

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090881.D
 Acq On : 27 Oct 2016 21:58
 Operator : UM/SJ
 Sample : H5423-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10 COMP(0-16FEET)

Quant Time: Oct 28 01:14:37 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

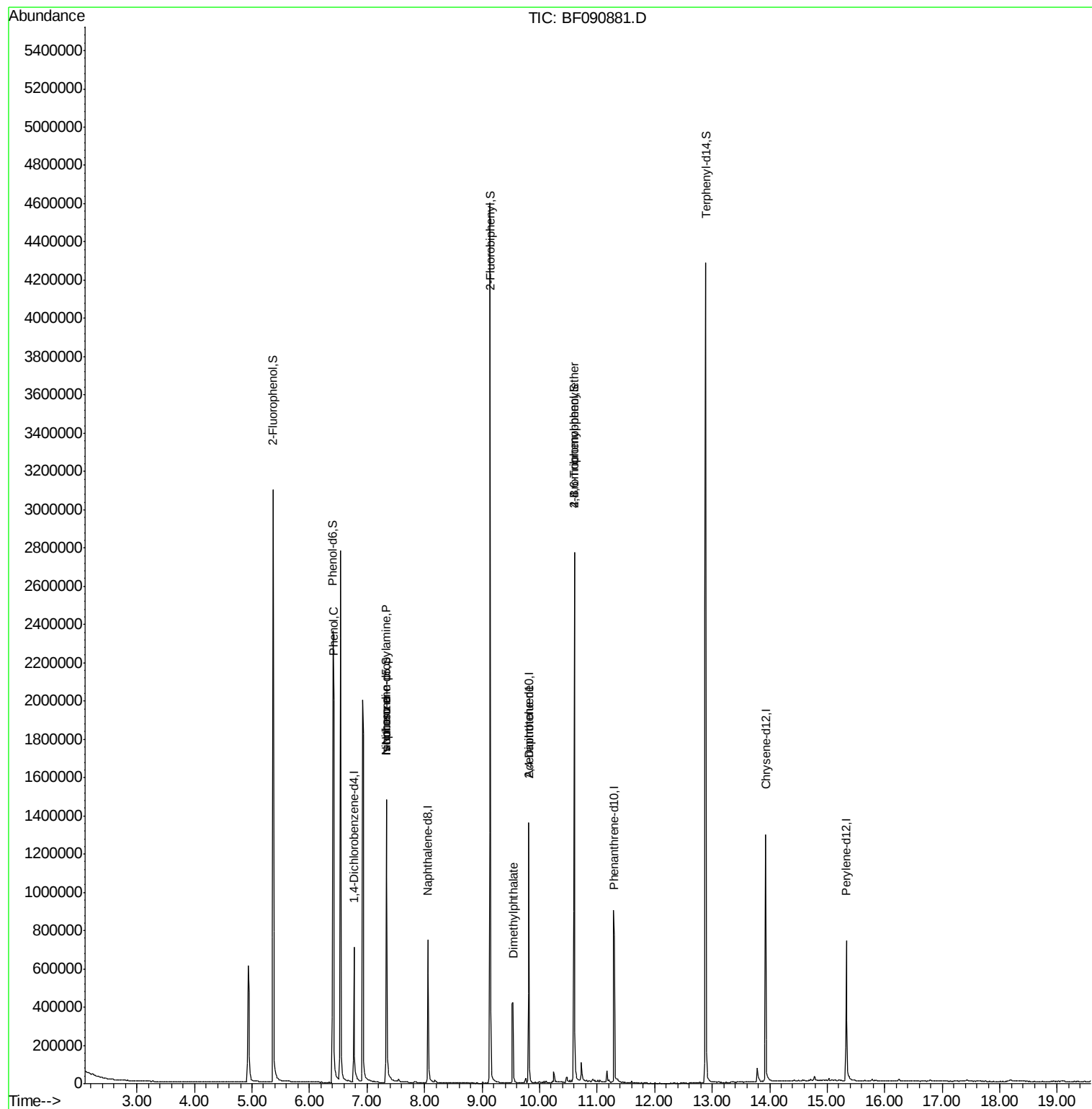
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	135630	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	558364	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	325530	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	539695	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	476082	20.00	ng	-0.02
86) Perylene-d12	15.33	264	343724	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1044066	134.59	ng	0.00
7) Phenol-d6	6.41	99	1417007	135.40	ng	-0.01
23) Nitrobenzene-d5	7.33	82	788111	92.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	396240	118.44	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1547484	83.47	ng	-0.01
78) Terphenyl-d14	12.89	244	1787923	94.62	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	31322	2.72	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	100520	16.61	ng	# 52
25) Isophorone	7.33	82	748726	43.26	ng	# 58
49) Dimethylphthalate	9.54	163	307925	14.16	ng	# 97
56) 2,4-Dinitrotoluene	9.81	165	41503	6.96	ng	# 32
66) 4-Bromophenyl-phenylether	10.60	248	26529	4.49	ng	# 1

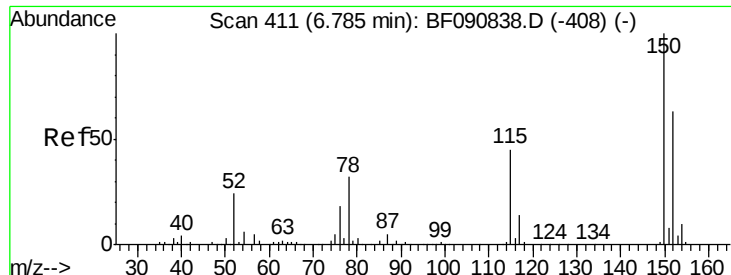
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090881.D

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Instrument :

BNA_F

ClientSampleId :

SB-10 COMP(0-16FEET)

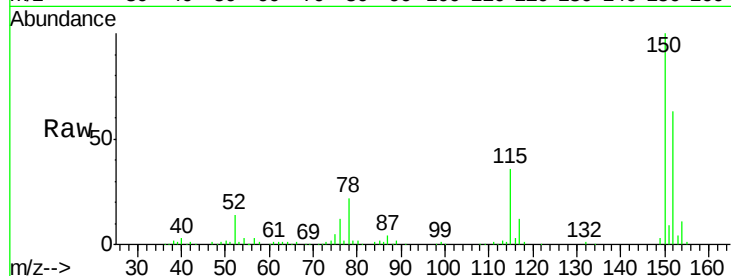
Tgt Ion:152 Resp: 135630

Ion Ratio Lower Upper

152 100

150 158.4 124.7 187.1

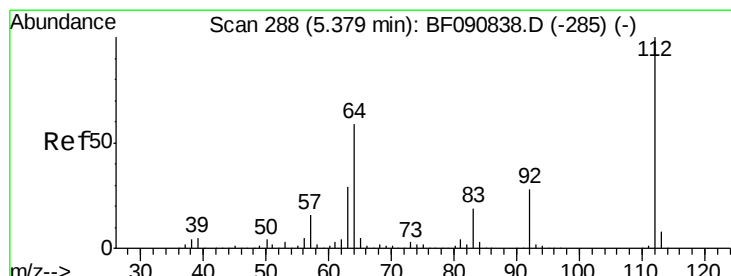
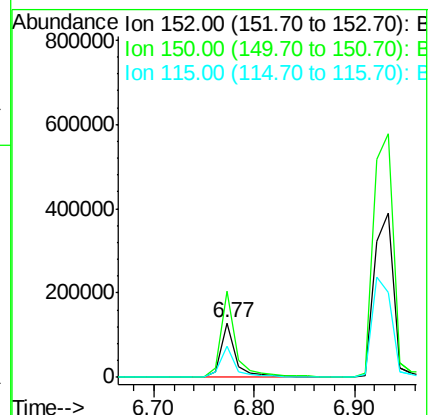
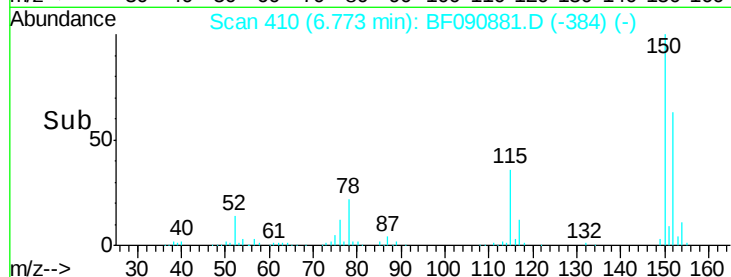
115 57.8 39.0 58.4



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: 134.59 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF090881.D

Acq: 27 Oct 2016 21:58

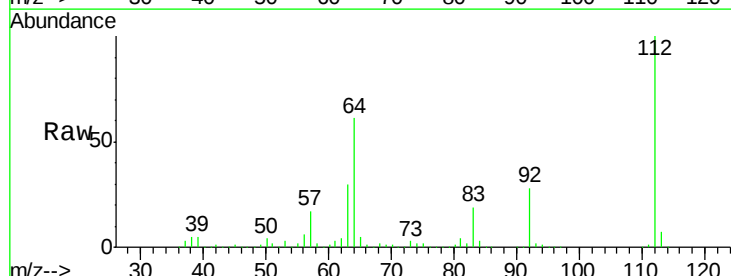
Tgt Ion:112 Resp: 1044066

Ion Ratio Lower Upper

112 100

64 61.5 39.7 59.5#

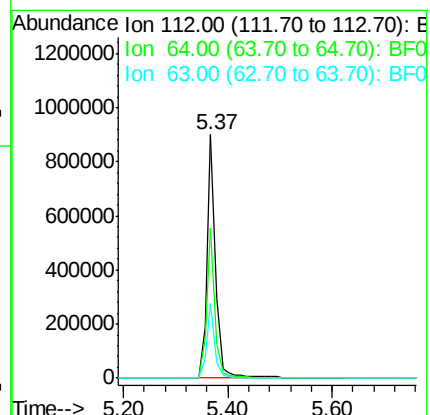
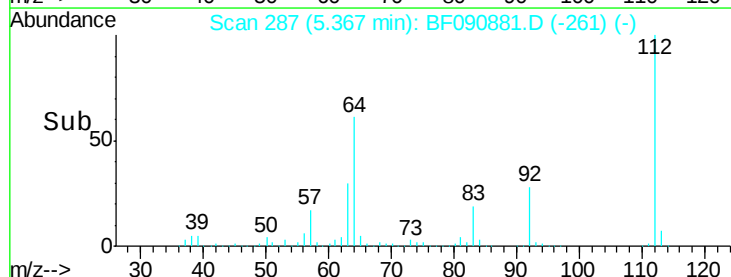
63 30.4 17.4 26.0#

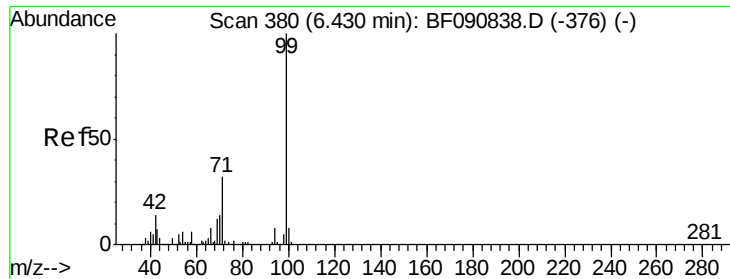


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.40 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090881.D

Acq: 27 Oct 2016 21:58

Instrument :

BNA_F

ClientSampleId :

SB-10 COMP(0-16FEET)

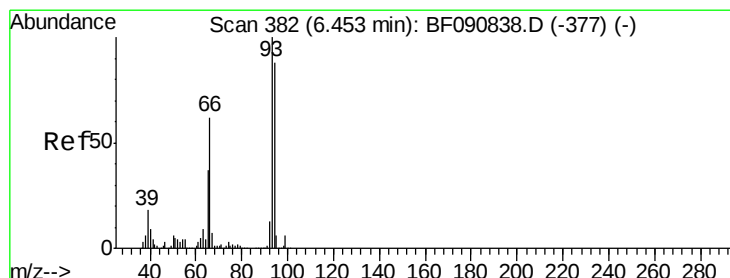
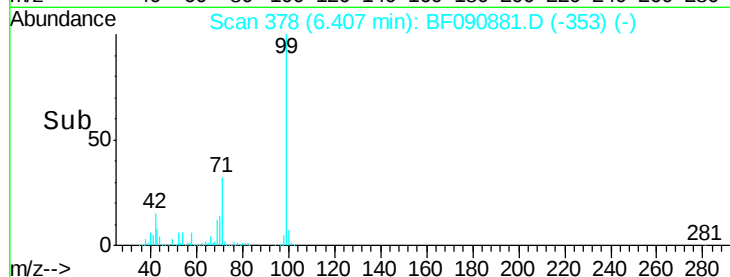
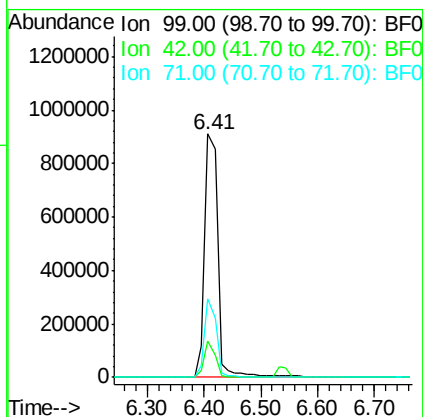
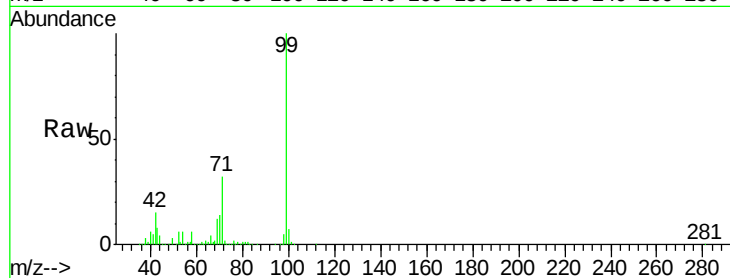
Tgt Ion: 99 Resp: 1417007

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

71 32.2 14.2 21.2#



#10

Phenol

Concen: 2.72 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090881.D

Acq: 27 Oct 2016 21:58

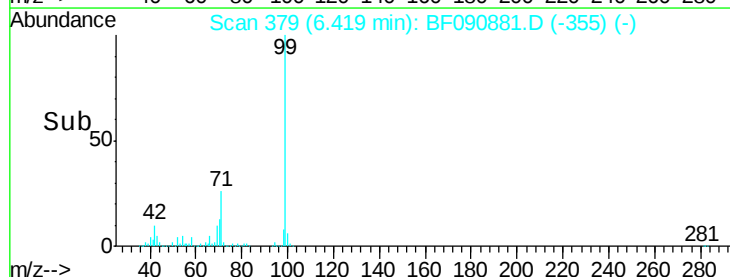
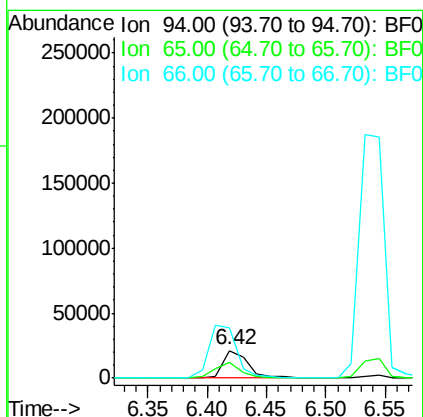
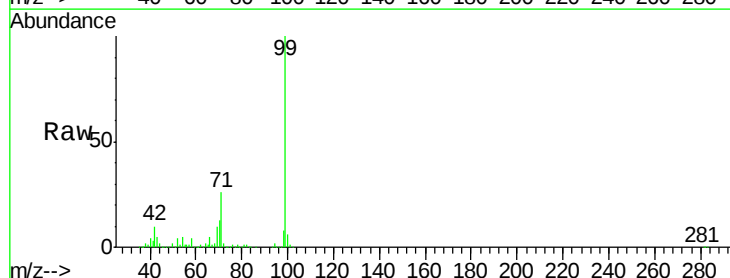
Tgt Ion: 94 Resp: 31322

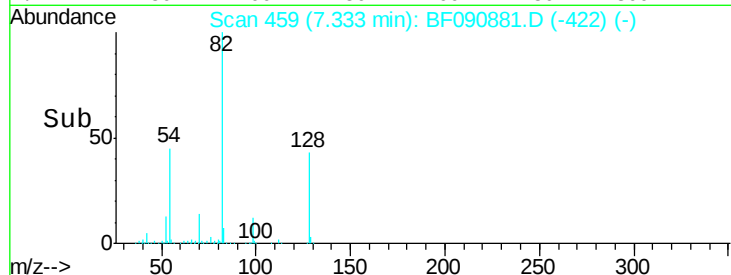
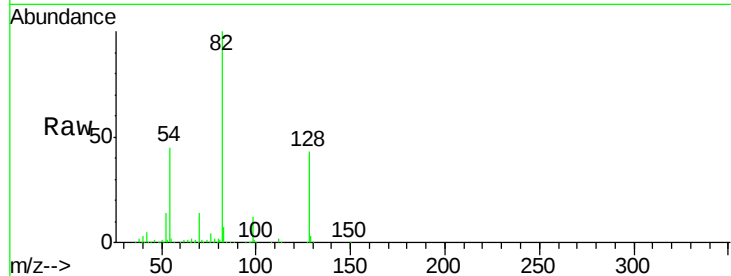
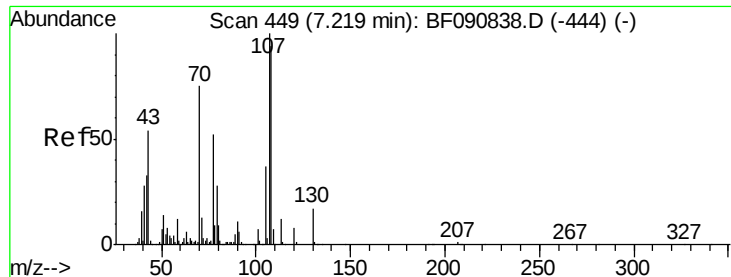
Ion Ratio Lower Upper

94 100

65 58.3 0.7 40.7#

66 184.0 0.8 40.8#

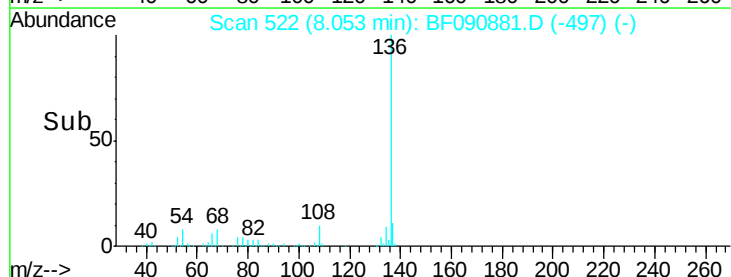
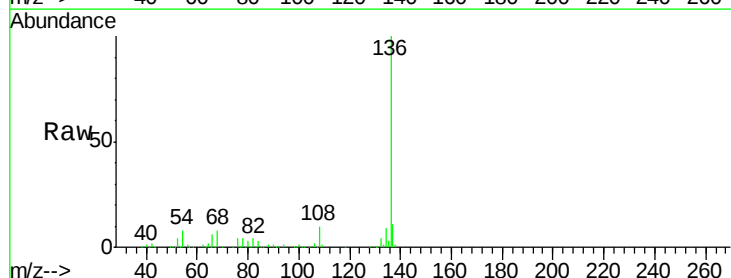
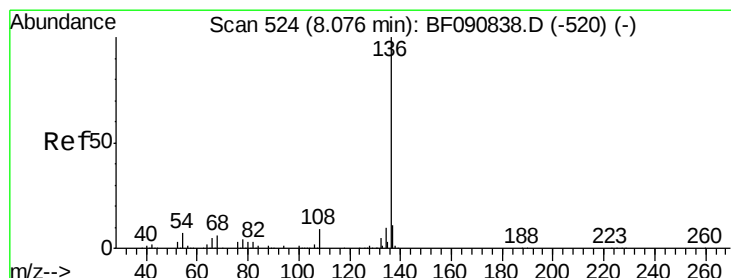
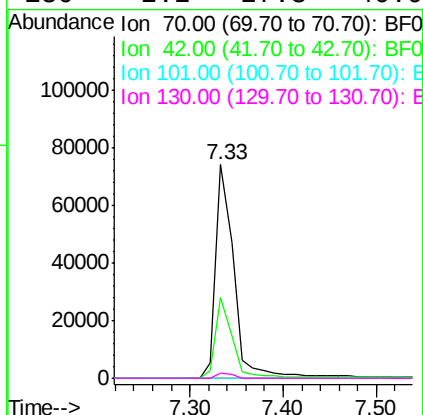




#19
n-Nitroso-di-n-propylamine
Concen: 16.61 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF090881.D
Acq: 27 Oct 2016 21:58

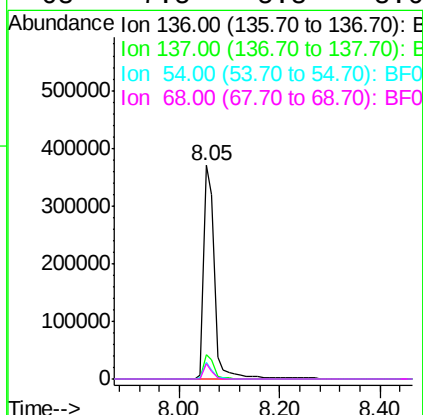
Instrument :
BNA_F
ClientSampleId :
SB-10 COMP(0-16FEET)

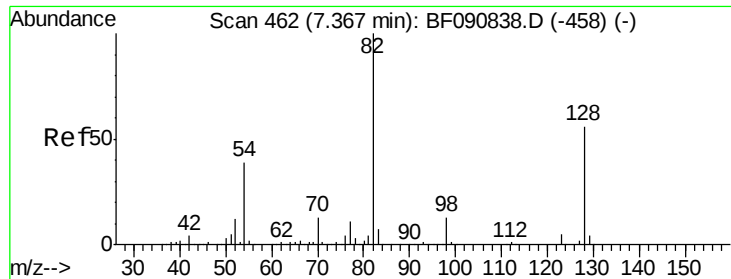
Tgt Ion:	70	Resp:	100520
Ion	Ratio	Lower	Upper
70	100		
42	37.5	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090881.D
Acq: 27 Oct 2016 21:58

Tgt Ion:	136	Resp:	558364
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.0	8.2	12.2#
68	7.5	5.8	8.6

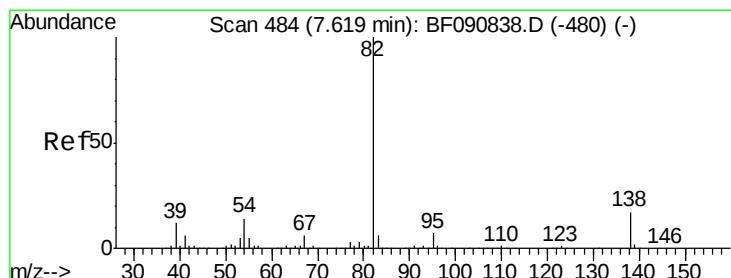
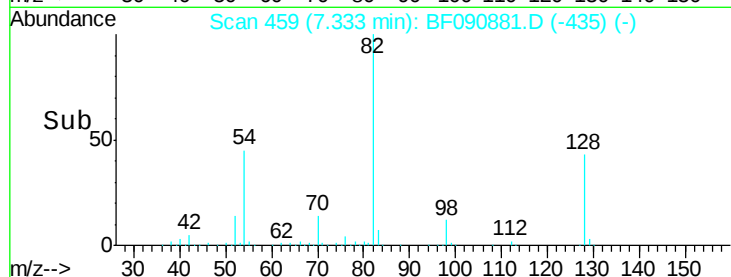
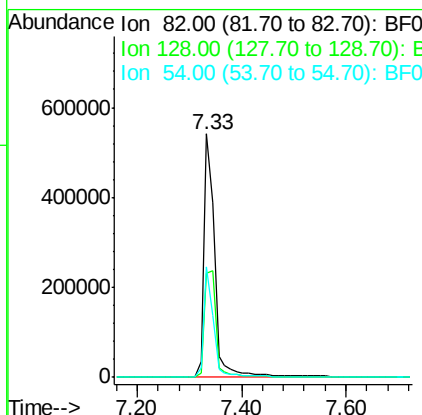
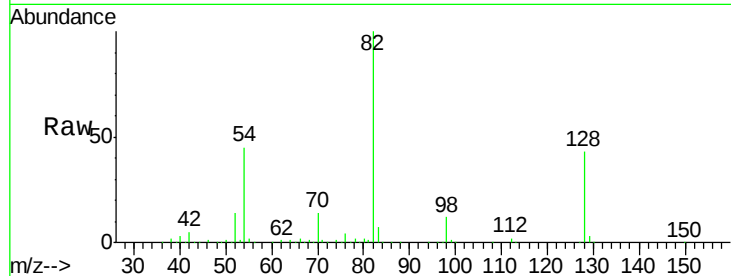




#23
 Nitrobenzene-d5
 Concen: 92.40 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF090881.D
 Acq: 27 Oct 2016 21:58

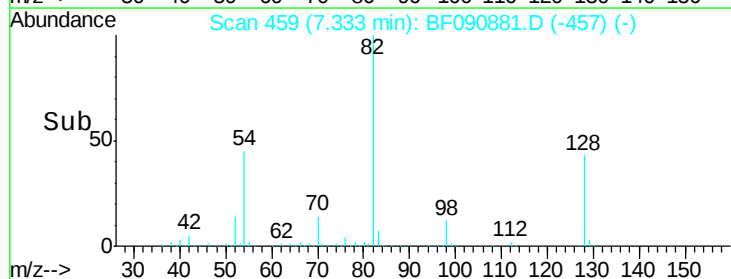
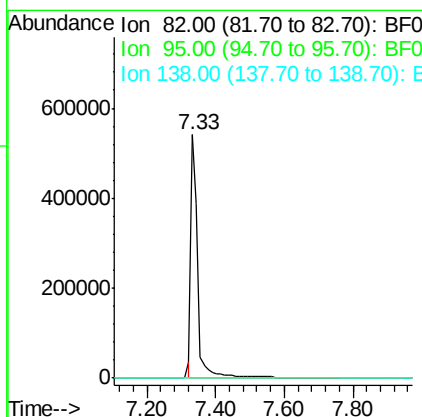
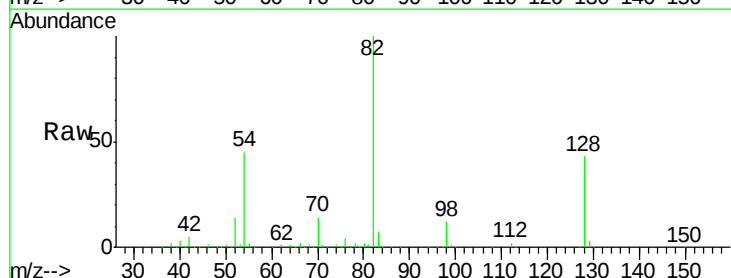
Instrument :
 BNA_F
 ClientSampleId :
 SB-10 COMP(0-16FEET)

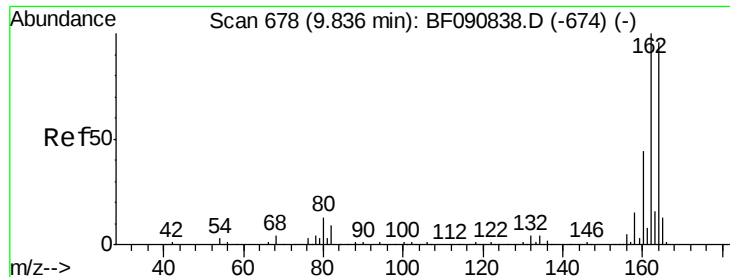
Tgt Ion: 82 Resp: 788111
 Ion Ratio Lower Upper
 82 100
 128 42.6 51.0 76.6#
 54 45.5 47.5 71.3#



#25
 Isophorone
 Concen: 43.26 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.27 min
 Lab File: BF090881.D
 Acq: 27 Oct 2016 21:58

Tgt Ion: 82 Resp: 748726
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF090881.D

Acq: 27 Oct 2016 21:58

Instrument :

BNA_F

ClientSampleId :

SB-10 COMP(0-16FEET)

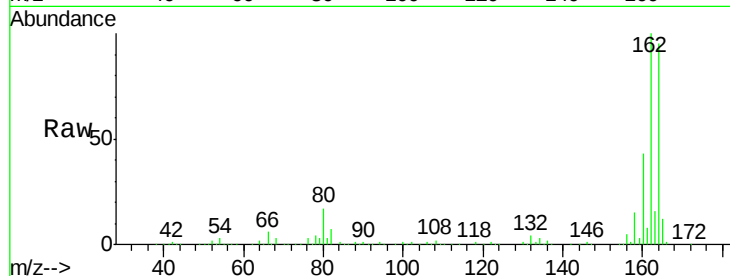
Tgt Ion:164 Resp: 325530

Ion Ratio Lower Upper

164 100

162 104.9 75.2 112.8

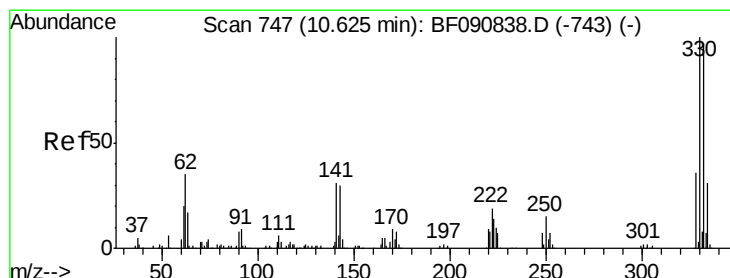
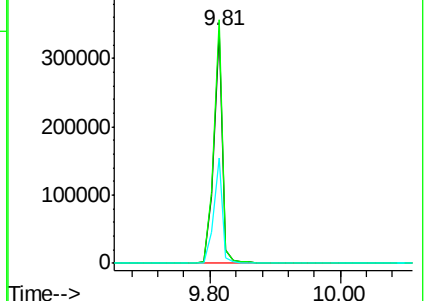
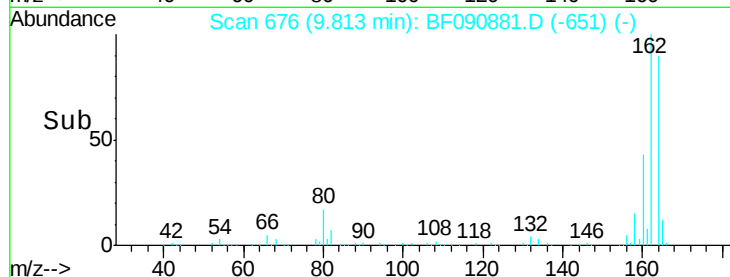
160 45.4 31.5 47.3



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: 118.44 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF090881.D

Acq: 27 Oct 2016 21:58

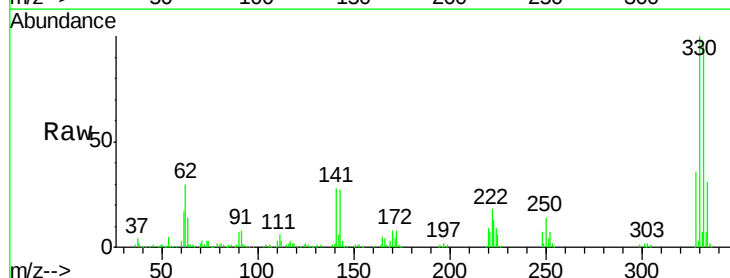
Tgt Ion:330 Resp: 396240

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

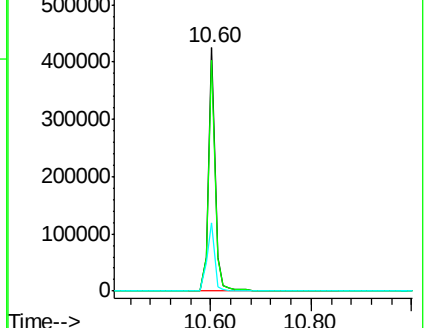
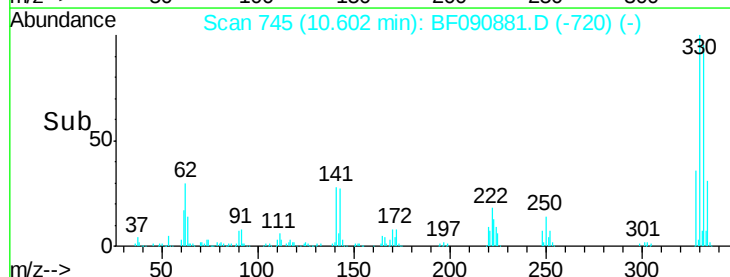
141 32.3 29.7 44.5

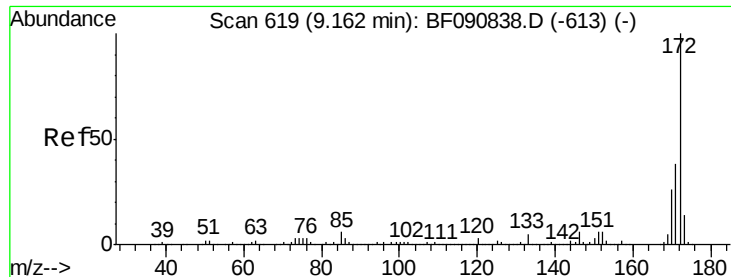


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

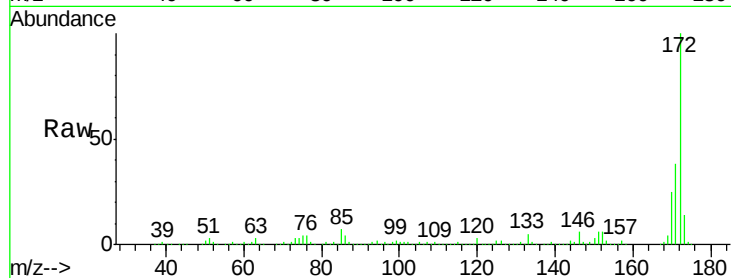




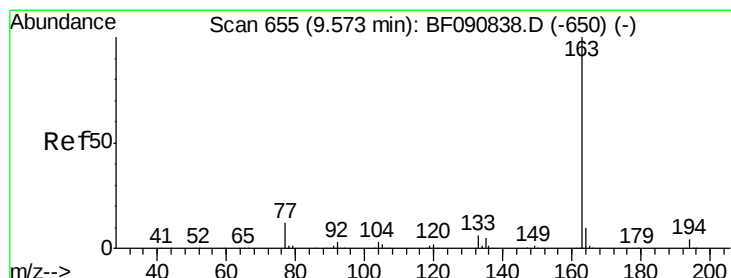
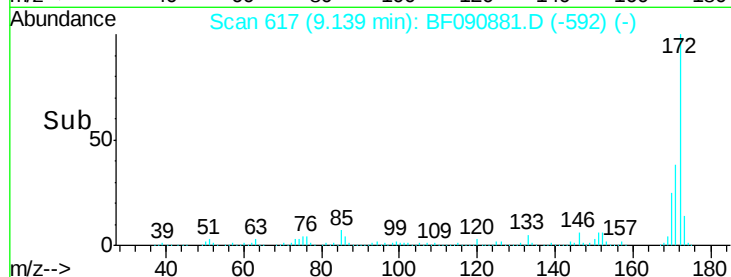
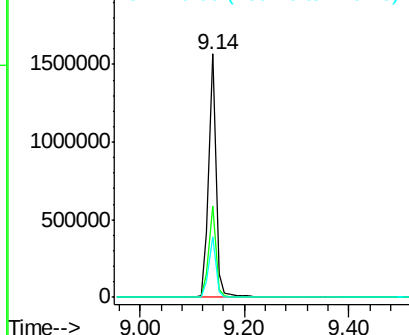
#44
2-Fluorobiphenyl
Concen: 83.47 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF090881.D
Acq: 27 Oct 2016 21:58

Instrument :
BNA_F
ClientSampleId :
SB-10 COMP(0-16FEET)

Tgt Ion:172 Resp: 1547484
Ion Ratio Lower Upper
172 100
171 37.6 26.1 39.1
170 25.1 17.4 26.2

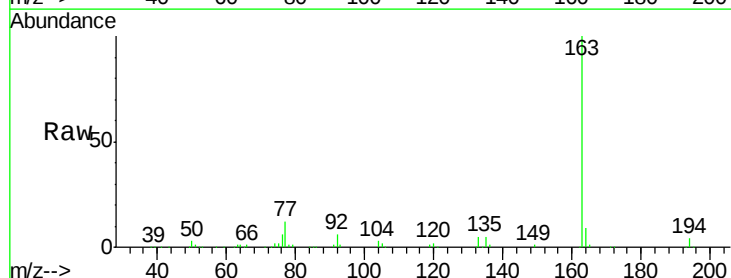


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

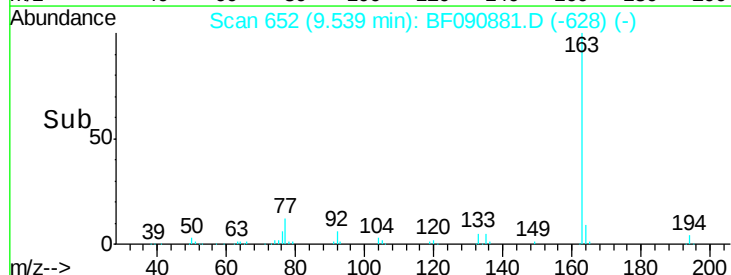
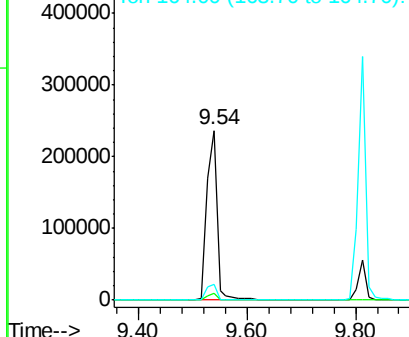


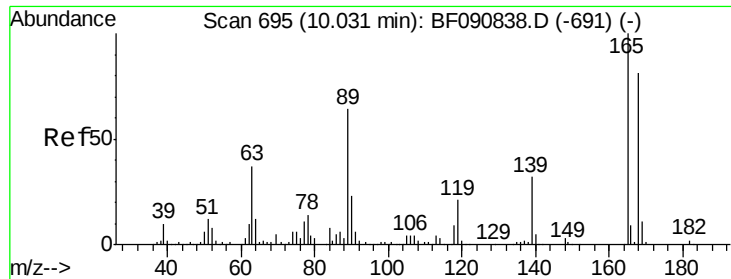
#49
Dimethylphthalate
Concen: 14.16 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF090881.D
Acq: 27 Oct 2016 21:58

Tgt Ion:163 Resp: 307925
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.5 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

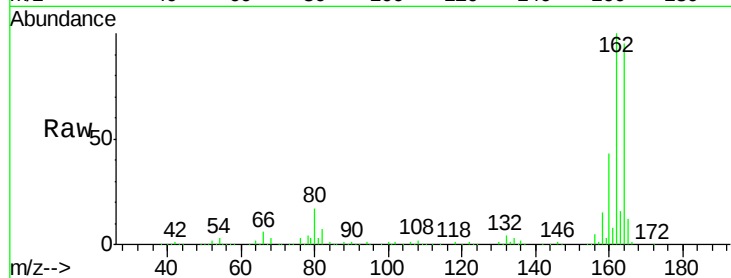




#56
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF090881.D
Acq: 27 Oct 2016 21:58

Instrument :
BNA_F
ClientSampleId :
SB-10 COMP(0-16FEET)

Tgt Ion:	165	Resp:	41503
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

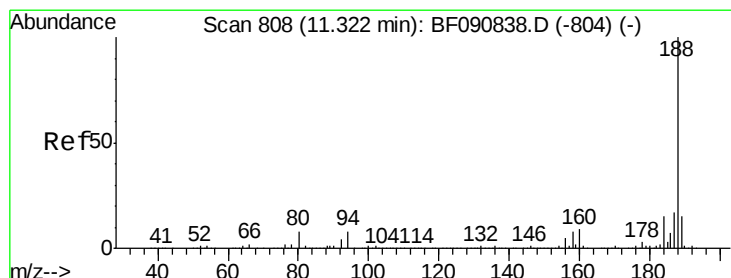
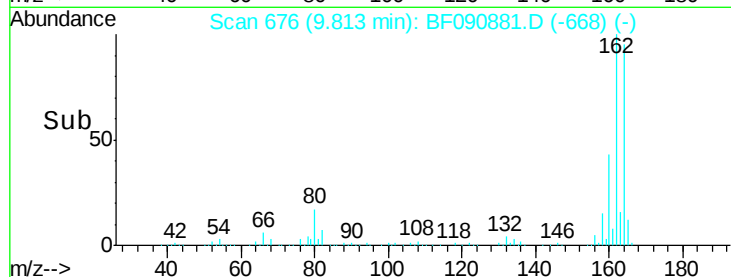
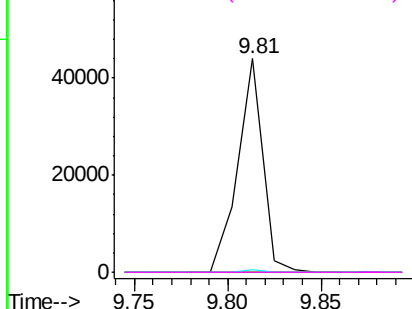


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

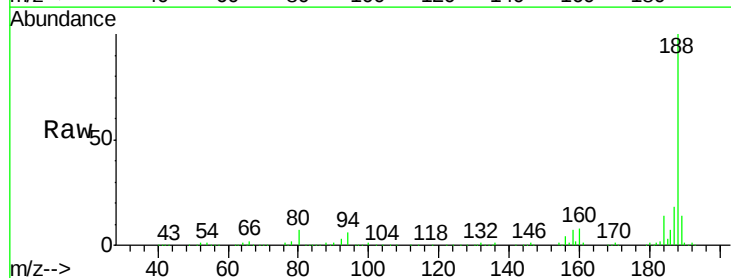
Ion 89.00 (88.70 to 89.70): BF0

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: BF090881.D
Acq: 27 Oct 2016 21:58

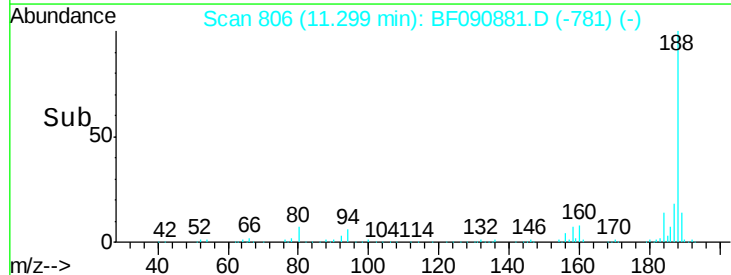
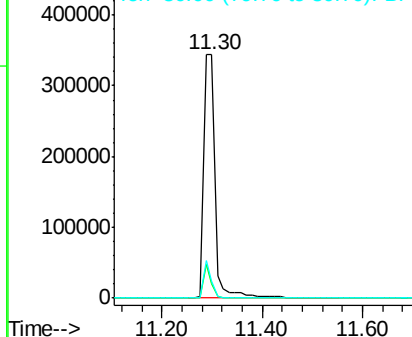
Tgt Ion:	188	Resp:	539695
Ion Ratio	Lower	Upper	
188	100		
94	6.2	11.1	16.7#
80	6.7	11.0	16.4#

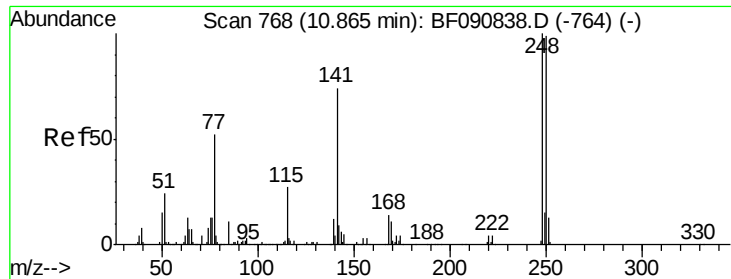


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

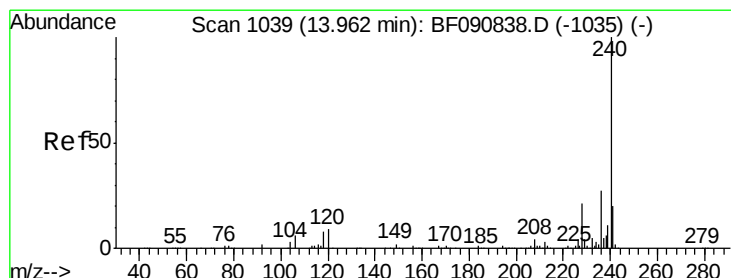
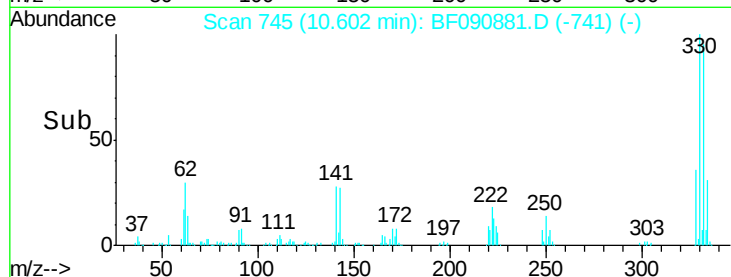
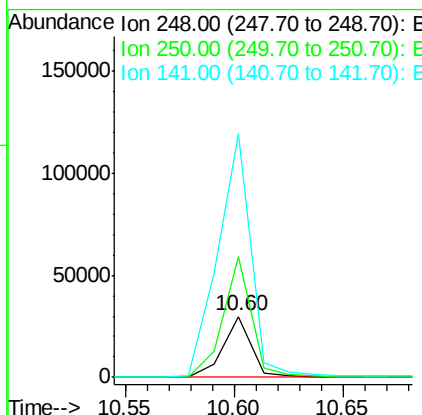
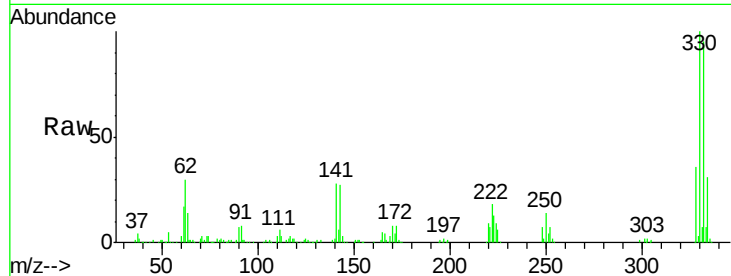




#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF090881.D
Acq: 27 Oct 2016 21:58

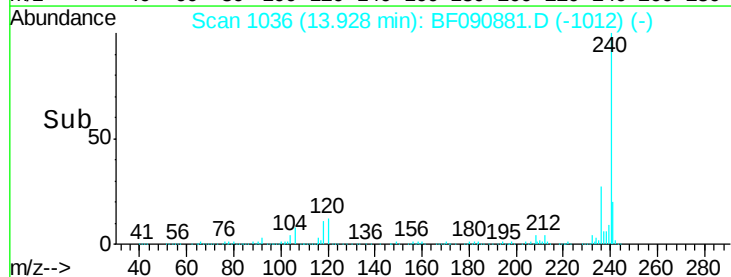
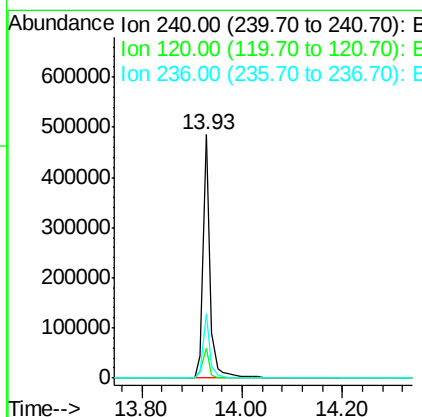
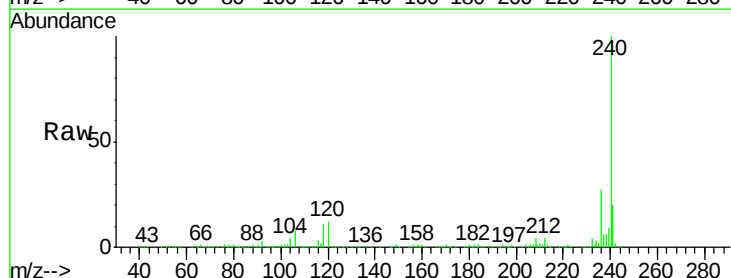
Instrument :
BNA_F
ClientSampleId :
SB-10 COMP(0-16FEET)

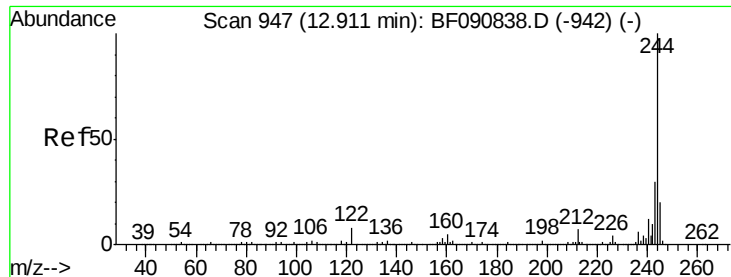
Tgt Ion:248 Resp: 26529
Ion Ratio Lower Upper
248 100
250 198.0 78.5 117.7#
141 401.2 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090881.D
Acq: 27 Oct 2016 21:58

Tgt Ion:240 Resp: 476082
Ion Ratio Lower Upper
240 100
120 12.1 16.2 24.2#
236 26.7 18.4 27.6

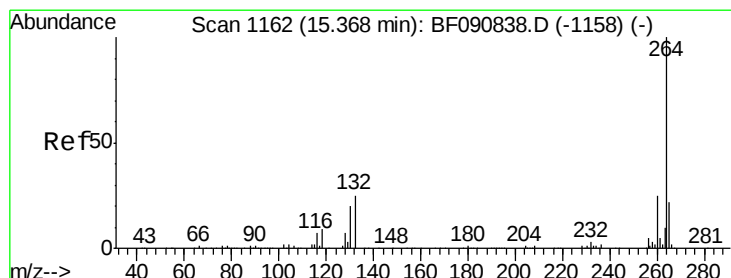
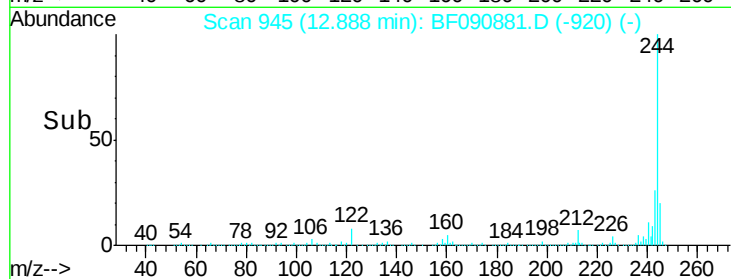
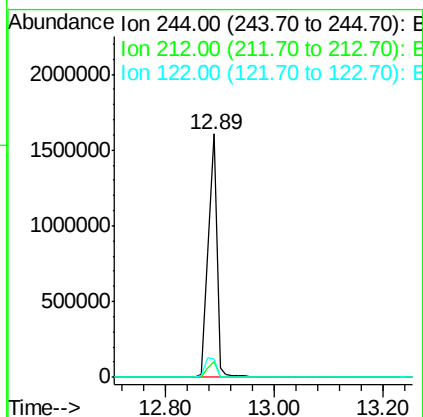
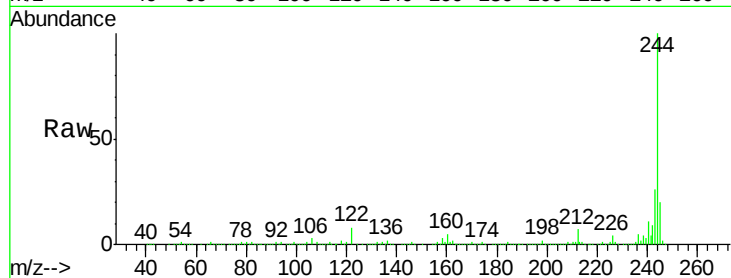




#78
 Terphenyl-d14
 Concen: 94.62 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF090881.D
 Acq: 27 Oct 2016 21:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-10 COMP(0-16FEET)

Tgt Ion:244 Resp: 1787923
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.3 6.5#
 122 7.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF090881.D
 Acq: 27 Oct 2016 21:58

Tgt Ion:264 Resp: 343724
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.6 17.2 25.8

