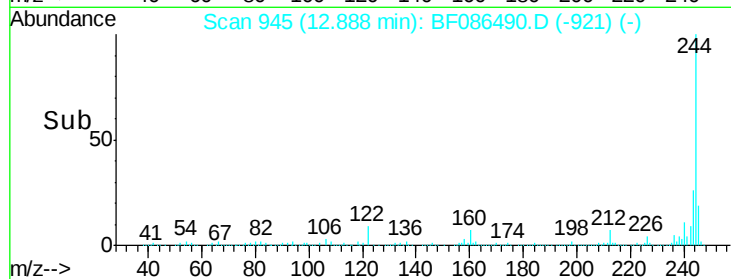
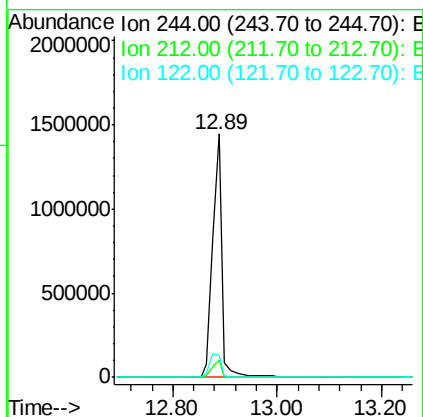
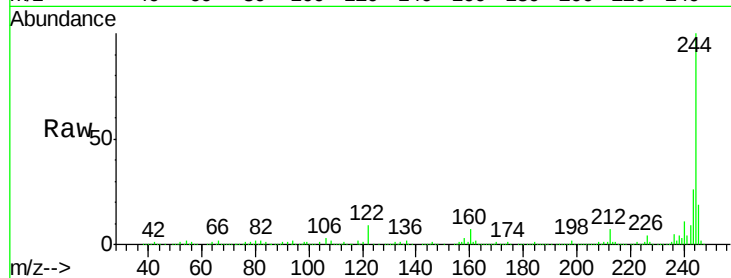




#78
 Terphenyl-d14
 Concen: 74.37 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF086490.D
 Acq: 29 Apr 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW1

Tot Ion:244 Resp: 1800338
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.4 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF086490.D
 Acq: 29 Apr 2016 14:18

Tgt Ion:264 Resp: 437973
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 22.0 17.3 25.9

