

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086515.D
 Acq On : 30 Apr 2016 11:12
 Operator : UM/SJ
 Sample : PB90053BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BL

Quant Time: May 01 03:36:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	129436	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	584212	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	279956	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	564920	20.00	ng	0.00
75) Chrysene-d12	13.92	240	502372	20.00	ng	0.00
86) Perylene-d12	15.31	264	383895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1053582	140.40	ng	0.01
7) Phenol-d6	6.41	99	1295177	123.66	ng	0.00
23) Nitrobenzene-d5	7.33	82	901923	83.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	317737	107.62	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1392173	87.60	ng	-0.01
78) Terphenyl-d14	12.88	244	1557917	68.32	ng	0.00

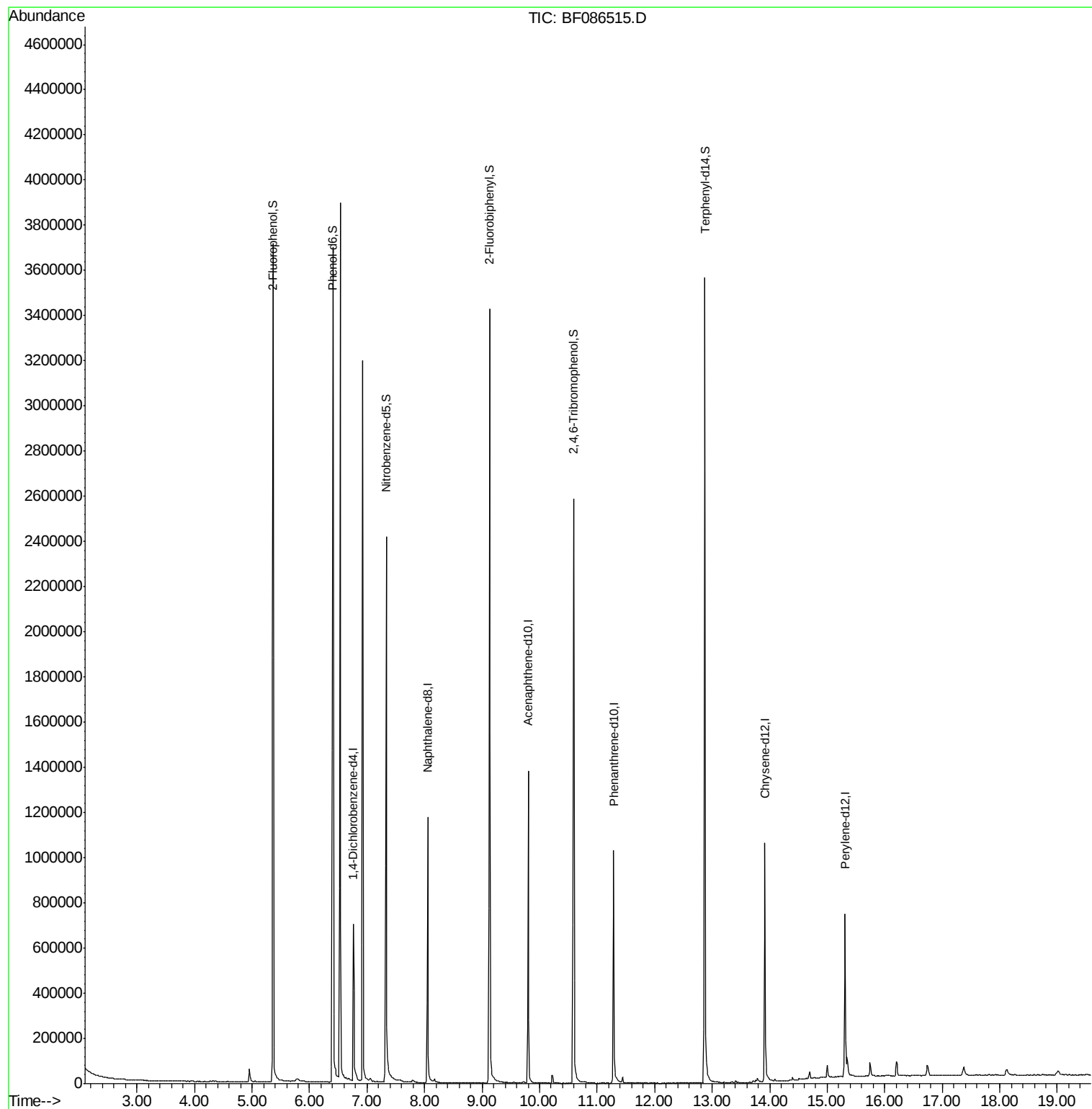
Target Compounds	Qvalue
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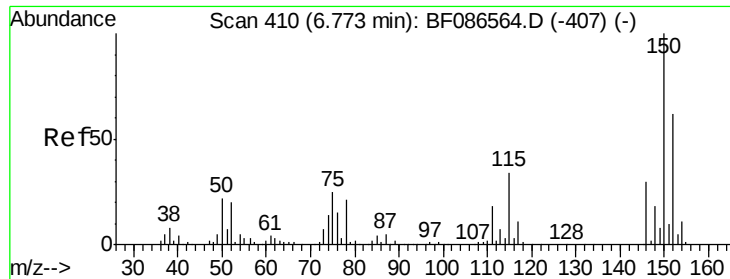
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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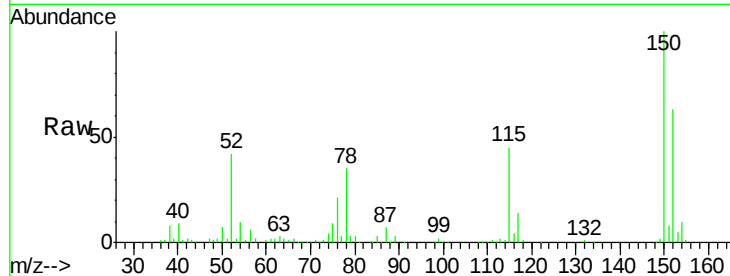




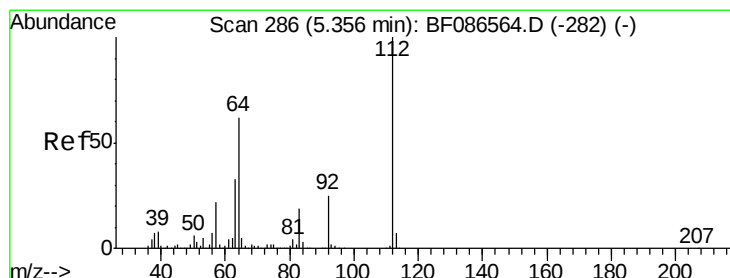
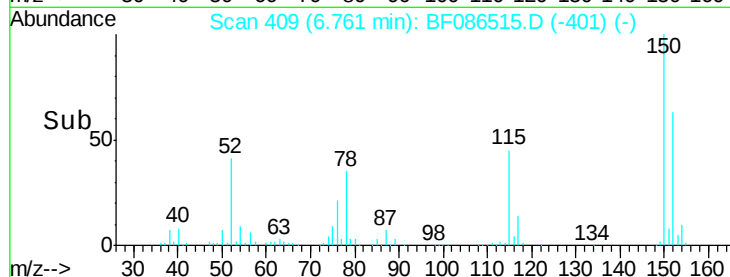
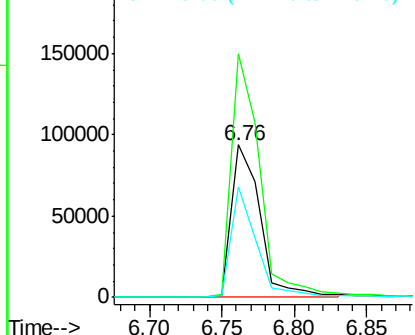
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF086515.D
 Acq: 30 Apr 2016 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BL

Tgt Ion:152 Resp: 129436
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.8 188.6
 115 72.4 51.5 77.3

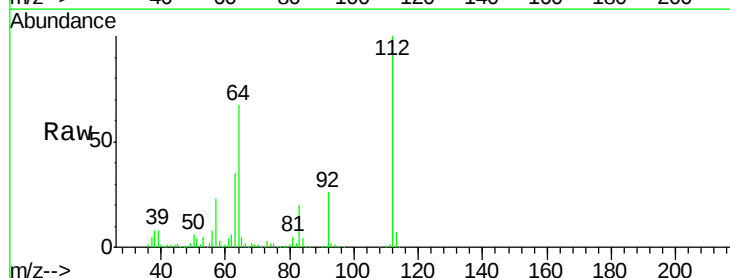


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

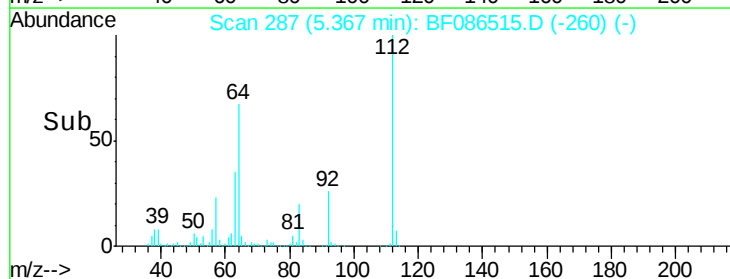
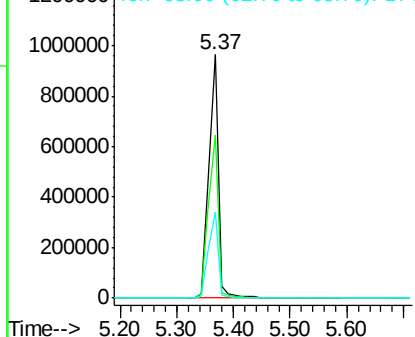


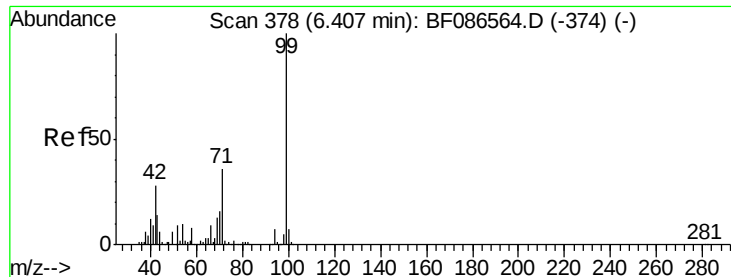
#5
 2-Fluorophenol
 Concen: 140.40 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF086515.D
 Acq: 30 Apr 2016 11:12

Tgt Ion:112 Resp: 1053582
 Ion Ratio Lower Upper
 112 100
 64 66.7 52.1 78.1
 63 35.3 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.66 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086515.D

Acq: 30 Apr 2016 11:12

Instrument :

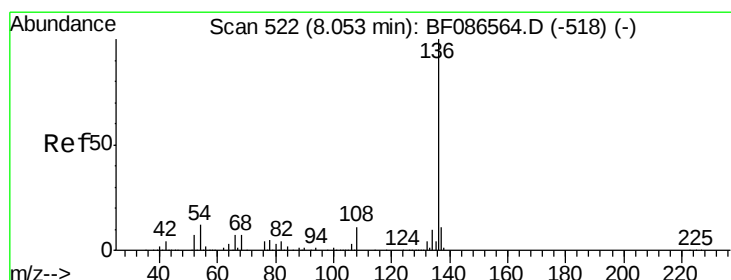
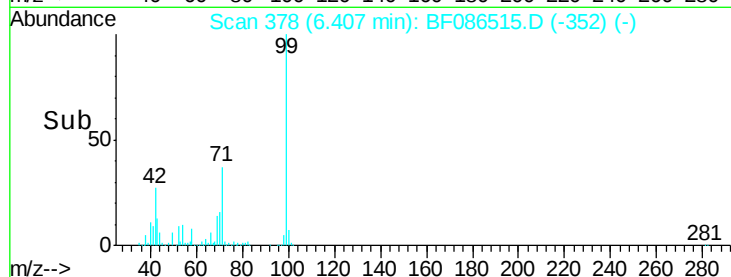
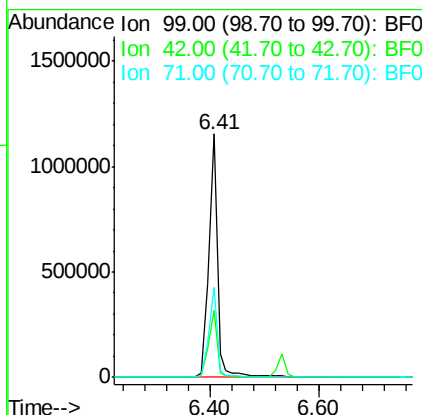
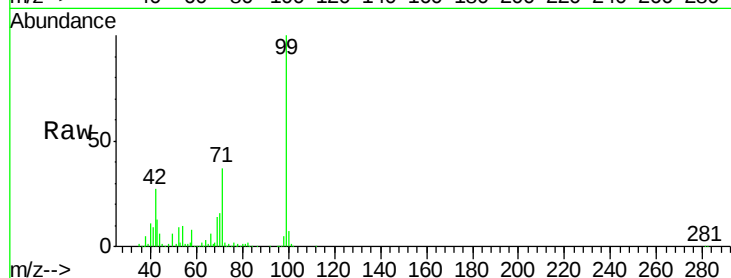
BNA_F

ClientSampleId :

PB90053BL

Tgt Ion: 99 Resp: 1295177

Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.6	20.4#
71	36.8	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

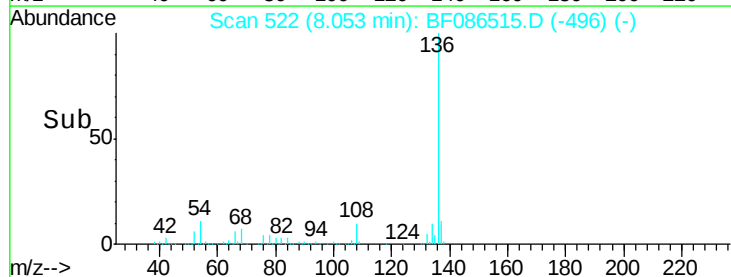
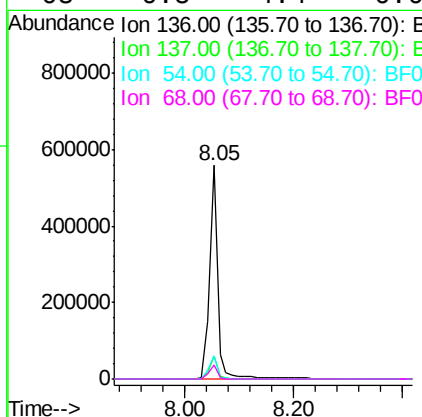
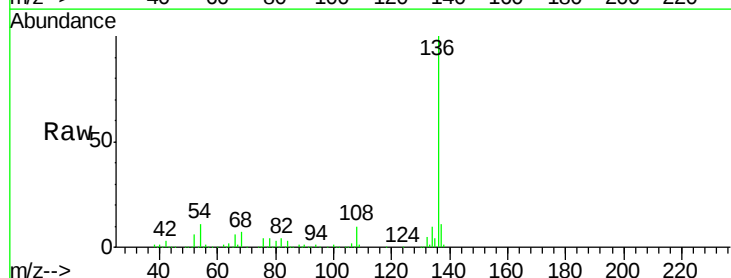
Delta R.T. -0.00 min

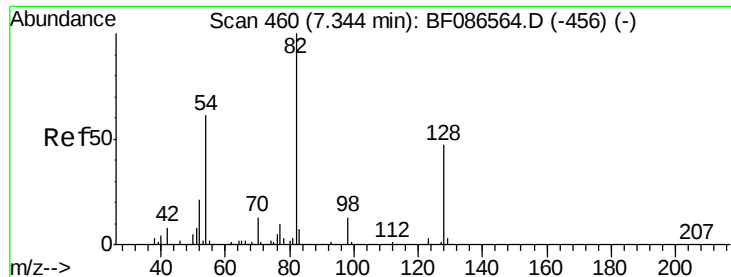
Lab File: BF086515.D

Acq: 30 Apr 2016 11:12

Tgt Ion: 136 Resp: 584212

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.7	5.0	7.4#
68	6.5	4.4	6.6

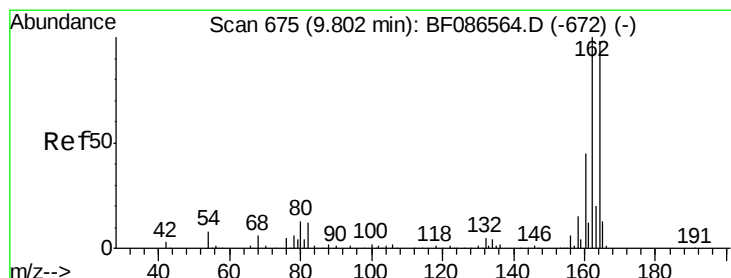
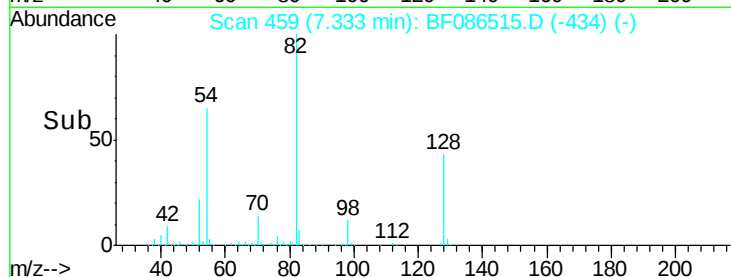
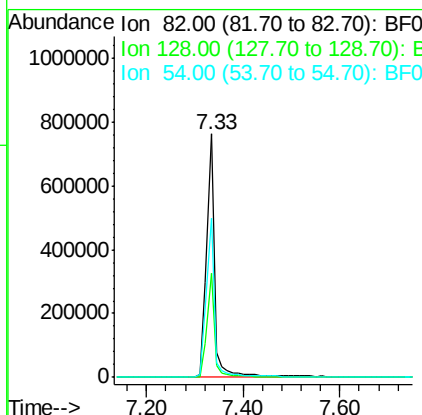
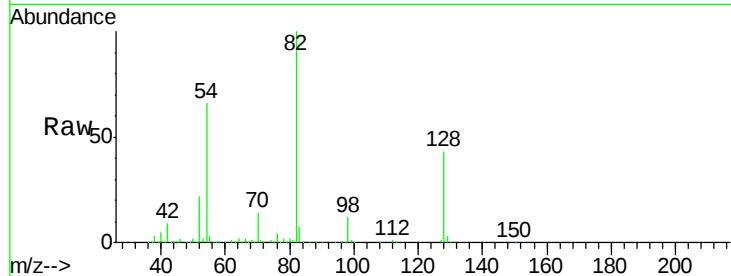




#23
 Nitrobenzene-d5
 Concen: 83.21 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086515.D
 Acq: 30 Apr 2016 11:12

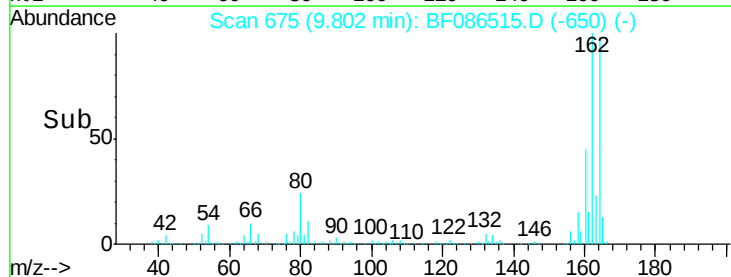
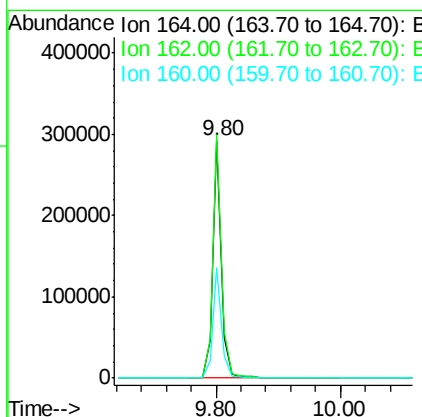
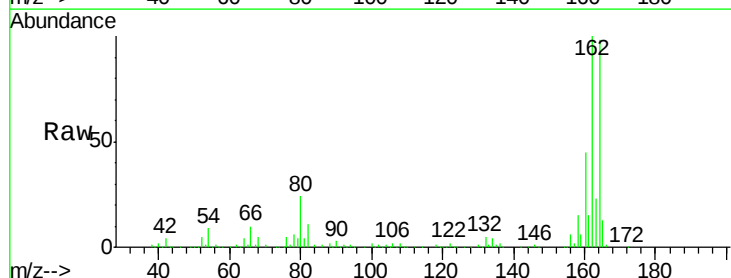
Instrument :
 BNA_F
 ClientSampleId :
 PB90053BL

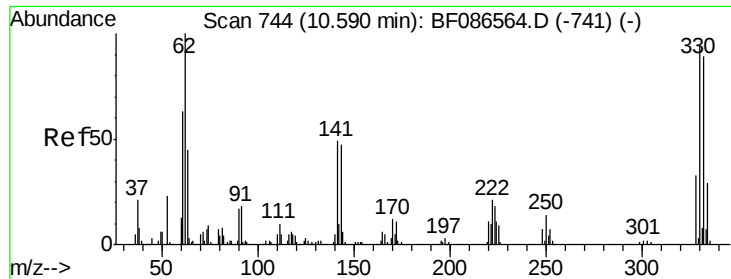
Tgt Ion: 82 Resp: 901923
 Ion Ratio Lower Upper
 82 100
 128 42.8 40.6 61.0
 54 65.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086515.D
 Acq: 30 Apr 2016 11:12

Tgt Ion: 164 Resp: 279956
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 46.5 36.9 55.3

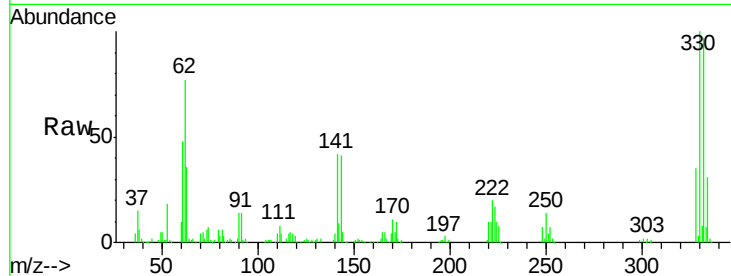




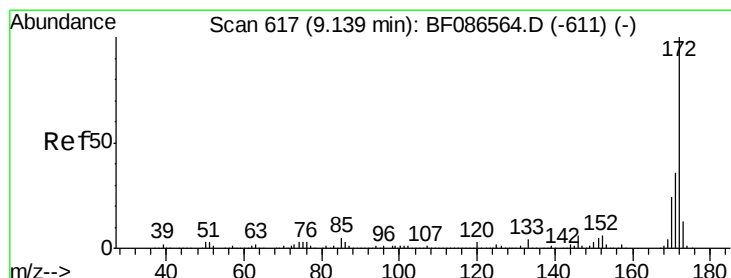
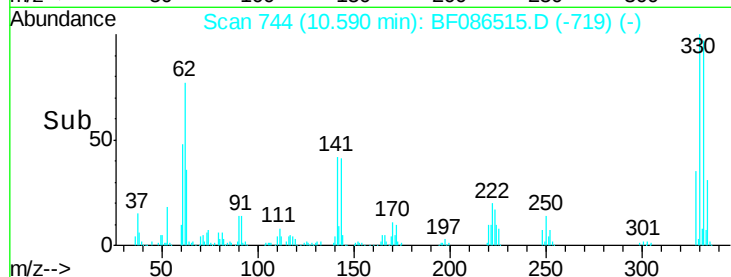
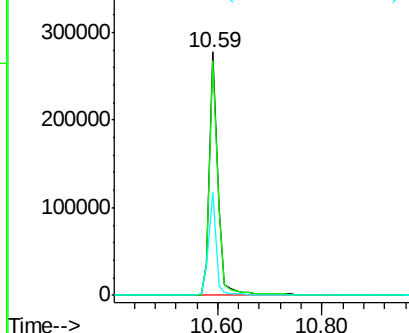
#41
 2,4,6-Tribromophenol
 Concen: 107.62 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086515.D
 Acq: 30 Apr 2016 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BL

Tgt Ion:330 Resp: 317737
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 38.5 31.2 46.8

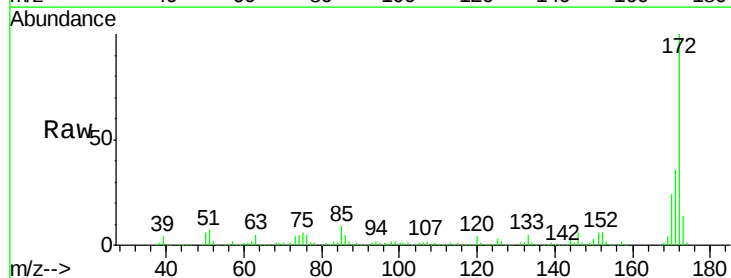


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

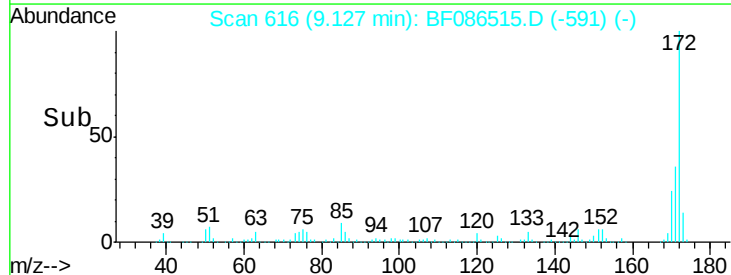
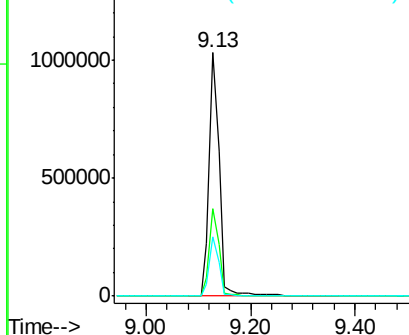


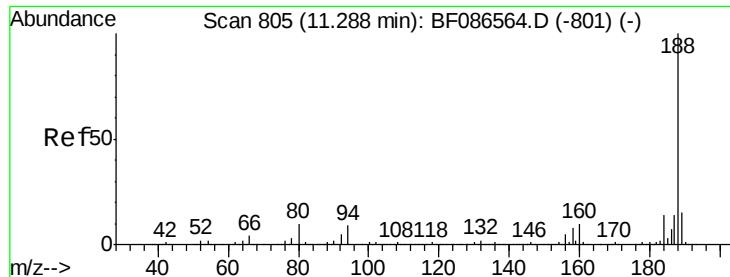
#44
 2-Fluorobiphenyl
 Concen: 87.60 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086515.D
 Acq: 30 Apr 2016 11:12

Tgt Ion:172 Resp: 1392173
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.3 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

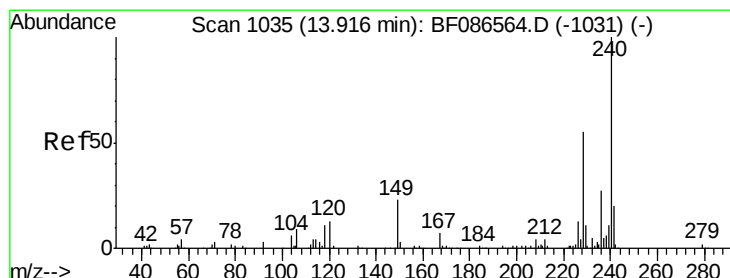
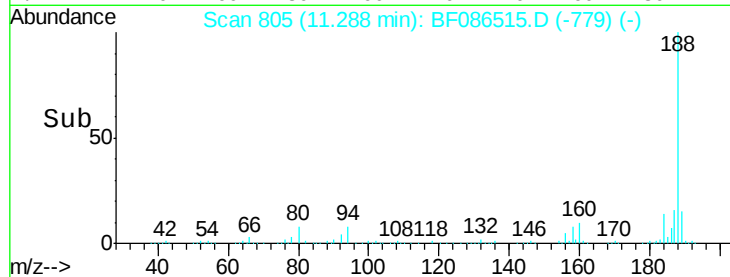
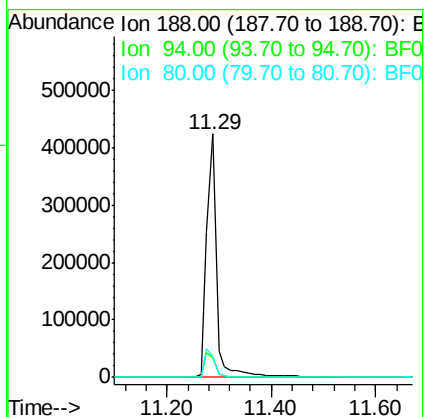
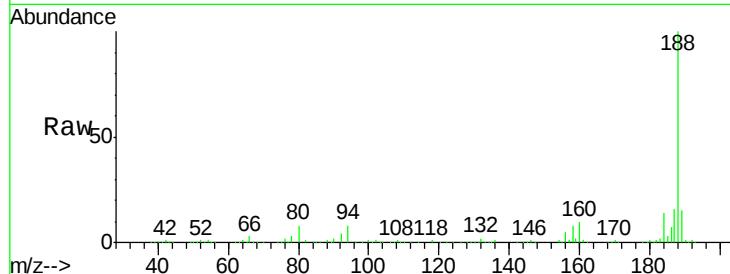




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF086515.D
Acq: 30 Apr 2016 11:12

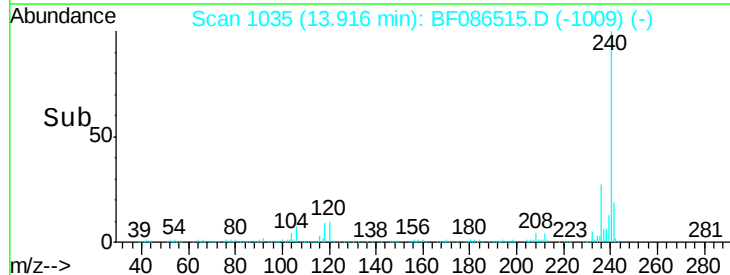
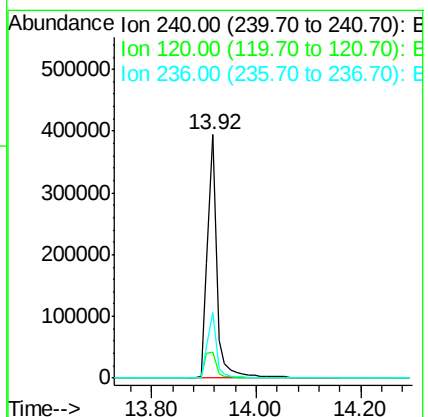
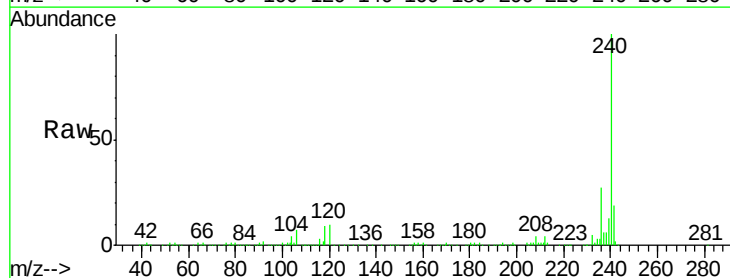
Instrument :
BNA_F
ClientSampled :
PB90053BL

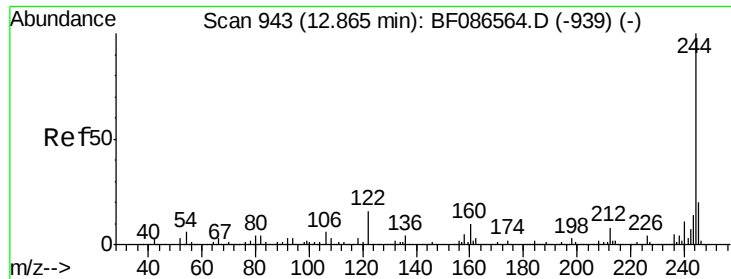
Tgt Ion:188 Resp: 564920
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.5 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF086515.D
Acq: 30 Apr 2016 11:12

Tgt Ion:240 Resp: 502372
Ion Ratio Lower Upper
240 100
120 10.5 11.2 16.8#
236 27.2 21.2 31.8

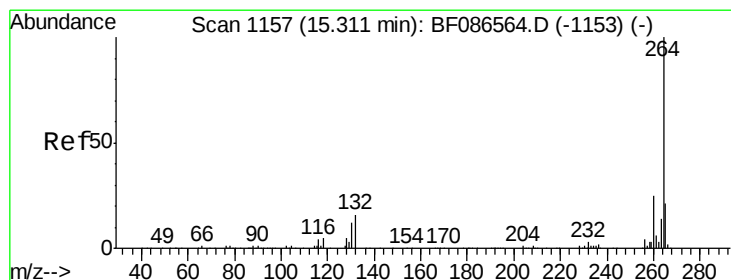
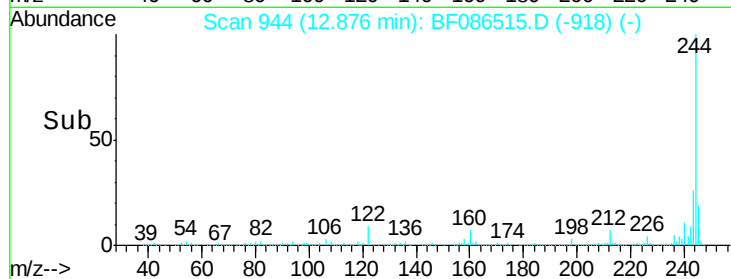
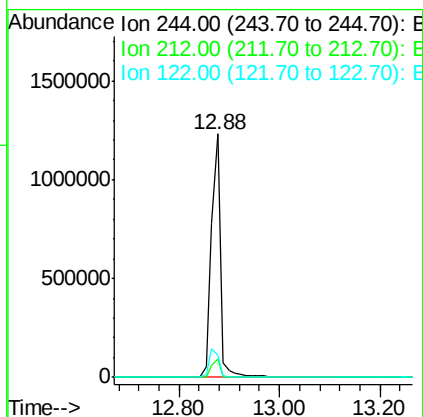
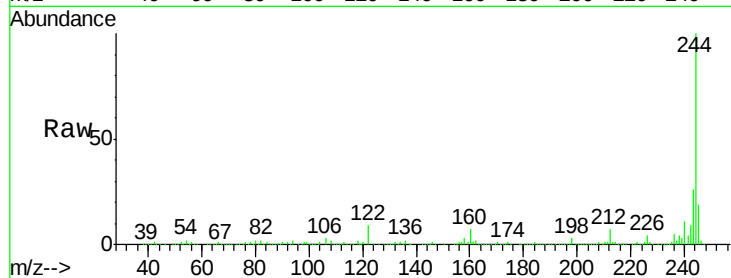




#78
 Terphenyl-d14
 Concen: 68.32 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF086515.D
 Acq: 30 Apr 2016 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB90053BL

Tgt Ion:244 Resp: 1557917
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.0 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF086515.D
 Acq: 30 Apr 2016 11:12

Tgt Ion:264 Resp: 383895
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.0 17.3 25.9

