

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086448.D
 Acq On : 28 Apr 2016 2:51
 Operator : UM/SJ
 Sample : H2654-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

Quant Time: Apr 28 07:35:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

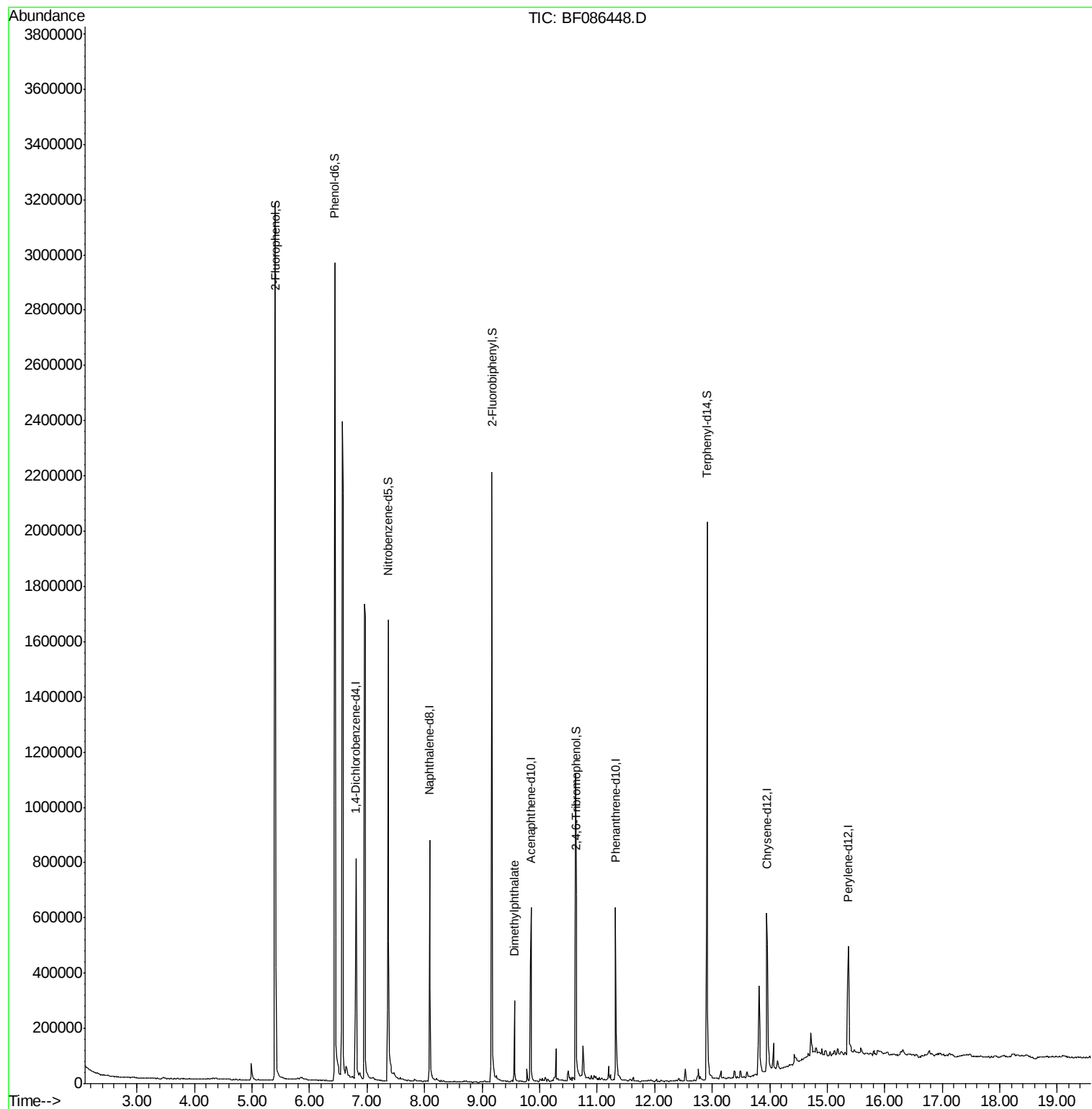
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125298	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	452058	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	160372	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	267333	20.00	ng	0.00
75) Chrysene-d12	13.95	240	300051	20.00	ng	-0.01
86) Perylene-d12	15.37	264	220984	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	829253	114.16	ng	0.01
7) Phenol-d6	6.44	99	1068507	105.39	ng	0.00
23) Nitrobenzene-d5	7.37	82	623390	74.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	167628	99.12	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	957897	111.30	ng	0.00
78) Terphenyl-d14	12.91	244	663753	48.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	109914	9.10	ng	99

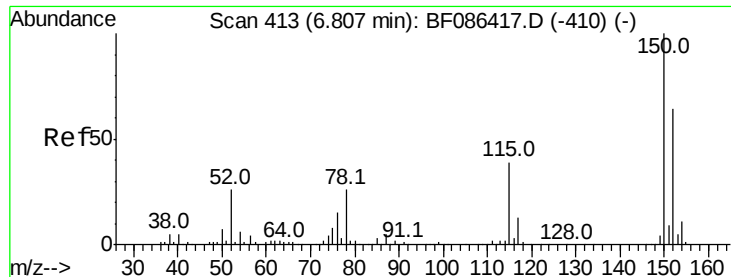
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086448.D
Acq On : 28 Apr 2016 2:51
Operator : UM/SJ
Sample : H2654-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-1A-CS-1(0-25FTBGS)

Quant Time: Apr 28 07:35:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

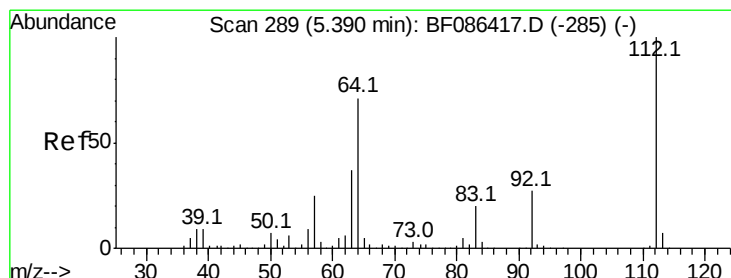
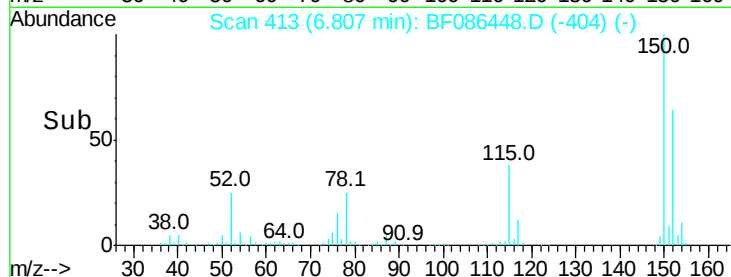
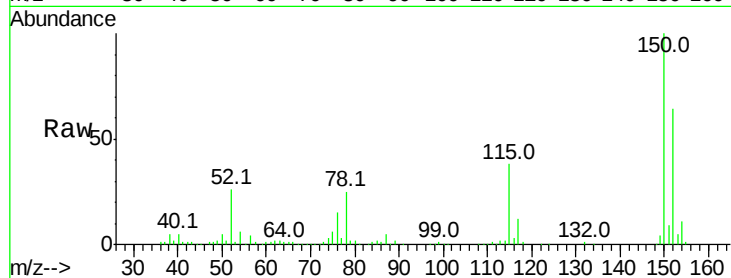
Tot Ion:152 Resp: 125298

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

115 59.1 51.5 77.3



#5

2-Fluorophenol

Concen: 114.16 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

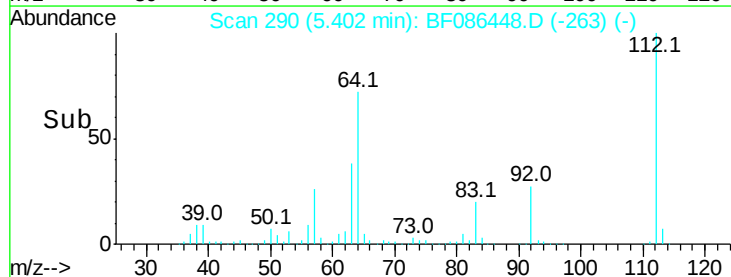
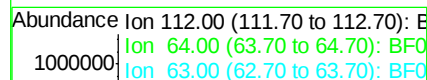
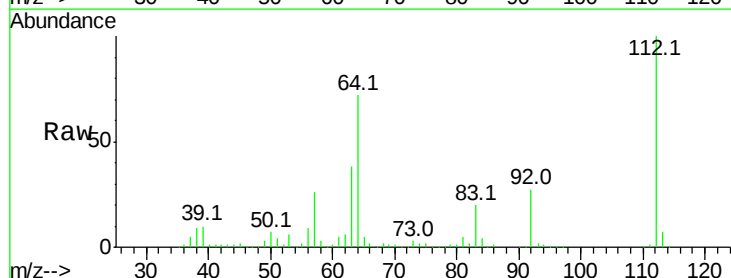
Tgt Ion:112 Resp: 829253

Ion Ratio Lower Upper

112 100

64 71.9 52.1 78.1

63 38.1 25.7 38.5





#7

Phenol-d6

Concen: 105.39 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

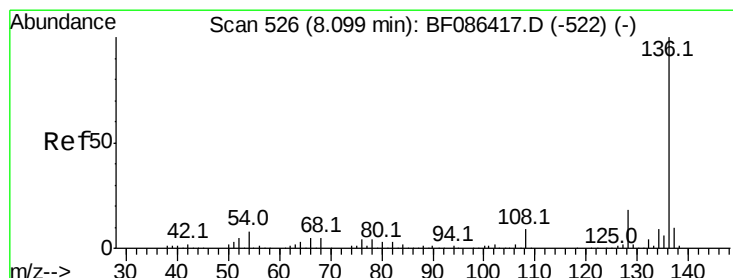
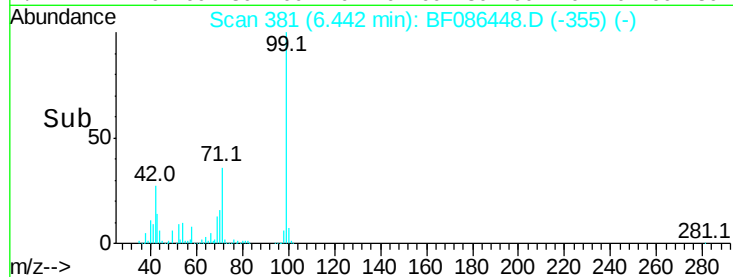
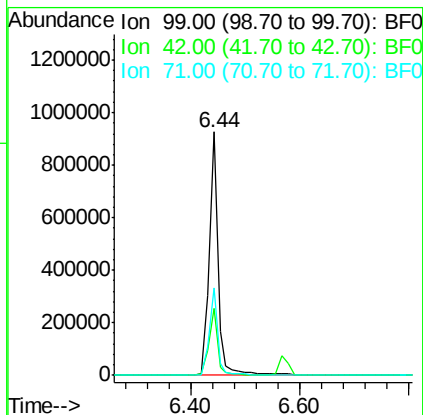
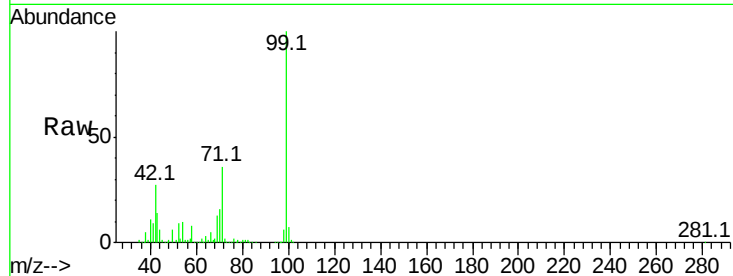
BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

Tot Ion: 99 Resp: 1068507

Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.6	20.4#
71	36.1	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

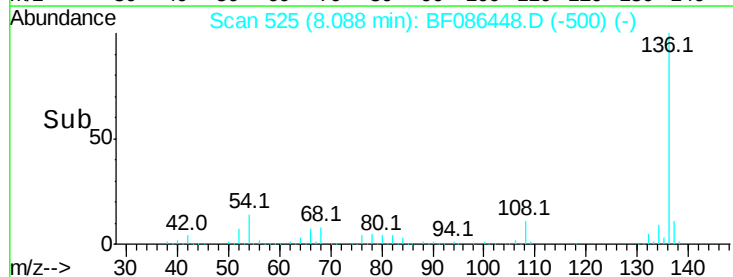
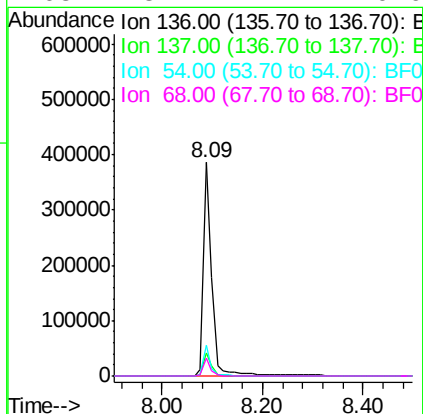
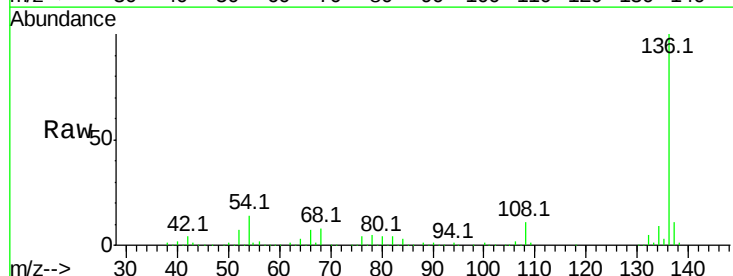
Delta R.T. -0.01 min

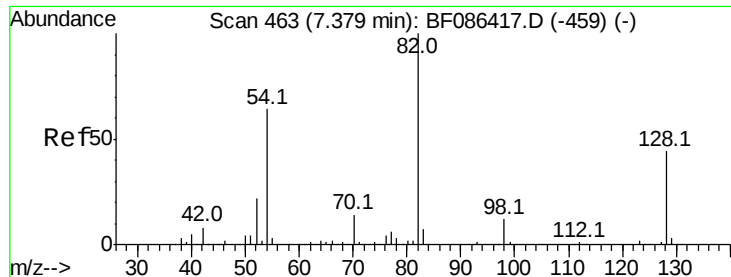
Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Tgt Ion: 136 Resp: 452058

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.2	5.0	7.4#
68	8.4	4.4	6.6#

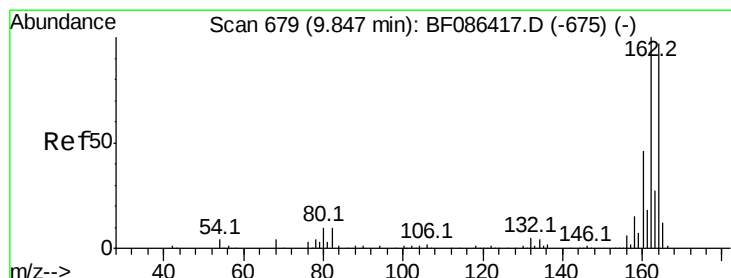
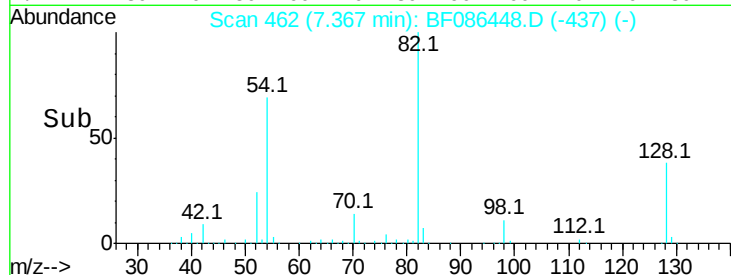
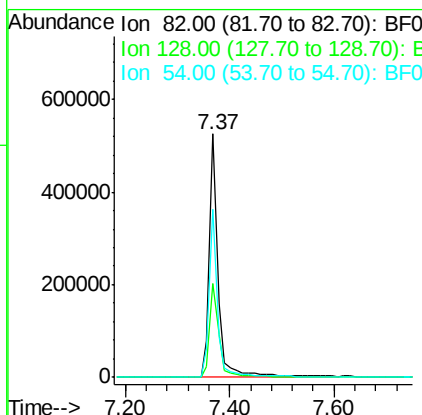
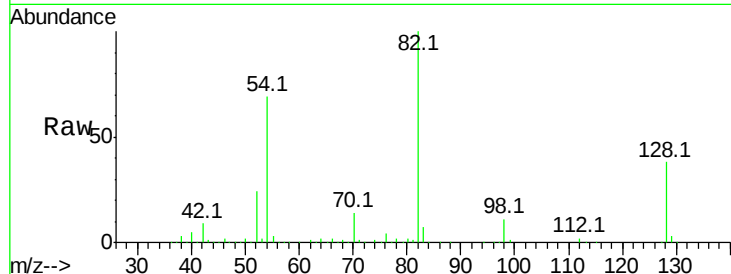




#23
 Nitrobenzene-d5
 Concen: 74.33 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086448.D
 Acq: 28 Apr 2016 2:51

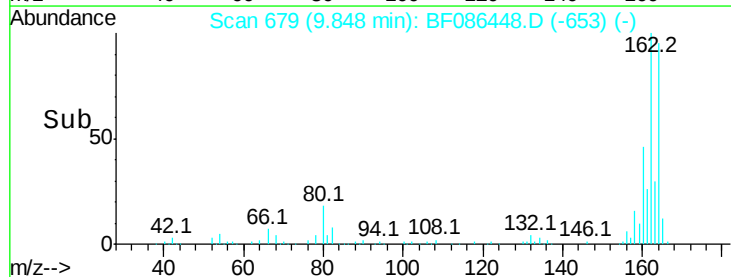
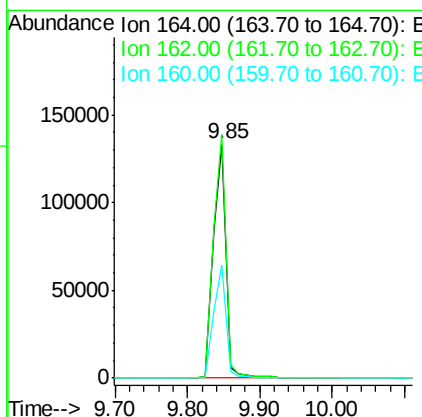
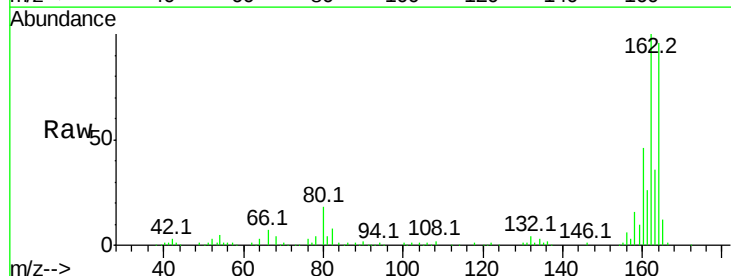
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

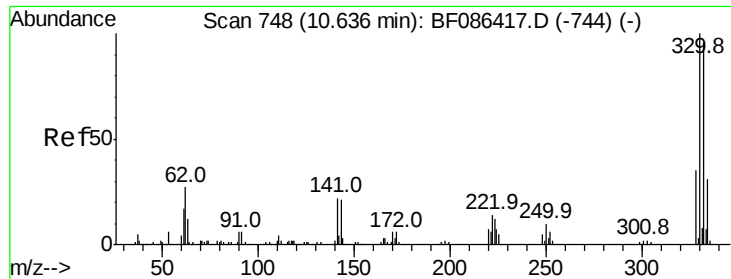
Tot Ion: 82 Resp: 623390
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 69.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086448.D
 Acq: 28 Apr 2016 2:51

Tgt Ion:164 Resp: 160372
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.8 124.2
 160 48.3 36.9 55.3

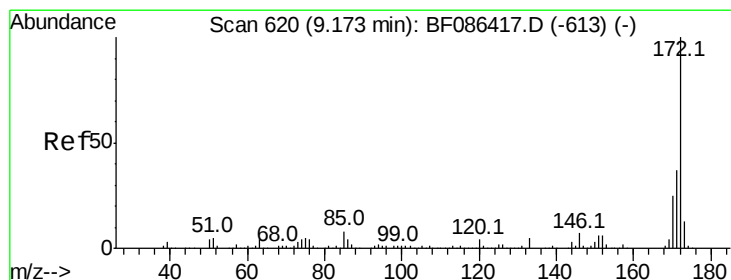
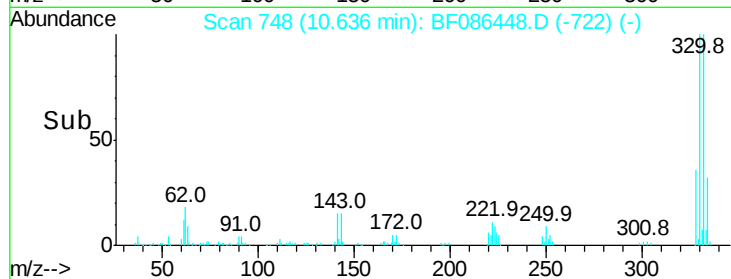
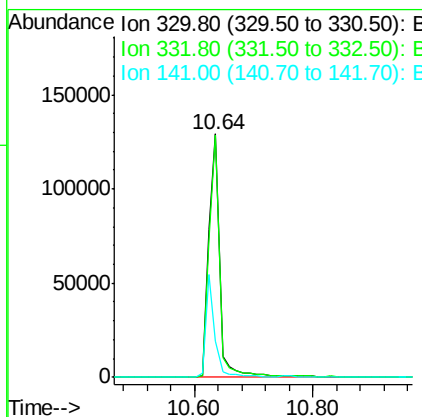
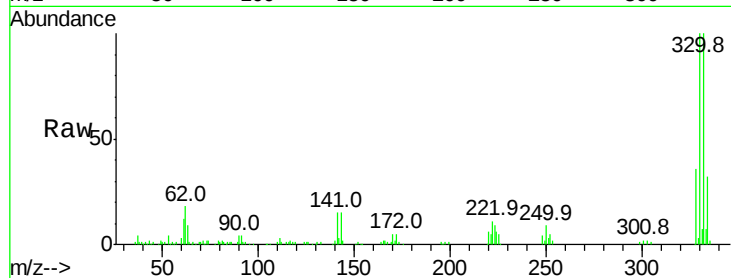




#41
 2,4,6-Tribromophenol
 Concen: 99.12 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086448.D
 Acq: 28 Apr 2016 2:51

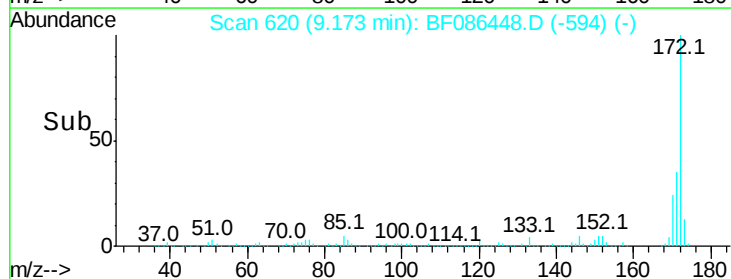
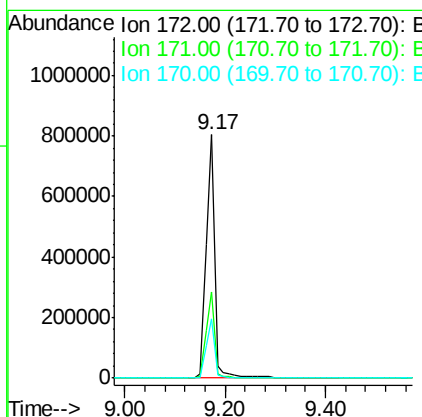
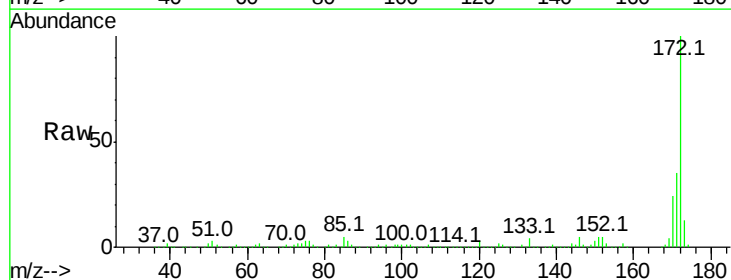
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

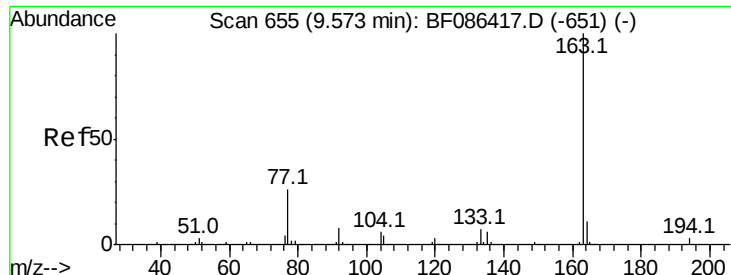
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	35.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 111.30 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086448.D
 Acq: 28 Apr 2016 2:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	24.4	19.8	29.8

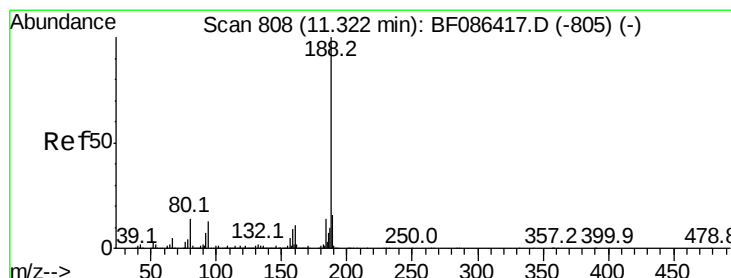
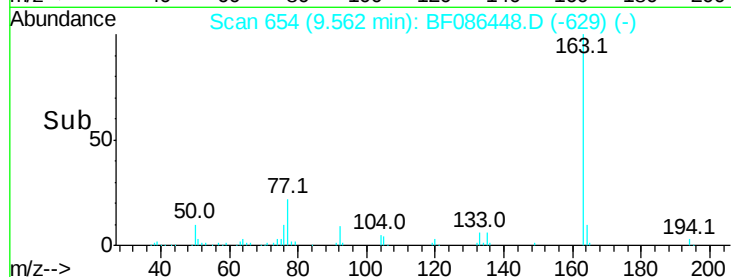
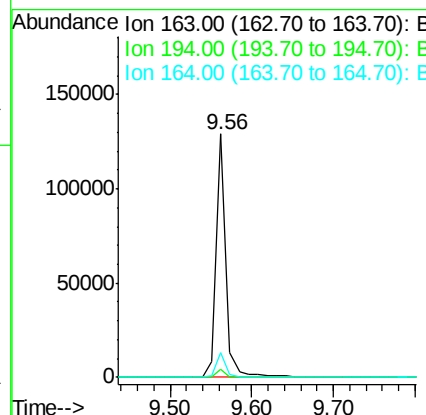
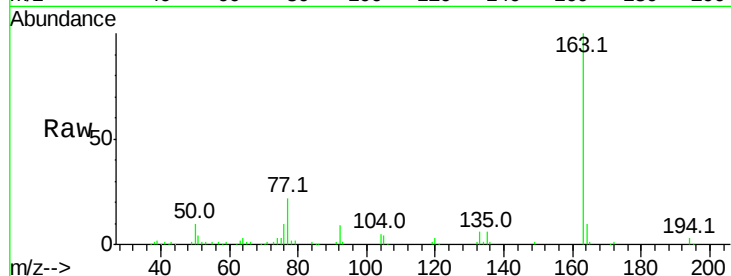




#49
Dimethylphthalate
Concen: 9.10 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086448.D
Acq: 28 Apr 2016 2:51

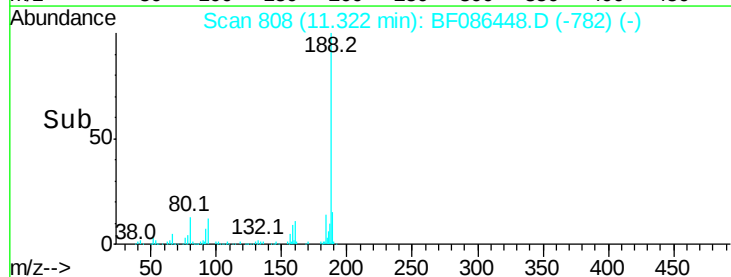
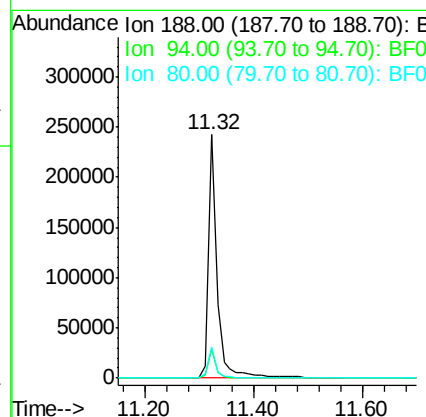
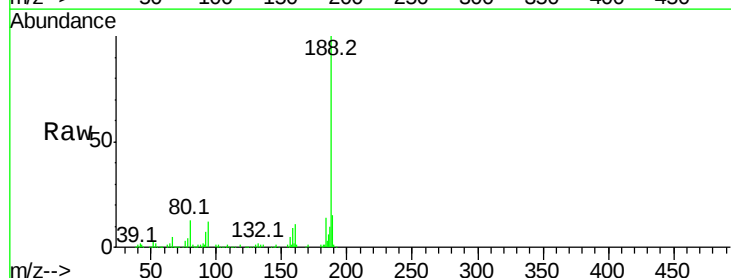
Instrument :
BNA_F
ClientSampleId :
26WARD-1A-CS-1(0-25FTBGS)

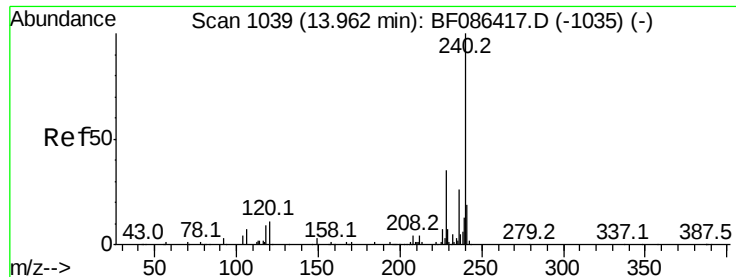
Tot Ion:163 Resp: 109914
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086448.D
Acq: 28 Apr 2016 2:51

Tgt Ion:188 Resp: 267333
Ion Ratio Lower Upper
188 100
94 11.6 6.8 10.2#
80 12.6 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

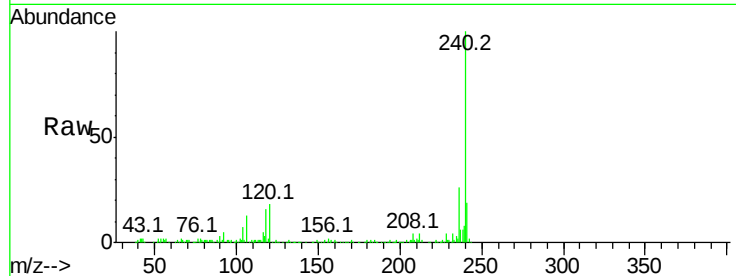
Tot Ion:240 Resp: 300051

Ion Ratio Lower Upper

240 100

120 18.2 11.2 16.8#

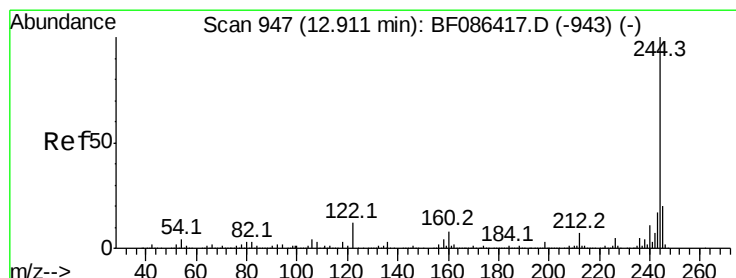
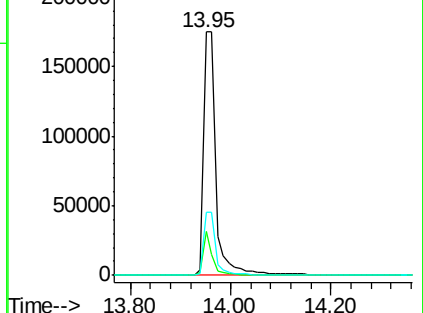
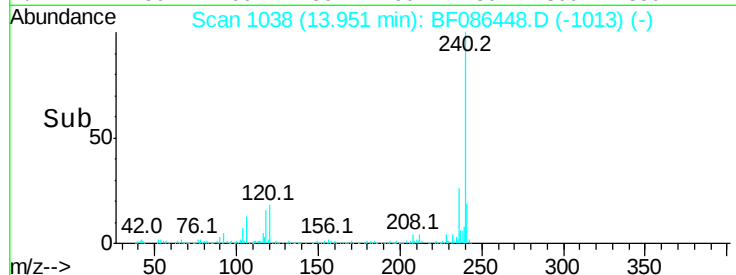
236 26.0 21.2 31.8



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: 48.74 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

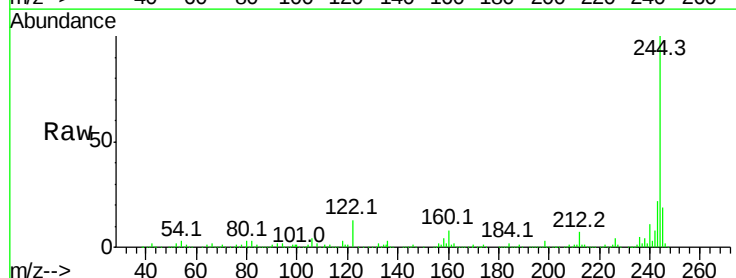
Tgt Ion:244 Resp: 663753

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

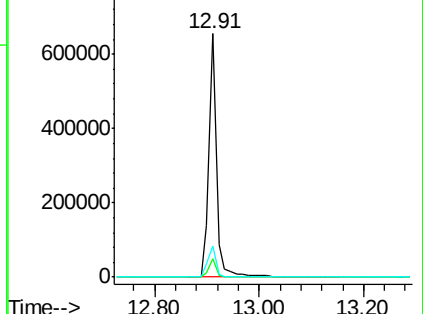
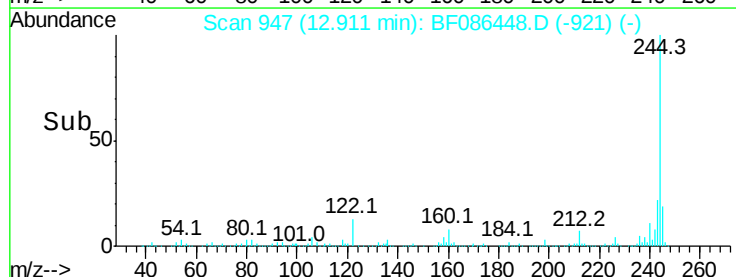
122 12.8 12.0 18.0

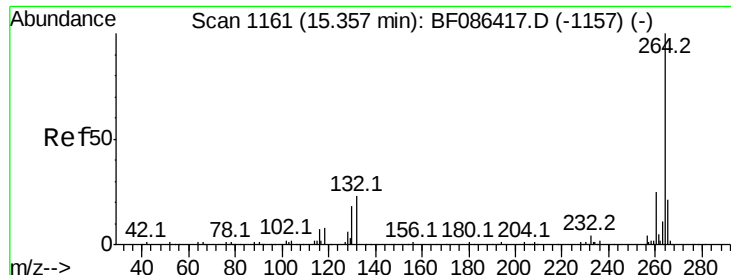


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

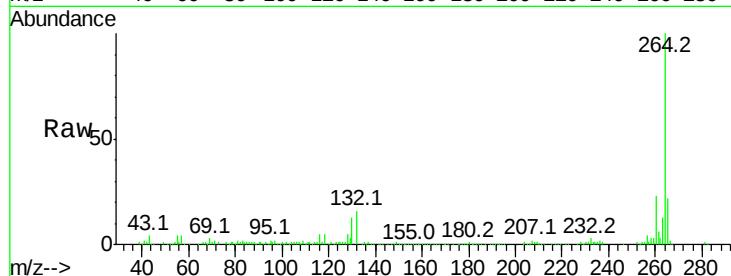




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF086448.D
 Acq: 28 Apr 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	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

