

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
 Data File : BE092090.D
 Acq On : 1 Aug 2016 13:04
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 01 16:00:20 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 15:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	8642	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	37476	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	19164	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	80880	5.00	ng	0.00
31) Chrysene-d12	21.74	240	89774	5.00	ng	0.00
40) Perylene-d12	24.15	264	82093	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	1173	0.61	ng	0.00
5) Phenol-d6	7.33	99	1193	0.46	ng	0.00
9) Nitrobenzene-d5	9.25	82	115	0.04	ng	-0.10
16) 2,4,6-Tribromophenol	16.34	330	523	0.78	ng	0.00
17) 2-Fluorobiphenyl	13.46	172	2906	0.38	ng	0.00
34) Terphenyl-d14	20.21	244	6200	0.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	496	0.42	ng	# 91
3) n-Nitrosodimethylamine	3.78	42	603	0.43	ng	95
6) bis(2-Chloroethyl)ether	7.59	93	1009	0.41	ng	97
7) n-Nitroso-di-n-propylamine	8.98	70	957	0.47	ng	99
10) Nitrobenzene	9.38	77	1152	0.42	ng	98
11) bis(2-Chloroethoxy)methane	10.40	93	1819	0.58	ng	# 85
12) Naphthalene	11.02	128	3488	0.42	ng	96
13) Hexachlorobutadiene	11.32	225	564	0.46	ng	# 100
14) 2-Methylnaphthalene	12.65	142	2270	0.43	ng	# 87
18) Acenaphthylene	14.58	152	16369	0.33	ng	# 94
19) 2,6-Dinitrotoluene	14.46	165	11822	2.32	ng	# 100
20) Acenaphthene	14.92	154	2346	0.45	ng	# 73
21) 2,4-Dinitrotoluene	15.25	165	2786	0.43	ng	# 1
22) Fluorene	15.89	166	3475	0.42	ng	99
23) 4-Chlorophenyl-phenylether	15.89	204	1943	0.48	ng	81
25) 4-Bromophenyl-phenylether	16.76	248	1028	0.31	ng	99
26) Hexachlorobenzene	16.88	284	1064	0.31	ng	99
27) Pentachlorophenol	17.27	266	124	0.13	ng	91
28) Phenanthrene	17.72	178	5994	0.29	ng	100
29) Anthracene	17.72	178	6176	0.33	ng	100
30) Fluoranthene	19.64	202	25723	0.28	ng	# 92
32) Benzidine	19.84	184	1657	0.38	ng	# 40
33) Pyrene	19.98	202	39681	0.34	ng	96
35) Benzo(a)anthracene	21.72	228	17634	0.41	ng	92
36) 3,3'-Dichlorobenzidine	21.67	252	3064	0.37	ng	94
37) Chrysene	21.72	228	17993	0.49	ng	# 90
38) Bis(2-ethylhexyl)phthalate	21.65	149	8146	0.09	ng	# 27
39) Indeno(1,2,3-cd)pyrene	26.65	276	37128	0.35	ng	100
41) Benzo(b)fluoranthene	23.41	252	8537	0.34	ng	96
42) Benzo(k)fluoranthene	23.45	252	9599	0.37	ng	97
43) Benzo(a)pyrene	24.03	252	8192	0.39	ng	# 96
44) Dibenzo(a,h)anthracene	26.69	278	7522	0.41	ng	96
45) Benzo(a,h,i)perylene	27.44	276	32402	0.43	ng	96

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
Data File : BE092090.D
Acq On : 1 Aug 2016 13:04
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 01 16:00:20 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 15:59:29 2016
Response via : Initial Calibration

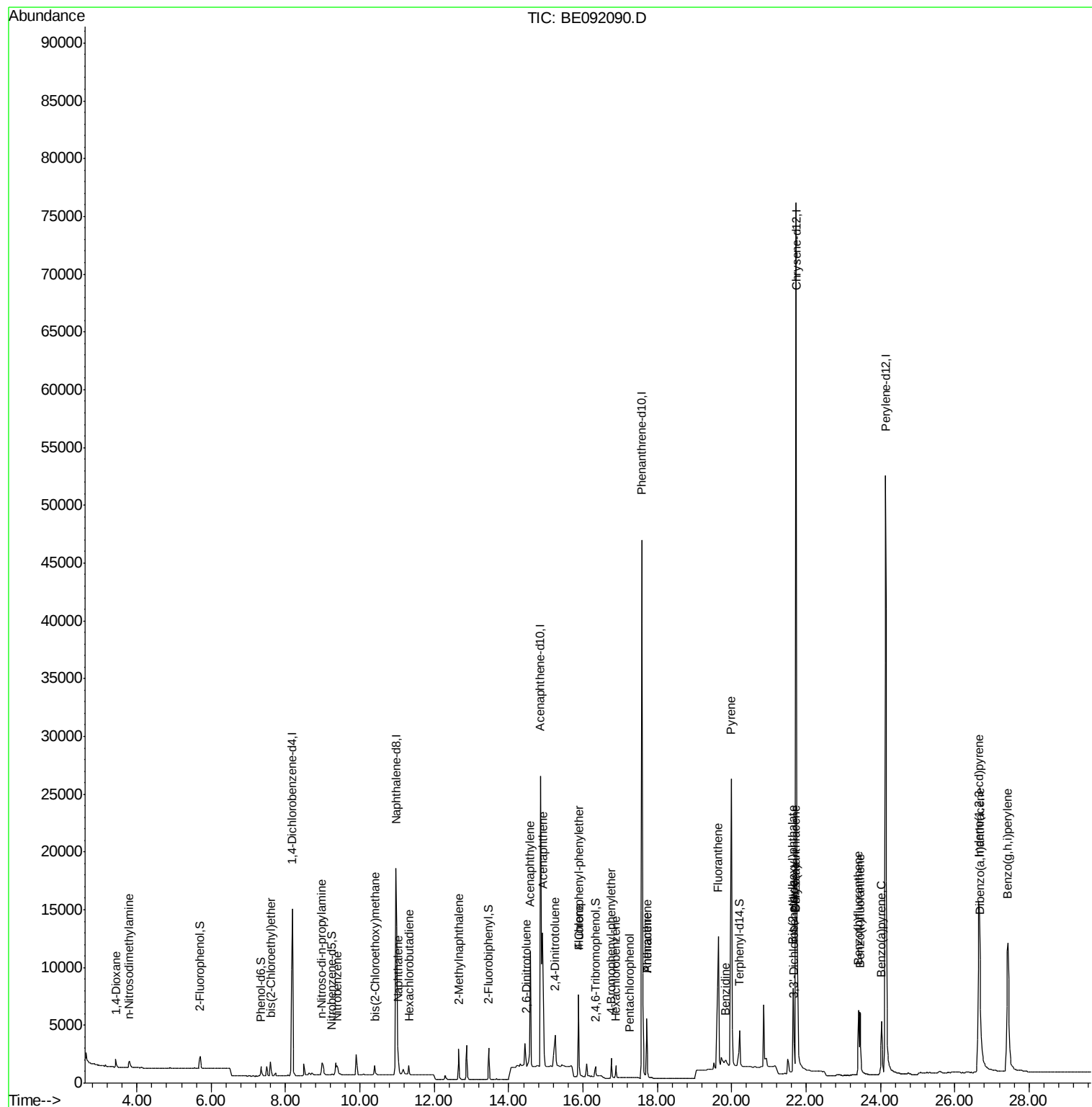
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

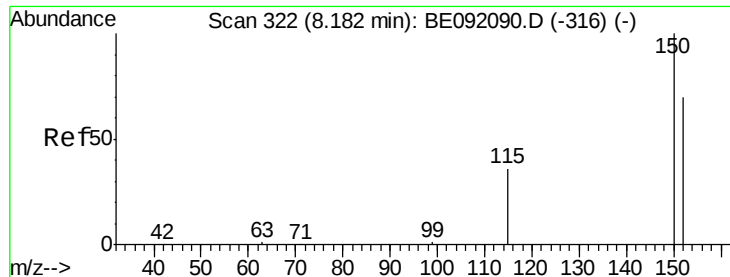
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
Data File : BE092090.D
Acq On : 1 Aug 2016 13:04
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 01 16:00:20 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 15:59:29 2016
Response via : Initial Calibration



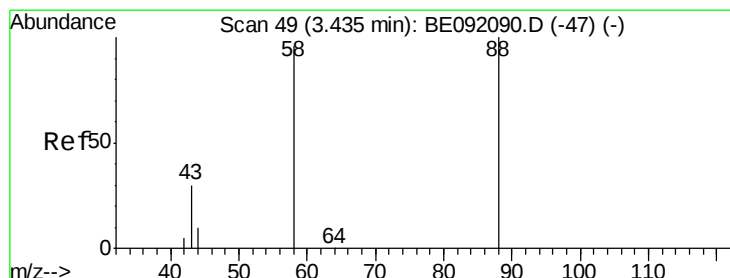
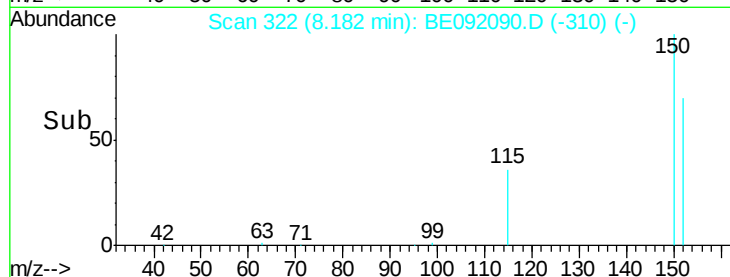
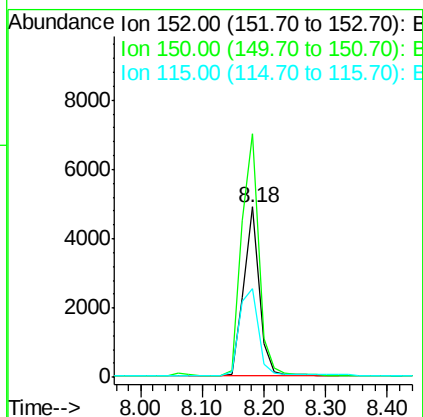
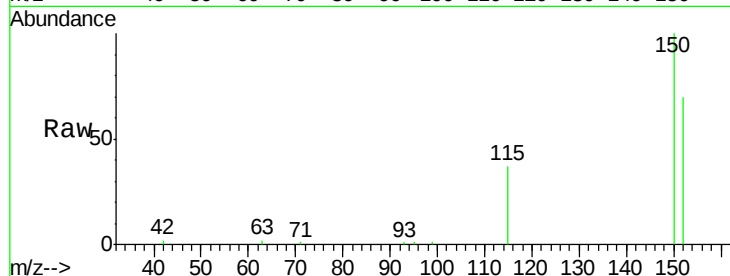


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.18 min Scan# 322
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Instrument :
BNA_E
ClientSampleId :

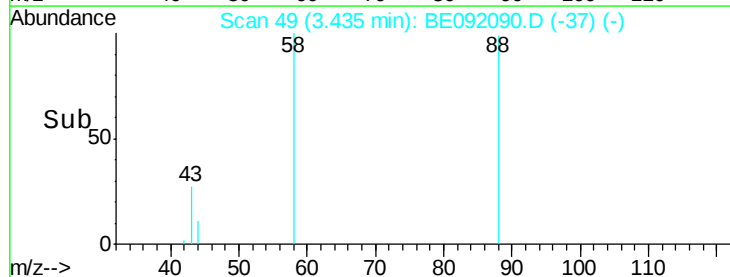
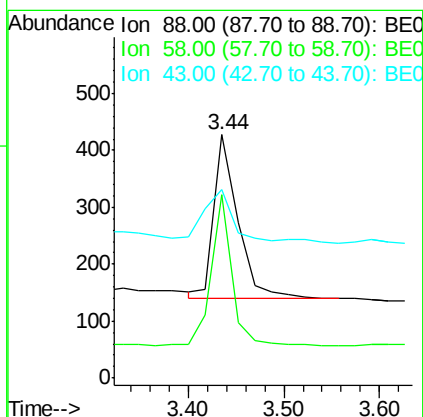
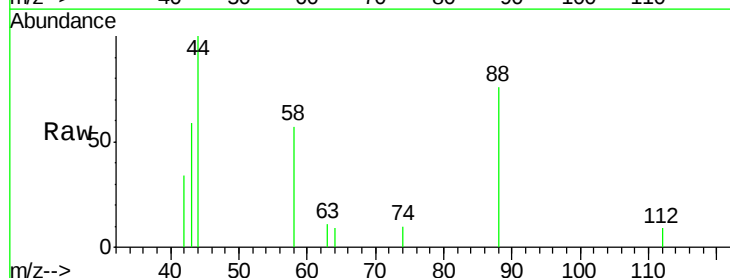
Tot Ion:152 Resp: 8642
Ion Ratio Lower Upper
152 100
150 143.1 106.0 159.0
115 52.3 36.9 55.3

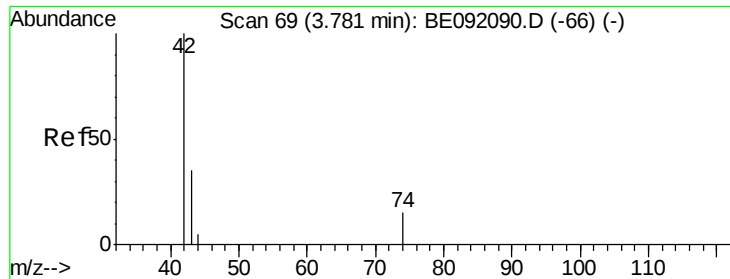


#2

1,4-Dioxane
Concen: 0.42 ng
RT: 3.44 min Scan# 49
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Tgt Ion: 88 Resp: 496
Ion Ratio Lower Upper
88 100
58 81.7 62.1 93.1
43 44.4 27.2 40.8#



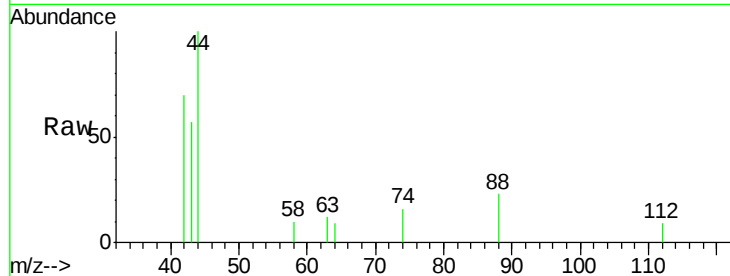


#3

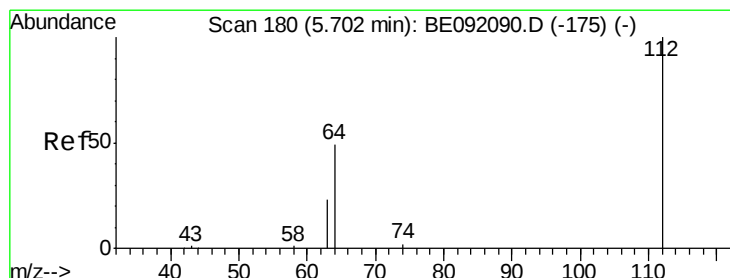
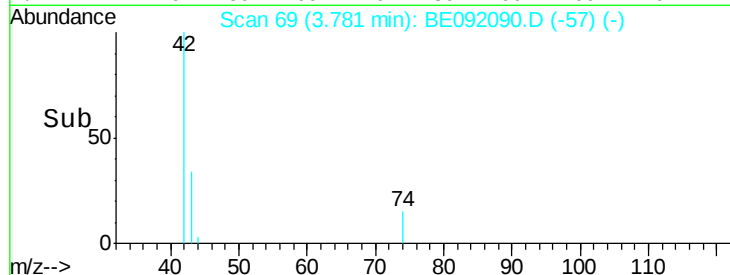
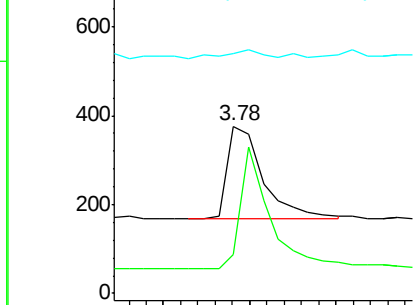
n-Nitrosodimethylamine
 Concen: 0.43 ng
 RT: 3.78 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 603
 Ion Ratio Lower Upper
 42 100
 74 108.5 82.8 124.2
 44 10.3 9.0 13.4



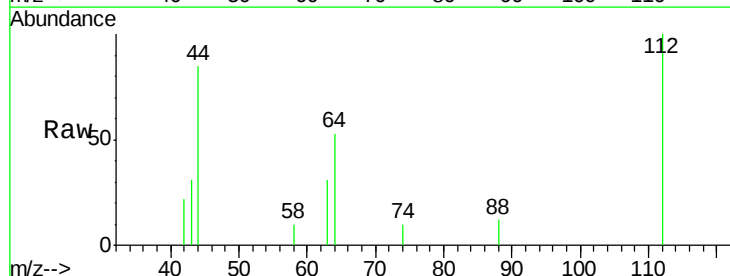
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



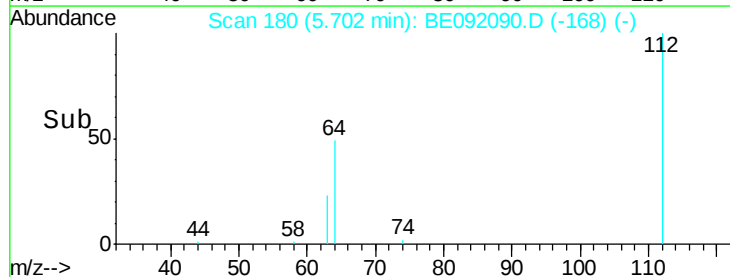
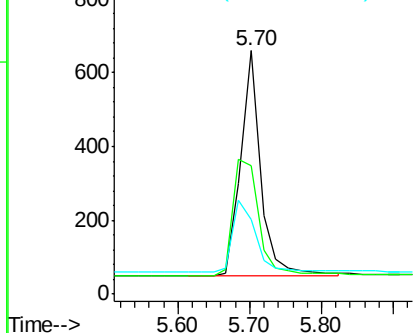
#4

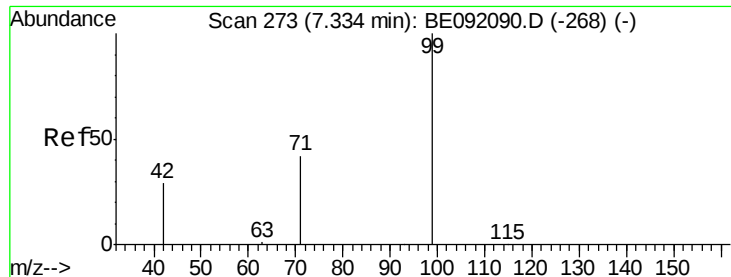
2-Fluorophenol
 Concen: 0.61 ng
 RT: 5.70 min Scan# 180
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

Tgt Ion: 112 Resp: 1173
 Ion Ratio Lower Upper
 112 100
 64 67.2 55.9 83.9
 63 36.6 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.46 ng

RT: 7.33 min Scan# 273

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :

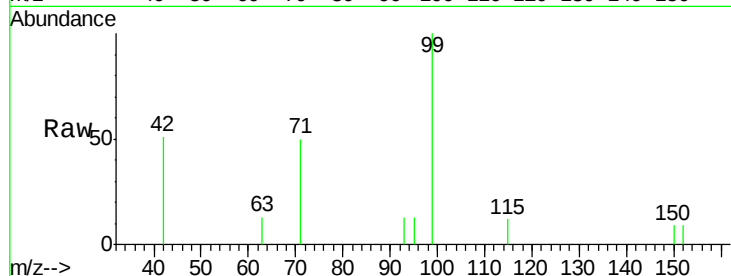
Tot Ion: 99 Resp: 1193

Ion Ratio Lower Upper

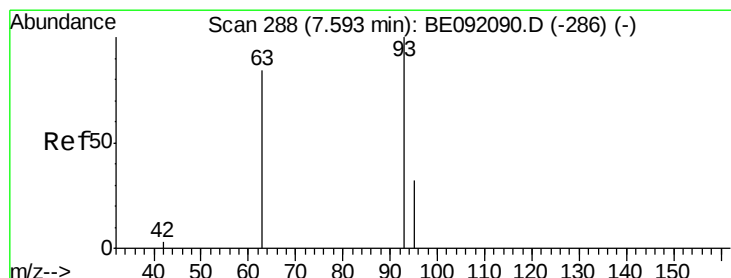
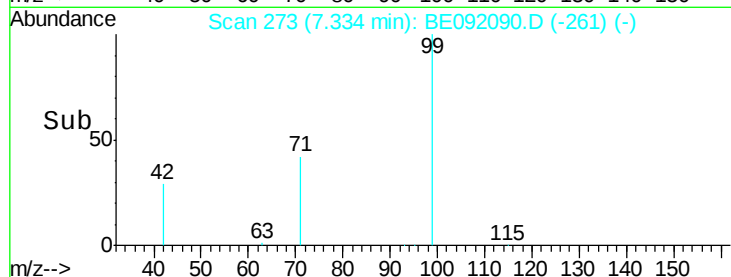
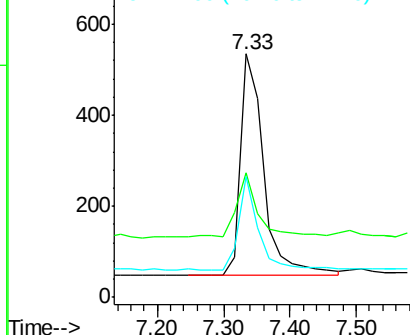
99 100

42 28.7 22.4 33.6

71 36.2 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.41 ng

RT: 7.59 min Scan# 288

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

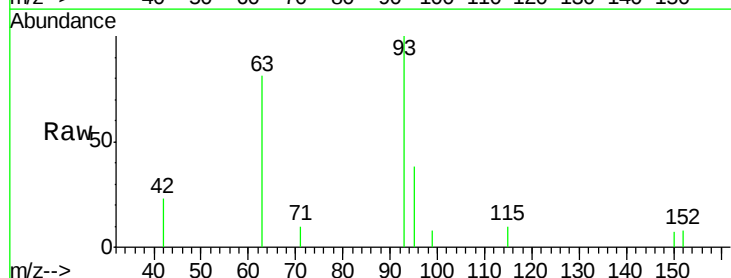
Tgt Ion: 93 Resp: 1009

Ion Ratio Lower Upper

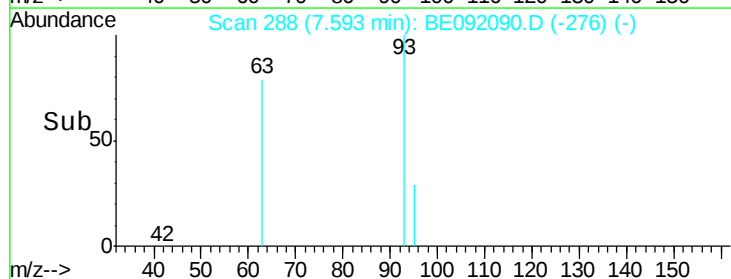
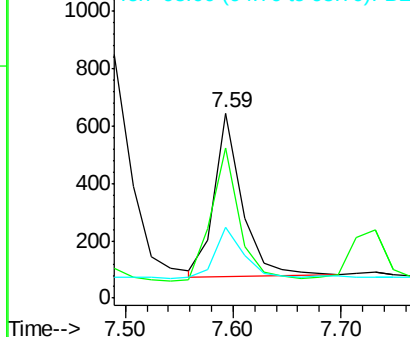
93 100

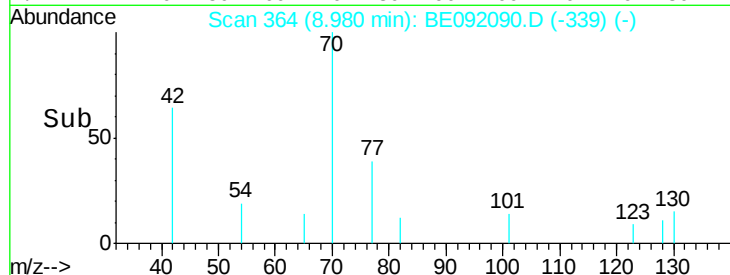
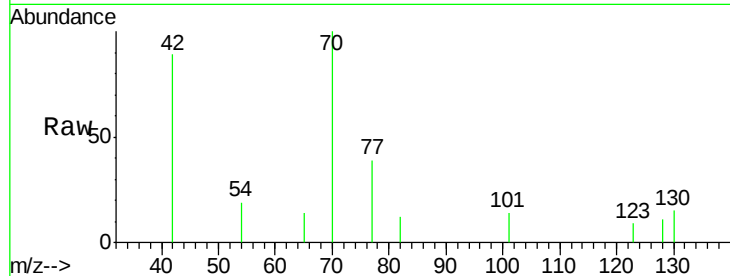
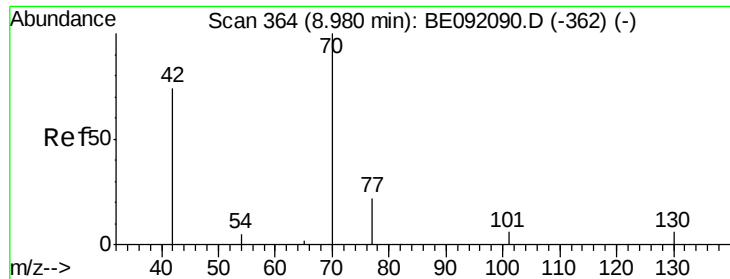
63 83.8 64.4 96.6

95 32.1 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.47 ng

RT: 8.98 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 70 Resp: 957

Ion Ratio Lower Upper

70 100

42 74.4 60.2 90.4

101 8.4 6.8 10.2

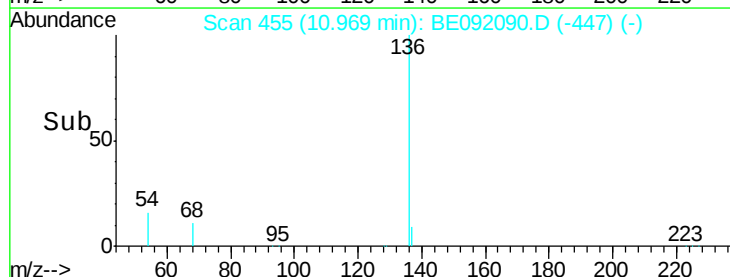
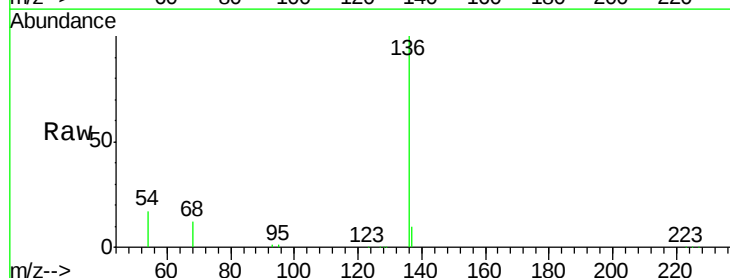
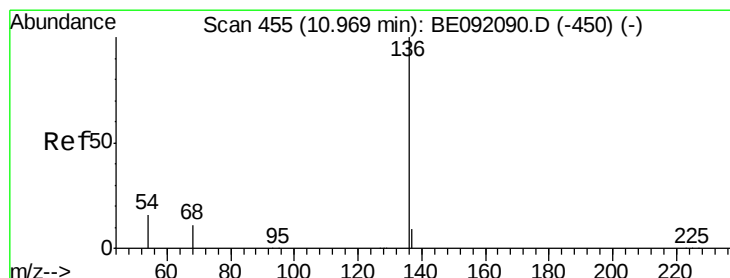
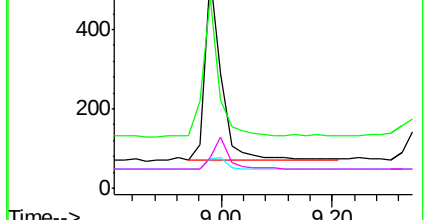
130 16.7 13.3 19.9

Abundance Ion 70.00 (69.70 to 70.70): BE092090.D (-362) (-)

Ion 42.00 (41.70 to 42.70): BE092090.D (-362) (-)

Ion 101.00 (100.70 to 101.70): BE092090.D (-362) (-)

Ion 130.00 (129.70 to 130.70): BE092090.D (-362) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 455

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Tgt Ion: 136 Resp: 37476

Ion Ratio Lower Upper

136 100

137 9.8 9.1 13.7

54 16.6 2.7 4.1#

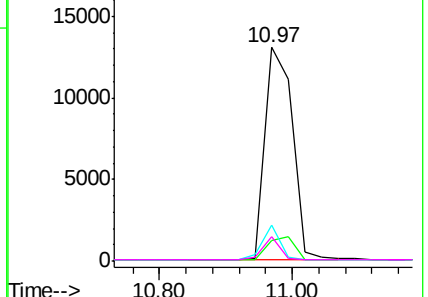
68 11.6 2.2 3.4#

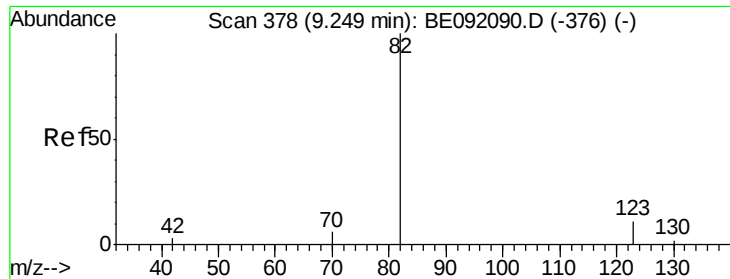
Abundance Ion 136.00 (135.70 to 136.70): BE092090.D (-450) (-)

Ion 137.00 (136.70 to 137.70): BE092090.D (-450) (-)

Ion 54.00 (53.70 to 54.70): BE092090.D (-450) (-)

Ion 68.00 (67.70 to 68.70): BE092090.D (-450) (-)





#9

Nitrobenzene-d5

Concen: 0.04 ng

RT: 9.25 min Scan# 378

Delta R.T. -0.10 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :

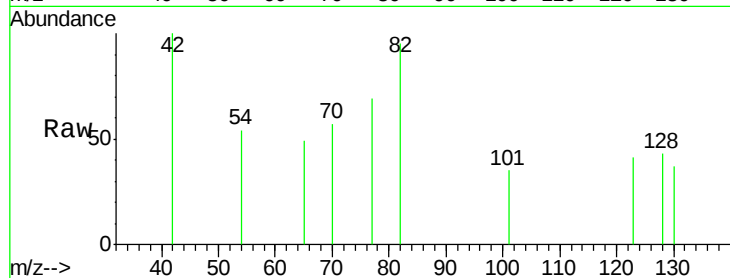
Tot Ion: 82 Resp: 115

Ion Ratio Lower Upper

82 100

128 45.7 33.0 49.4

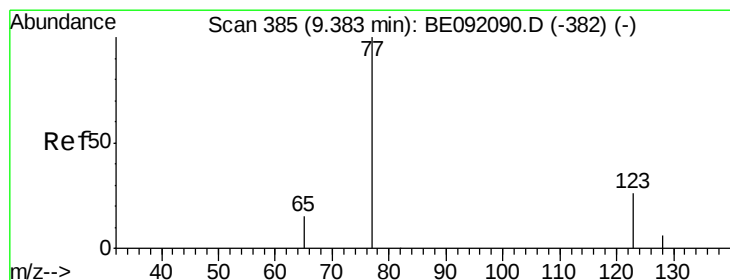
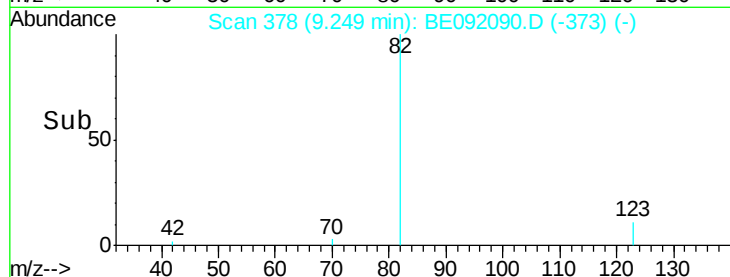
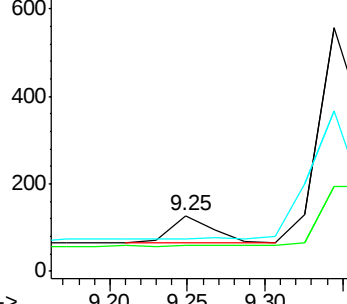
54 57.5 42.6 63.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.42 ng

RT: 9.38 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

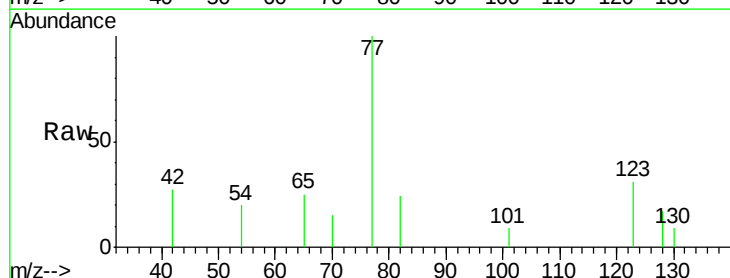
Tgt Ion: 77 Resp: 1152

Ion Ratio Lower Upper

77 100

123 38.3 29.9 44.9

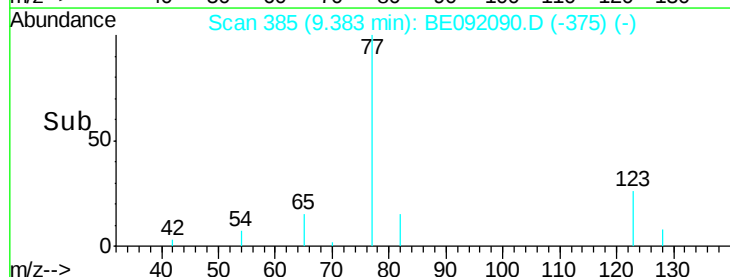
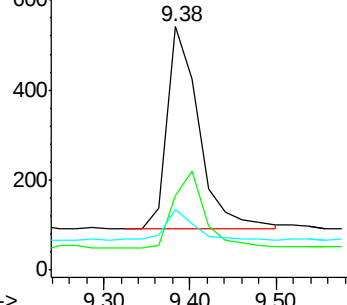
65 14.8 11.4 17.0

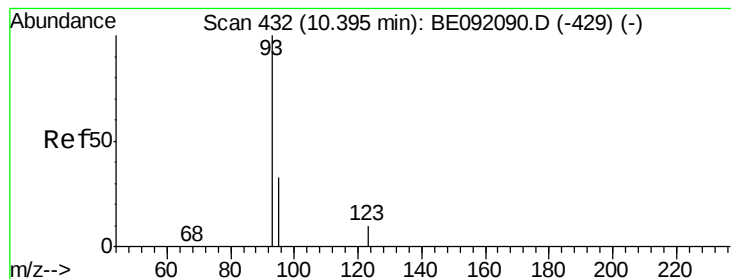


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

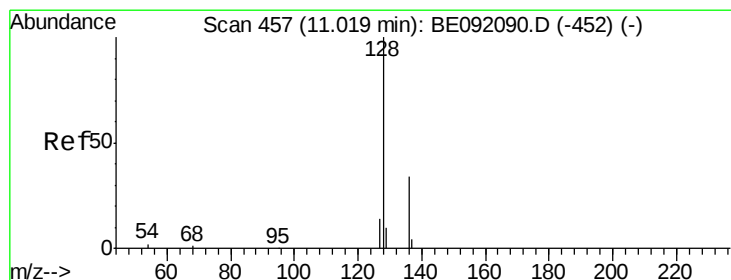
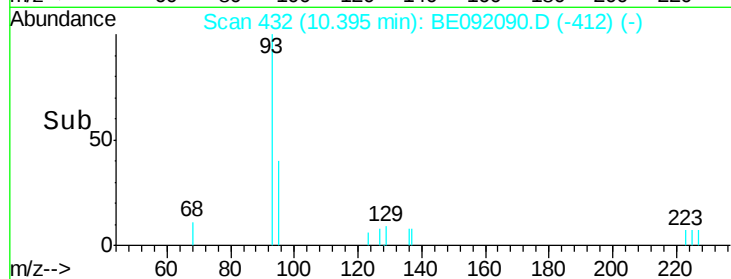
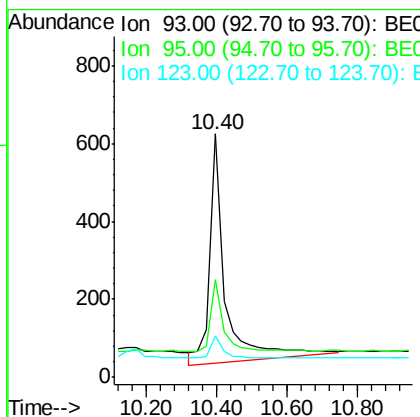
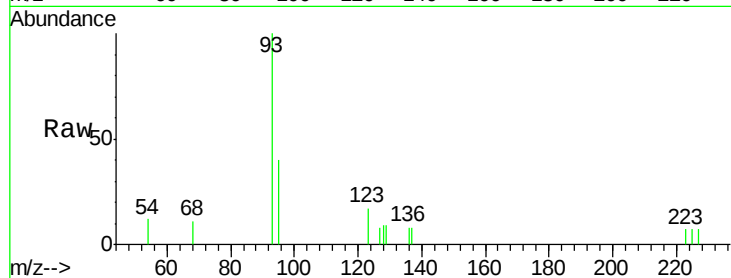




#11
bis(2-Chloroethoxy)methane
Concen: 0.58 ng
RT: 10.40 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

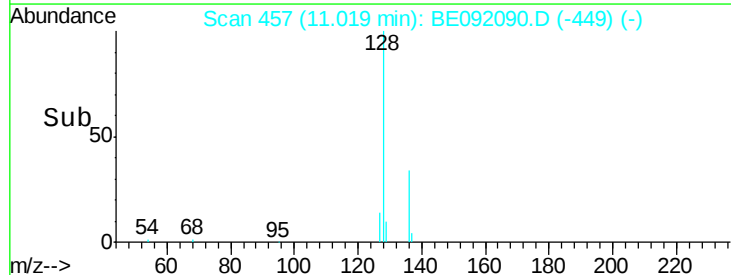
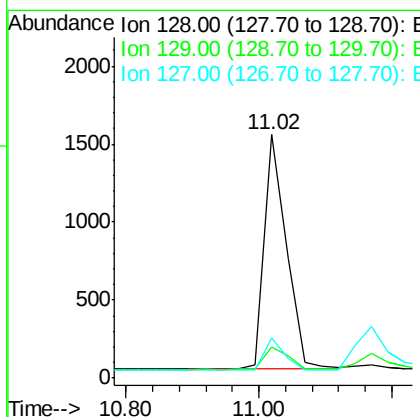
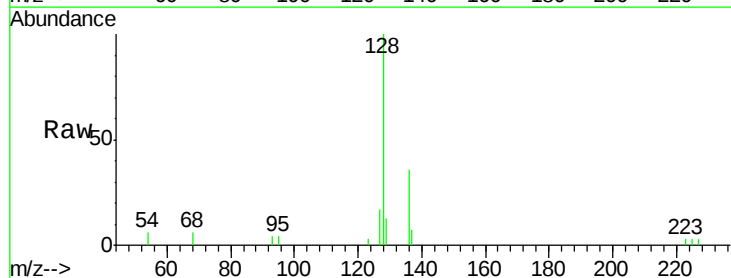
Instrument :
BNA_E
ClientSampleId :

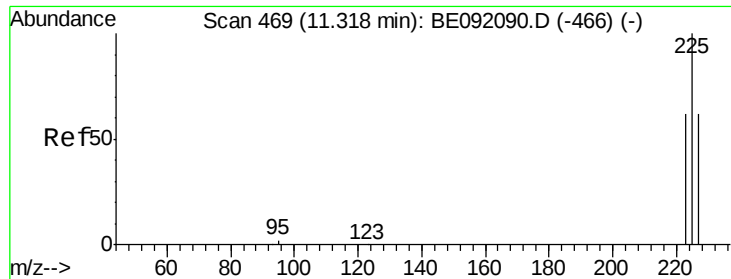
Tot Ion: 93 Resp: 1819
Ion Ratio Lower Upper
93 100
95 41.2 25.0 37.6#
123 7.4 7.8 11.8#



#12
Naphthalene
Concen: 0.42 ng
RT: 11.02 min Scan# 457
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Tgt Ion: 128 Resp: 3488
Ion Ratio Lower Upper
128 100
129 12.9 11.1 16.7
127 16.6 11.3 16.9

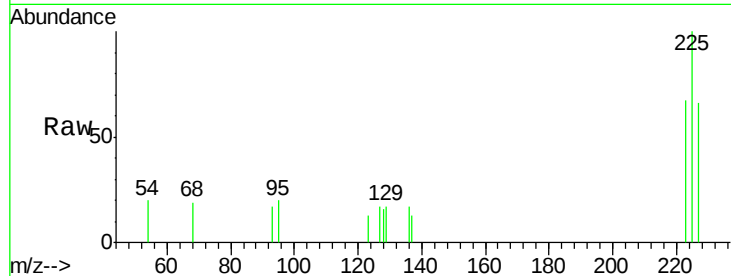




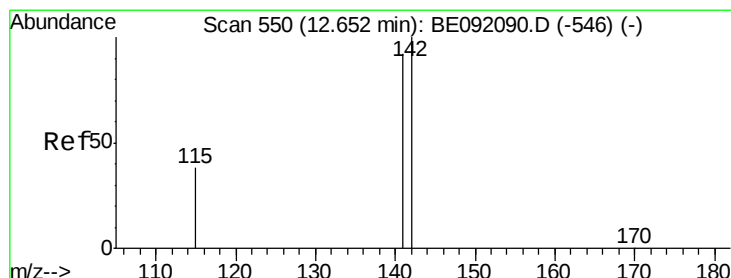
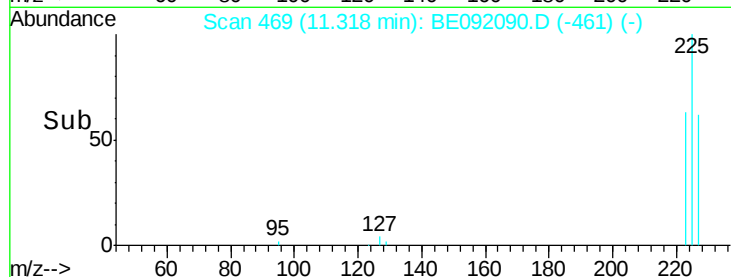
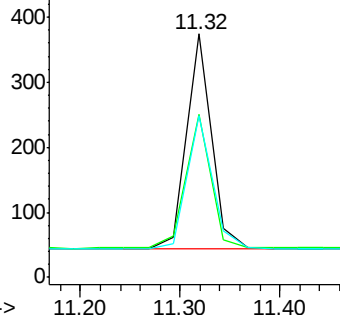
#13
Hexachlorobutadiene
Concen: 0.46 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 564
Ion Ratio Lower Upper
225 100
223 64.5 51.9 77.9
227 65.1 0.0 0.0#

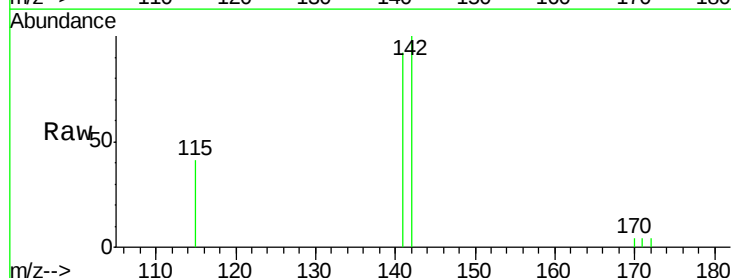


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

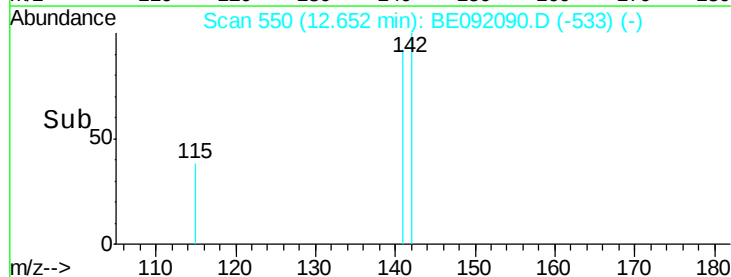
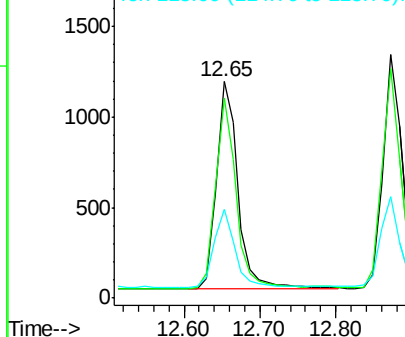


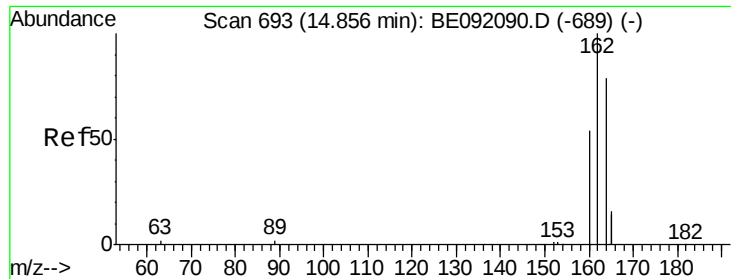
#14
2-Methylnaphthalene
Concen: 0.43 ng
RT: 12.65 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Tgt Ion:142 Resp: 2270
Ion Ratio Lower Upper
142 100
141 92.4 65.1 97.7
115 41.2 27.0 40.4#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 693

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :

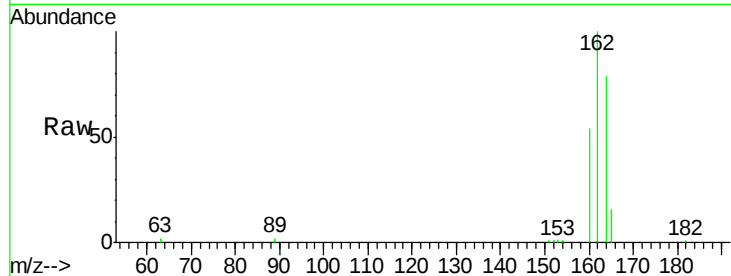
Tot Ion:164 Resp: 19164

Ion Ratio Lower Upper

164 100

162 127.2 69.5 104.3#

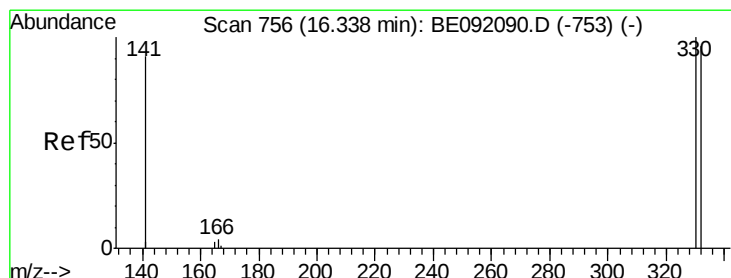
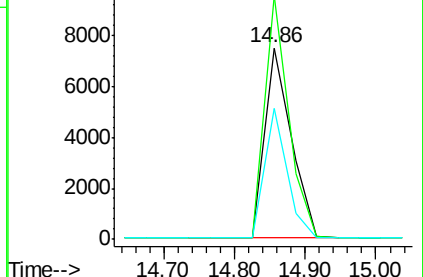
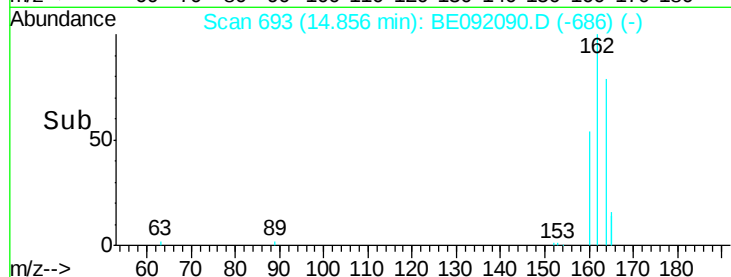
160 68.6 27.6 41.4#



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



#16

2,4,6-Tribromophenol

Concen: 0.78 ng

RT: 16.34 min Scan# 756

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

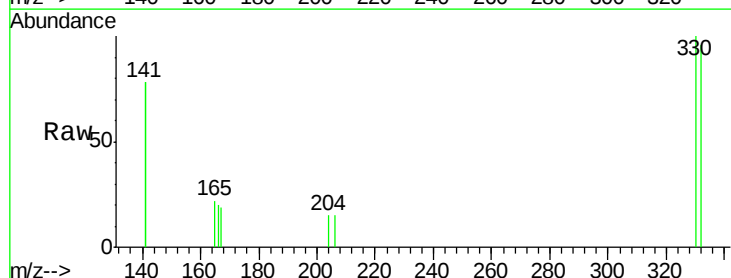
Tgt Ion:330 Resp: 523

Ion Ratio Lower Upper

330 100

332 95.2 74.2 111.4

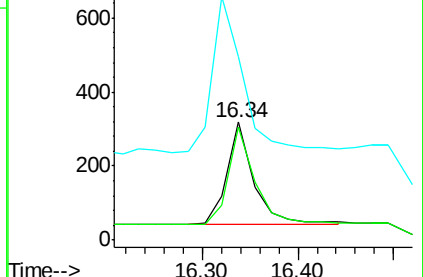
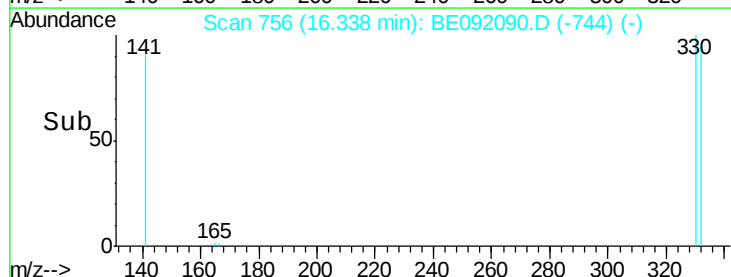
141 181.1 139.8 209.8

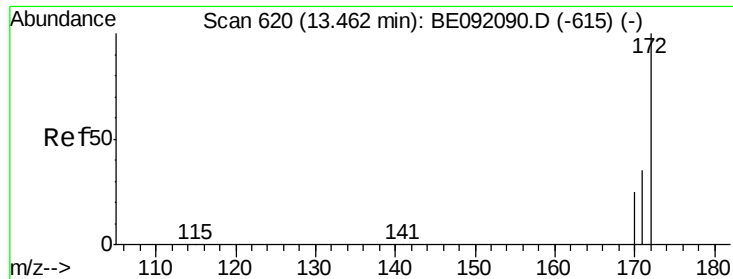


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

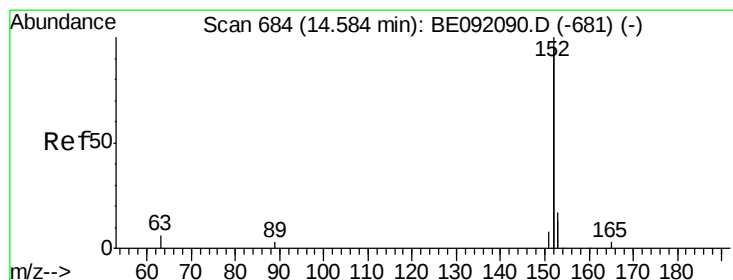
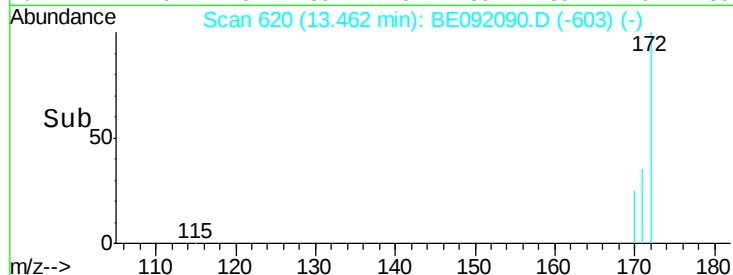
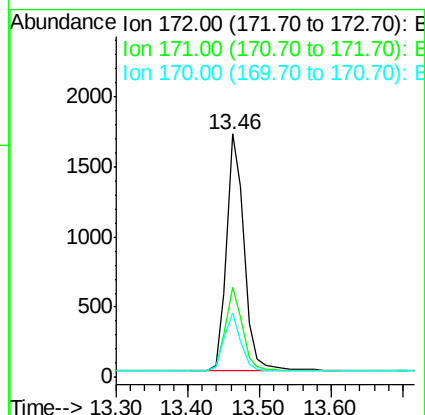
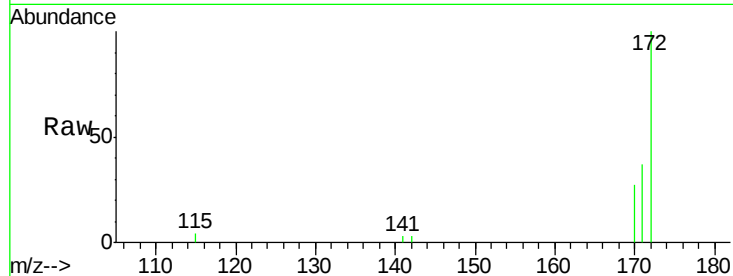




#17
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.46 min Scan# 620
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

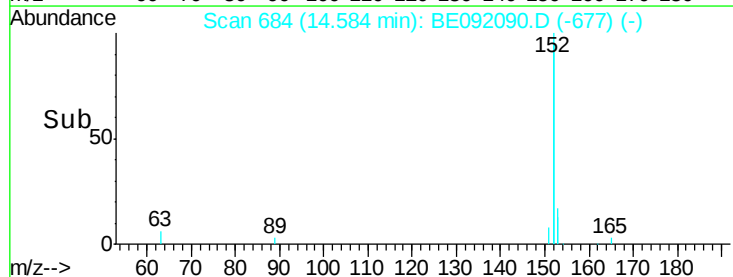
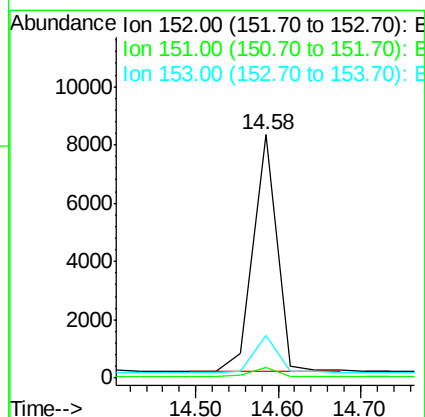
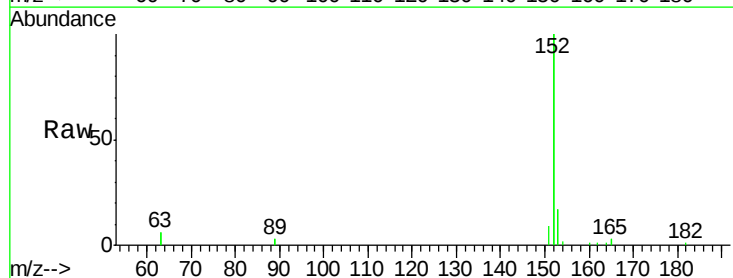
Instrument :
BNA_E
ClientSampleId :

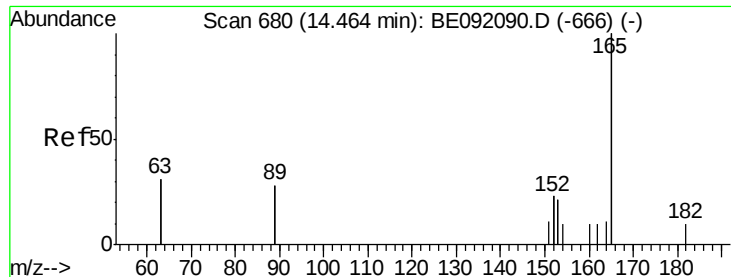
Tot Ion:172 Resp: 2906
Ion Ratio Lower Upper
172 100
171 37.1 30.3 45.5
170 26.6 21.6 32.4



#18
Acenaphthylene
Concen: 0.33 ng
RT: 14.58 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Tgt Ion:152 Resp: 16369
Ion Ratio Lower Upper
152 100
151 4.2 4.0 6.0
153 14.9 9.6 14.4#

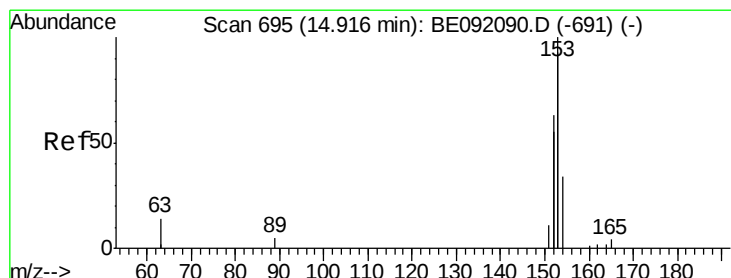
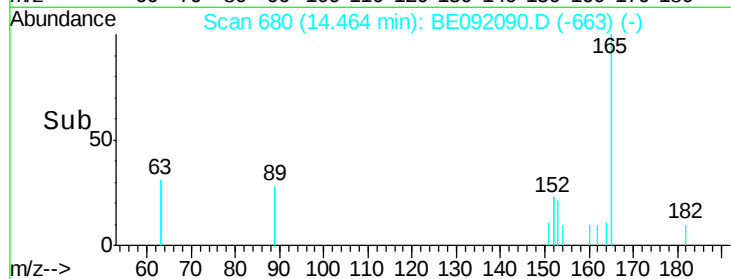
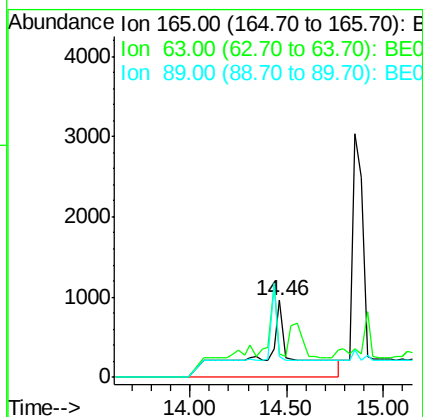
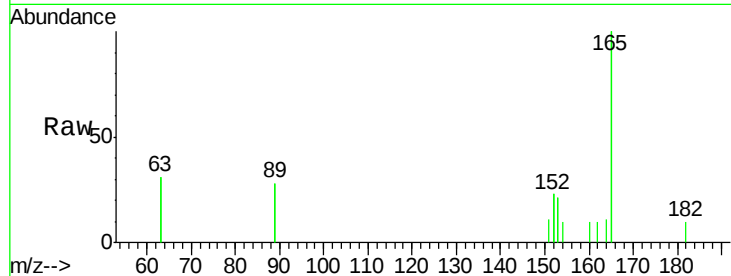




#19
 2,6-Dinitrotoluene
 Concen: 2.32 ng
 RT: 14.46 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

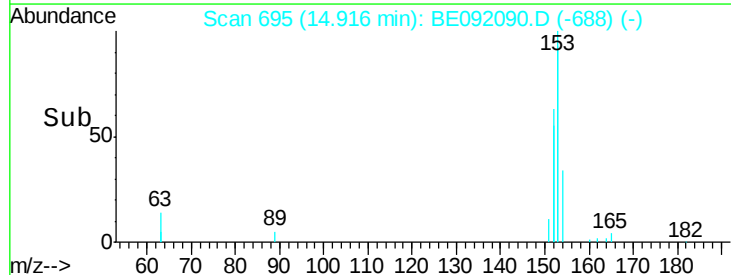
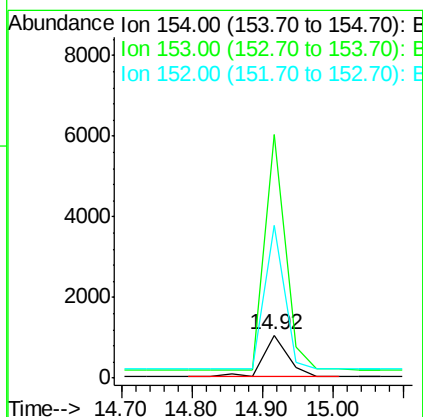
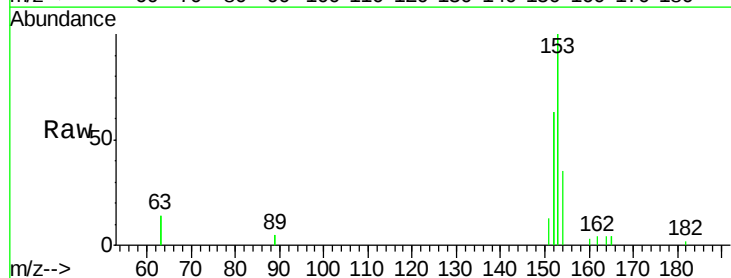
Instrument :
 BNA_E
 ClientSampleId :

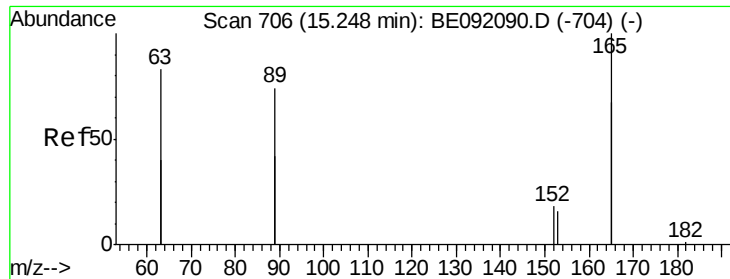
Tot Ion:165 Resp: 11822
 Ion Ratio Lower Upper
 165 100
 63 0.0 0.0 0.0
 89 0.0 0.0 0.0



#20
 Acenaphthene
 Concen: 0.45 ng
 RT: 14.92 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

Tgt Ion:154 Resp: 2346
 Ion Ratio Lower Upper
 154 100
 153 499.7 345.1 517.7
 152 289.0 0.0 0.0#

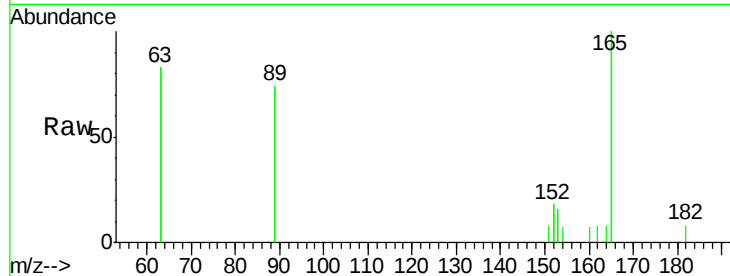




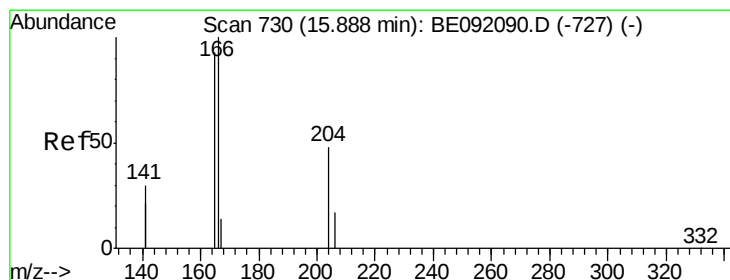
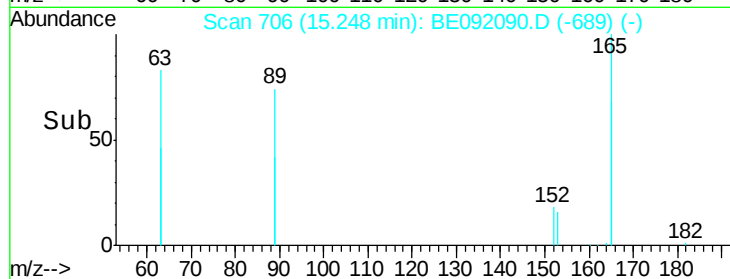
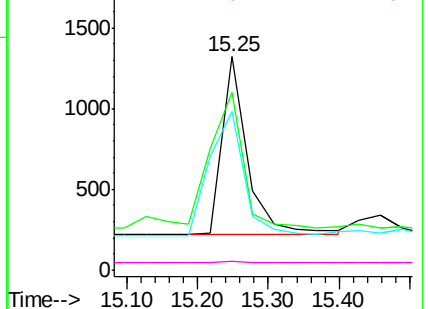
#21
2,4-Dinitrotoluene
Concen: 0.43 ng
RT: 15.25 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:165 Resp: 2786
Ion Ratio Lower Upper
165 100
63 107.3 324.0 486.0#
89 94.0 308.4 462.6#
182 0.0 0.0 0.0

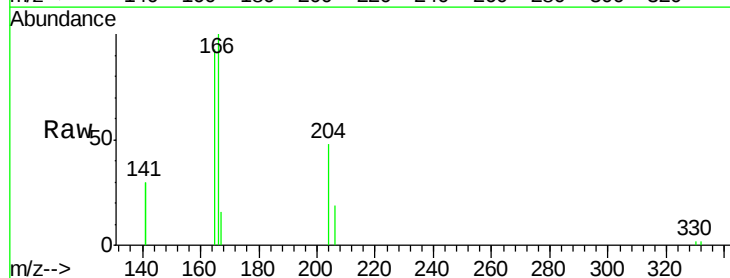


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

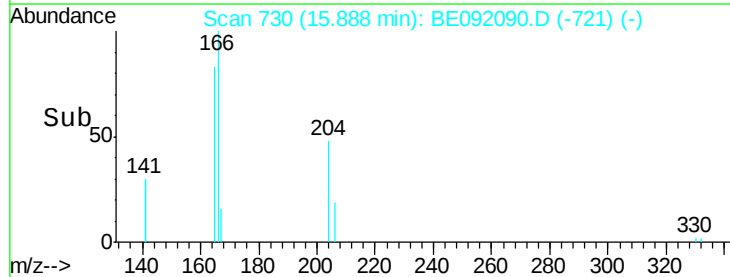
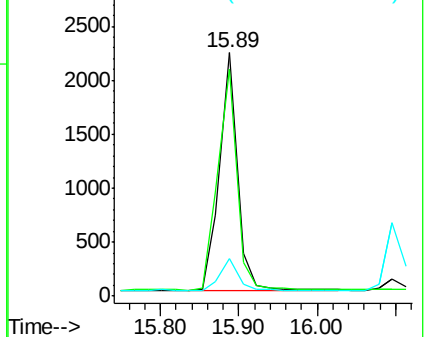


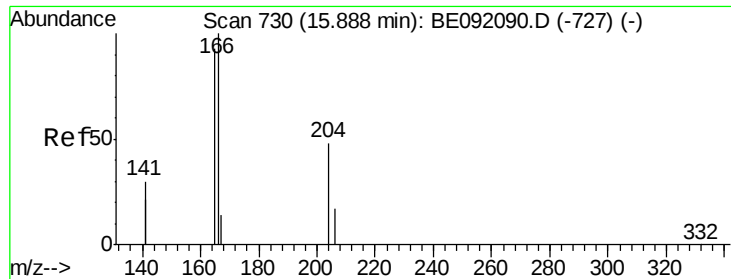
#22
Fluorene
Concen: 0.42 ng
RT: 15.89 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Tgt Ion:166 Resp: 3475
Ion Ratio Lower Upper
166 100
165 99.6 78.6 118.0
167 13.8 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

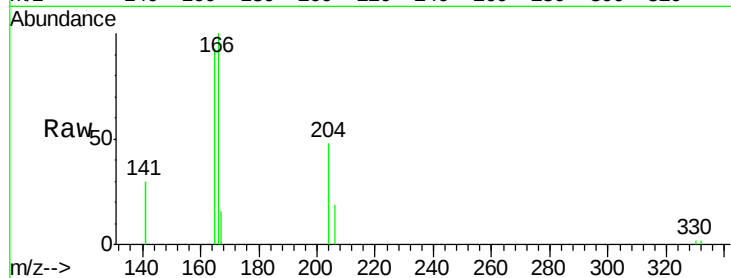




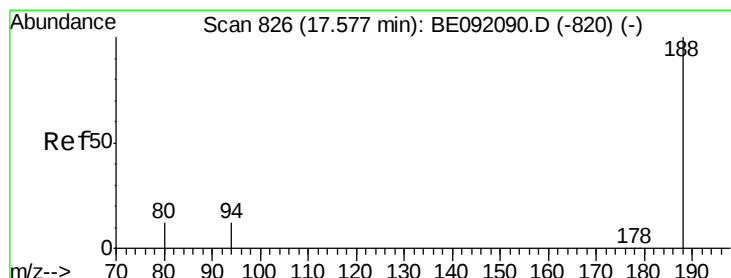
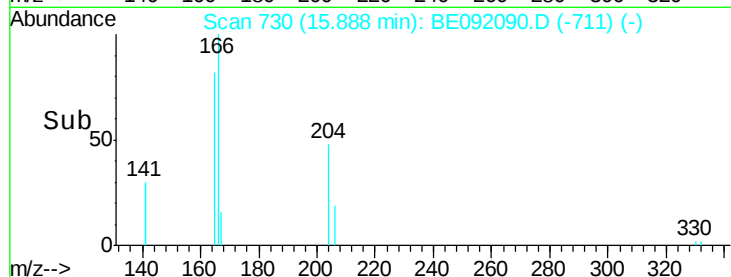
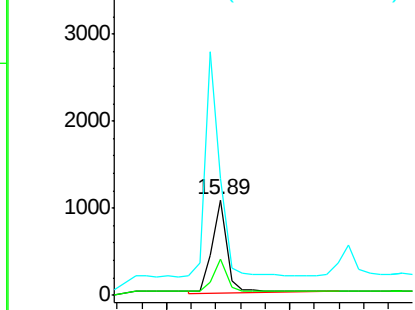
#23
 4-Chlorophenyl-phenylether
 Concen: 0.48 ng
 RT: 15.89 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:204 Resp: 1943
 Ion Ratio Lower Upper
 204 100
 206 38.8 27.0 40.4
 141 283.7 198.5 297.7

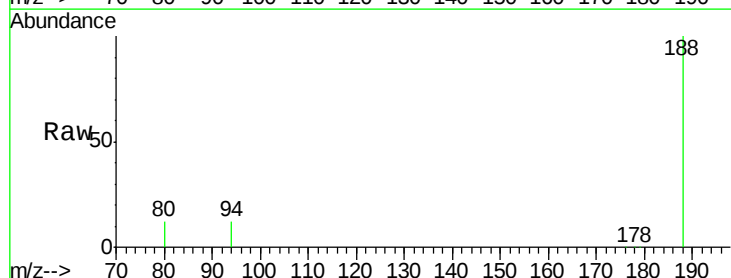


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

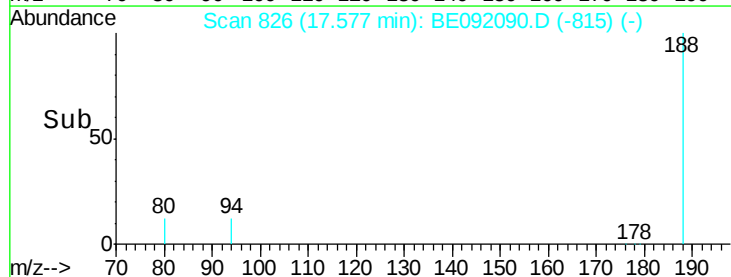
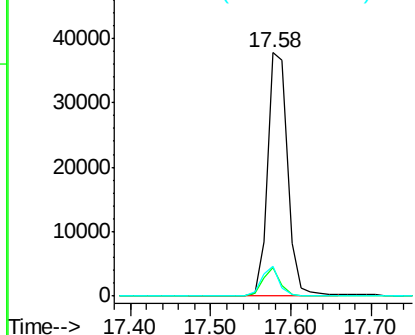


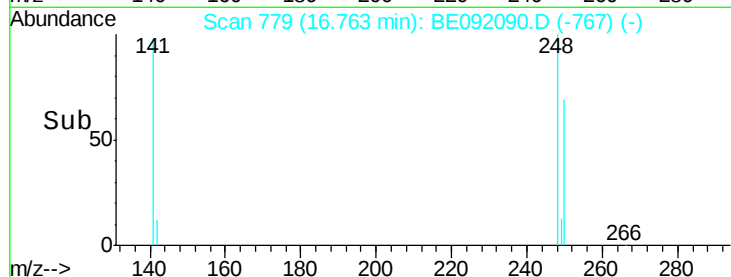
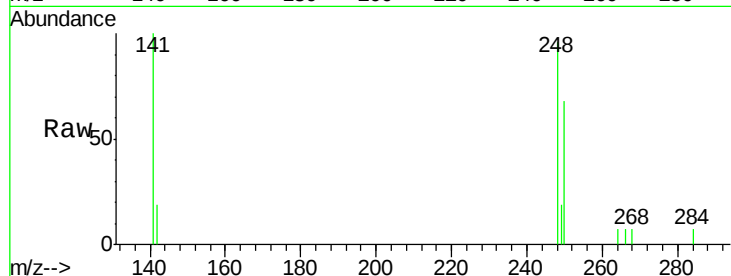
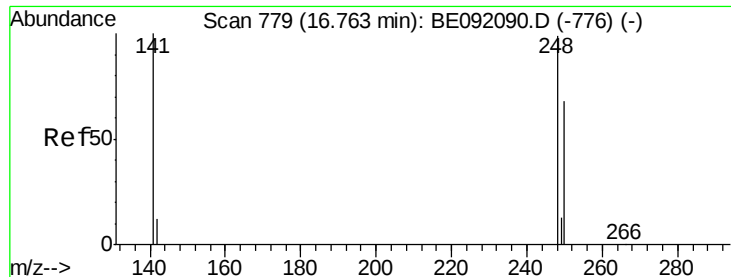
#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

Tgt Ion:188 Resp: 80880
 Ion Ratio Lower Upper
 188 100
 94 11.9 3.9 5.9#
 80 12.0 3.4 5.0#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE0
 Ion 80.00 (79.70 to 80.70): BE0

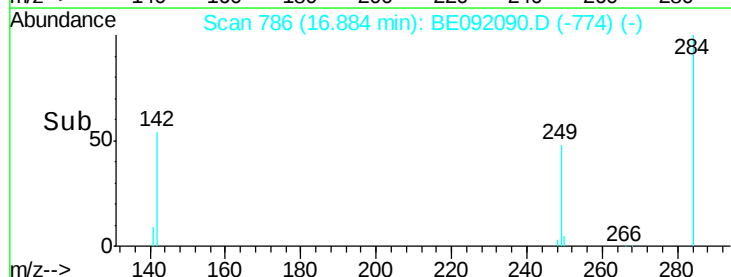
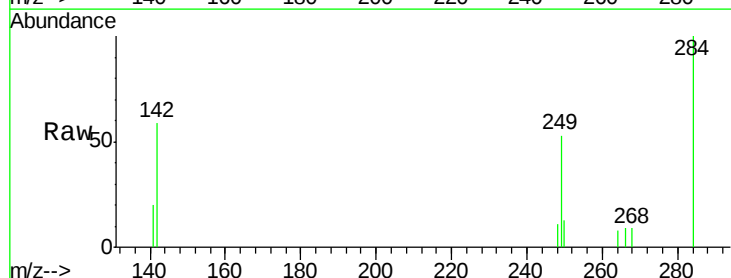
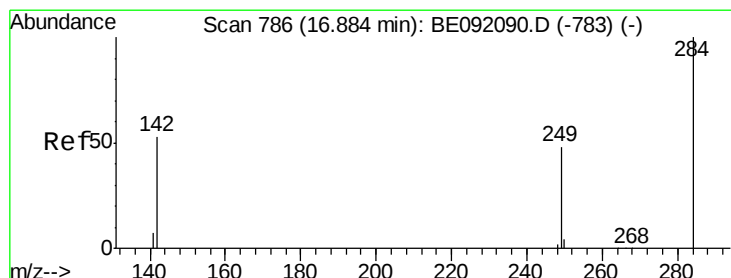
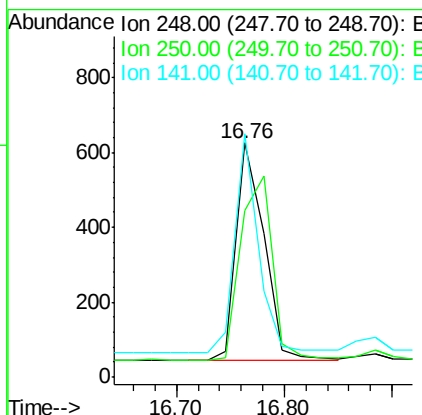




#25
4-Bromophenyl-phenylether
Concen: 0.31 ng
RT: 16.76 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

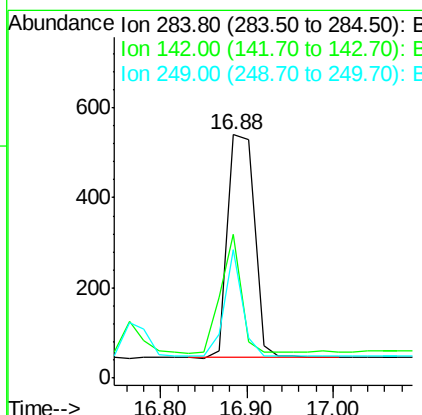
Instrument :
BNA_E
ClientSampleId :

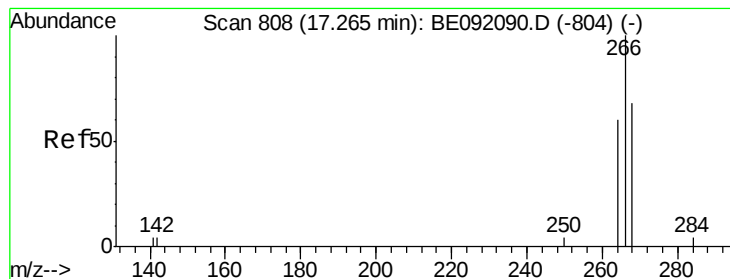
Tot Ion:248 Resp: 1028
Ion Ratio Lower Upper
248 100
250 97.4 79.6 119.4
141 86.3 68.7 103.1



#26
Hexachlorobenzene
Concen: 0.31 ng
RT: 16.88 min Scan# 786
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Tgt Ion:284 Resp: 1064
Ion Ratio Lower Upper
284 100
142 41.3 33.3 49.9
249 32.5 25.4 38.0





#27

Pentachlorophenol

Concen: 0.13 ng

RT: 17.27 min Scan# 808

Delta R.T. 0.00 min

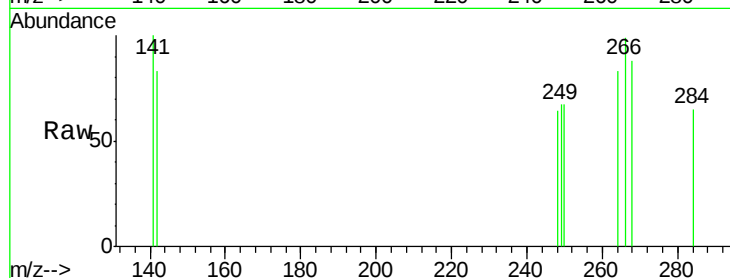
Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :



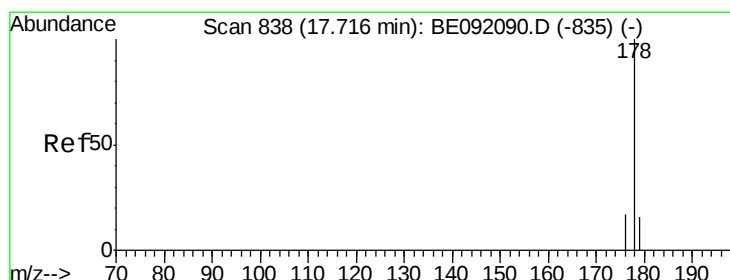
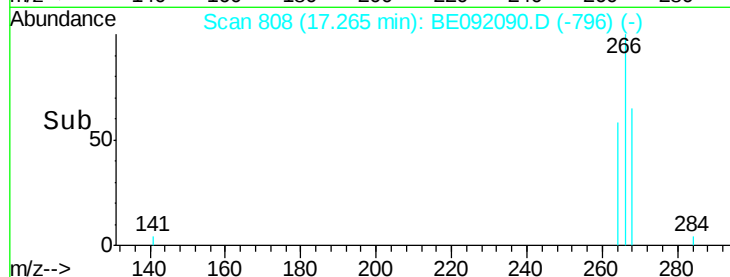
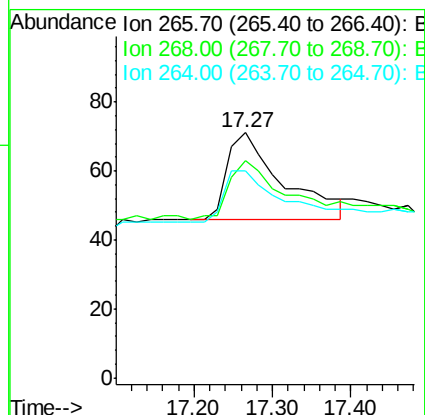
Tot Ion:266 Resp: 124

Ion Ratio Lower Upper

266 100

268 88.7 62.7 94.1

264 84.5 63.5 95.3



#28

Phenanthrene

Concen: 0.29 ng

RT: 17.72 min Scan# 838

Delta R.T. 0.09 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

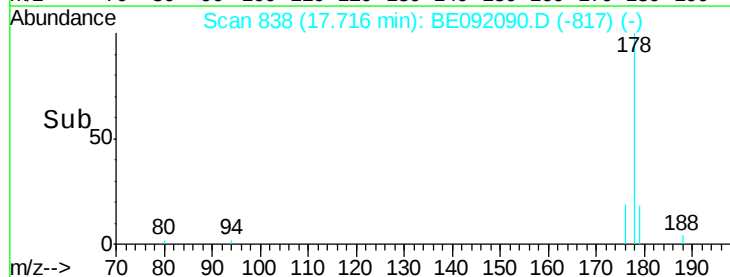
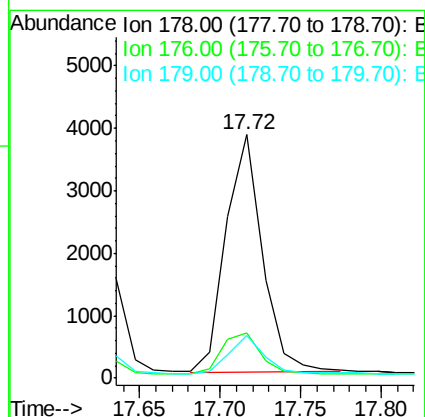
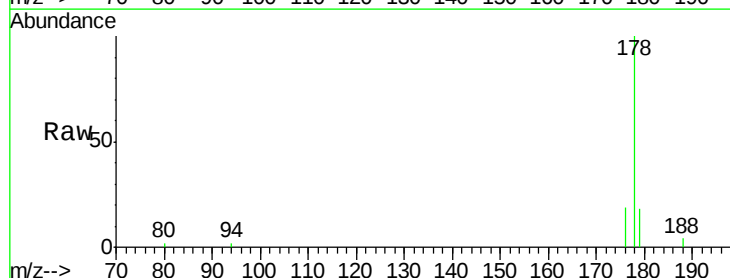
Tgt Ion:178 Resp: 5994

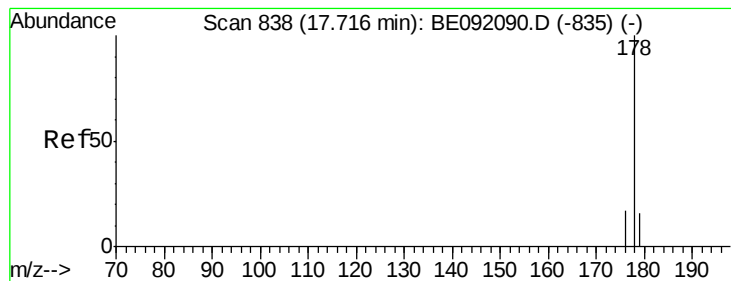
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.7 12.7 19.1





#29

Anthracene

Concen: 0.33 ng

RT: 17.72 min Scan# 838

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :

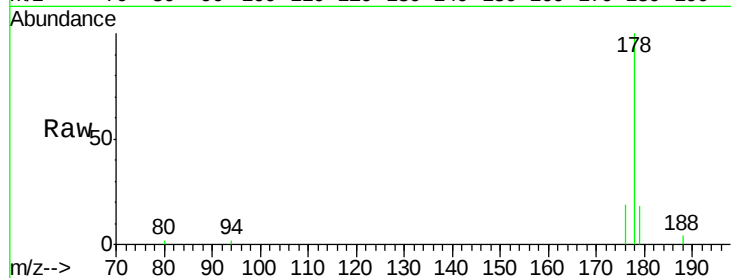
Tot Ion:178 Resp: 6176

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

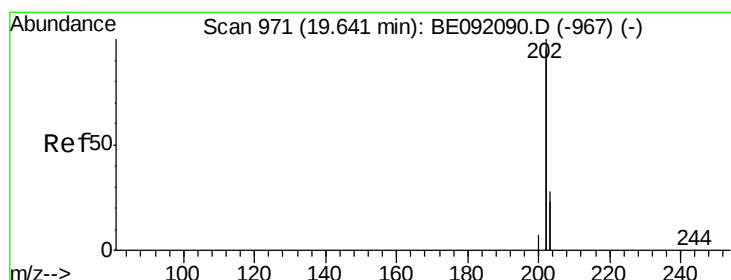
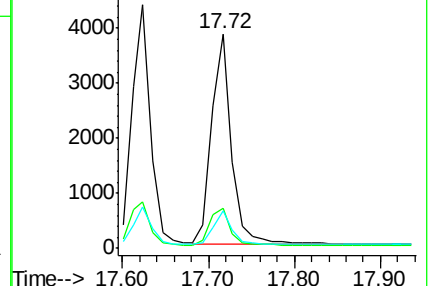
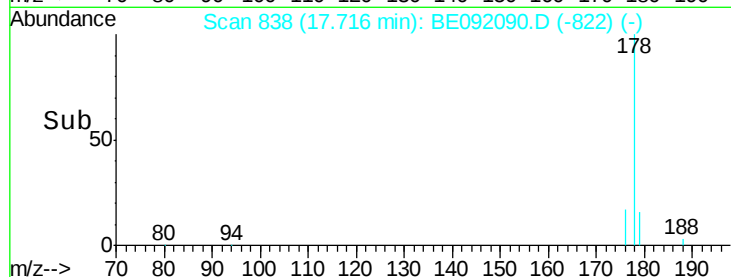
179 15.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#30

Fluoranthene

Concen: 0.28 ng

RT: 19.64 min Scan# 971

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

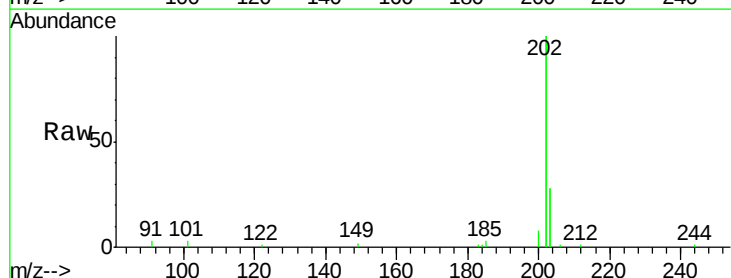
Tgt Ion:202 Resp: 25723

Ion Ratio Lower Upper

202 100

101 0.0 2.2 3.2#

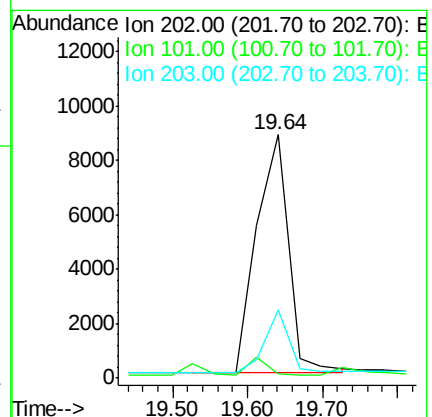
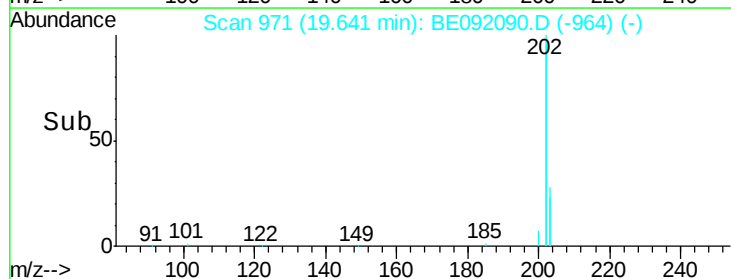
203 19.7 13.0 19.4#

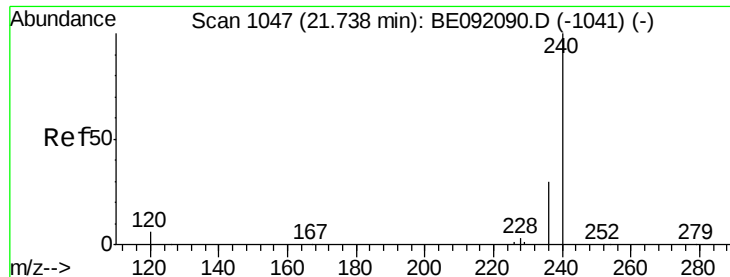


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

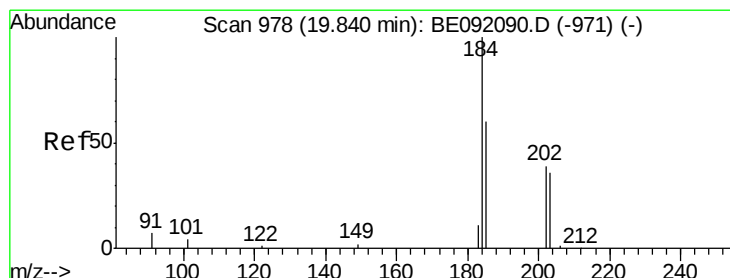
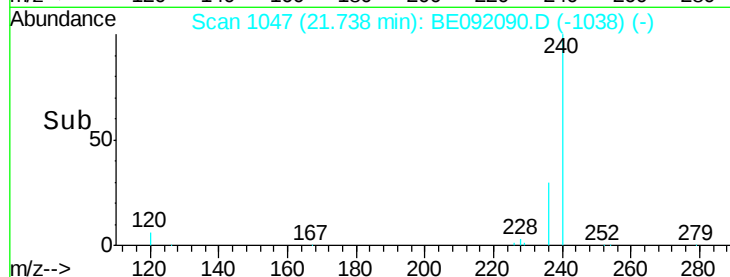
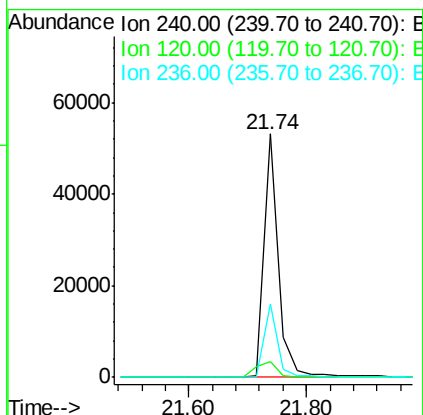
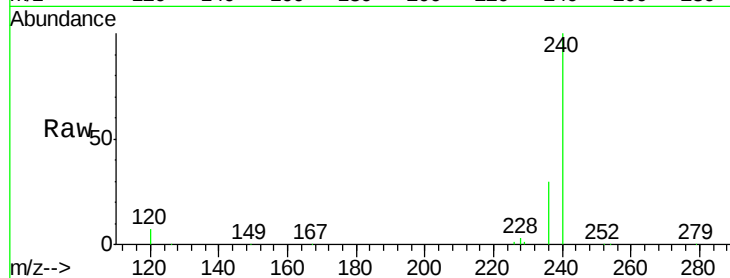




#31
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.74 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

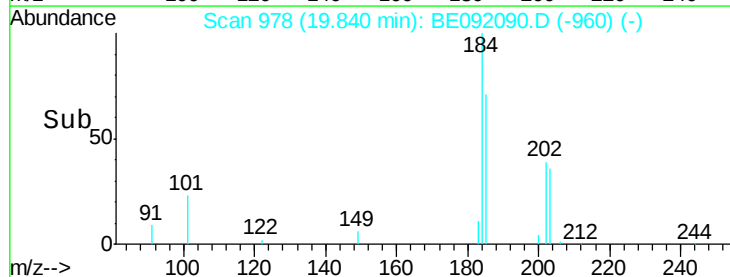
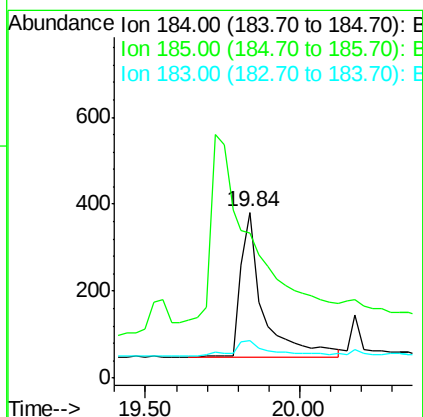
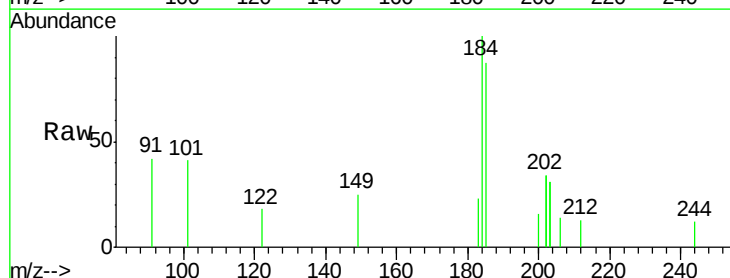
Instrument :
 BNA_E
 ClientSampleId :

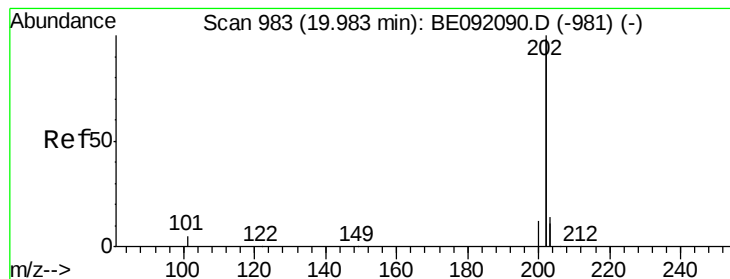
Tot Ion:240 Resp: 89774
 Ion Ratio Lower Upper
 240 100
 120 6.6 0.6 1.0#
 236 30.4 18.2 27.4#



#32
 Benzidine
 Concen: 0.38 ng
 RT: 19.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

Tgt Ion:184 Resp: 1657
 Ion Ratio Lower Upper
 184 100
 185 87.2 23.8 35.6#
 183 22.5 20.7 31.1





#33

Pvrene

Concen: 0.34 ng

RT: 19.98 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :

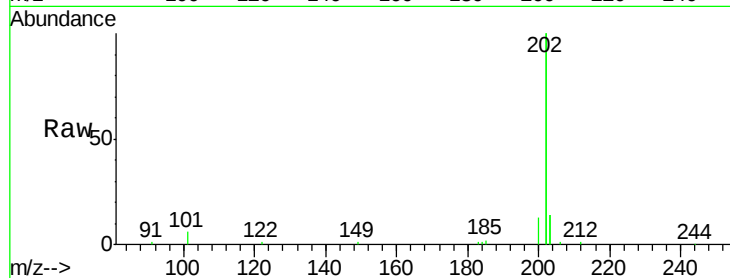
Tot Ion:202 Resp: 39681

Ion Ratio Lower Upper

202 100

200 5.9 4.4 6.6

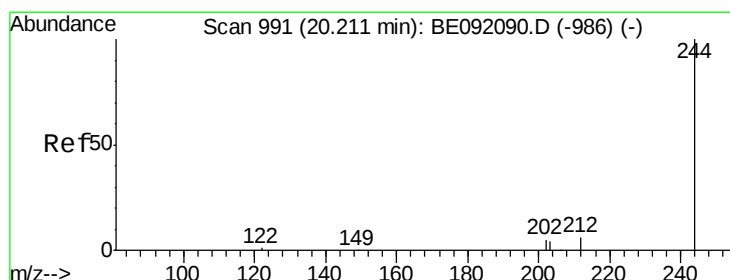
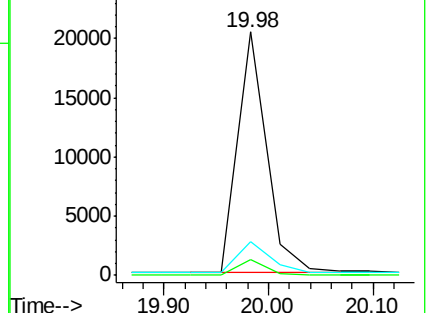
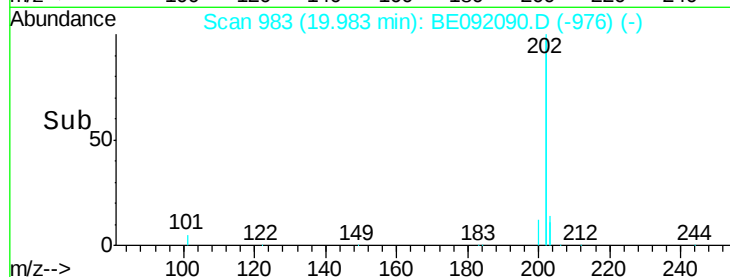
203 14.7 13.4 20.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 0.37 ng

RT: 20.21 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

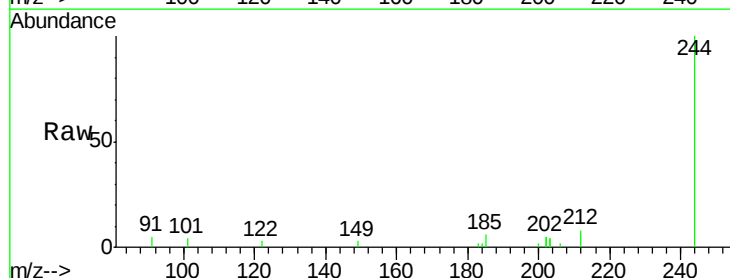
Tgt Ion:244 Resp: 6200

Ion Ratio Lower Upper

244 100

212 8.0 9.1 13.7#

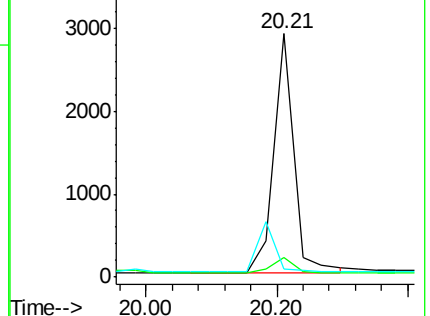
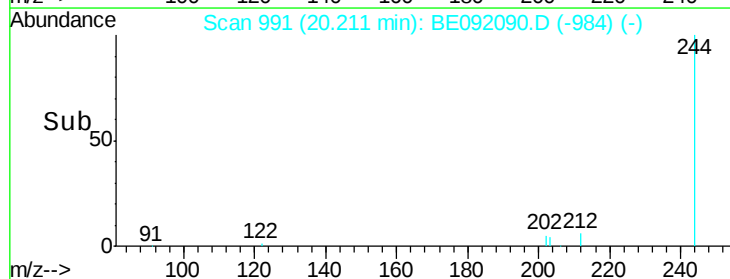
122 3.3 11.0 16.4#

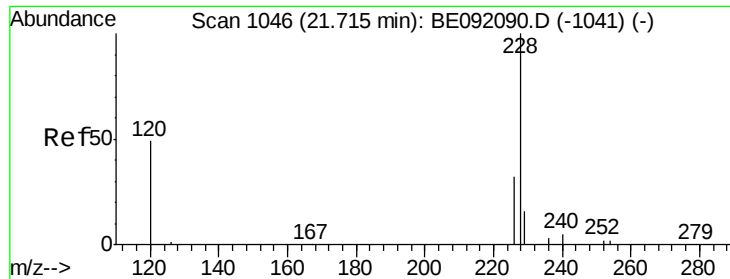


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

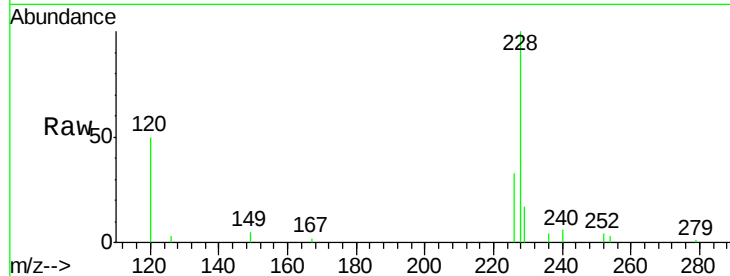




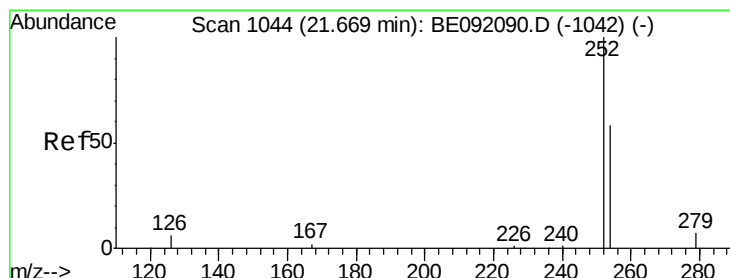
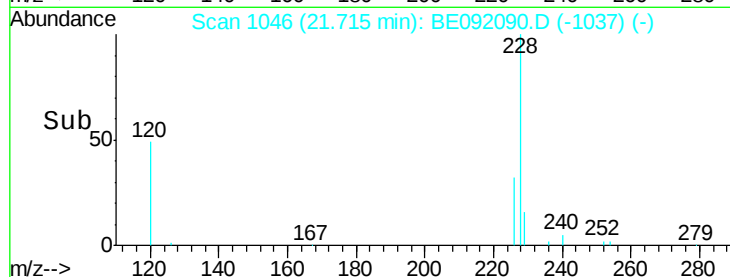
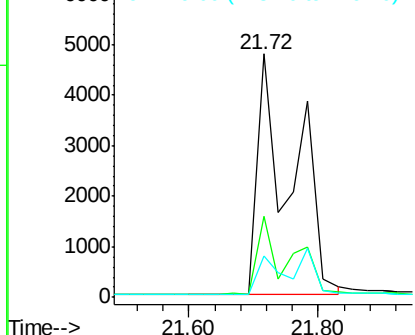
#35
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.72 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 17634
Ion Ratio Lower Upper
228 100
226 33.1 22.1 33.1
229 16.9 15.1 22.7

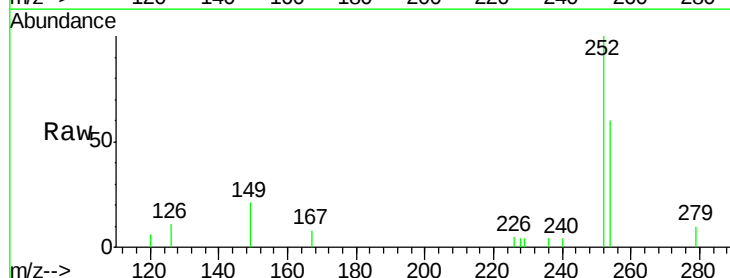


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

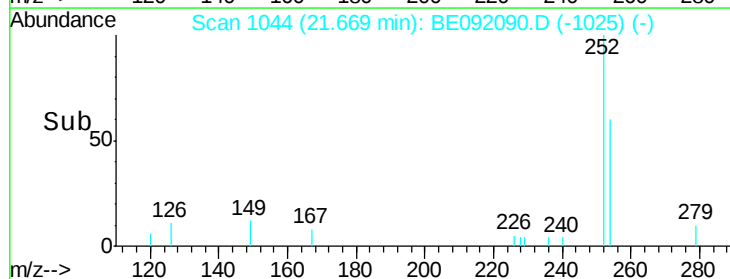
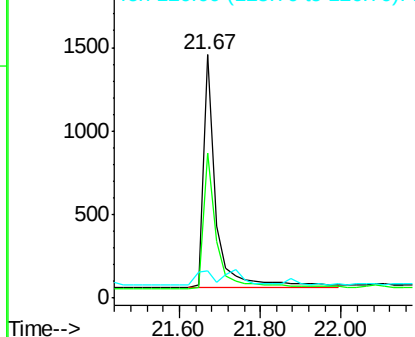


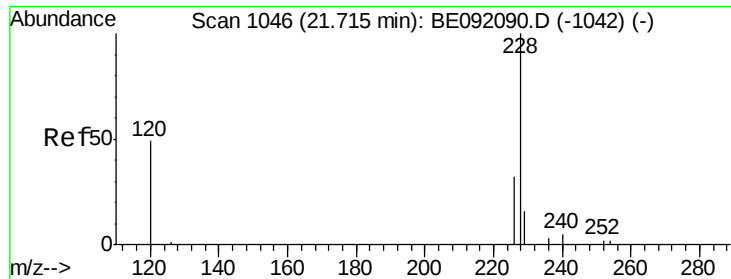
#36
3,3'-Dichlorobenzidine
Concen: 0.37 ng
RT: 21.67 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BE092090.D
Acq: 1 Aug 2016 13:04

Tgt Ion:252 Resp: 3064
Ion Ratio Lower Upper
252 100
254 59.7 44.2 66.2
126 11.3 10.6 15.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

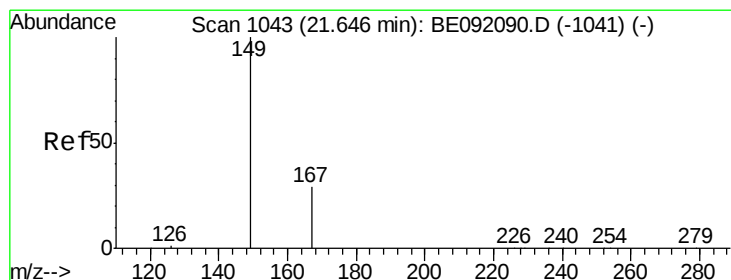
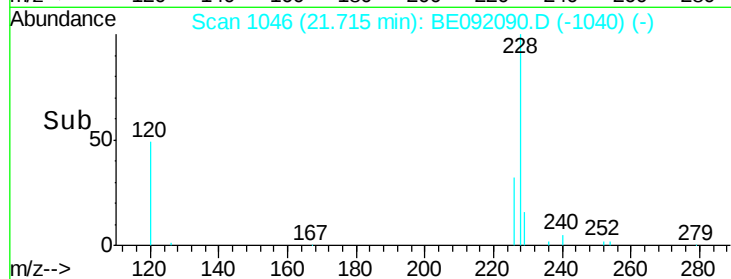
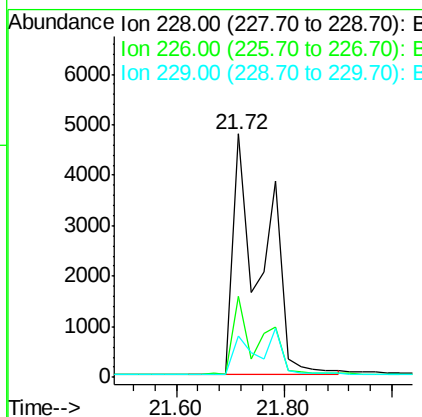
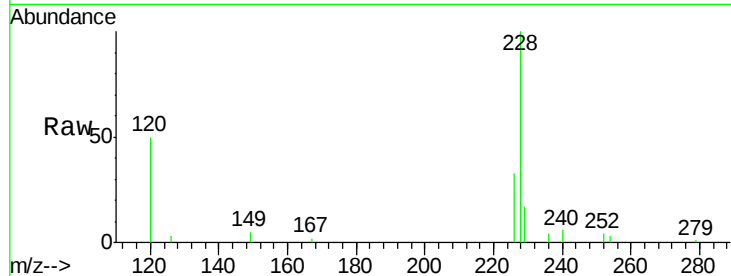




#37
 Chrysene
 Concen: 0.49 ng
 RT: 21.72 min Scan# 1046
 Delta R.T. -0.07 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

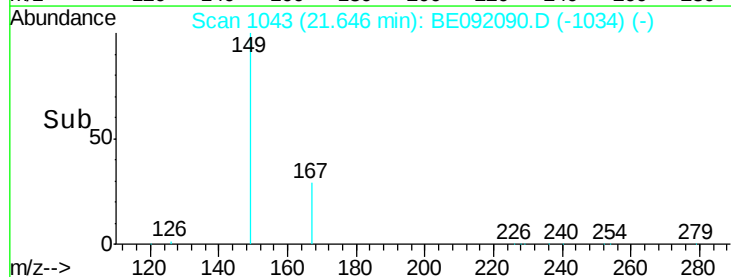
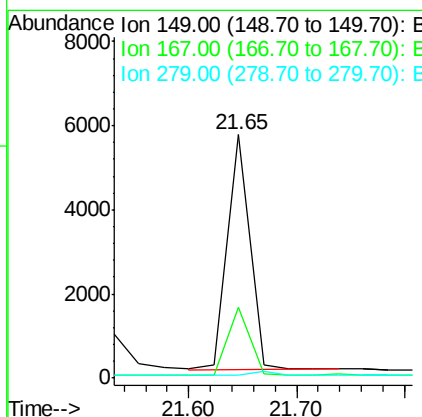
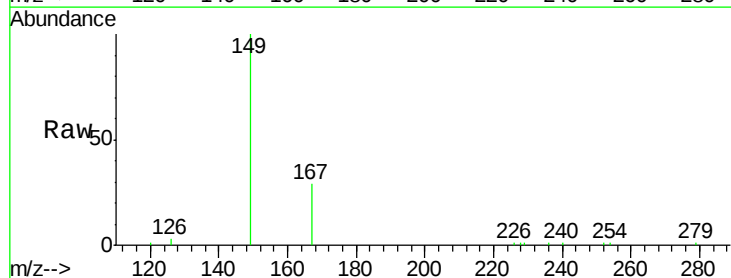
Instrument :
 BNA_E
 ClientSampleId :

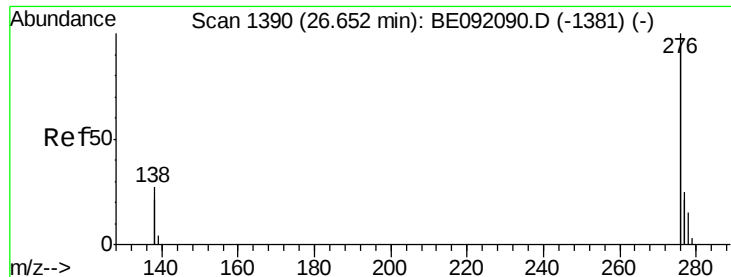
Tot Ion:228 Resp: 17993
 Ion Ratio Lower Upper
 228 100
 226 33.1 22.3 33.5
 229 16.9 16.9 25.3#



#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.65 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

Tgt Ion:149 Resp: 8146
 Ion Ratio Lower Upper
 149 100
 167 28.8 3.8 5.6#
 279 0.0 0.0 0.0

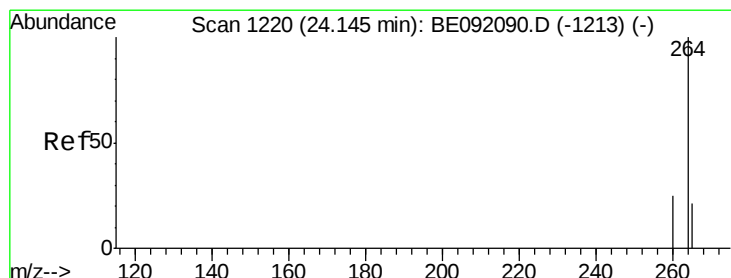
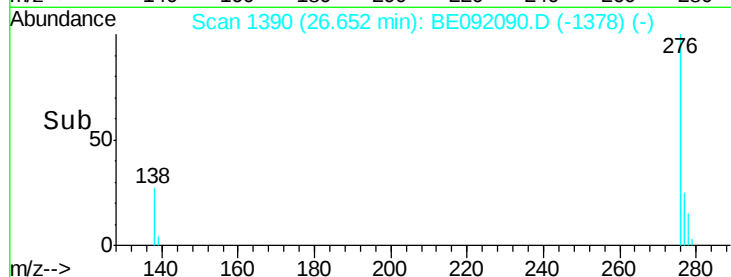
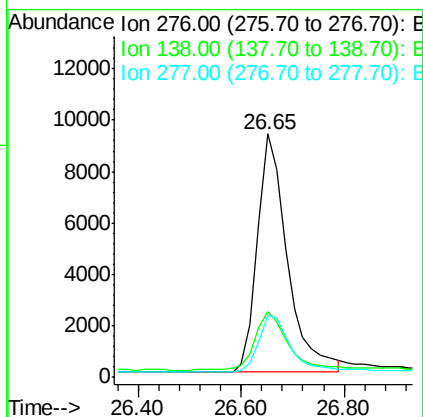
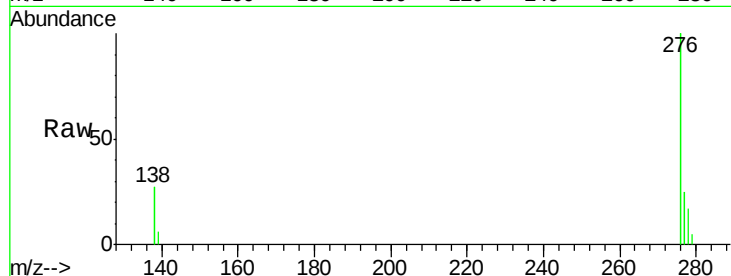




#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.35 ng
 RT: 26.65 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

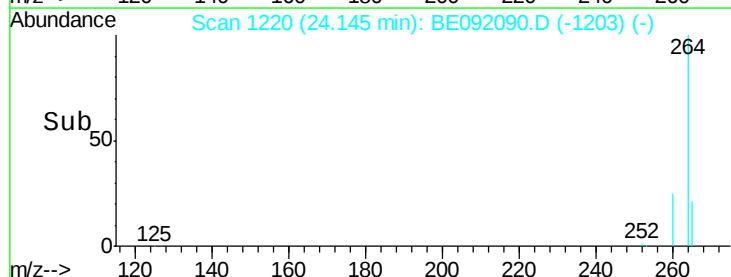
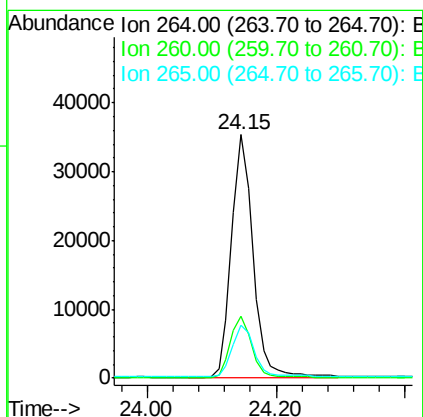
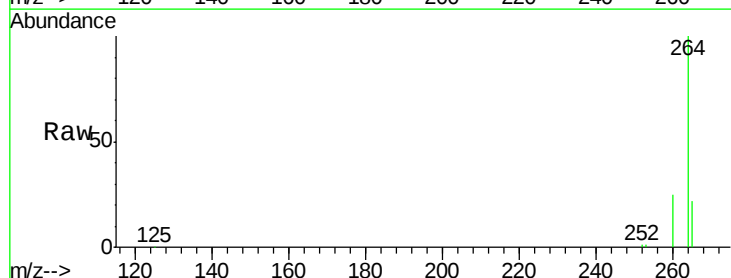
Instrument :
 BNA_E
 ClientSampleId :

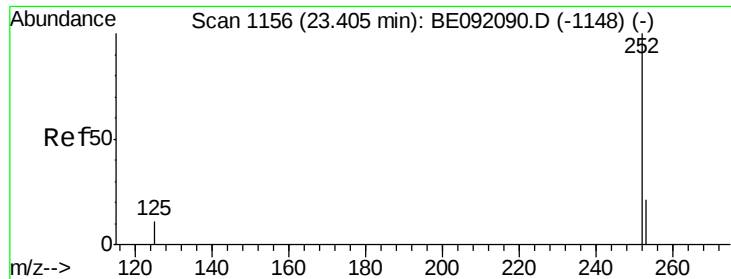
Tot Ion:276 Resp: 37128
 Ion Ratio Lower Upper
 276 100
 138 26.2 21.2 31.8
 277 24.8 19.8 29.8



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BE092090.D
 Acq: 1 Aug 2016 13:04

Tgt Ion:264 Resp: 82093
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.8 31.2
 265 21.6 16.6 25.0





#41

Benzo(b)fluoranthene

Concen: 0.34 ng

RT: 23.41 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :

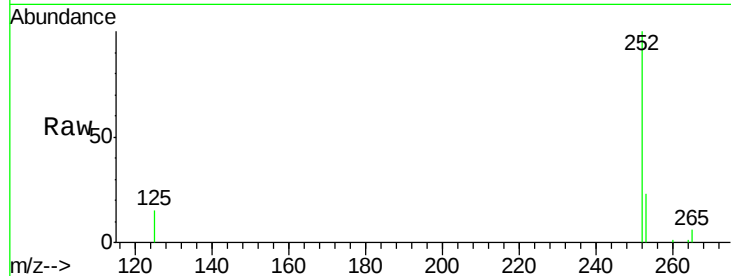
Tot Ion:252 Resp: 8537

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 14.6 10.2 15.2

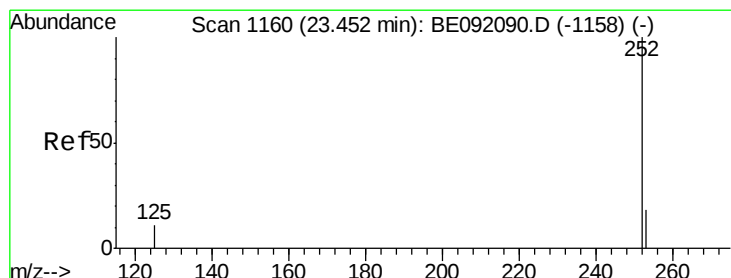
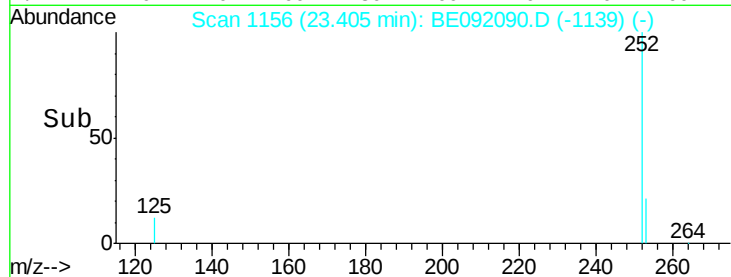
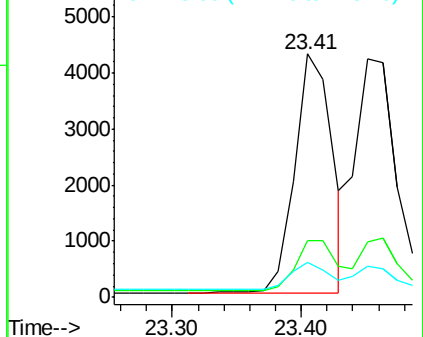


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#42

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.45 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

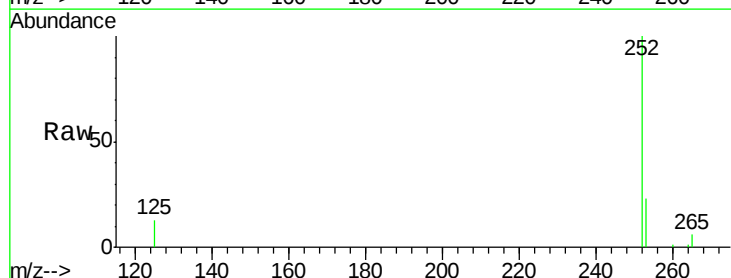
Tgt Ion:252 Resp: 9599

Ion Ratio Lower Upper

252 100

253 23.1 19.4 29.0

125 13.3 8.9 13.3

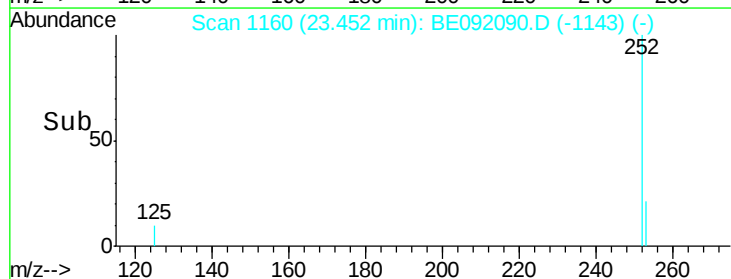
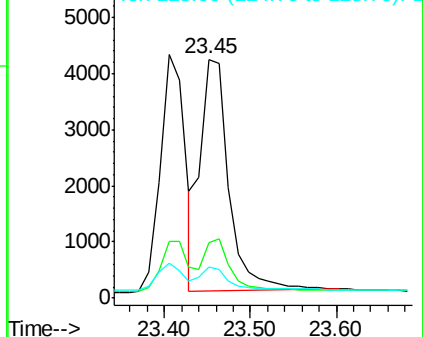


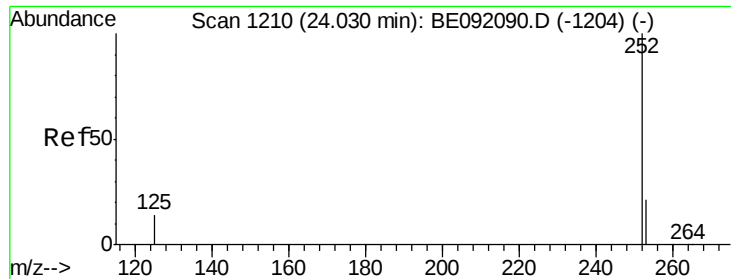
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.39 ng

RT: 24.03 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :

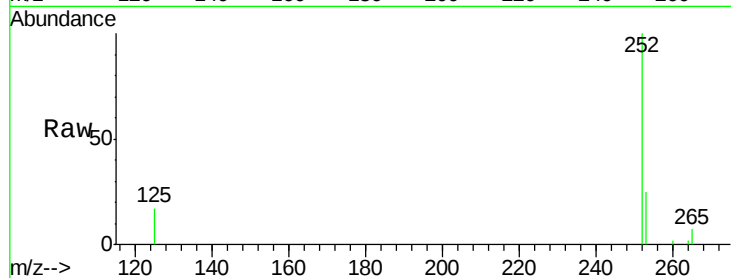
Tot Ion:252 Resp: 8192

Ion Ratio Lower Upper

252 100

253 24.6 19.8 29.8

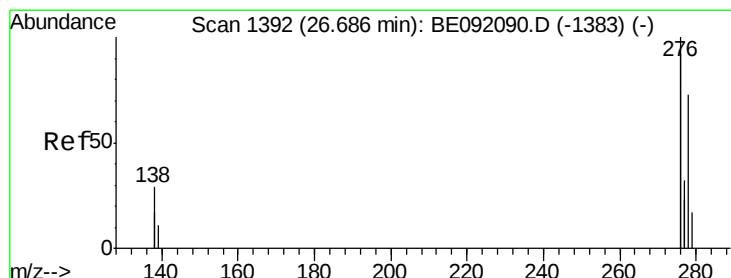
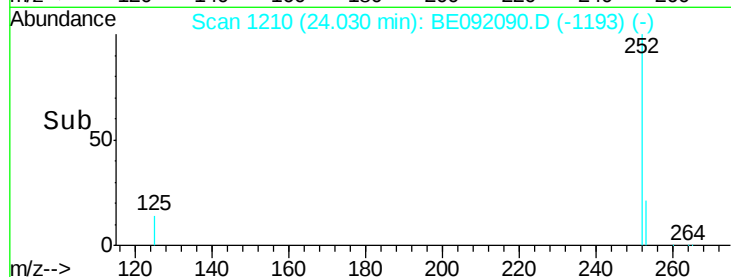
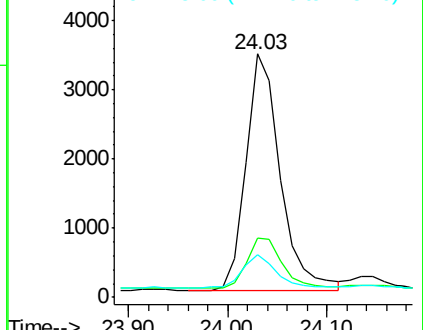
125 17.3 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#44

Dibenzo(a,h)anthracene

Concen: 0.41 ng

RT: 26.69 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

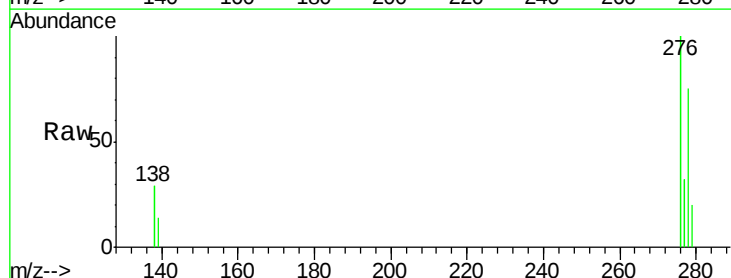
Tgt Ion:278 Resp: 7522

Ion Ratio Lower Upper

278 100

139 18.6 16.7 25.1

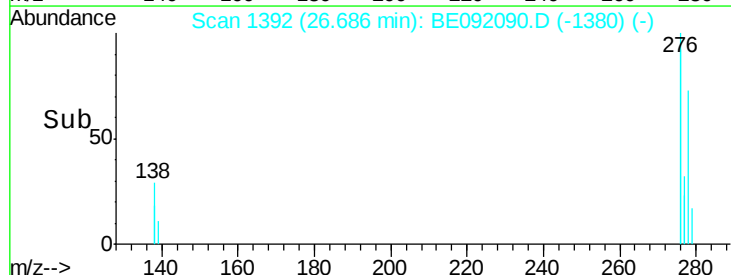
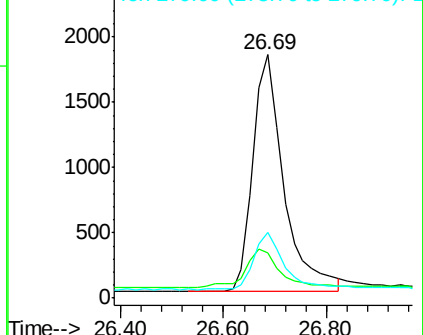
279 26.8 20.3 30.5

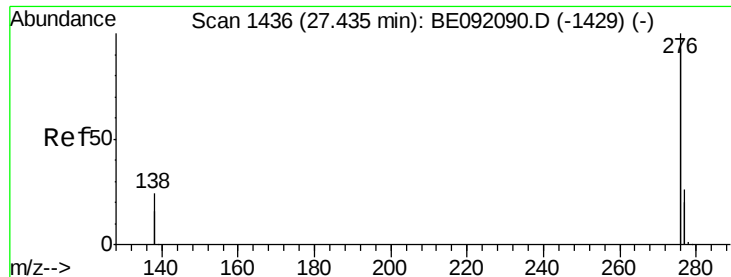


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(a,h,i)perylene

Concen: 0.43 ng

RT: 27.44 min Scan# 1436

Delta R.T. 0.00 min

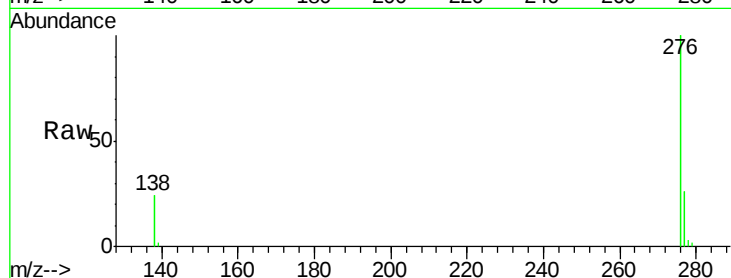
Lab File: BE092090.D

Acq: 1 Aug 2016 13:04

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 32402

Ion Ratio Lower Upper

276 100

277 26.3 19.5 29.3

138 23.6 20.8 31.2

