

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086986.D
 Acq On : 13 May 2016 22:50
 Operator : UM/SJ
 Sample : H2877-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Quant Time: May 13 23:23:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	133549	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	550514	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	273382	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	501024	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	469359	20.00	ng	-0.01
86) Perylene-d12	15.11	264	359261	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	498525	63.22	ng	0.00
7) Phenol-d6	6.27	99	397372	37.70	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1045097	95.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	380899	131.61	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1580781	97.18	ng	0.00
78) Terphenyl-d14	12.71	244	1633845	73.86	ng	-0.01

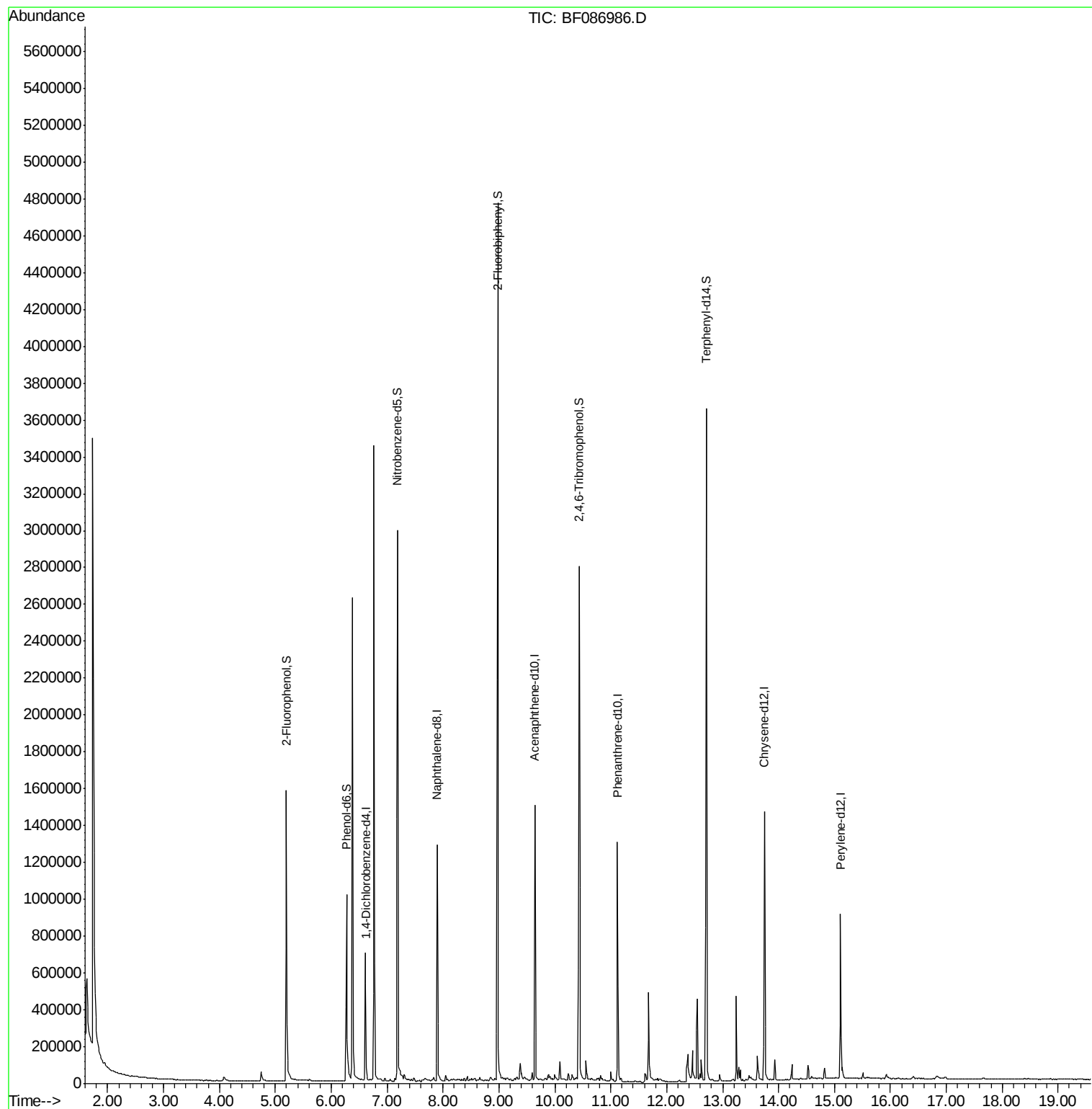
Target Compounds Qvalue

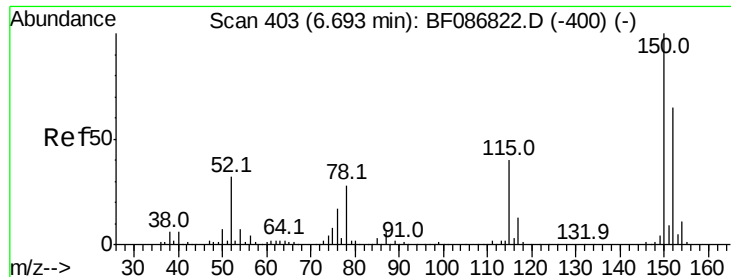
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

Instrument :

BNA_F

ClientSampled :

MW-35

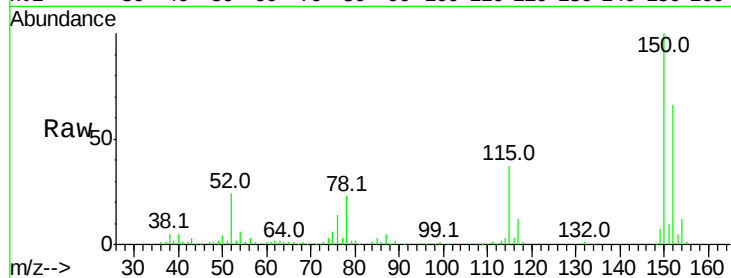
Tot Ion:152 Resp: 133549

Ion Ratio Lower Upper

152 100

150 150.9 125.8 188.6

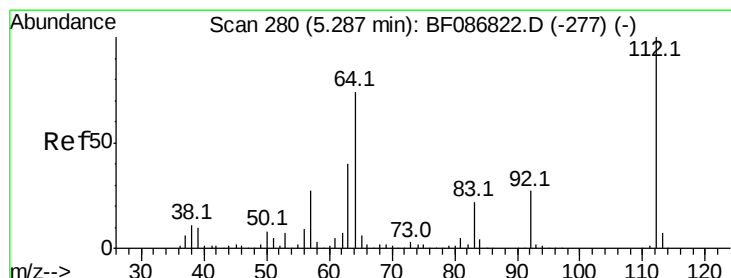
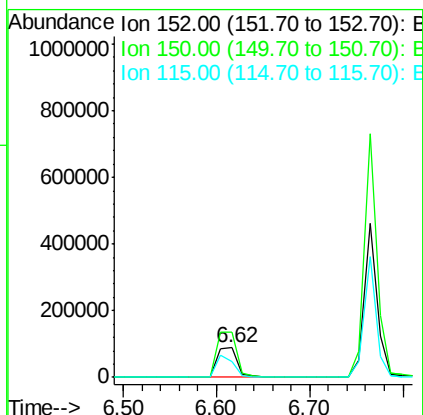
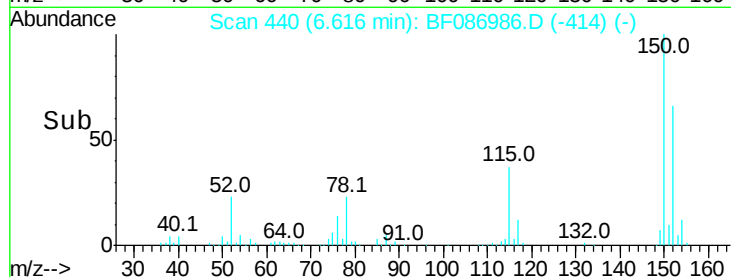
115 55.3 51.5 77.3



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: 63.22 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

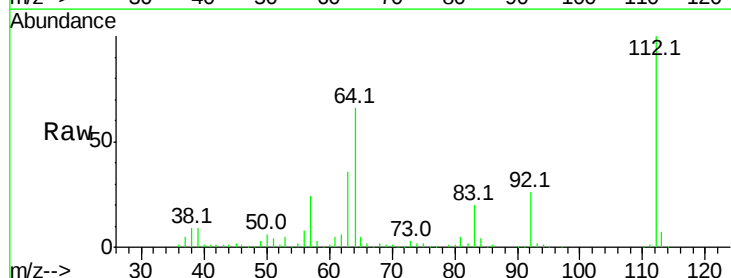
Tgt Ion:112 Resp: 498525

Ion Ratio Lower Upper

112 100

64 65.7 52.1 78.1

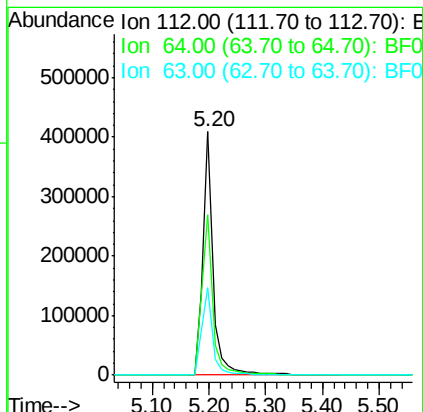
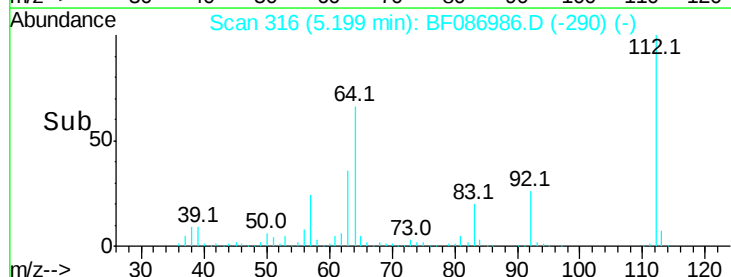
63 35.7 25.7 38.5

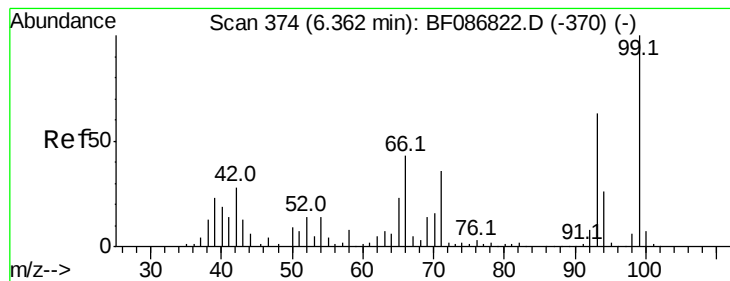


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.70 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

Instrument :

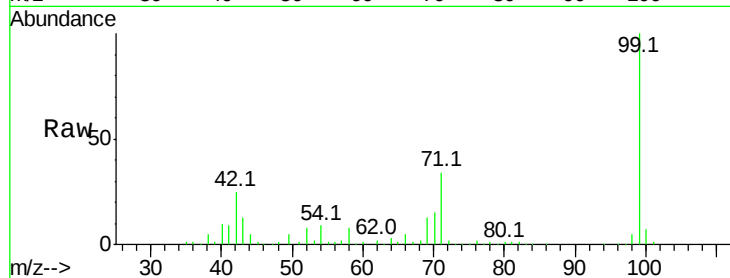
BNA_F

ClientSampleId :

MW-35

Tot Ion: 99 Resp: 397372

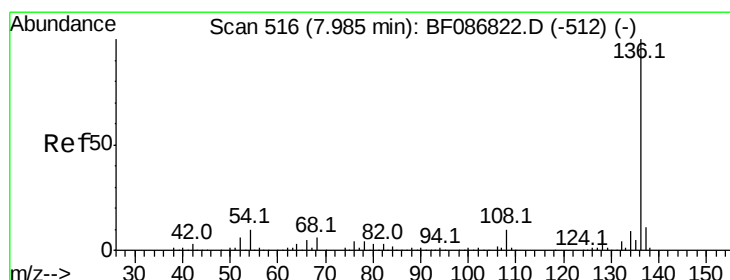
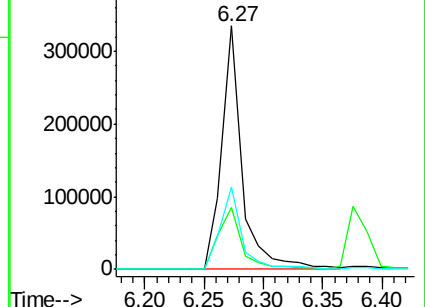
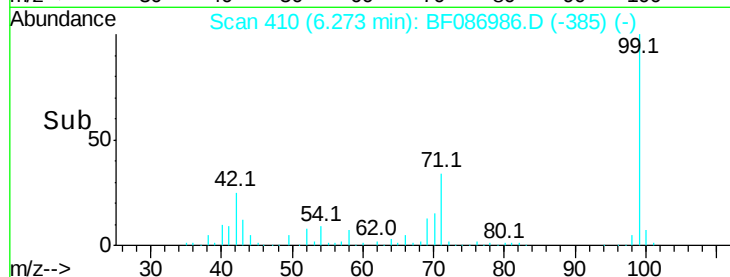
Ion	Ratio	Lower	Upper
99	100		
42	25.2	13.6	20.4#
71	33.6	24.6	36.8



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: 20.00 ng

RT: 7.90 min Scan# 552

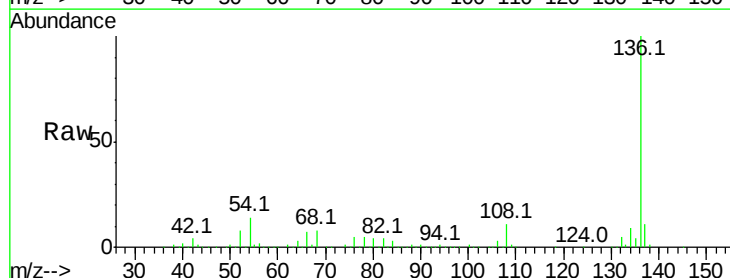
Delta R.T. -0.01 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

Tgt Ion: 136 Resp: 550514

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.0	5.0	7.4#
68	7.5	4.4	6.6#

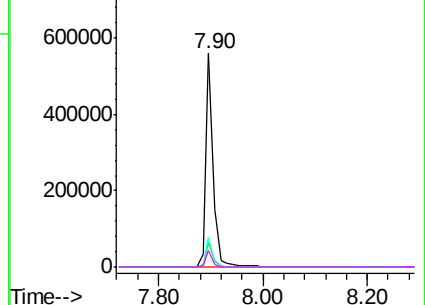
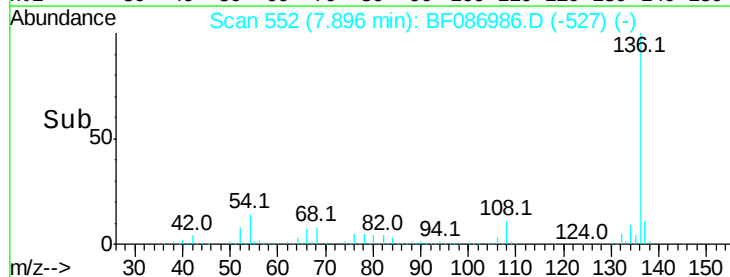


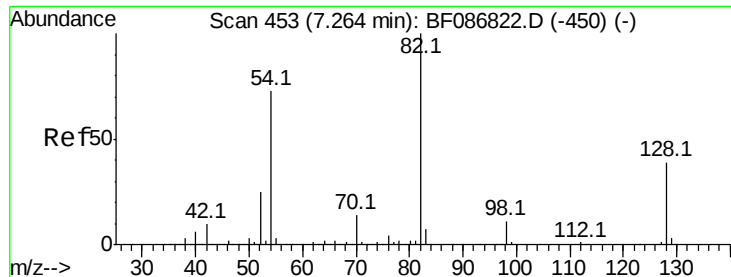
Abundance Ion 136.00 (135.70 to 136.70): E

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

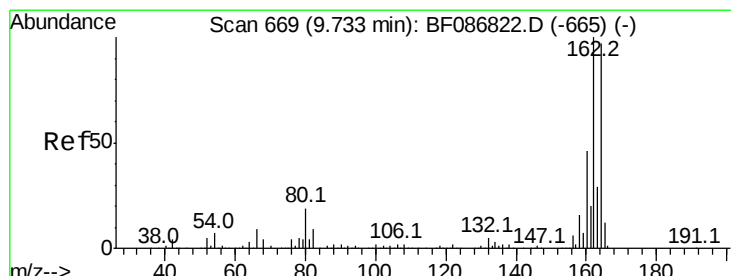
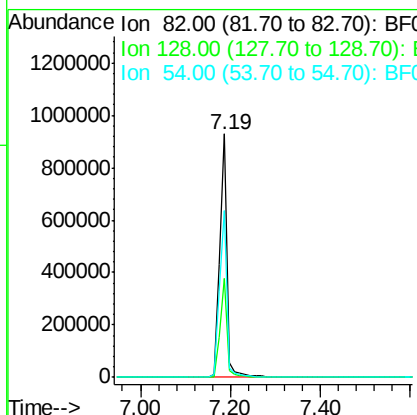
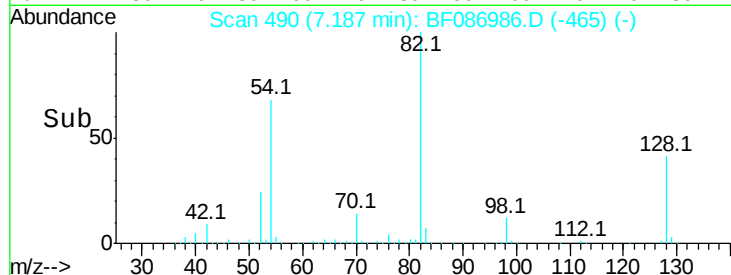
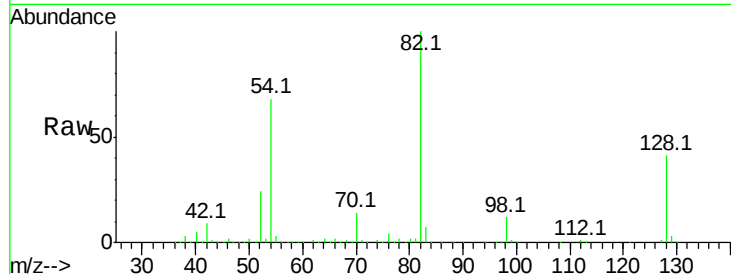




#23
 Nitrobenzene-d5
 Concen: 95.32 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

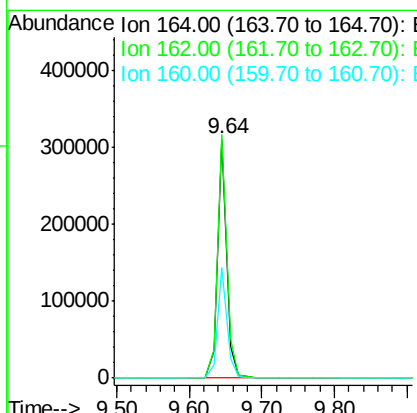
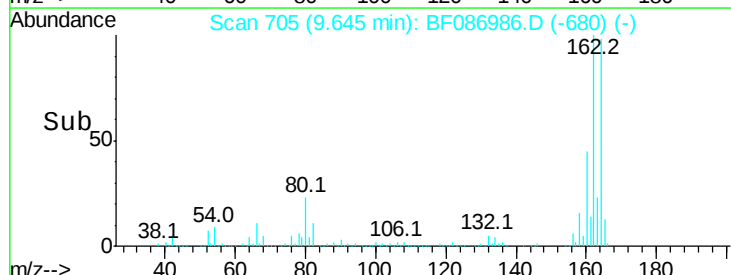
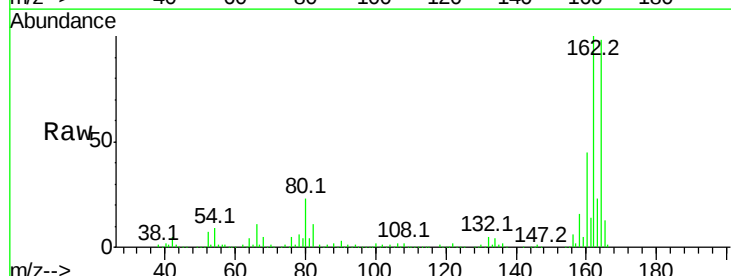
Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tot Ion: 82 Resp: 1045097
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.6 61.0#
 54 68.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Tgt Ion:164 Resp: 273382
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 46.3 36.9 55.3

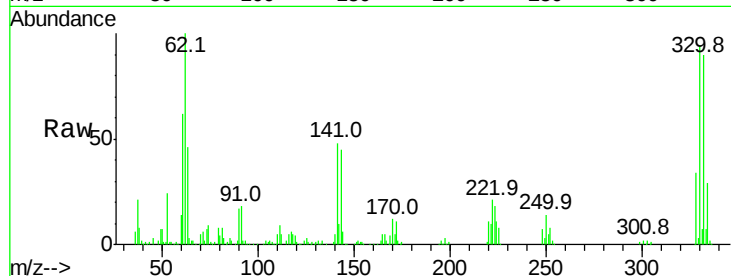




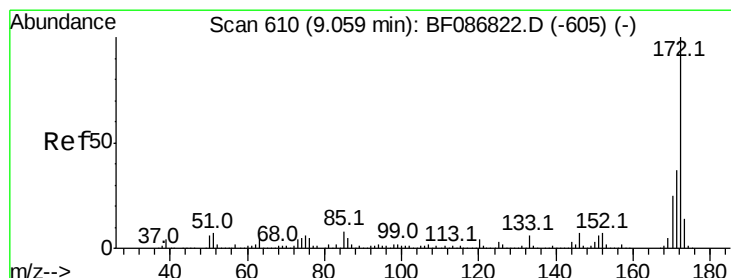
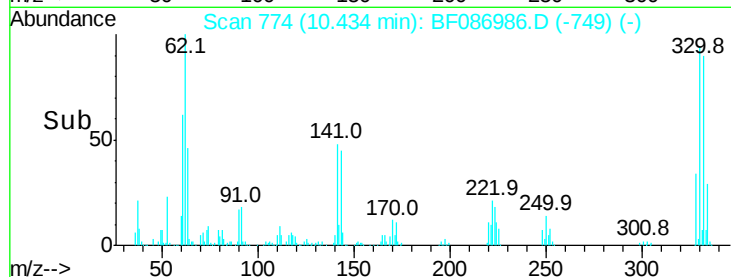
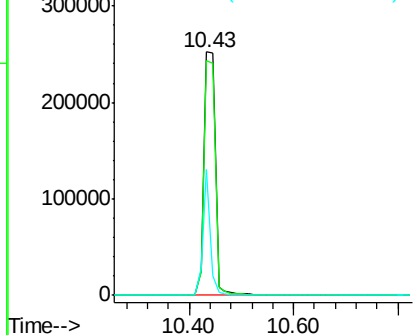
#41
 2,4,6-Tribromophenol
 Concen: 131.61 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	33.7	31.2	46.8

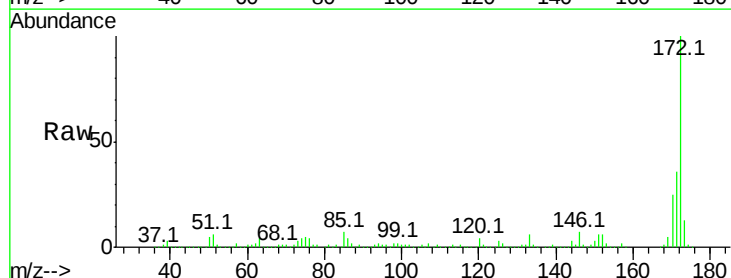


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

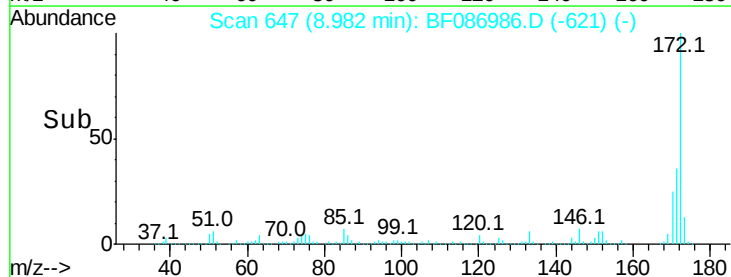
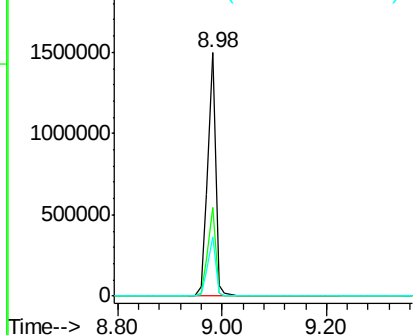


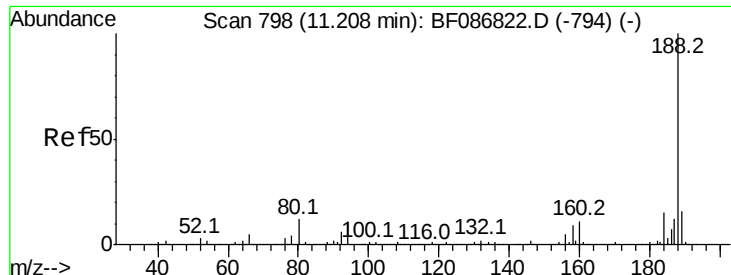
#44
 2-Fluorobiphenyl
 Concen: 97.18 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.6	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

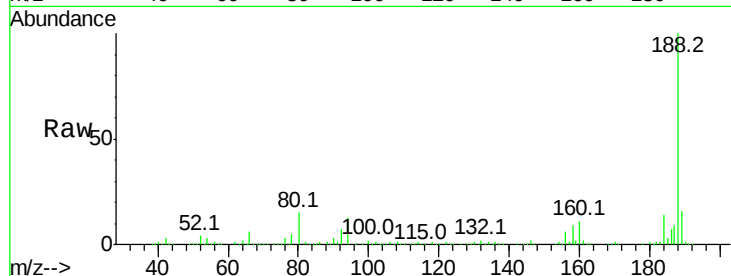




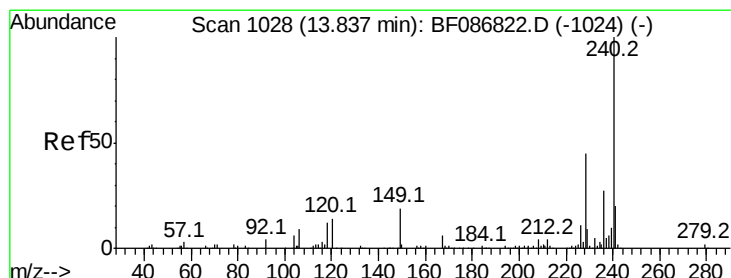
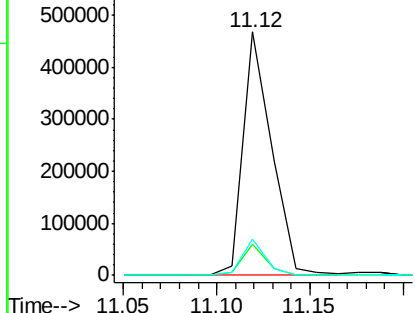
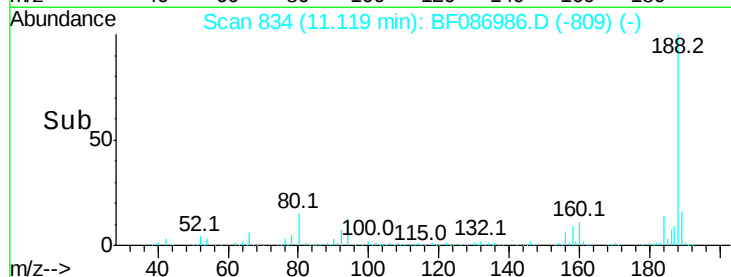
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF086986.D
Acq: 13 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
MW-35

Tot Ion:188 Resp: 501024
Ion Ratio Lower Upper
188 100
94 12.9 6.8 10.2#
80 14.8 7.1 10.7#

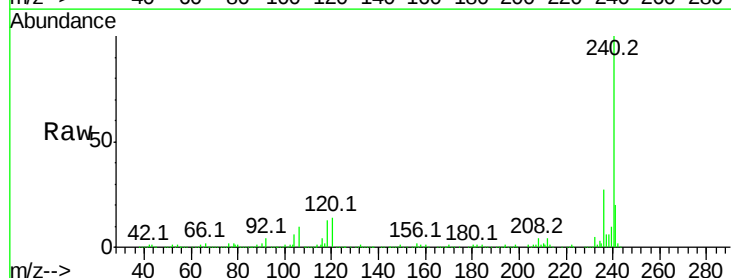


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

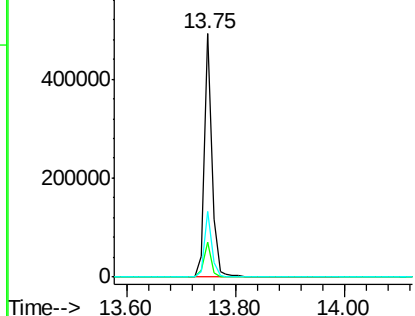
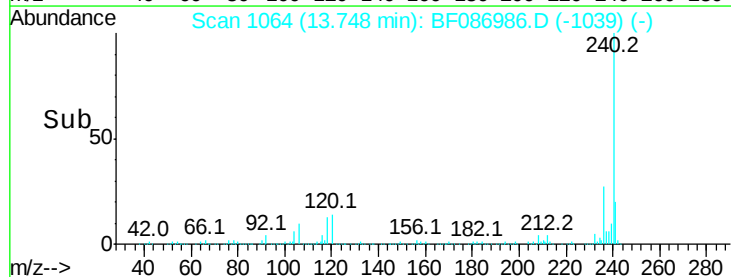


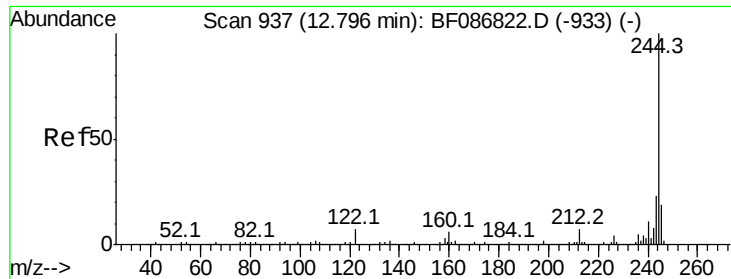
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086986.D
Acq: 13 May 2016 22:50

Tgt Ion:240 Resp: 469359
Ion Ratio Lower Upper
240 100
120 14.3 11.2 16.8
236 26.9 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

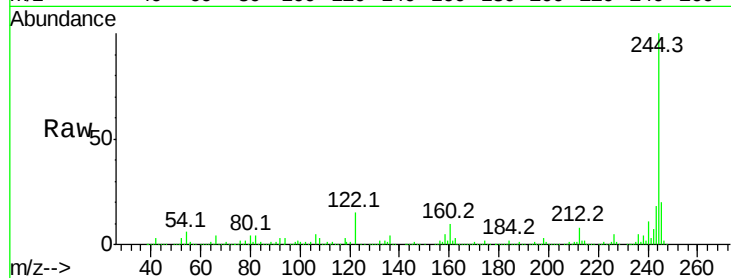




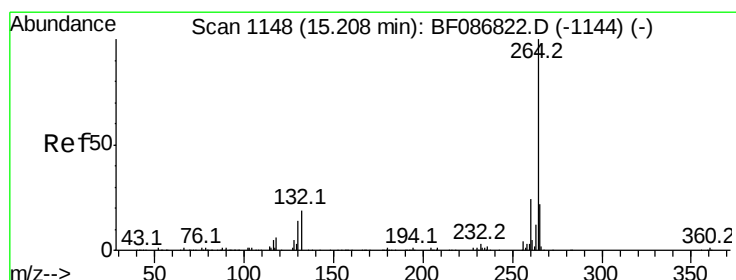
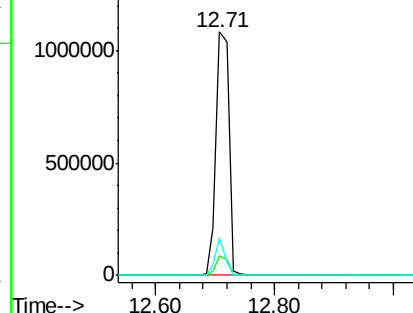
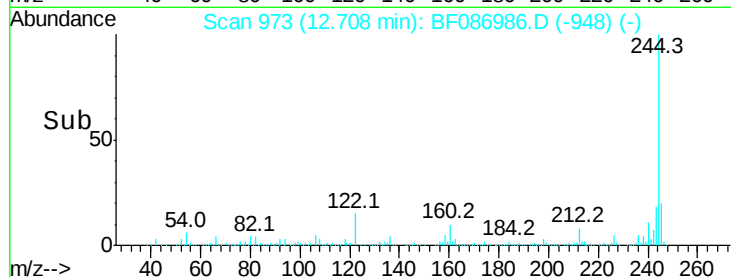
#78
 Terphenyl-d14
 Concen: 73.86 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tot Ion:244 Resp: 1633845
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 15.2 12.0 18.0

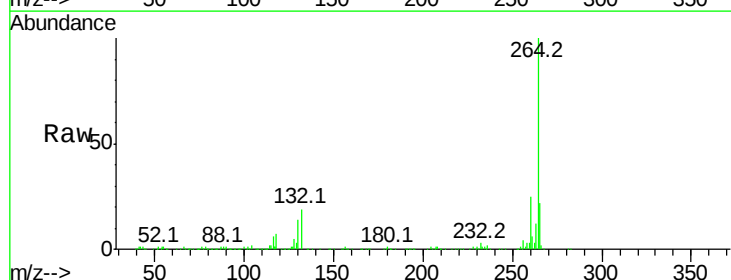


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Tgt Ion:264 Resp: 359261
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.7 17.3 25.9



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

