

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052516\
 Data File : BE091872.D
 Acq On : 25 May 2016 23:34
 Operator : UM/SJ
 Sample : H3156-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517

Quant Time: May 26 01:38:46 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 19:42:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	30392	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	155555	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	95216	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	276730	5.00	ng	-0.01
31) Chrysene-d12	21.29	240	280945	5.00	ng	0.00
40) Perylene-d12	23.72	264	257671	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	51990	5.98	ng	0.00
5) Phenol-d6	6.96	99	86505	7.59	ng	0.00
9) Nitrobenzene-d5	8.91	82	38889	3.08	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	29155	6.87	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	113909	4.02	ng	-0.02
34) Terphenyl-d14	19.74	244	181125	4.27	ng	0.00

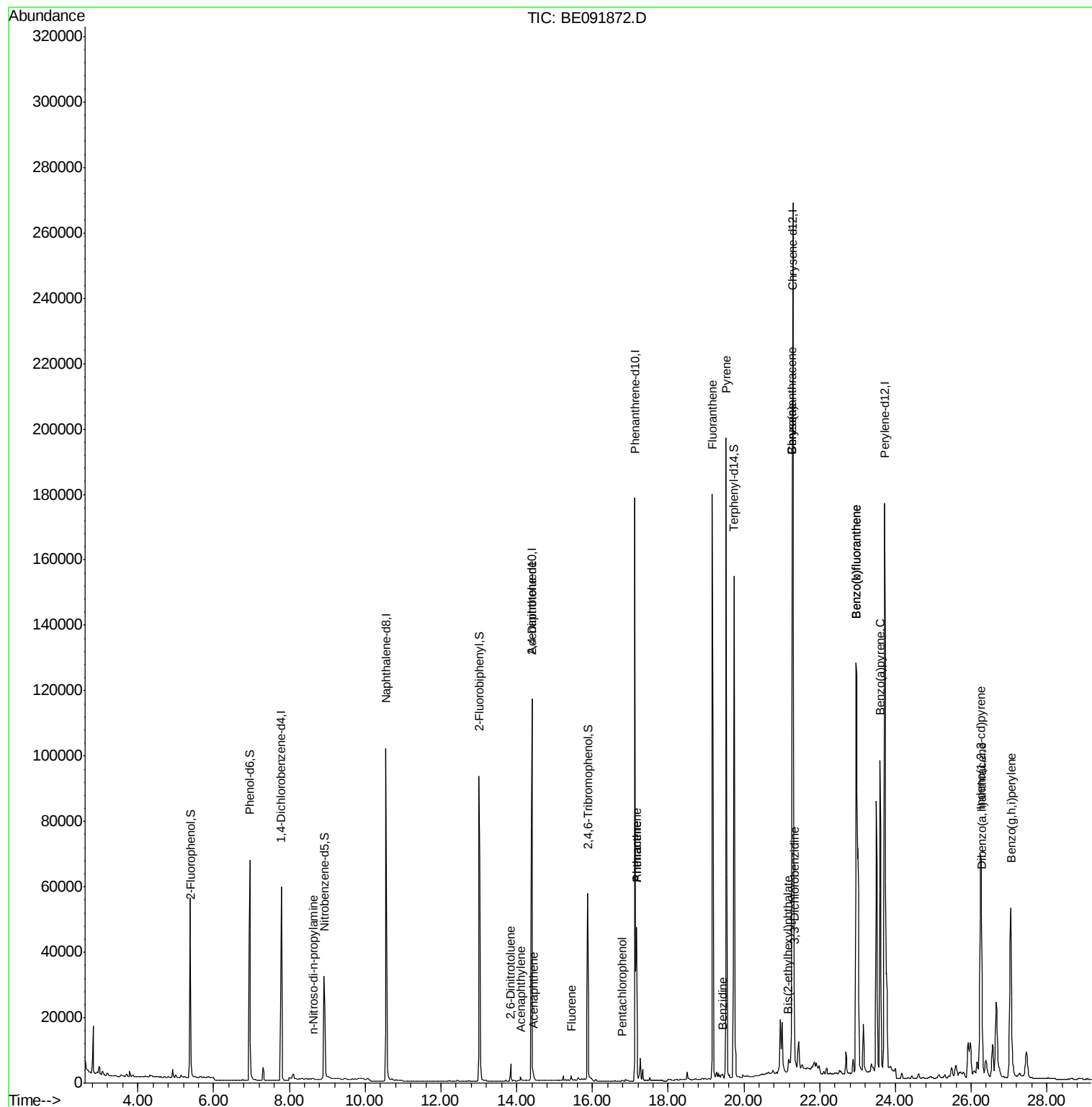
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) n-Nitroso-di-n-propylamine	8.64	70	217	0.02	ng	# 19
18) Acenaphthylene	14.10	152	2894	0.04	ng	# 64
19) 2,6-Dinitrotoluene	13.84	165	2775	0.43	ng	# 9
20) Acenaphthene	14.44	154	1426	0.02	ng	# 80
21) 2,4-Dinitrotoluene	14.40	165	12489	1.53	ng	# 1
22) Fluorene	15.44	166	1318	0.04	ng	# 96
23) 4-Chlorophenyl-phenylether	15.11	204	727	Below Cal		# 1
27) Pentachlorophenol	16.78	266	250	0.07	ng	94
28) Phenanthrene	17.17	178	53630	0.97	ng	100
29) Anthracene	17.17	178	53638	0.97	ng	99
30) Fluoranthene	19.17	202	228595	3.71	ng	99
32) Benzidine	19.44	184	331	0.12	ng	# 1
33) Pyrene	19.53	202	209246	3.51	ng	95
35) Benzo(a)anthracene	21.27	228	308627	4.12	ng	99
36) 3,3'-Dichlorobenzidine	21.33	252	1614	0.04	ng	# 35
37) Chrysene	21.27	228	308421	5.70	ng	# 88
38) Bis(2-ethylhexyl)phthalate	21.17	149	6261	0.23	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.25	276	126556	1.80	ng	95
41) Benzo(b)fluoranthene	22.96	252	328143	4.72	ng	99
42) Benzo(k)fluoranthene	22.96	252	328143	5.20	ng	97
43) Benzo(a)pyrene	23.60	252	145536	2.31	ng	97
44) Dibenzo(a,h)anthracene	26.27	278	28922	0.48	ng	# 94
45) Benzo(g,h,i)perylene	27.05	276	131511	2.15	ng	98

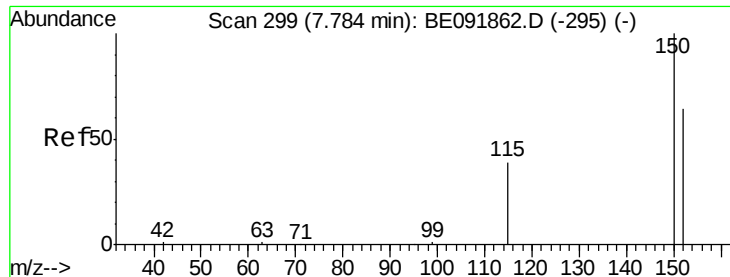
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052516\
Data File : BE091872.D
Acq On : 25 May 2016 23:34
Operator : UM/SJ
Sample : H3156-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SP-001-160517

Quant Time: May 26 01:38:46 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 19:42:30 2016
Response via : Initial Calibration

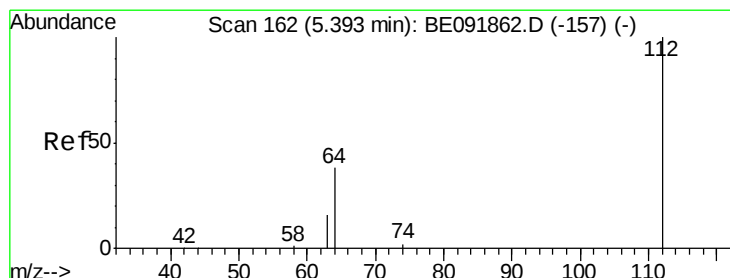
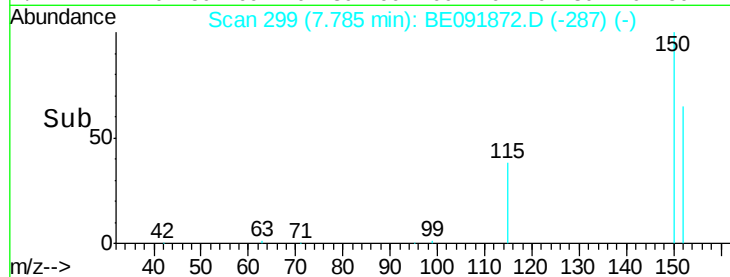
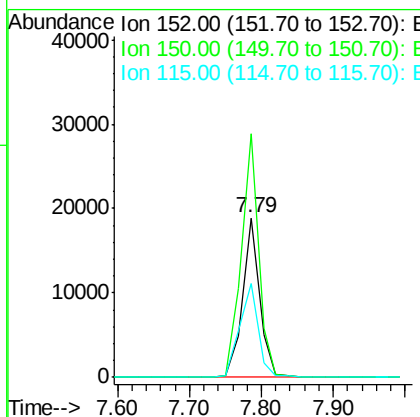
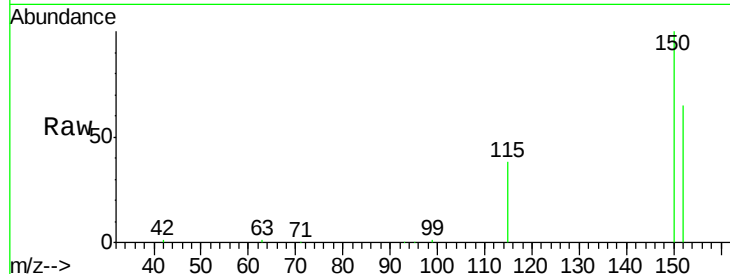




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.79 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: BE091872.D
 Acq: 25 May 2016 23:34

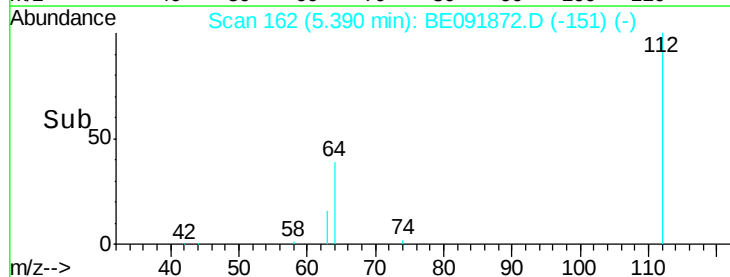
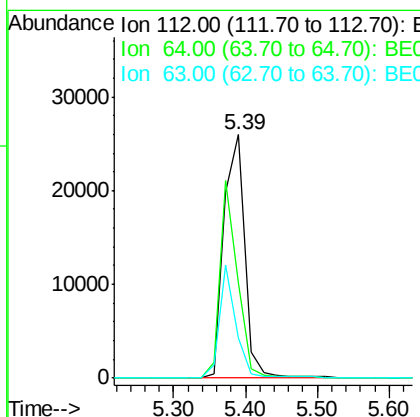
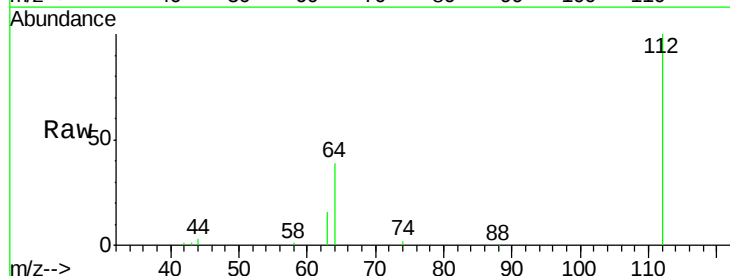
Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517

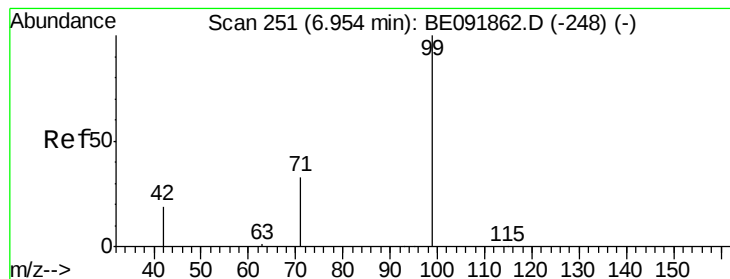
Tgt Ion:152 Resp: 30392
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.9 185.9
 115 58.7 48.3 72.5



#4
 2-Fluorophenol
 Concen: 5.98 ng
 RT: 5.39 min Scan# 162
 Delta R.T. -0.00 min
 Lab File: BE091872.D
 Acq: 25 May 2016 23:34

Tgt Ion:112 Resp: 51990
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.7 80.5
 63 36.4 29.5 44.3





#5

Phenol-d6

Concen: 7.59 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

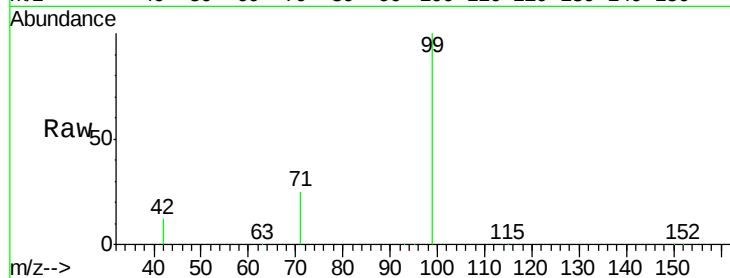
Tgt Ion: 99 Resp: 86505

Ion Ratio Lower Upper

99 100

42 22.9 19.6 29.4

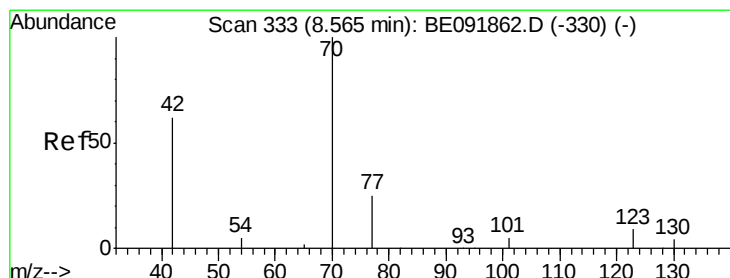
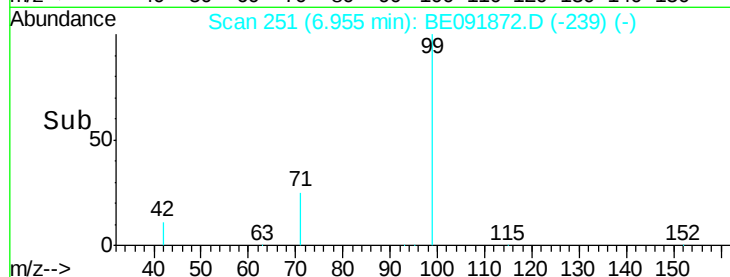
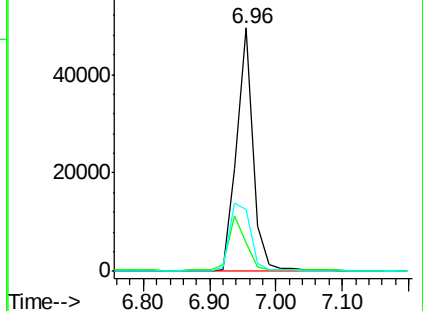
71 35.5 28.1 42.1



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



#7

n-Nitroso-di-n-propylamine

Concen: 0.02 ng

RT: 8.64 min Scan# 336

Delta R.T. 0.08 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Tgt Ion: 70 Resp: 217

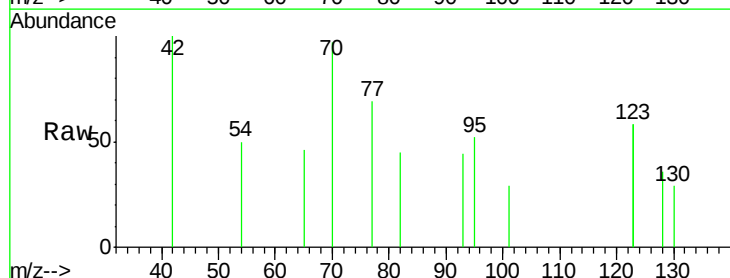
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 0.0 6.4 9.6#

130 0.0 0.0 0.0

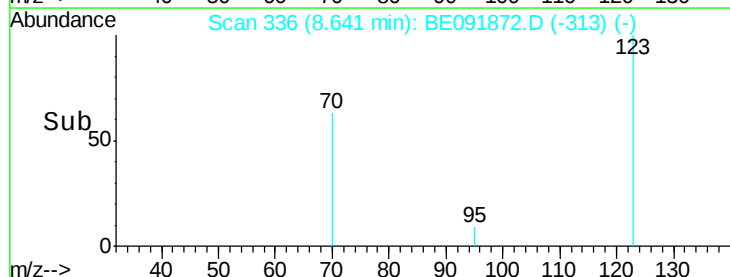
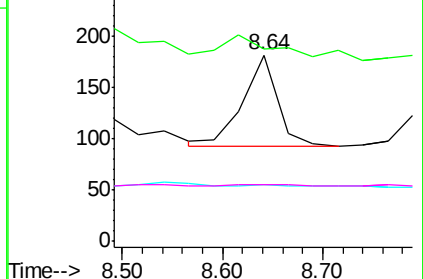


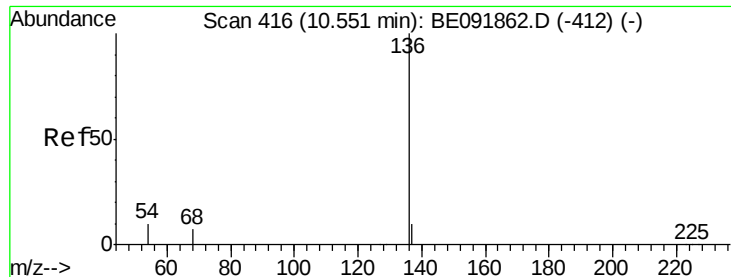
Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. -0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

Tgt Ion:136 Resp: 155555

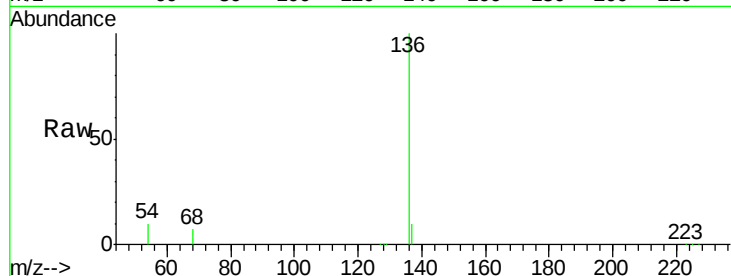
Ion Ratio Lower Upper

136 100

137 10.3 8.3 12.5

54 10.0 8.2 12.4

68 7.2 5.9 8.9

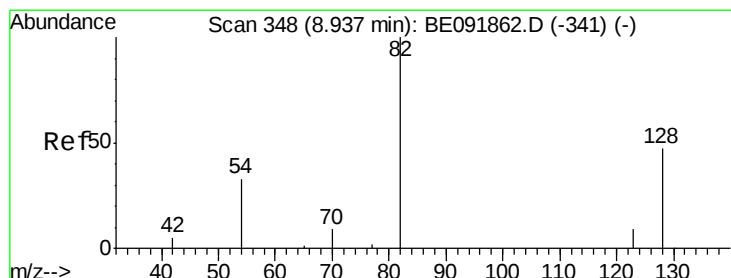
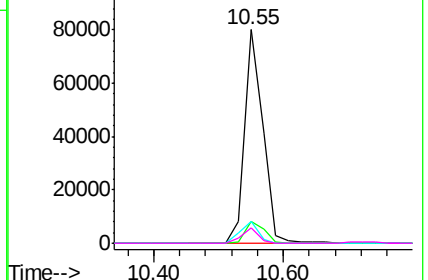
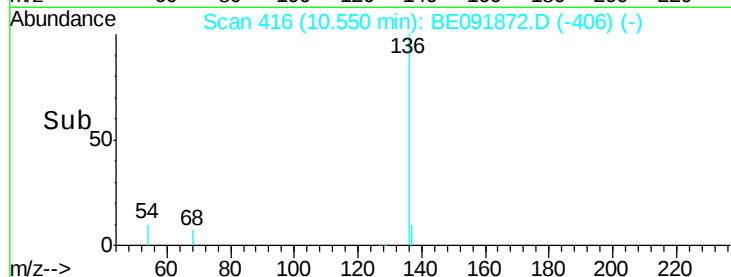


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#9

Nitrobenzene-d5

Concen: 3.08 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

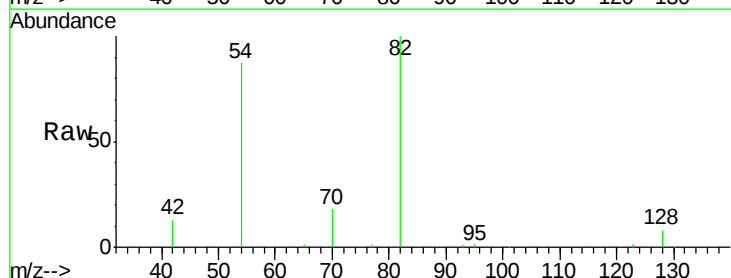
Tgt Ion: 82 Resp: 38889

Ion Ratio Lower Upper

82 100

128 8.0 39.5 59.3#

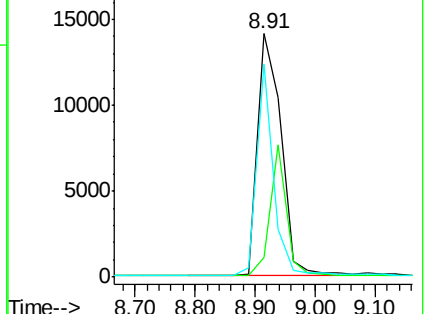
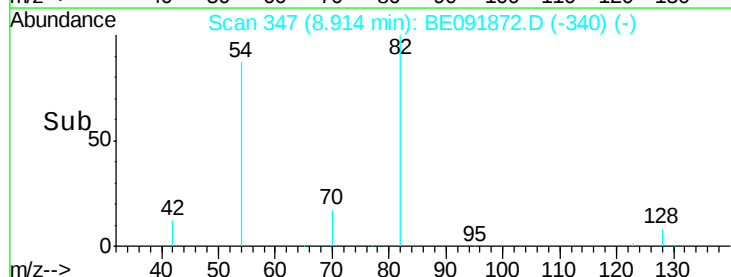
54 87.4 30.3 45.5#

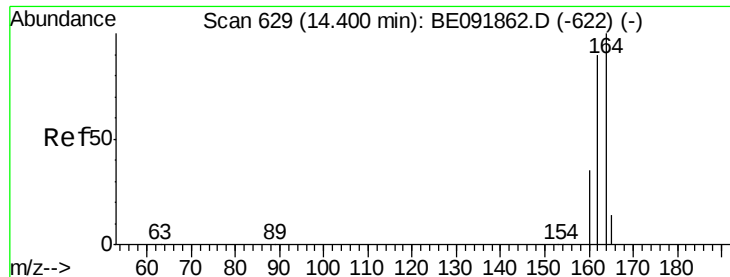


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

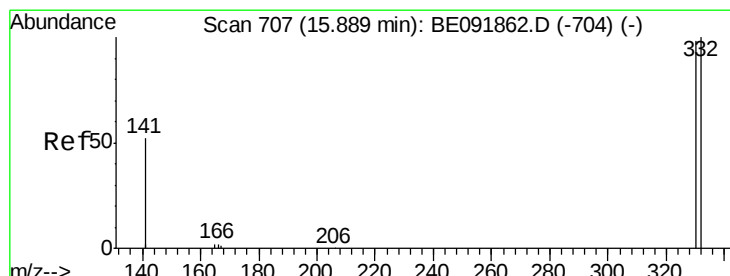
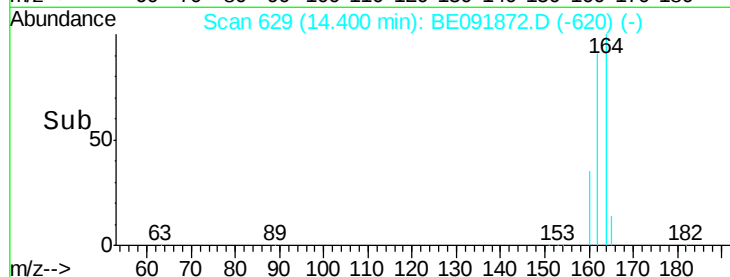
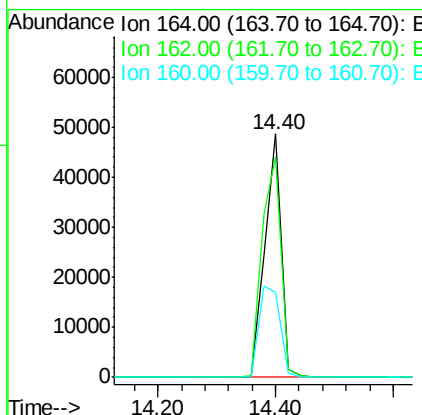
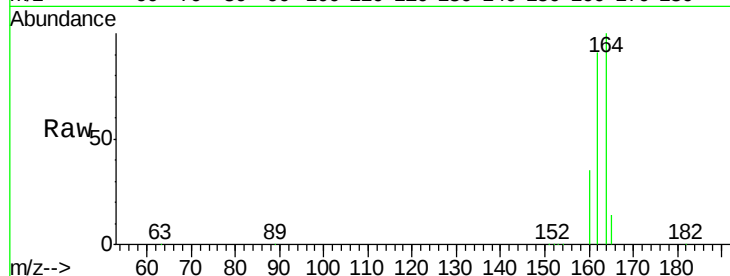




#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 629
Delta R.T. 0.00 min
Lab File: BE091872.D
Acq: 25 May 2016 23:34

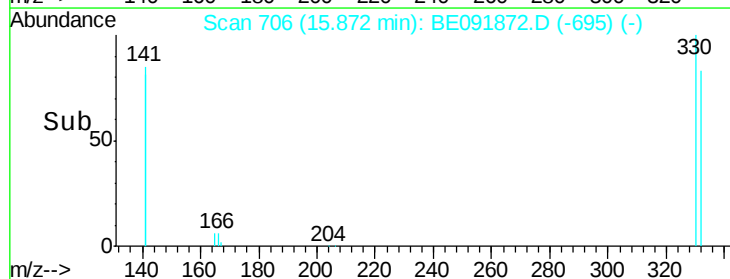
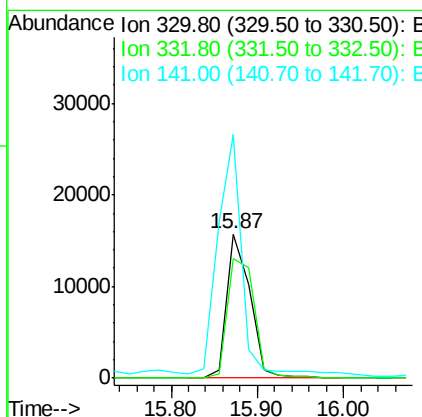
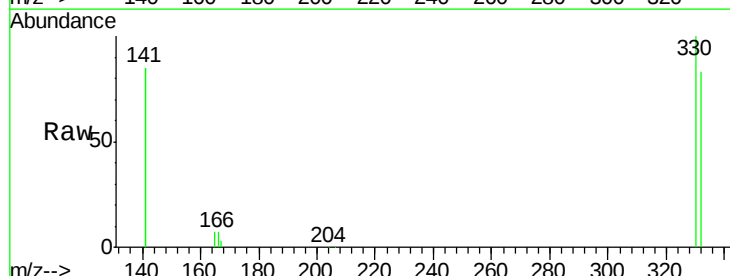
Instrument :
BNA_E
ClientSampleId :
SP-001-160517

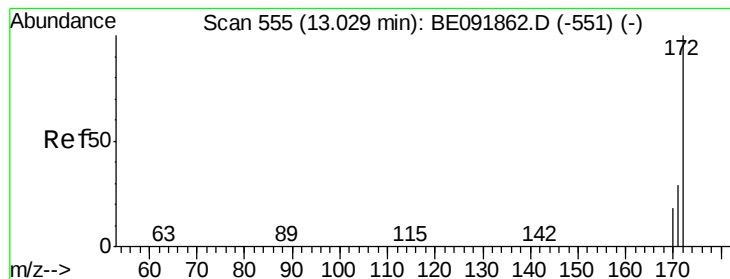
Tgt Ion:164 Resp: 95216
Ion Ratio Lower Upper
164 100
162 90.7 71.8 107.8
160 34.8 28.0 42.0



#16
2,4,6-Tribromophenol
Concen: 6.87 ng
RT: 15.87 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE091872.D
Acq: 25 May 2016 23:34

Tgt Ion:330 Resp: 29155
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 168.1 138.4 207.6

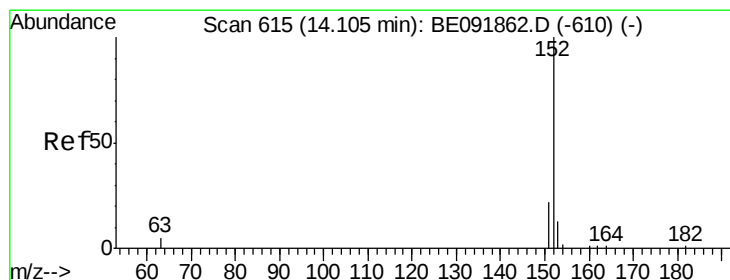
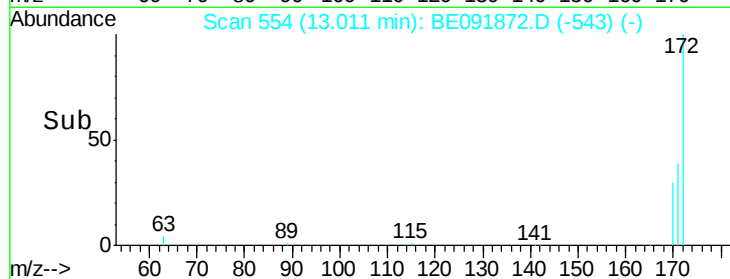
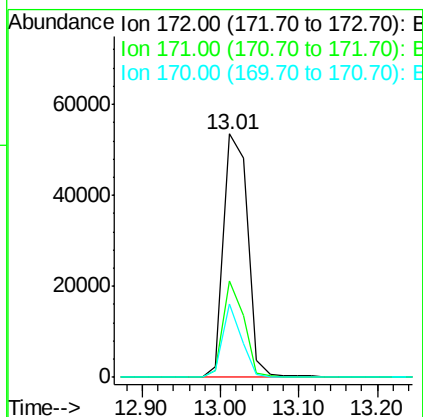
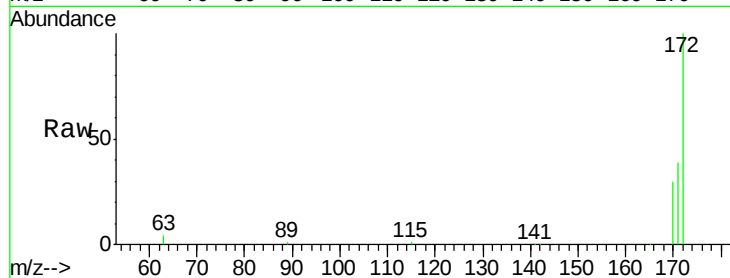




#17
 2-Fluorobiphenyl
 Concen: 4.02 ng
 RT: 13.01 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BE091872.D
 Acq: 25 May 2016 23:34

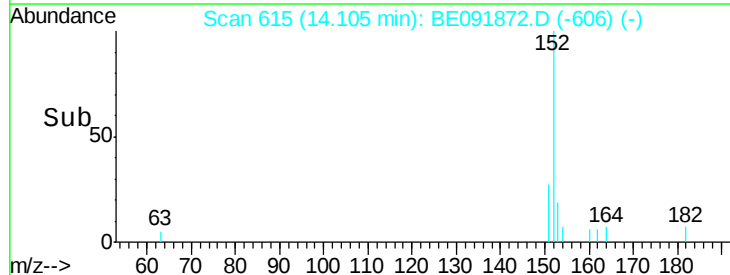
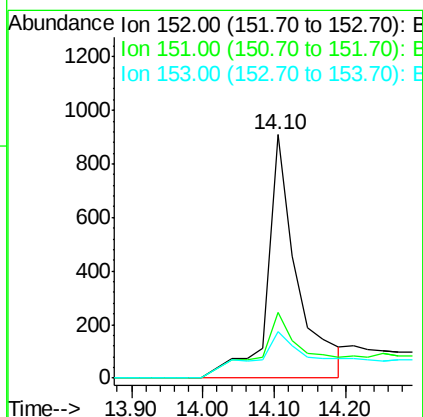
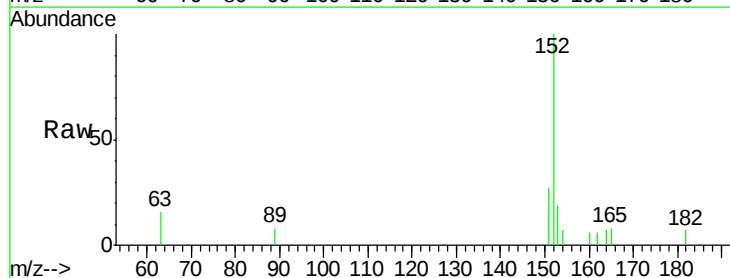
Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517

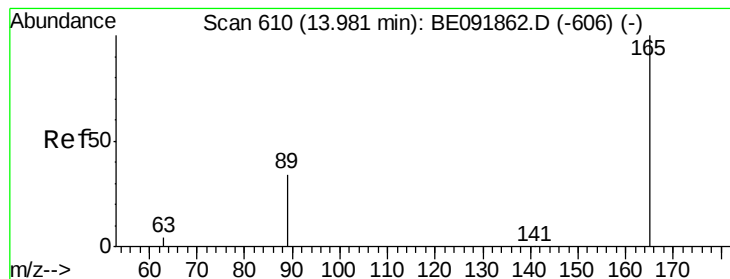
Tgt Ion:172 Resp: 113909
 Ion Ratio Lower Upper
 172 100
 171 39.4 24.3 36.5#
 170 30.1 14.9 22.3#



#18
 Acenaphthylene
 Concen: 0.04 ng
 RT: 14.10 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BE091872.D
 Acq: 25 May 2016 23:34

Tgt Ion:152 Resp: 2894
 Ion Ratio Lower Upper
 152 100
 151 41.1 19.4 29.2#
 153 34.9 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.43 ng

RT: 13.84 min Scan# 602

Delta R.T. -0.14 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

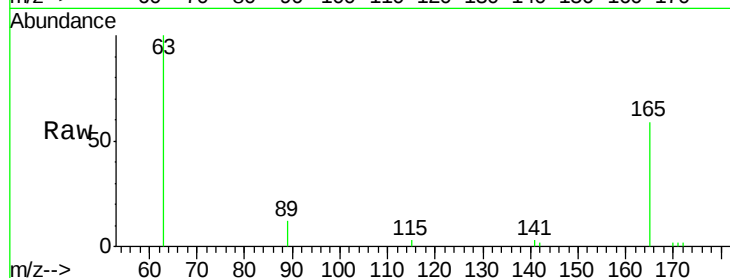
Tgt Ion:165 Resp: 2775

Ion Ratio Lower Upper

165 100

63 182.8 65.9 98.9#

89 16.4 59.1 88.7#



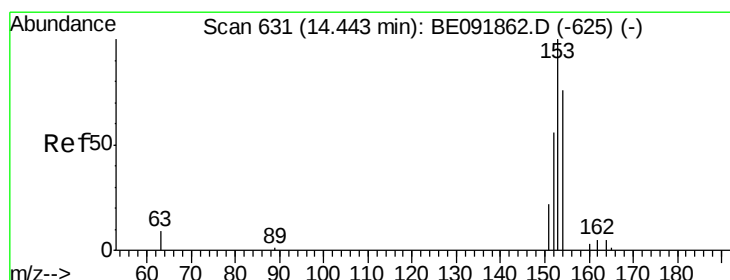
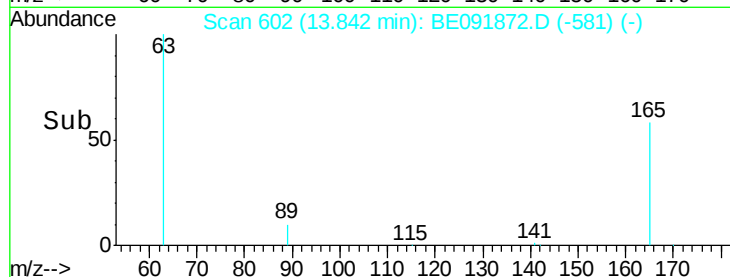
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

13.84

Time--> 13.70 13.80 13.90



#20

Acenaphthene

Concen: 0.02 ng

RT: 14.44 min Scan# 631

Delta R.T. 0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

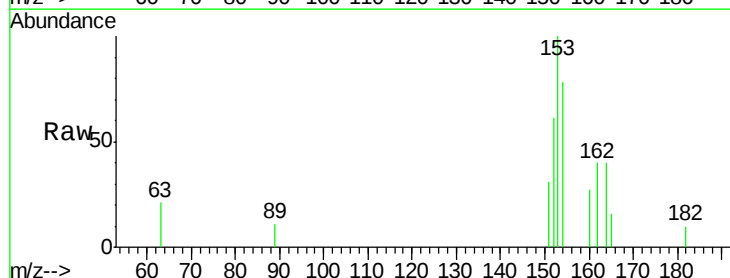
Tgt Ion:154 Resp: 1426

Ion Ratio Lower Upper

154 100

153 89.6 88.1 132.1

152 40.5 44.2 66.2#



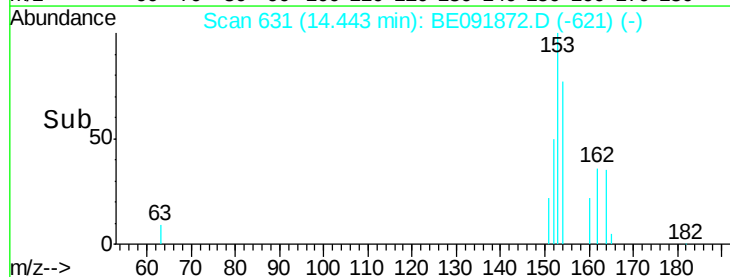
Abundance Ion 154.00 (153.70 to 154.70): E

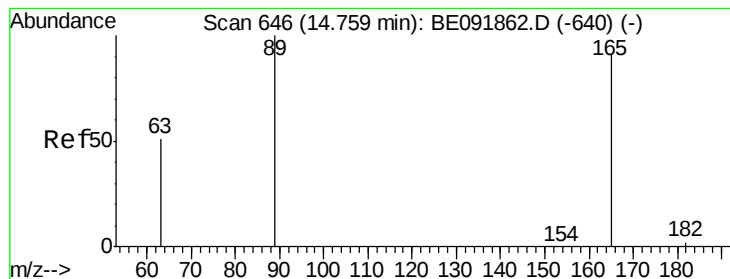
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.44

Time--> 14.30 14.40 14.50 14.60





#21

2,4-Dinitrotoluene

Concen: 1.53 ng

RT: 14.40 min Scan# 629

Delta R.T. -0.36 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

Tgt Ion:165 Resp: 12489

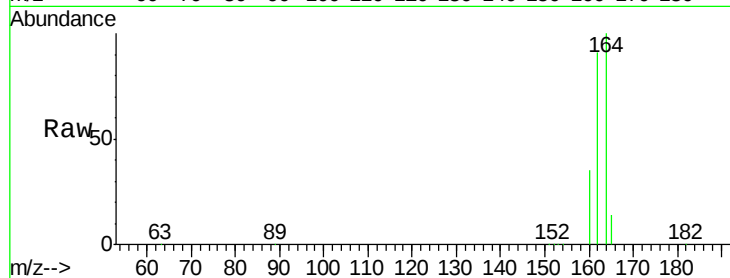
Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 0.0 99.8 149.8#

182 0.0 0.0 0.0

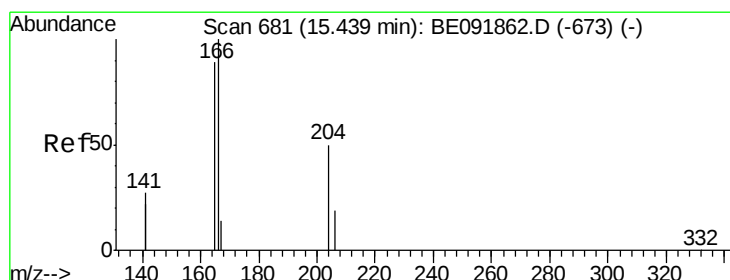
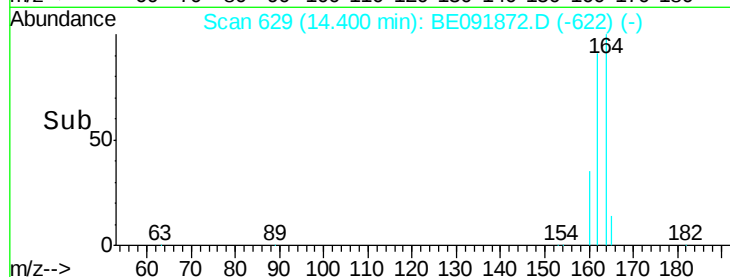
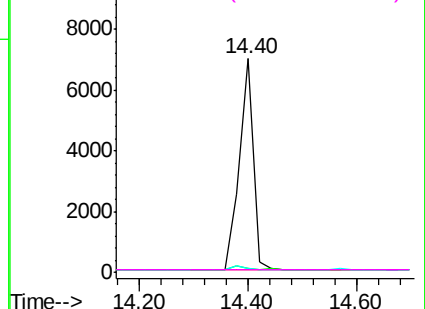


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.04 ng

RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

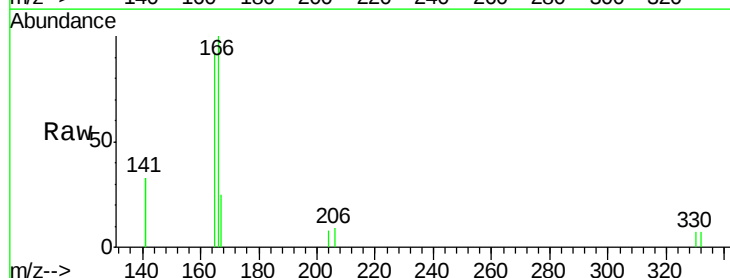
Tgt Ion:166 Resp: 1318

Ion Ratio Lower Upper

166 100

165 95.4 78.6 117.8

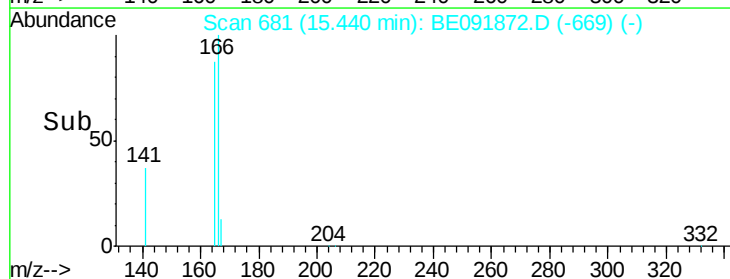
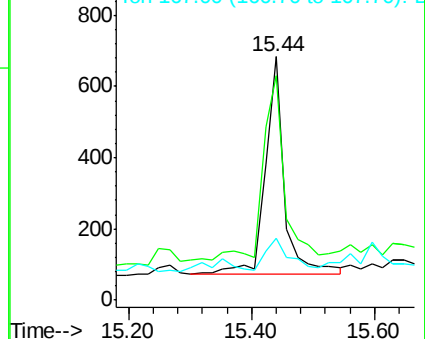
167 17.8 10.8 16.2#

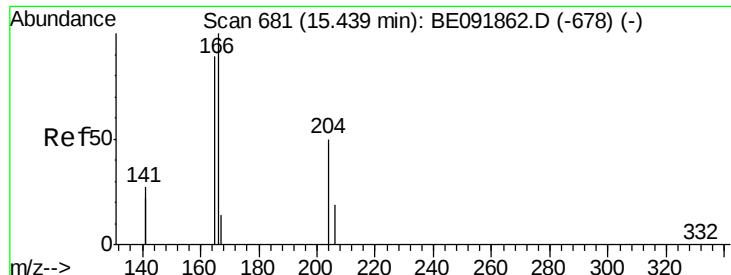


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

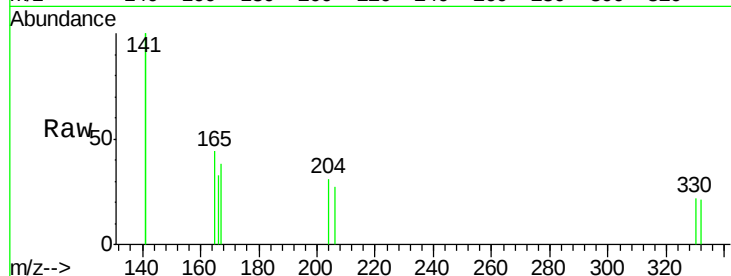




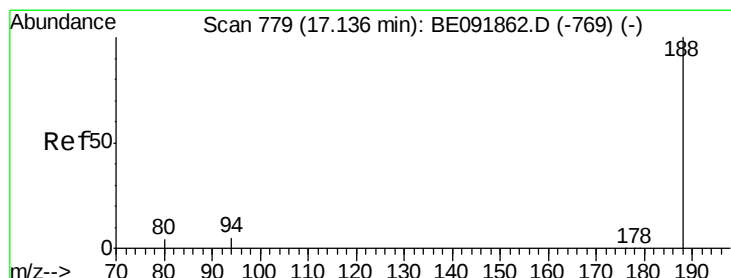
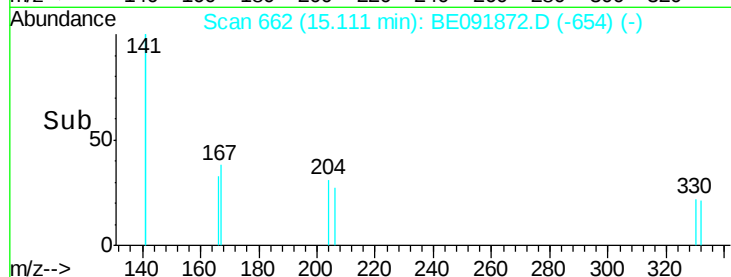
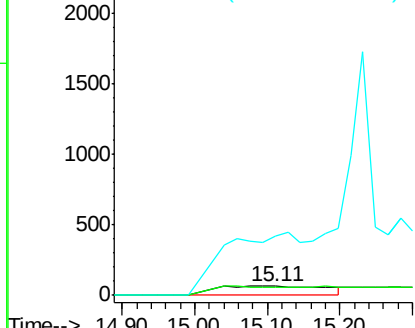
#23
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.11 min Scan# 662
Delta R.T. -0.33 min
Lab File: BE091872.D
Acq: 25 May 2016 23:34

Instrument :
BNA_E
ClientSampleId :
SP-001-160517

Tgt Ion: 204 Resp: 727
Ion Ratio Lower Upper
204 100
206 0.0 27.8 41.6#
141 500.8 197.6 296.4#

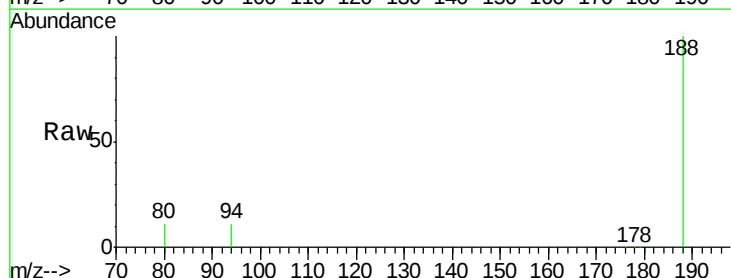


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

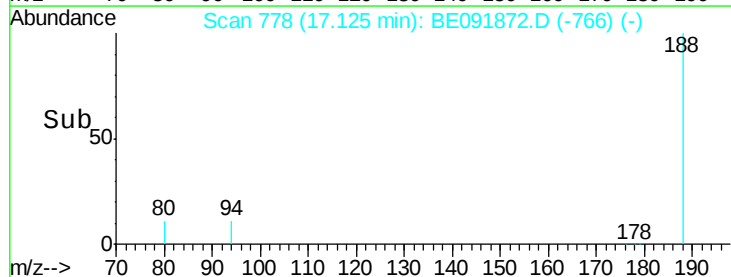
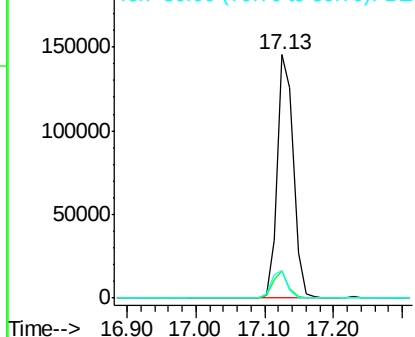


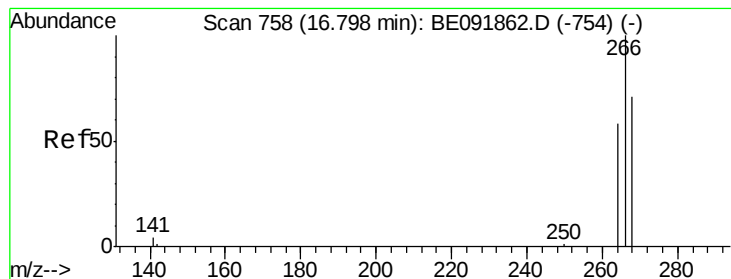
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 778
Delta R.T. -0.01 min
Lab File: BE091872.D
Acq: 25 May 2016 23:34

Tgt Ion: 188 Resp: 276730
Ion Ratio Lower Upper
188 100
94 11.3 4.1 6.1#
80 11.4 3.4 5.2#



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





#27

Pentachlorophenol

Concen: 0.07 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

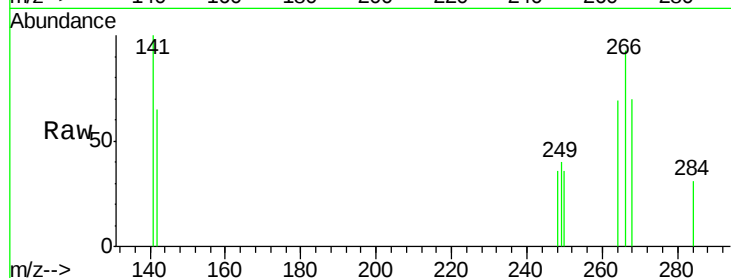
Tgt Ion:266 Resp: 250

Ion Ratio Lower Upper

266 100

268 75.7 60.5 90.7

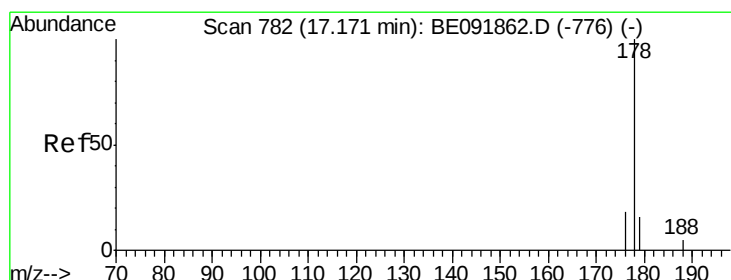
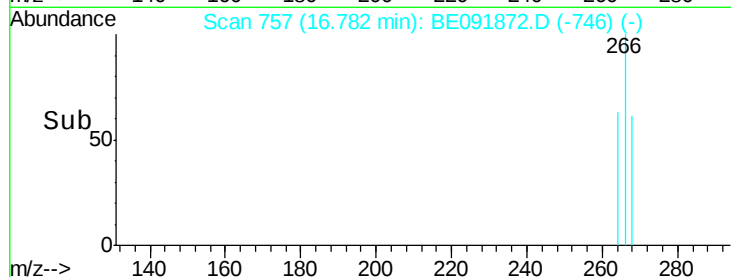
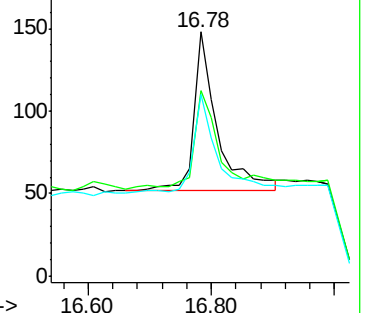
264 74.3 51.0 76.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 0.97 ng

RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

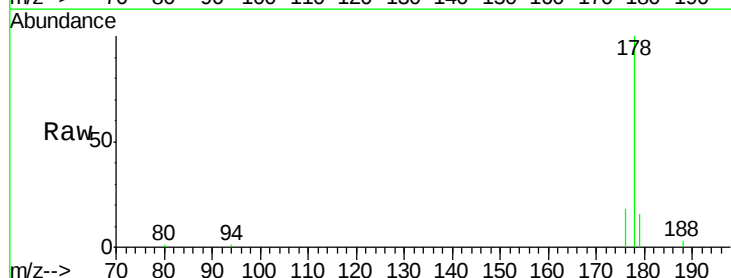
Tgt Ion:178 Resp: 53630

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

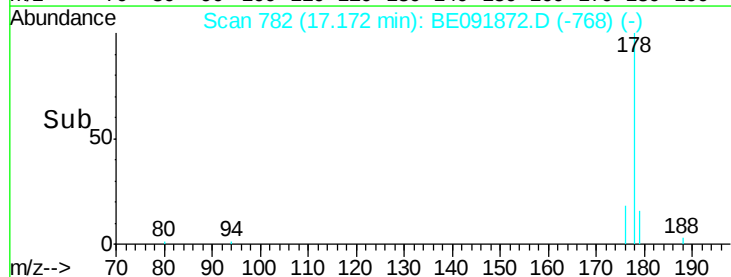
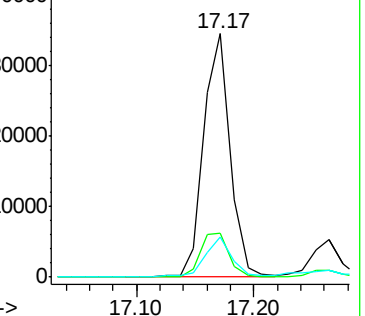
179 16.1 12.9 19.3

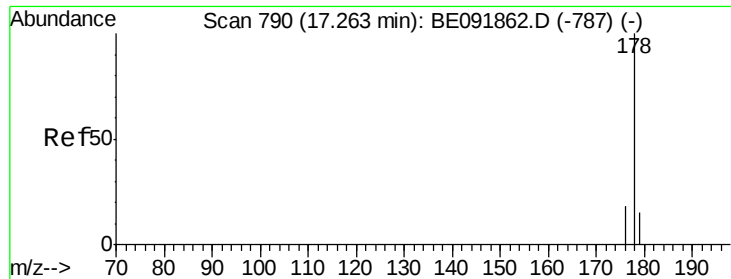


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 0.97 ng

RT: 17.17 min Scan# 782

Delta R.T. -0.09 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

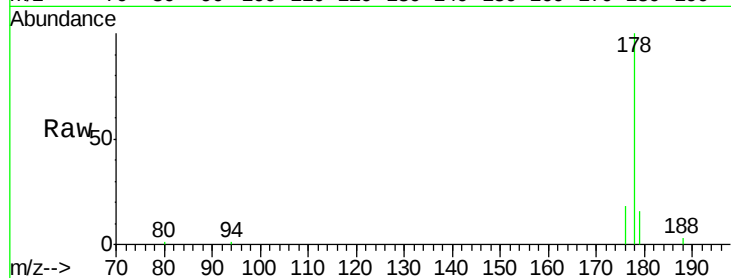
Tgt Ion:178 Resp: 53638

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

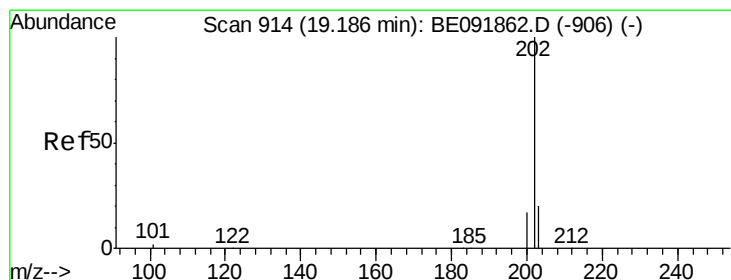
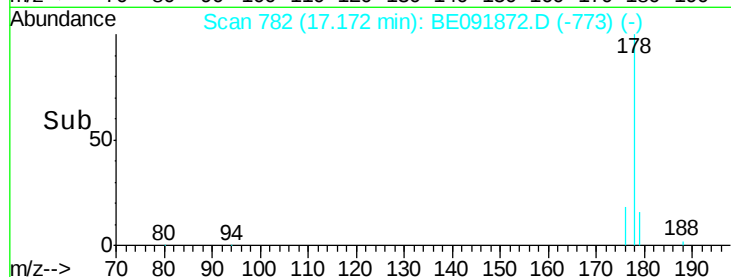
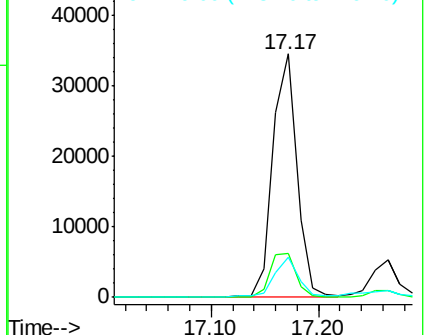
179 15.8 12.1 18.1



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: 3.71 ng

RT: 19.17 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

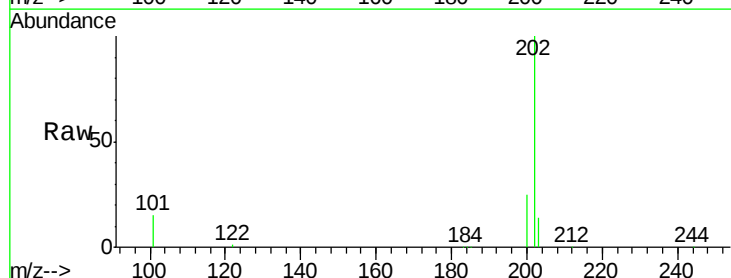
Tgt Ion:202 Resp: 228595

Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.0

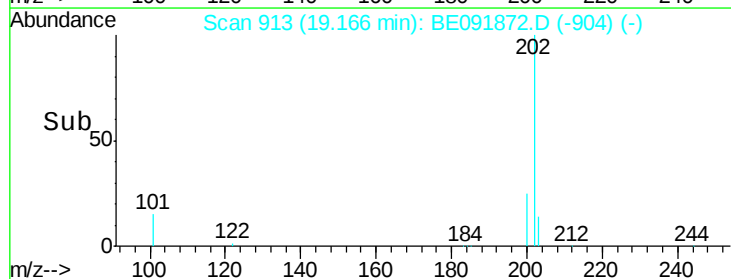
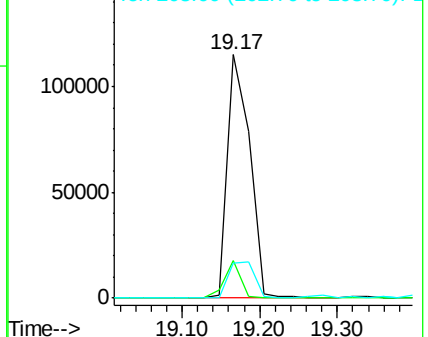
203 17.2 14.3 21.5

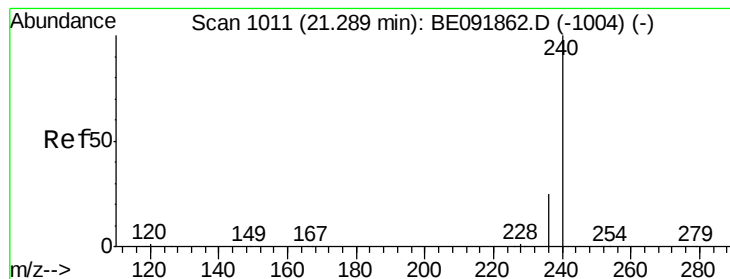


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.29 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

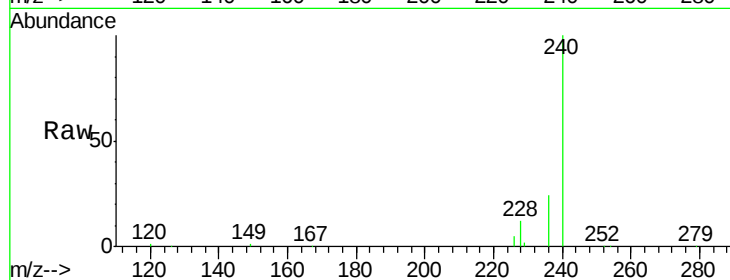
Tgt Ion:240 Resp: 280945

Ion Ratio Lower Upper

240 100

120 1.4 1.2 1.8

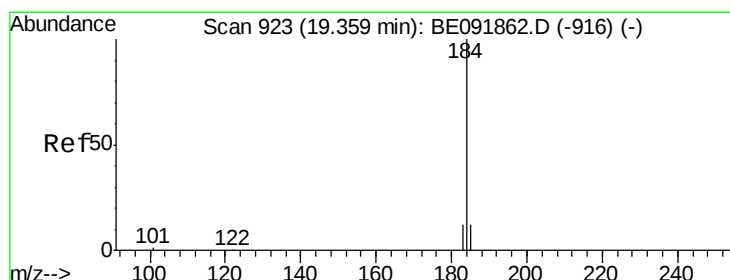
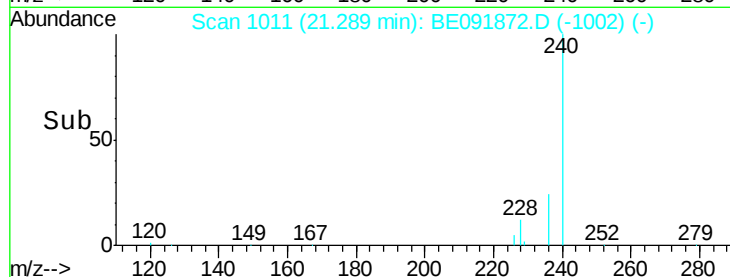
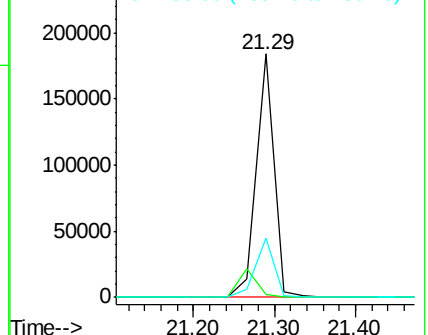
236 24.3 19.8 29.8



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



#32

Benzidine

Concen: 0.12 ng

RT: 19.44 min Scan# 927

Delta R.T. 0.08 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

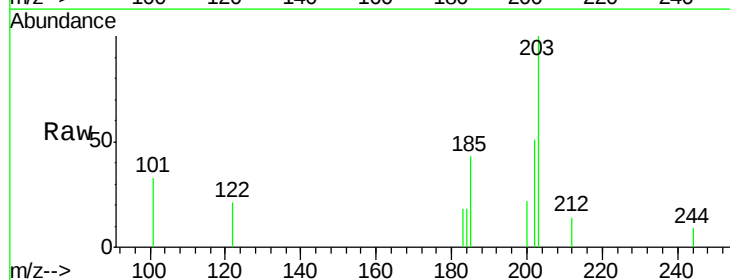
Tgt Ion:184 Resp: 331

Ion Ratio Lower Upper

184 100

185 244.8 11.4 17.2#

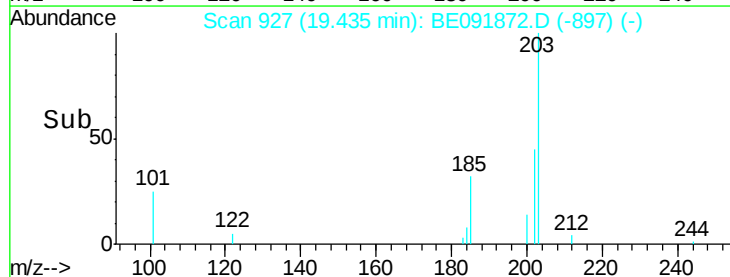
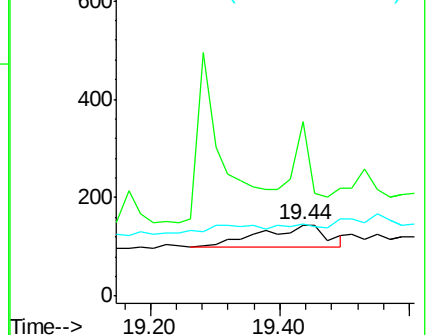
183 101.4 11.8 17.6#

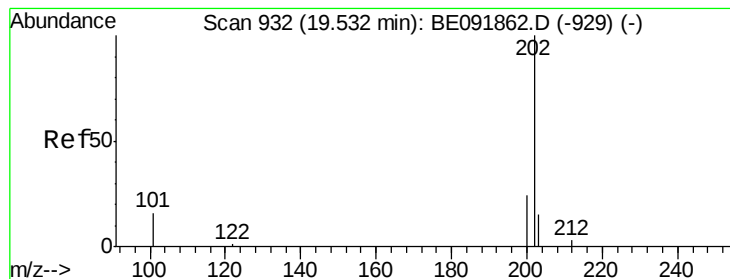


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 3.51 ng

RT: 19.53 min Scan# 932

Delta R.T. -0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

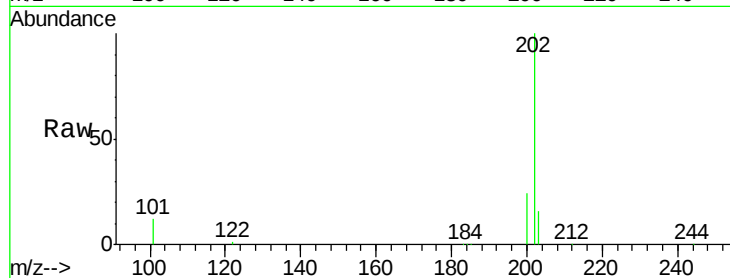
Tgt Ion:202 Resp: 209246

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

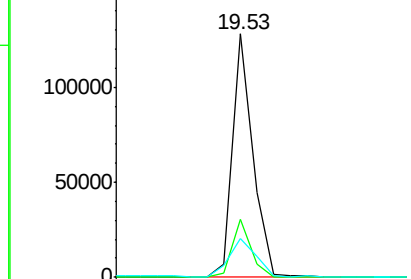
203 20.9 14.1 21.1



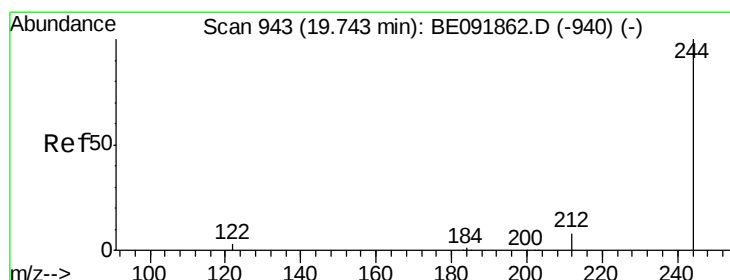
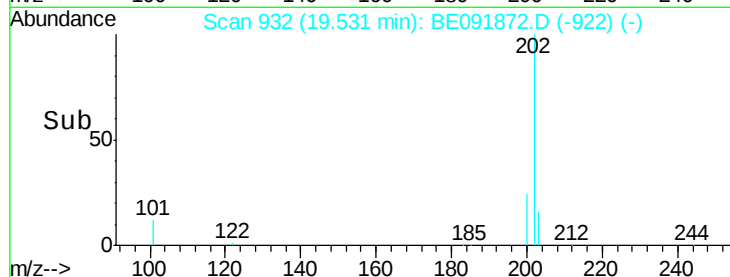
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50 19.60 19.70



#34

Terphenyl-d14

Concen: 4.27 ng

RT: 19.74 min Scan# 943

Delta R.T. -0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

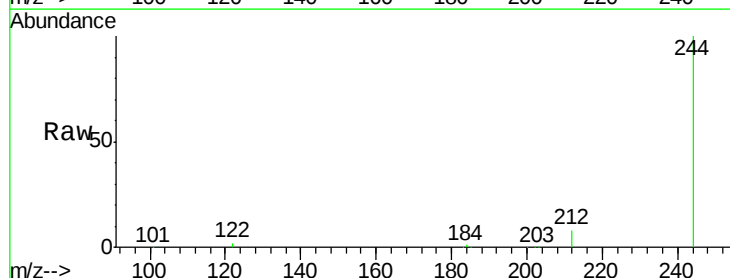
Tgt Ion:244 Resp: 181125

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

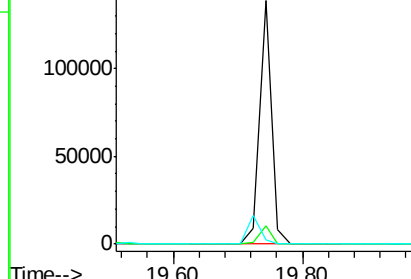
122 1.9 2.9 4.3#



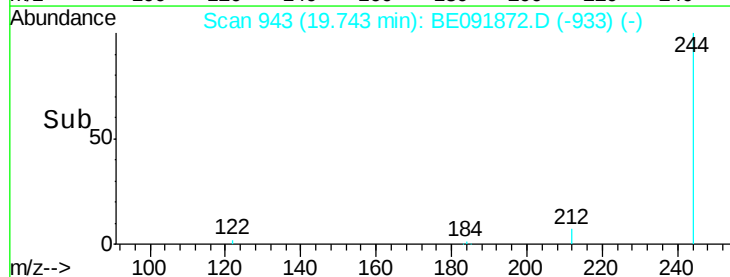
Abundance Ion 244.00 (243.70 to 244.70): E

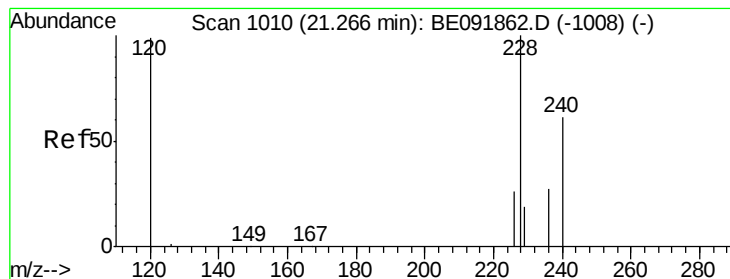
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.60 19.80





#35

Benzo(a)anthracene

Concen: 4.12 ng

RT: 21.27 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

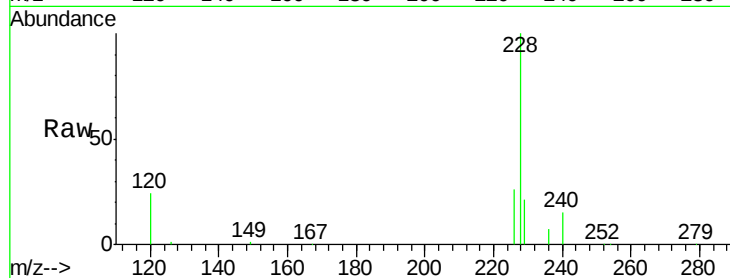
Tgt Ion:228 Resp: 308627

Ion Ratio Lower Upper

228 100

226 26.2 21.0 31.4

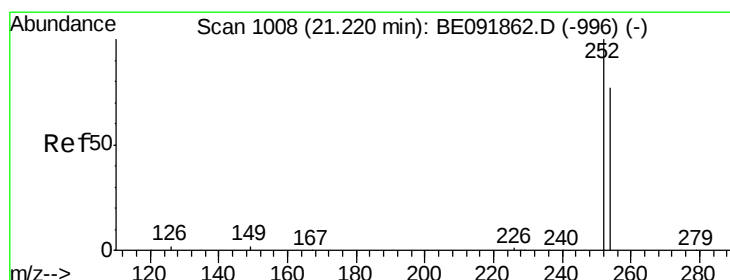
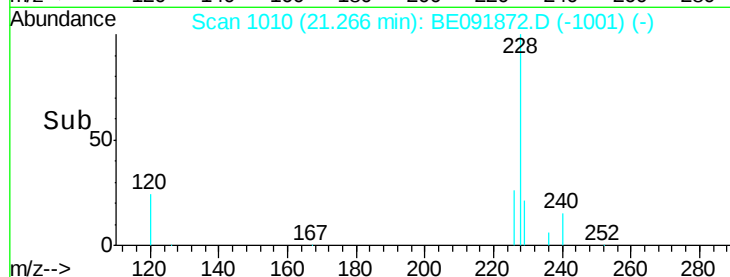
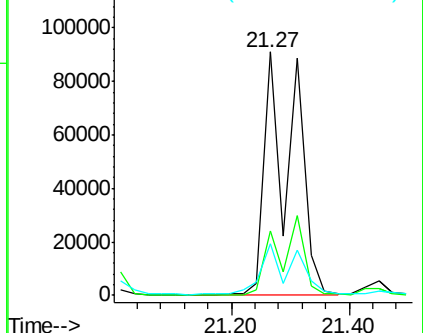
229 21.2 15.8 23.8



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: 0.04 ng

RT: 21.33 min Scan# 1013

Delta R.T. 0.11 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

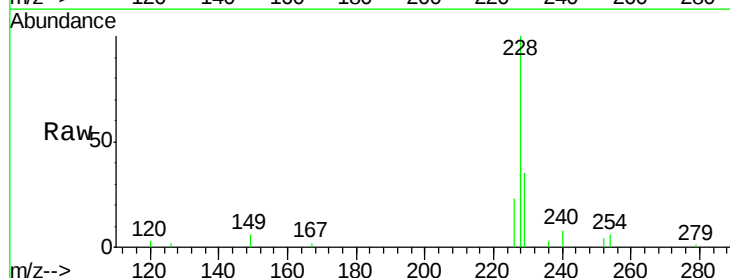
Tgt Ion:252 Resp: 1614

Ion Ratio Lower Upper

252 100

254 129.7 61.5 92.3#

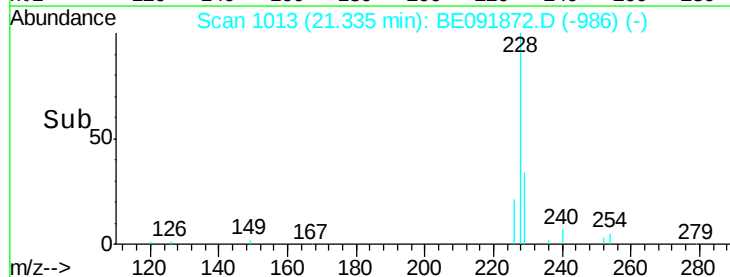
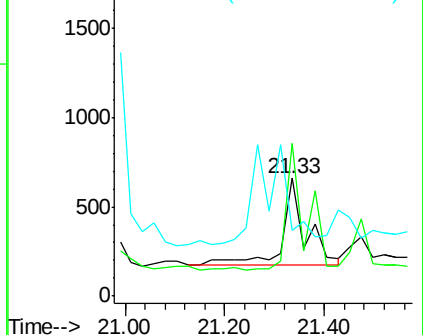
126 55.5 2.5 3.7#

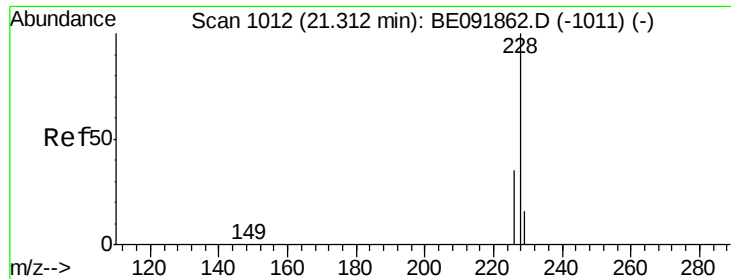


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

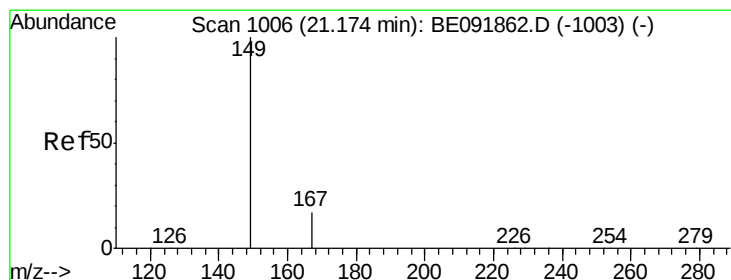
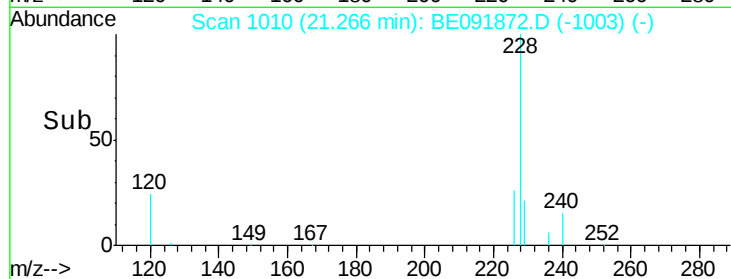
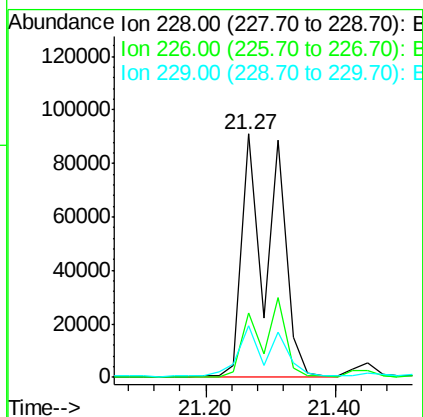
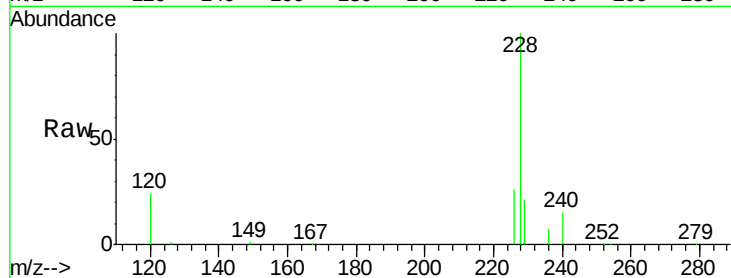




#37
 Chrysene
 Concen: 5.70 ng
 RT: 21.27 min Scan# 1010
 Delta R.T. -0.05 min
 Lab File: BE091872.D
 Acq: 25 May 2016 23:34

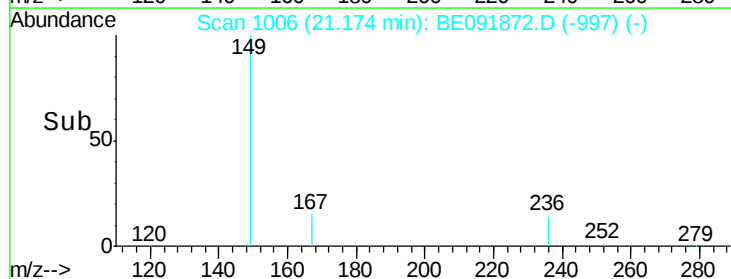
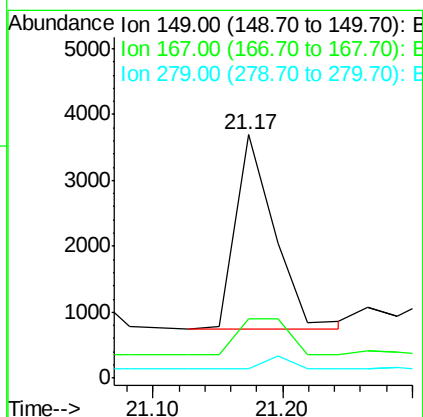
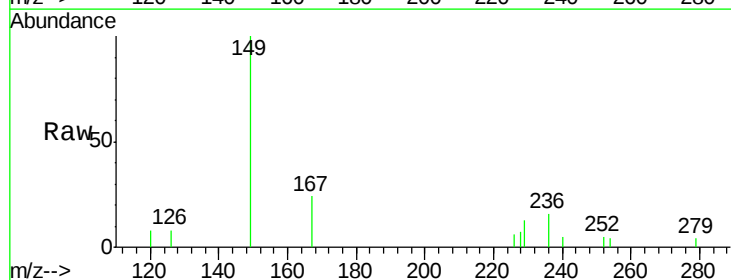
Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517

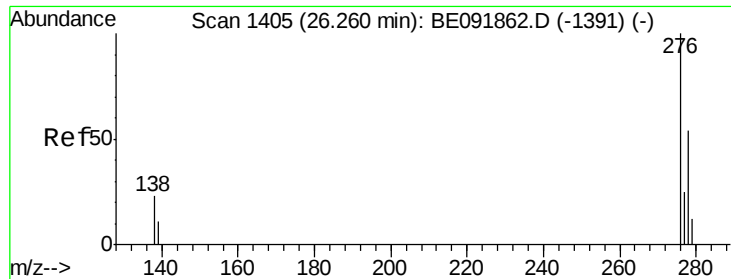
Tgt Ion: 228 Resp: 308421
 Ion Ratio Lower Upper
 228 100
 226 26.2 27.0 40.6#
 229 21.2 13.8 20.8#



#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.17 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BE091872.D
 Acq: 25 May 2016 23:34

Tgt Ion: 149 Resp: 6261
 Ion Ratio Lower Upper
 149 100
 167 24.5 0.0 0.0#
 279 0.0 0.0 0.0





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.80 ng

RT: 26.25 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

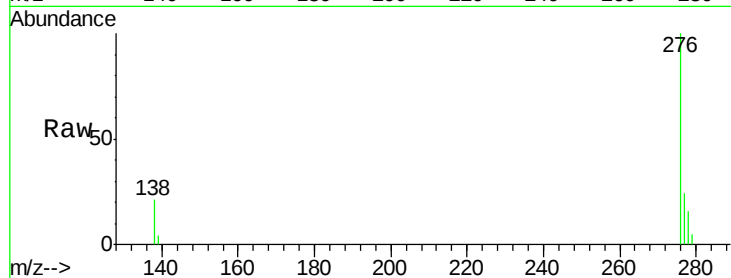
Tgt Ion: 276 Resp: 126556

Ion Ratio Lower Upper

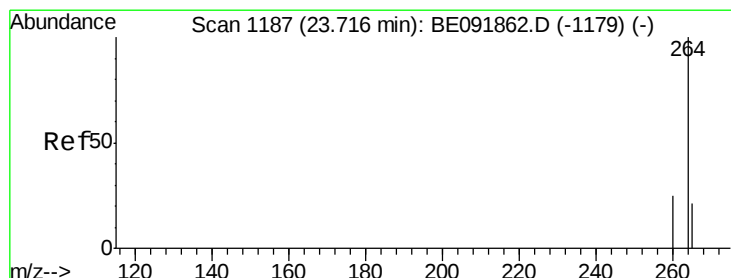
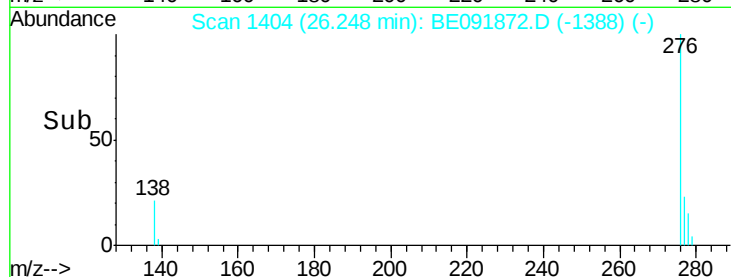
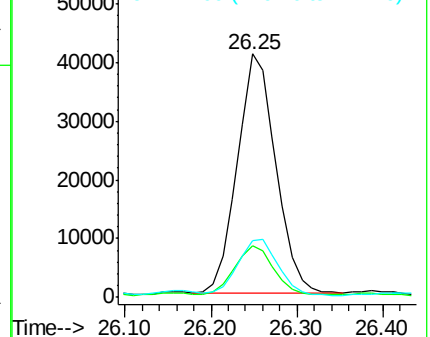
276 100

138 20.7 19.7 29.5

277 24.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 23.72 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

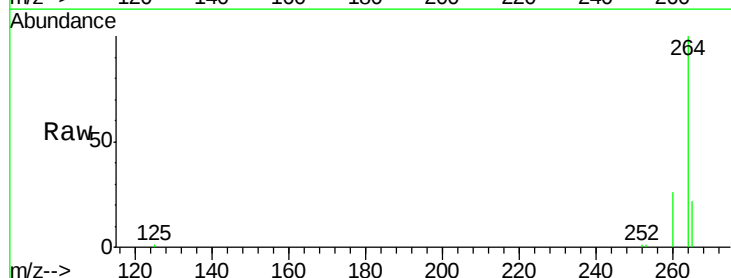
Tgt Ion: 264 Resp: 257671

Ion Ratio Lower Upper

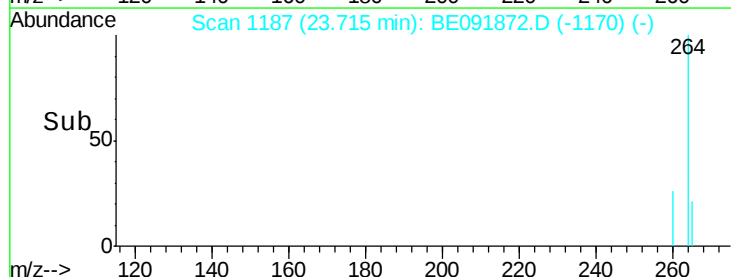
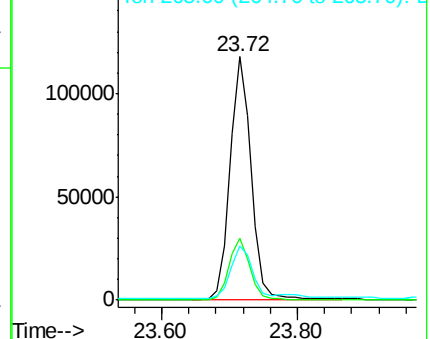
264 100

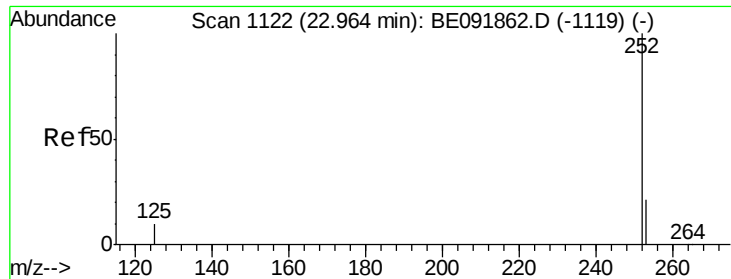
260 25.7 20.3 30.5

265 22.1 17.6 26.4



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





#41

Benzo(b)fluoranthene

Concen: 4.72 ng

RT: 22.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

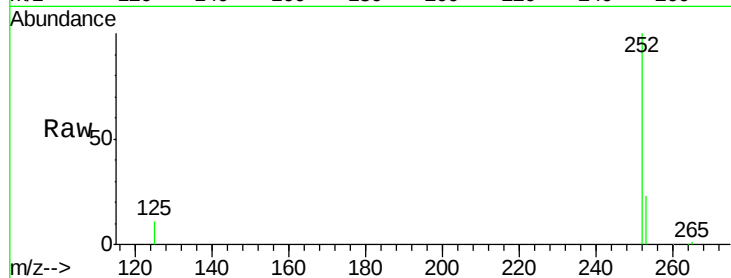
Tgt Ion:252 Resp: 328143

Ion Ratio Lower Upper

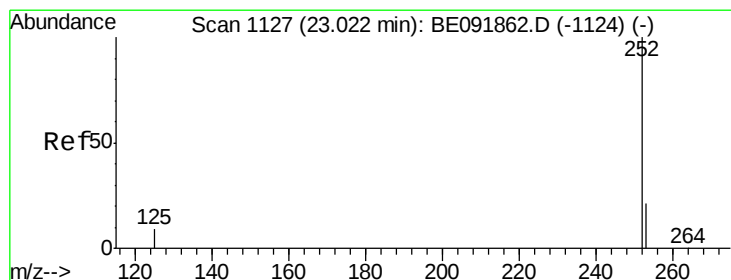
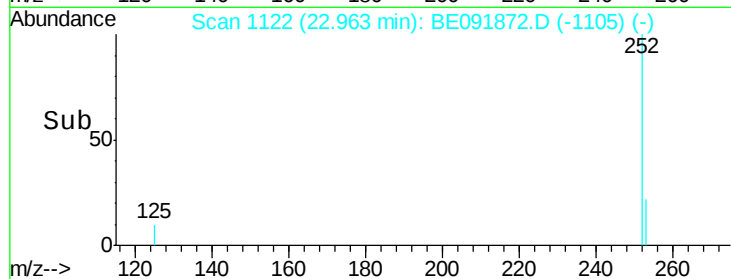
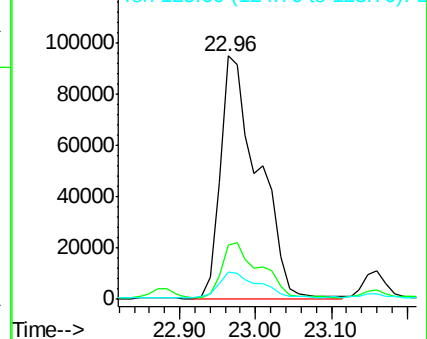
252 100

253 22.5 17.8 26.6

125 11.2 9.4 14.2



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: 5.20 ng

RT: 22.96 min Scan# 1122

Delta R.T. -0.06 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

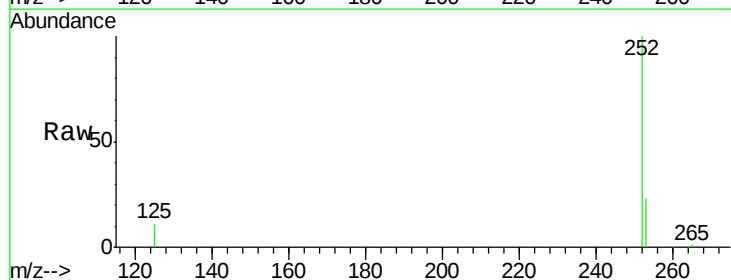
Tgt Ion:252 Resp: 328143

Ion Ratio Lower Upper

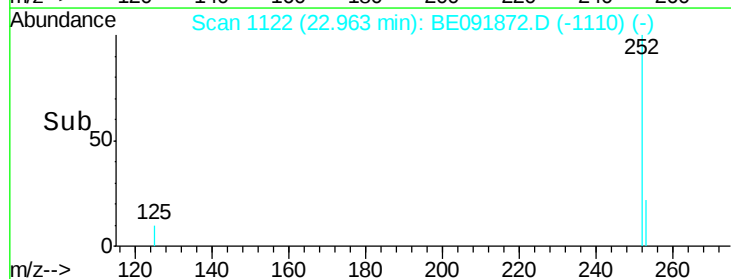
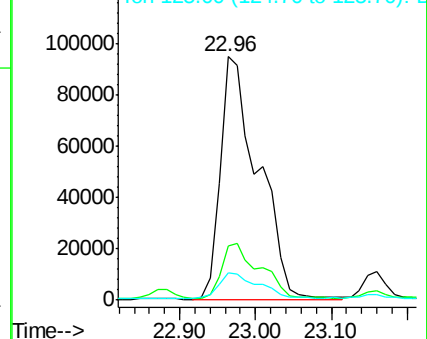
252 100

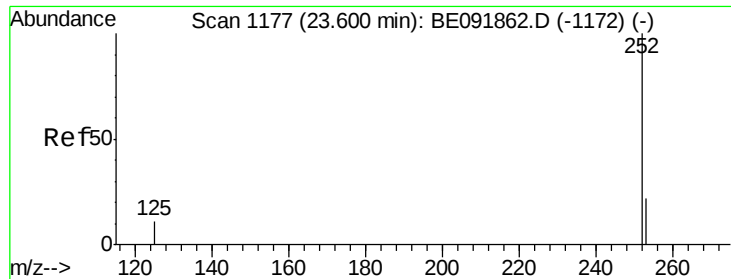
253 22.5 19.4 29.2

125 11.2 8.3 12.5



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: 2.31 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517

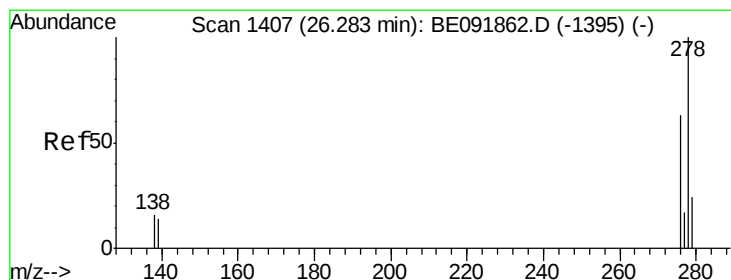
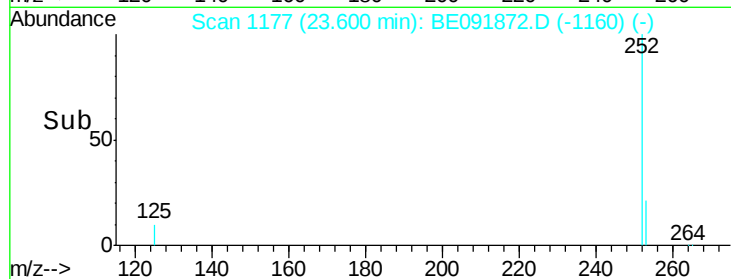
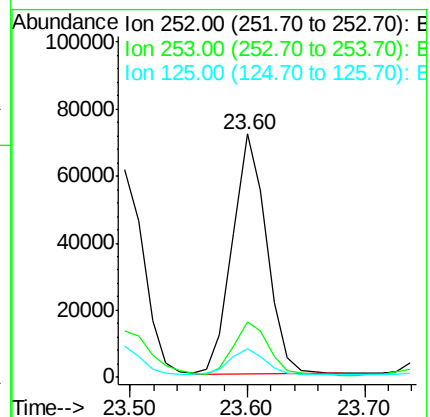
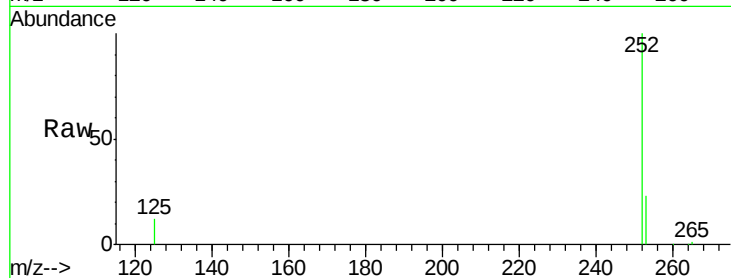
Tgt Ion: 252 Resp: 145536

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

125 11.6 10.5 15.7



#44

Dibenzo(a,h)anthracene

Concen: 0.48 ng

RT: 26.27 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BE091872.D

Acq: 25 May 2016 23:34

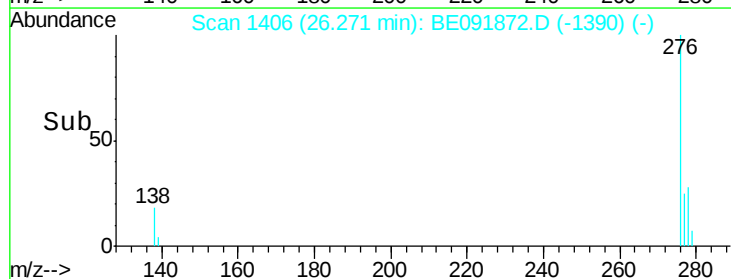
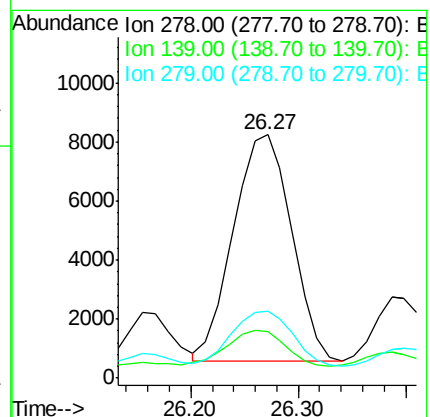
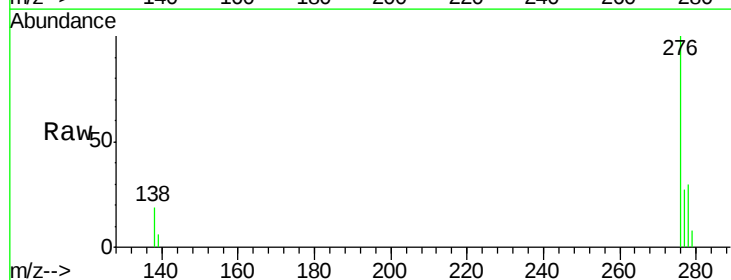
Tgt Ion: 278 Resp: 28922

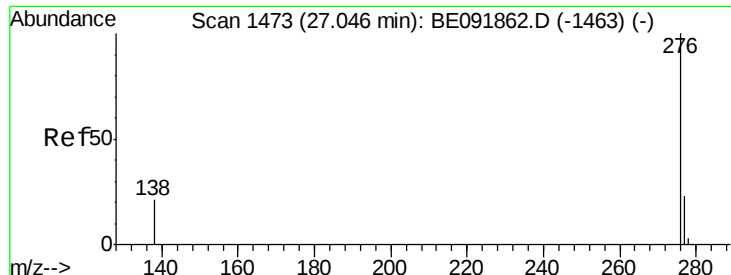
Ion Ratio Lower Upper

278 100

139 18.9 12.6 18.8#

279 27.4 20.0 30.0





#45

Benzo(g,h,i)perylene

Concen: 2.15 ng

RT: 27.05 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BE091872.D

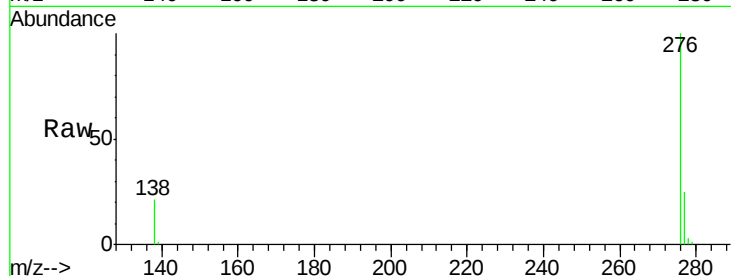
Acq: 25 May 2016 23:34

Instrument :

BNA_E

ClientSampleId :

SP-001-160517



Tgt Ion: 276 Resp: 131511

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 20.8 17.7 26.5

