

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090931.D
 Acq On : 31 Oct 2016 16:38
 Operator : UM/SJ
 Sample : H5463-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(6-8)

Quant Time: Nov 01 13:08:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

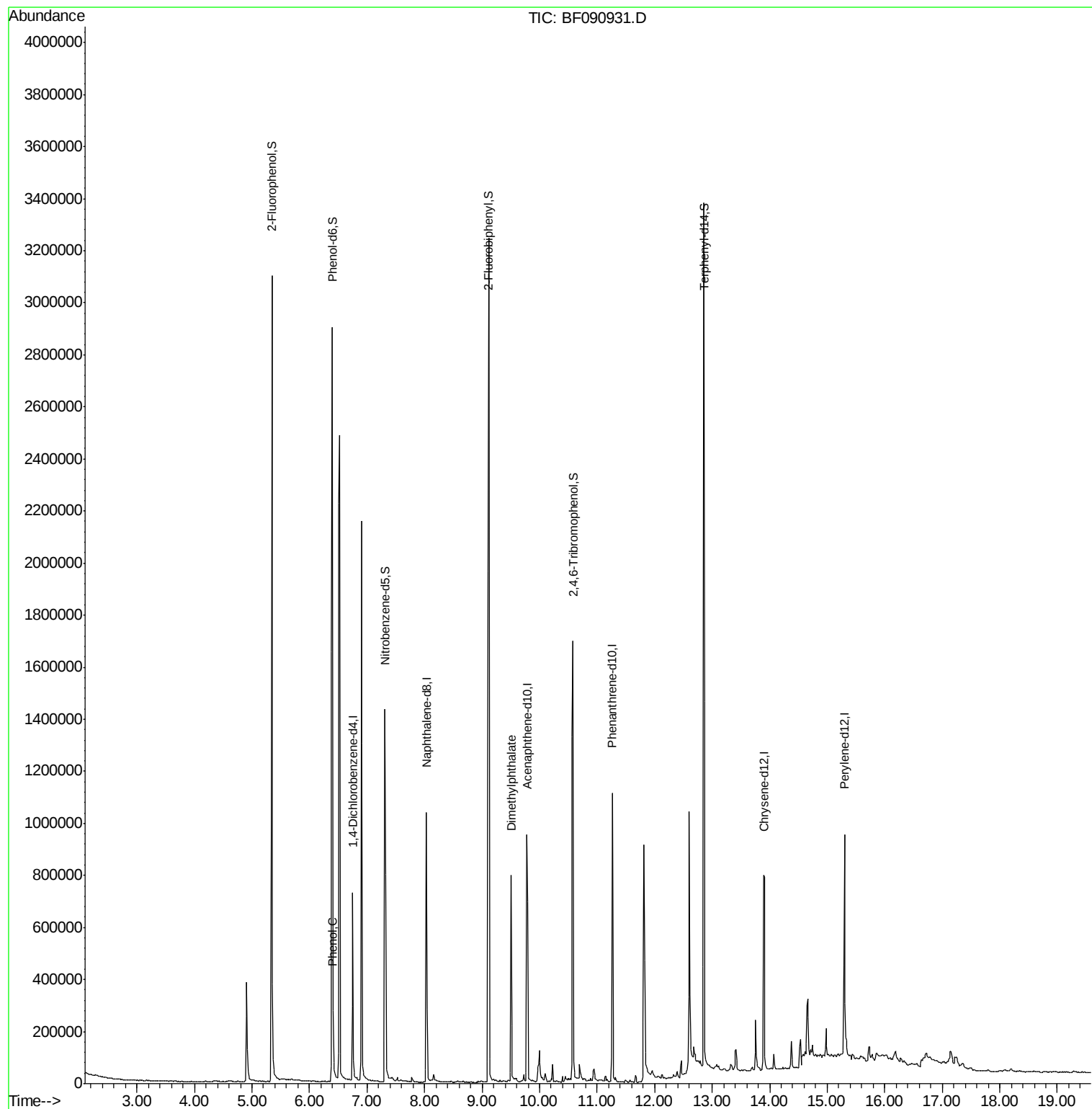
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	134830	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	519032	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	278850	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	426200	20.00	ng	0.00
75) Chrysene-d12	13.91	240	436955	20.00	ng	0.00
86) Perylene-d12	15.30	264	369117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	978179	126.85	ng	0.01
7) Phenol-d6	6.40	99	1343169	129.10	ng	0.00
23) Nitrobenzene-d5	7.31	82	670277	84.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	370592	129.32	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1352967	85.20	ng	0.00
78) Terphenyl-d14	12.85	244	1334691	76.96	ng	0.00
Target Compounds						
10) Phenol	6.41	94	45063	3.93	ng	Qvalue 80
49) Dimethylphthalate	9.50	163	322871	17.33	ng	# 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SB-1(6-8)

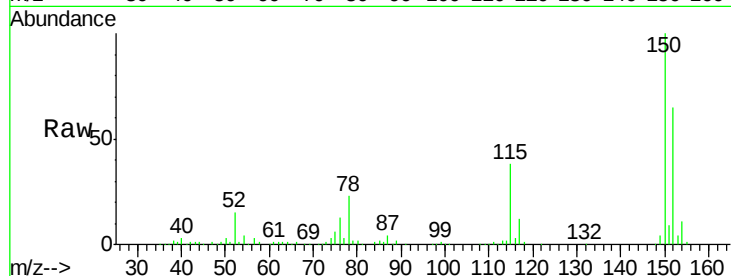
Tgt Ion:152 Resp: 134830

Ion Ratio Lower Upper

152 100

150 153.7 124.7 187.1

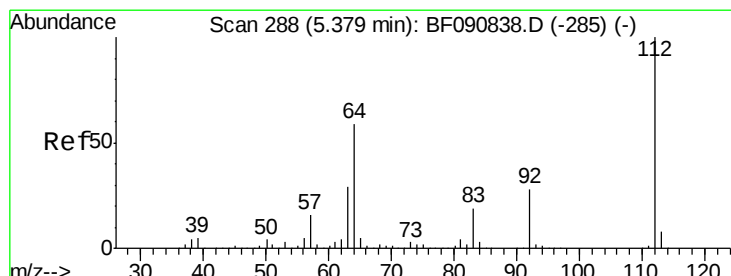
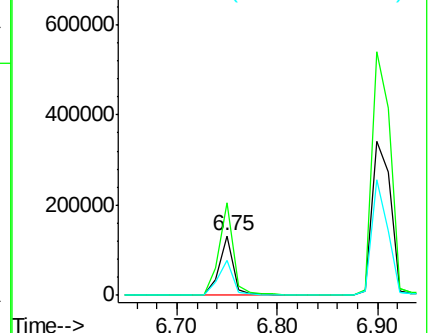
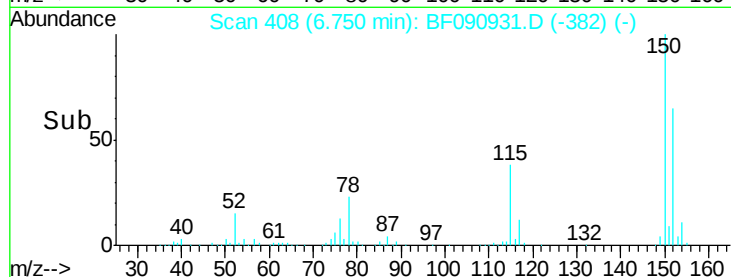
115 57.6 39.0 58.4



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: 126.85 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

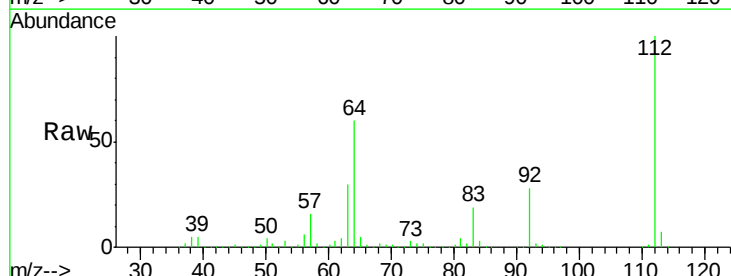
Tgt Ion:112 Resp: 978179

Ion Ratio Lower Upper

112 100

64 59.6 39.7 59.5#

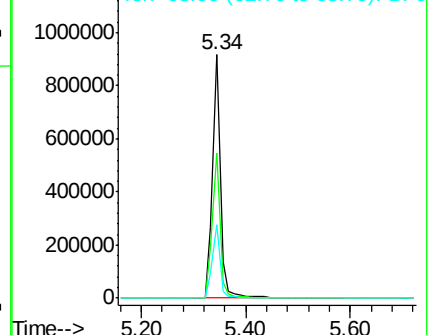
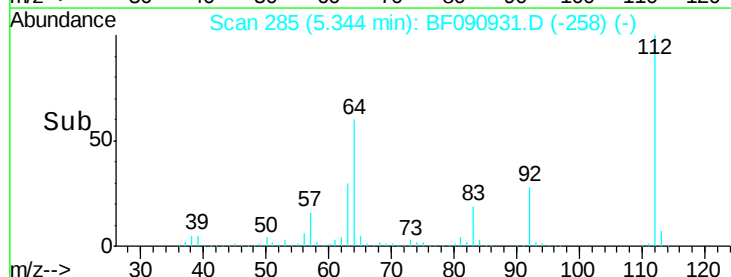
63 29.9 17.4 26.0#



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: 129.10 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampled :

SB-1(6-8)

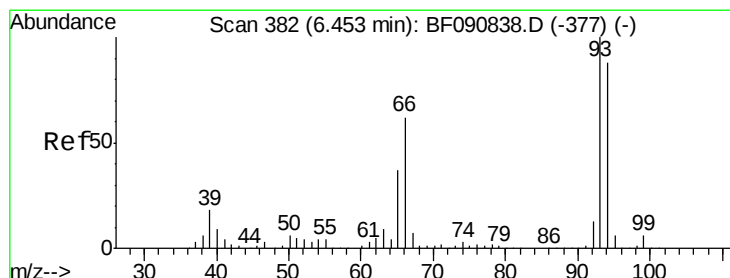
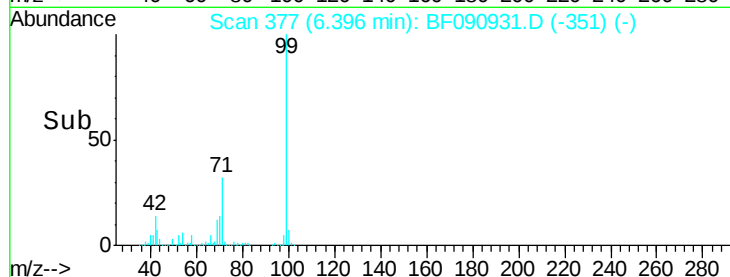
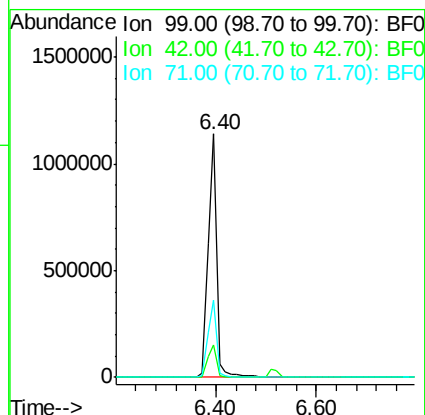
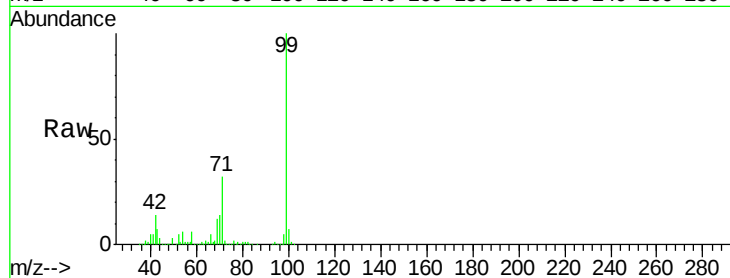
Tgt Ion: 99 Resp: 1343169

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

71 31.9 14.2 21.2#



#10

Phenol

Concen: 3.93 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

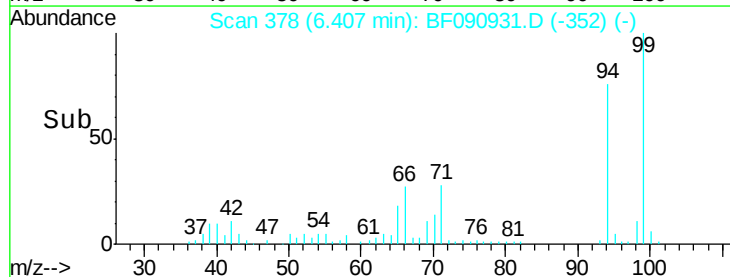
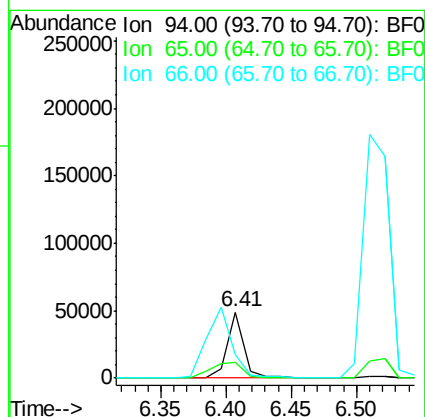
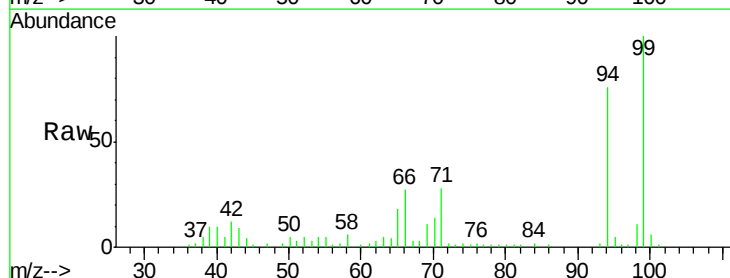
Tgt Ion: 94 Resp: 45063

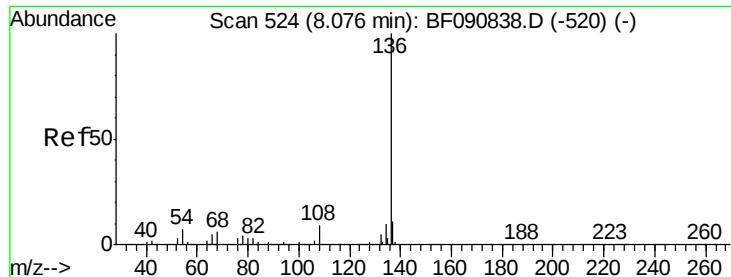
Ion Ratio Lower Upper

94 100

65 24.3 0.7 40.7

66 35.9 0.8 40.8

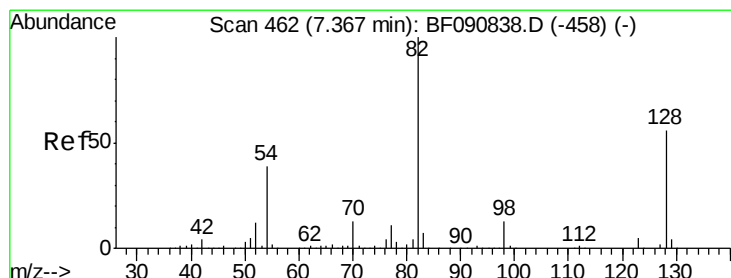
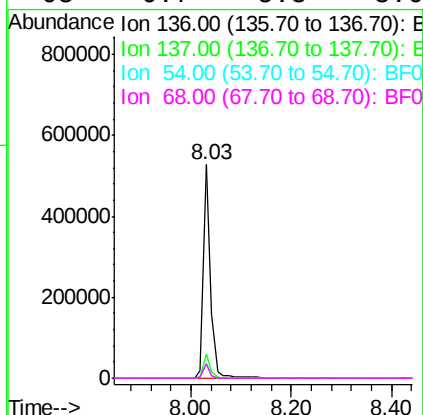
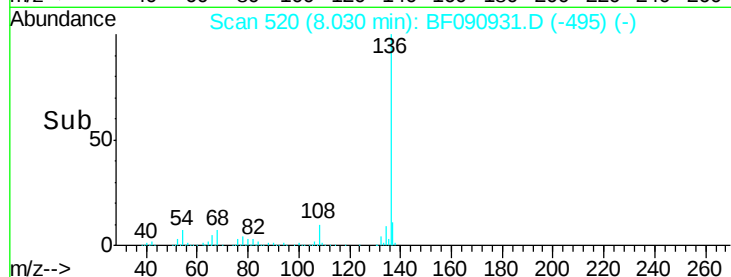
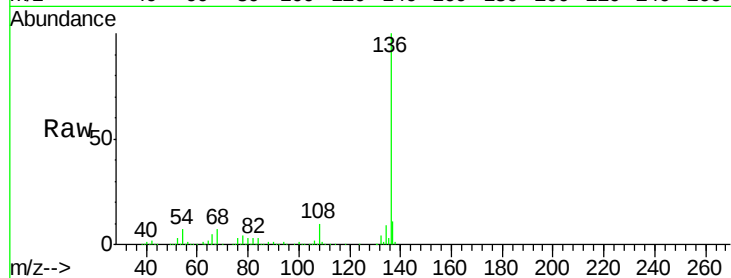




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

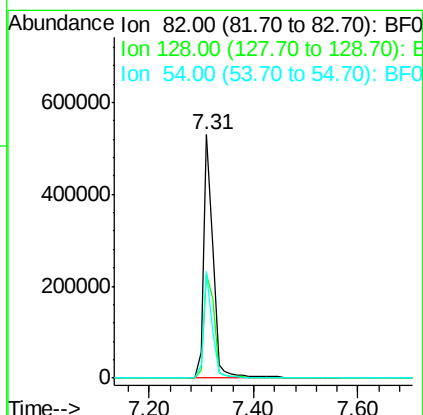
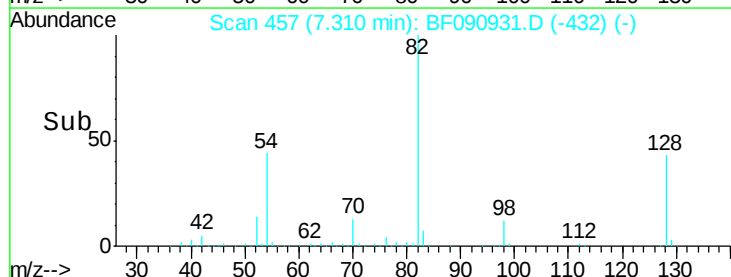
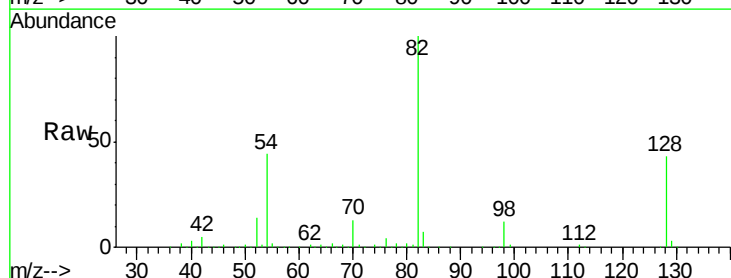
Instrument :
BNA_F
ClientSampleId :
SB-1(6-8)

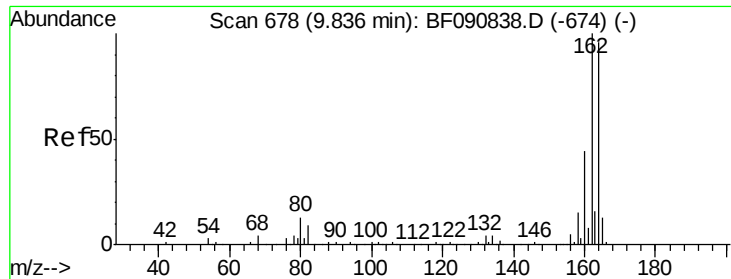
Tgt Ion:	136	Resp:	519032
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	7.1	8.2	12.2#
68	6.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 84.54 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

Tgt Ion:	82	Resp:	670277
Ion Ratio	Lower	Upper	
82	100		
128	42.7	51.0	76.6#
54	44.0	47.5	71.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SB-1(6-8)

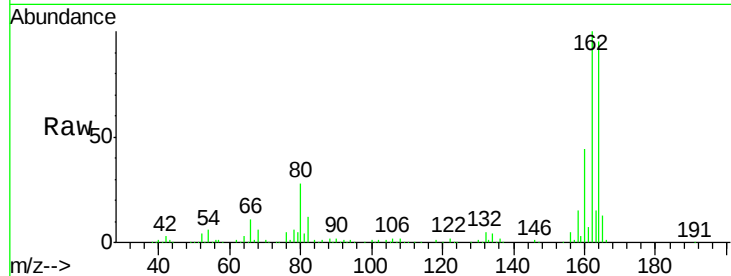
Tgt Ion:164 Resp: 278850

Ion Ratio Lower Upper

164 100

162 104.7 75.2 112.8

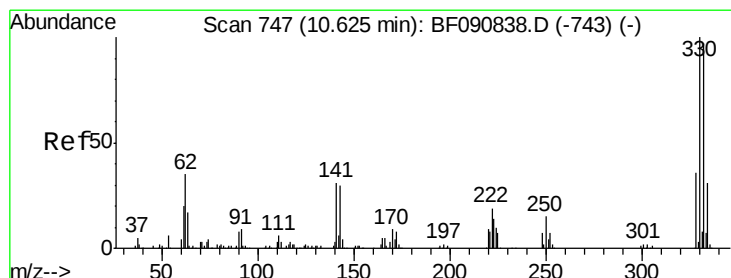
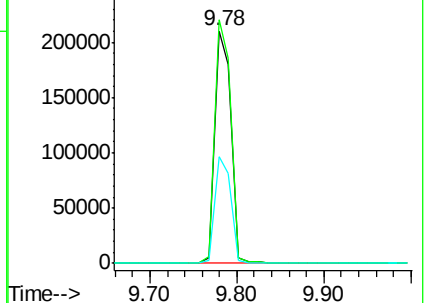
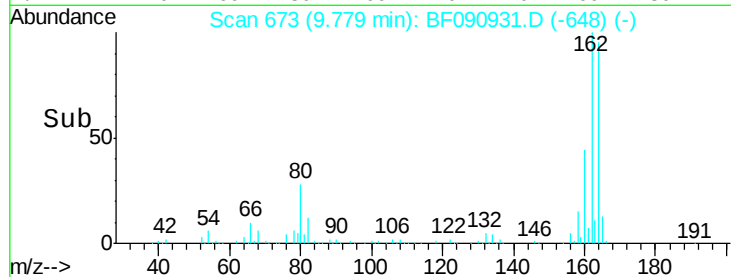
160 45.6 31.5 47.3



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: 129.32 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

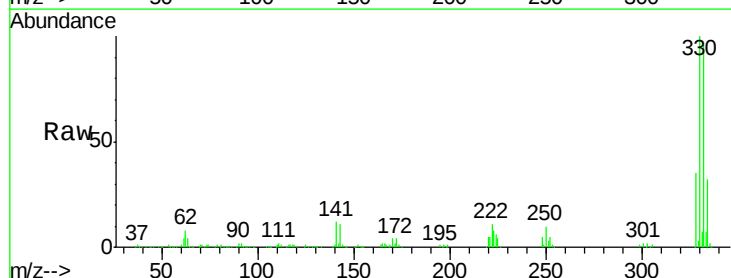
Tgt Ion:330 Resp: 370592

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

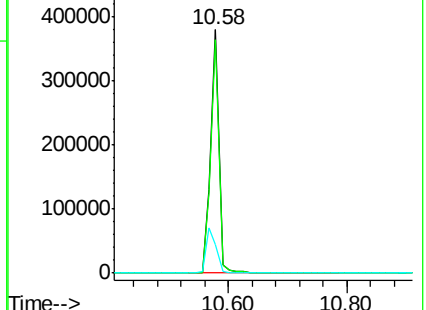
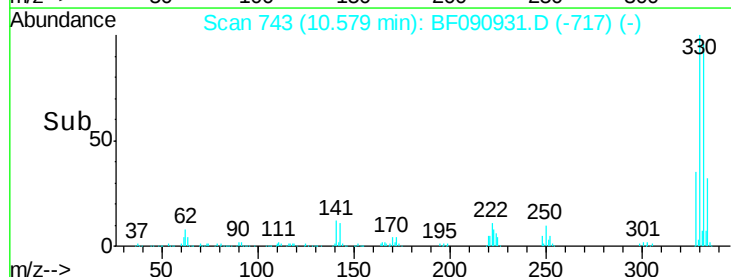
141 23.1 29.7 44.5#

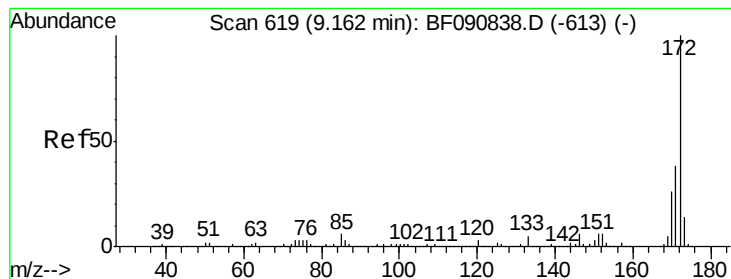


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

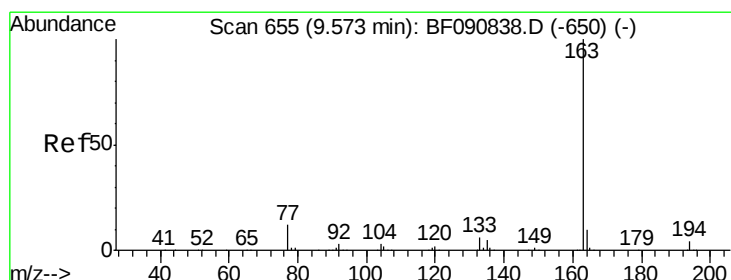
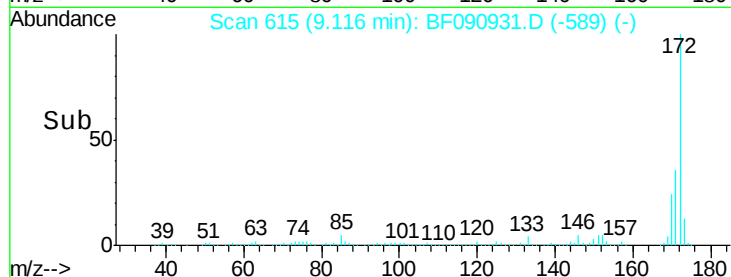
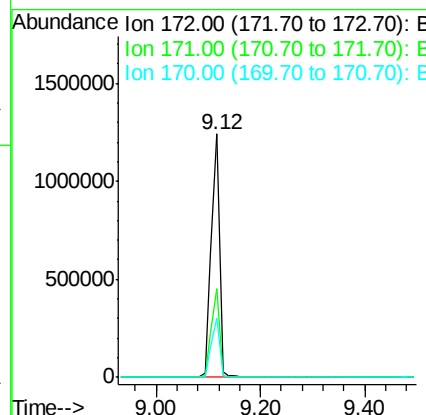
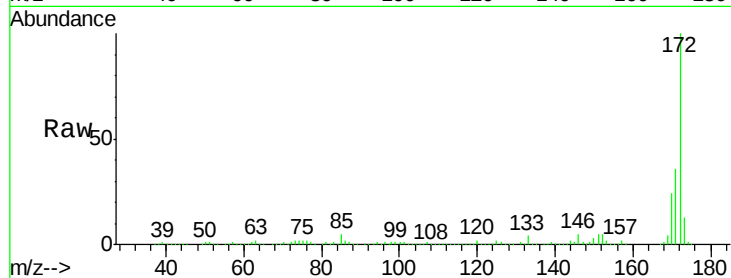




#44
2-Fluorobiphenyl
Concen: 85.20 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

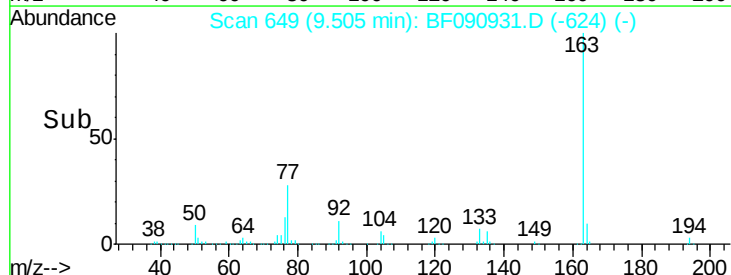
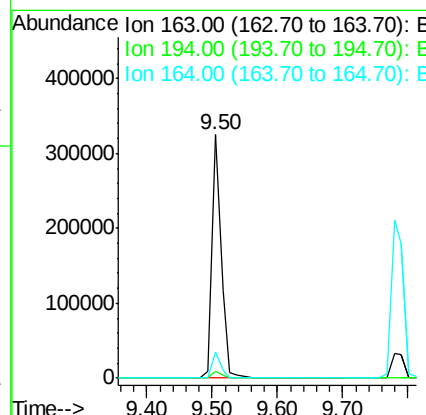
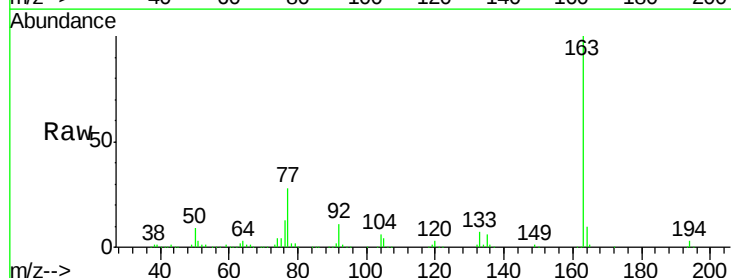
Instrument :
BNA_F
ClientSampleId :
SB-1(6-8)

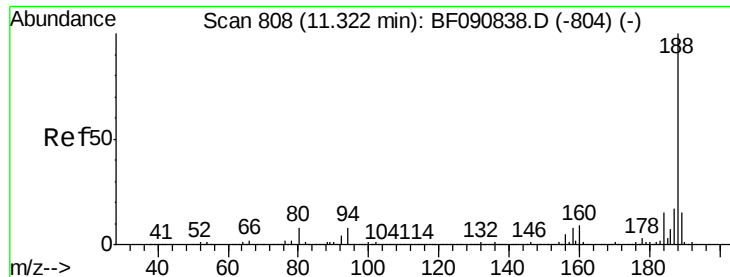
Tgt Ion:172 Resp: 1352967
Ion Ratio Lower Upper
172 100
171 36.5 26.1 39.1
170 24.4 17.4 26.2



#49
Dimethylphthalate
Concen: 17.33 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

Tgt Ion:163 Resp: 322871
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.5 8.3 12.5

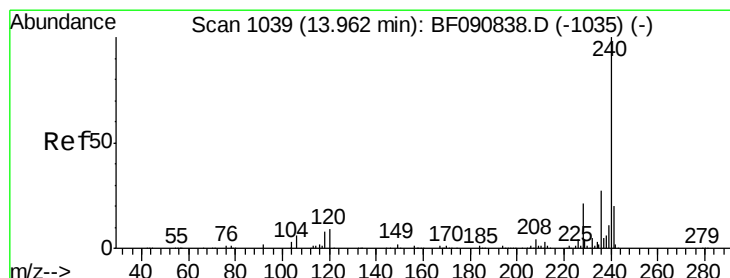
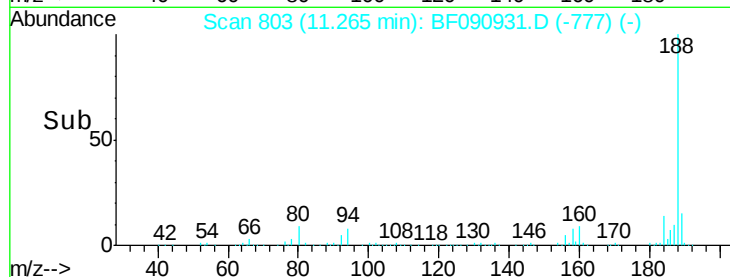
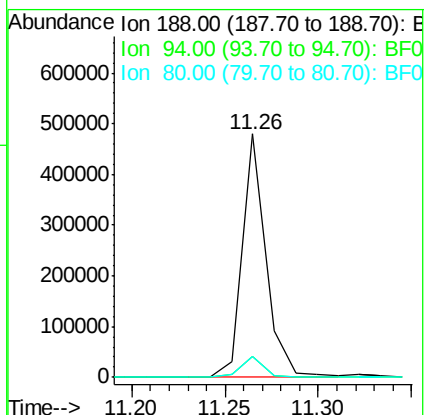
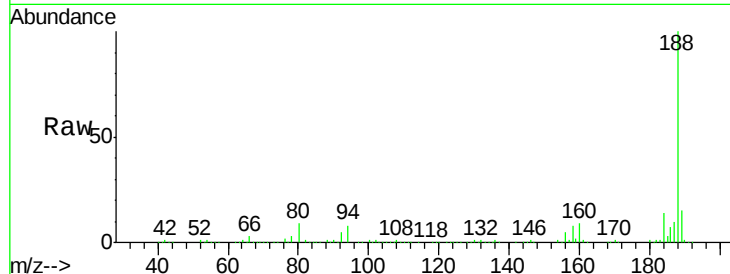




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

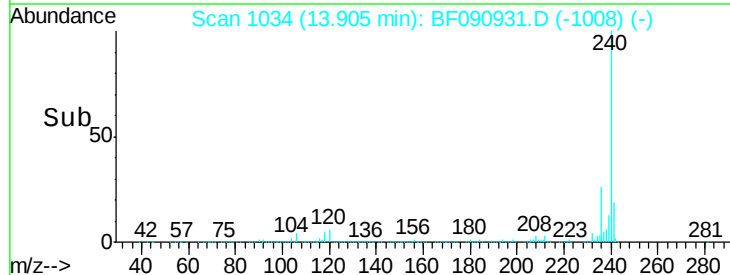
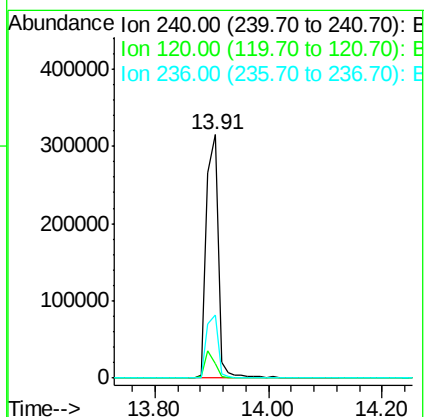
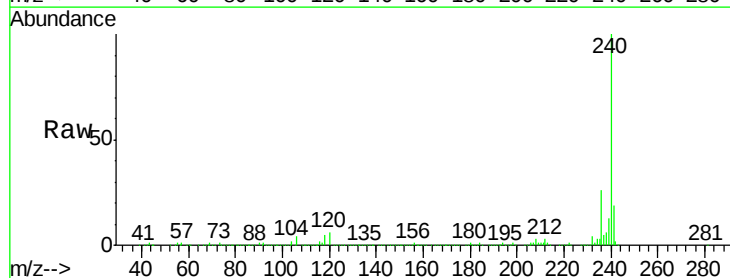
Instrument :
BNA_F
ClientSampleId :
SB-1(6-8)

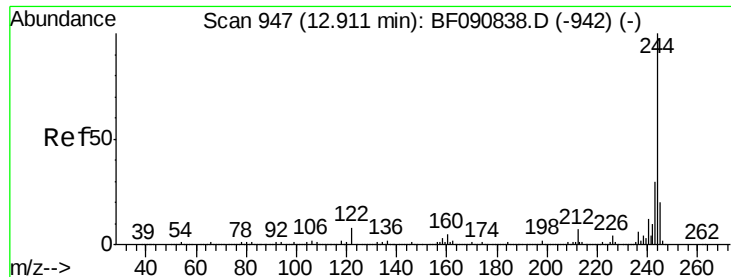
Tgt Ion:188 Resp: 426200
Ion Ratio Lower Upper
188 100
94 8.3 11.1 16.7#
80 8.7 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF090931.D
Acq: 31 Oct 2016 16:38

Tgt Ion:240 Resp: 436955
Ion Ratio Lower Upper
240 100
120 6.1 16.2 24.2#
236 25.8 18.4 27.6





#78

Terphenyl-d14

Concen: 76.96 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SB-1(6-8)

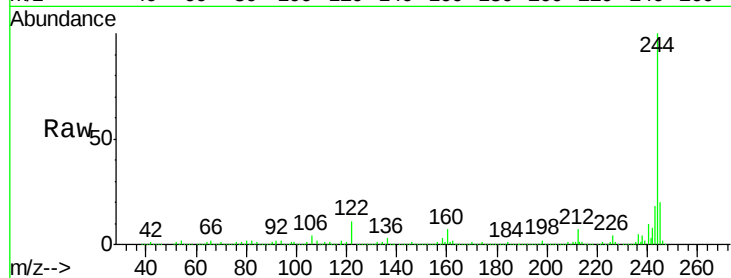
Tgt Ion:244 Resp: 1334691

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

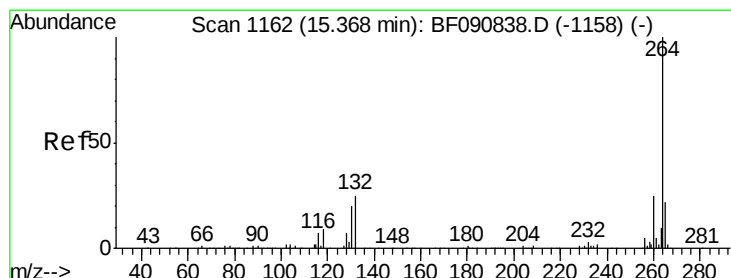
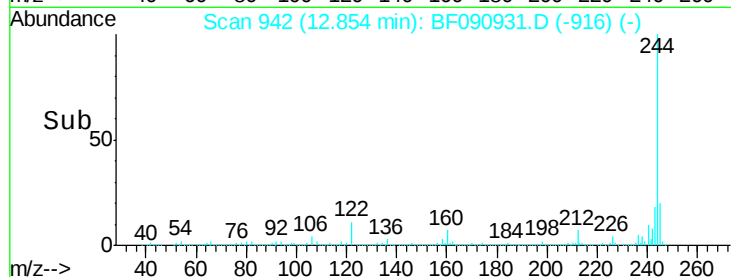
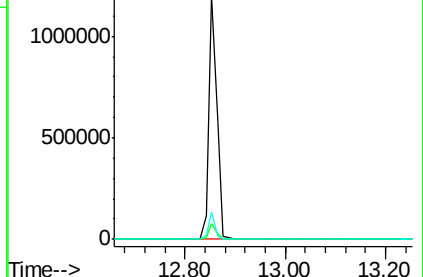
122 11.3 17.4 26.2#



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: 15.30 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF090931.D

Acq: 31 Oct 2016 16:38

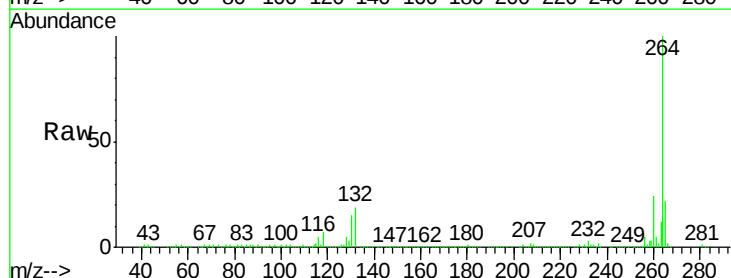
Tgt Ion:264 Resp: 369117

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

265 21.5 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

