

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090880.D
 Acq On : 27 Oct 2016 21:30
 Operator : UM/SJ
 Sample : H5423-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9COMP(0-16FEET)

Quant Time: Oct 28 01:33:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 18:46:43 2016
 Response via : Initial Calibration

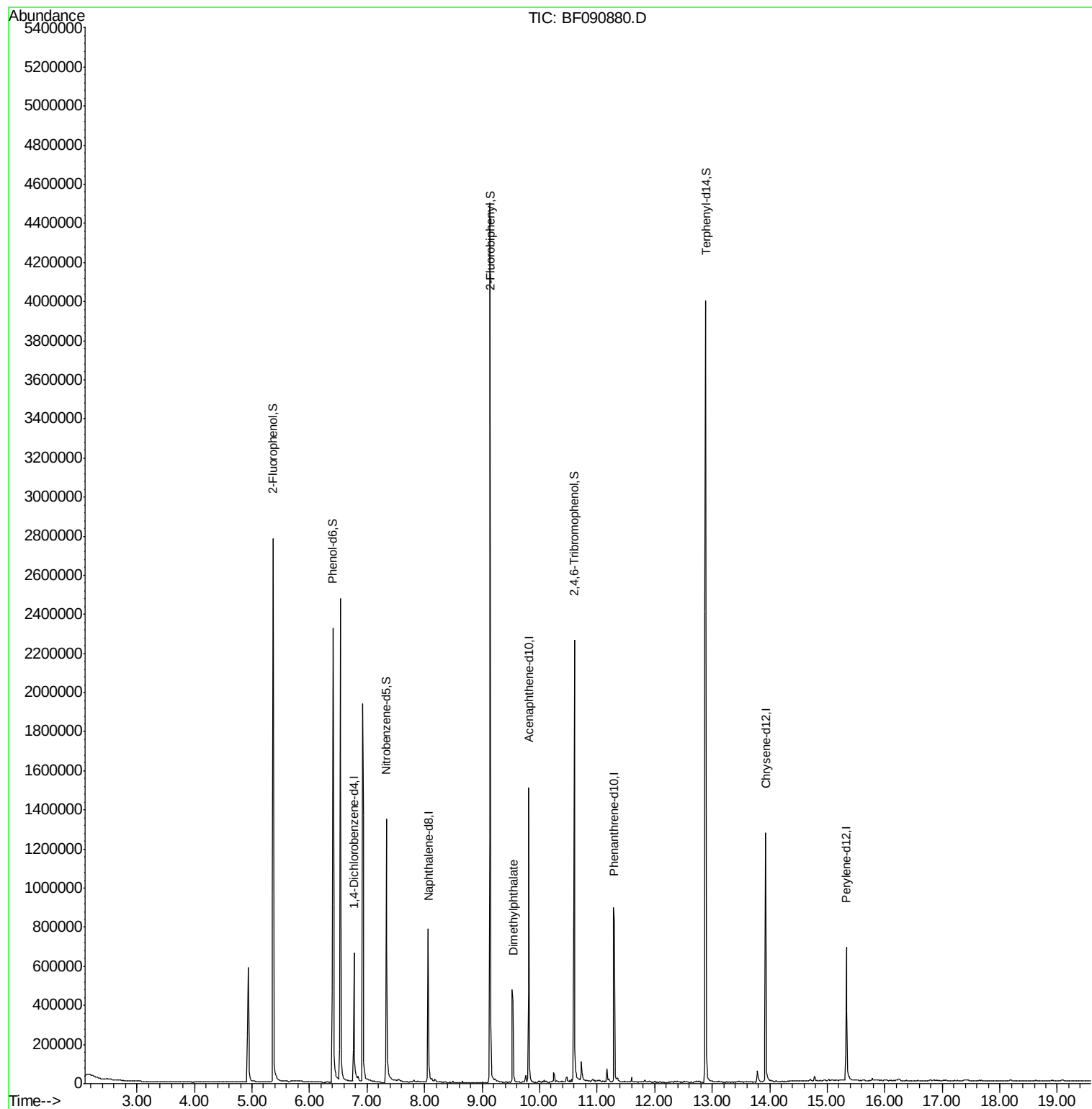
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	135322	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	587279	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	342135	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	542395	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	444913	20.00	ng	-0.02
86) Perylene-d12	15.33	264	311247	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	927874	119.88	ng	0.00
7) Phenol-d6	6.41	99	1115479	106.83	ng	-0.01
23) Nitrobenzene-d5	7.33	82	651606	72.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	348160	99.02	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1452925	74.57	ng	-0.01
78) Terphenyl-d14	12.89	244	1591543	90.12	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	302788	13.25	ng	# 96

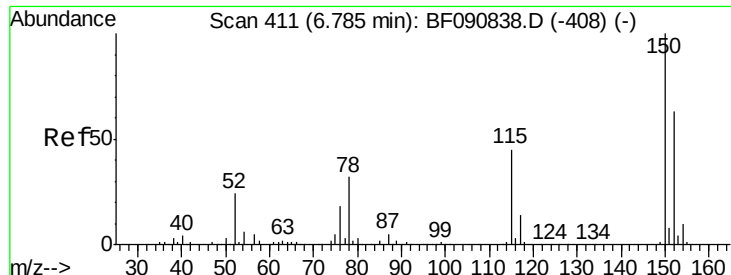
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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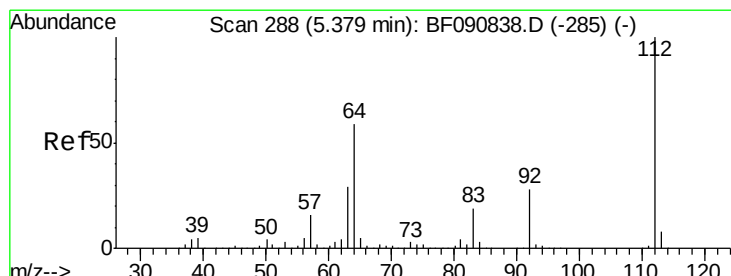
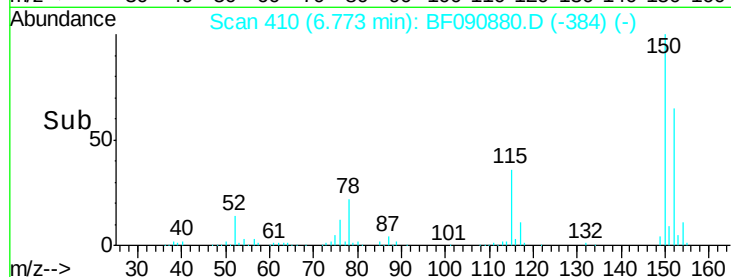
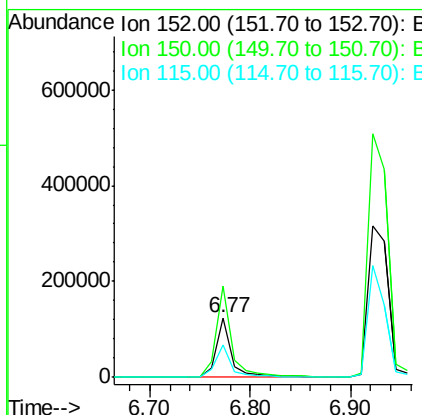
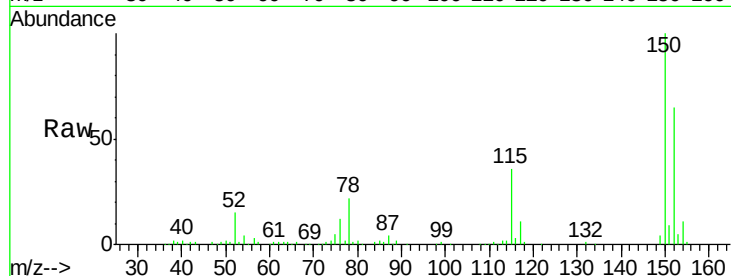


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

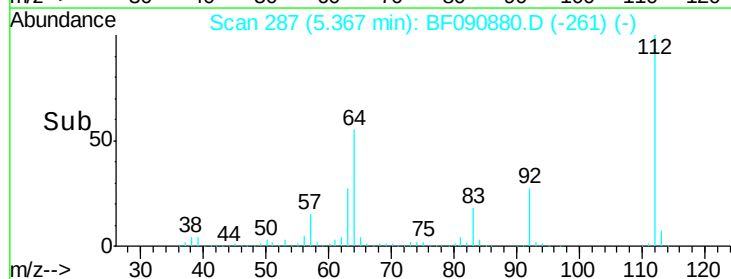
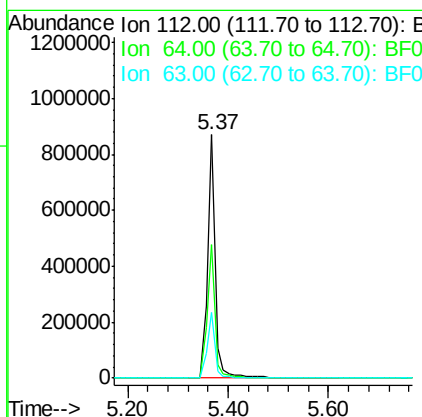
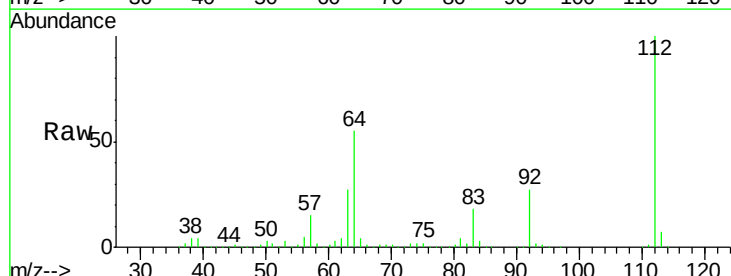
Tot Ion:152 Resp: 135322
Ion Ratio Lower Upper
152 100
150 154.0 124.7 187.1
115 54.9 39.0 58.4

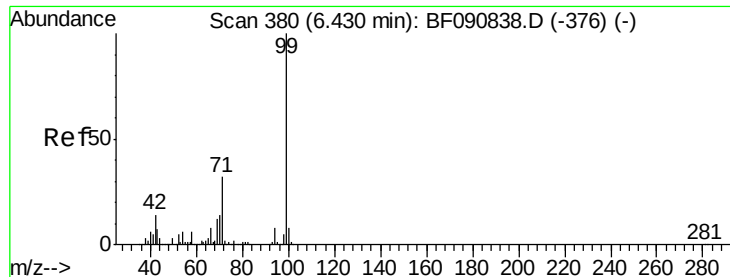


#5

2-Fluorophenol
Concen: 119.88 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

Tgt Ion:112 Resp: 927874
Ion Ratio Lower Upper
112 100
64 54.9 39.7 59.5
63 27.2 17.4 26.0#





#7

Phenol-d6

Concen: 106.83 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

Instrument :

BNA_F

ClientSampleId :

SB-9COMP(0-16FEET)

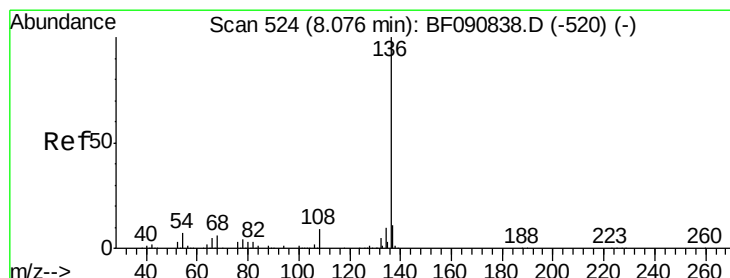
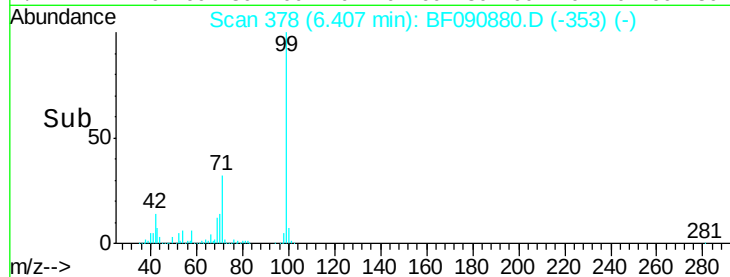
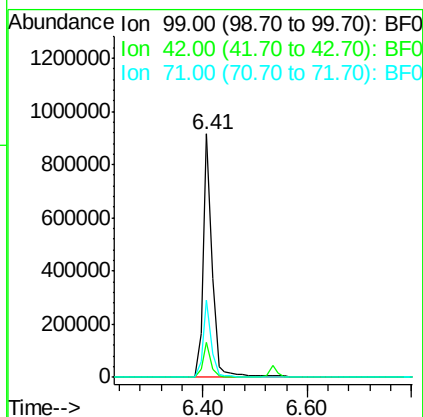
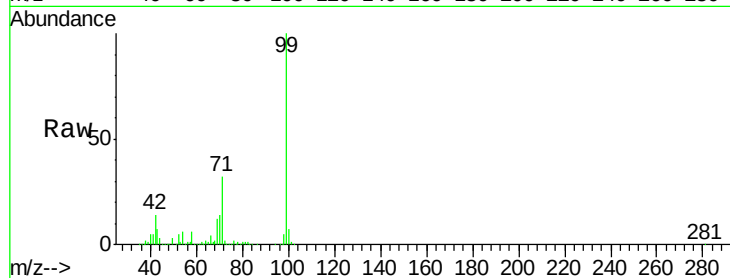
Tot Ion: 99 Resp: 1115479

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.7	20.5
71	31.8	14.2	21.2

99 100

42 14.1 13.7 20.5

71 31.8 14.2 21.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

Tgt Ion: 136 Resp: 587279

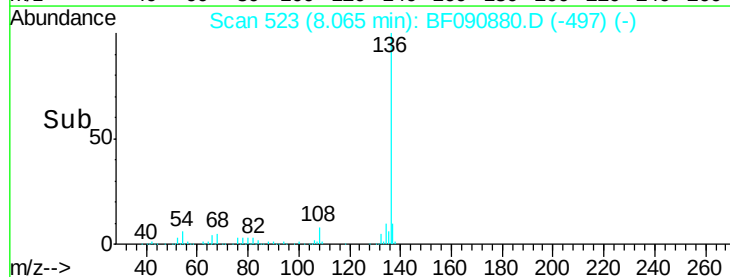
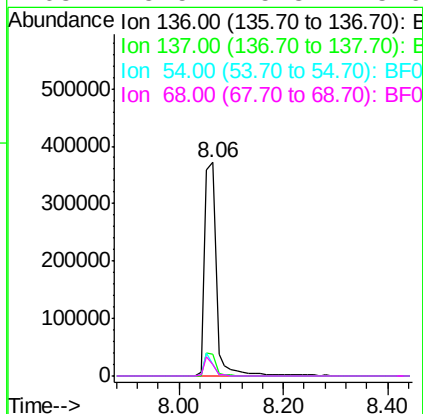
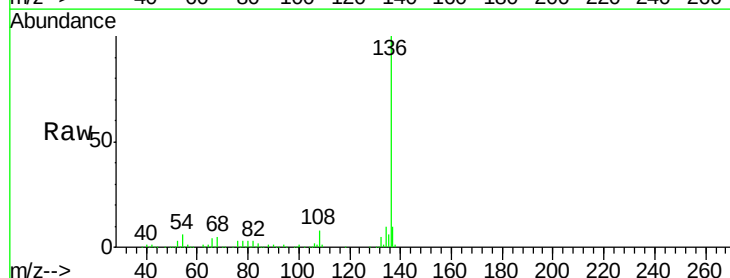
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	5.7	8.2	12.2
68	5.5	5.8	8.6

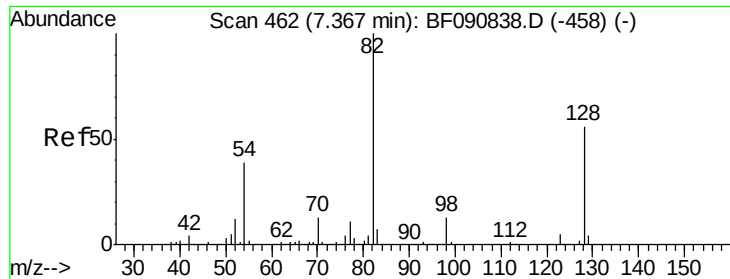
136 100

137 10.5 9.0 13.6

54 5.7 8.2 12.2

68 5.5 5.8 8.6





#23

Nitrobenzene-d5

Concen: 72.63 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

Instrument :

BNA_F

ClientSampleId :

SB-9COMP(0-16FEET)

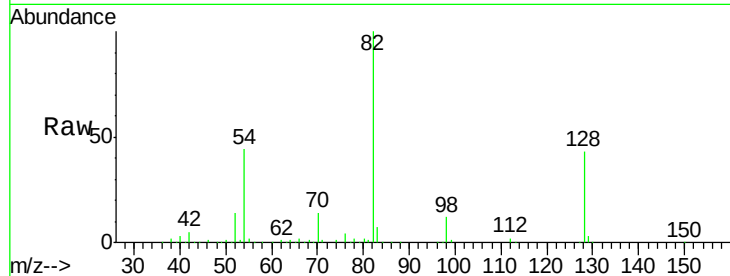
Tot Ion: 82 Resp: 651606

Ion Ratio Lower Upper

82 100

128 43.4 51.0 76.6#

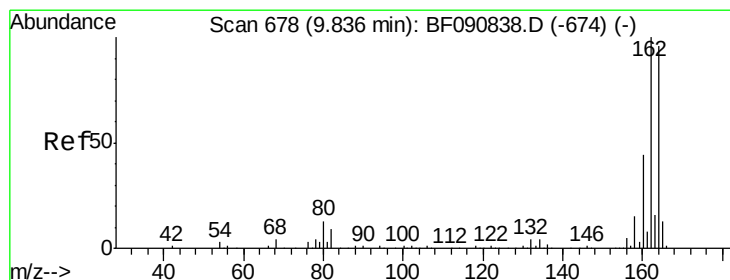
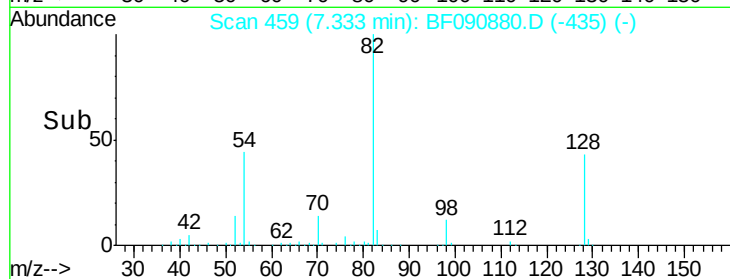
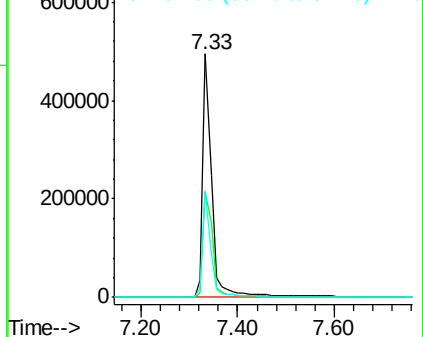
54 43.7 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

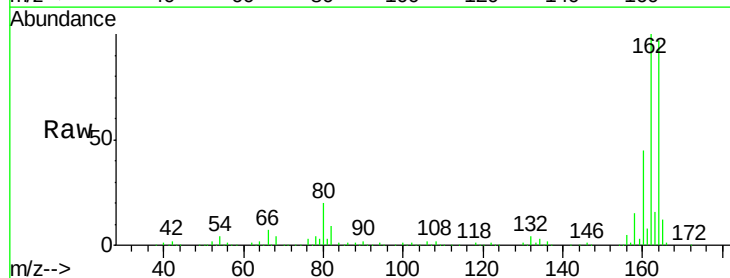
Tgt Ion: 164 Resp: 342135

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

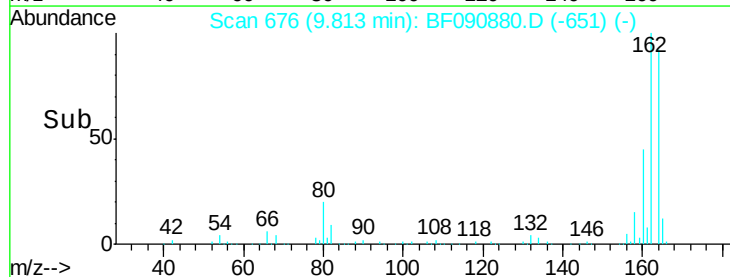
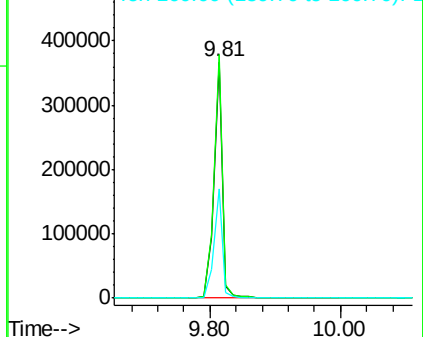
160 46.1 31.5 47.3

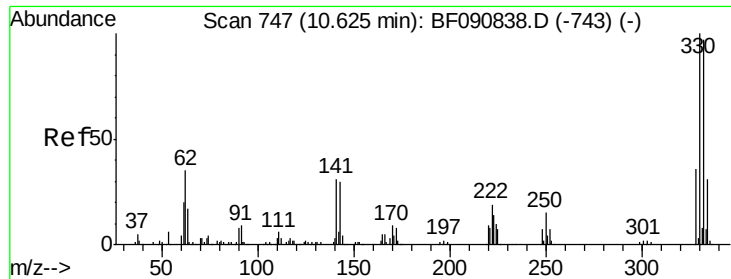


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

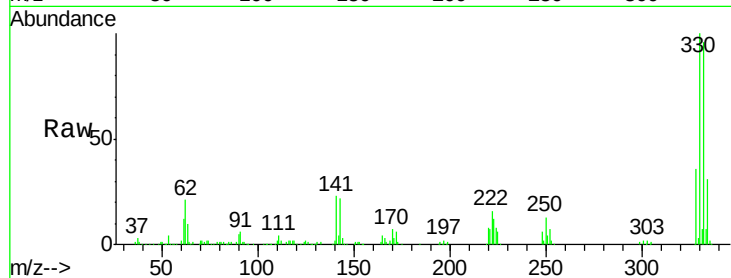




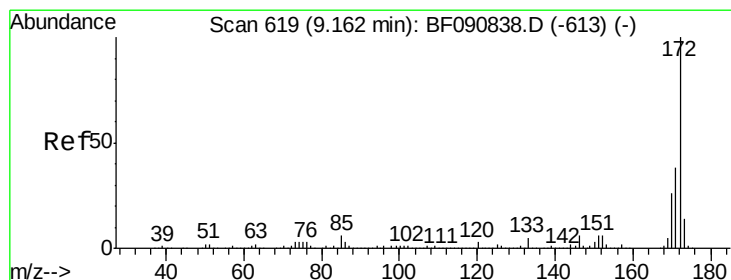
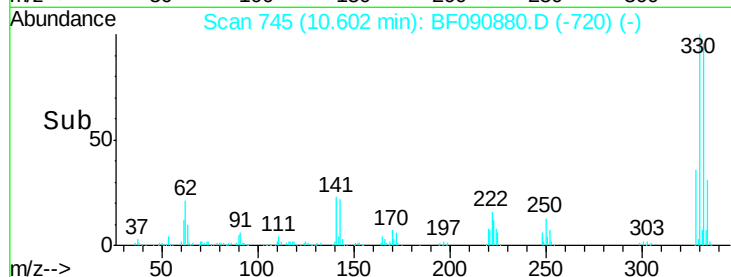
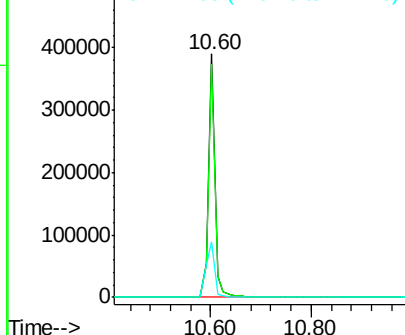
#41
 2,4,6-Tribromophenol
 Concen: 99.02 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090880.D
 Acq: 27 Oct 2016 21:30

Instrument :
 BNA_F
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 SB-9COMP(0-16FEET)

Tot Ion:330 Resp: 348160
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 30.4 29.7 44.5

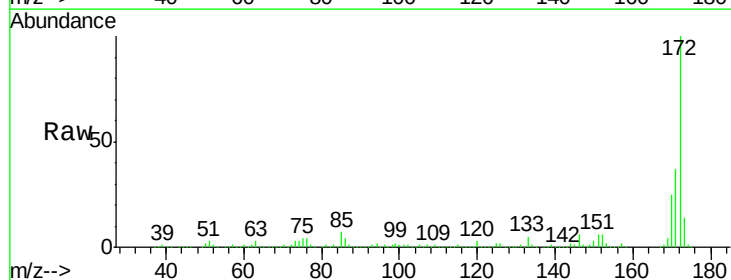


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

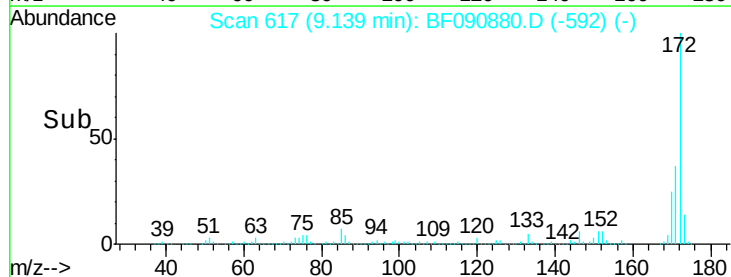
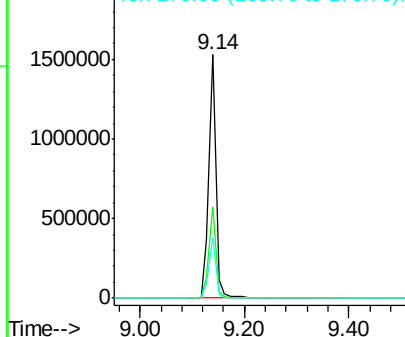


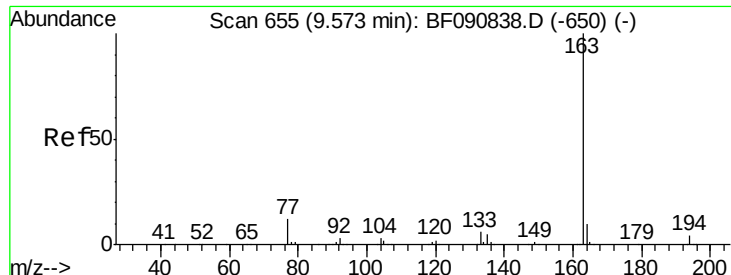
#44
 2-Fluorobiphenyl
 Concen: 74.57 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090880.D
 Acq: 27 Oct 2016 21:30

Tgt Ion:172 Resp: 1452925
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.1 17.4 26.2



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: 13.25 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

Instrument :

BNA_F

ClientSampleId :

SB-9COMP(0-16FEET)

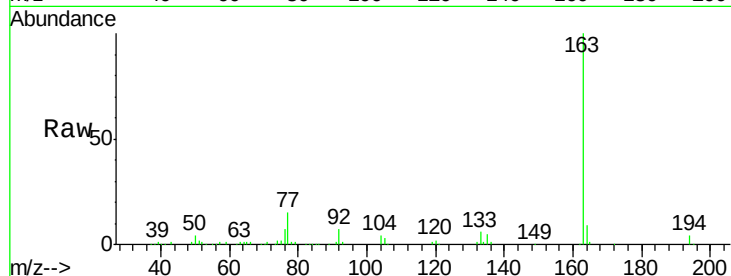
Tot Ion:163 Resp: 302788

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

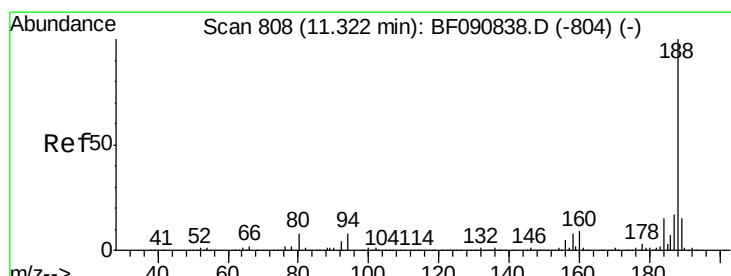
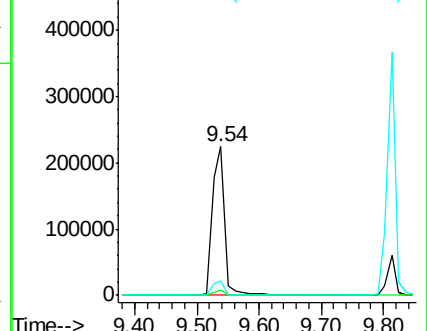
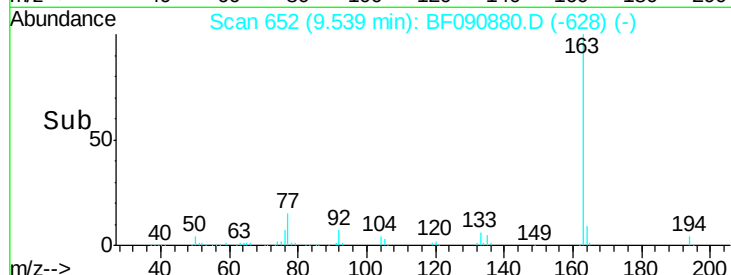
164 9.4 8.3 12.5



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: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

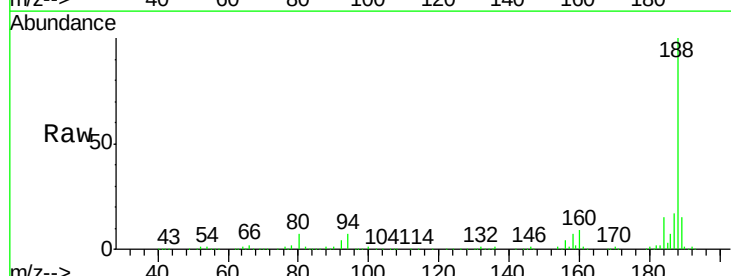
Tgt Ion:188 Resp: 542395

Ion Ratio Lower Upper

188 100

94 6.8 11.1 16.7#

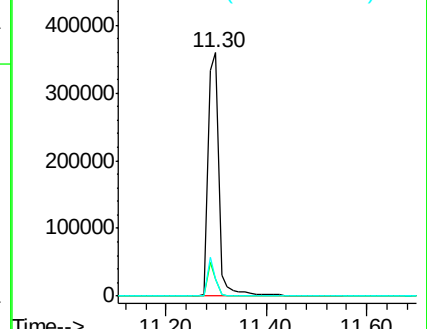
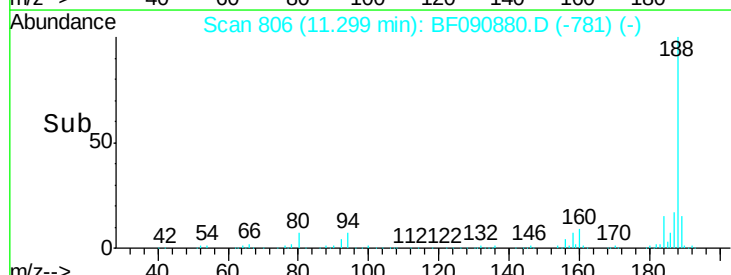
80 7.1 11.0 16.4#

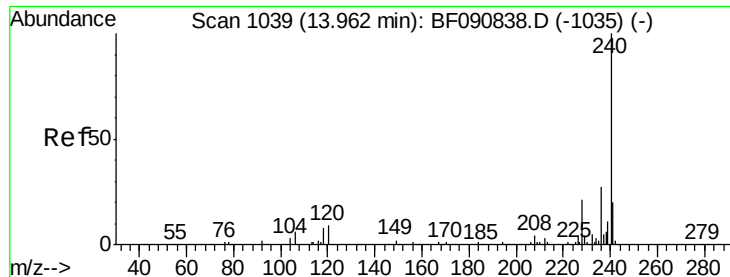


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

Instrument :

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ClientSampleId :

SB-9COMP(0-16FEET)

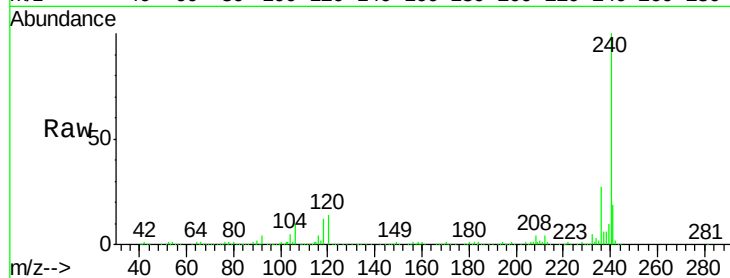
Tot Ion:240 Resp: 444913

Ion Ratio Lower Upper

240 100

120 14.0 16.2 24.2#

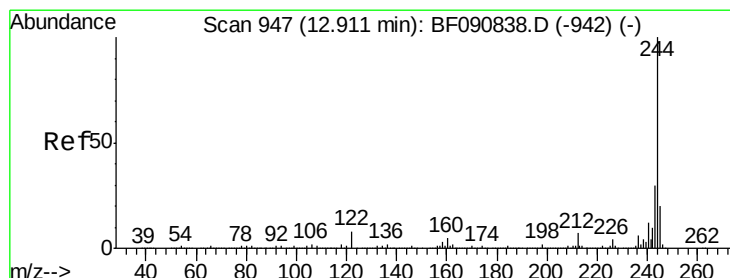
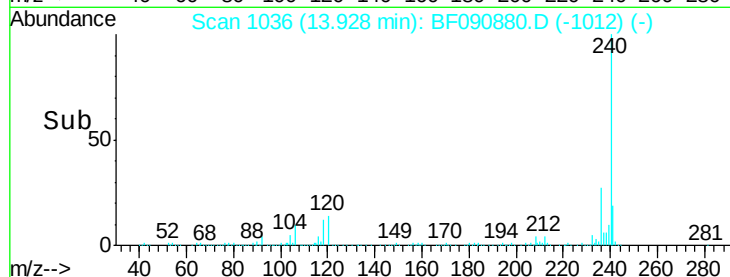
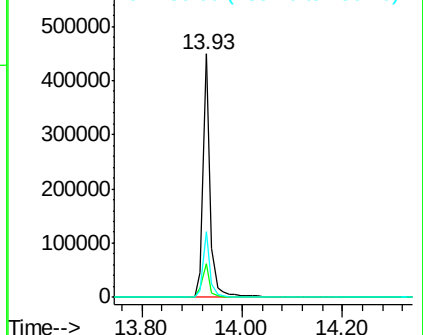
236 27.0 18.4 27.6



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: 90.12 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

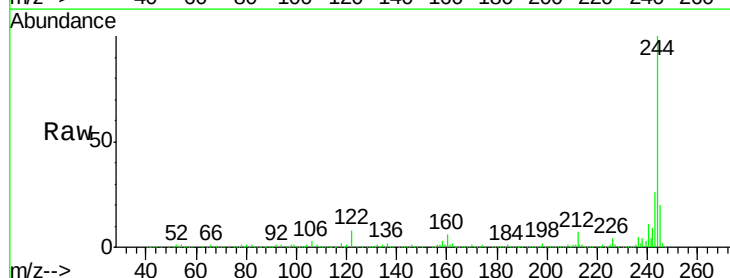
Tgt Ion:244 Resp: 1591543

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

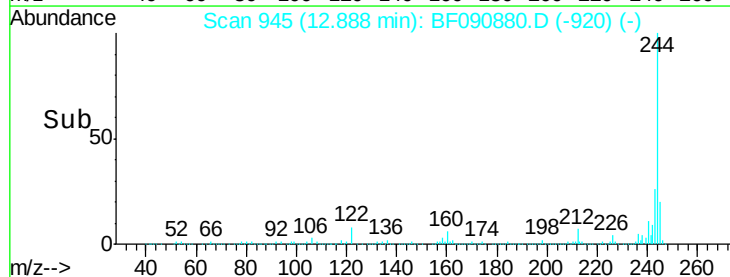
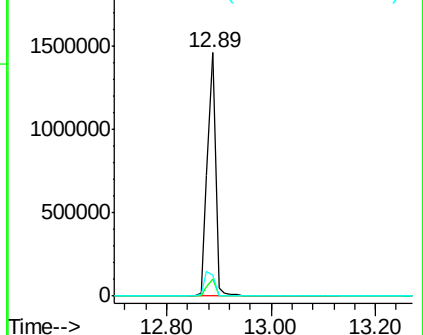
122 8.4 17.4 26.2#

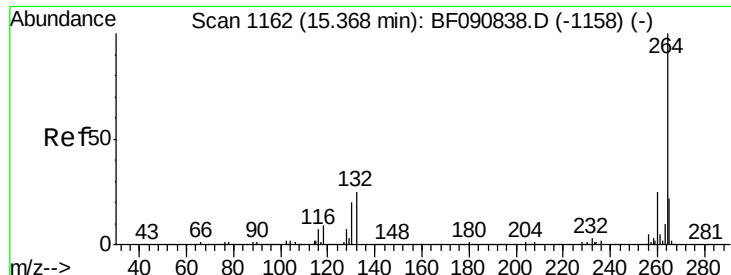


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



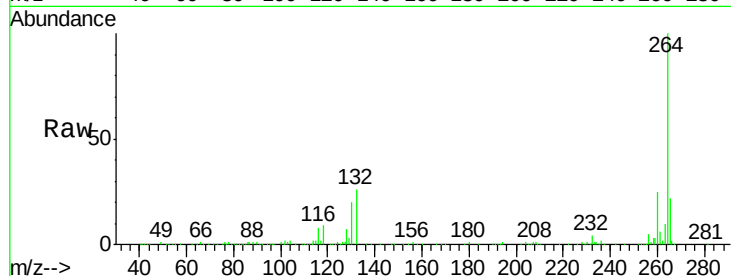


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

Tot Ion:264 Resp: 311247

Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.9	17.2	25.8



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

