

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086779.D
 Acq On : 7 May 2016 17:39
 Operator : UM/SJ
 Sample : PB90240BL
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BL

Quant Time: May 08 00:17:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169392	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	685702	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	331224	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	624412	40.00	ng	0.00
75) Chrysene-d12	13.85	240	377727	40.00	ng	0.00
86) Perylene-d12	15.22	264	308189	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1235630	120.76	ng	0.01
7) Phenol-d6	6.36	99	1501133	108.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1185858	88.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	458179	141.41	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1924902	95.26	ng	0.00
78) Terphenyl-d14	12.81	244	1602587	85.75	ng	0.00

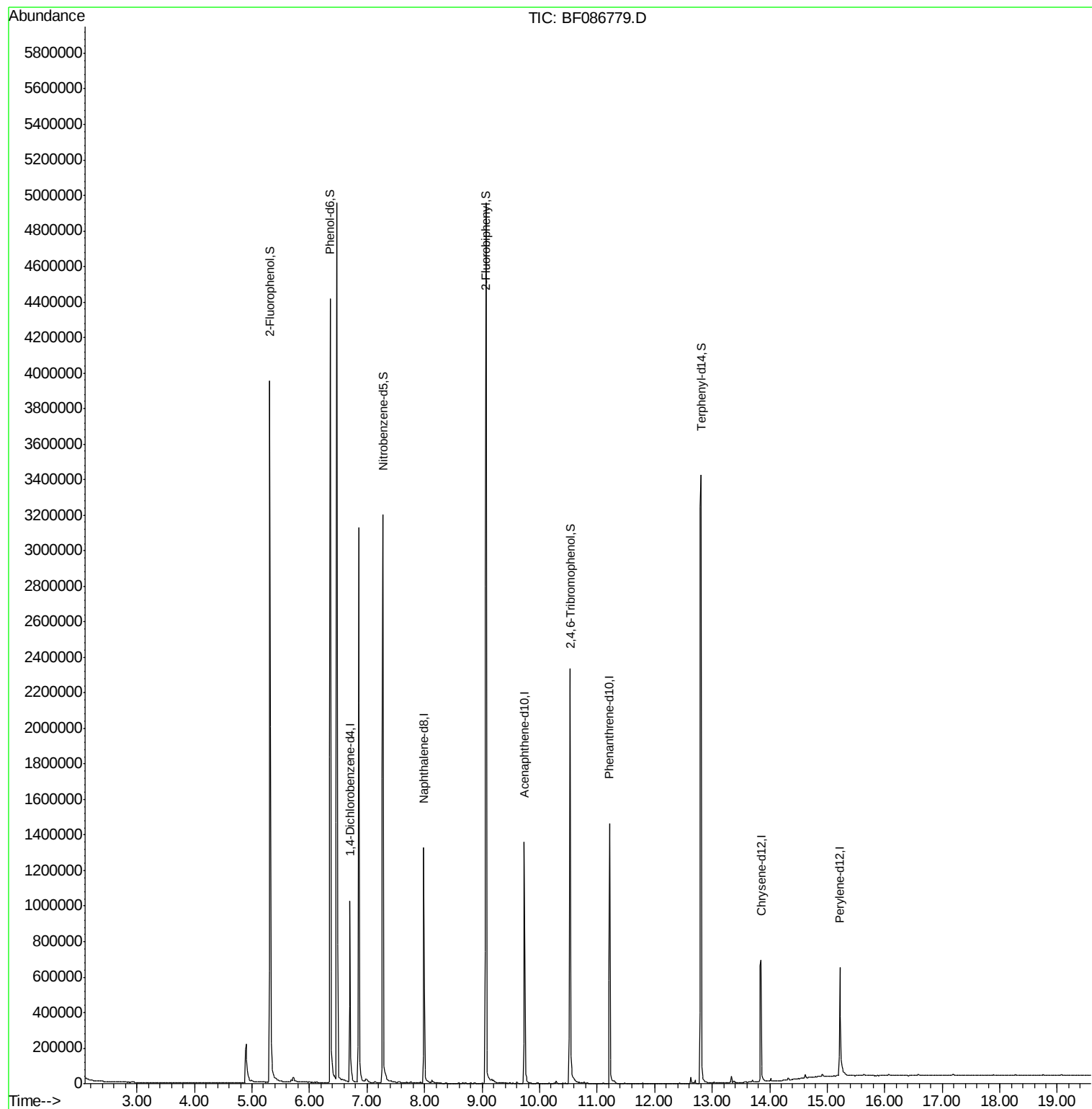
Target Compounds	Qvalue
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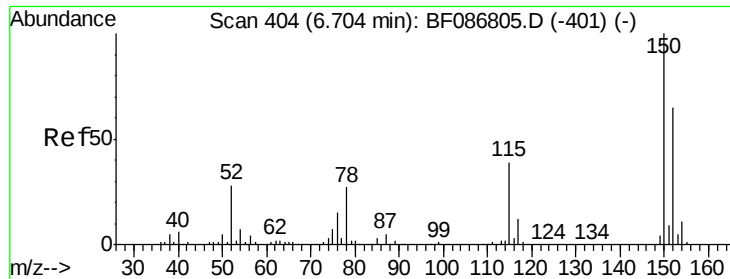
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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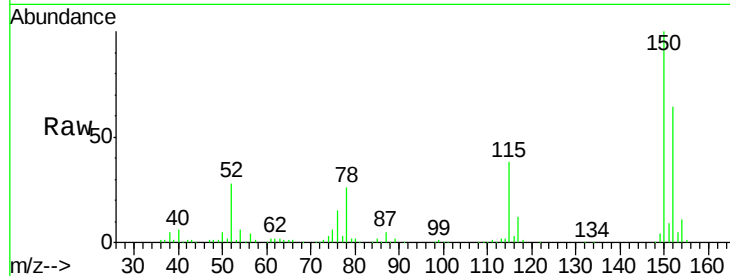




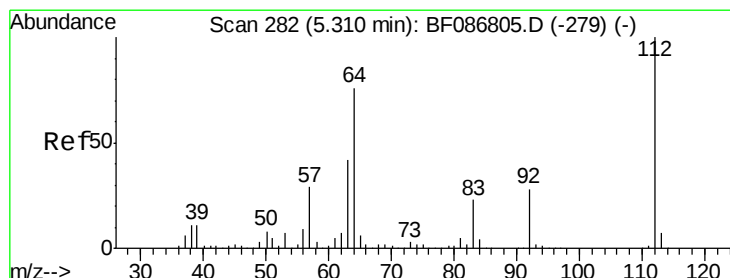
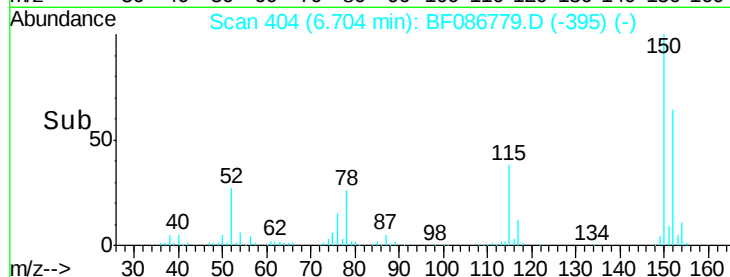
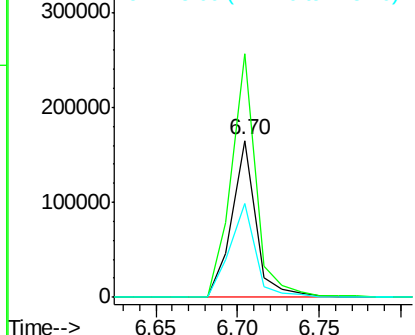
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086779.D
 Acq: 7 May 2016 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BL

Tgt Ion:152 Resp: 169392
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.8 188.6
 115 59.8 51.5 77.3

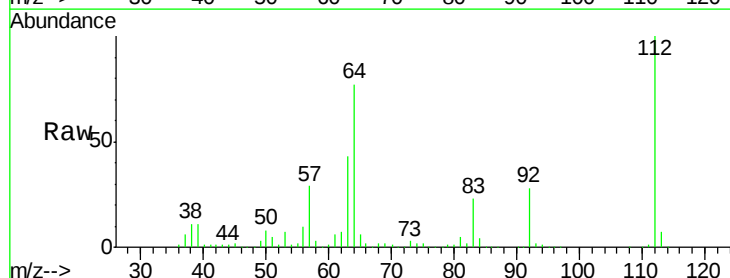


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

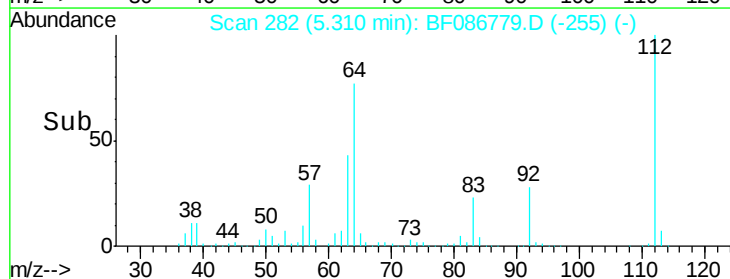
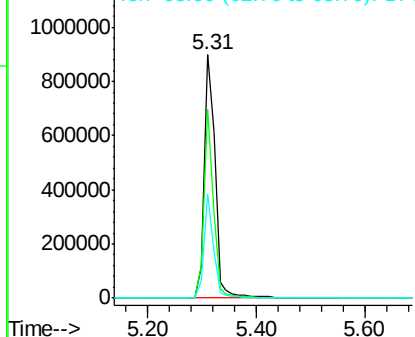


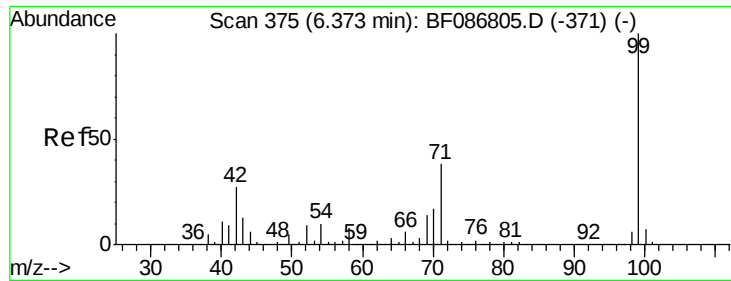
#5
 2-Fluorophenol
 Concen: 120.76 ng
 RT: 5.31 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF086779.D
 Acq: 7 May 2016 17:39

Tgt Ion:112 Resp: 1235630
 Ion Ratio Lower Upper
 112 100
 64 77.3 52.1 78.1
 63 42.5 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: 108.91 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086779.D

Acq: 7 May 2016 17:39

Instrument :

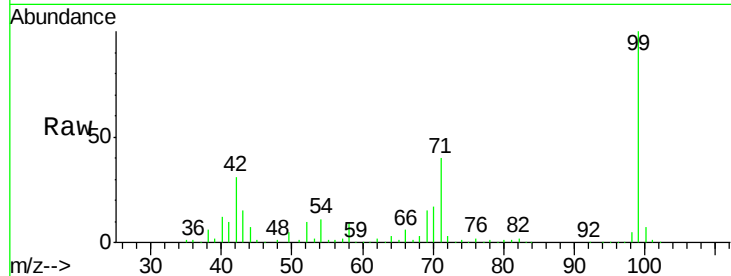
BNA_F

ClientSampleId :

PB90240BL

Tgt Ion: 99 Resp: 1501133

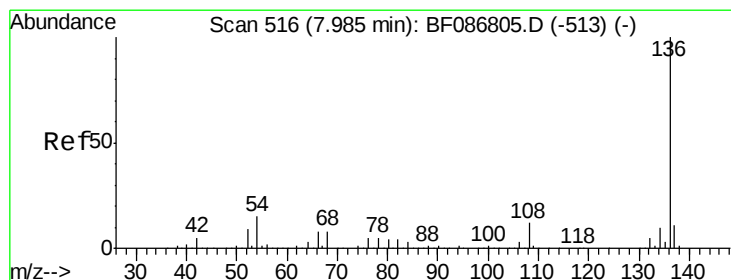
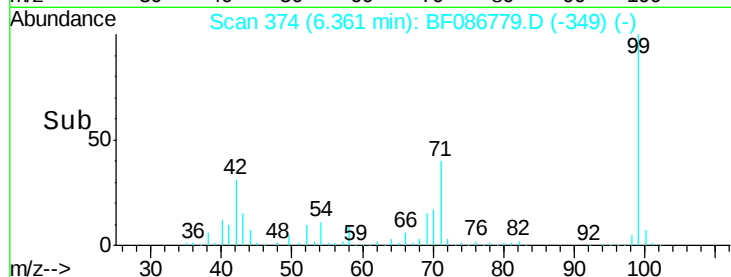
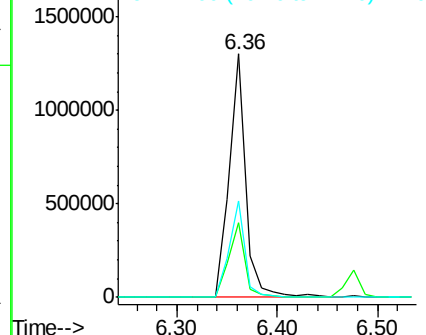
Ion	Ratio	Lower	Upper
99	100		
42	30.5	13.6	20.4#
71	39.6	24.6	36.8#



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: 40.00 ng

RT: 7.98 min Scan# 516

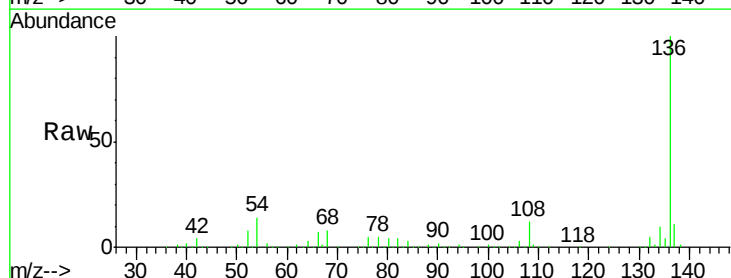
Delta R.T. -0.01 min

Lab File: BF086779.D

Acq: 7 May 2016 17:39

Tgt Ion: 136 Resp: 685702

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.0	5.0	7.4#
68	7.6	4.4	6.6#

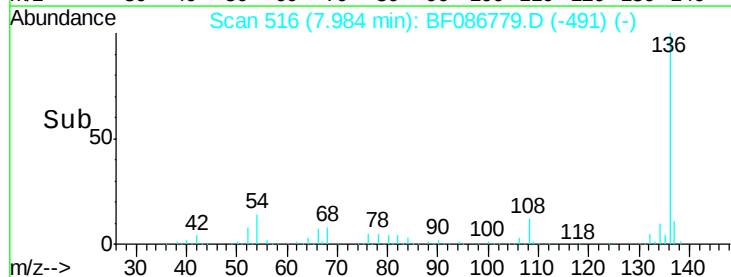
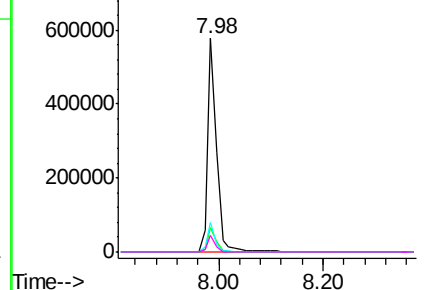


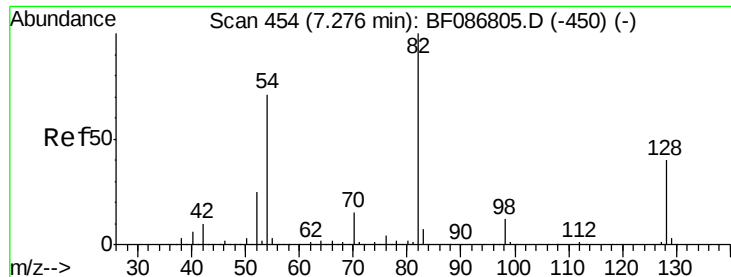
Abundance Ion 136.00 (135.70 to 136.70): E

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

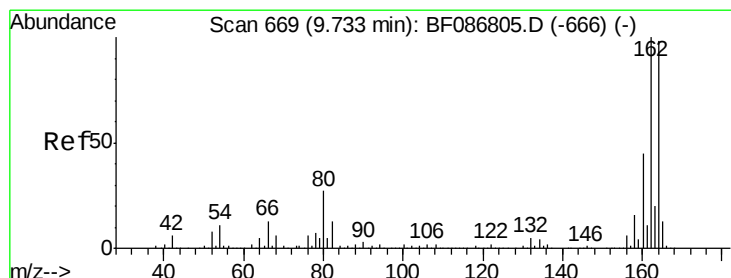
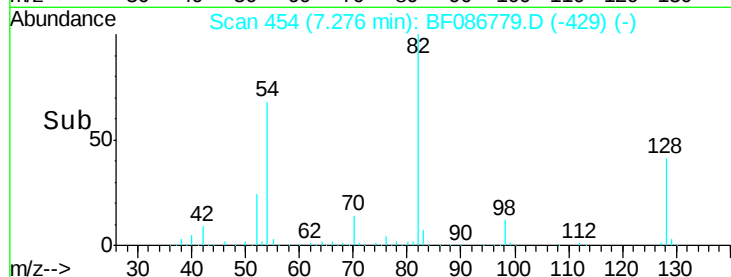
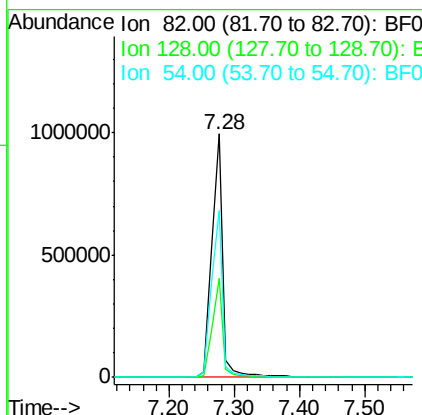
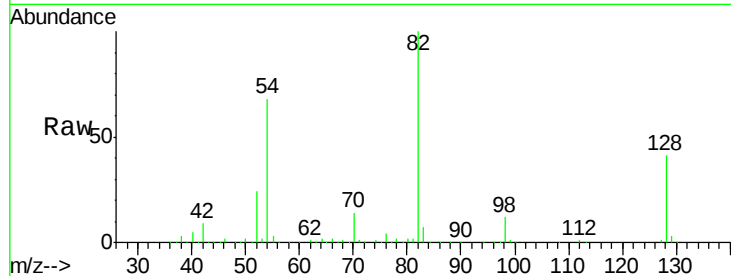




#23
 Nitrobenzene-d5
 Concen: 88.87 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086779.D
 Acq: 7 May 2016 17:39

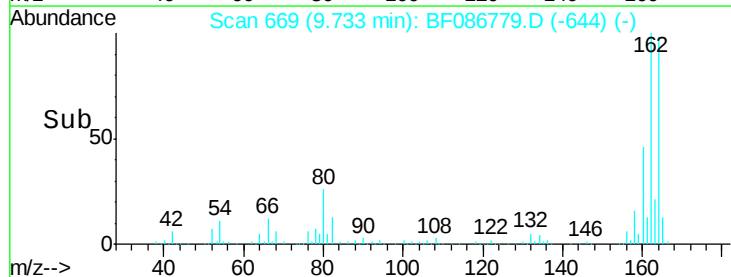
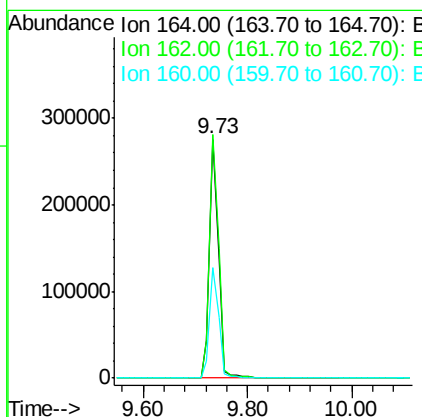
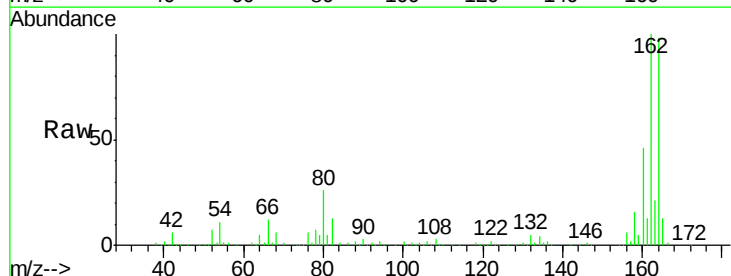
Instrument :
 BNA_F
 ClientSampleId :
 PB90240BL

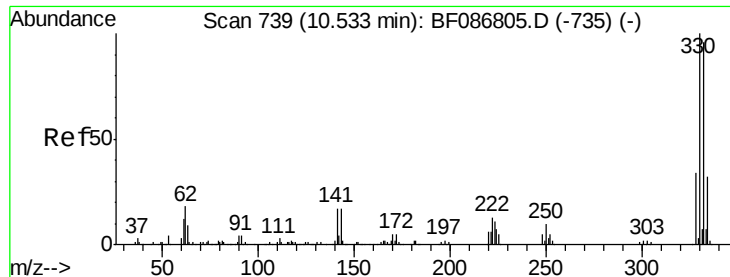
Tgt Ion: 82 Resp: 1185858
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.6 61.0
 54 68.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086779.D
 Acq: 7 May 2016 17:39

Tgt Ion: 164 Resp: 331224
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 46.5 36.9 55.3

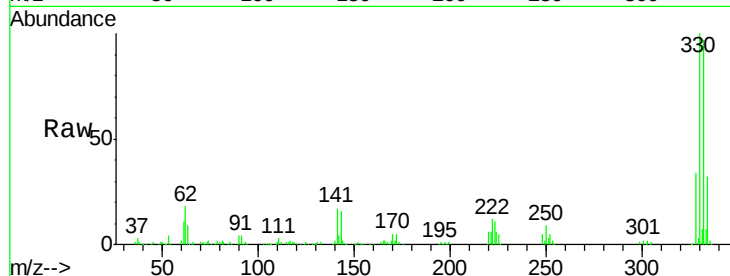




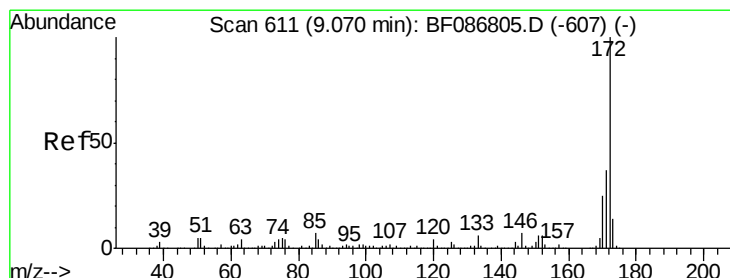
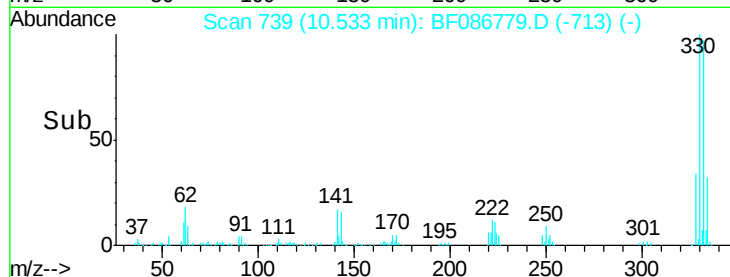
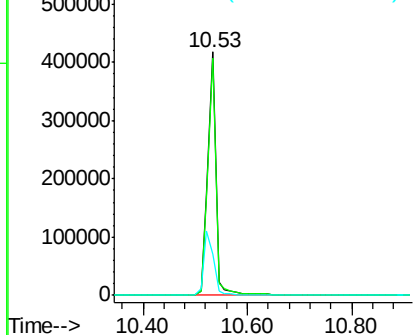
#41
 2,4,6-Tribromophenol
 Concen: 141.41 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086779.D
 Acq: 7 May 2016 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90240BL

Tgt Ion:330 Resp: 458179
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 32.1 31.2 46.8

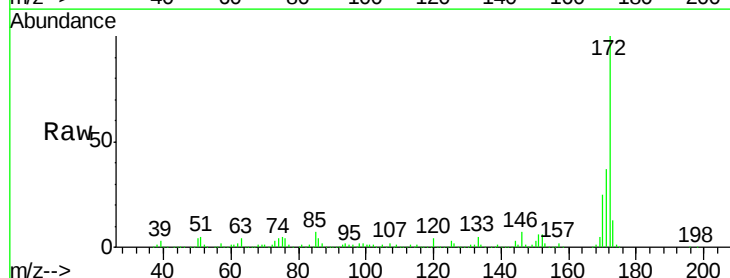


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

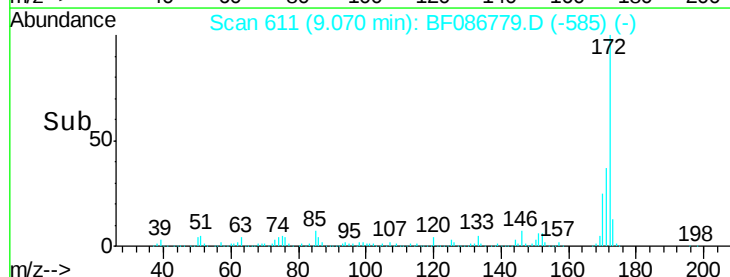
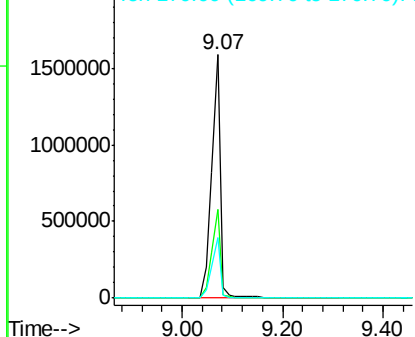


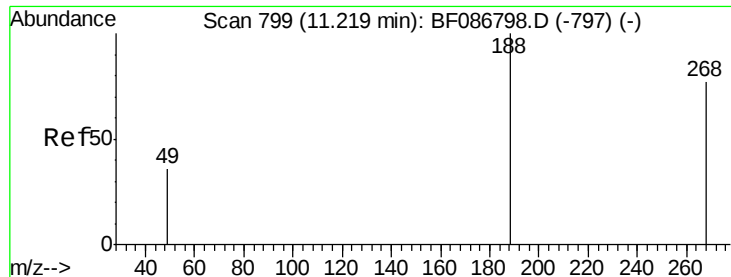
#44
 2-Fluorobiphenyl
 Concen: 95.26 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086779.D
 Acq: 7 May 2016 17:39

Tgt Ion:172 Resp: 1924902
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.9 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

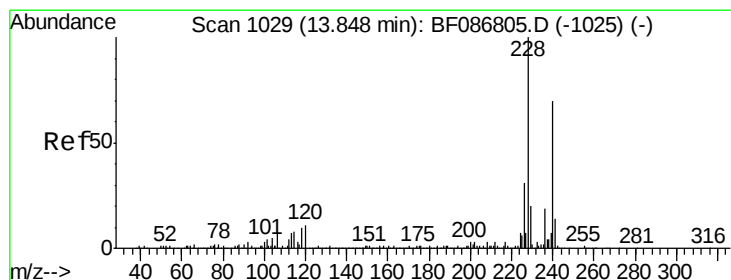
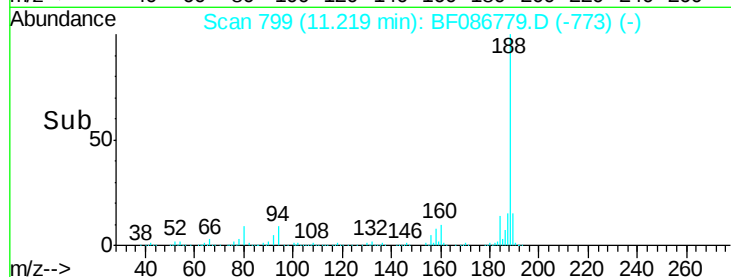
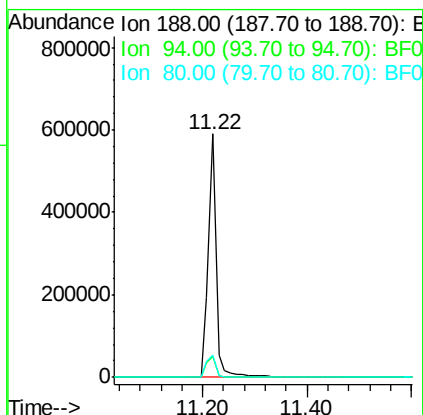
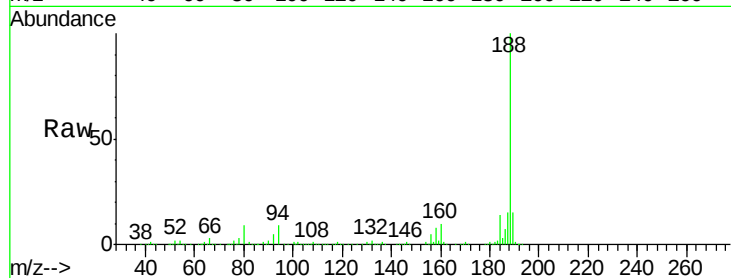




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

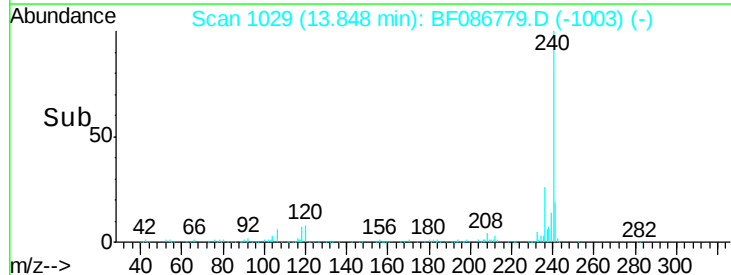
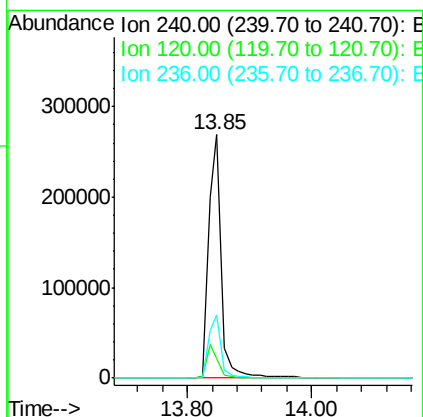
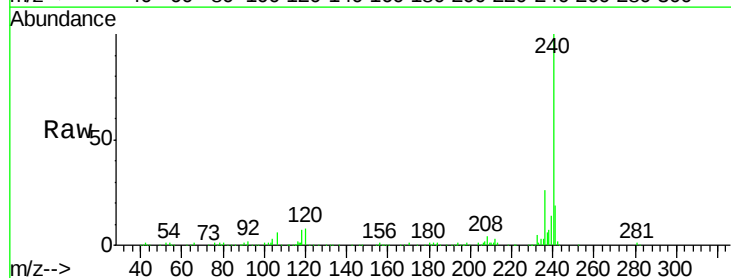
Instrument :
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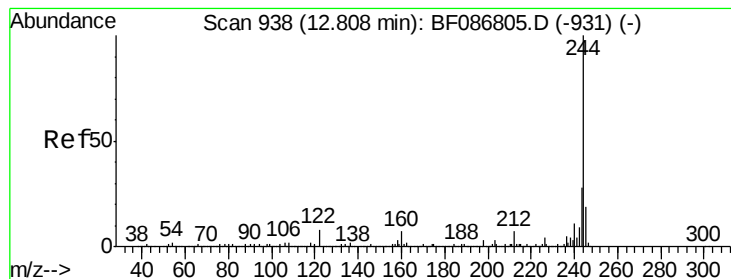
Tgt Ion:188 Resp: 624412
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 8.9 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086779.D
Acq: 7 May 2016 17:39

Tgt Ion:240 Resp: 377727
Ion Ratio Lower Upper
240 100
120 7.9 11.2 16.8#
236 25.9 21.2 31.8





#78

Terphenyl-d14

Concen: 85.75 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086779.D

Acq: 7 May 2016 17:39

Instrument :

BNA_F

ClientSampleId :

PB90240BL

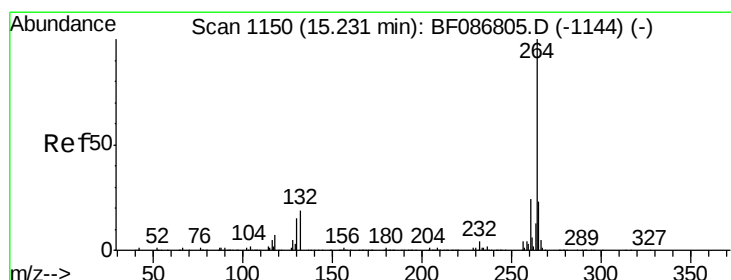
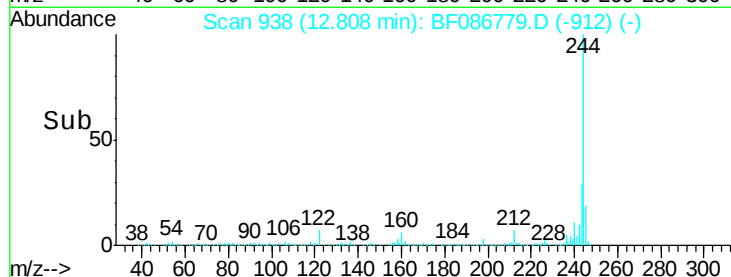
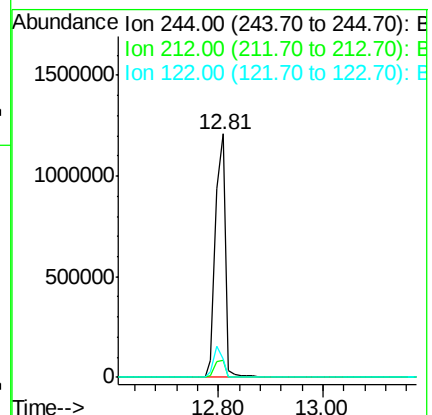
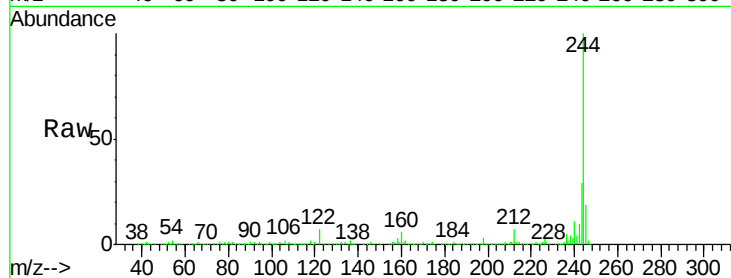
Tgt Ion:244 Resp: 1602587

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 7.3 12.0 18.0#



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF086779.D

Acq: 7 May 2016 17:39

Tgt Ion:264 Resp: 308189

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.2 17.3 25.9

