

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086278.D
 Acq On : 18 Apr 2016 13:26
 Operator : UM/SJ
 Sample : H2471-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

Quant Time: Apr 19 01:15:24 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

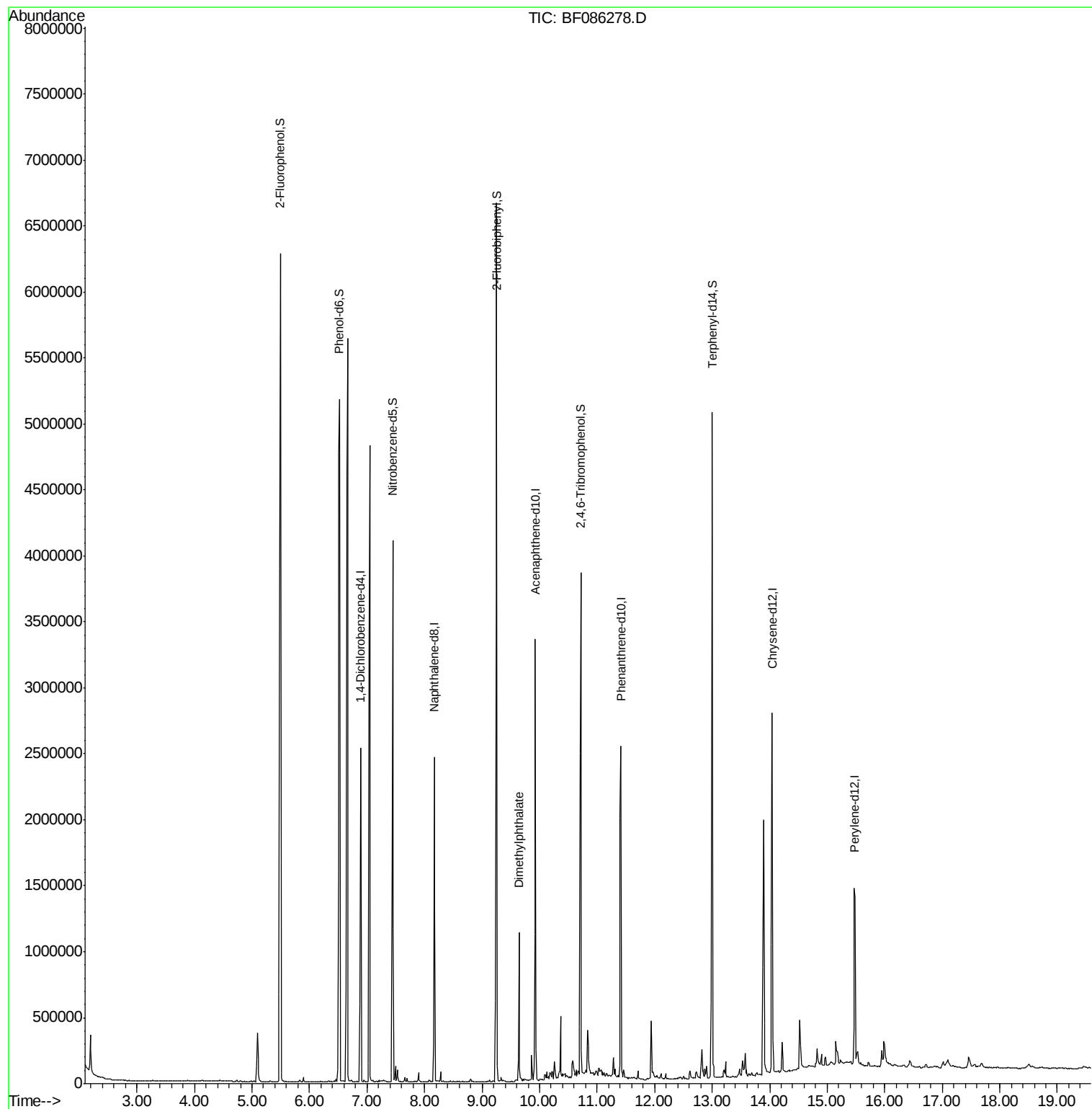
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	356908	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1416541	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	670383	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1228798	20.00	ng	0.00
75) Chrysene-d12	14.04	240	888090	20.00	ng	-0.01
86) Perylene-d12	15.48	264	737398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2055576	94.37	ng	0.01
7) Phenol-d6	6.52	99	2832575	103.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	1618922	65.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	502999	93.44	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2411134	66.37	ng	-0.01
78) Terphenyl-d14	13.00	244	2059785	58.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	410637	8.42	ng	99

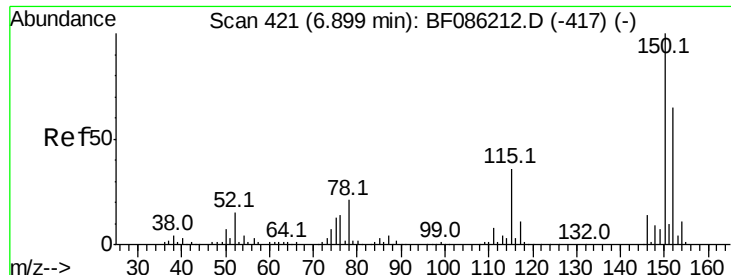
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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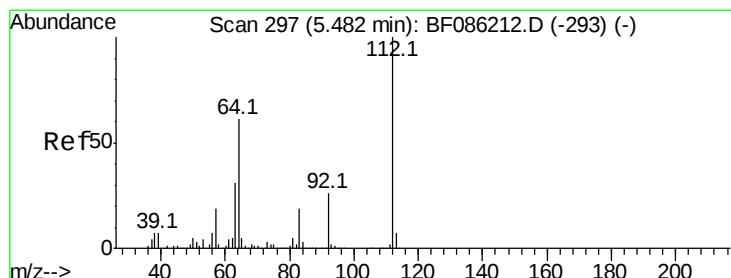
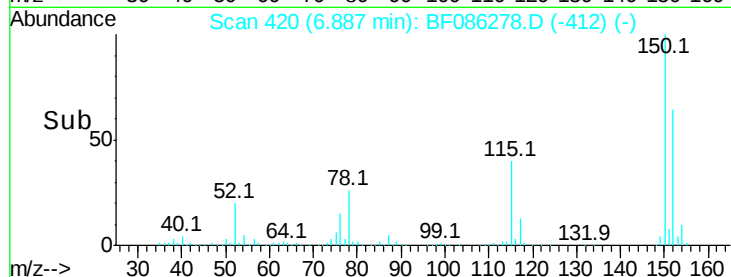
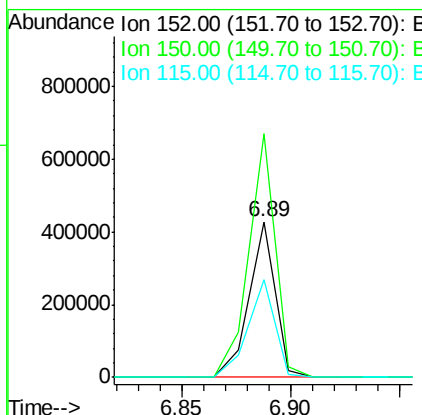
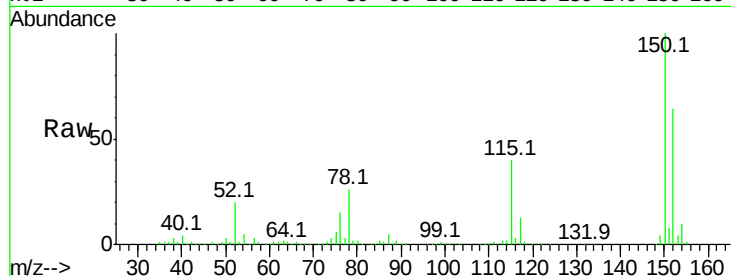


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

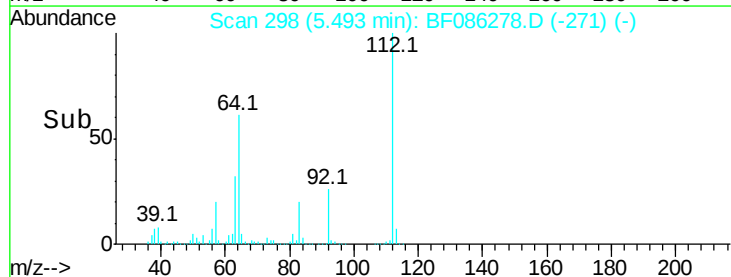
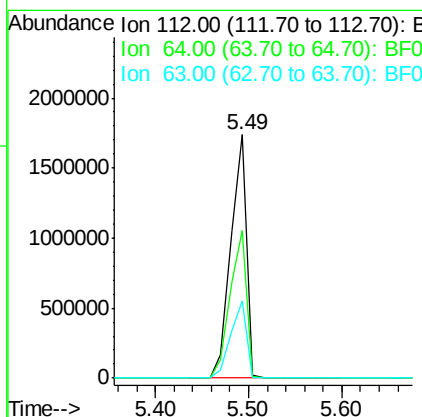
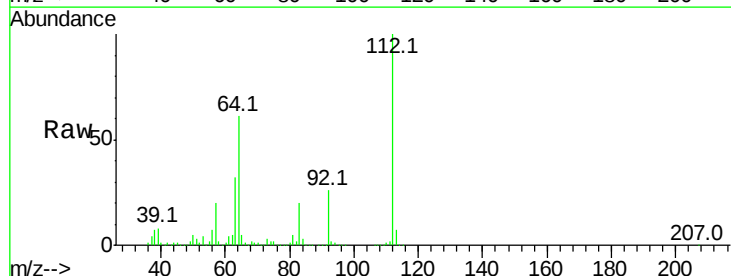
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.1	186.1
115	63.2	43.9	65.9

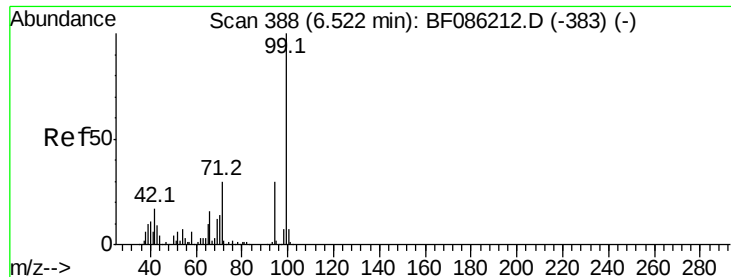


#5

2-Fluorophenol
 Concen: 94.37 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.1	72.1
63	31.7	25.5	38.3





#7

Phenol-d6

Concen: 103.96 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

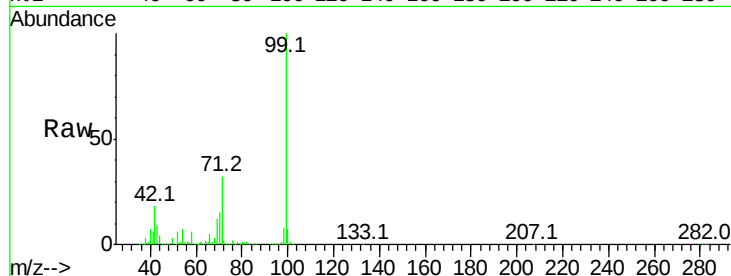
Tot Ion: 99 Resp: 2832575

Ion Ratio Lower Upper

99 100

42 17.7 15.4 23.2

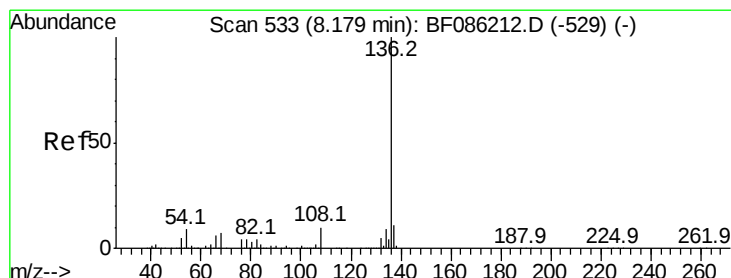
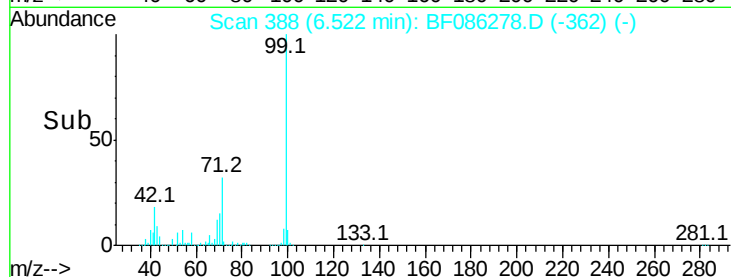
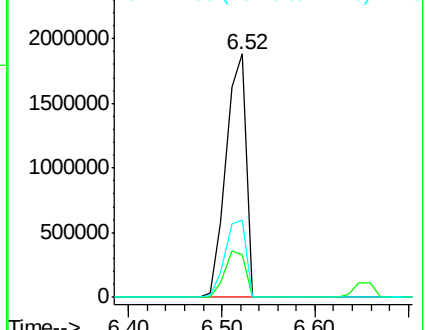
71 31.9 25.6 38.4



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: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Tgt Ion:136 Resp: 1416541

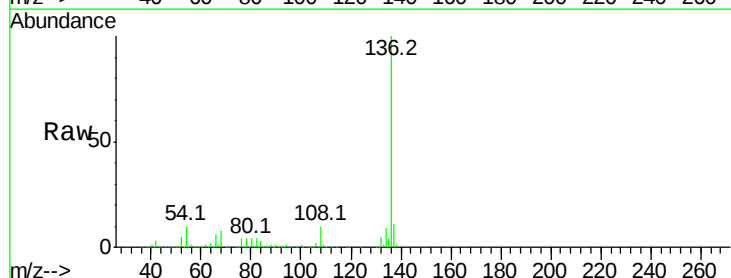
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.9 7.3 10.9

68 8.0 5.7 8.5

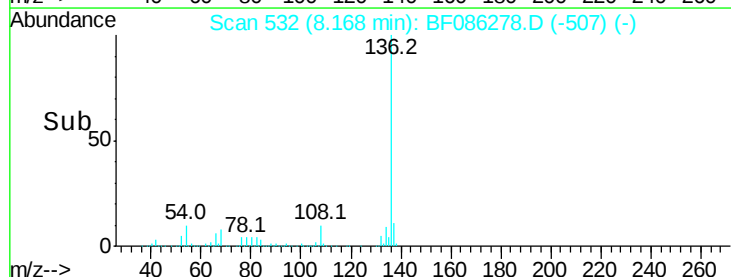
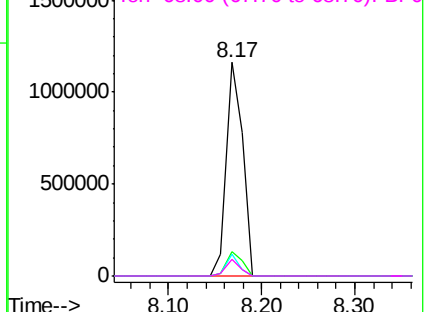


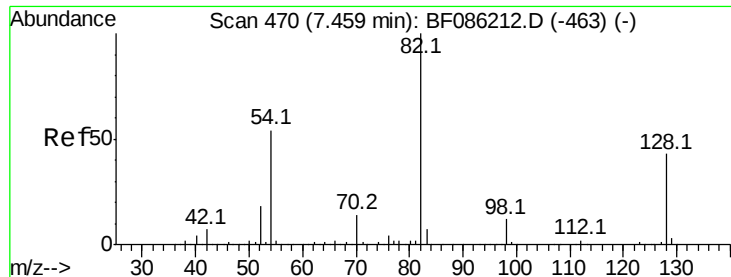
Abundance Ion 136.00 (135.70 to 136.70): E

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



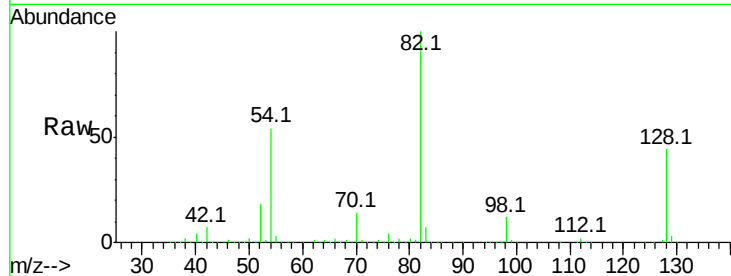


#23
 Nitrobenzene-d5
 Concen: 65.92 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

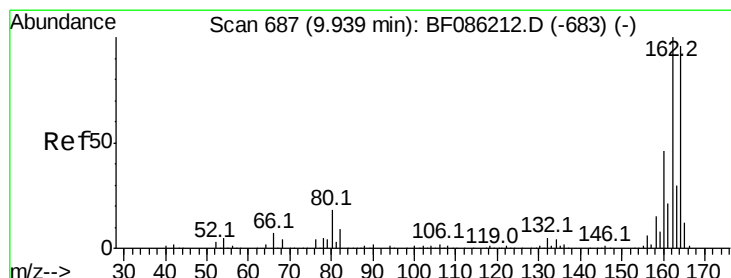
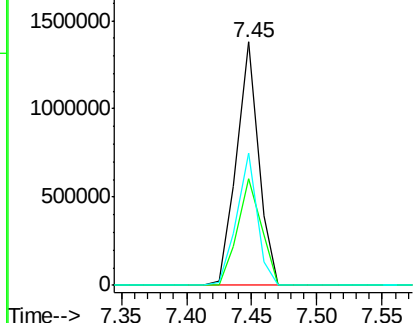
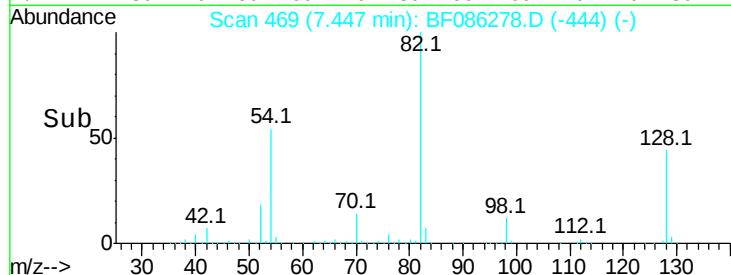
Instrument :
 BNA_F
 ClientSampleId :
 CDMSh10

Tot Ion: 82 Resp: 1618922

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.4	53.2
54	54.2	43.4	65.0



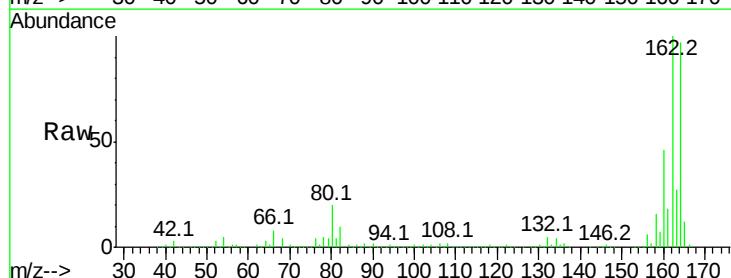
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



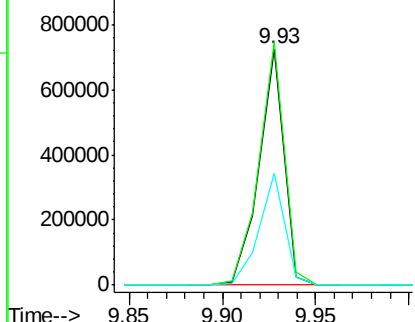
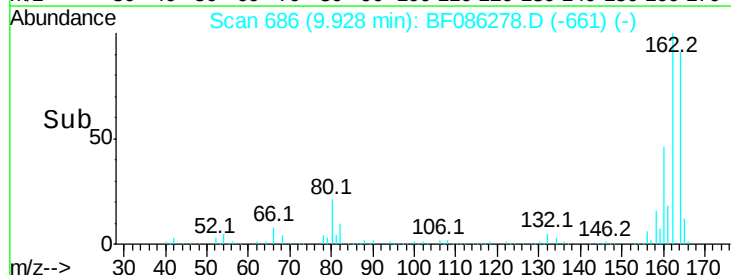
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

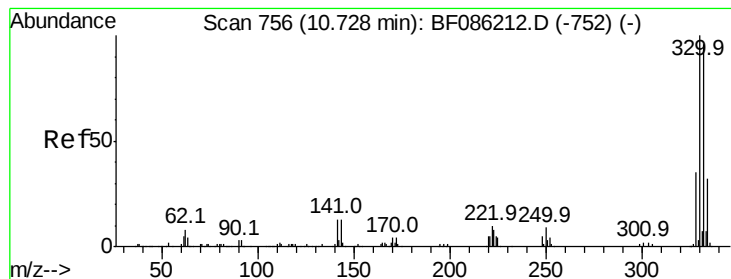
Tgt Ion: 164 Resp: 670383

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.4	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

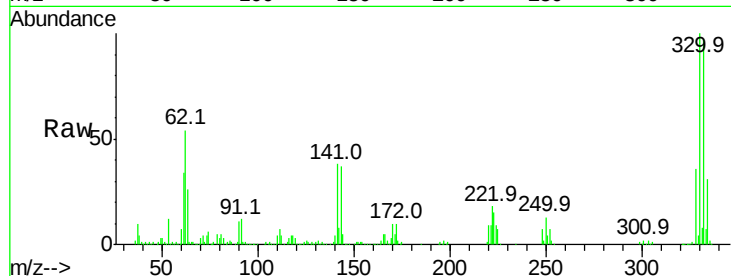




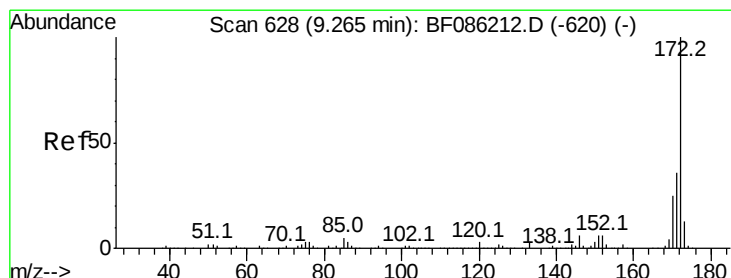
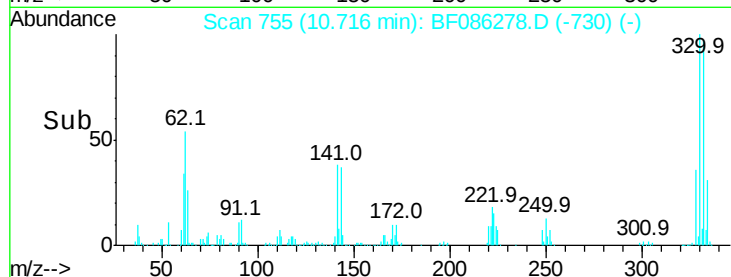
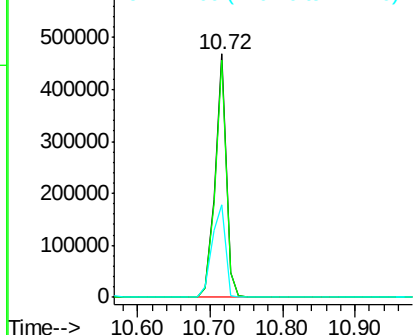
#41
 2,4,6-Tribromophenol
 Concen: 93.44 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

Tot Ion:330 Resp: 502999
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.7 118.1
 141 46.1 28.6 42.8#

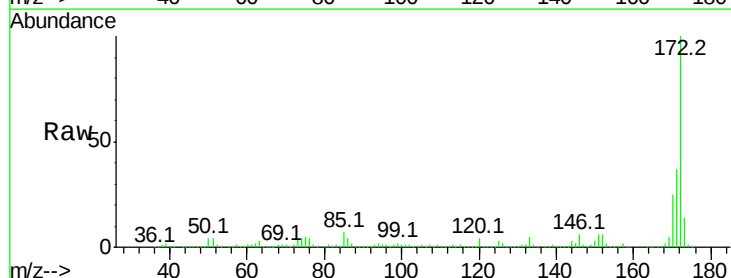


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

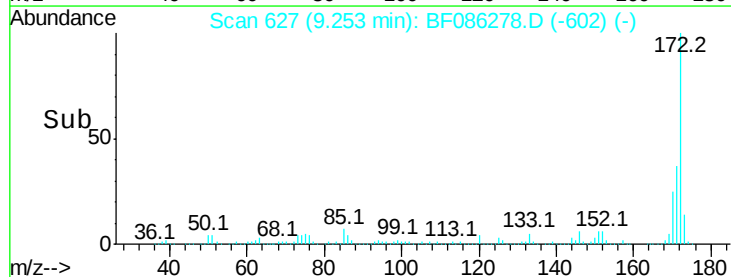
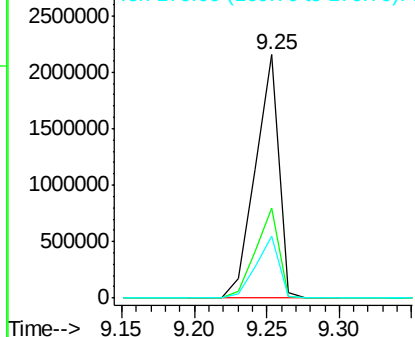


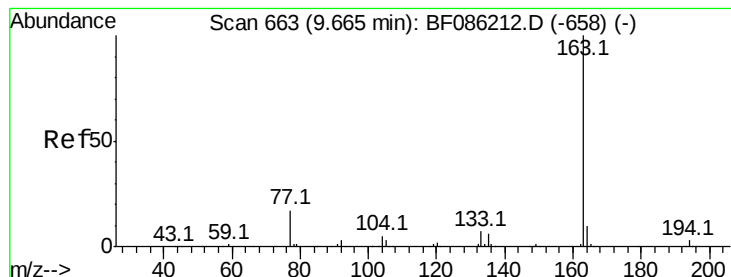
#44
 2-Fluorobiphenyl
 Concen: 66.37 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

Tgt Ion:172 Resp: 2411134
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.1 43.7
 170 25.5 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: 8.42 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

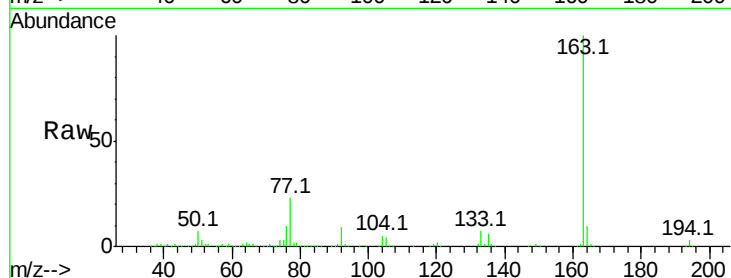
Tot Ion:163 Resp: 410637

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

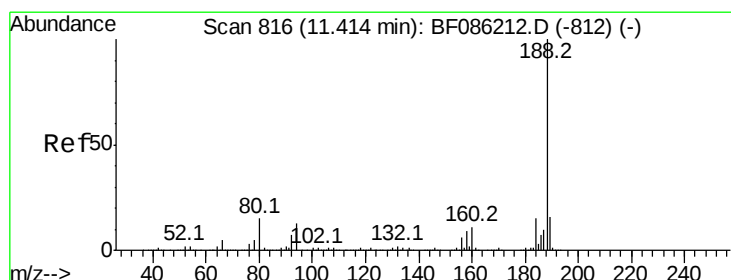
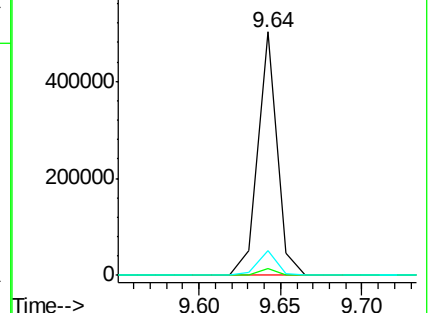
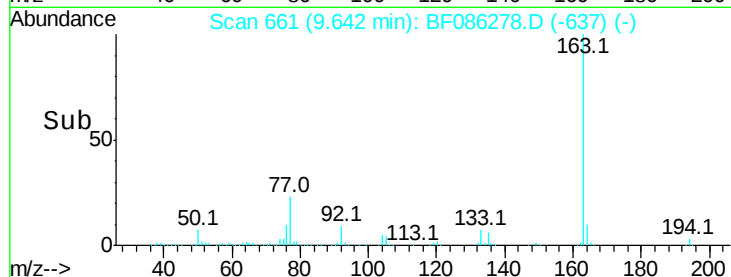
164 10.2 8.4 12.6



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: BF086278.D

Acq: 18 Apr 2016 13:26

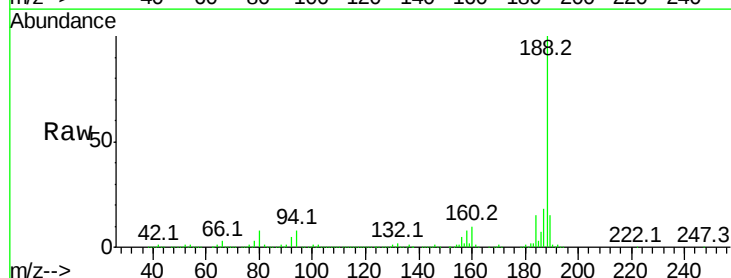
Tgt Ion:188 Resp: 1228798

Ion Ratio Lower Upper

188 100

94 8.2 9.8 14.8#

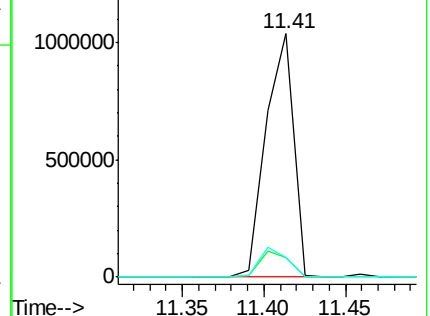
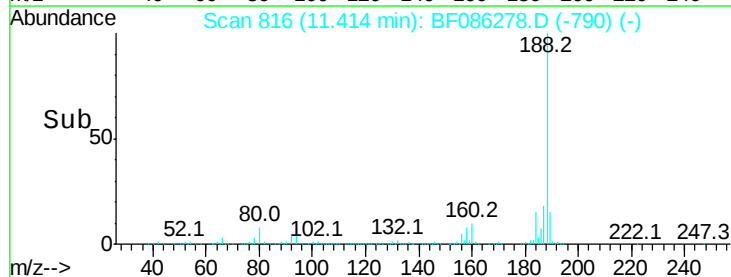
80 8.3 10.5 15.7#

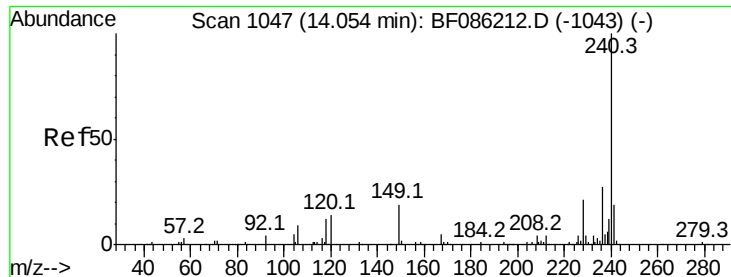


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

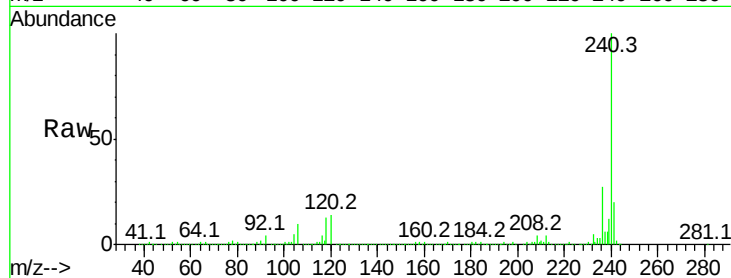
Tot Ion:240 Resp: 888090

Ion Ratio Lower Upper

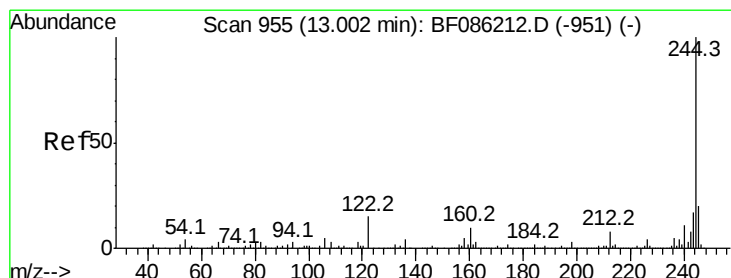
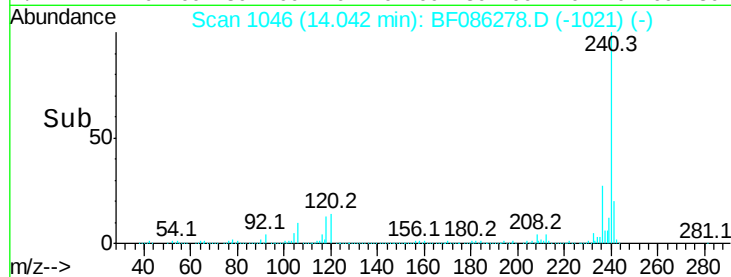
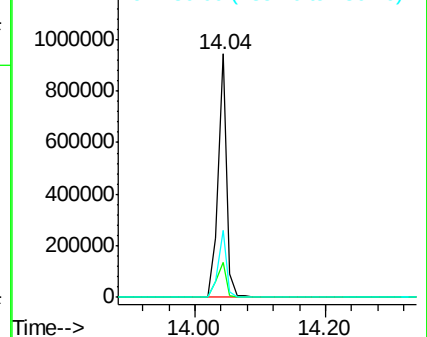
240 100

120 14.4 9.3 13.9#

236 27.4 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: 58.32 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

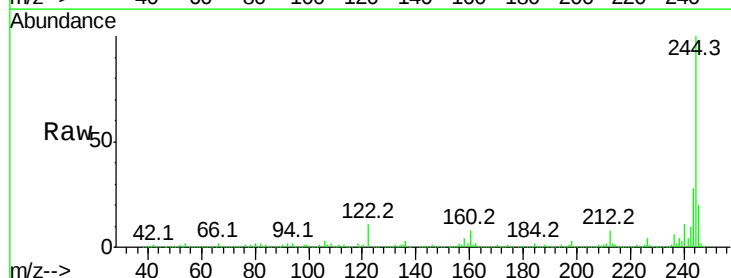
Tgt Ion:244 Resp: 2059785

Ion Ratio Lower Upper

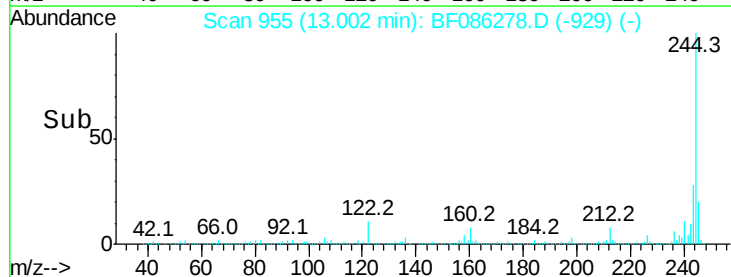
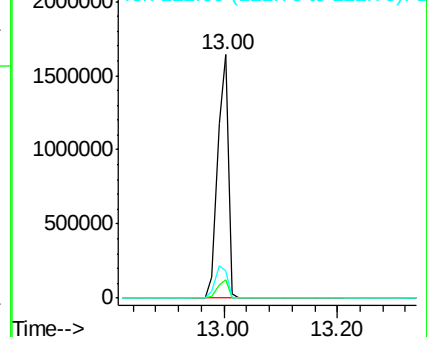
244 100

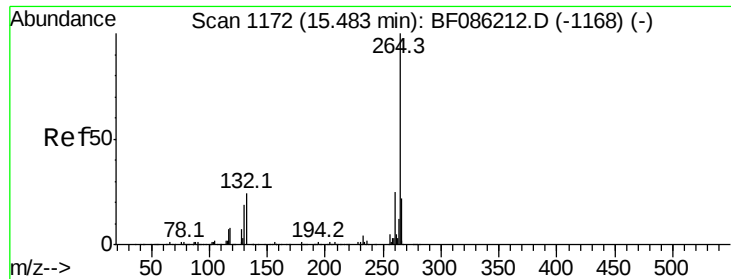
212 7.6 6.4 9.6

122 11.3 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

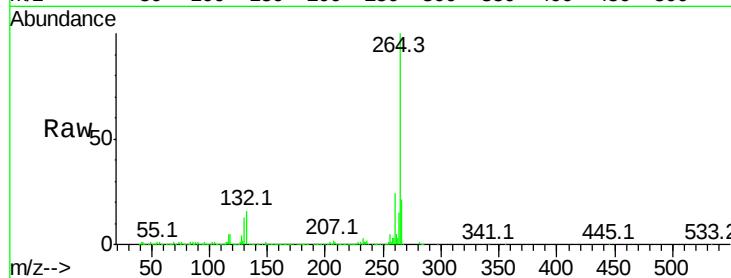




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086278.D
Acq: 18 Apr 2016 13:26

Instrument :
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ClientSampleId :
CDMSH10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.0	30.0
265	21.0	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

