

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086365.D
 Acq On : 23 Apr 2016 2:24
 Operator : UM/SJ
 Sample : PB89976BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BL

Quant Time: Apr 23 03:33:30 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	175677	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	761404	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	354496	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	746760	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	647785	20.00	ng	-0.01
86) Perylene-d12	15.40	264	584818	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	982582	96.59	ng	0.01
7) Phenol-d6	6.46	99	1342733	97.09	ng	-0.01
23) Nitrobenzene-d5	7.40	82	851120	66.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	332326	103.56	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1549896	74.61	ng	-0.01
78) Terphenyl-d14	12.94	244	1512558	58.01	ng	0.00

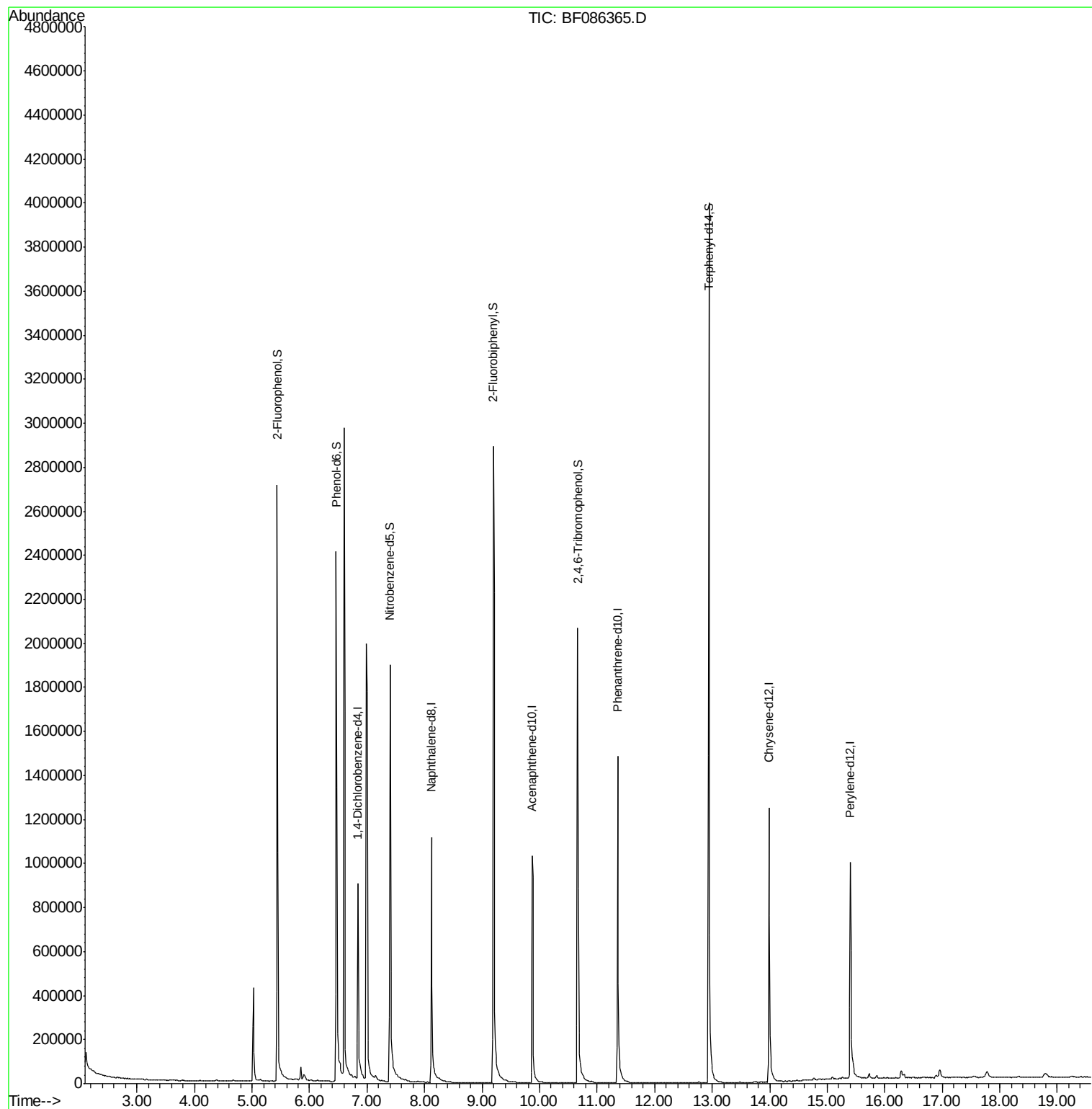
Target Compounds Qvalue

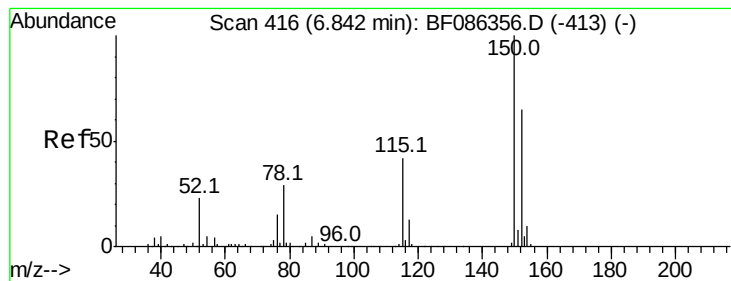
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

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BNA_F

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PB89976BL

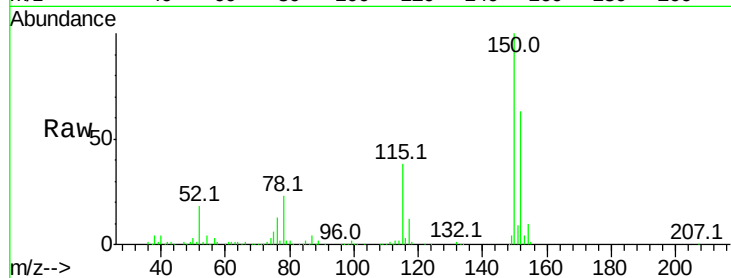
Tot Ion:152 Resp: 175677

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.6

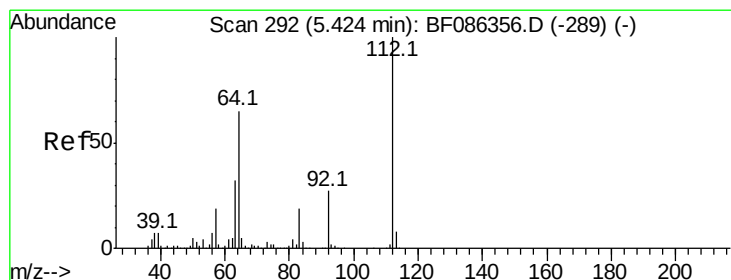
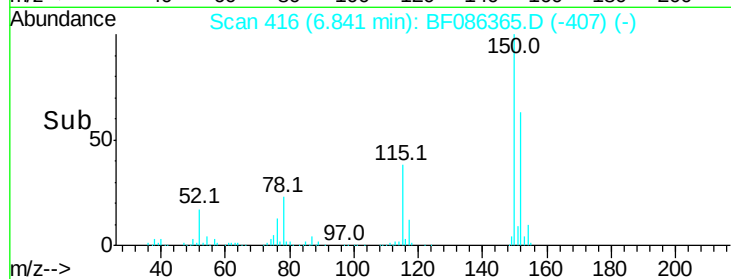
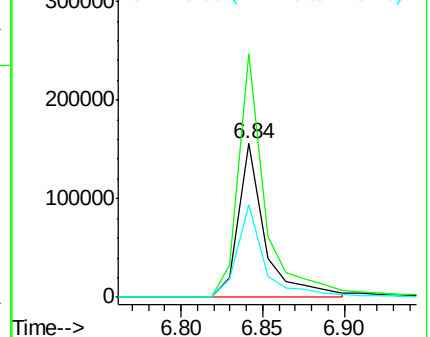
115 60.6 51.5 77.3



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: 96.59 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

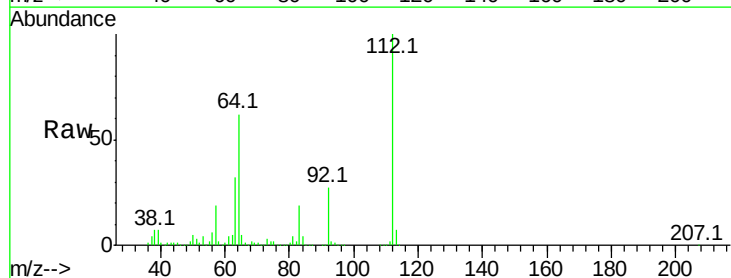
Tgt Ion:112 Resp: 982582

Ion Ratio Lower Upper

112 100

64 62.4 52.1 78.1

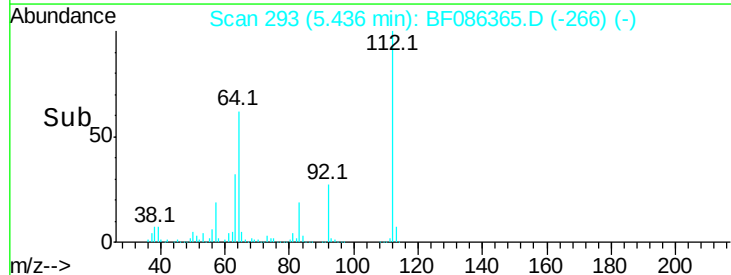
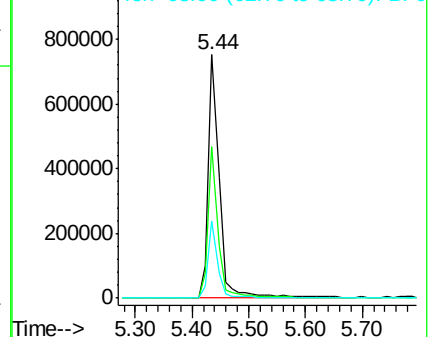
63 31.8 25.7 38.5

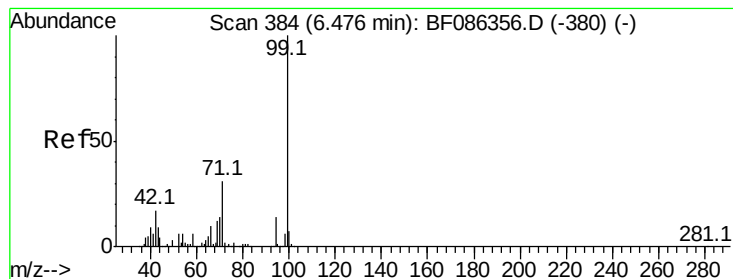


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.09 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

Instrument :

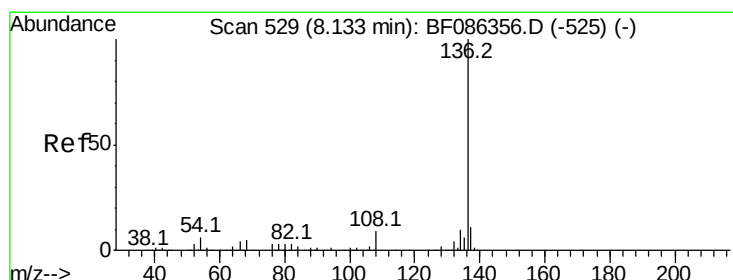
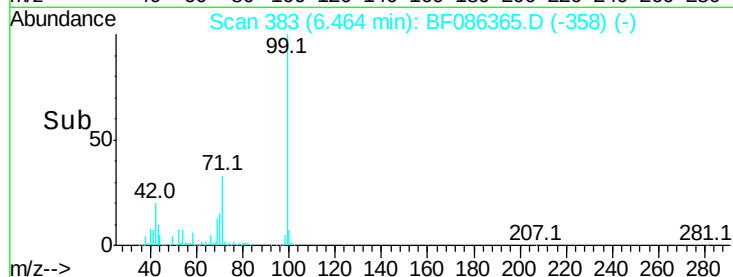
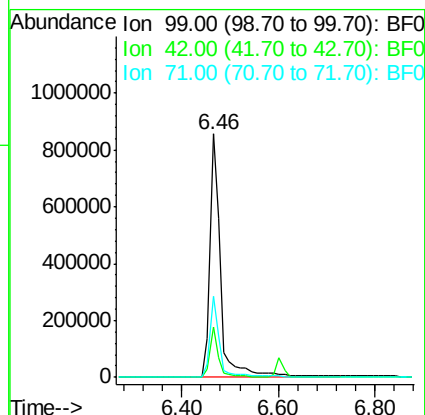
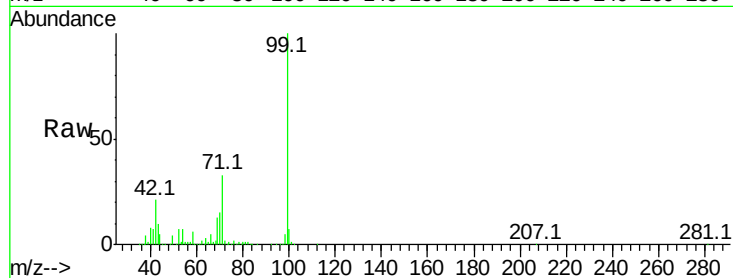
BNA_F

ClientSampleId :

PB89976BL

Tot Ion: 99 Resp: 1342733

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.6	20.4#
71	33.3	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

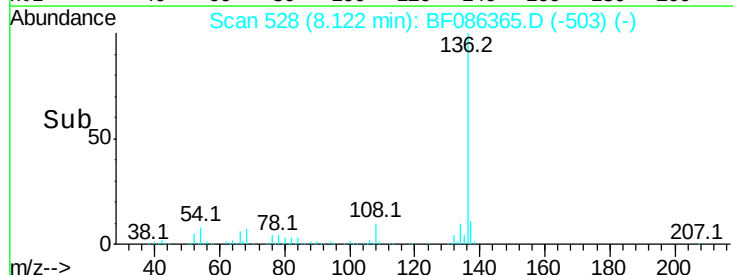
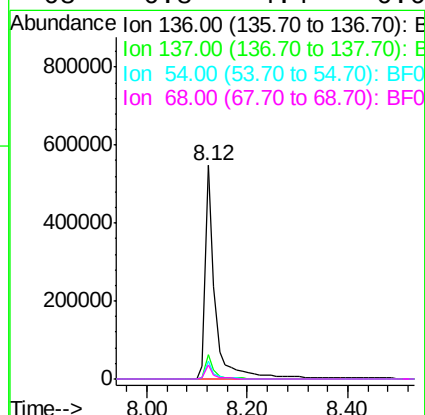
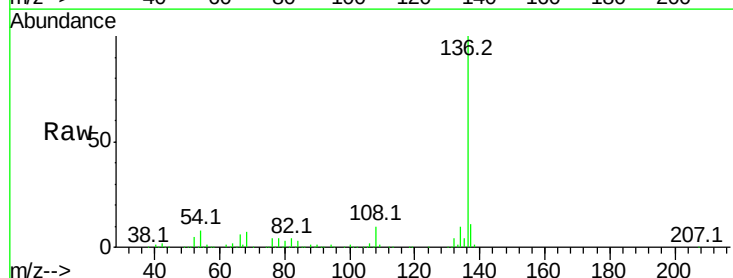
Delta R.T. -0.01 min

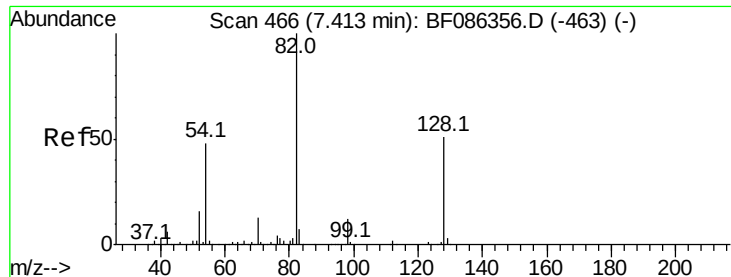
Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

Tgt Ion: 136 Resp: 761404

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	5.0	7.4#
68	6.8	4.4	6.6#

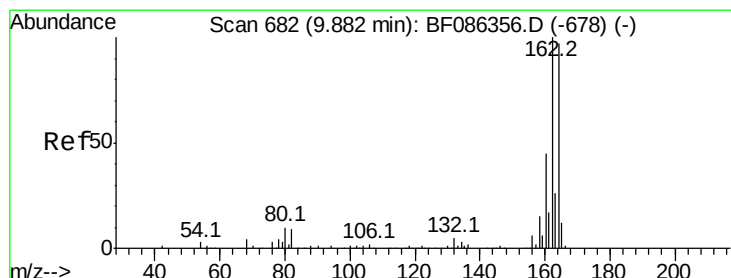
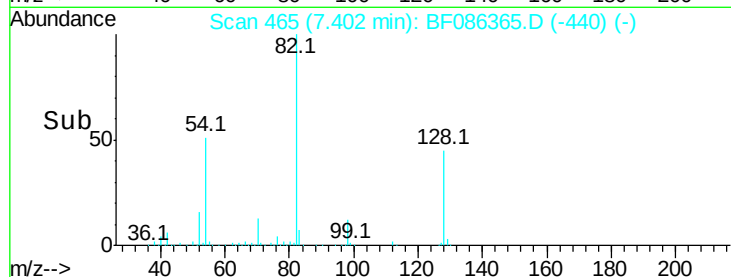
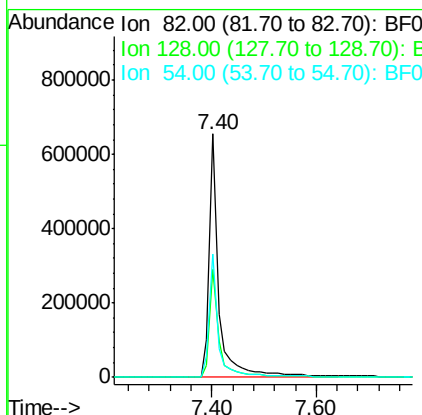
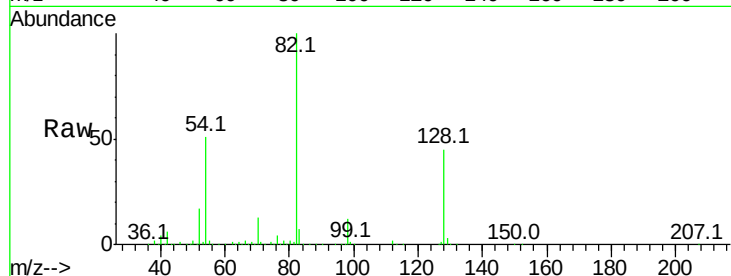




#23
 Nitrobenzene-d5
 Concen: 66.22 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086365.D
 Acq: 23 Apr 2016 2:24

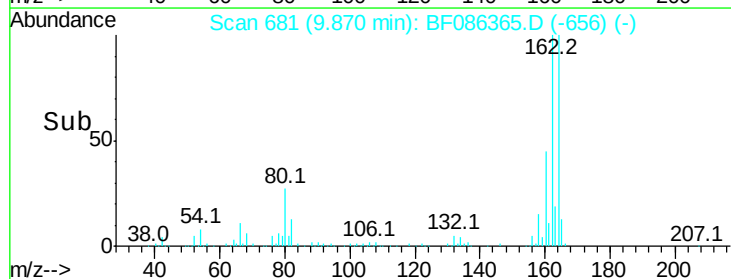
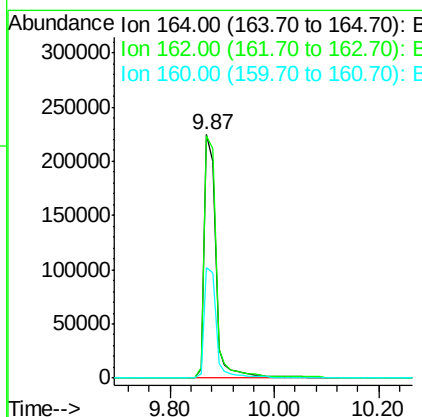
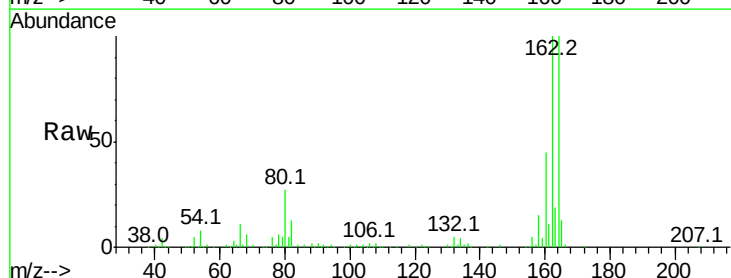
Instrument :
 BNA_F
 ClientSampleID :
 PB89976BL

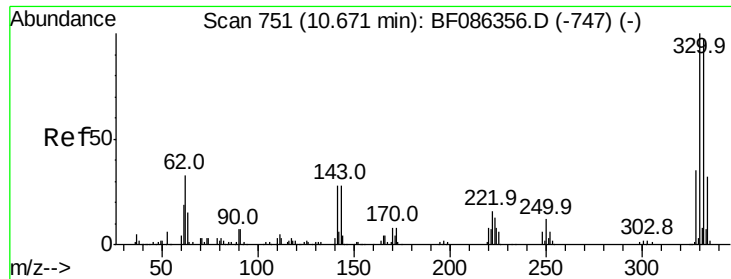
Tot Ion: 82 Resp: 851120
 Ion Ratio Lower Upper
 82 100
 128 44.5 40.6 61.0
 54 50.6 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086365.D
 Acq: 23 Apr 2016 2:24

Tgt Ion:164 Resp: 354496
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.8 124.2
 160 45.5 36.9 55.3

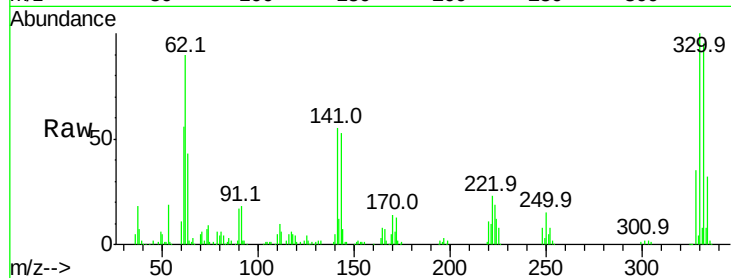




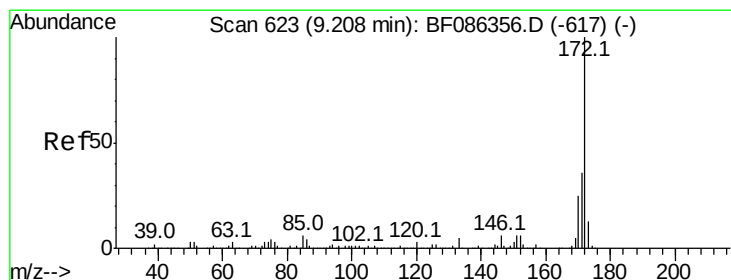
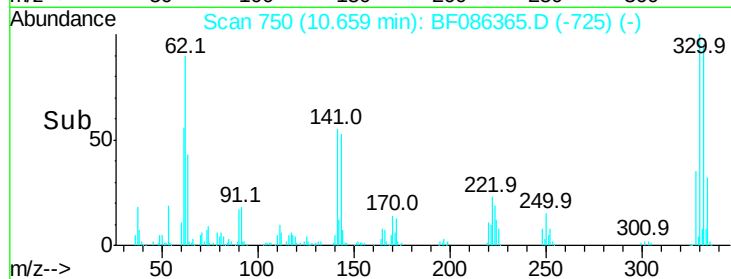
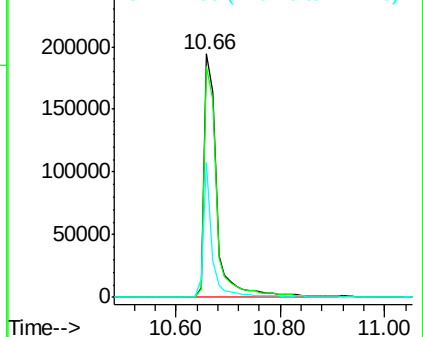
#41
 2,4,6-Tribromophenol
 Concen: 103.56 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF086365.D
 Acq: 23 Apr 2016 2:24

Instrument :
 BNA_F
 ClientSampled :
 PB89976BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	38.4	31.2	46.8

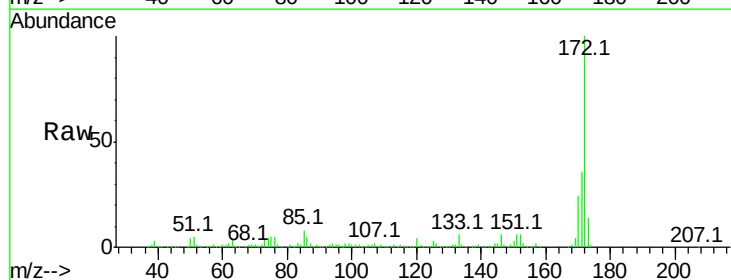


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

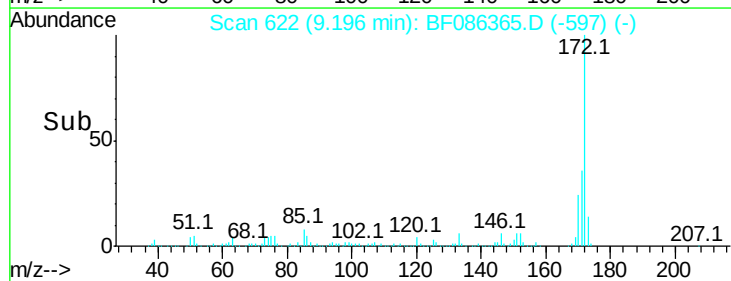
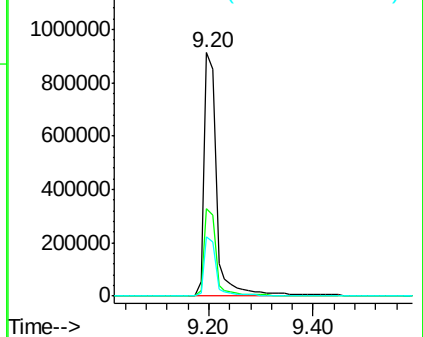


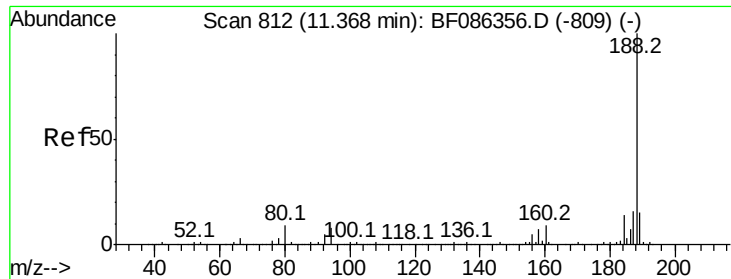
#44
 2-Fluorobiphenyl
 Concen: 74.61 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086365.D
 Acq: 23 Apr 2016 2:24

Tgt 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

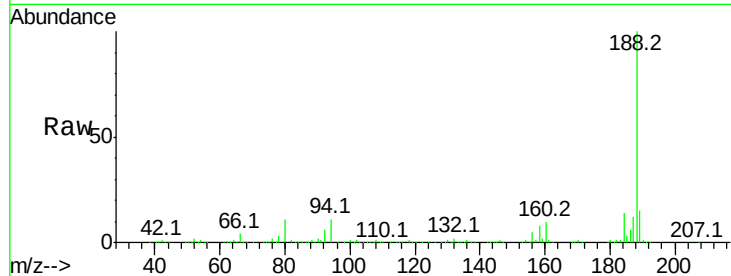




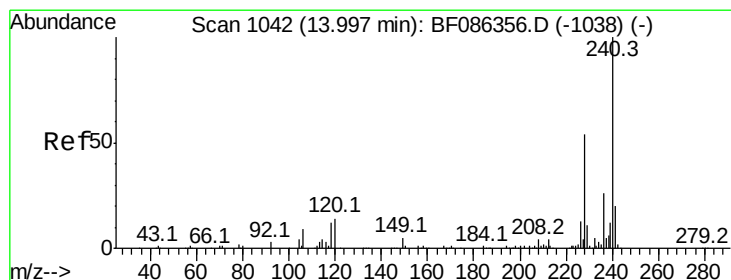
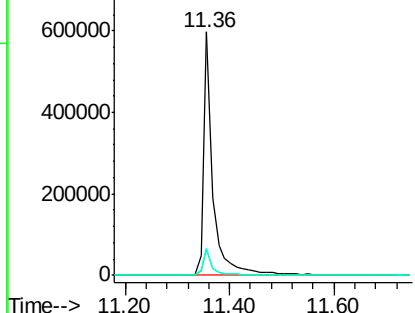
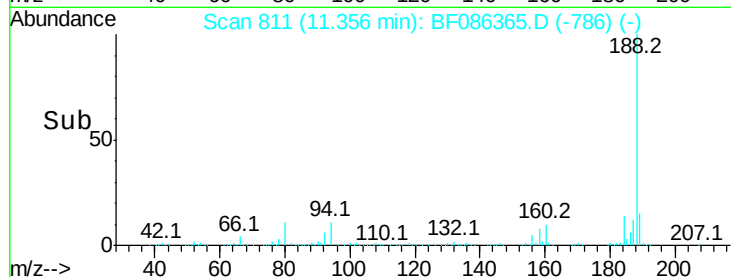
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086365.D
Acq: 23 Apr 2016 2:24

Instrument :
BNA_F
ClientSampleId :
PB89976BL

Tot Ion:188 Resp: 746760
Ion Ratio Lower Upper
188 100
94 10.5 6.8 10.2#
80 11.3 7.1 10.7#

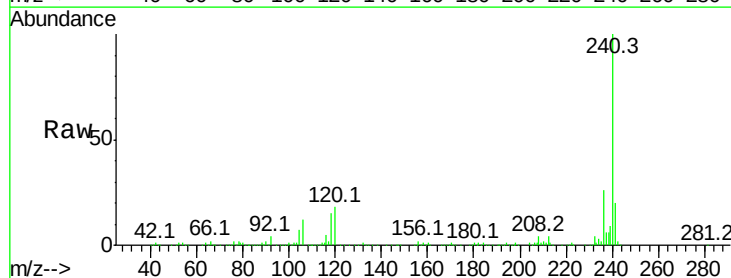


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

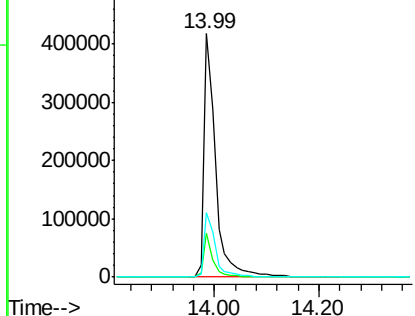
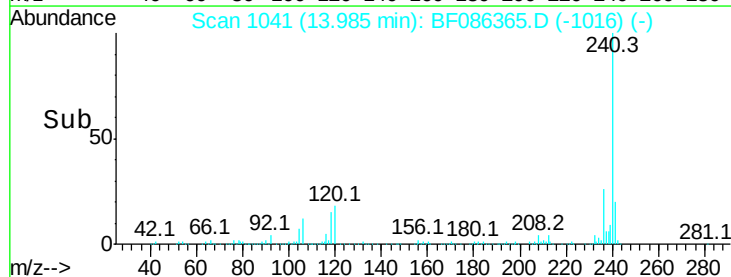


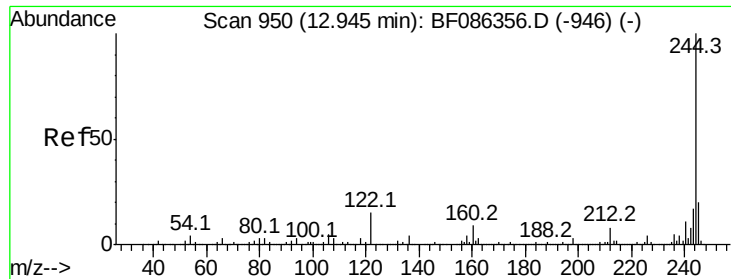
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF086365.D
Acq: 23 Apr 2016 2:24

Tgt Ion:240 Resp: 647785
Ion Ratio Lower Upper
240 100
120 17.9 11.2 16.8#
236 26.5 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

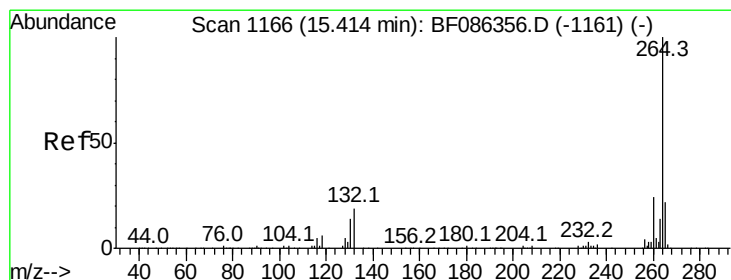
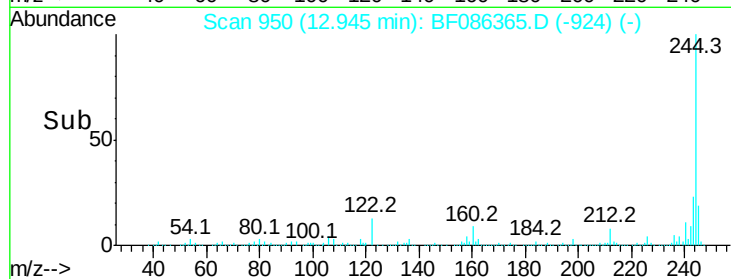
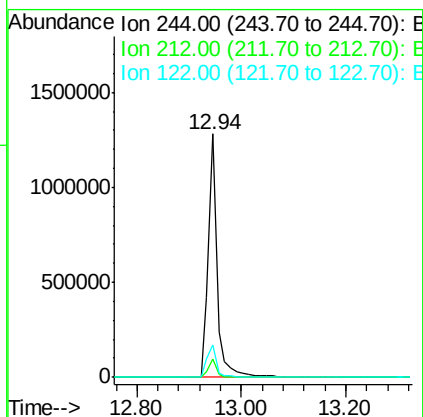
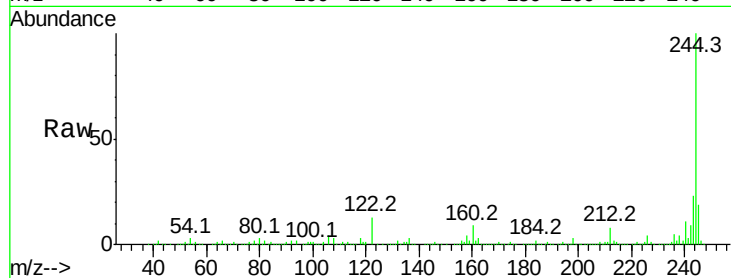




#78
 Terphenyl-d14
 Concen: 58.01 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086365.D
 Acq: 23 Apr 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BL

Tot Ion:244 Resp: 1512558
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.5 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: BF086365.D
 Acq: 23 Apr 2016 2:24

Tgt Ion:264 Resp: 584818
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.6 17.3 25.9

