

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086370.D
 Acq On : 23 Apr 2016 4:51
 Operator : UM/SJ
 Sample : H2634-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Apr 25 01:06:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	180358	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	785768	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	344091	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	718693	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	605514	20.00	ng	-0.01
86) Perylene-d12	15.40	264	241819	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	683718	65.47	ng	0.01
7) Phenol-d6	6.46	99	603443	42.50	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1135007	85.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	439239	141.02	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2055311	101.93	ng	0.00
78) Terphenyl-d14	12.94	244	1722600	70.68	ng	0.00

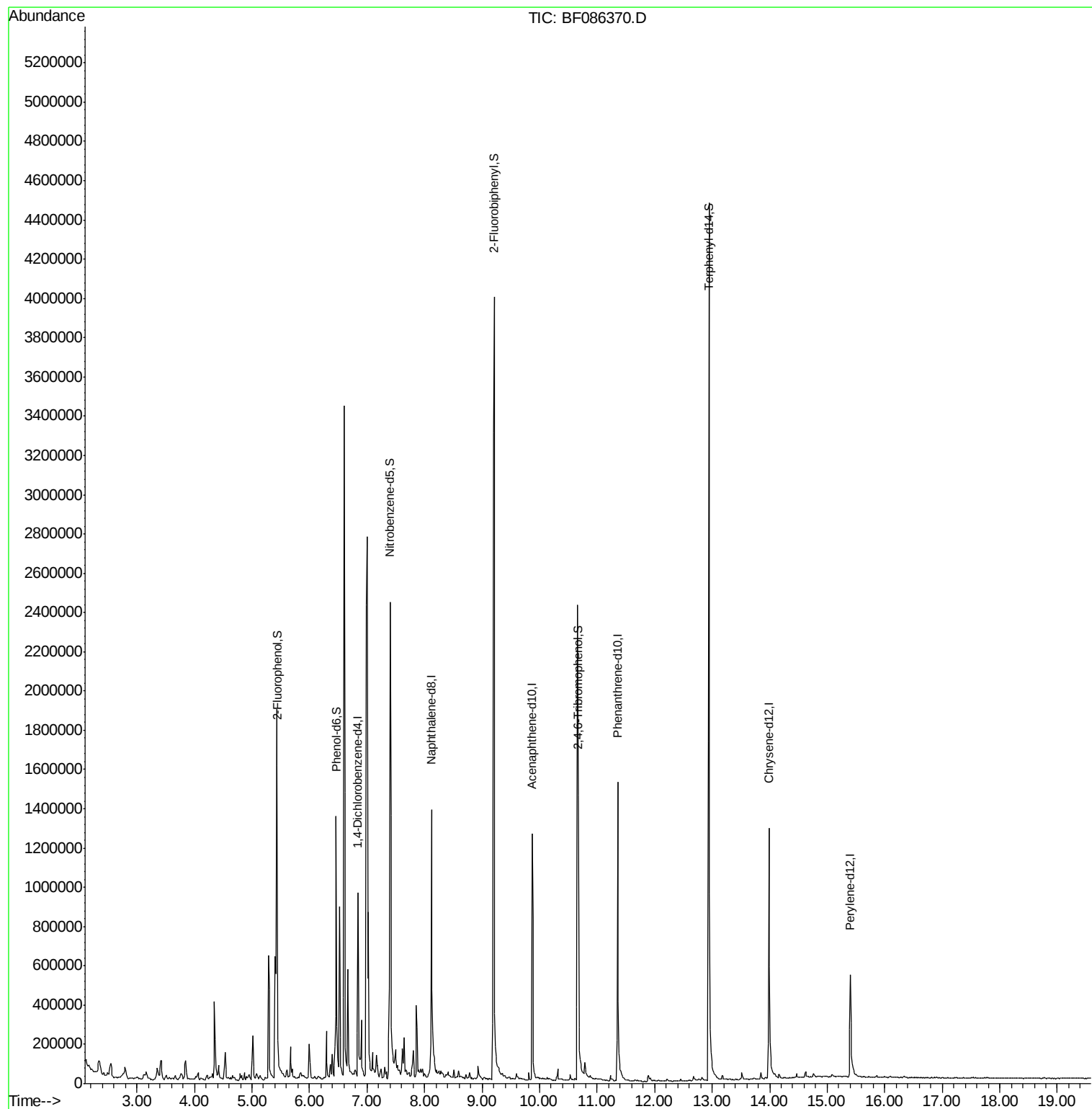
Target Compounds Qvalue

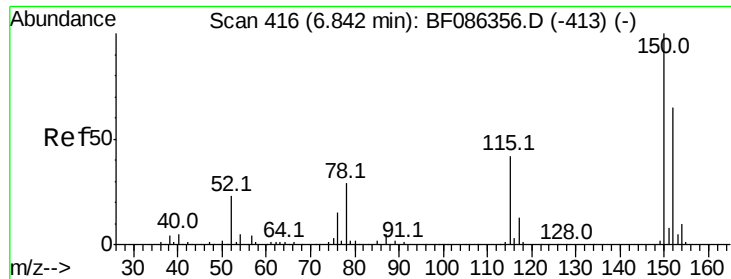
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 23 00:24:02 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampleId :

MW-1

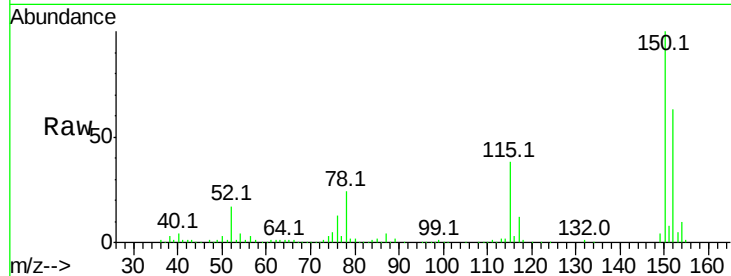
Tot Ion:152 Resp: 180358

Ion Ratio Lower Upper

152 100

150 158.9 125.8 188.6

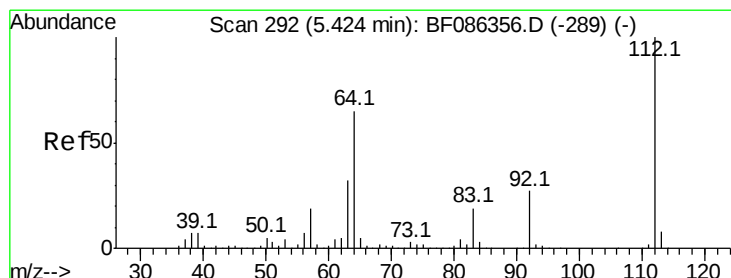
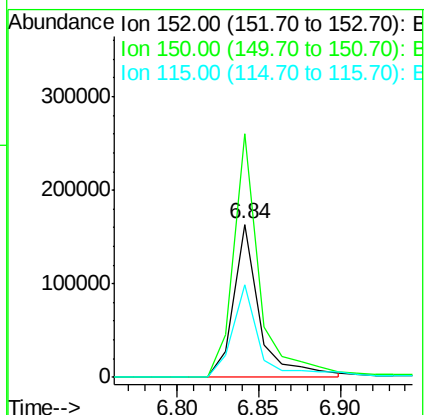
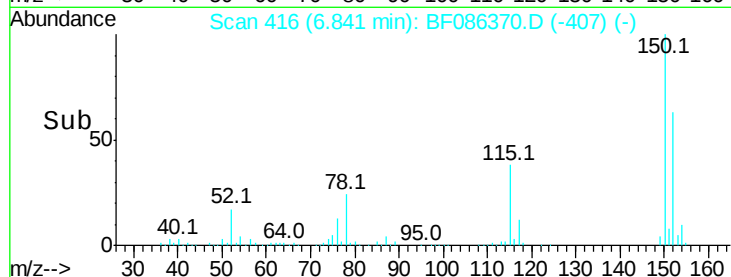
115 60.1 51.5 77.3



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: 65.47 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

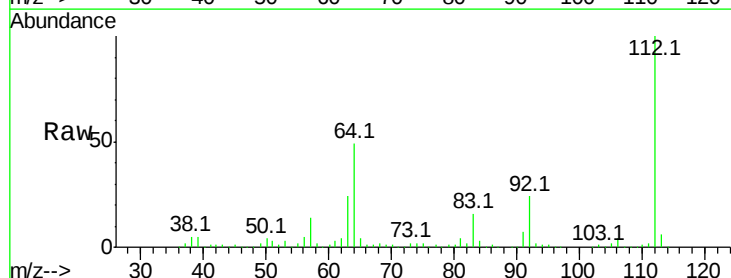
Tgt Ion:112 Resp: 683718

Ion Ratio Lower Upper

112 100

64 48.9 52.1 78.1#

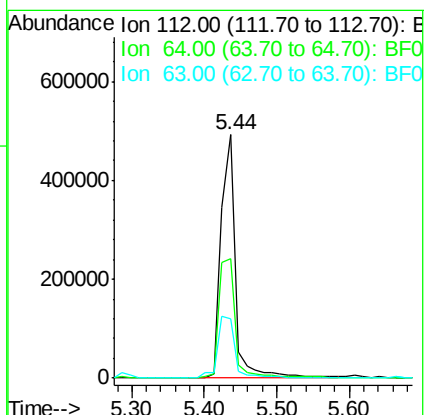
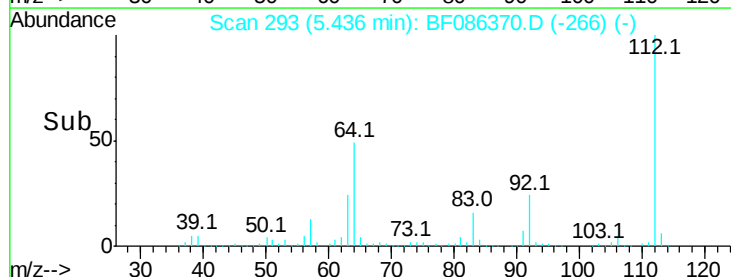
63 24.4 25.7 38.5#

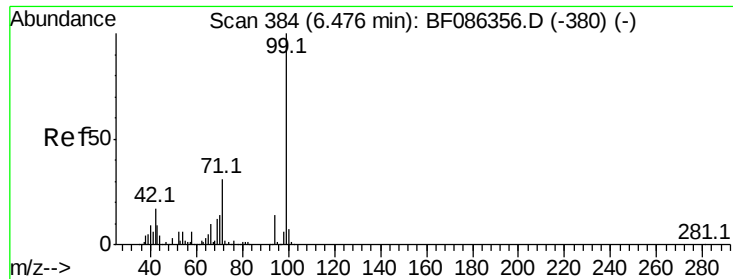


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.50 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampleId :

MW-1

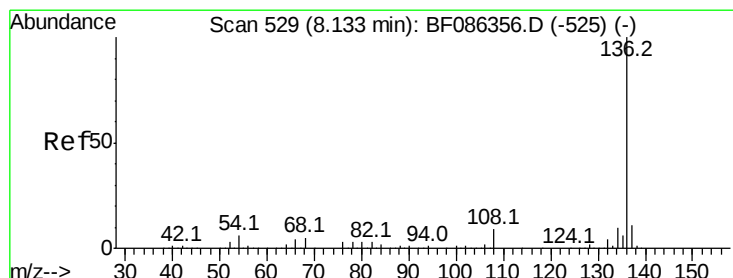
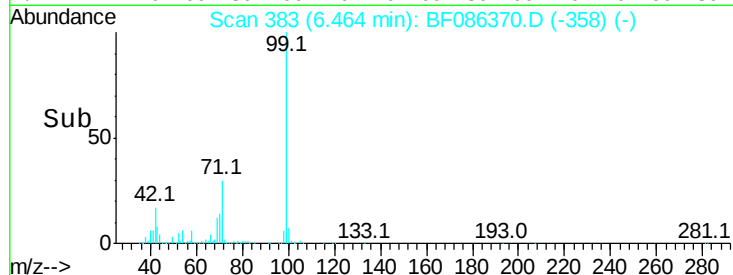
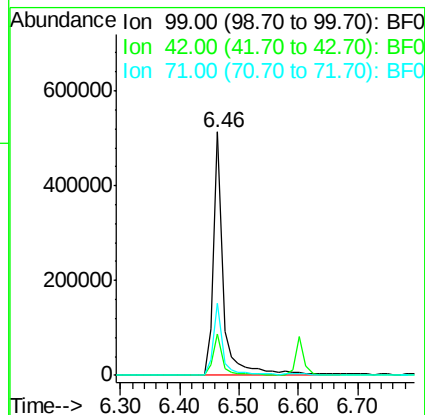
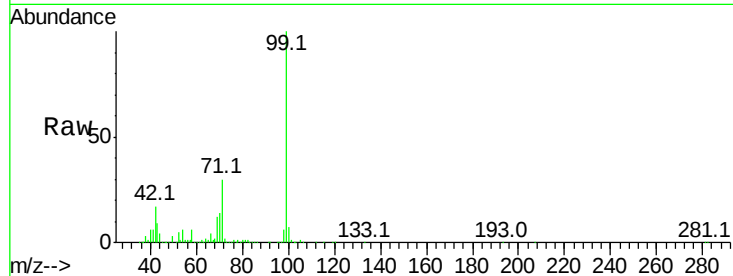
Tot Ion: 99 Resp: 603443

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

71 29.8 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Tgt Ion: 136 Resp: 785768

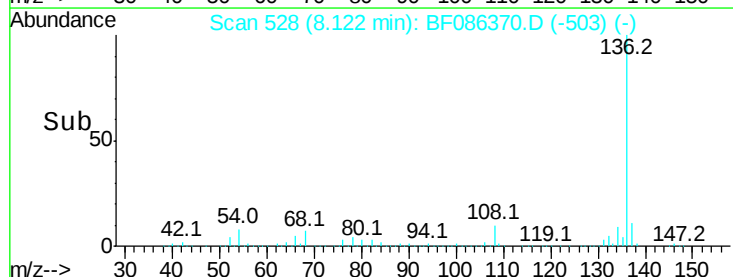
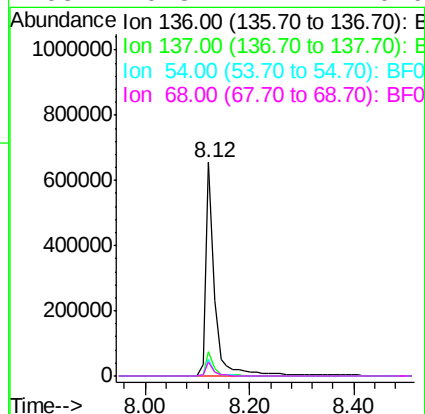
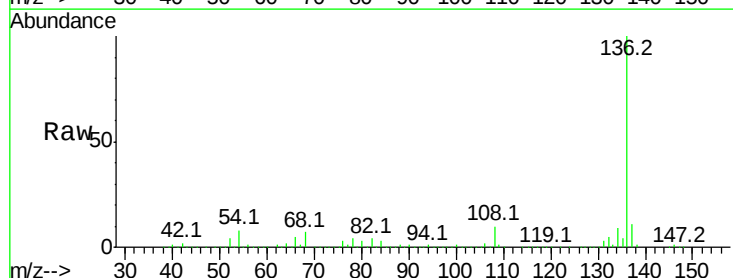
Ion Ratio Lower Upper

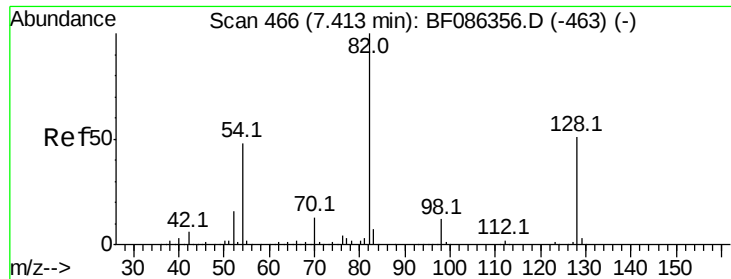
136 100

137 11.1 8.8 13.2

54 8.0 5.0 7.4#

68 6.8 4.4 6.6#



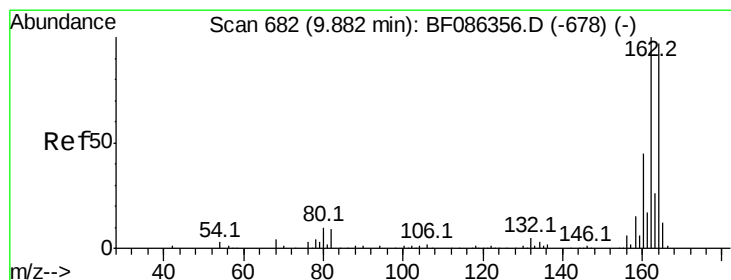
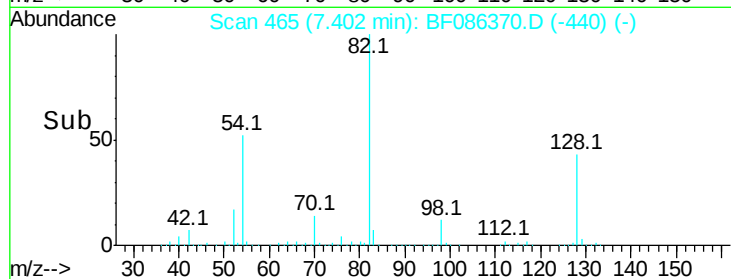
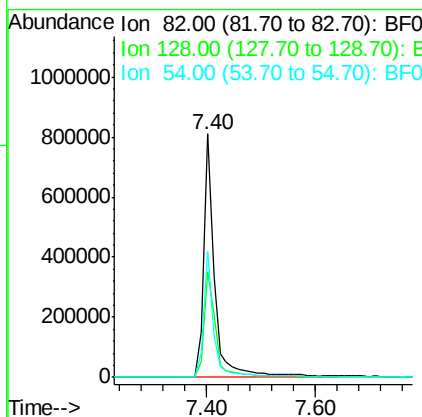
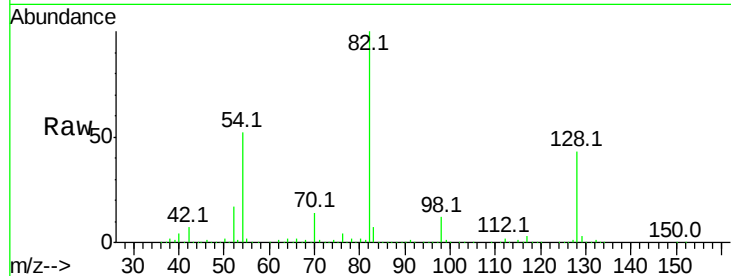


#23
 Nitrobenzene-d5
 Concen: 85.57 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086370.D
 Acq: 23 Apr 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion: 82 Resp: 1135007

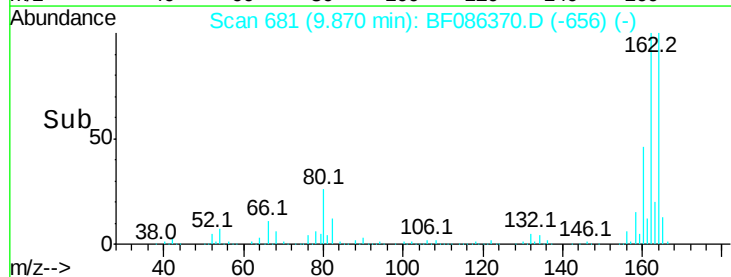
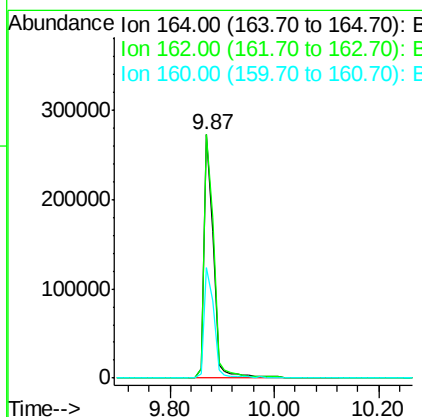
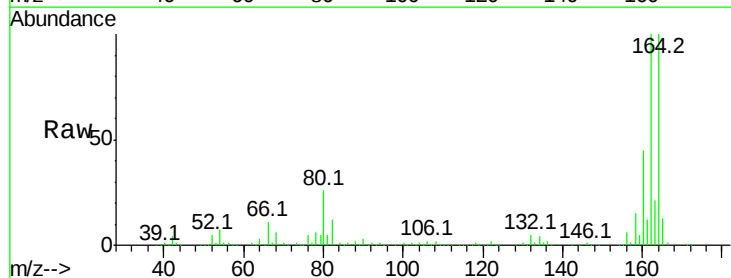
Ion	Ratio	Lower	Upper
82	100		
128	43.3	40.6	61.0
54	52.0	38.1	57.1

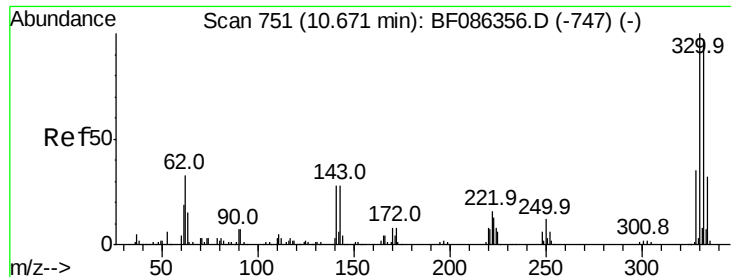


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086370.D
 Acq: 23 Apr 2016 4:51

Tgt Ion: 164 Resp: 344091

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.8	124.2
160	45.4	36.9	55.3

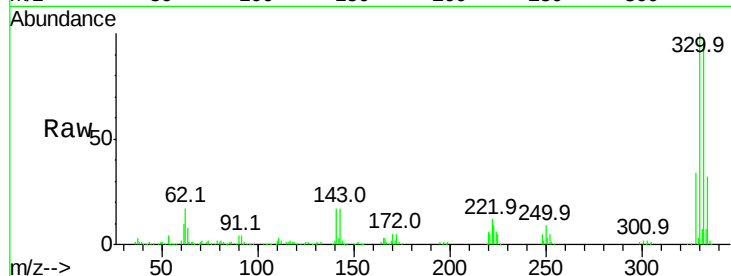




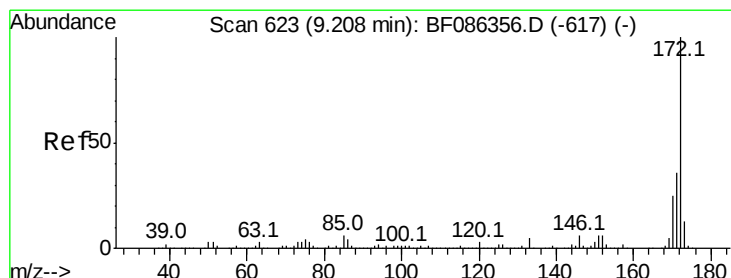
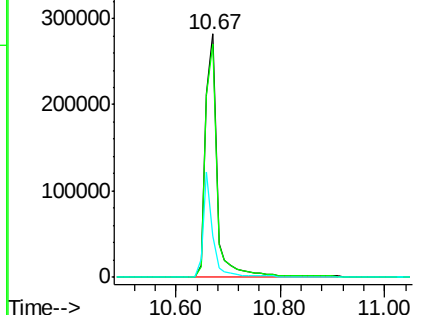
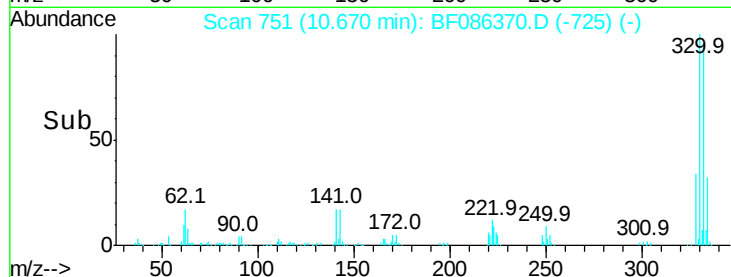
#41
 2,4,6-Tribromophenol
 Concen: 141.02 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086370.D
 Acq: 23 Apr 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:330 Resp: 439239
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 36.1 31.2 46.8

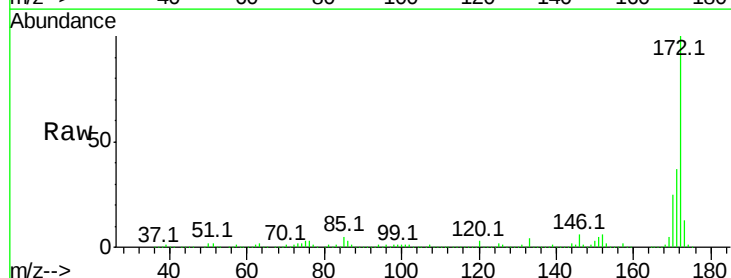


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

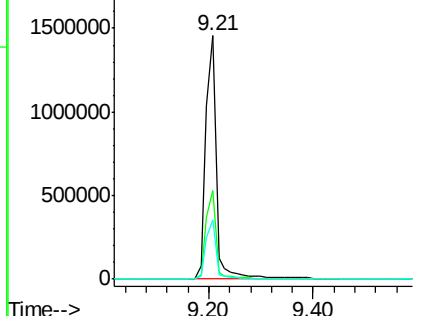
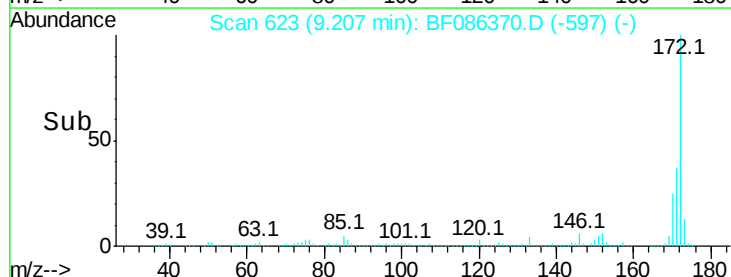


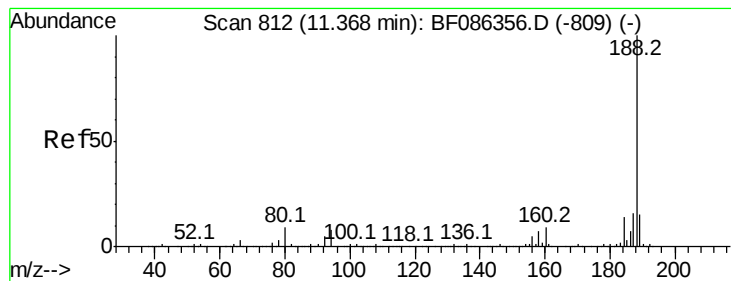
#44
 2-Fluorobiphenyl
 Concen: 101.93 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086370.D
 Acq: 23 Apr 2016 4:51

Tgt Ion:172 Resp: 2055311
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.5 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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

Instrument :

BNA_F

ClientSampleId :

MW-1

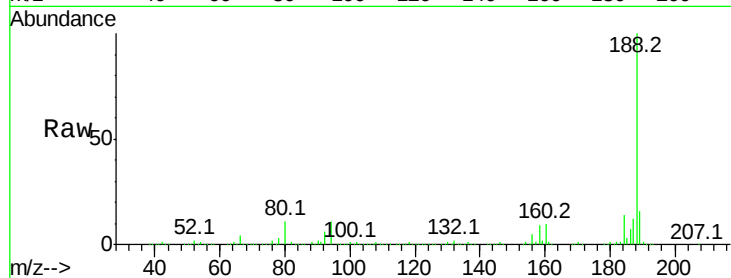
Tot Ion:188 Resp: 718693

Ion Ratio Lower Upper

188 100

94 10.8 6.8 10.2#

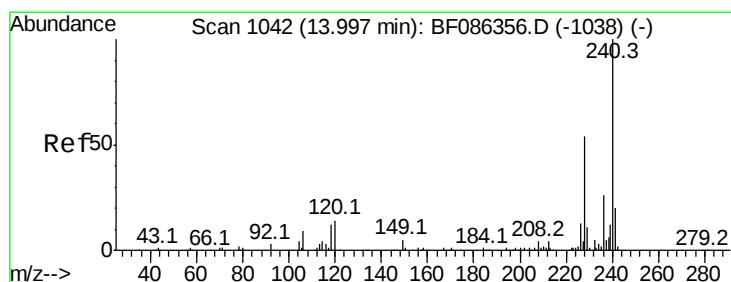
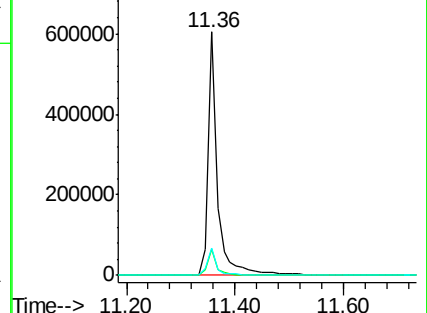
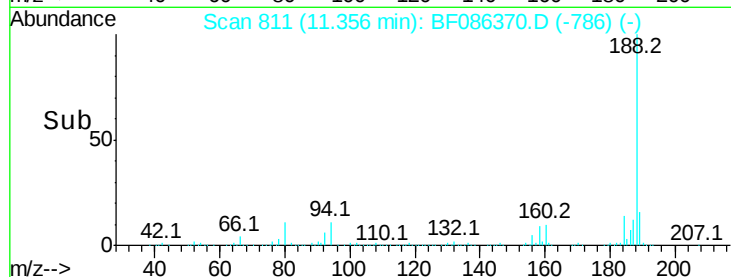
80 11.2 7.1 10.7#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086370.D

Acq: 23 Apr 2016 4:51

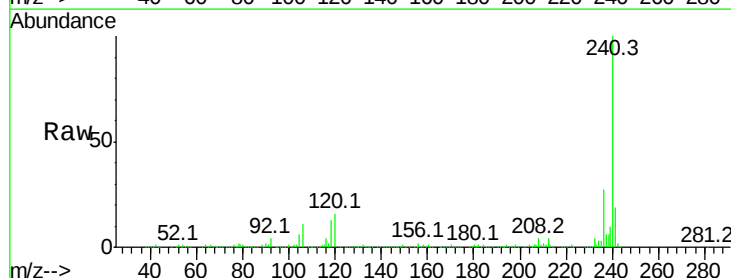
Tgt Ion:240 Resp: 605514

Ion Ratio Lower Upper

240 100

120 16.0 11.2 16.8

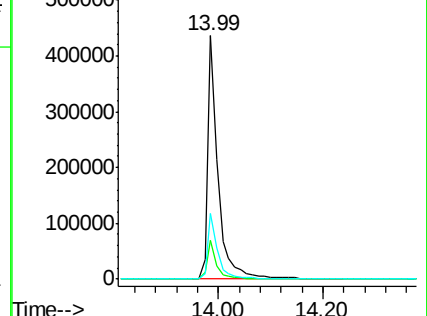
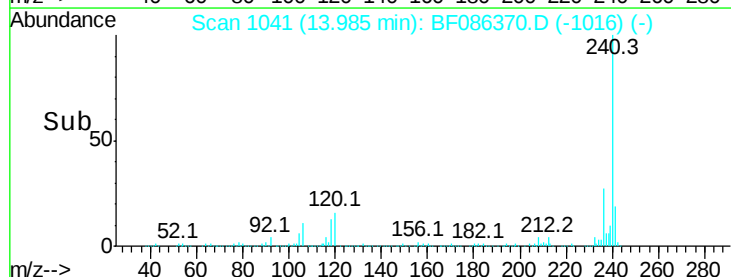
236 26.9 21.2 31.8

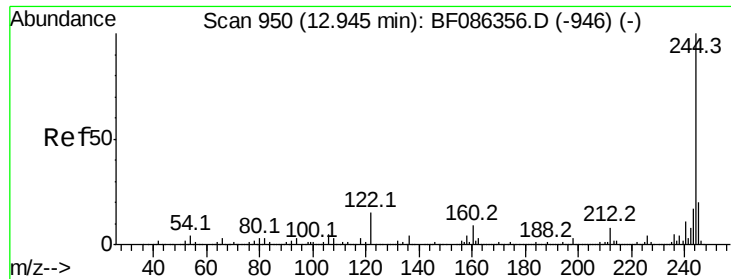


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

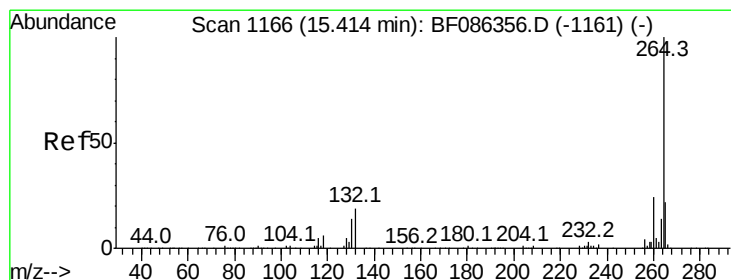
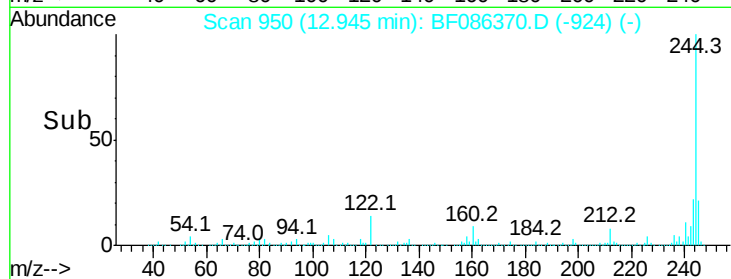
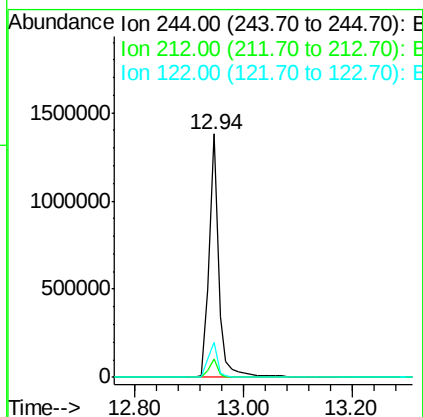
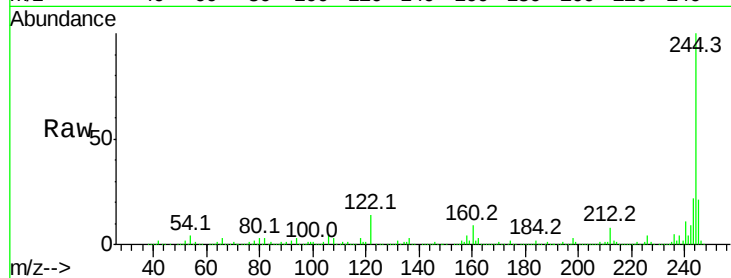




#78
 Terphenyl-d14
 Concen: 70.68 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086370.D
 Acq: 23 Apr 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:244 Resp: 1722600
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.1 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086370.D
 Acq: 23 Apr 2016 4:51

Tgt Ion:264 Resp: 241819
 Ion Ratio Lower Upper
 264 100
 260 27.2 19.5 29.3
 265 19.6 17.3 25.9

