

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
 Data File : BE091667.D
 Acq On : 18 Apr 2016 16:19
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE041816

Quant Time: Apr 18 16:51:40 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 16:29:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	31692	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	151218	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	90976	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	229151	5.00	ng	0.00
26) Chrysene-d12	21.31	240	287502	5.00	ng	0.00
35) Perylene-d12	23.75	264	252532	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2812	0.41	ng	0.00
5) Phenol-d6	6.97	99	3609	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	3132	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1309	0.75	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	10410	0.41	ng	0.00
29) Terphenyl-d14	19.76	244	16135	0.41	ng	0.00

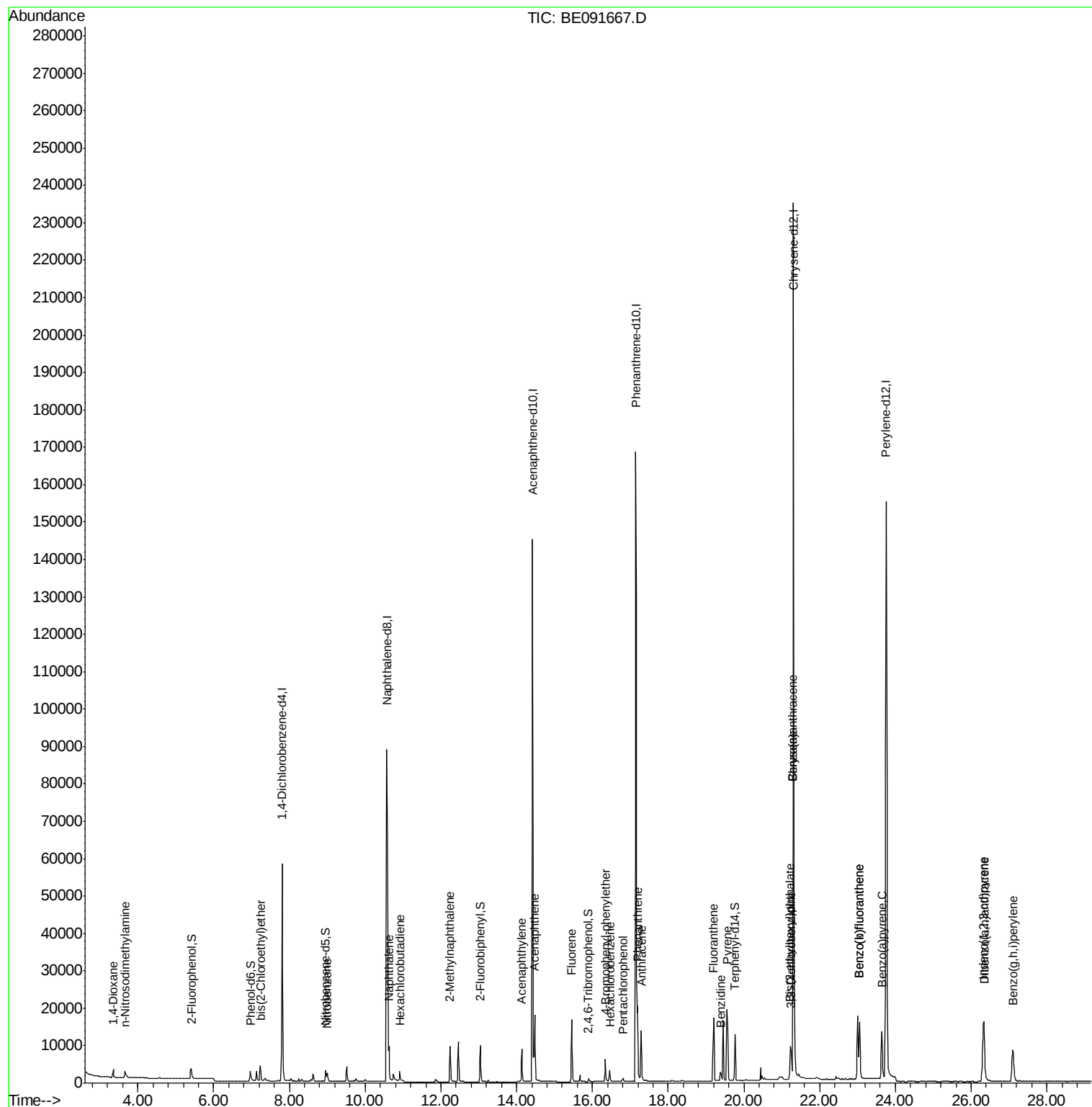
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1766	0.40	ng	91
3) n-Nitrosodimethylamine	3.66	42	1947	0.43	ng	89
6) bis(2-Chloroethyl)ether	7.23	93	3489	0.41	ng	# 75
9) Nitrobenzene	9.00	77	3163	0.53	ng	97
10) Naphthalene	10.63	128	12718	0.41	ng	99
11) Hexachlorobutadiene	10.92	225	2515	0.56	ng	92
12) 2-Methylnaphthalene	12.24	142	7934	0.40	ng	96
16) Acenaphthylene	14.14	152	13528	0.40	ng	# 77
17) Acenaphthene	14.47	154	9388	0.42	ng	91
18) Fluorene	15.46	166	10982	0.40	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	3183	0.40	ng	96
21) Hexachlorobenzene	16.46	284	3350	0.40	ng	96
22) Pentachlorophenol	16.81	266	793	0.45	ng	93
23) Phenanthrene	17.19	178	21545	0.41	ng	99
24) Anthracene	17.29	178	18052	0.39	ng	99
25) Fluoranthene	19.20	202	21394	0.41	ng	97
27) Benzdine	19.38	184	5563	0.41	ng	# 81
28) Pyrene	19.55	202	26702	0.46	ng	99
30) Benzo(a)anthracene	21.29	228	55442	0.83	ng	99
31) 3,3'-Dichlorobenzidine	21.24	252	10402	0.51	ng	# 78
32) Chrysene	21.29	228	55736	0.82	ng	95
33) Bis(2-ethylhexyl)phthalate	21.22	149	5843	0.55	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.32	276	25899	0.42	ng	97
36) Benzo(b)fluoranthene	23.04	252	24023	0.43	ng	99
37) Benzo(k)fluoranthene	23.04	252	24756	0.42	ng	99
38) Benzo(a)pyrene	23.65	252	21896	0.42	ng	# 93
39) Dibenzo(a,h)anthracene	26.34	278	21320	0.42	ng	97
40) Benzo(g,h,i)perylene	27.10	276	21394	0.41	ng	97

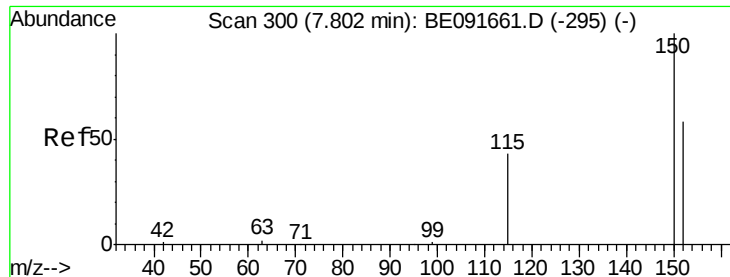
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

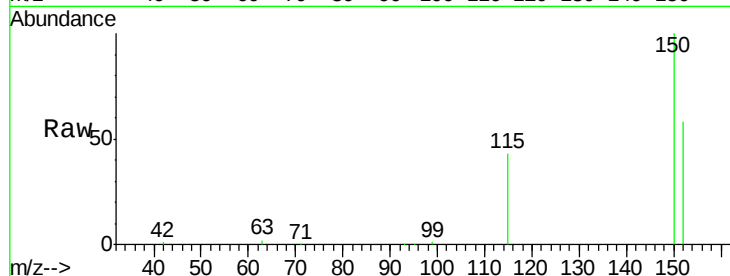
Tot Ion:152 Resp: 31692

Ion Ratio Lower Upper

152 100

150 173.5 122.6 183.8

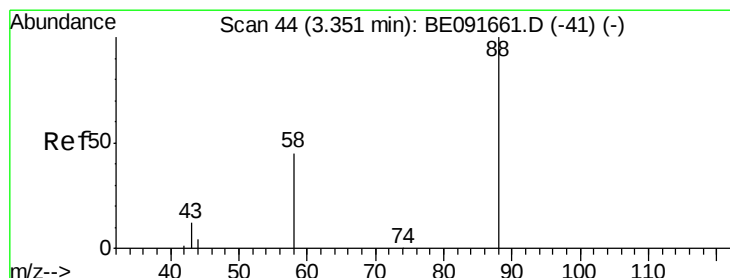
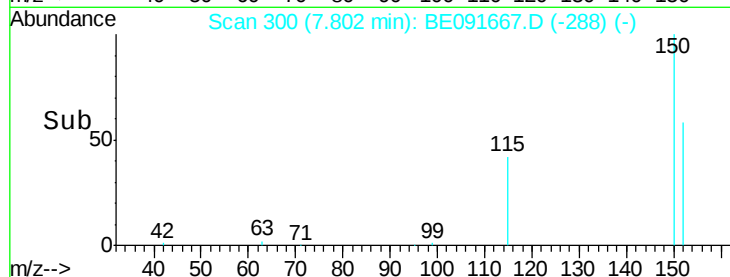
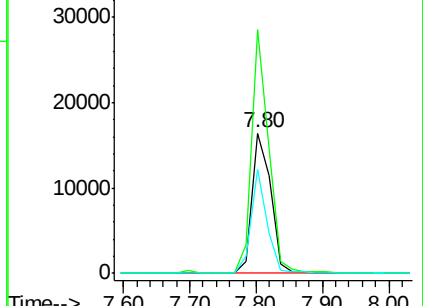
115 73.9 52.8 79.2



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



#2

1,4-Dioxane

Concen: 0.40 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

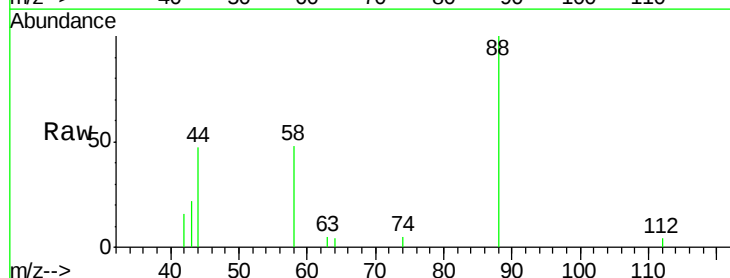
Tgt Ion: 88 Resp: 1766

Ion Ratio Lower Upper

88 100

58 73.6 65.8 98.6

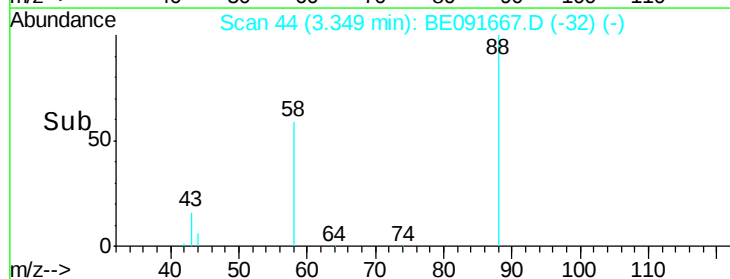
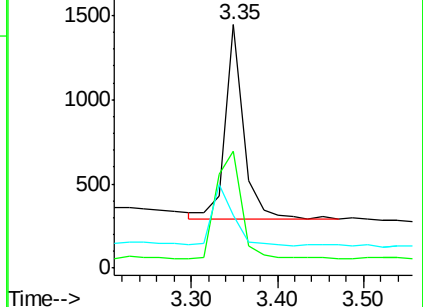
43 35.0 25.3 37.9

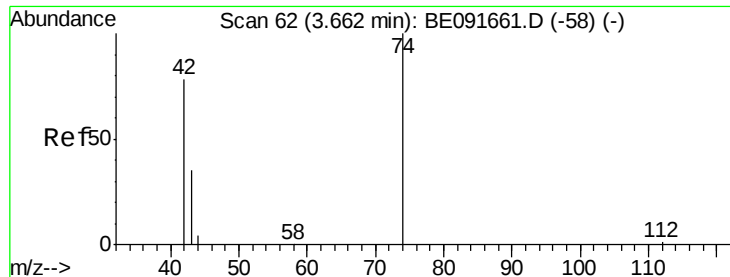


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.43 ng

RT: 3.66 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

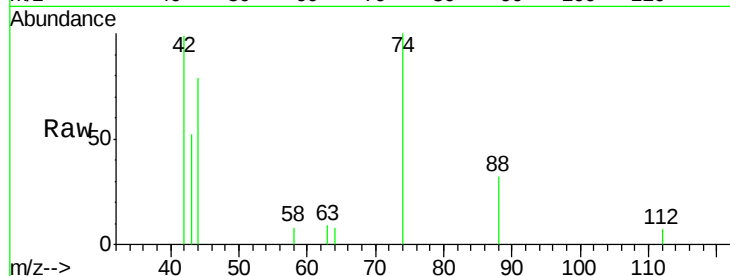
Tot Ion: 42 Resp: 1947

Ion Ratio Lower Upper

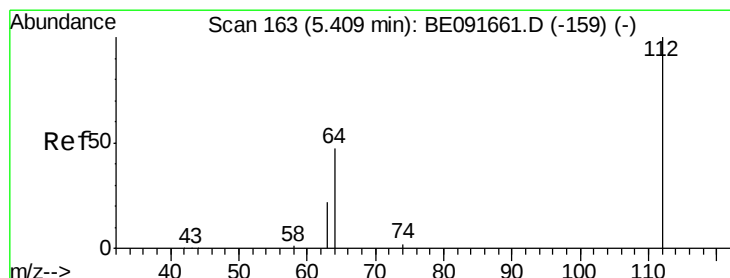
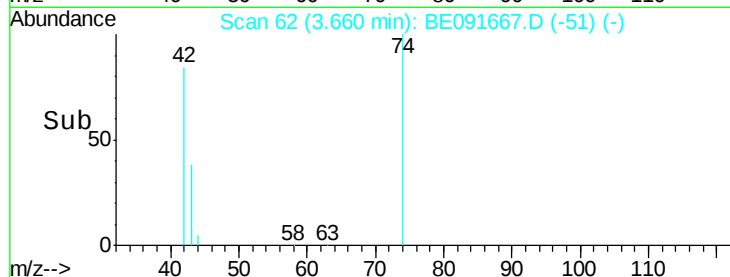
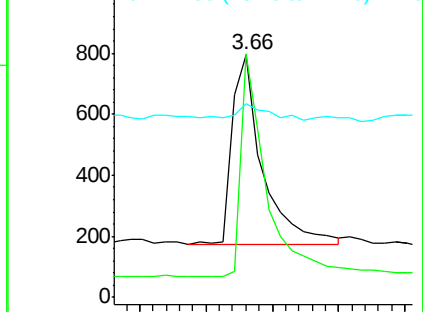
42 100

74 97.7 87.9 131.9

44 8.0 6.6 9.8



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: 0.41 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

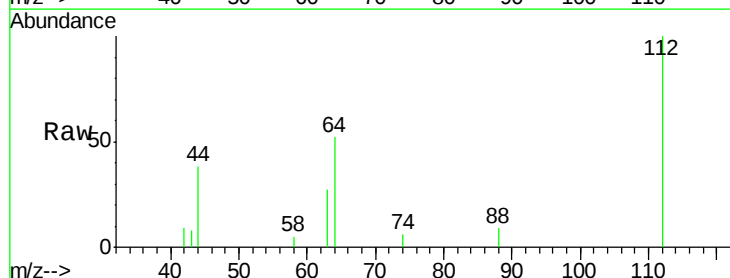
Tgt Ion: 112 Resp: 2812

Ion Ratio Lower Upper

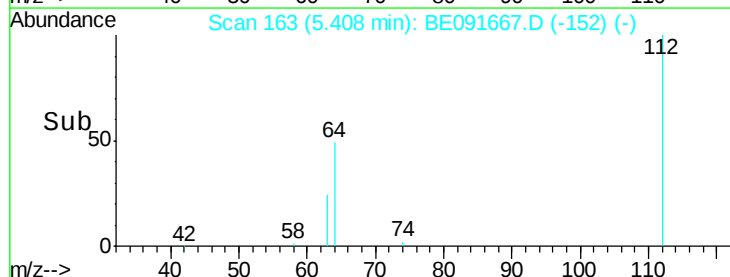
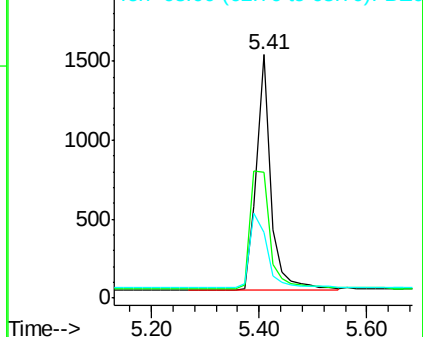
112 100

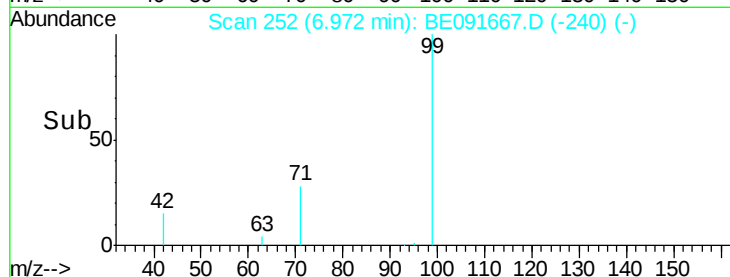
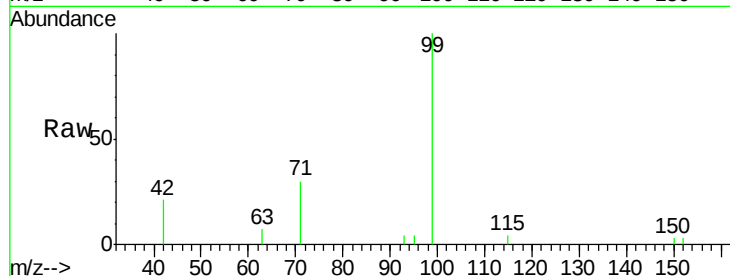
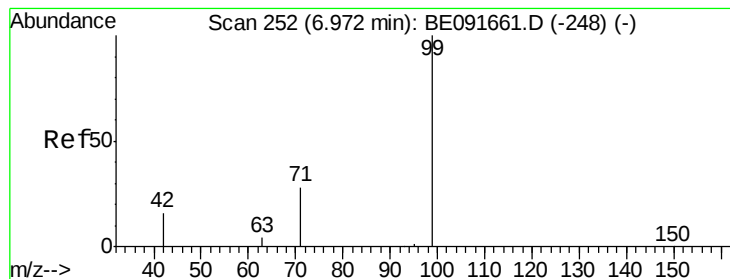
64 67.8 30.9 46.3#

63 38.1 16.7 25.1#



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: 0.39 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

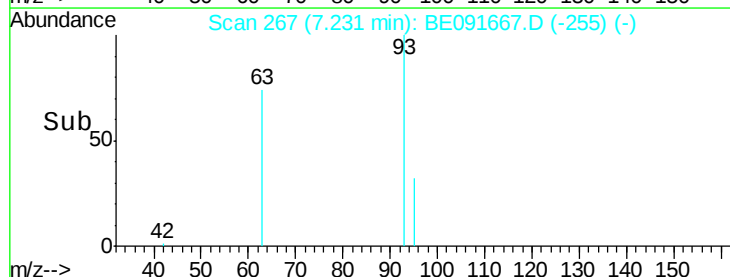
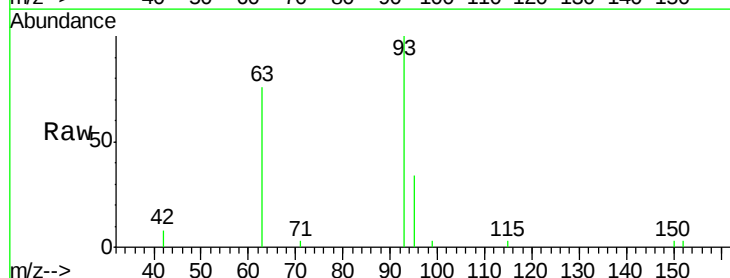
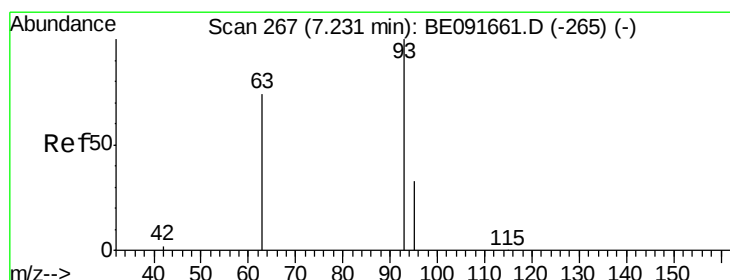
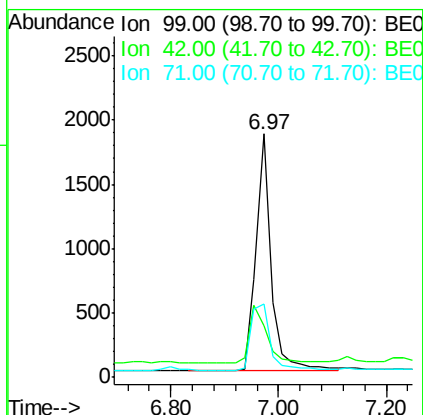
Tot Ion: 99 Resp: 3609

Ion Ratio Lower Upper

99 100

42 27.8 16.2 24.2#

71 35.7 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.41 ng

RT: 7.23 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

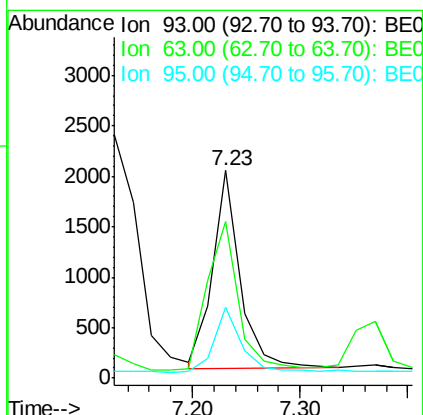
Tgt Ion: 93 Resp: 3489

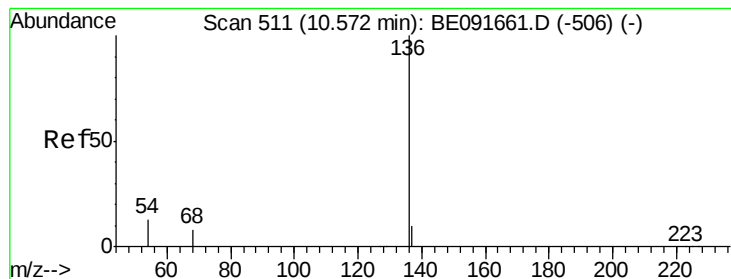
Ion Ratio Lower Upper

93 100

63 85.2 49.5 74.3#

95 34.0 22.2 33.4#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

Tot Ion:136 Resp: 151218

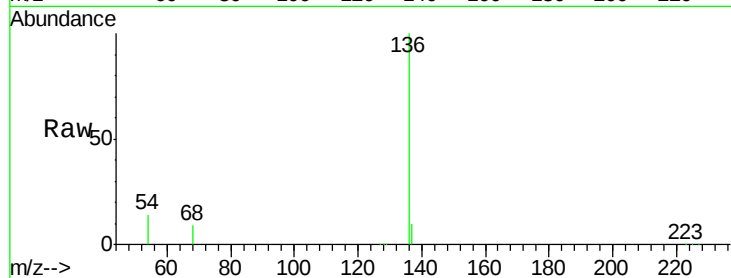
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 13.8 8.2 12.4#

68 8.9 6.2 9.4

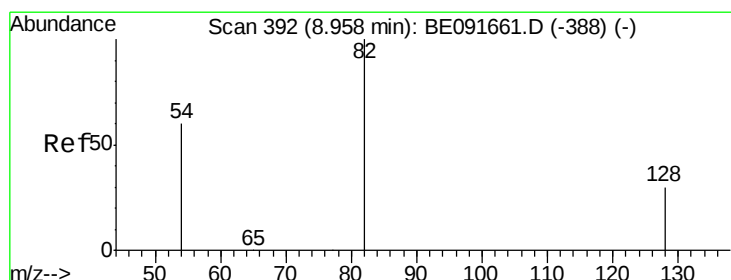
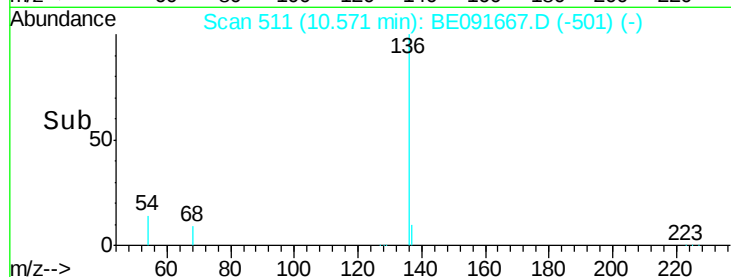
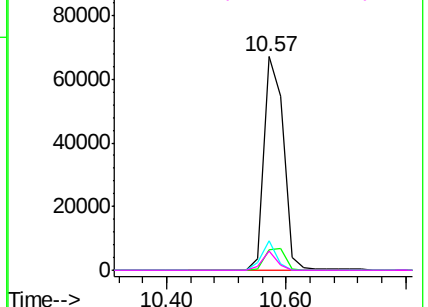


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.40 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

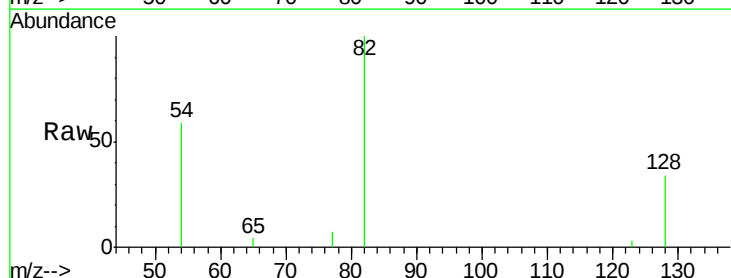
Tgt Ion: 82 Resp: 3132

Ion Ratio Lower Upper

82 100

128 33.6 25.4 38.0

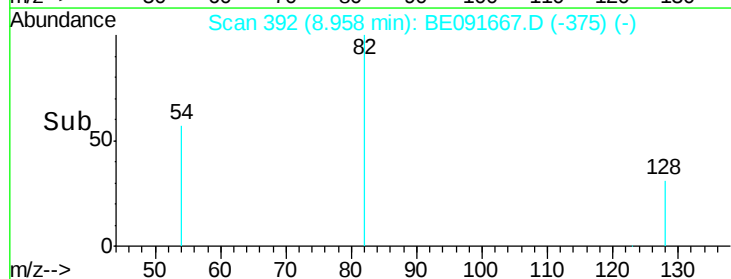
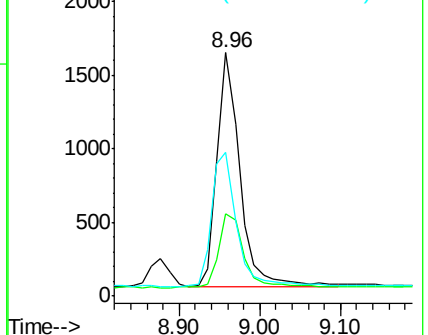
54 59.1 48.4 72.6

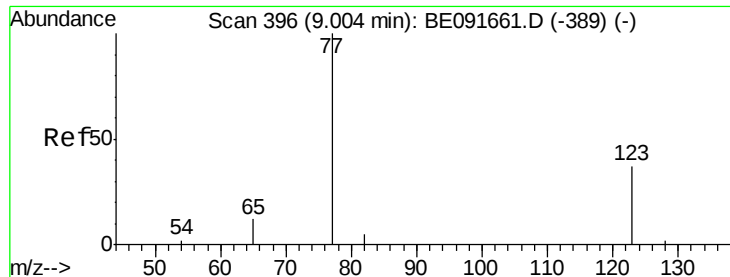


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.53 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

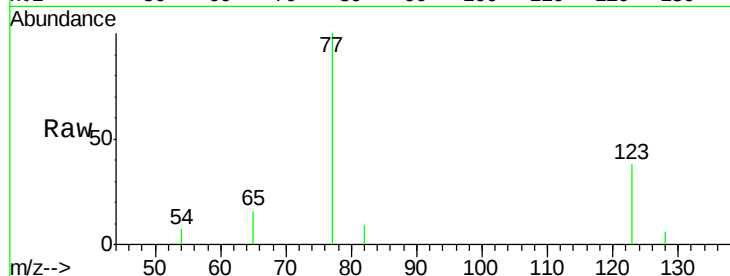
Tot Ion: 77 Resp: 3163

Ion Ratio Lower Upper

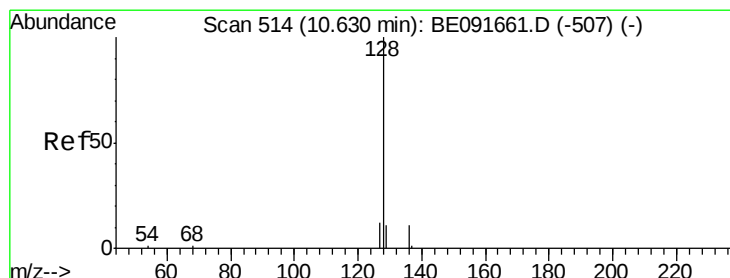
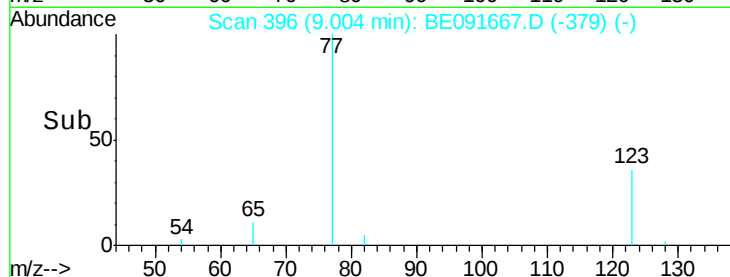
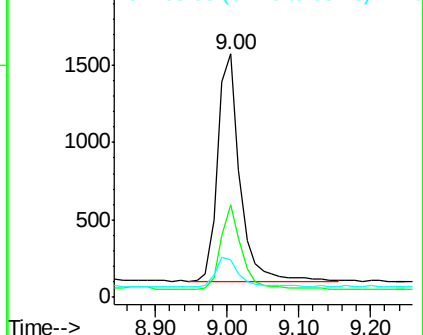
77 100

123 35.0 26.9 40.3

65 13.4 9.4 14.2



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



#10

Naphthalene

Concen: 0.41 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

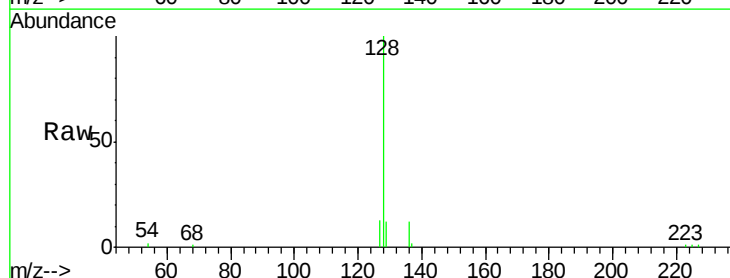
Tgt Ion: 128 Resp: 12718

Ion Ratio Lower Upper

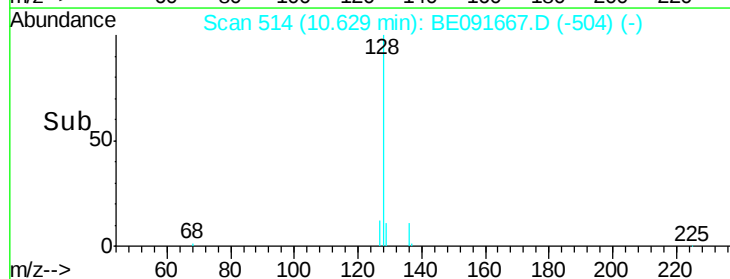
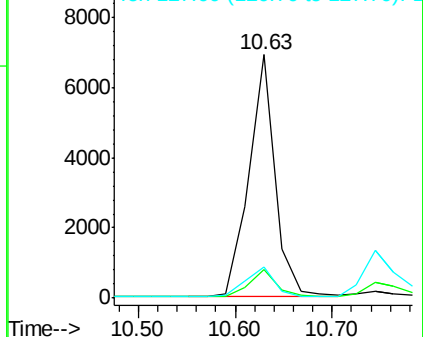
128 100

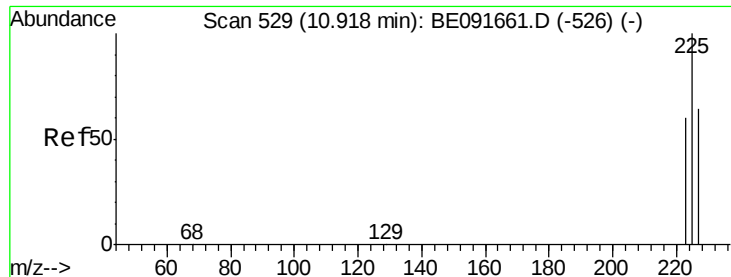
129 11.9 9.3 13.9

127 12.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

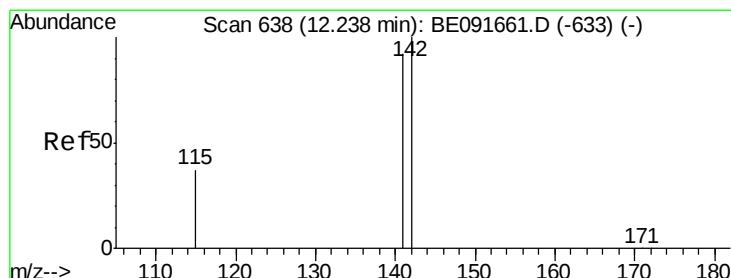
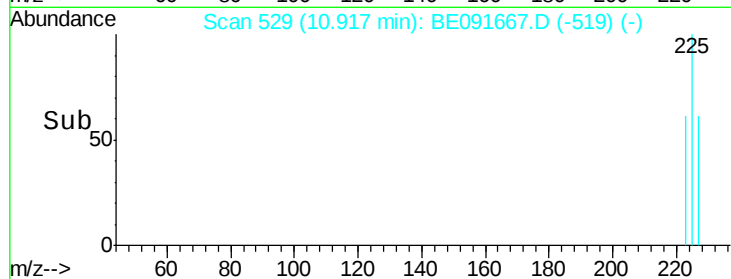
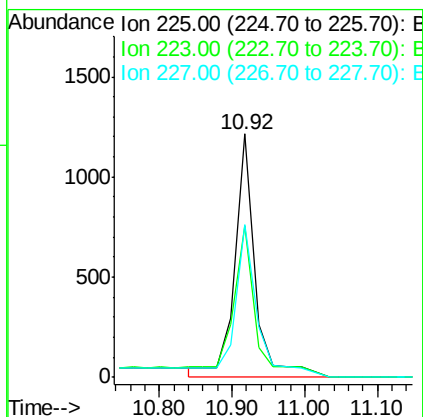
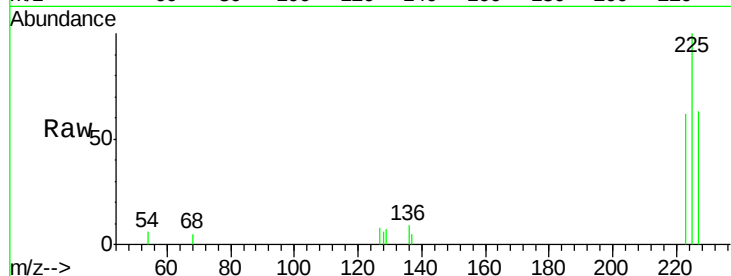




#11
Hexachlorobutadiene
Concen: 0.56 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

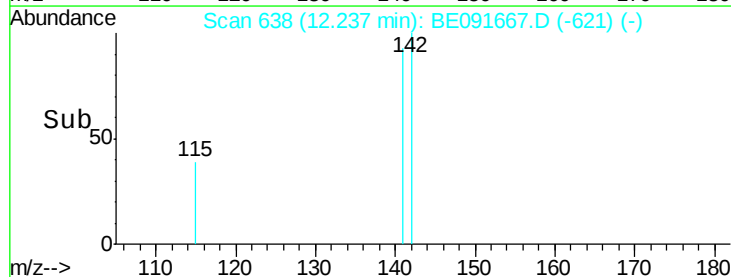
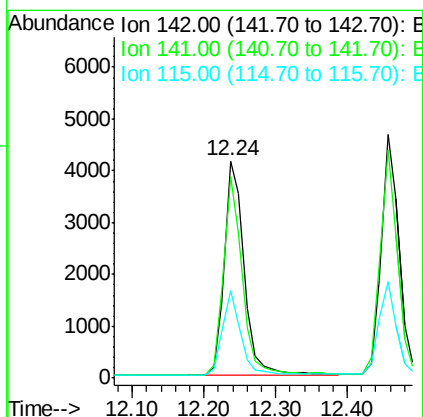
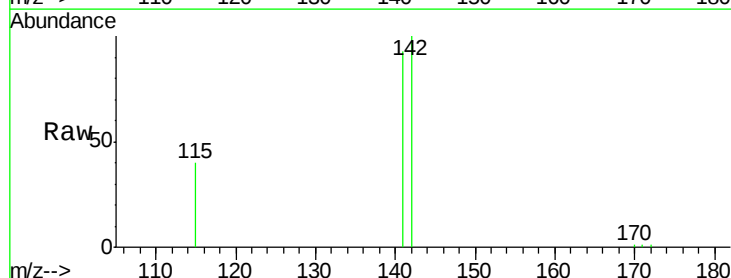
Instrument :
BNA_E
ClientSampleId :
ICVBE041816

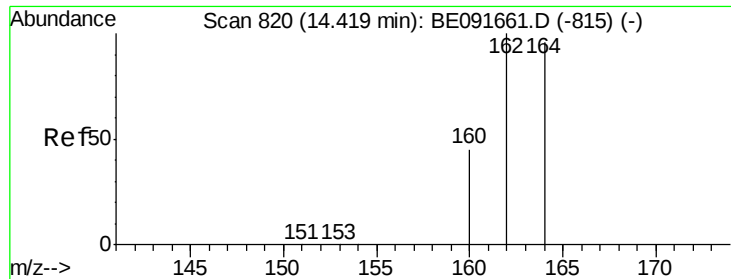
Tot Ion:225 Resp: 2515
Ion Ratio Lower Upper
225 100
223 68.5 49.0 73.6
227 68.0 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

Tgt Ion:142 Resp: 7934
Ion Ratio Lower Upper
142 100
141 93.0 71.4 107.0
115 40.2 30.3 45.5

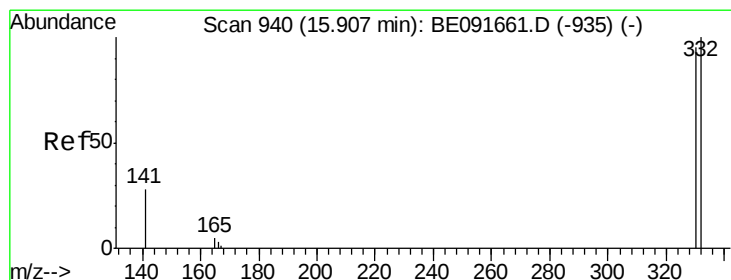
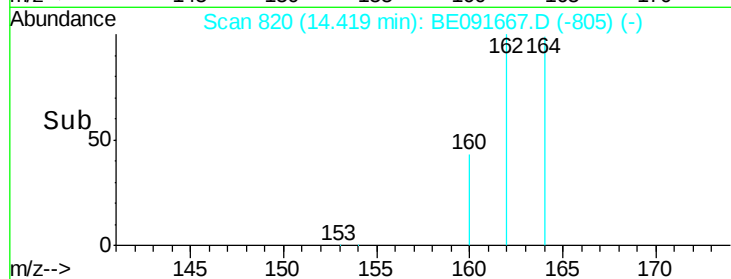
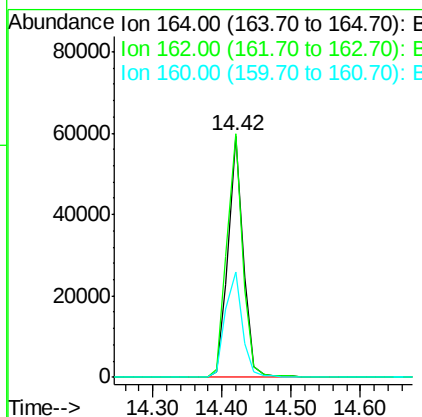
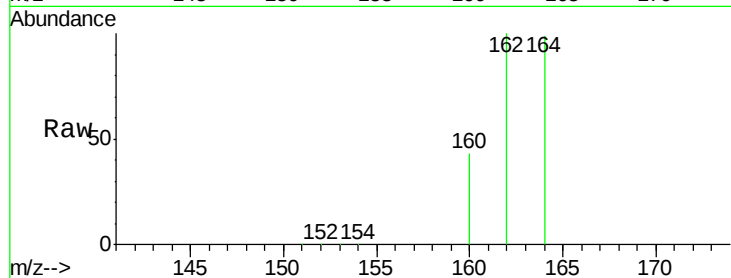




#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE091667.D
 Acq: 18 Apr 2016 16:19

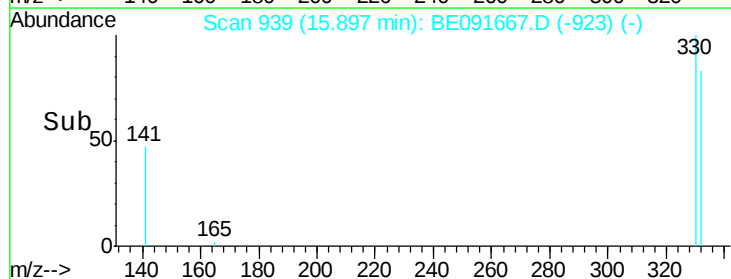
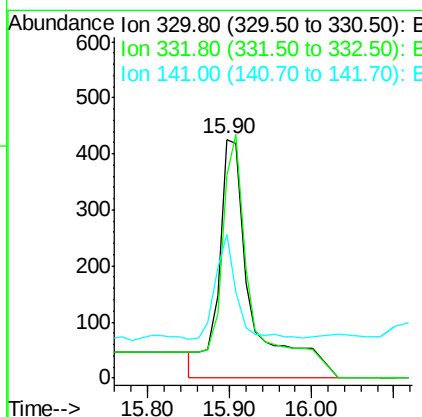
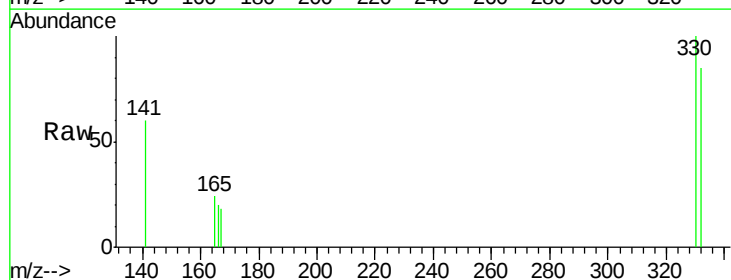
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE041816

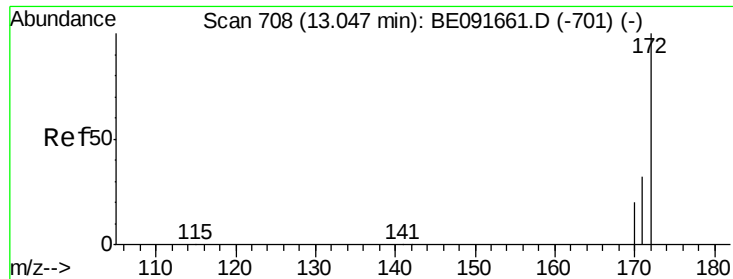
Tot Ion:164 Resp: 90976
 Ion Ratio Lower Upper
 164 100
 162 100.9 85.3 127.9
 160 43.4 46.2 69.2#



#14
 2,4,6-Tribromophenol
 Concen: 0.75 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091667.D
 Acq: 18 Apr 2016 16:19

Tgt Ion:330 Resp: 1309
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.1 118.7
 141 25.8 125.4 188.0#

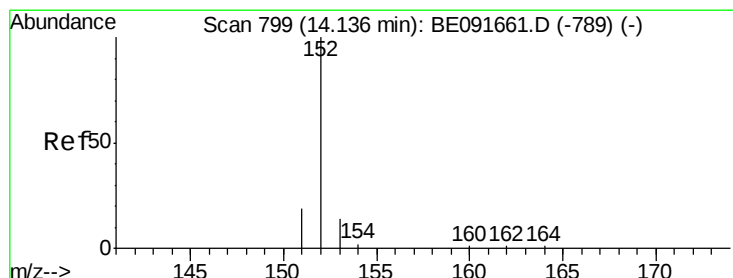
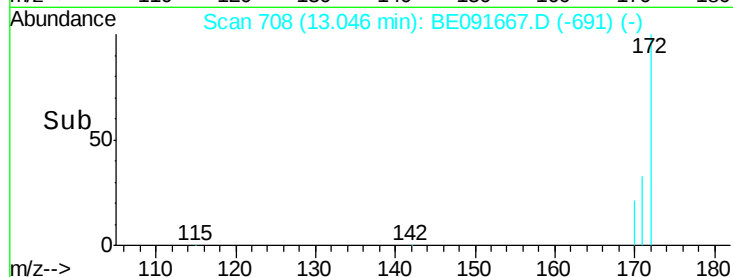
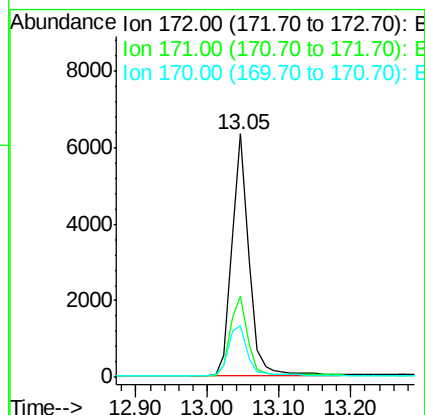
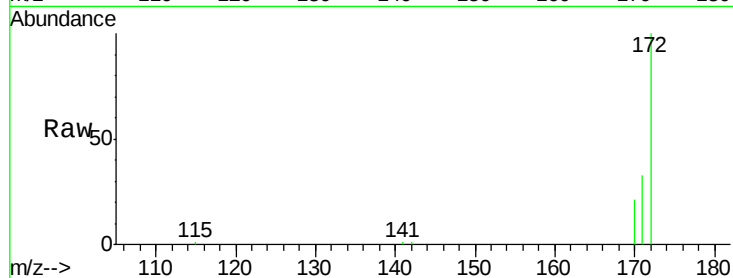




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

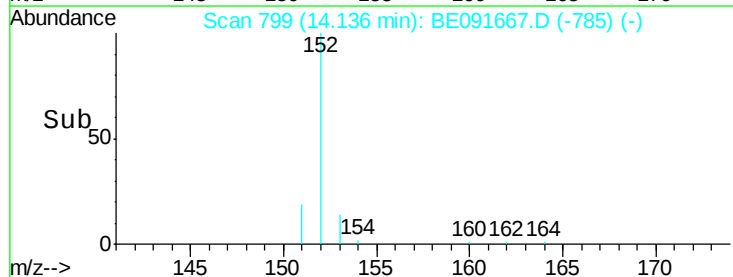
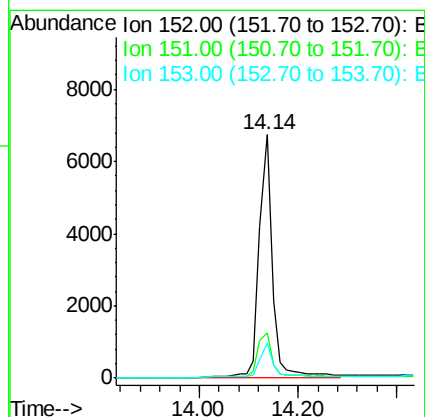
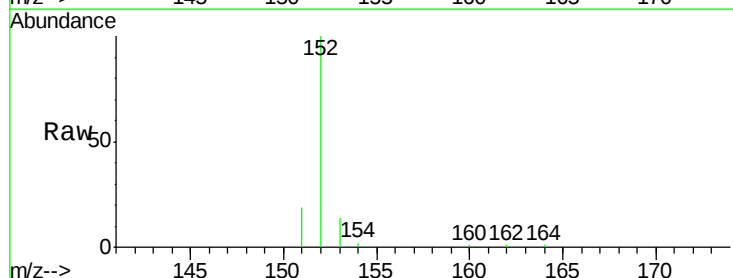
Instrument :
BNA_E
ClientSampleId :
ICVBE041816

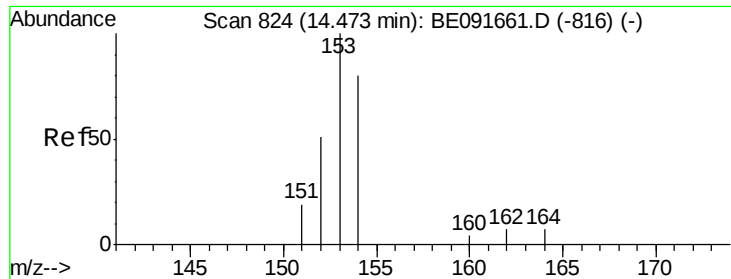
Tot Ion:172 Resp: 10410
Ion Ratio Lower Upper
172 100
171 33.3 28.8 43.2
170 21.4 19.3 28.9



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

Tgt Ion:152 Resp: 13528
Ion Ratio Lower Upper
152 100
151 18.8 3.9 5.9#
153 18.9 10.3 15.5#

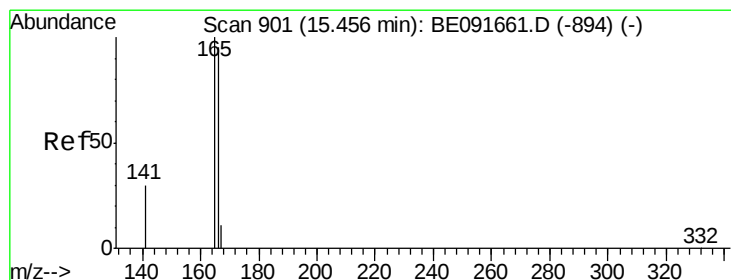
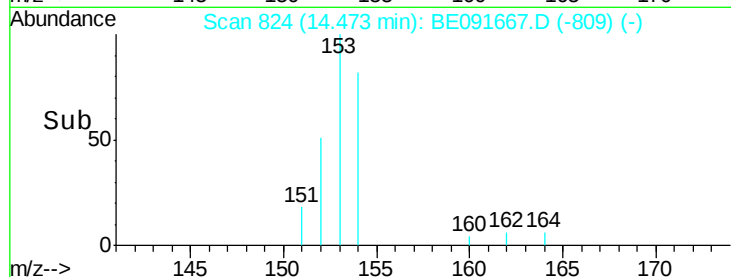
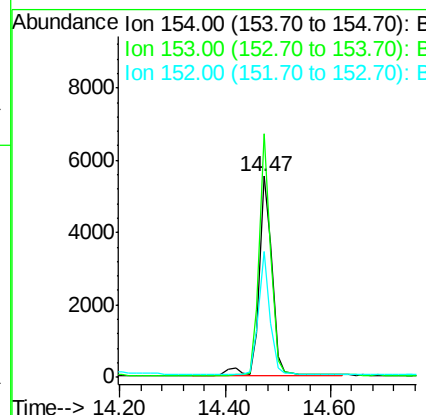
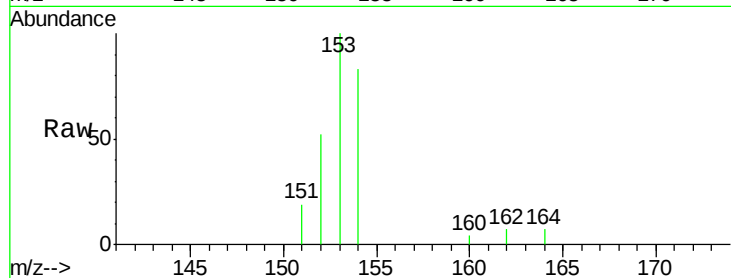




#17
Acenaphthene
Concen: 0.42 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

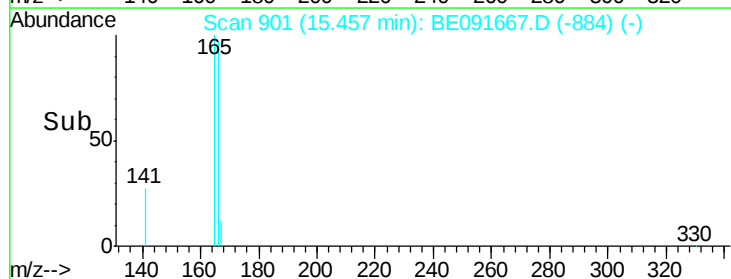
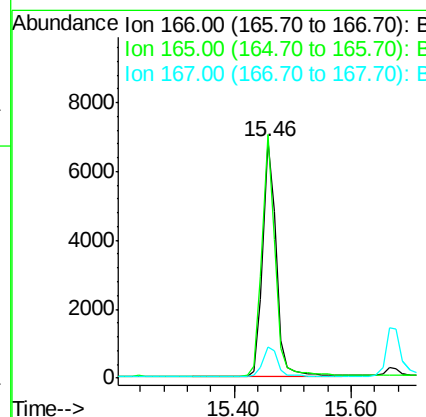
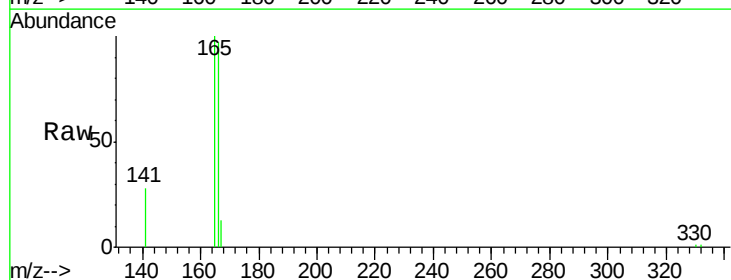
Instrument :
BNA_E
ClientSampleId :
ICVBE041816

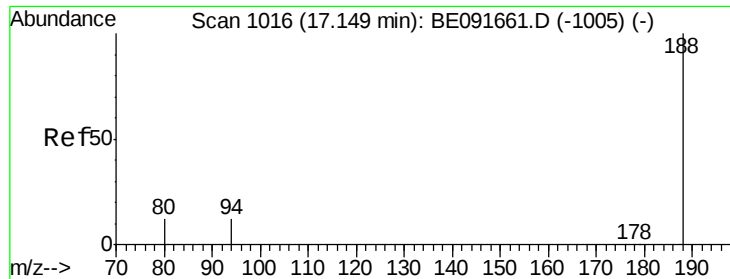
Tot Ion:154 Resp: 9388
Ion Ratio Lower Upper
154 100
153 109.9 80.0 120.0
152 55.5 40.0 60.0



#18
Fluorene
Concen: 0.40 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

Tgt Ion:166 Resp: 10982
Ion Ratio Lower Upper
166 100
165 99.7 80.8 121.2
167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

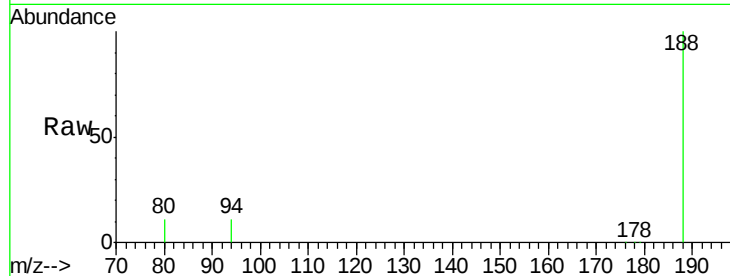
Tot Ion:188 Resp: 229151

Ion Ratio Lower Upper

188 100

94 11.1 8.7 13.1

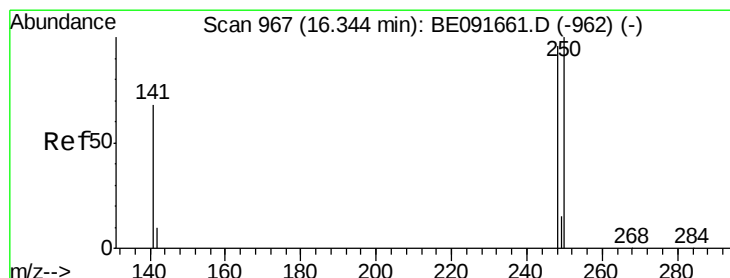
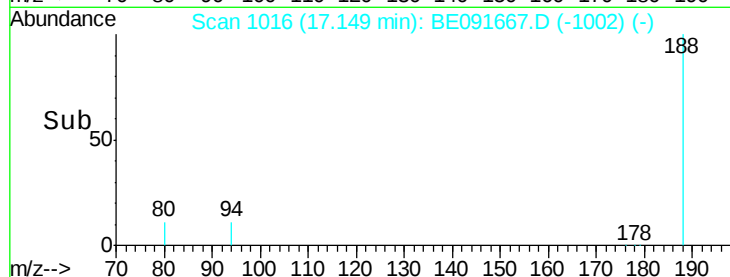
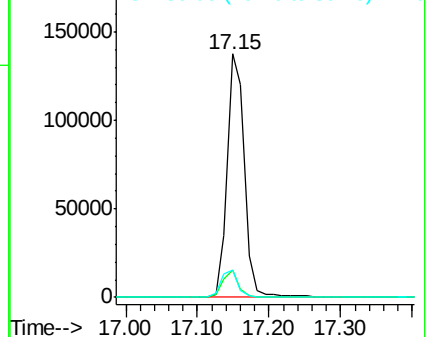
80 11.3 9.4 14.0



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



#20

4-Bromophenyl-phenylether

Concen: 0.40 ng

RT: 16.34 min Scan# 967

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

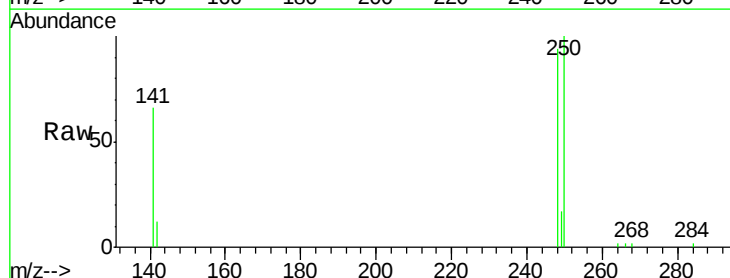
Tgt Ion:248 Resp: 3183

Ion Ratio Lower Upper

248 100

250 96.8 80.5 120.7

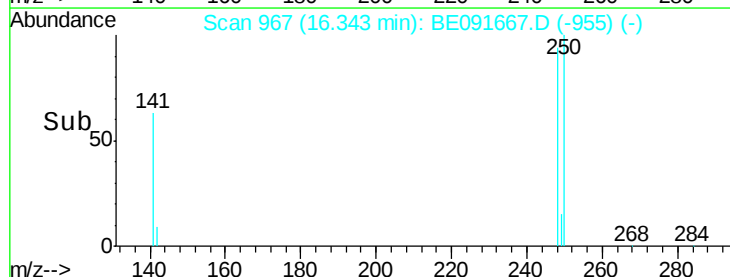
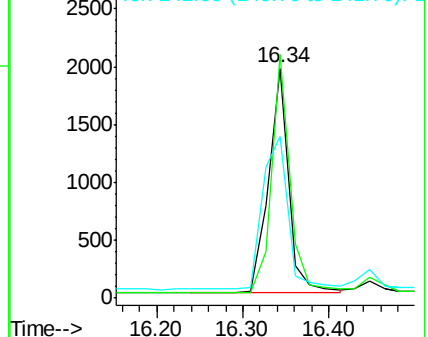
141 85.5 72.0 108.0

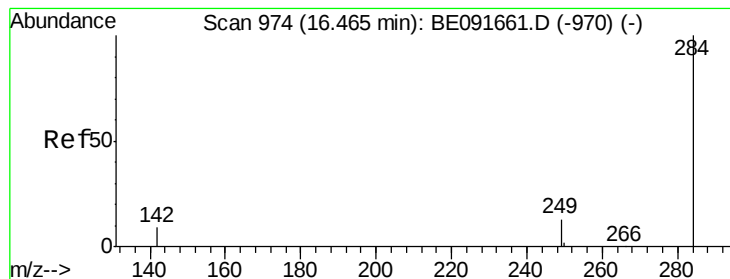


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.40 ng

RT: 16.46 min Scan# 974

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

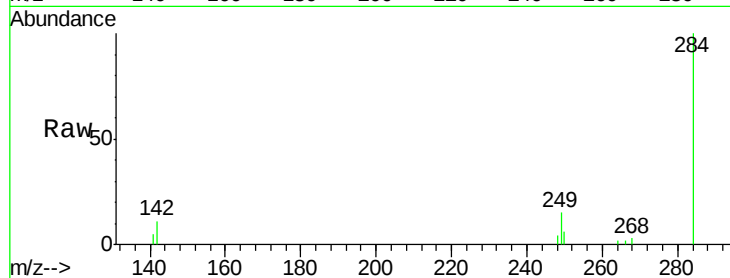
Tot Ion:284 Resp: 3350

Ion Ratio Lower Upper

284 100

142 42.9 32.2 48.2

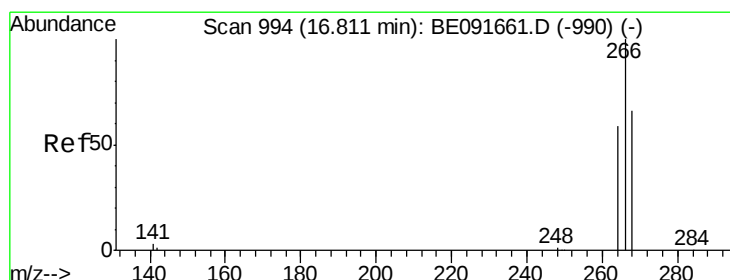
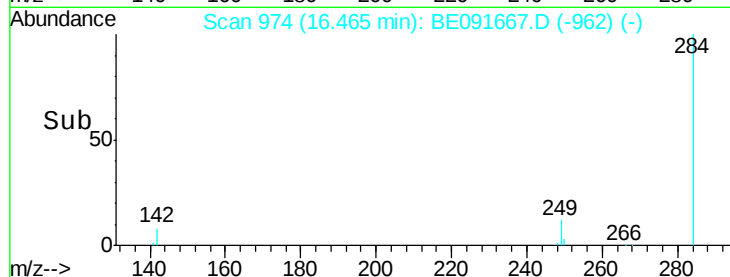
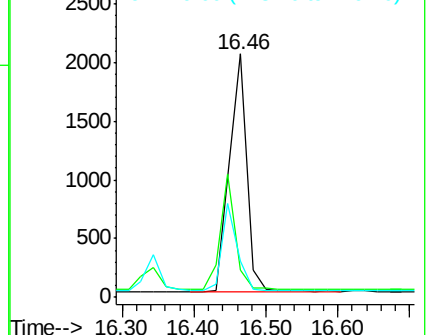
249 33.5 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.45 ng

RT: 16.81 min Scan# 994

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

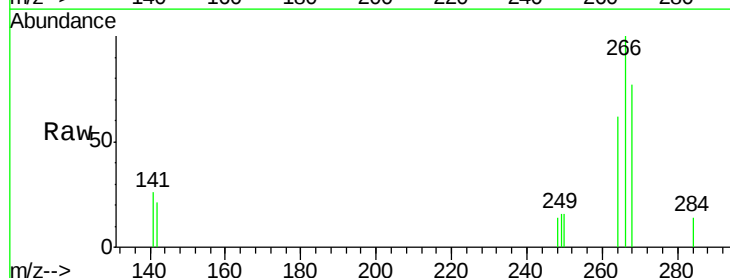
Tgt Ion:266 Resp: 793

Ion Ratio Lower Upper

266 100

268 77.0 58.2 87.2

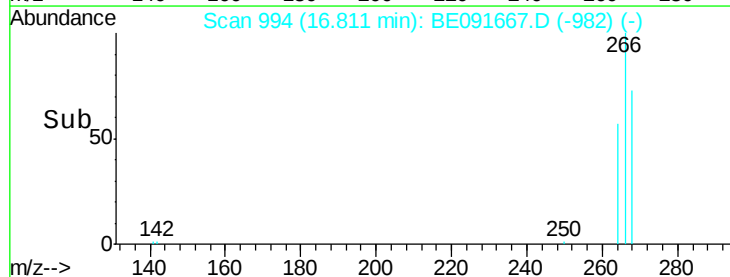
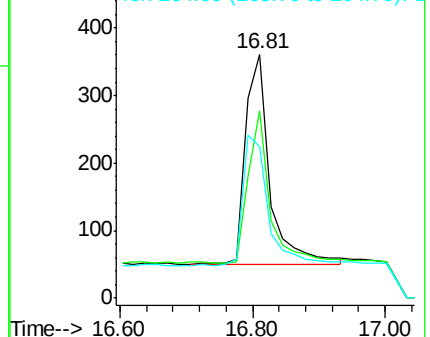
264 62.3 56.2 84.4

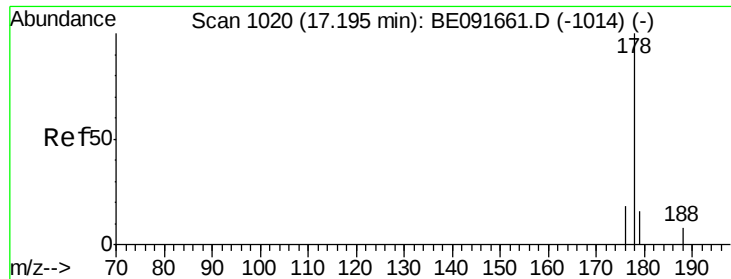


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.41 ng

RT: 17.19 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

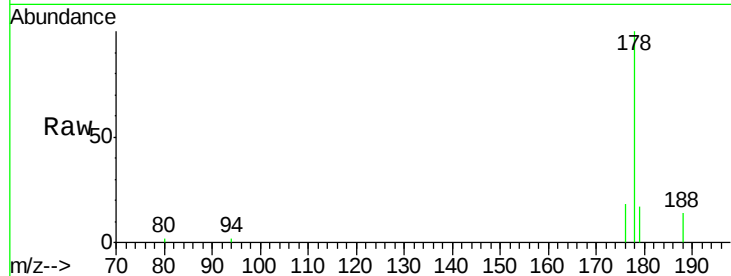
Tot Ion:178 Resp: 21545

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

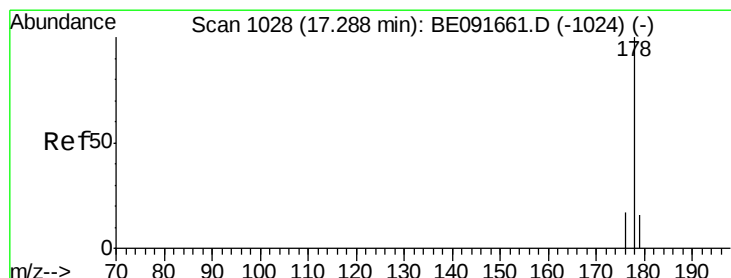
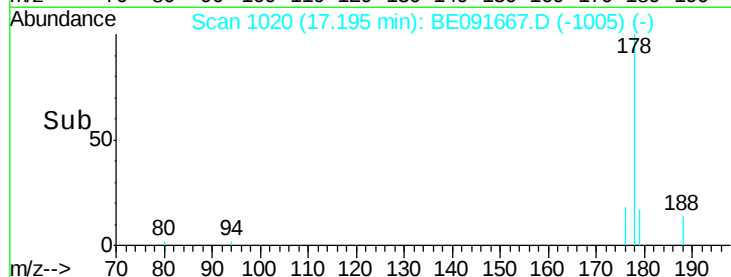
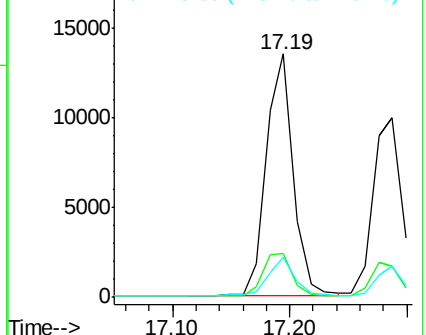
179 16.4 12.6 18.8



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



#24

Anthracene

Concen: 0.39 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

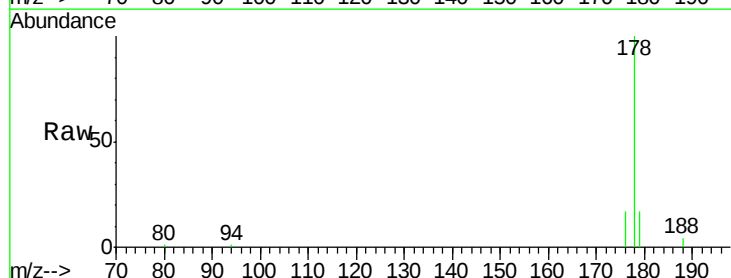
Tgt Ion:178 Resp: 18052

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

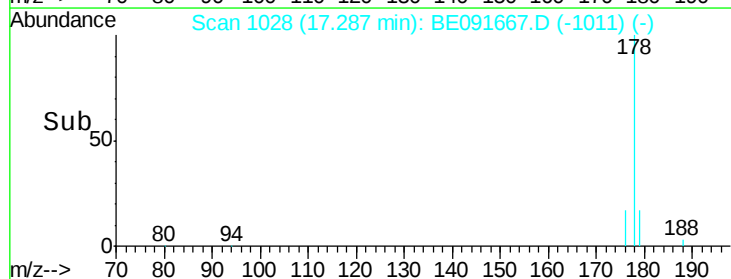
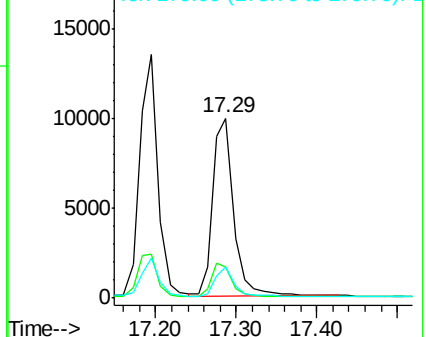
179 15.0 11.8 17.6

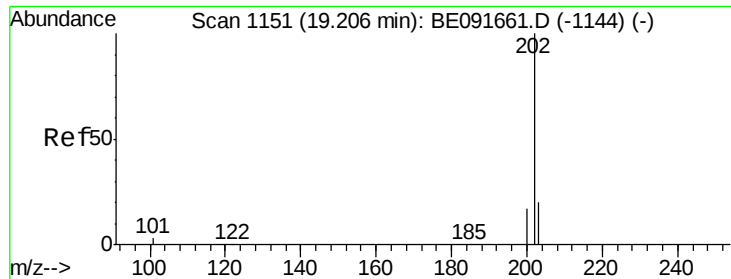


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.41 ng

RT: 19.20 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

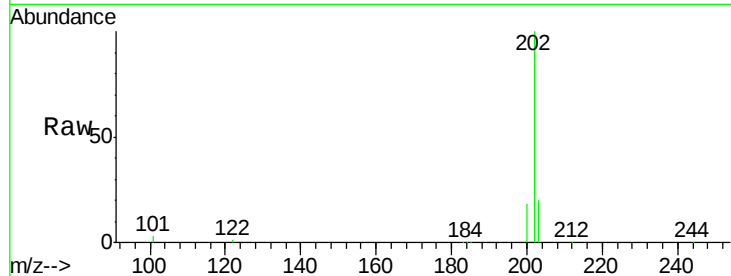
Tot Ion:202 Resp: 21394

Ion Ratio Lower Upper

202 100

101 11.9 11.0 16.6

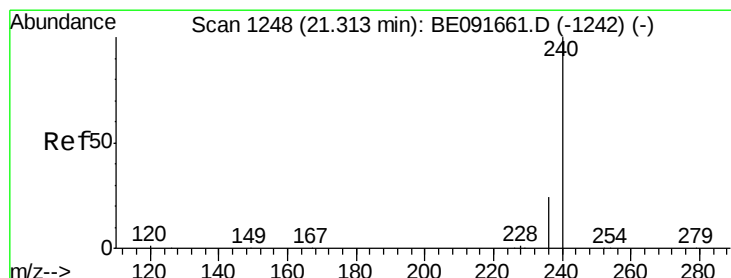
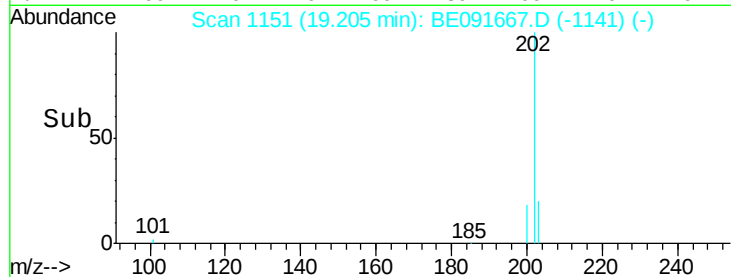
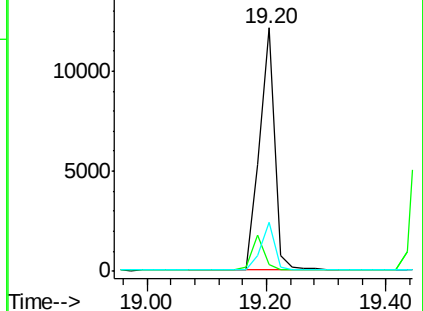
203 18.0 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

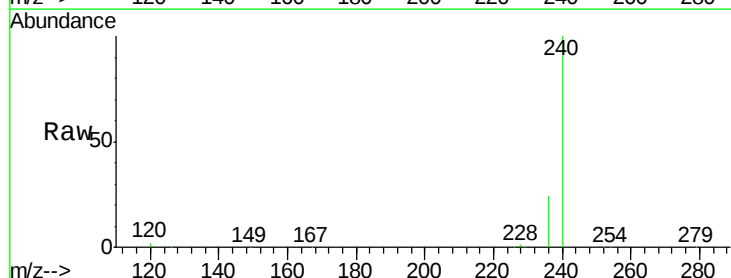
Tgt Ion:240 Resp: 287502

Ion Ratio Lower Upper

240 100

120 1.6 11.0 16.4#

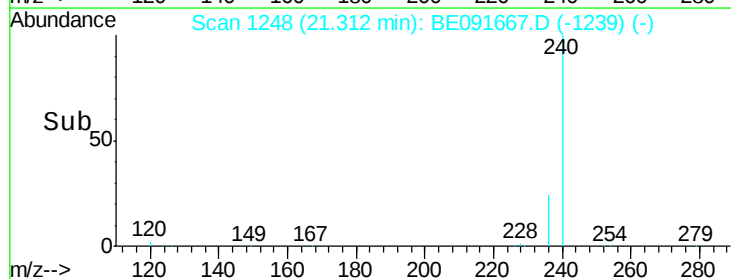
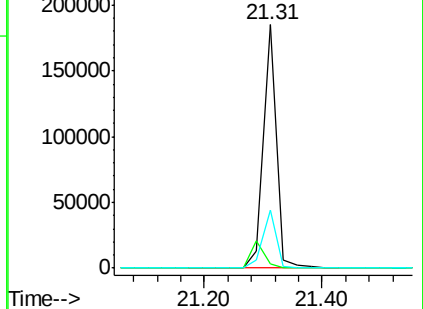
236 23.9 21.7 32.5

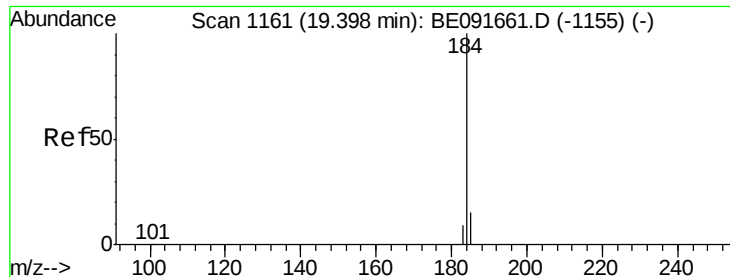


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.41 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

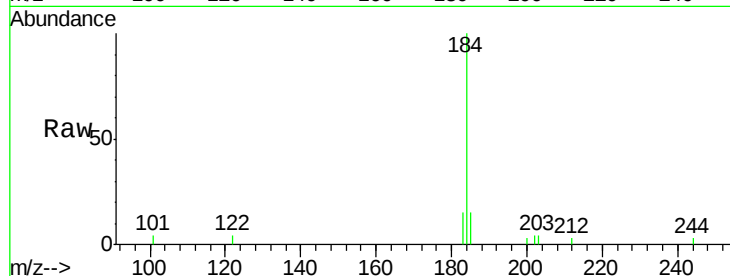
Tot Ion:184 Resp: 5563

Ion Ratio Lower Upper

184 100

185 15.4 22.3 33.5#

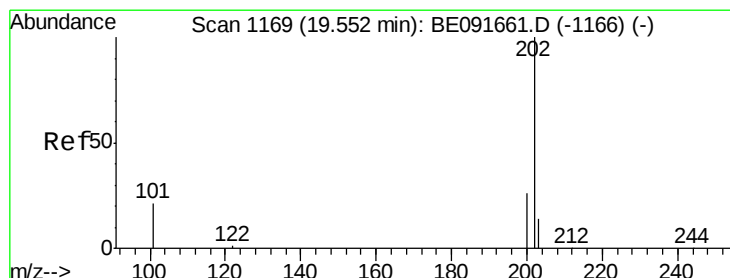
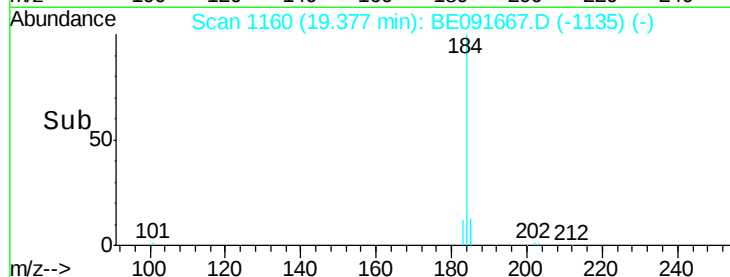
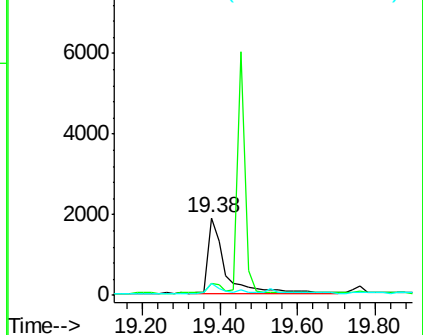
183 14.7 16.4 24.6#



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



#28

Pyrene

Concen: 0.46 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

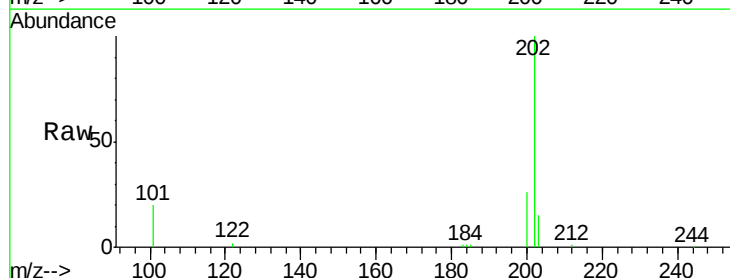
Tgt Ion:202 Resp: 26702

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

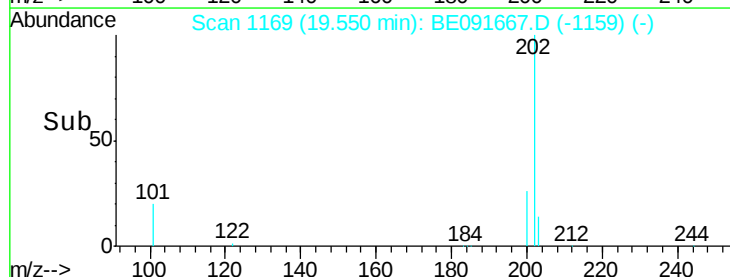
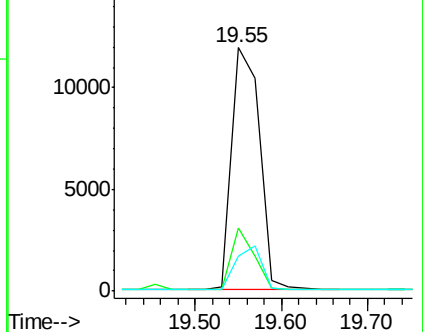
203 17.6 14.0 21.0

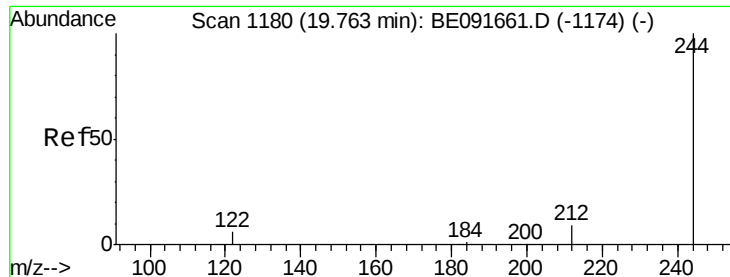


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.41 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

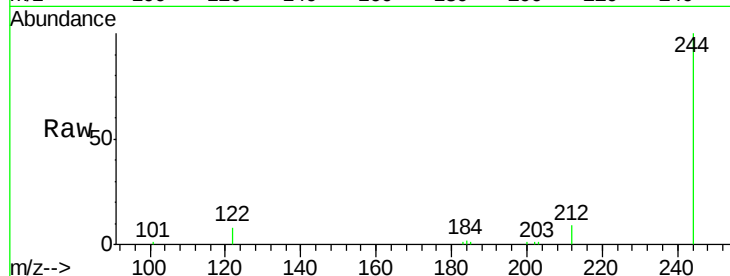
Tot Ion:244 Resp: 16135

Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

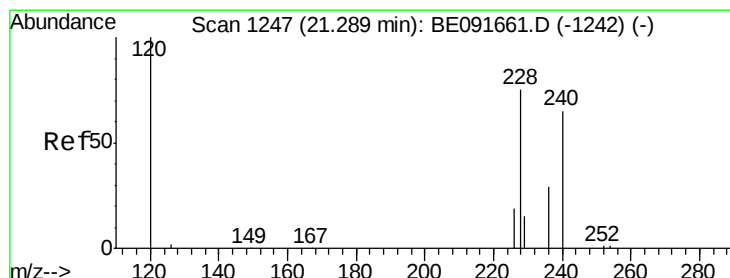
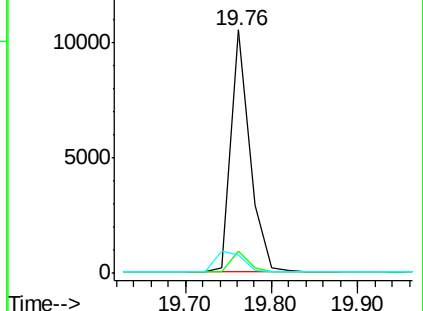
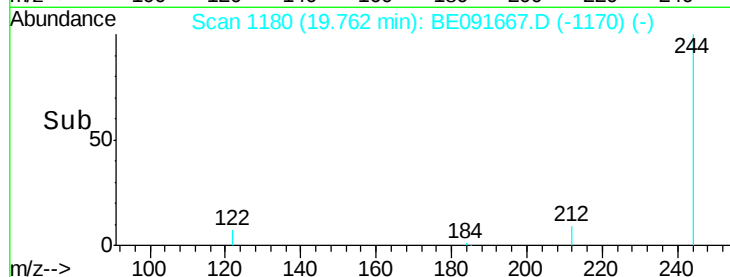
122 7.8 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.83 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

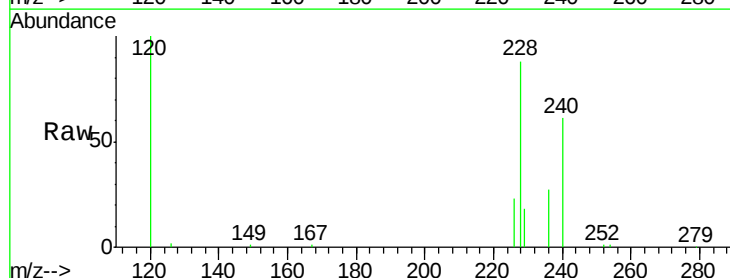
Tgt Ion:228 Resp: 55442

Ion Ratio Lower Upper

228 100

226 25.5 21.0 31.4

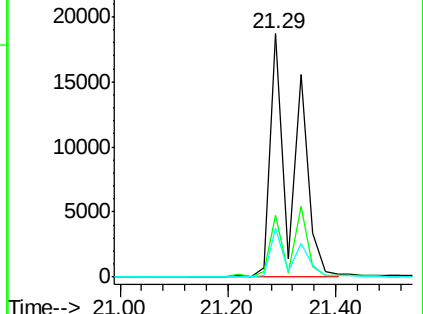
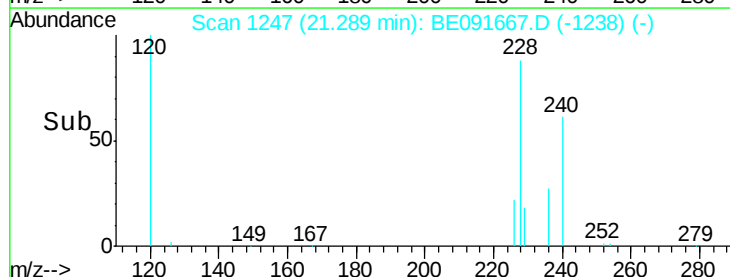
229 20.1 15.7 23.5

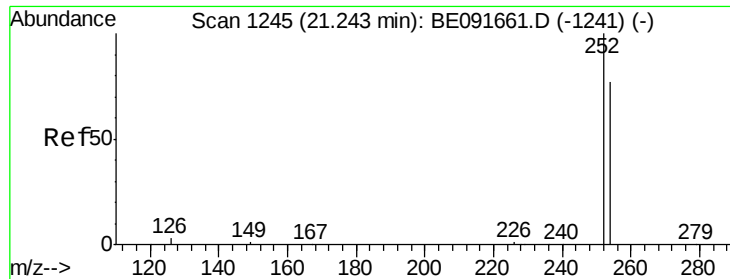


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

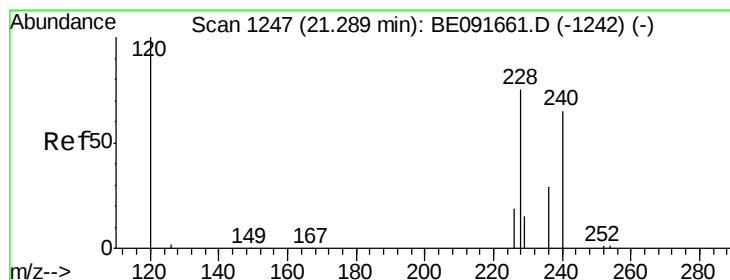
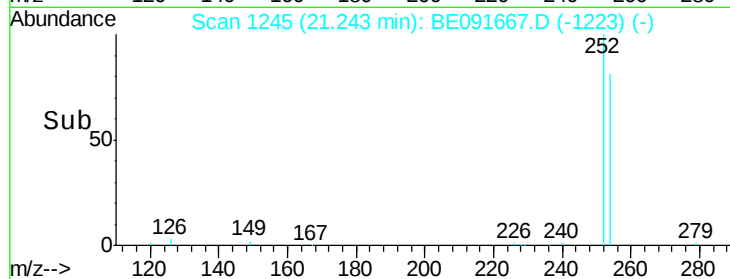
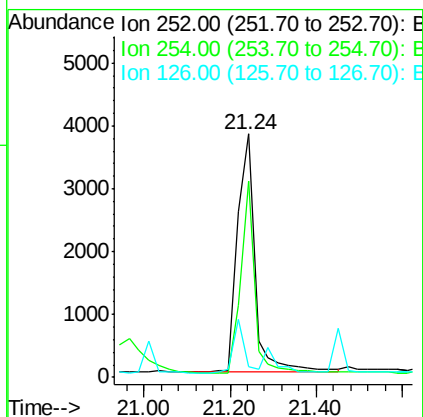
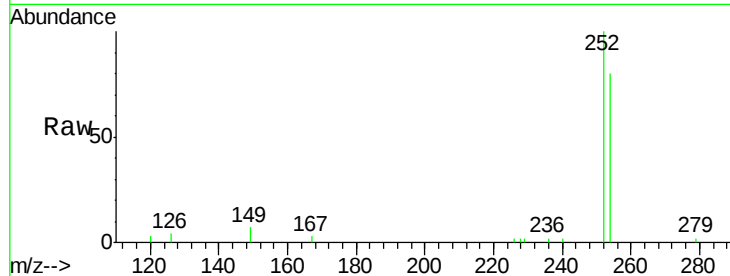




#31
 3,3'-Dichlorobenzidine
 Concen: 0.51 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BE091667.D
 Acq: 18 Apr 2016 16:19

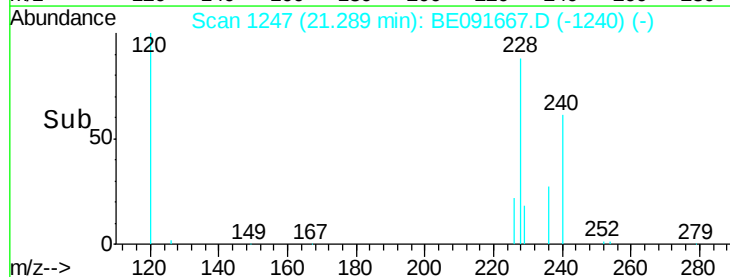
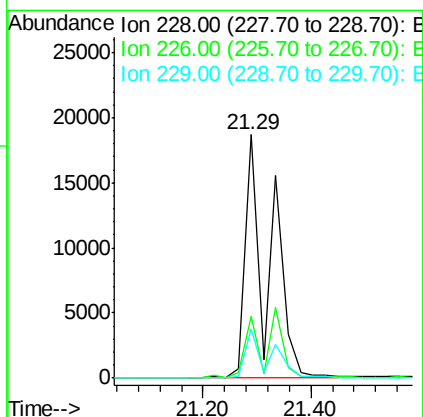
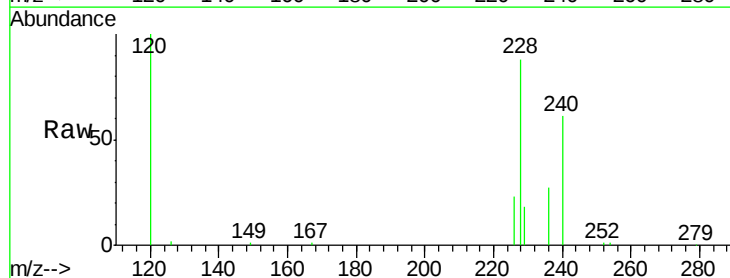
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE041816

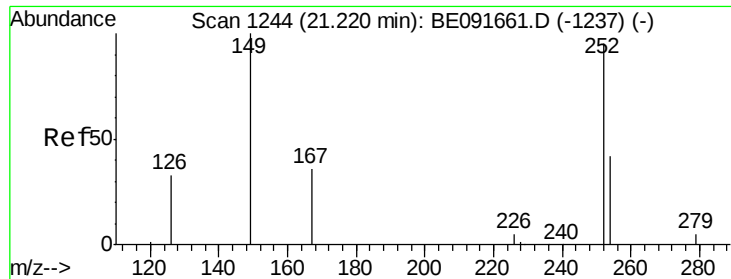
Tot Ion:252 Resp: 10402
 Ion Ratio Lower Upper
 252 100
 254 80.5 51.1 76.7#
 126 4.5 12.6 18.8#



#32
 Chrysene
 Concen: 0.82 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091667.D
 Acq: 18 Apr 2016 16:19

Tgt Ion:228 Resp: 55736
 Ion Ratio Lower Upper
 228 100
 226 25.5 24.0 36.0
 229 20.1 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.55 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

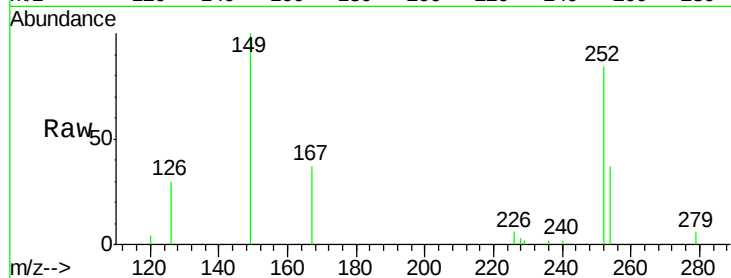
Tot Ion:149 Resp: 5843

Ion Ratio Lower Upper

149 100

167 30.1 19.5 29.3#

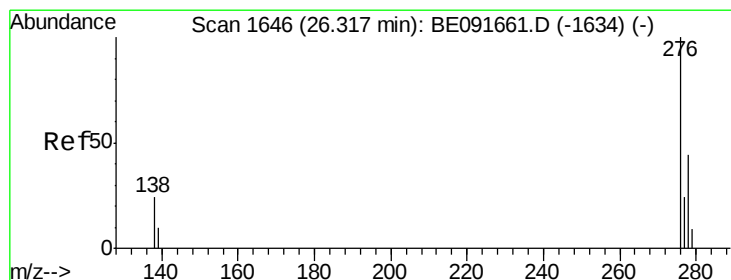
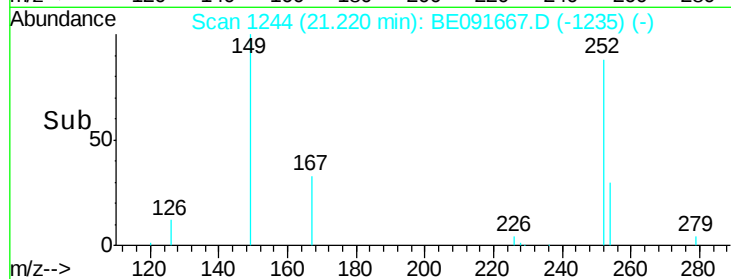
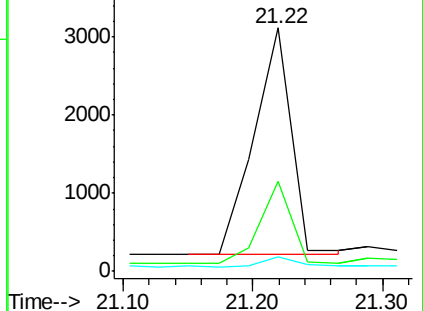
279 3.9 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng

RT: 26.32 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

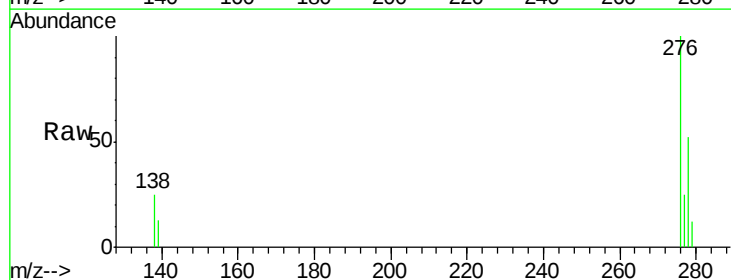
Tgt Ion:276 Resp: 25899

Ion Ratio Lower Upper

276 100

138 26.0 23.4 35.2

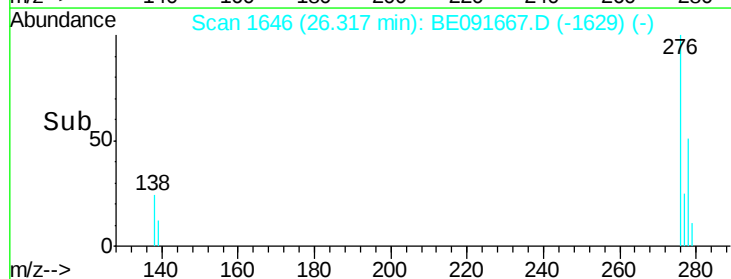
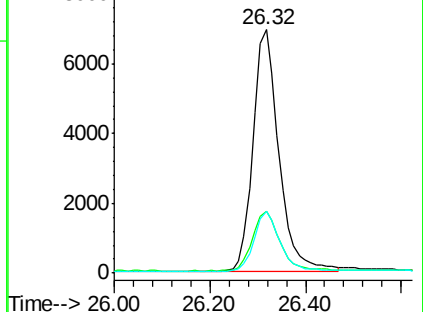
277 24.6 19.8 29.8

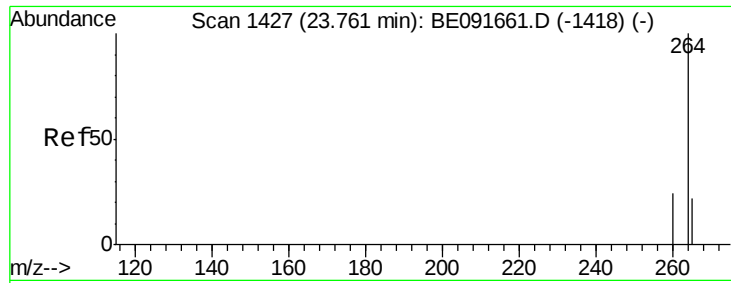


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



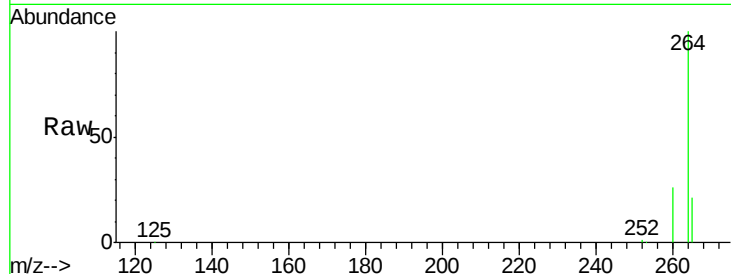


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

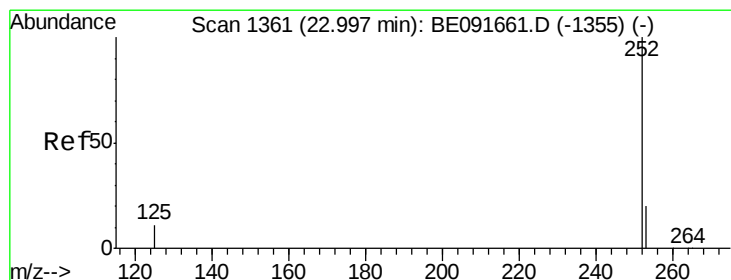
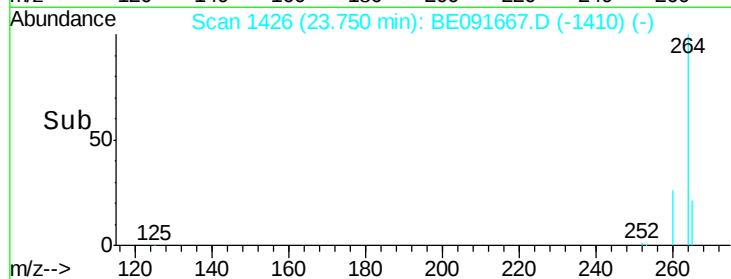
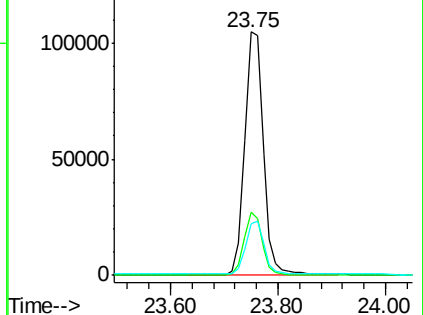
Instrument :
BNA_E
ClientSampleId :
ICVBE041816

Tot Ion:264 Resp: 252532

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.0	30.0
265	21.2	17.5	26.3



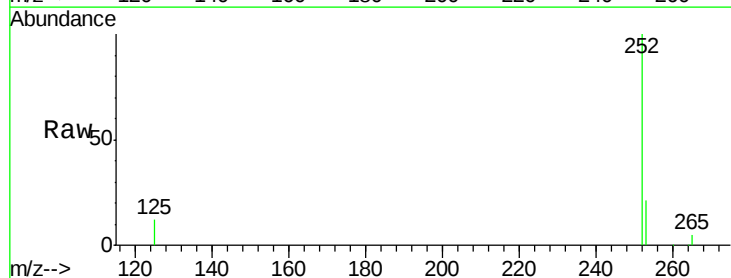
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



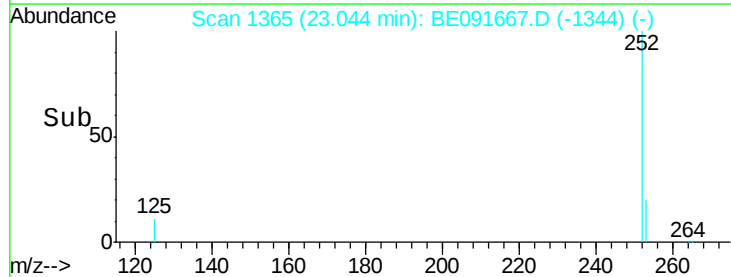
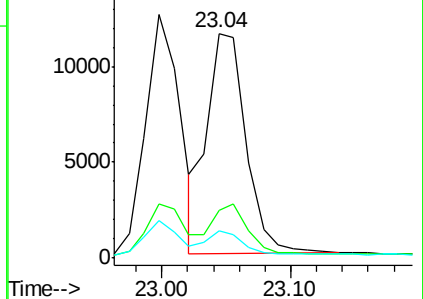
#36
Benzo(b)fluoranthene
Concen: 0.43 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.05 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

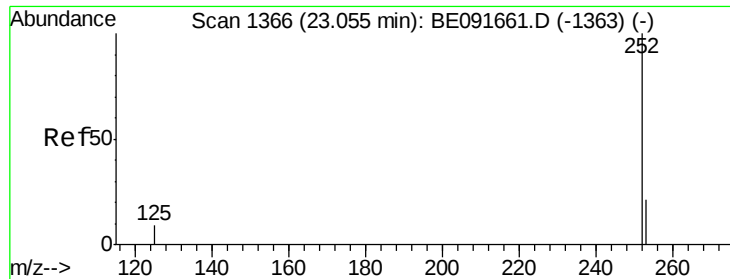
Tgt Ion:252 Resp: 24023

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	12.3	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

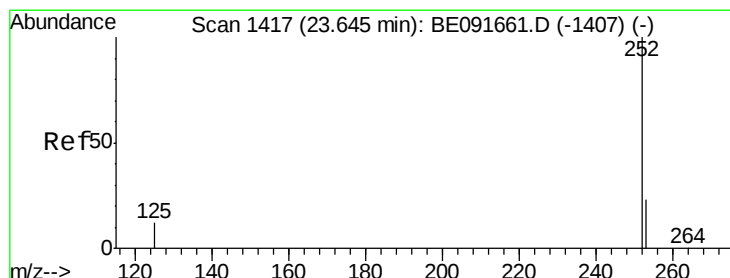
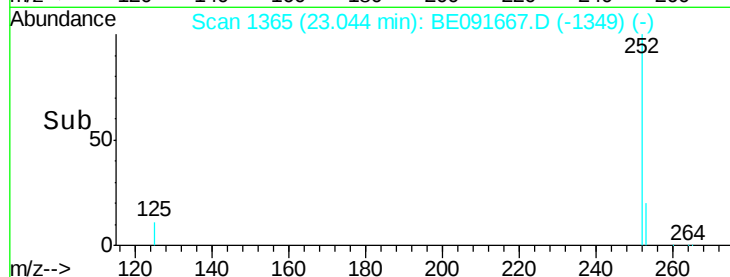
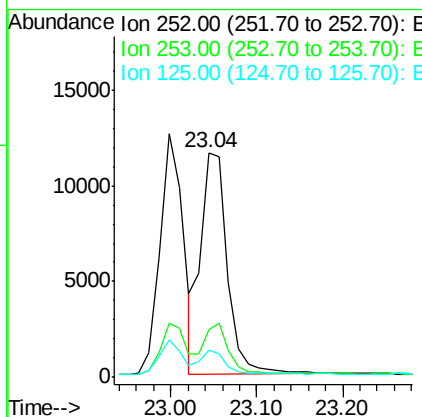
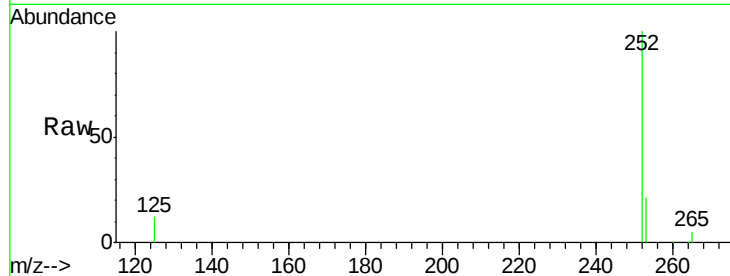




#37
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 23.04 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

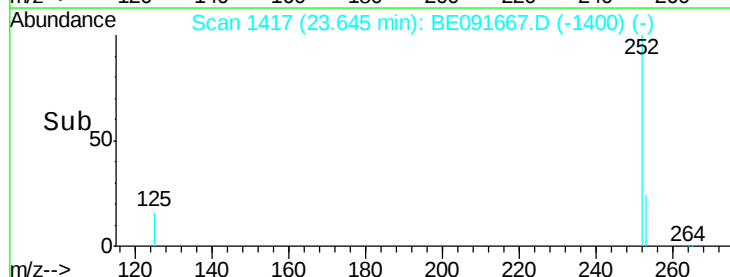
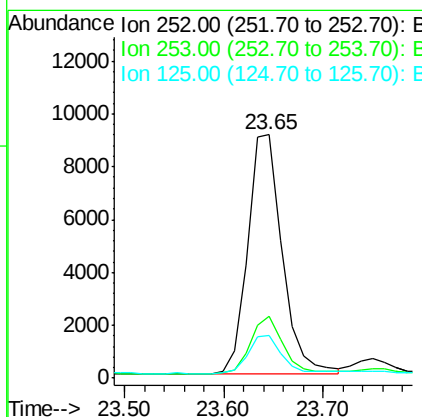
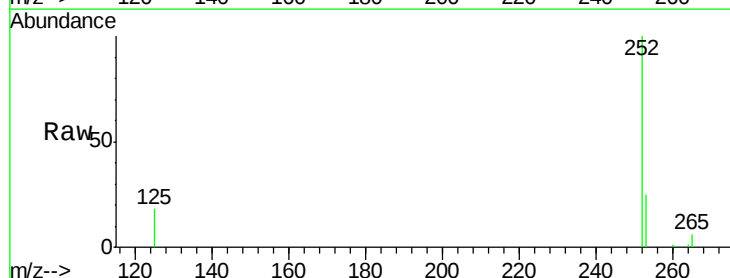
Instrument :
BNA_E
ClientSampleId :
ICVBE041816

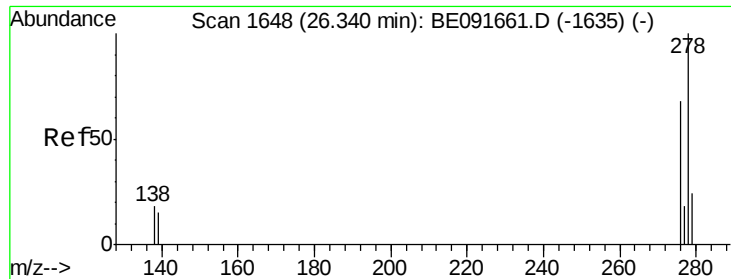
Tot Ion:252 Resp: 24756
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 12.3 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091667.D
Acq: 18 Apr 2016 16:19

Tgt Ion:252 Resp: 21896
Ion Ratio Lower Upper
252 100
253 25.2 18.1 27.1
125 17.6 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.42 ng

RT: 26.34 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_E

ClientSampleId :

ICVBE041816

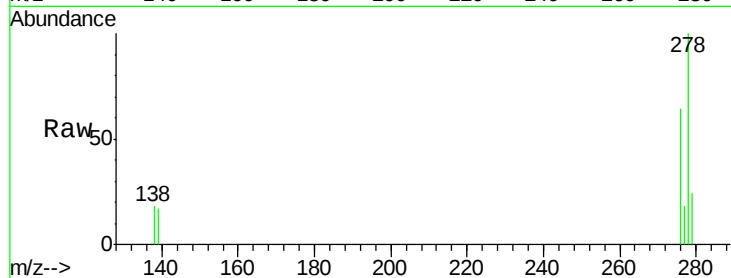
Tot Ion:278 Resp: 21320

Ion Ratio Lower Upper

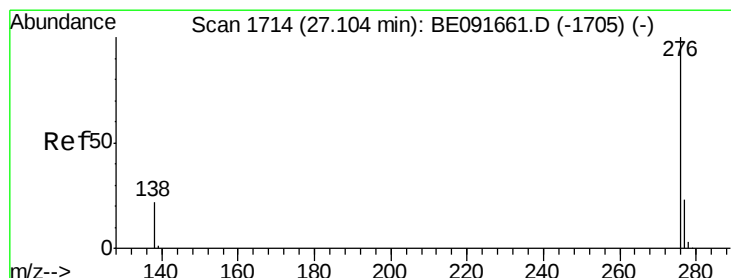
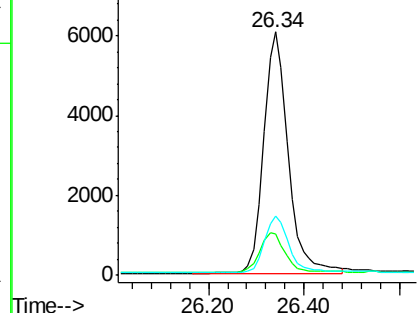
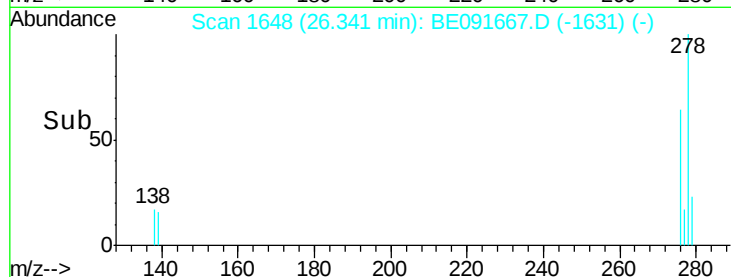
278 100

139 16.8 16.0 24.0

279 24.5 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.41 ng

RT: 27.10 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE091667.D

Acq: 18 Apr 2016 16:19

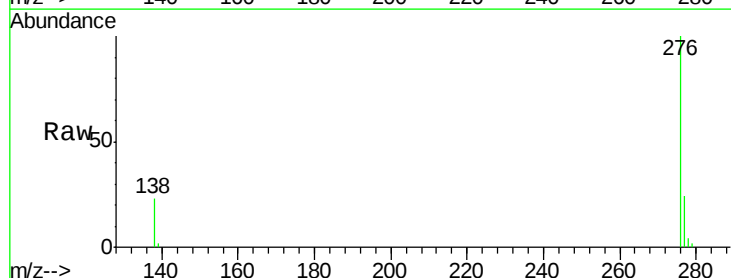
Tgt Ion:276 Resp: 21394

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 23.2 20.4 30.6



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

