

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 01:14:22 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

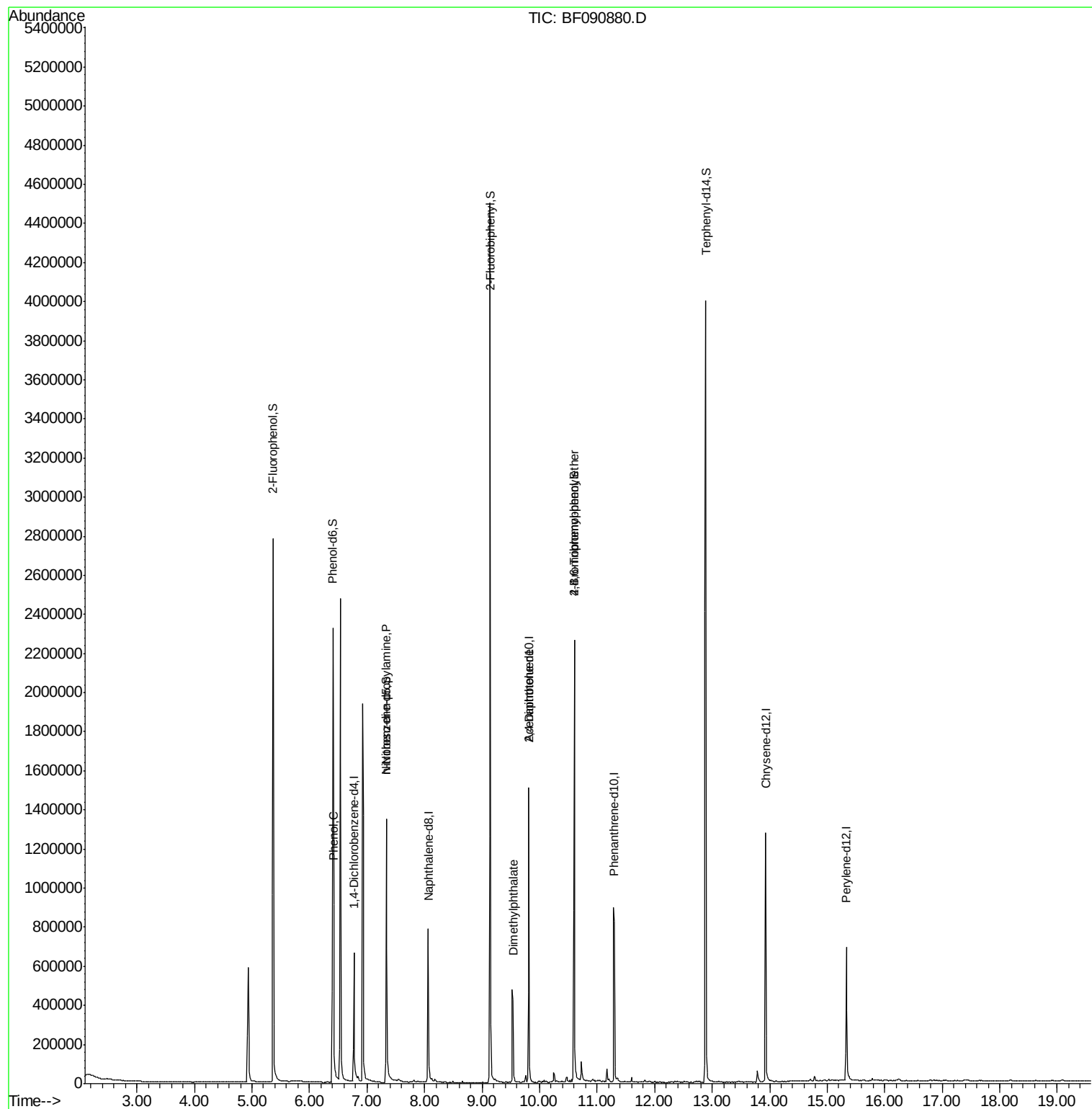
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	135322	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	587279	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	342135	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	542395	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	444913	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						
10) Phenol	6.42	94	36845	3.20	ng	# 28
19) n-Nitroso-di-n-propylamine	7.33	70	83385	13.81	ng	# 51
49) Dimethylphthalate	9.54	163	302788	13.25	ng	# 96
56) 2,4-Dinitrotoluene	9.81	165	43128	6.88	ng	# 33
66) 4-Bromophenyl-phenylether	10.60	248	22689	3.82	ng	# 1

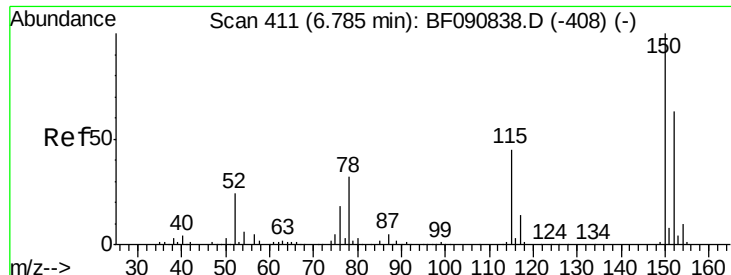
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 01:14:22 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



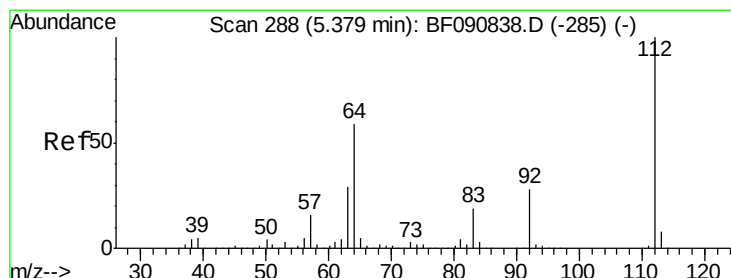
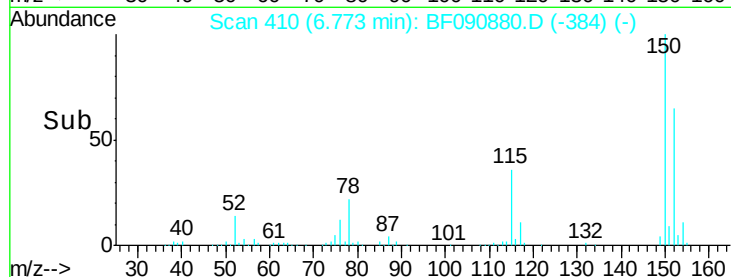
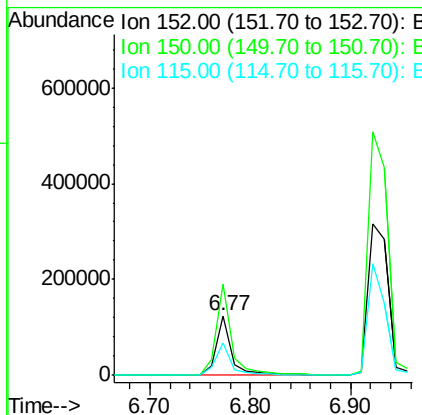
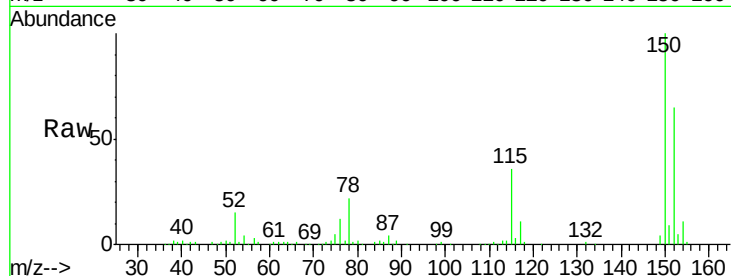


#1

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)

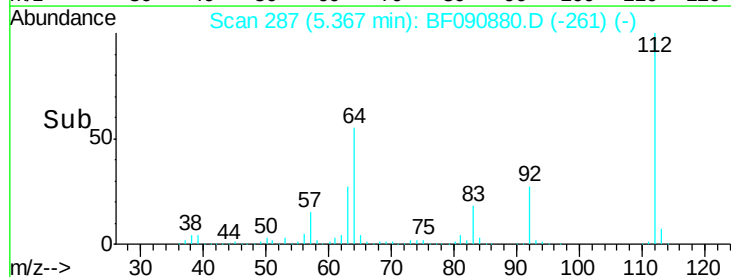
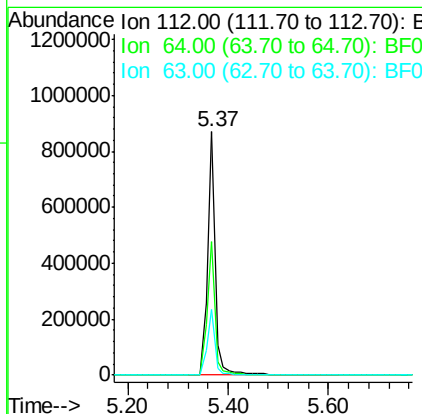
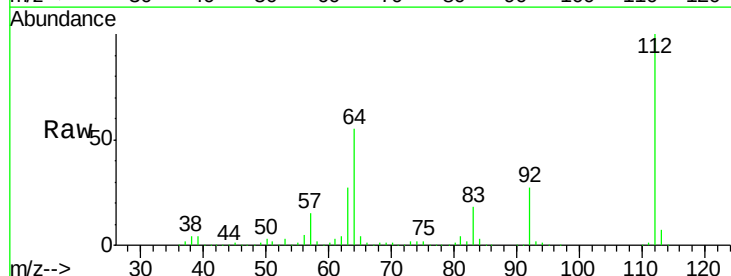
Tgt Ion:152 Resp: 135322
Ion Ratio Lower Upper
152 100
150 154.0 124.7 187.1
115 54.9 39.0 58.4

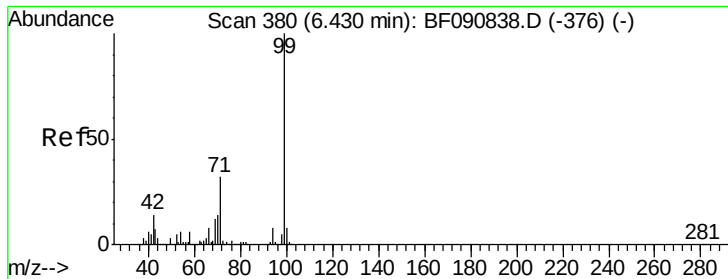


#5

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)

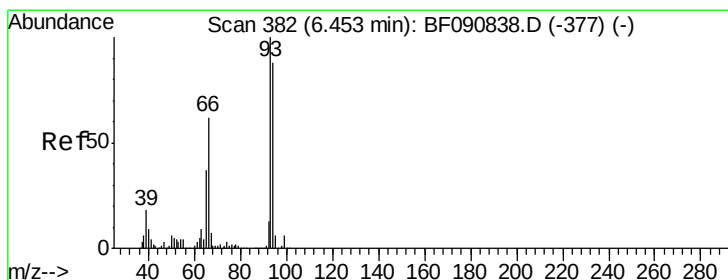
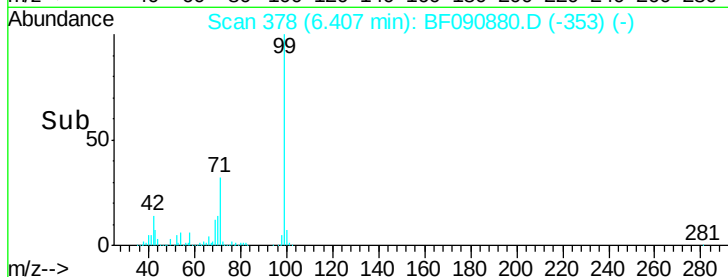
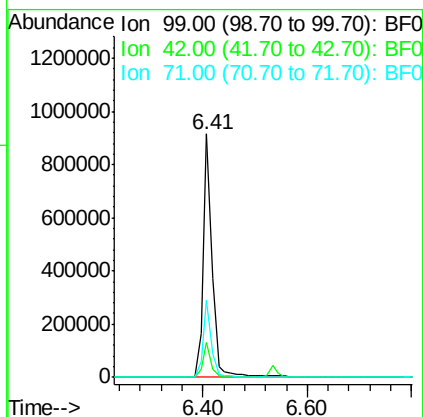
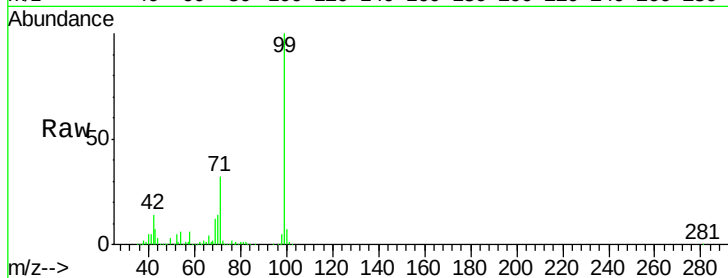
Tgt Ion: 99 Resp: 1115479

Ion Ratio Lower Upper

99 100

42 14.1 13.7 20.5

71 31.8 14.2 21.2#



#10

Phenol

Concen: 3.20 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090880.D

Acq: 27 Oct 2016 21:30

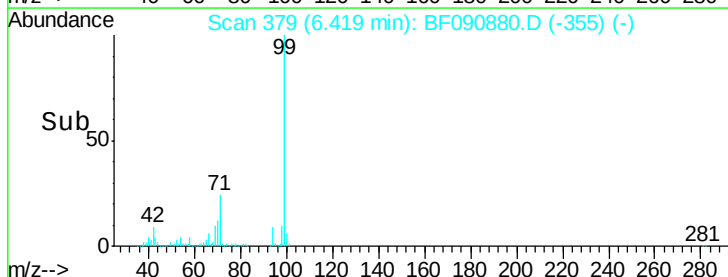
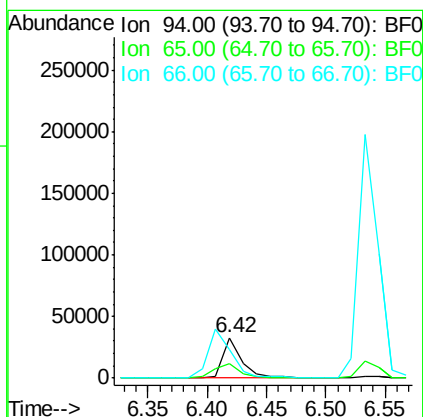
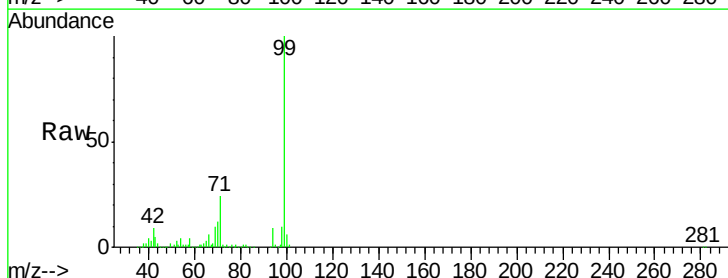
Tgt Ion: 94 Resp: 36845

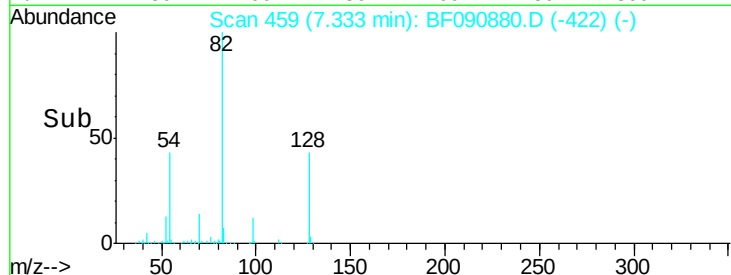
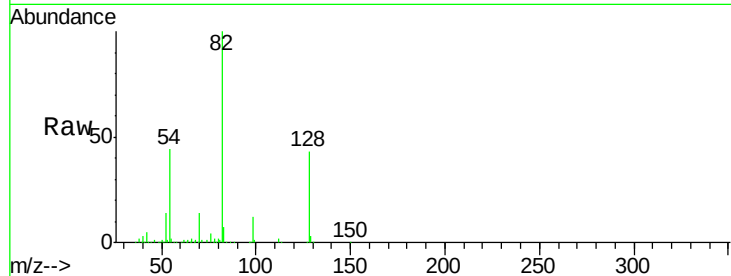
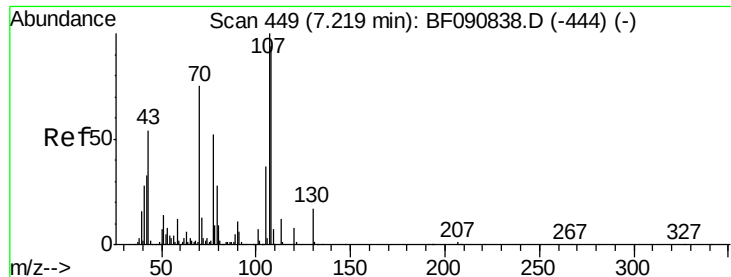
Ion Ratio Lower Upper

94 100

65 36.1 0.7 40.7

66 72.3 0.8 40.8#

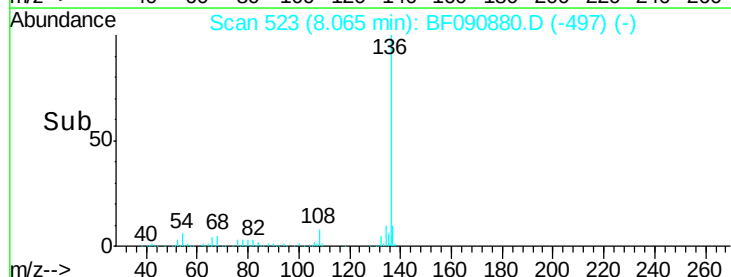
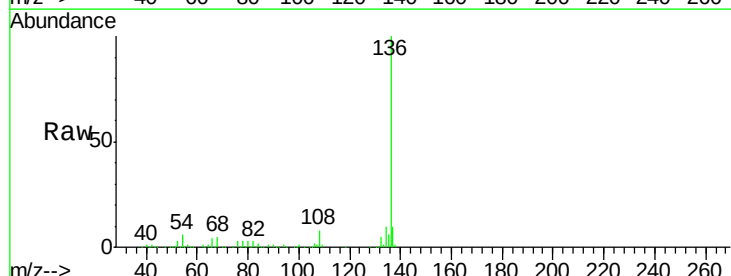
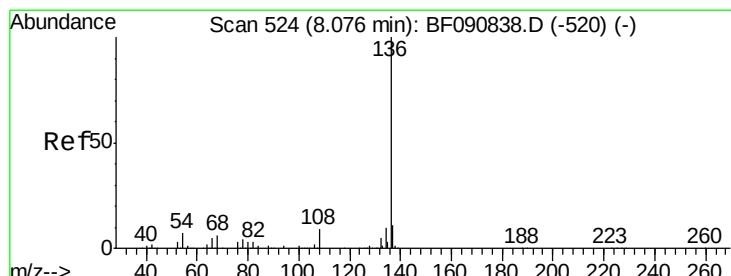
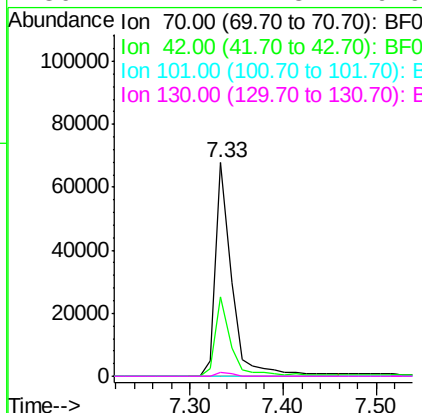




#19
n-Nitroso-di-n-propylamine
Concen: 13.81 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

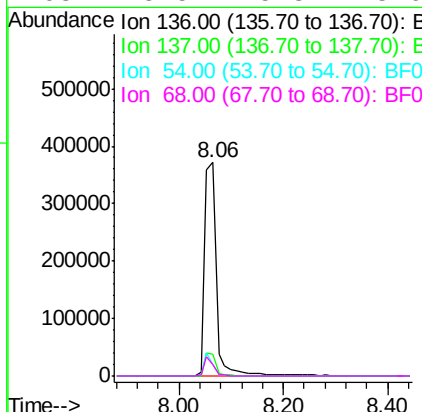
Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

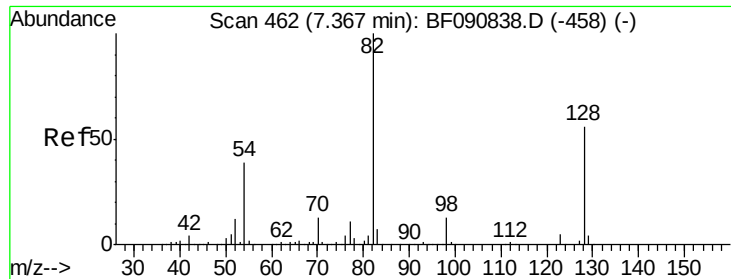
Tgt Ion:	70	Resp:	83385
Ion	Ratio	Lower	Upper
70	100		
42	37.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#



#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#





#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)

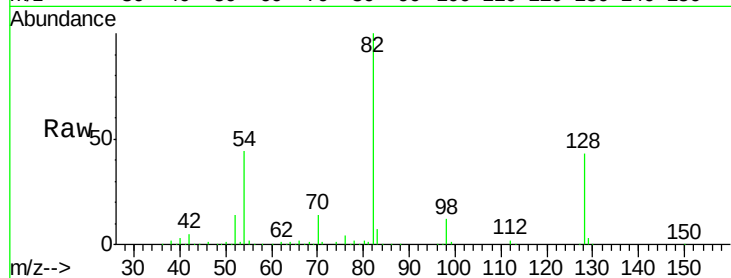
Tgt Ion: 82 Resp: 651606

Ion Ratio Lower Upper

82 100

128 43.4 51.0 76.6#

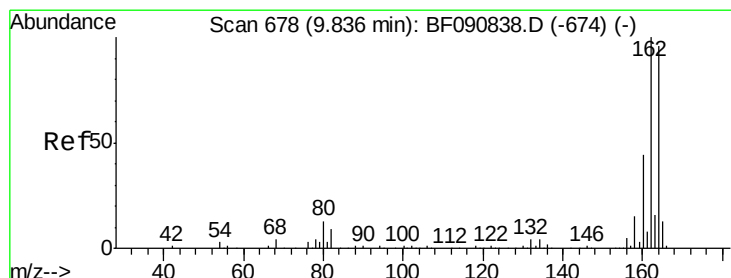
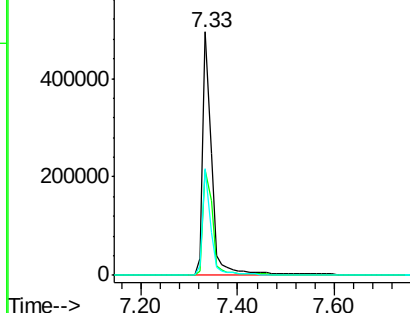
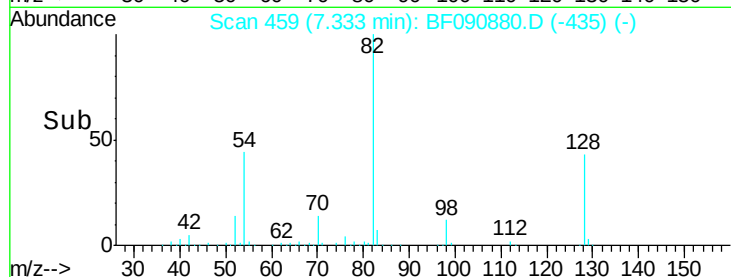
54 43.7 47.5 71.3#



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

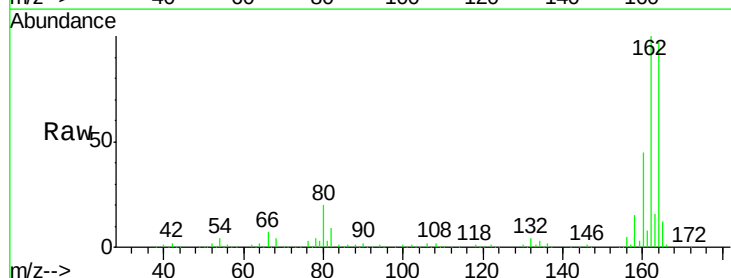
Tgt Ion: 164 Resp: 342135

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

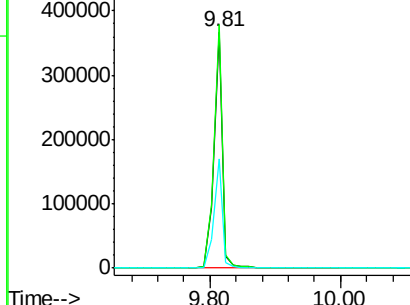
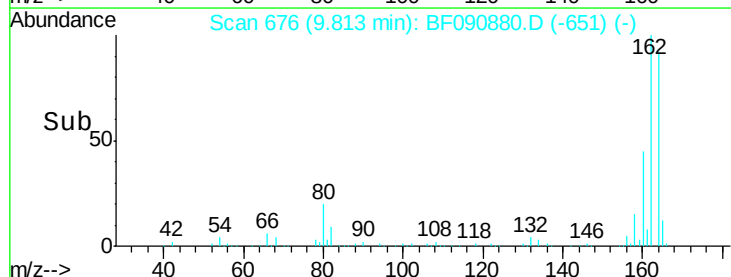
160 46.1 31.5 47.3

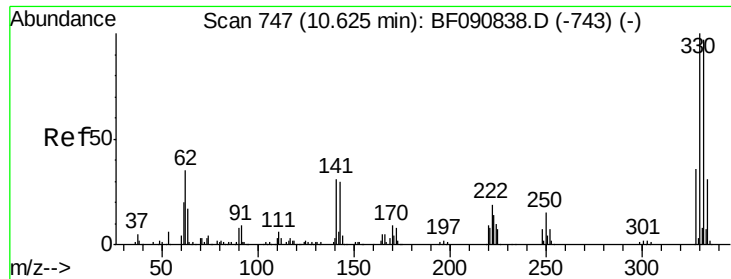


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

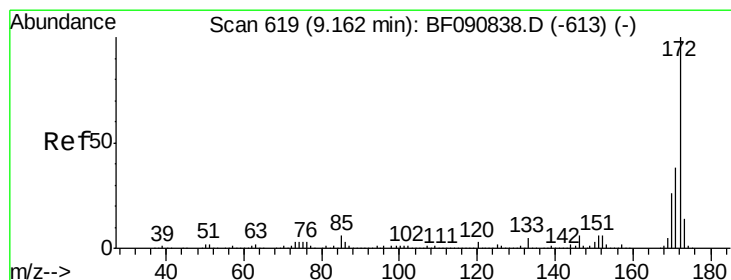
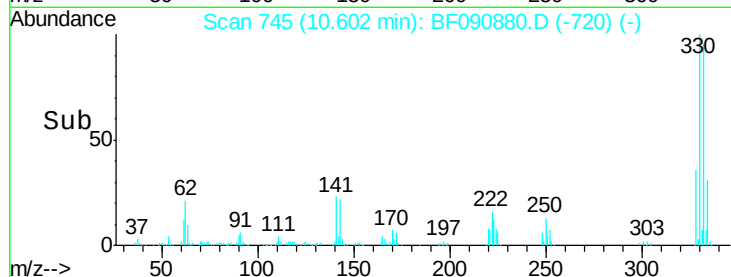
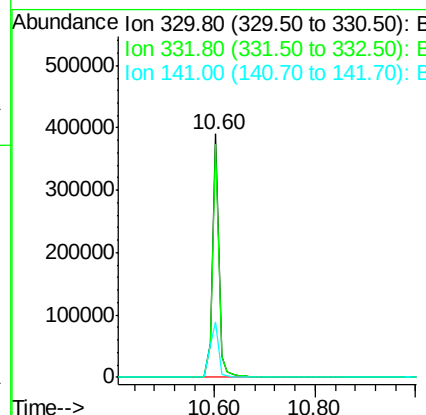
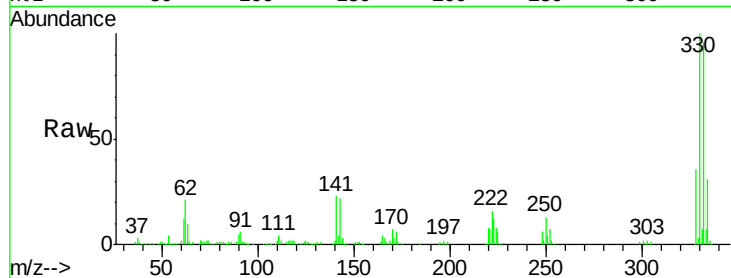




#41
 2,4,6-Tribromophenol
 Concen: 99.02 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090880.D
 Acq: 27 Oct 2016 21:30

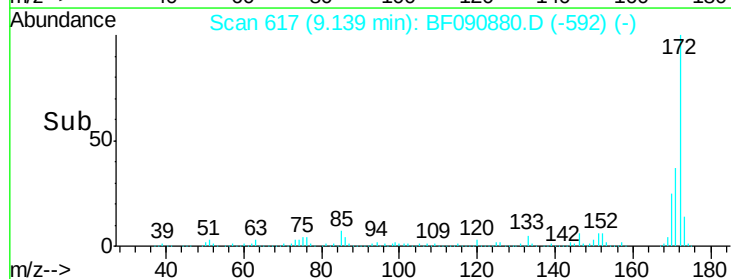
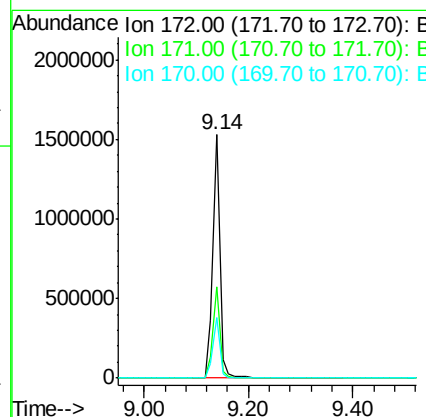
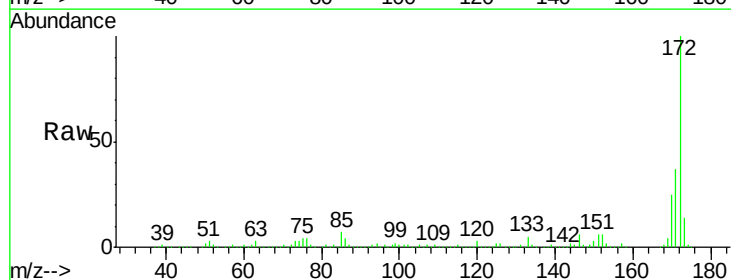
Instrument :
 BNA_F
 ClientSampleId :
 SB-9COMP(0-16FEET)

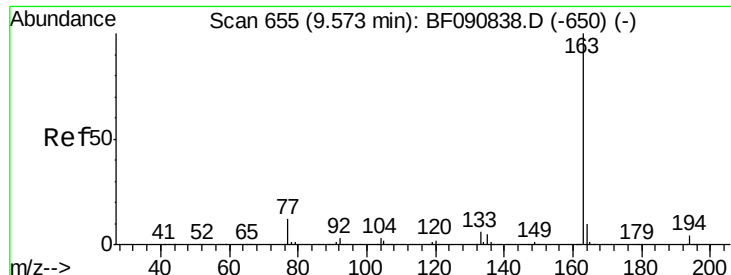
Tgt Ion:330 Resp: 348160
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 30.4 29.7 44.5



#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

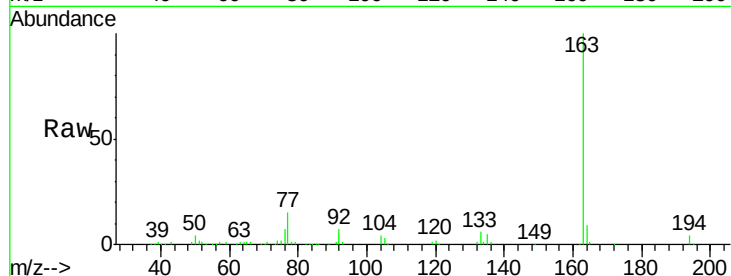




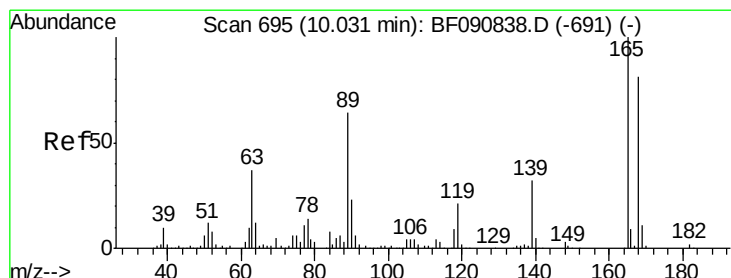
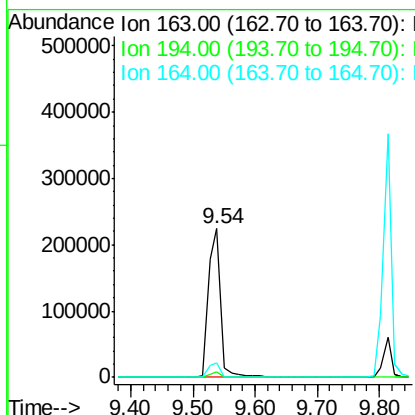
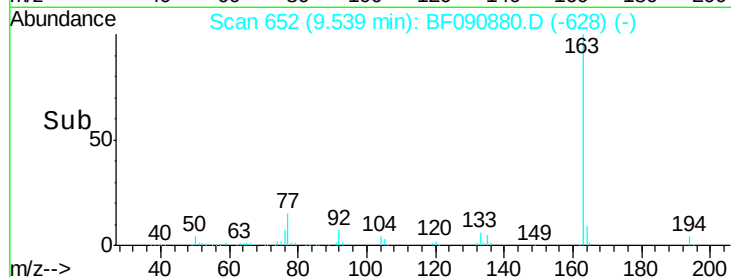
#49
Dimethylphthalate
Concen: 13.25 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

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

Tgt Ion:163 Resp: 302788
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.4 8.3 12.5

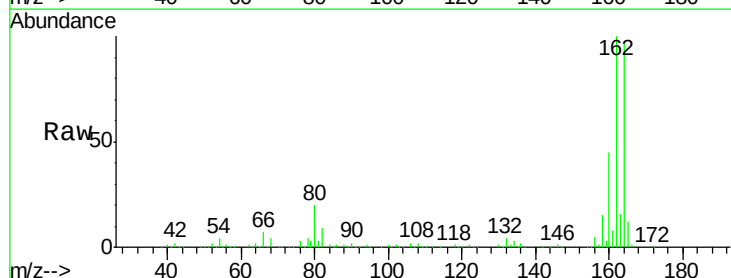


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

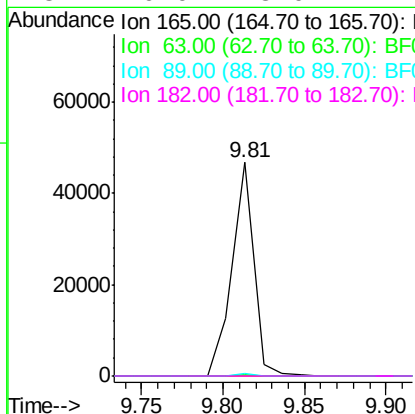
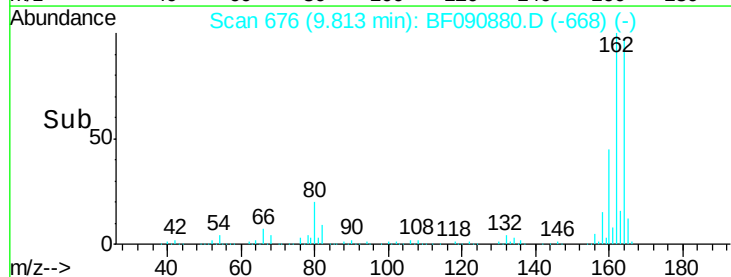


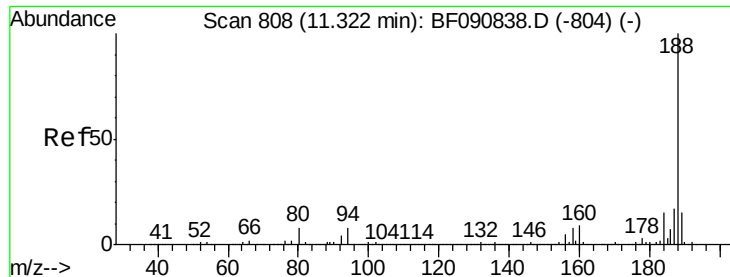
#56
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

Tgt Ion:165 Resp: 43128
Ion Ratio Lower Upper
165 100
63 0.9 29.8 44.6#
89 0.9 44.5 66.7#
182 0.0 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

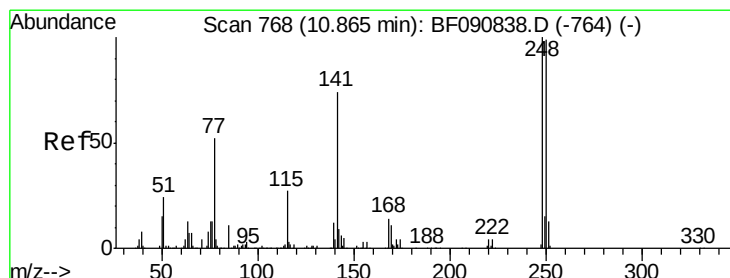
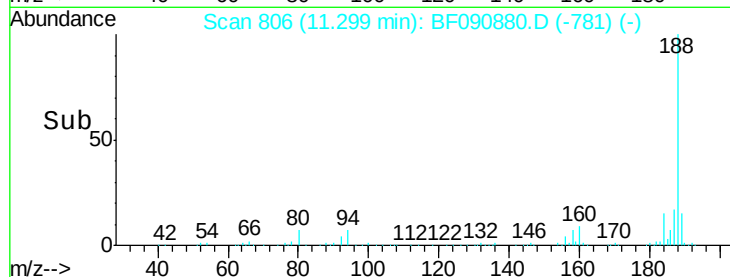
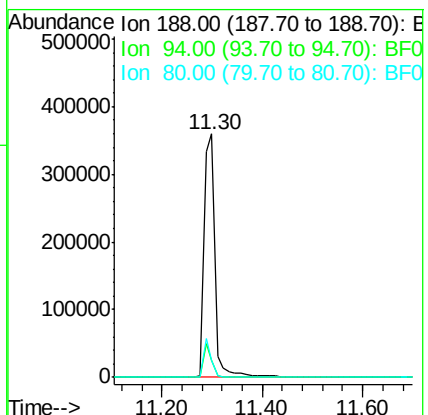
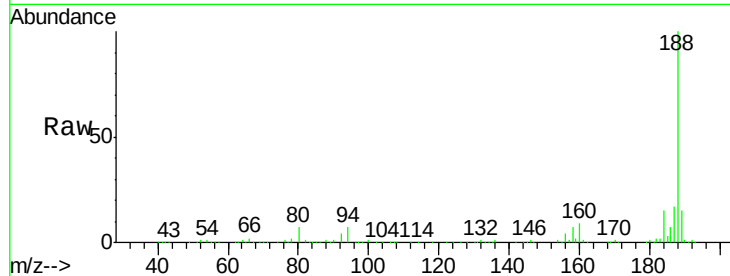




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

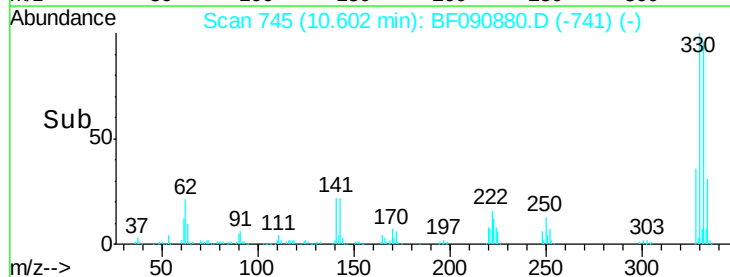
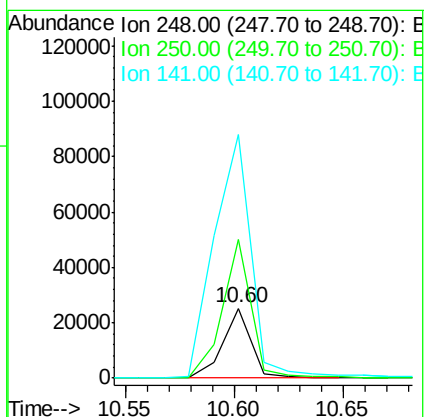
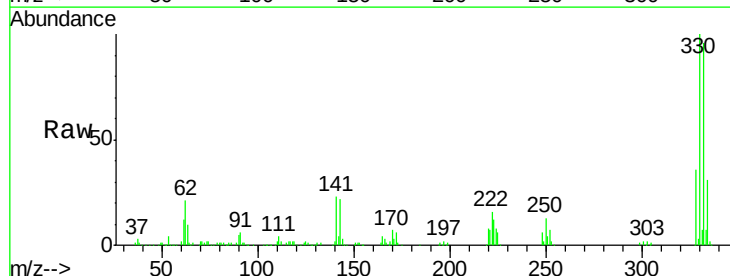
Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

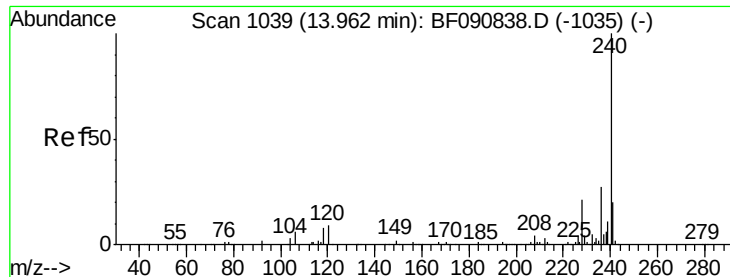
Tgt Ion:188 Resp: 542395
Ion Ratio Lower Upper
188 100
94 6.8 11.1 16.7#
80 7.1 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

Tgt Ion:248 Resp: 22689
Ion Ratio Lower Upper
248 100
250 199.7 78.5 117.7#
141 349.3 59.0 88.6#





#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 :

BNA_F

ClientSampleId :

SB-9COMP(0-16FEET)

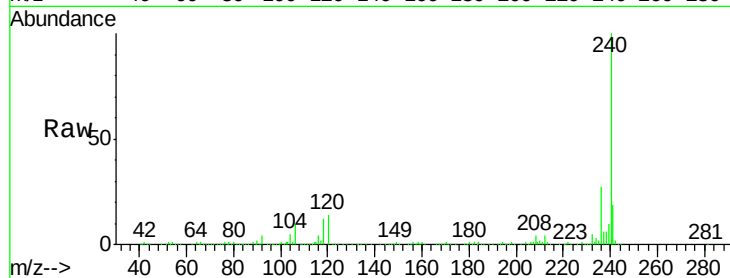
Tgt Ion:240 Resp: 444913

Ion Ratio Lower Upper

240 100

120 14.0 16.2 24.2#

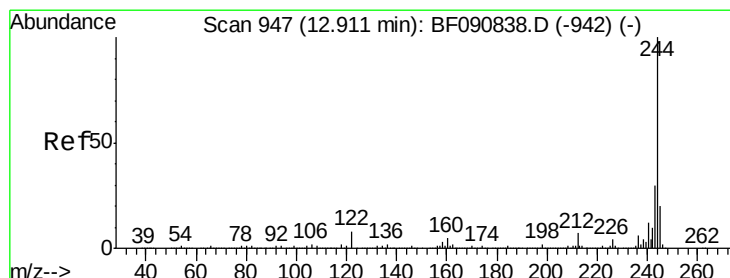
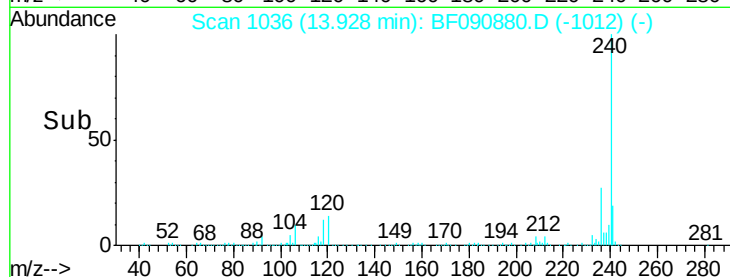
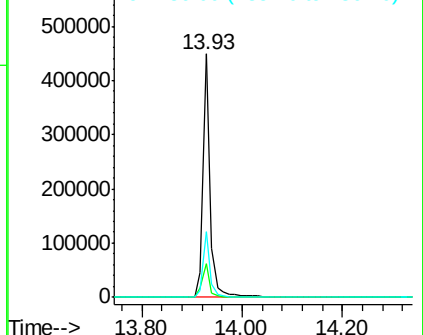
236 27.0 18.4 27.6



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

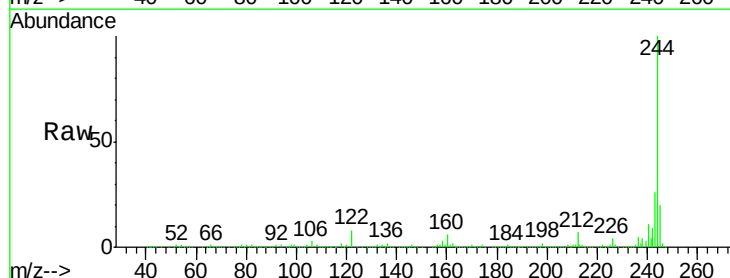
Tgt Ion:244 Resp: 1591543

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

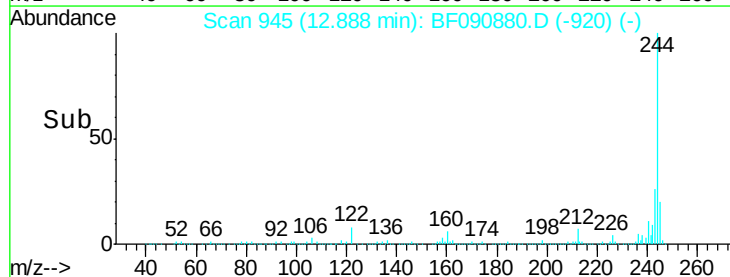
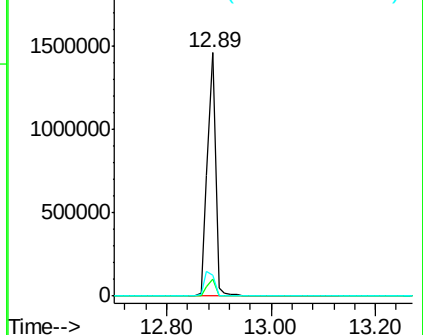
122 8.4 17.4 26.2#

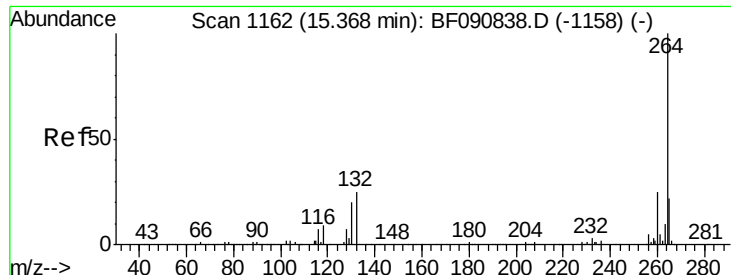


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

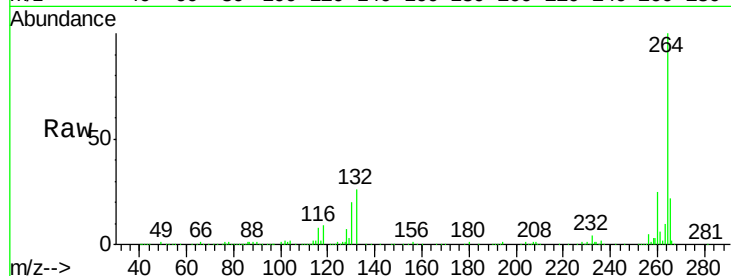




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF090880.D
Acq: 27 Oct 2016 21:30

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

Tgt 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

