

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086264.D
 Acq On : 16 Apr 2016 14:25
 Operator : UM/SJ
 Sample : H2471-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH9

Quant Time: Apr 18 05:35:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

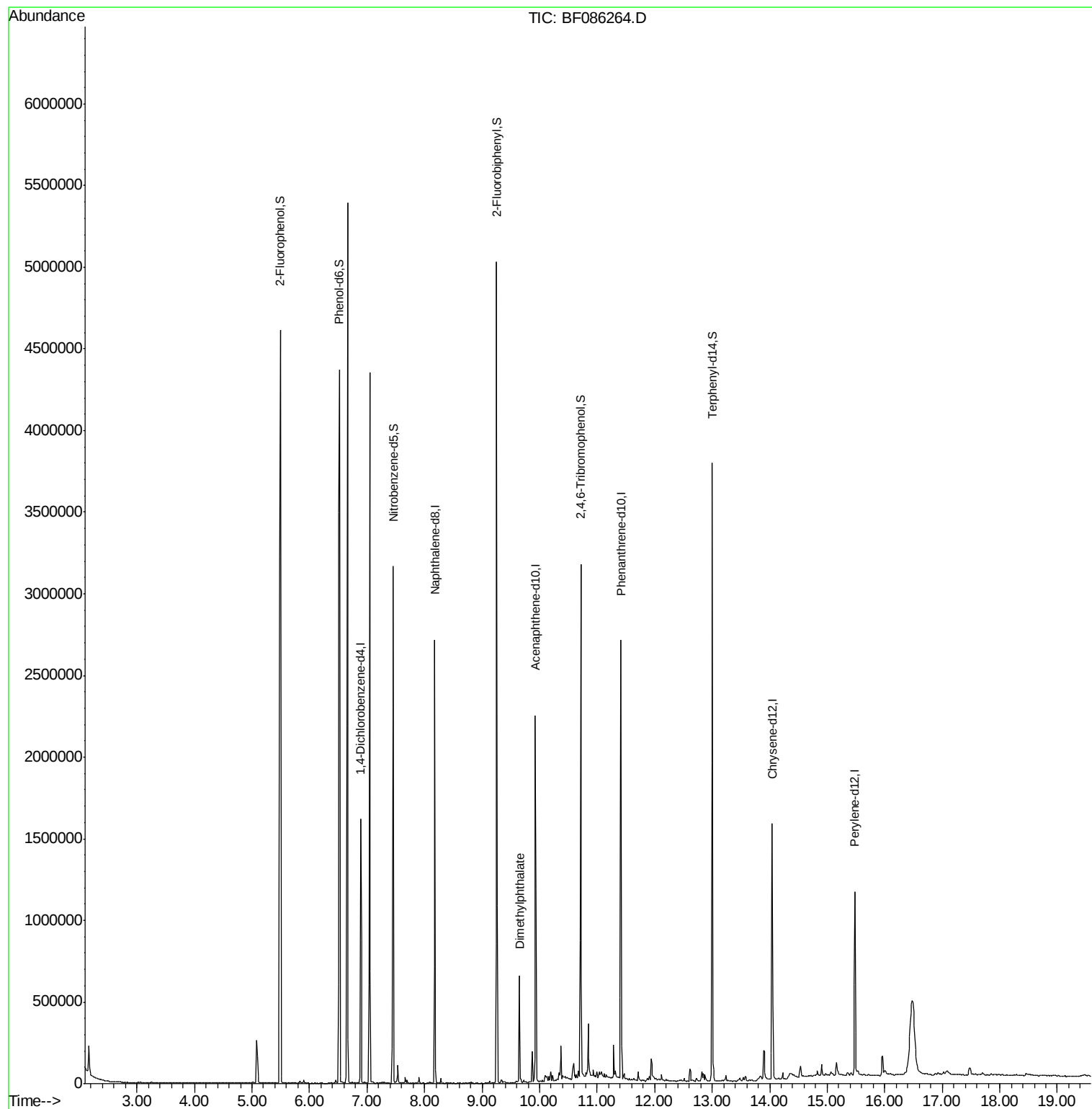
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	283856	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1188404	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	506268	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	888882	20.00	ng	0.00
75) Chrysene-d12	14.04	240	508282	20.00	ng	-0.01
86) Perylene-d12	15.48	264	487911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1618621	93.43	ng	0.01
7) Phenol-d6	6.52	99	2093900	96.63	ng	0.00
23) Nitrobenzene-d5	7.46	82	1355531	65.79	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	343467	84.49	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1552315	56.58	ng	-0.01
78) Terphenyl-d14	13.00	244	1257127	62.19	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	380367	10.33	ng	98

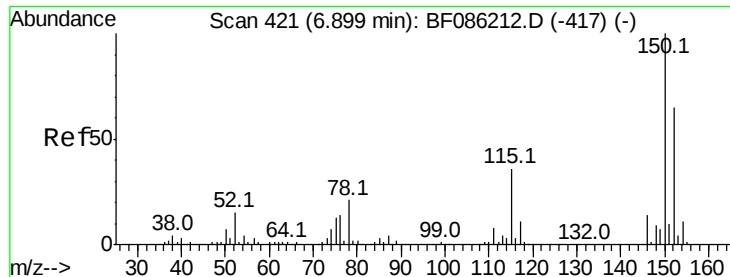
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086264.D

Acq: 16 Apr 2016 14:25

Instrument :

BNA_F

ClientSampleId :

CDMSH9

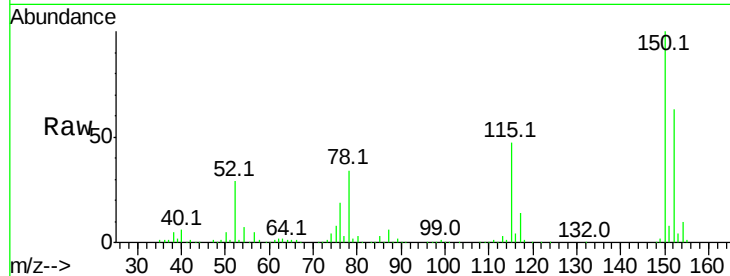
Tot Ion:152 Resp: 283856

Ion Ratio Lower Upper

152 100

150 158.4 124.1 186.1

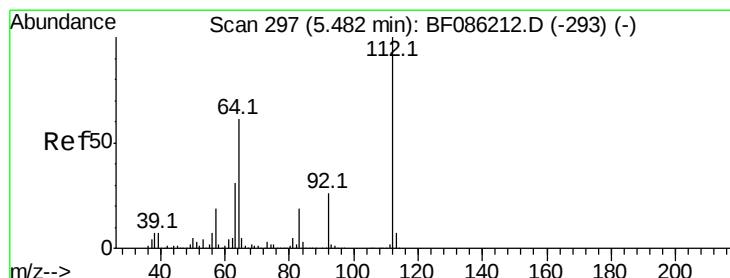
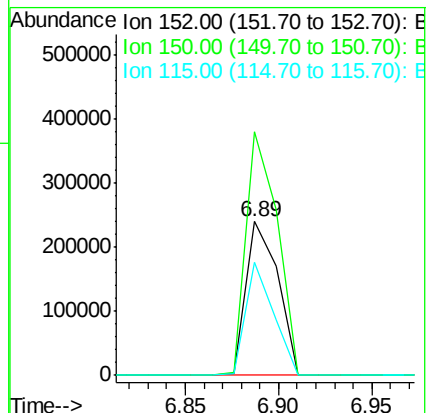
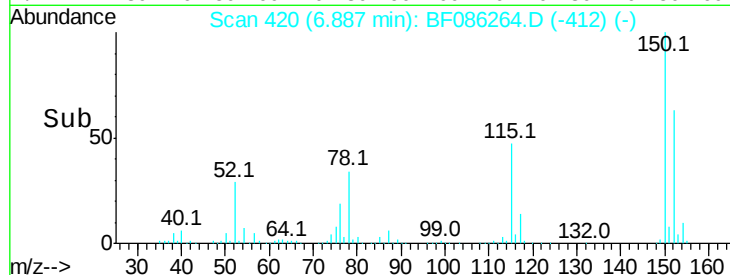
115 73.7 43.9 65.9#



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: 93.43 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086264.D

Acq: 16 Apr 2016 14:25

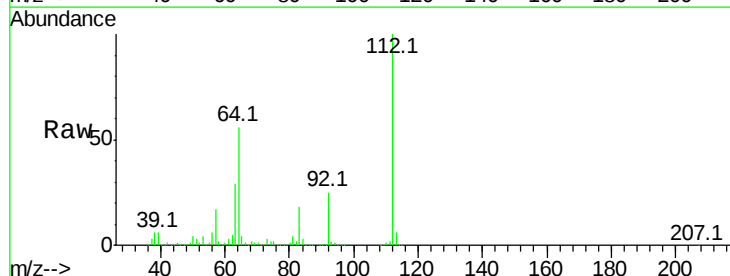
Tgt Ion:112 Resp: 1618621

Ion Ratio Lower Upper

112 100

64 56.0 48.1 72.1

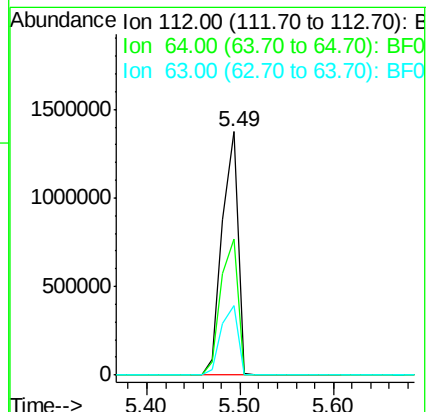
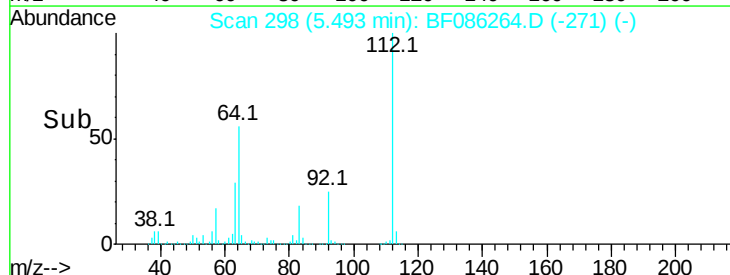
63 28.7 25.5 38.3

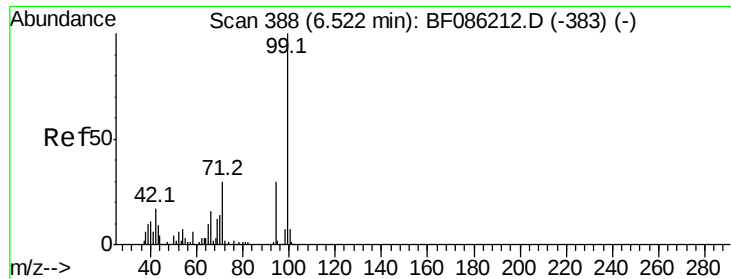


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.63 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086264.D

Acq: 16 Apr 2016 14:25

Instrument :

BNA_F

ClientSampleId :

CDMSH9

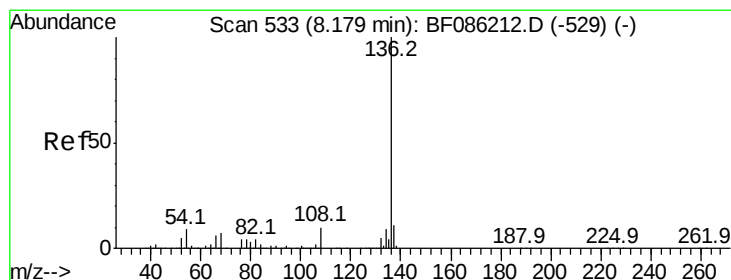
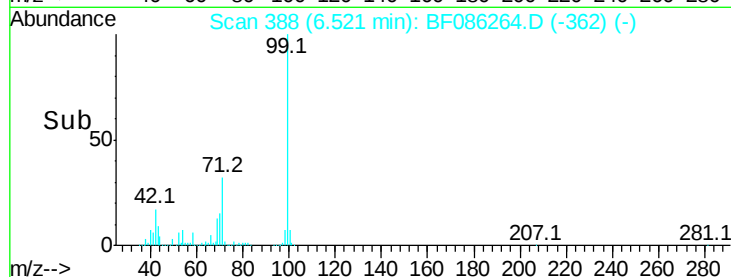
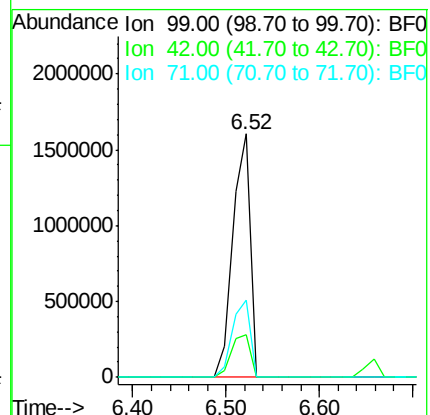
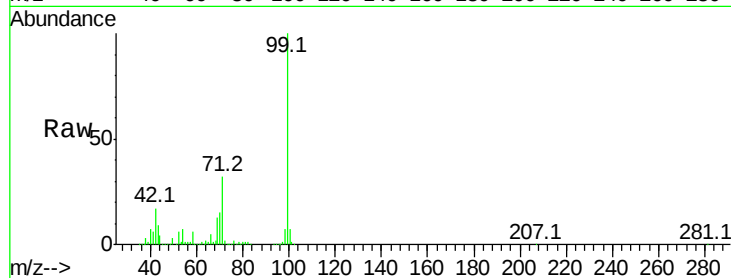
Tot Ion: 99 Resp: 2093900

Ion Ratio Lower Upper

99 100

42 17.3 15.4 23.2

71 31.7 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086264.D

Acq: 16 Apr 2016 14:25

Tgt Ion: 136 Resp: 1188404

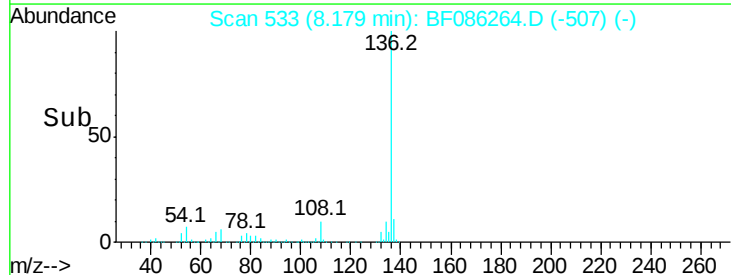
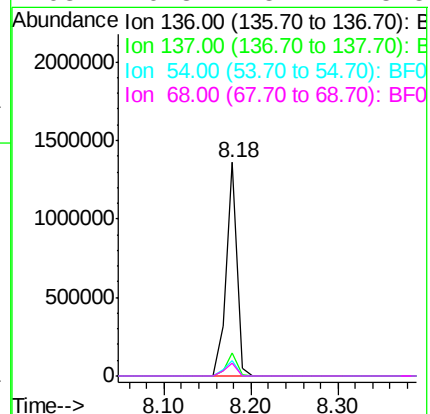
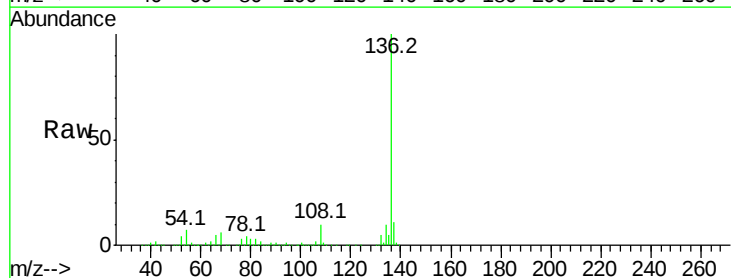
Ion Ratio Lower Upper

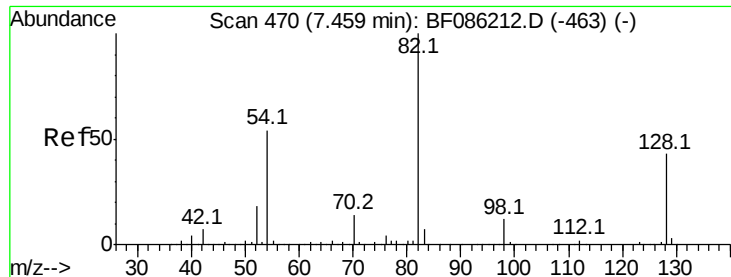
136 100

137 11.1 9.1 13.7

54 7.4 7.3 10.9

68 6.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 65.79 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086264.D

Acq: 16 Apr 2016 14:25

Instrument :

BNA_F

ClientSampleId :

CDMSH9

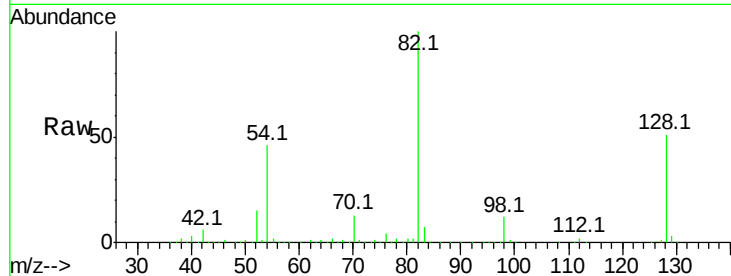
Tot Ion: 82 Resp: 135531

Ion Ratio Lower Upper

82 100

128 50.5 35.4 53.2

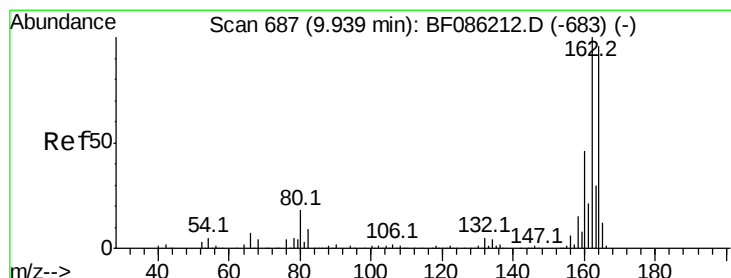
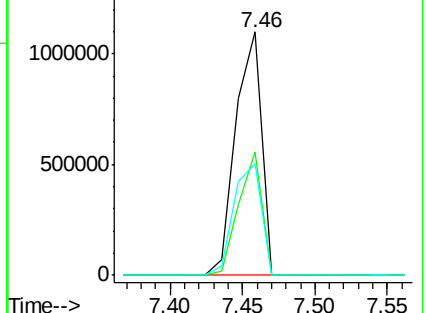
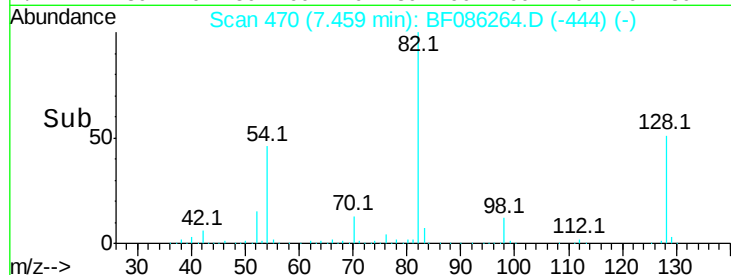
54 45.8 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086264.D

Acq: 16 Apr 2016 14:25

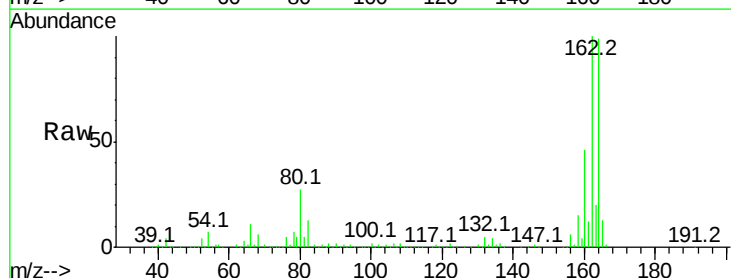
Tgt Ion:164 Resp: 506268

Ion Ratio Lower Upper

164 100

162 100.7 82.8 124.2

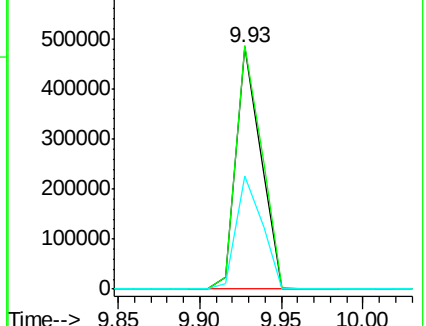
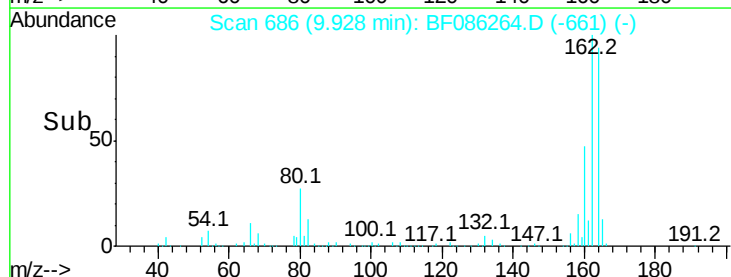
160 46.6 38.9 58.3

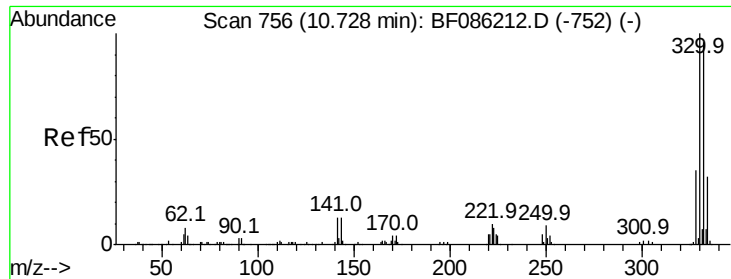


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

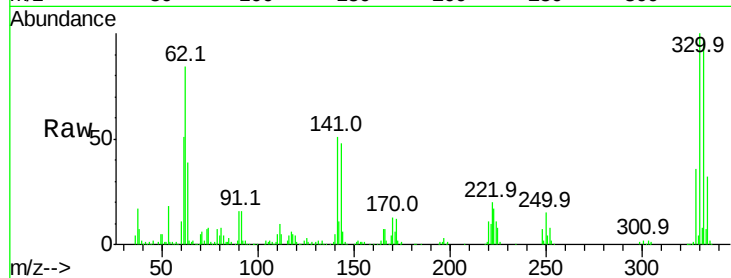




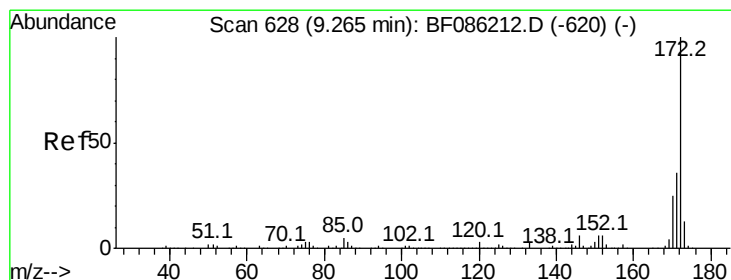
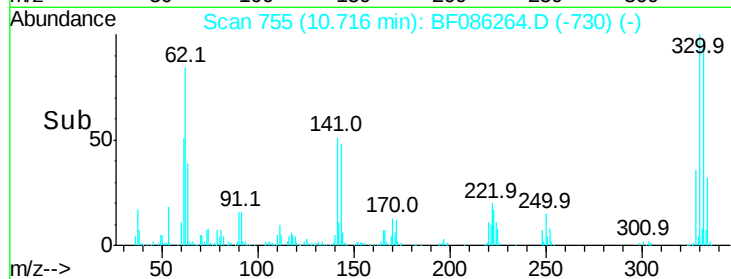
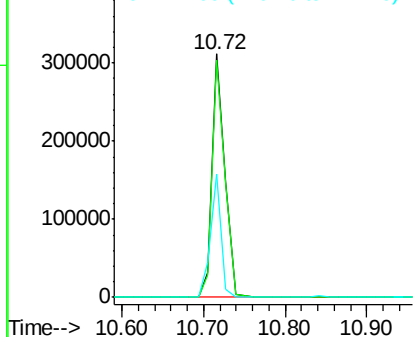
#41
 2,4,6-Tribromophenol
 Concen: 84.49 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086264.D
 Acq: 16 Apr 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH9

Tot Ion:330 Resp: 343467
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.7 118.1
 141 43.7 28.6 42.8#

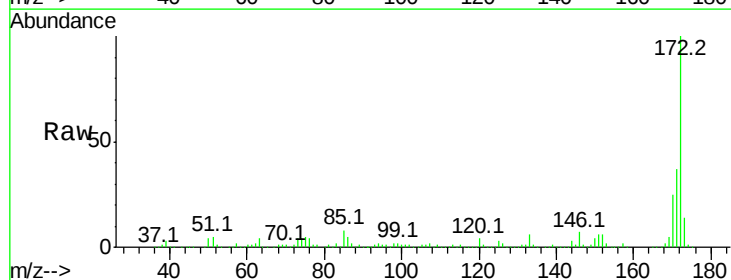


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

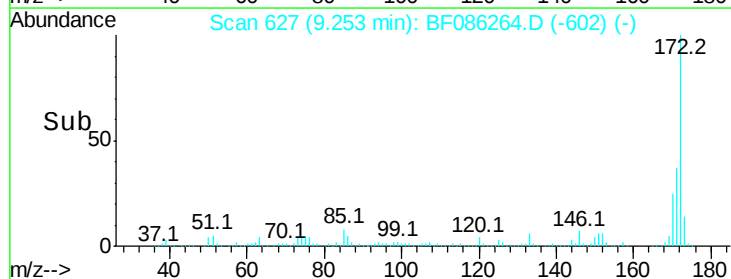
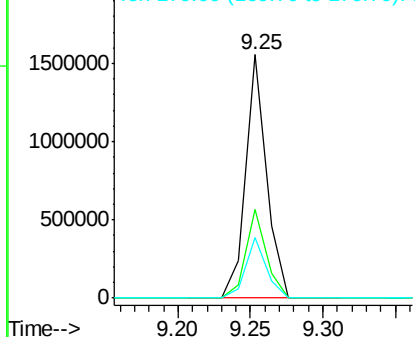


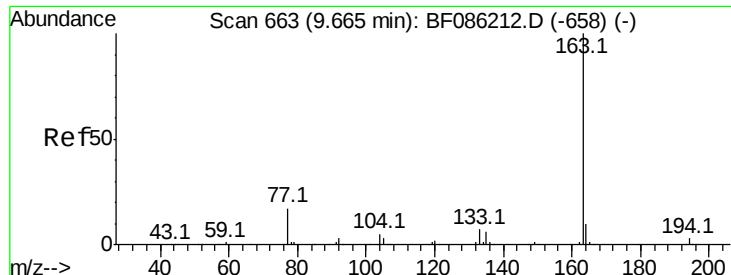
#44
 2-Fluorobiphenyl
 Concen: 56.58 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086264.D
 Acq: 16 Apr 2016 14:25

Tgt Ion:172 Resp: 1552315
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 25.0 19.9 29.9



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

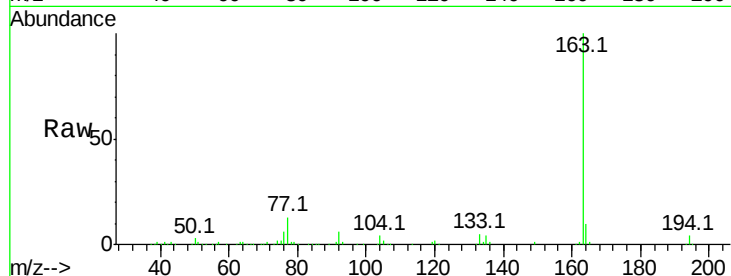




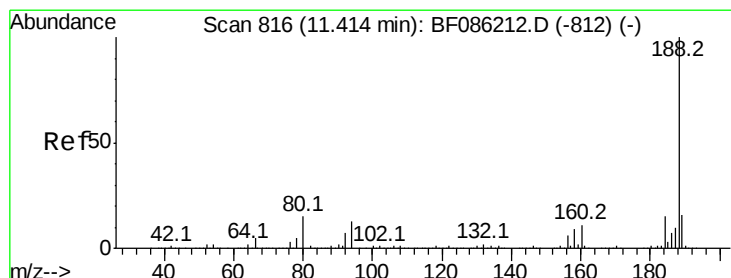
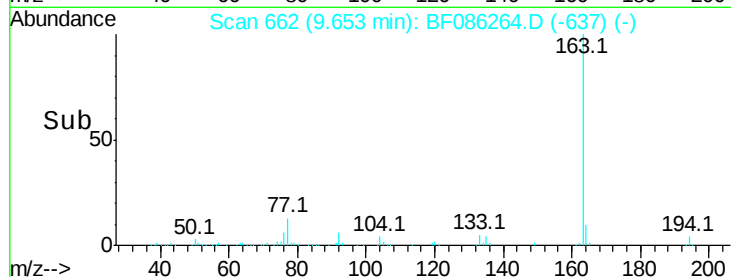
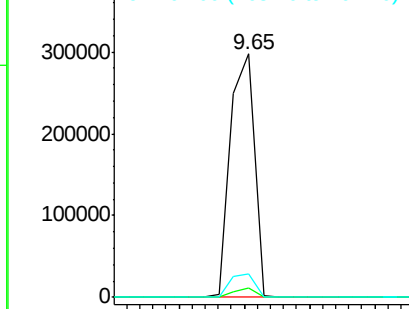
#49
Dimethylphthalate
Concen: 10.33 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086264.D
Acq: 16 Apr 2016 14:25

Instrument :
BNA_F
ClientSampleId :
CDMSH9

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.5	8.4	12.6

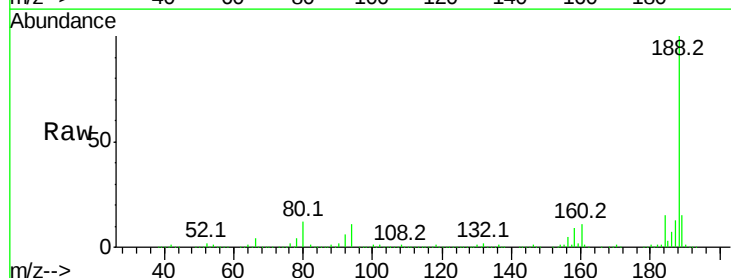


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

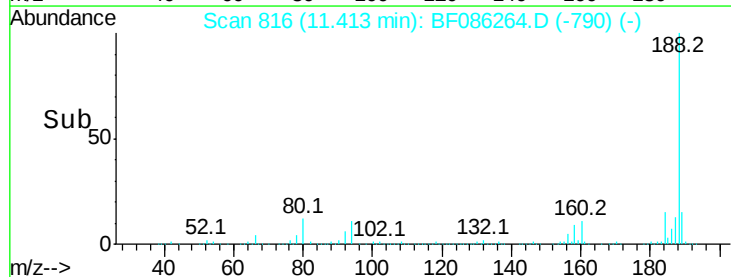
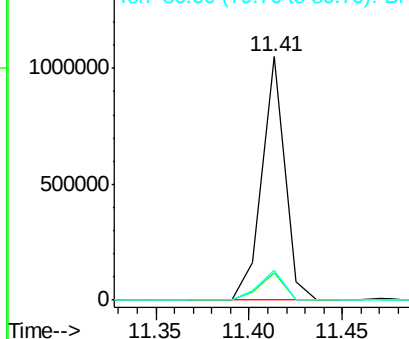


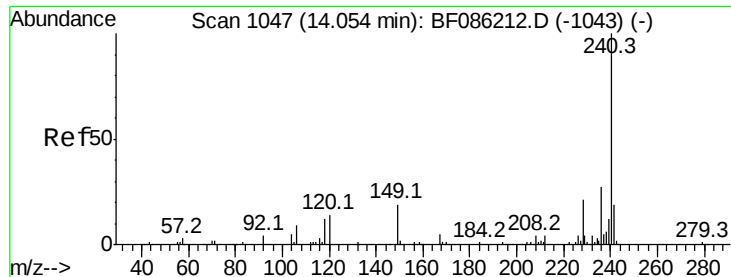
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086264.D
Acq: 16 Apr 2016 14:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.8	14.8
80	12.2	10.5	15.7



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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086264.D

Acq: 16 Apr 2016 14:25

Instrument :

BNA_F

ClientSampleId :

CDMSH9

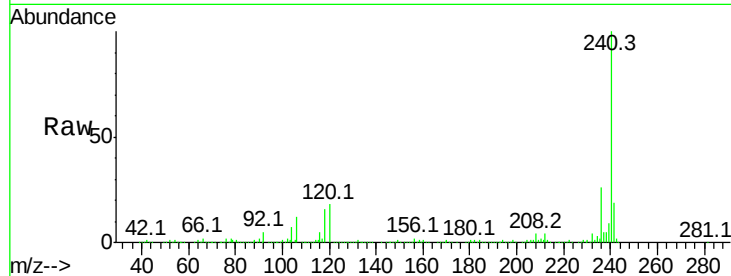
Tot Ion:240 Resp: 508282

Ion Ratio Lower Upper

240 100

120 18.3 9.3 13.9#

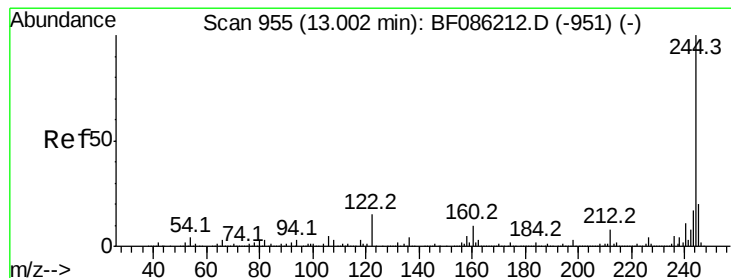
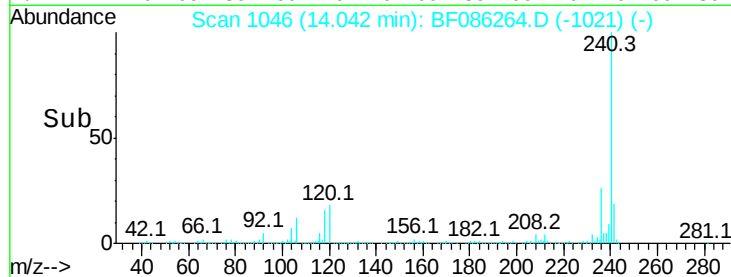
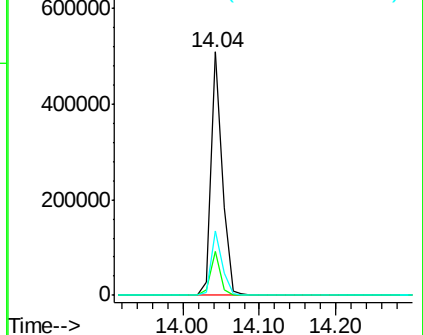
236 26.3 21.1 31.7



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: 62.19 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086264.D

Acq: 16 Apr 2016 14:25

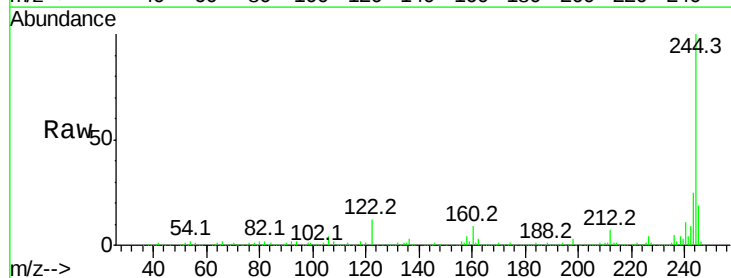
Tgt Ion:244 Resp: 1257127

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

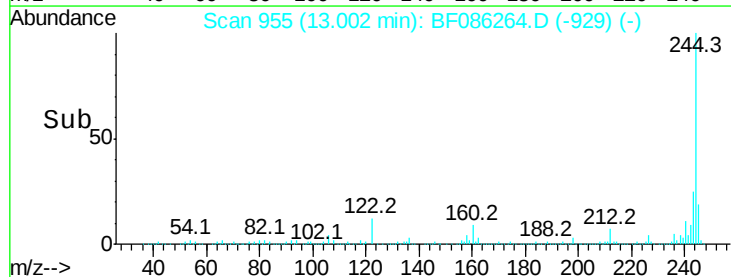
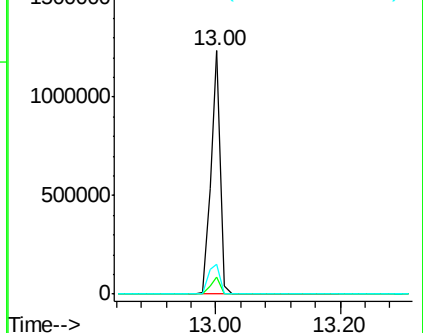
122 12.3 11.7 17.5

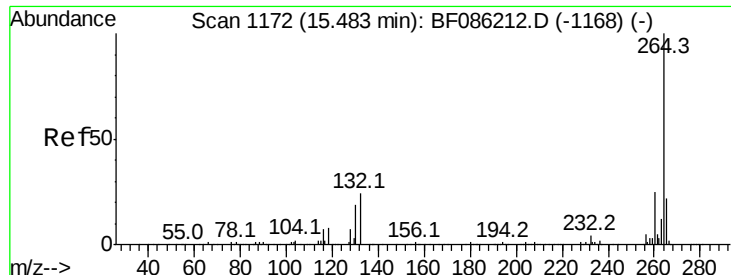


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

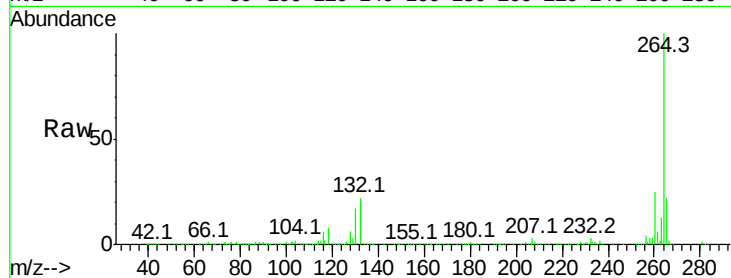




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086264.D
Acq: 16 Apr 2016 14:25

Instrument :
BNA_F
ClientSampleId :
CDMSH9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.6	17.4	26.0



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

