

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090362.D
 Acq On : 5 Oct 2016 00:34
 Operator : UM/SJ
 Sample : H5025-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Quant Time: Oct 05 01:17:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	208188	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	757965	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	361141	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	648527	20.00	ng	0.00
75) Chrysene-d12	14.20	240	640504	20.00	ng	0.00
86) Perylene-d12	15.71	264	491406	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	1478558	112.02	ng	0.00
7) Phenol-d6	6.63	99	1871111	113.41	ng	0.00
23) Nitrobenzene-d5	7.57	82	1152493	88.63	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	405382	129.24	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1778570	80.30	ng	0.00
78) Terphenyl-d14	13.14	244	1709063	62.12	ng	0.00

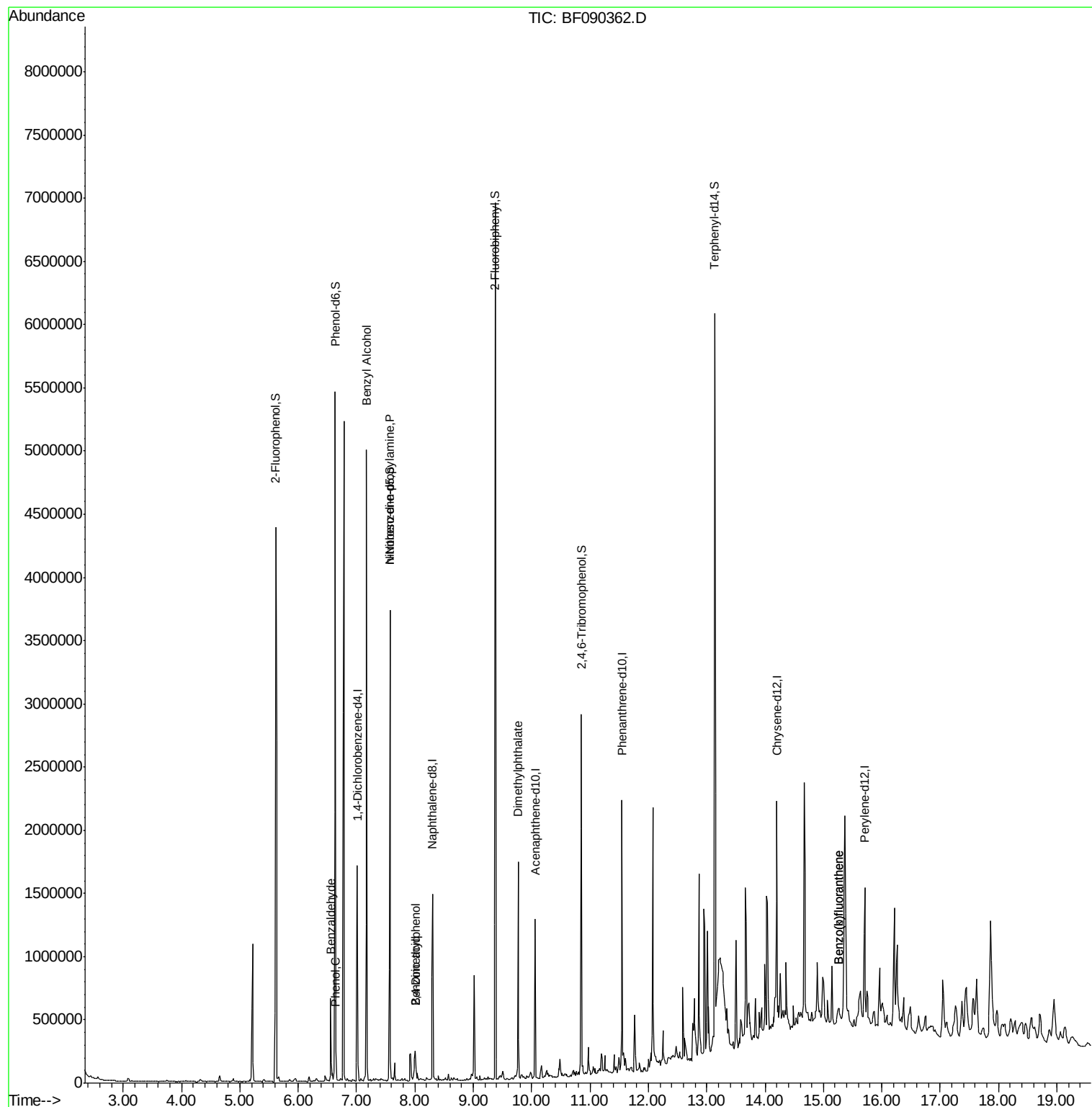
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.55	77	133440	17.42	ng	91
10) Phenol	6.65	94	41683	2.08	ng	89
15) Benzyl Alcohol	7.17	79	28879	2.48	ng	# 46
19) n-Nitroso-di-n-propylamine	7.57	70	161601	15.34	ng	# 66
27) 2,4-Dimethylphenol	8.01	122	72430	5.99	ng	# 6
32) Benzoic acid	8.01	122	74656	13.81	ng	93
49) Dimethylphthalate	9.77	163	581338	27.19	ng	98
87) Benzo(b)fluoranthene	15.26	252	61543	2.18	ng	# 83
88) Benzo(k)fluoranthene	15.26	252	61693	2.29	ng	# 87

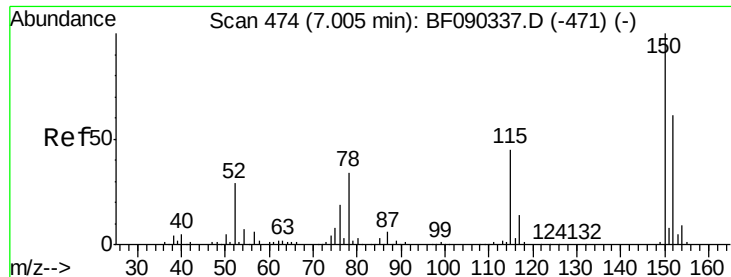
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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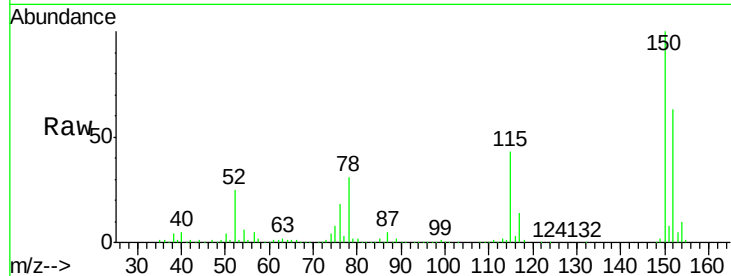


#1

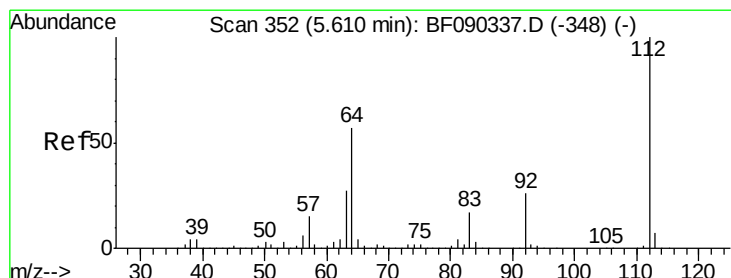
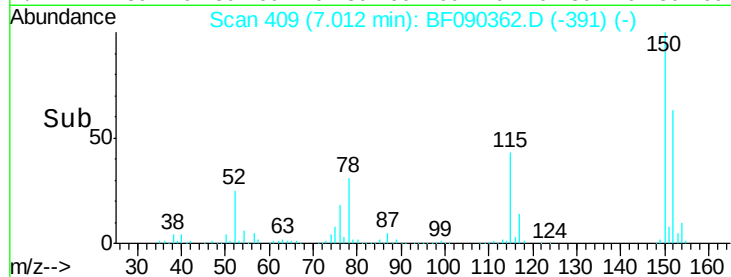
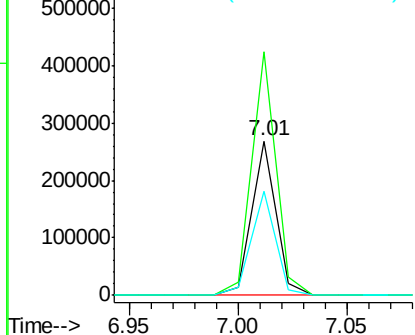
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

Instrument :
BNA_F
ClientSampleId :
PA-1

Tgt Ion:152 Resp: 208188
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 67.0 46.2 69.4



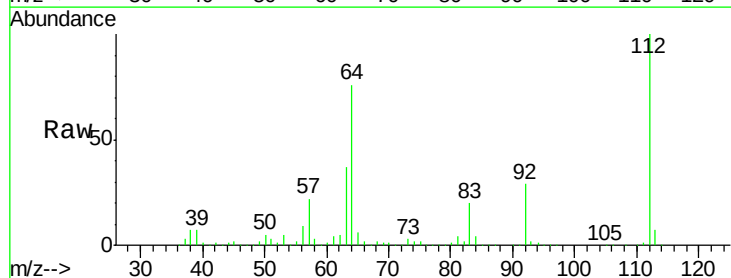
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



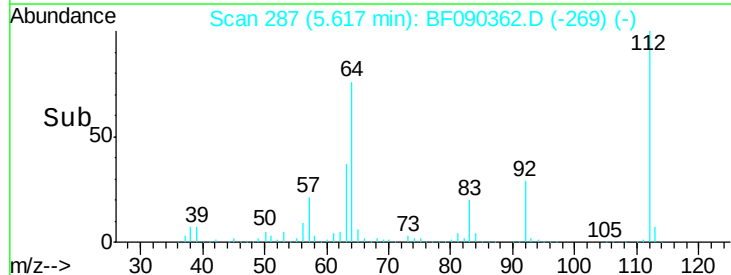
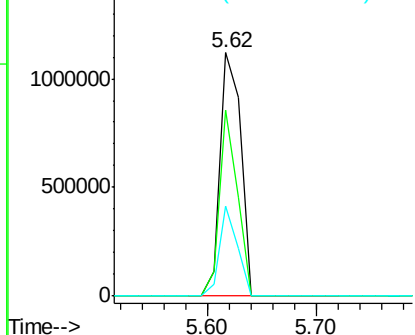
#5

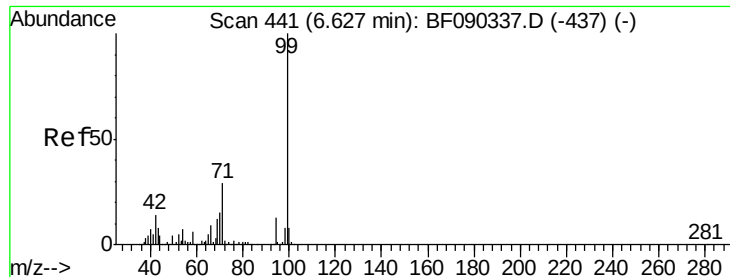
2-Fluorophenol
Concen: 112.02 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

Tgt Ion:112 Resp: 1478558
Ion Ratio Lower Upper
112 100
64 76.5 57.9 86.9
63 37.0 29.6 44.4



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: 113.41 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1

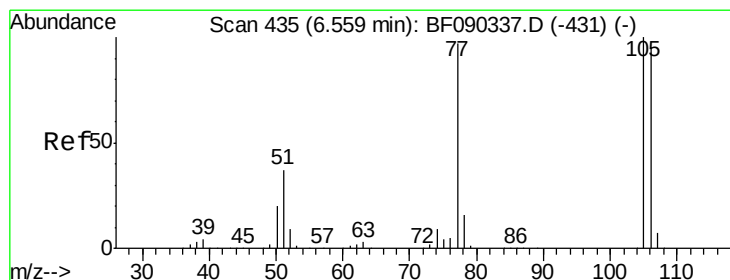
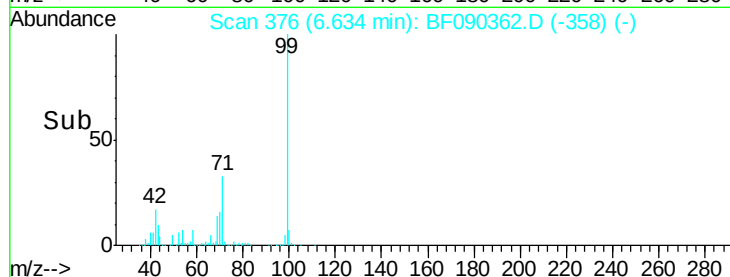
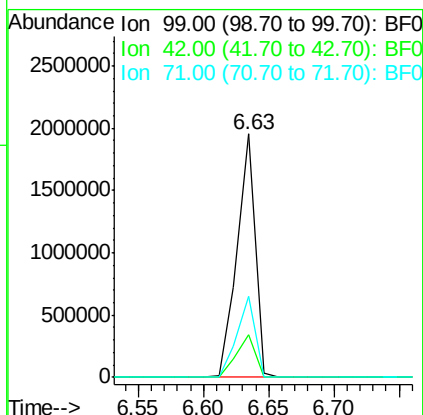
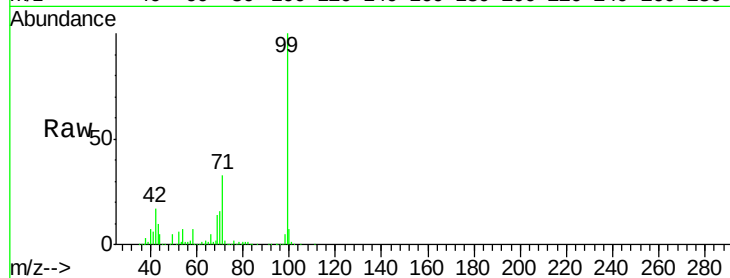
Tgt Ion: 99 Resp: 1871111

Ion Ratio Lower Upper

99 100

42 17.3 20.0 30.0#

71 33.4 27.9 41.9



#9

Benzaldehyde

Concen: 17.42 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

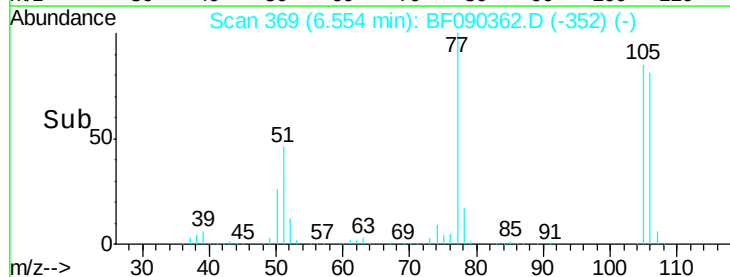
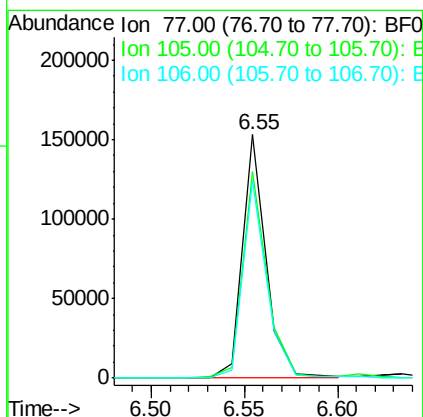
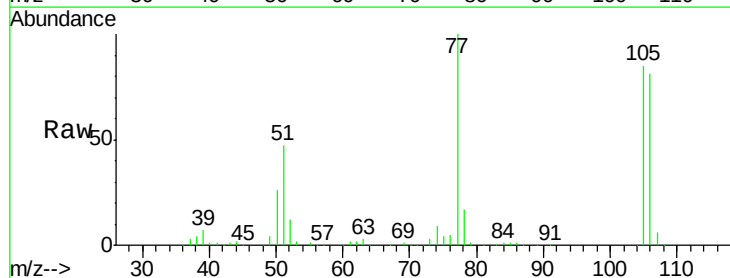
Tgt Ion: 77 Resp: 133440

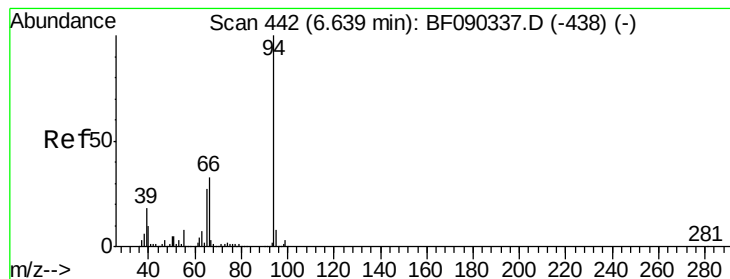
Ion Ratio Lower Upper

77 100

105 84.7 73.1 113.1

106 81.1 70.2 110.2





#10

Phenol

Concen: 2.08 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1

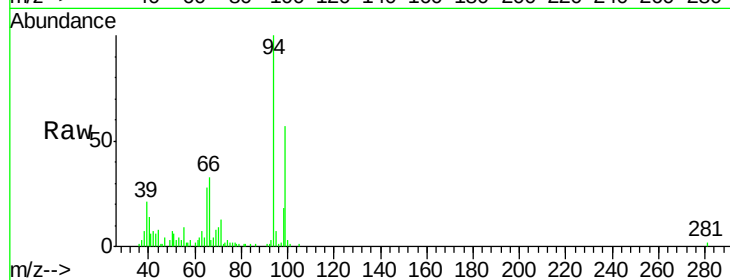
Tgt Ion: 94 Resp: 41683

Ion Ratio Lower Upper

94 100

65 27.9 13.3 53.3

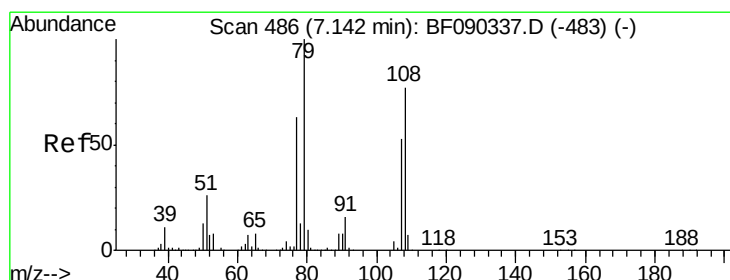
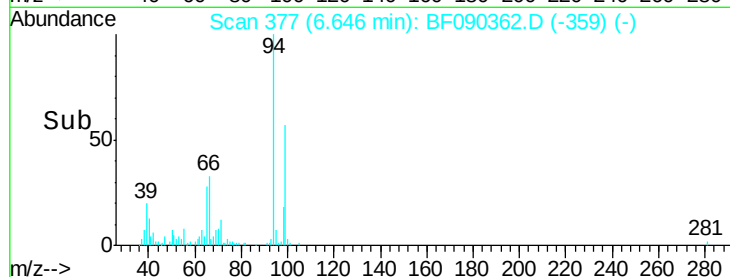
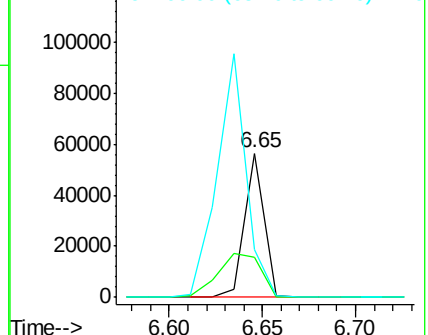
66 32.8 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.48 ng

RT: 7.17 min Scan# 423

Delta R.T. 0.03 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

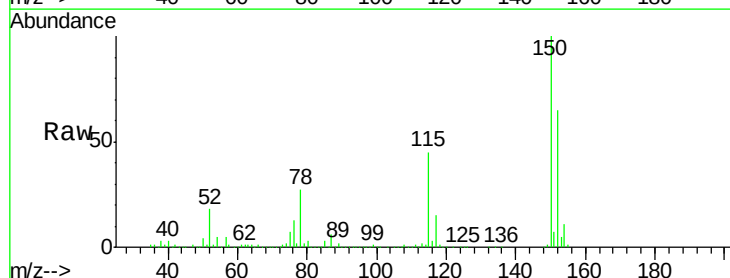
Tgt Ion: 79 Resp: 28879

Ion Ratio Lower Upper

79 100

108 29.1 60.9 91.3#

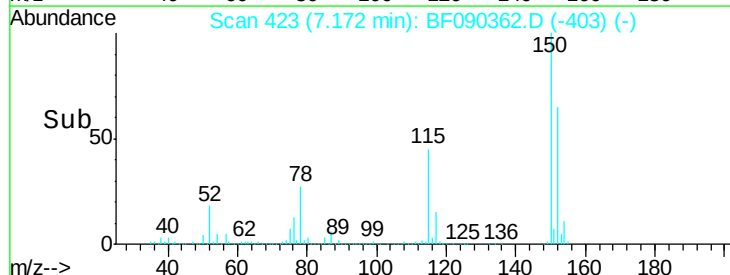
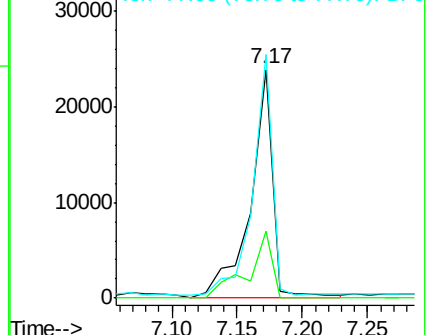
77 106.4 51.5 77.3#

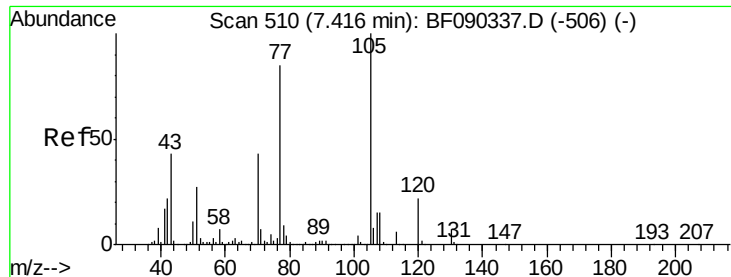


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

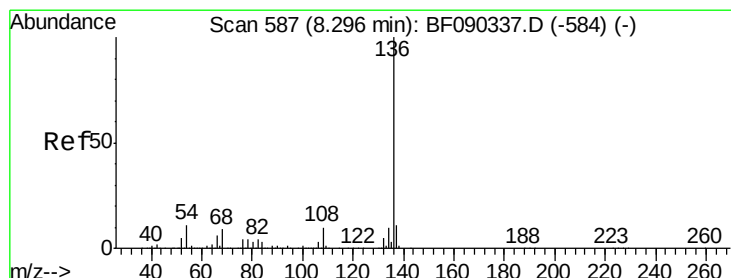
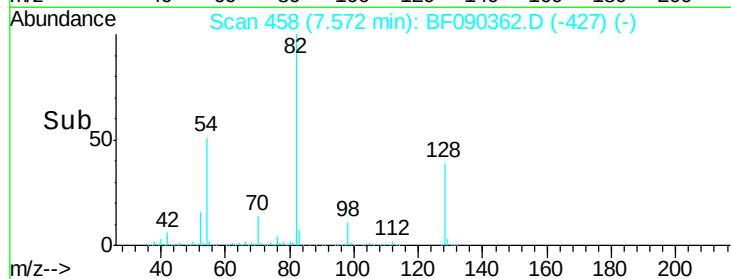
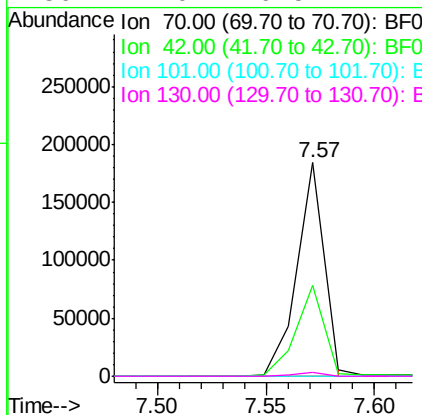
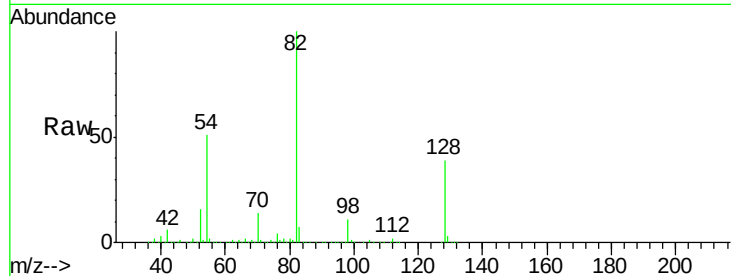




#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.57 min Scan# 458
Delta R.T. 0.16 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

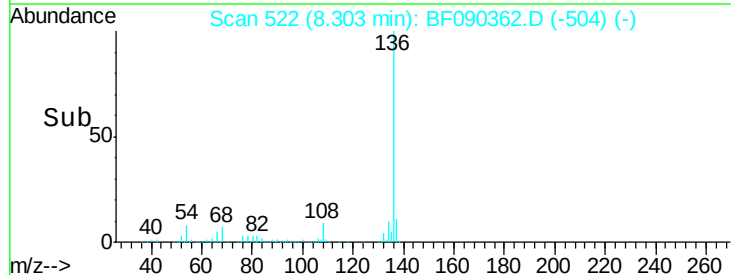
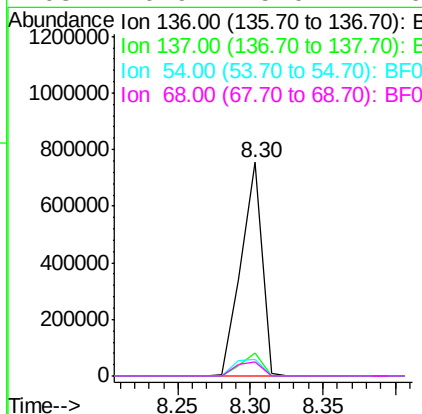
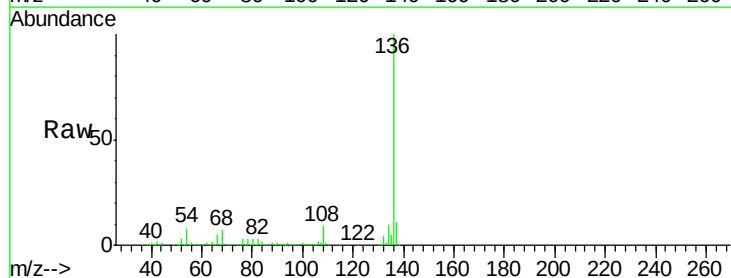
Instrument :
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ClientSampleId :
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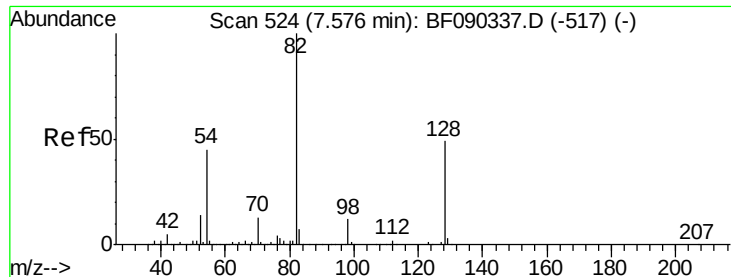
Tgt Ion: 70 Resp: 161601
Ion Ratio Lower Upper
70 100
42 42.6 55.4 83.2#
101 0.0 7.6 11.4#
130 2.0 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

Tgt Ion: 136 Resp: 757965
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.6 6.6 10.0
68 6.9 5.0 7.6

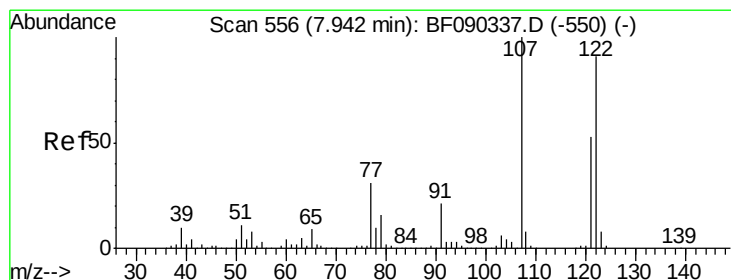
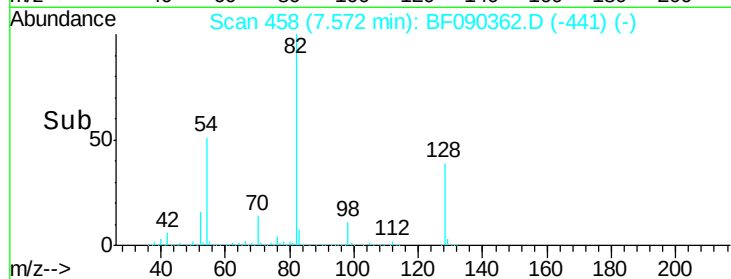
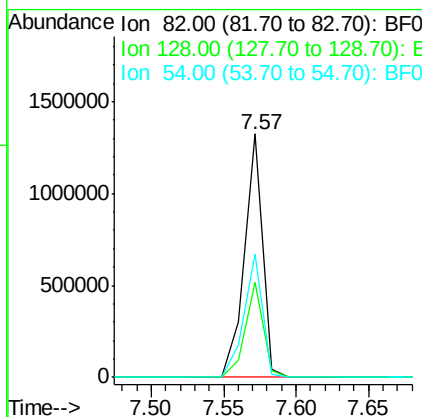
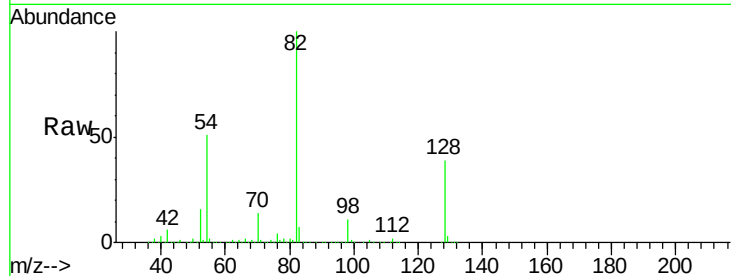




#23
 Nitrobenzene-d5
 Concen: 88.63 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090362.D
 Acq: 5 Oct 2016 00:34

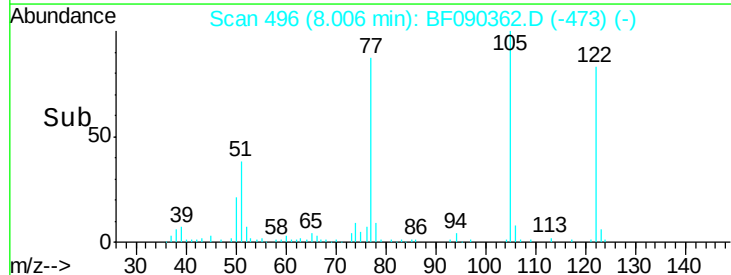
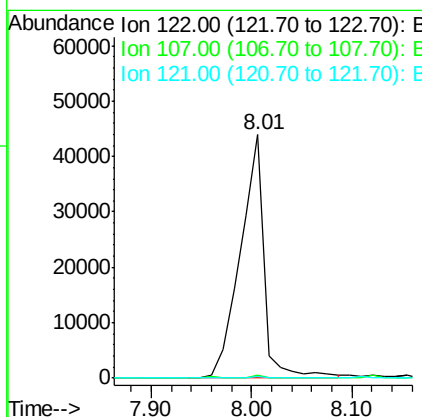
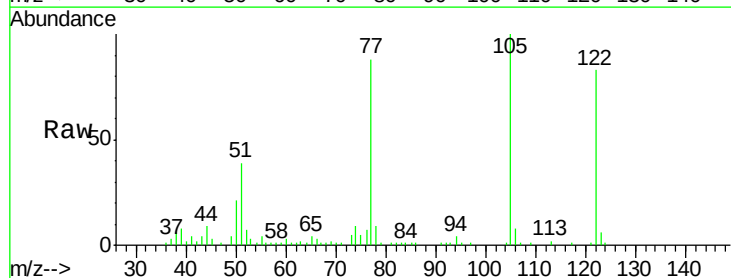
Instrument :
 BNA_F
 ClientSampleId :
 PA-1

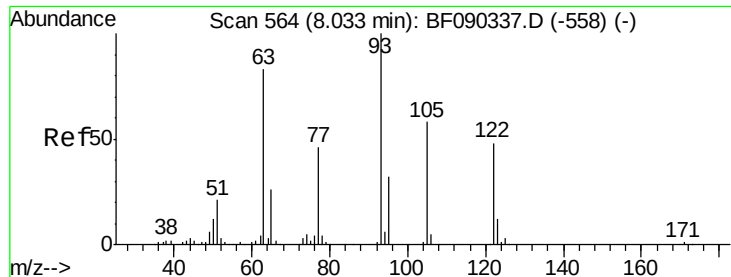
Tgt Ion: 82 Resp: 1152493
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.0 60.0#
 54 50.9 42.6 64.0



#27
 2,4-Dimethylphenol
 Concen: 5.99 ng
 RT: 8.01 min Scan# 496
 Delta R.T. 0.06 min
 Lab File: BF090362.D
 Acq: 5 Oct 2016 00:34

Tgt Ion: 122 Resp: 72430
 Ion Ratio Lower Upper
 122 100
 107 1.0 88.6 132.8#
 121 0.9 47.5 71.3#

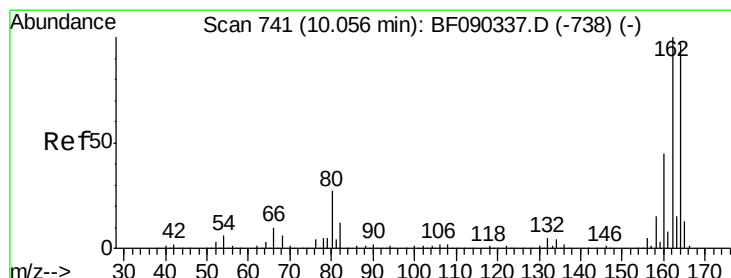
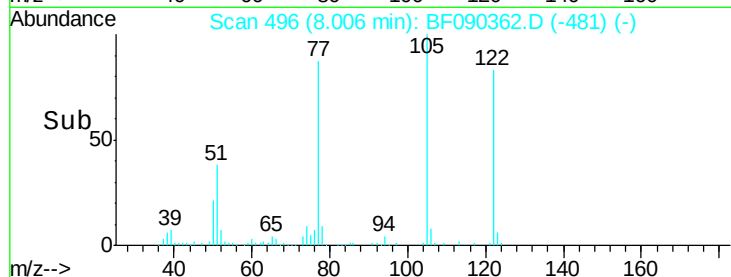
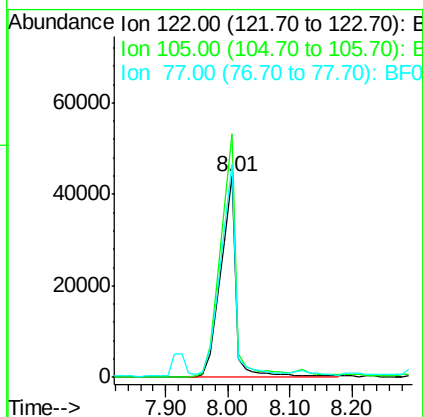
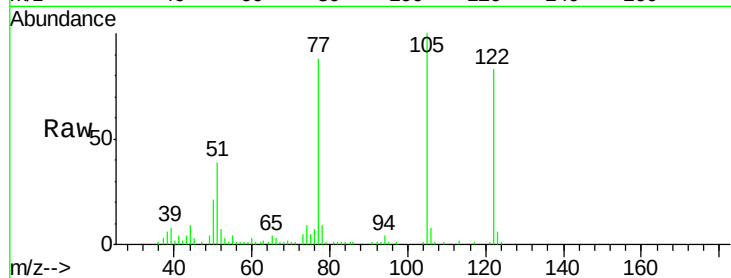




#32
Benzoic acid
Concen: 13.81 ng
RT: 8.01 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

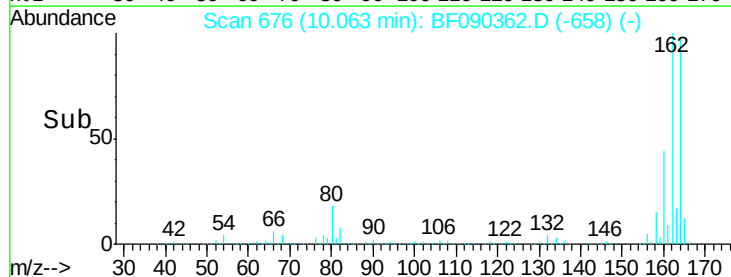
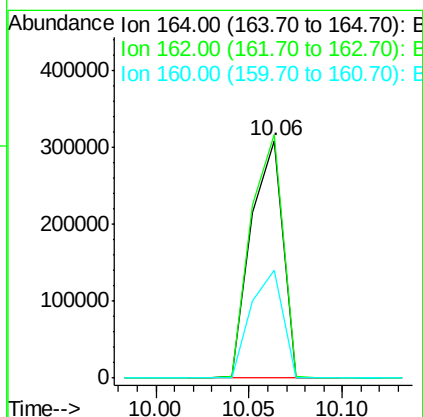
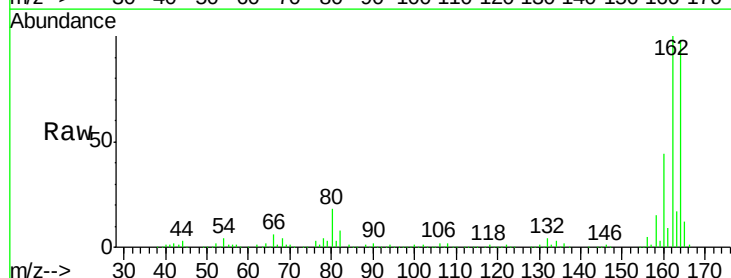
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ClientSampleId :
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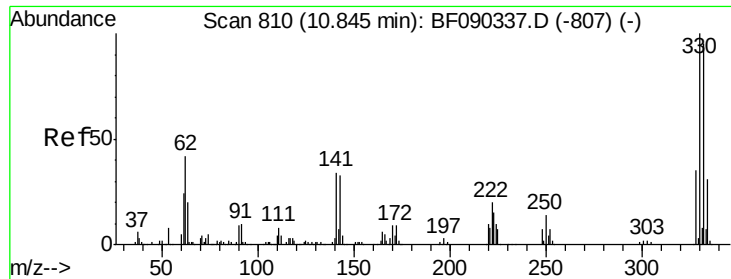
Tgt Ion:122 Resp: 74656
Ion Ratio Lower Upper
122 100
105 121.1 103.9 143.9
77 106.0 74.6 114.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

Tgt Ion:164 Resp: 361141
Ion Ratio Lower Upper
164 100
162 102.4 80.1 120.1
160 45.3 36.3 54.5

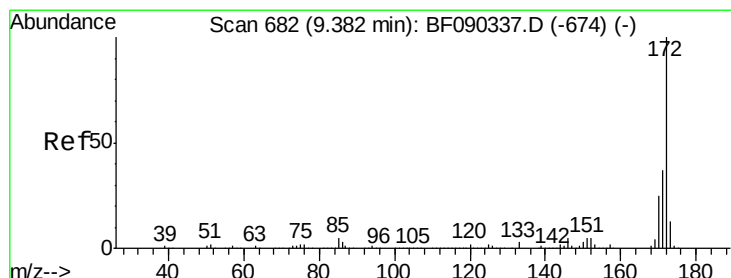
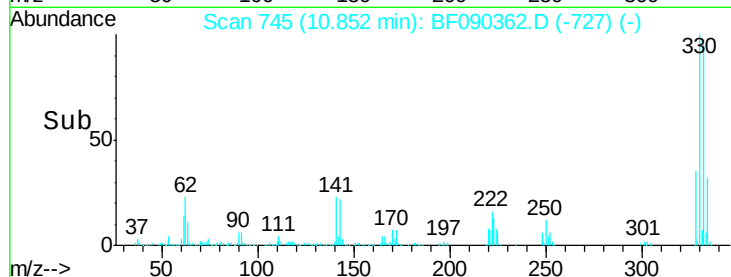
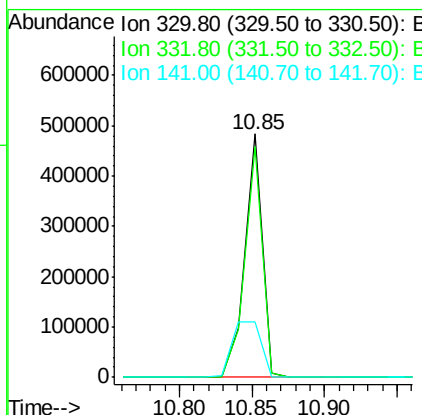
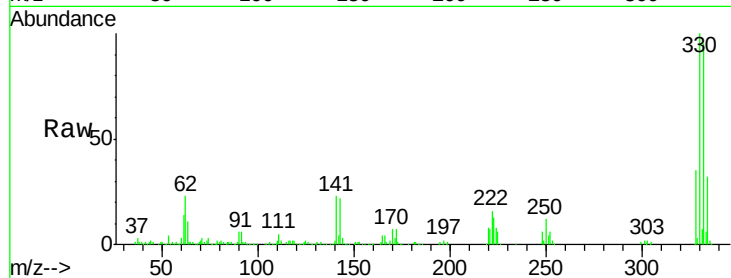




#41
 2,4,6-Tribromophenol
 Concen: 129.24 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090362.D
 Acq: 5 Oct 2016 00:34

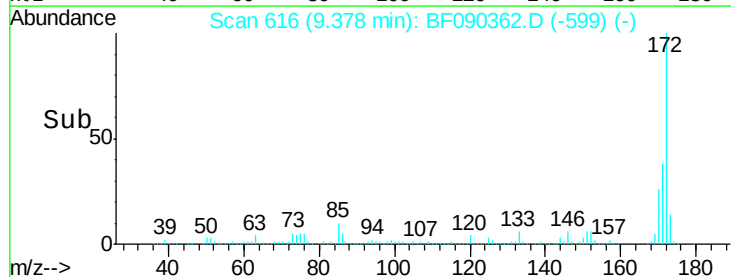
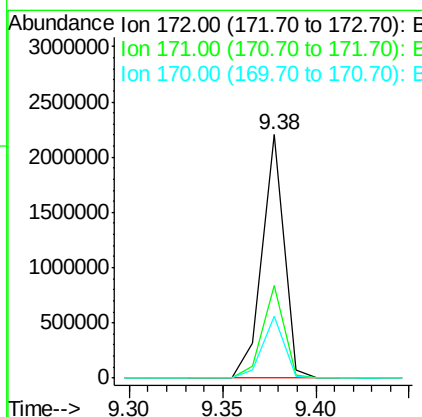
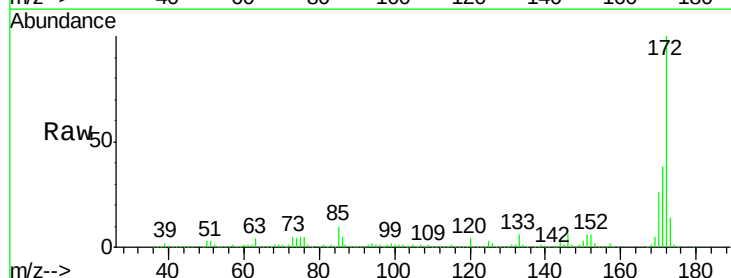
Instrument :
 BNA_F
 ClientSampleId :
 PA-1

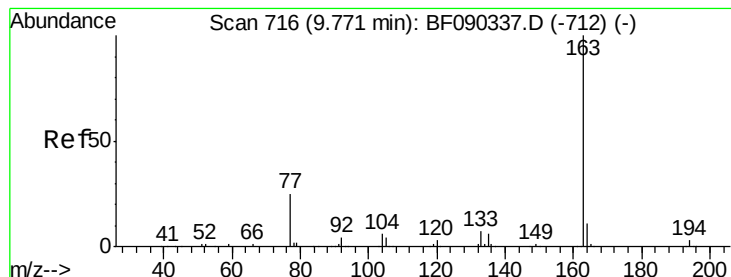
Tgt Ion:330 Resp: 405382
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.0
 141 38.2 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 80.30 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090362.D
 Acq: 5 Oct 2016 00:34

Tgt Ion:172 Resp: 1778570
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.8 47.8
 170 25.6 21.7 32.5





#49

Dimethylphthalate

Concen: 27.19 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1

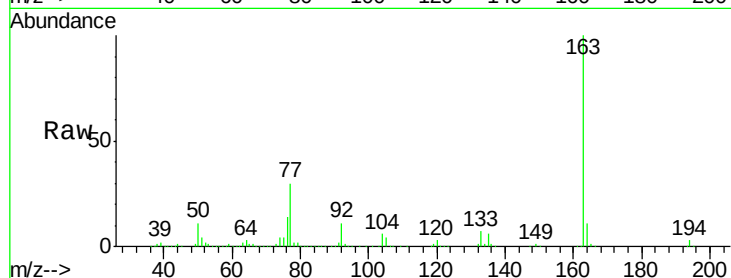
Tgt Ion:163 Resp: 581338

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

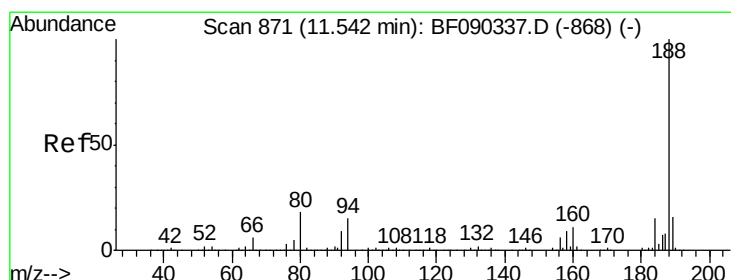
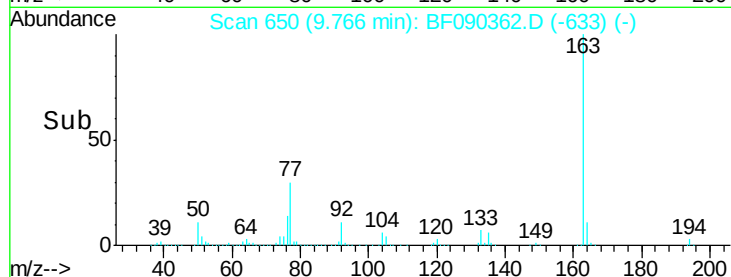
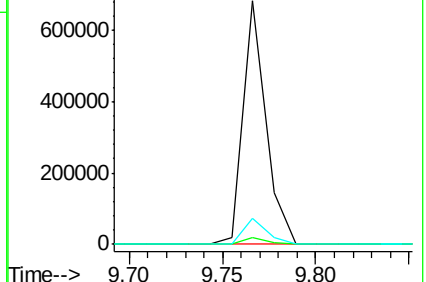
164 10.6 9.0 13.4



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: 11.55 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

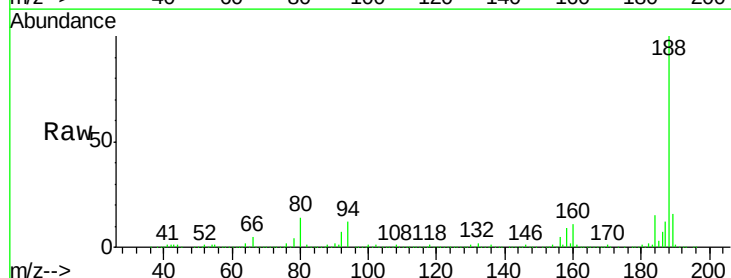
Tgt Ion:188 Resp: 648527

Ion Ratio Lower Upper

188 100

94 12.3 8.2 12.2#

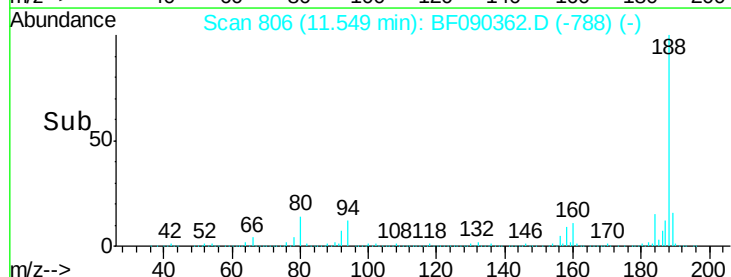
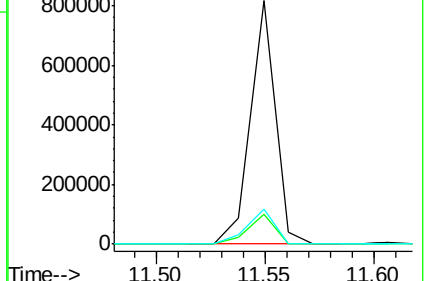
80 14.4 8.8 13.2#

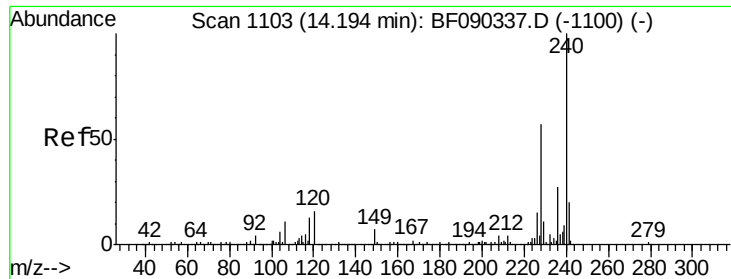


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.20 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1

Tgt Ion:240 Resp: 640504

Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

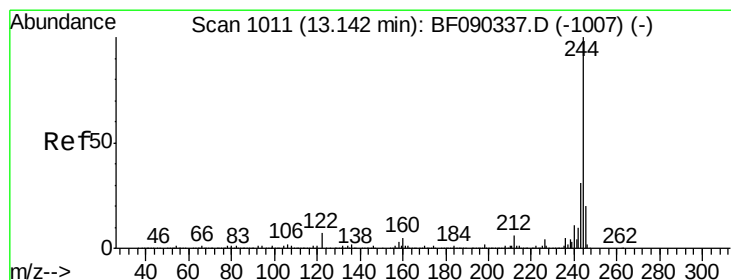
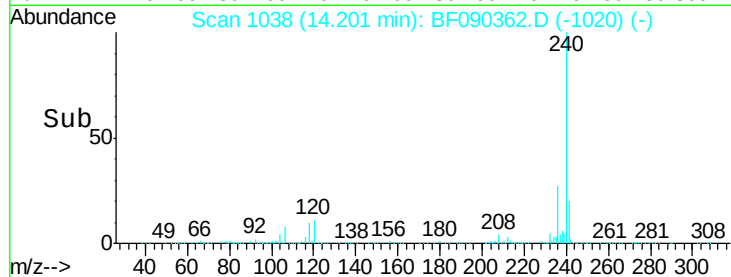
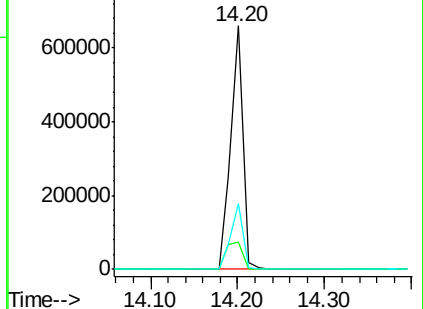
236 26.9 21.6 32.4



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: 62.12 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090362.D

Acq: 5 Oct 2016 00:34

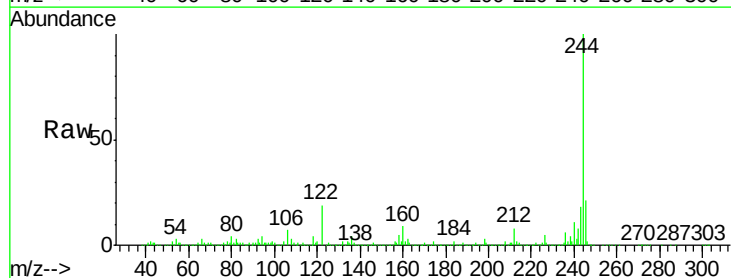
Tgt Ion:244 Resp: 1709063

Ion Ratio Lower Upper

244 100

212 8.0 6.8 10.2

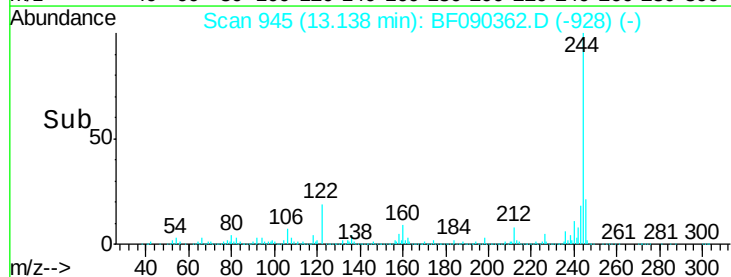
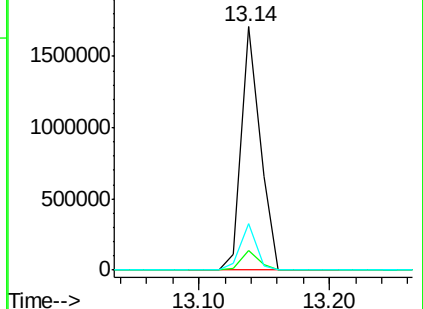
122 19.3 13.3 19.9

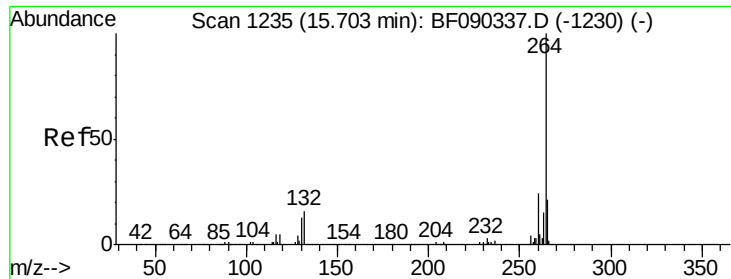


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

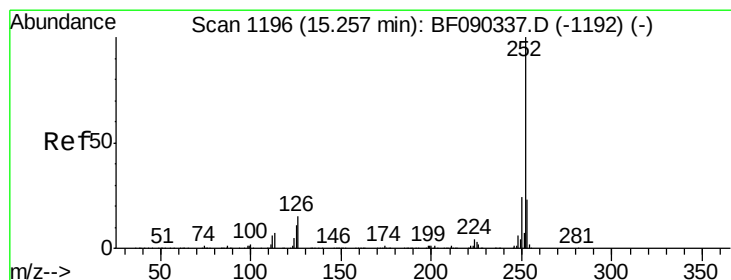
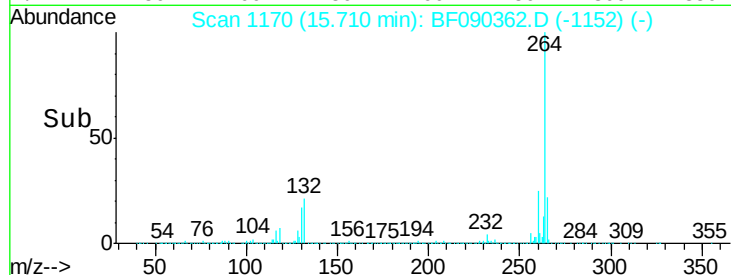
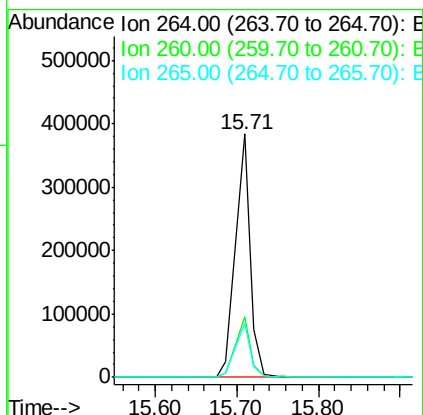
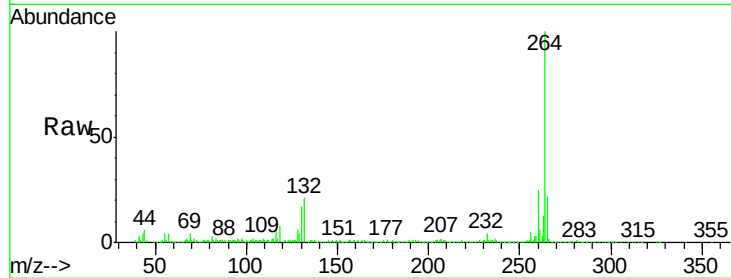




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

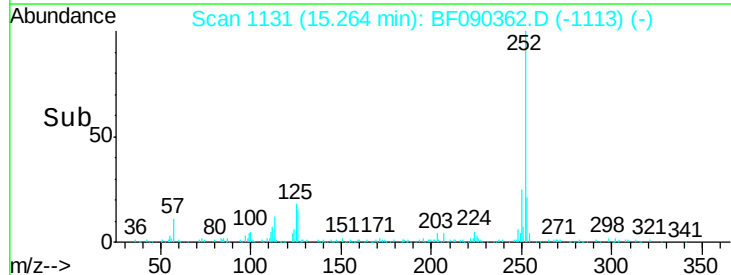
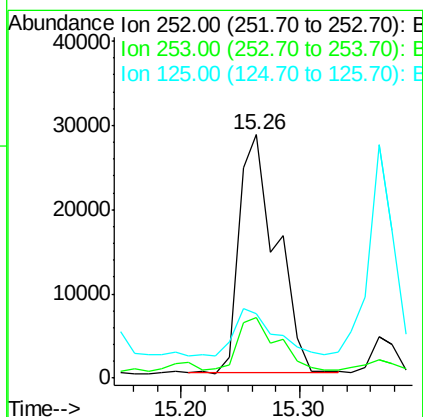
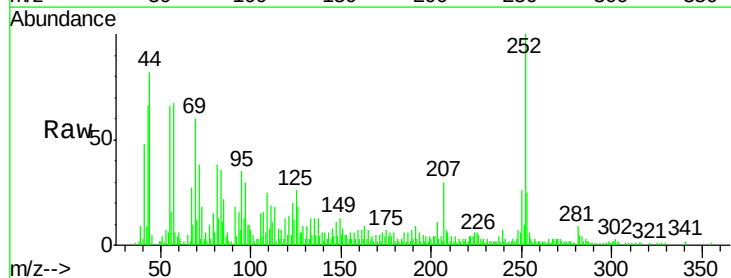
Instrument :
BNA_F
ClientSampleId :
PA-1

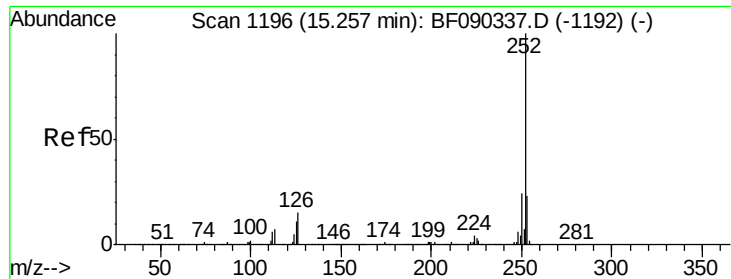
Tgt Ion:264 Resp: 491406
Ion Ratio Lower Upper
264 100
260 25.0 19.3 28.9
265 22.1 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 2.18 ng
RT: 15.26 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF090362.D
Acq: 5 Oct 2016 00:34

Tgt Ion:252 Resp: 61543
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 26.4 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 2.29 ng

RT: 15.26 min Scan# 1131

Delta R.T. -0.03 min

Lab File: BF090362.D

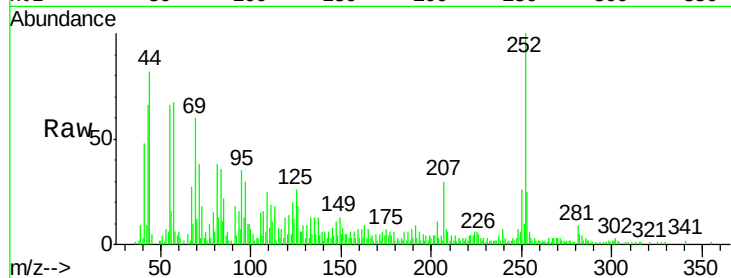
Acq: 5 Oct 2016 00:34

Instrument :

BNA_F

ClientSampleId :

PA-1



Tgt Ion:	252	Resp:	61693
Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.6	27.8
125	26.4	11.7	17.5#

