

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
 Data File : BE092477.D
 Acq On : 25 Oct 2016 13:28
 Operator : UM/SJ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 25 14:13:38 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 13:01:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10330	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	53380	5.00	ng	-0.02
12) Acenaphthene-d10	14.82	164	36292	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	70499	5.00	ng	-0.02
24) Chrysene-d12	21.75	240	87892	5.00	ng	0.00
31) Perylene-d12	24.11	264	71113	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.66	112	11134	5.40	ng	-0.03
5) Phenol-d6	7.31	99	16682	5.82	ng	-0.05
8) Nitrobenzene-d5	9.32	82	19138	6.00	ng	-0.05
13) 2,4,6-Tribromophenol	16.31	330	5432	5.19	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	45985	5.35	ng	-0.01
26) Terphenyl-d14	20.17	244	57033	5.23	ng	-0.02

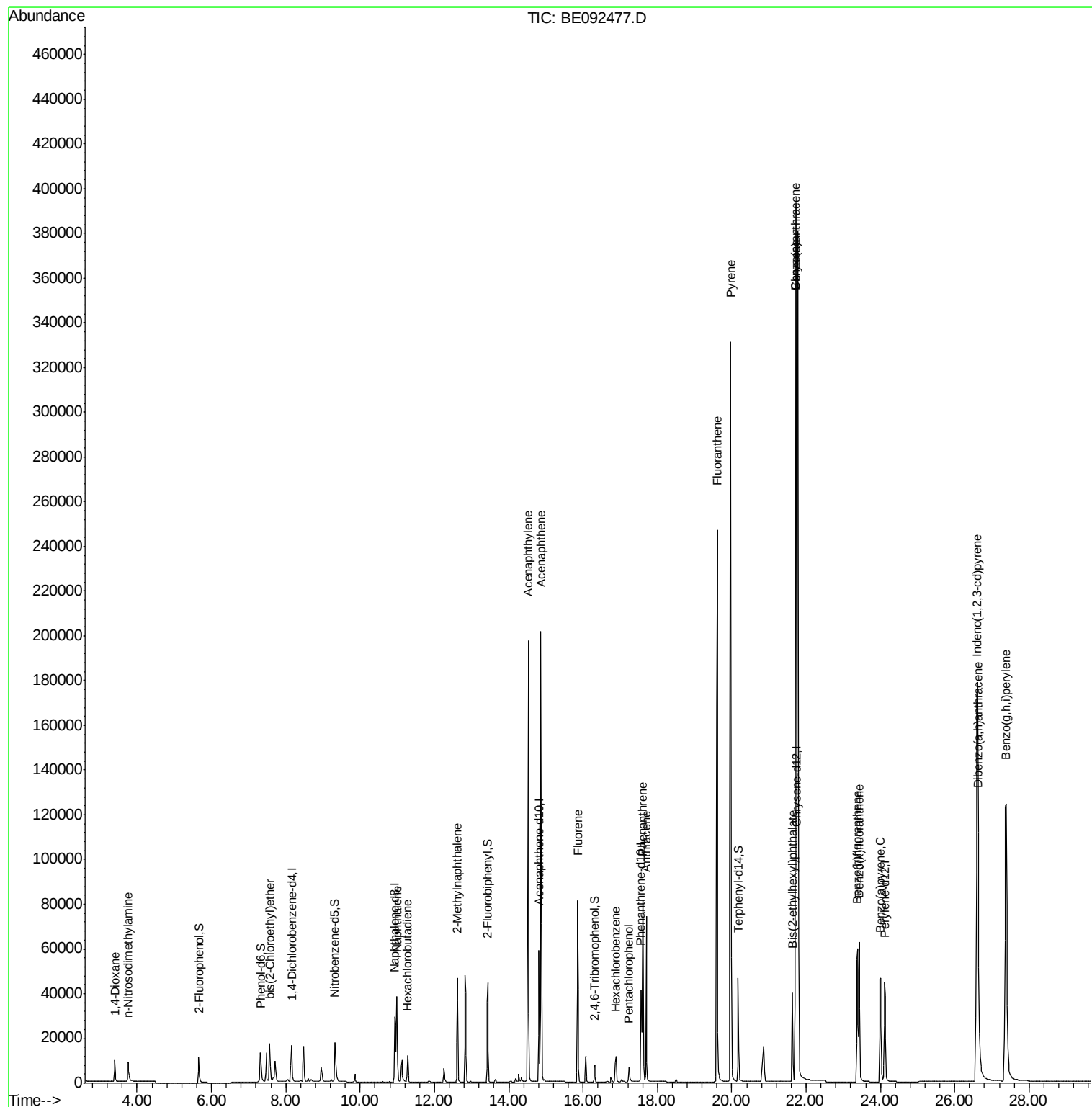
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	5737	4.37	ng	92
3) n-Nitrosodimethylamine	3.74	42	8984	7.40	ng	94
6) bis(2-Chloroethyl)ether	7.57	93	16699	6.61	ng	95
9) Naphthalene	10.99	128	54975	4.76	ng	94
10) Hexachlorobutadiene	11.28	225	8381	4.61	ng	99
11) 2-Methylnaphthalene	12.61	142	37272	4.87	ng	97
15) Acenaphthylene	14.53	152	265376	5.05	ng	100
16) Acenaphthene	14.87	154	39433	4.79	ng	94
17) Fluorene	15.86	166	51122	4.90	ng	99
19) Hexachlorobenzene	16.89	284	14749	4.89	ng	# 39
20) Pentachlorophenol	17.24	266	5608	7.94	ng	86
21) Phenanthrene	17.60	178	92349	5.70	ng	# 94
22) Anthracene	17.70	178	89129	5.72	ng	99
23) Fluoranthene	19.61	202	367232	4.77	ng	99
25) Pyrene	19.97	202	395616	5.19	ng	100
27) Benzo(a)anthracene	21.72	228	824157	9.62	ng	# 86
28) Chrysene	21.72	228	825988	10.53	ng	# 67
29) Bis(2-ethylhexyl)phthalate	21.63	149	50252	6.81	ng	# 77
30) Indeno(1,2,3-cd)pyrene	26.60	276	393176	4.72	ng	98
32) Benzo(b)fluoranthene	23.38	252	94367	5.48	ng	# 97
33) Benzo(k)fluoranthene	23.43	252	87357	4.85	ng	95
34) Benzo(a)pyrene	24.01	252	85451	5.06	ng	# 96
35) Dibenzo(a,h)anthracene	26.63	278	81010	5.24	ng	95
36) Benzo(g,h,i)perylene	27.38	276	333237	5.01	ng	96

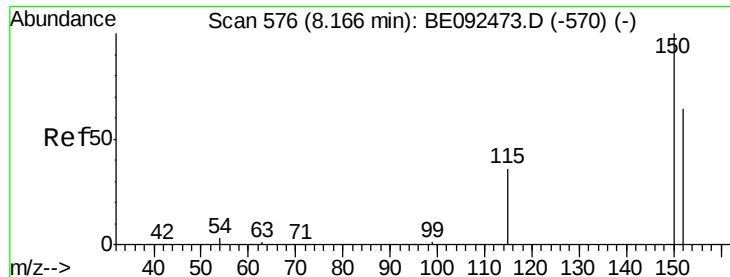
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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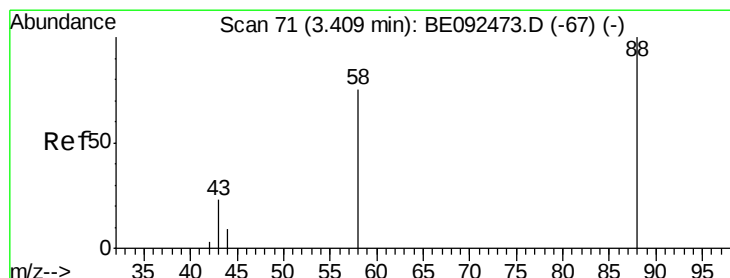
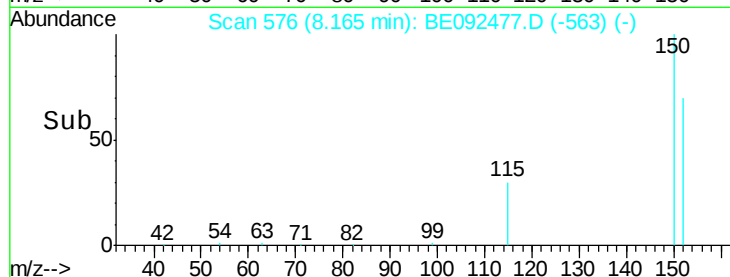
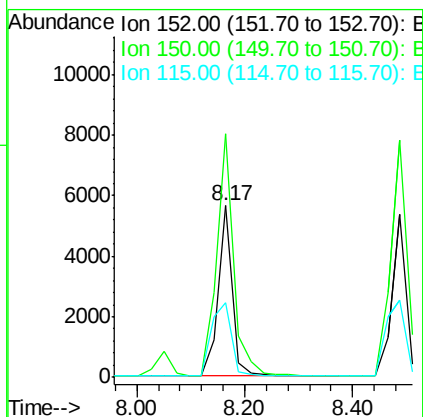
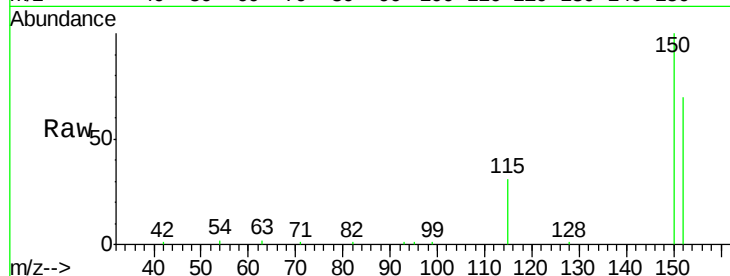


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

Instrument :
BNA_E
ClientSampleId :

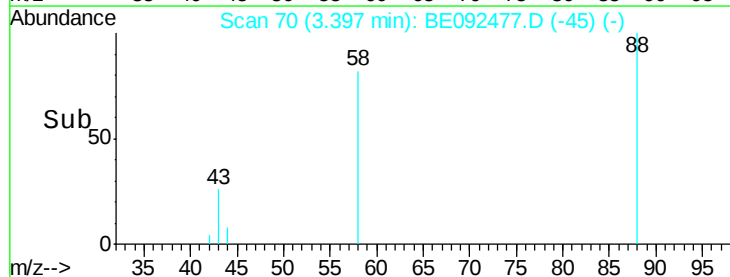
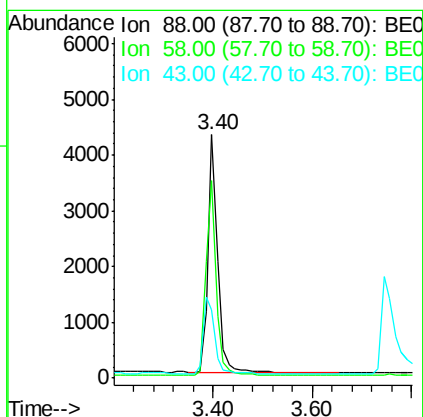
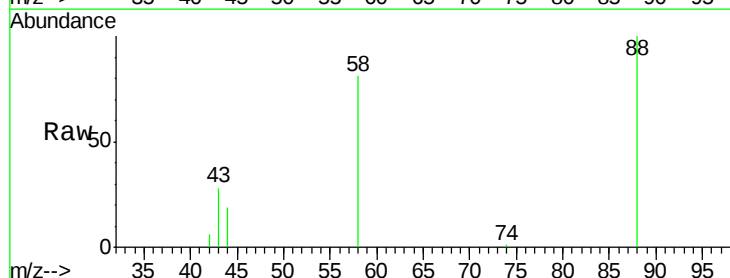
Tot Ion:152 Resp: 10330
Ion Ratio Lower Upper
152 100
150 142.0 106.0 159.0
115 43.7 31.2 46.8

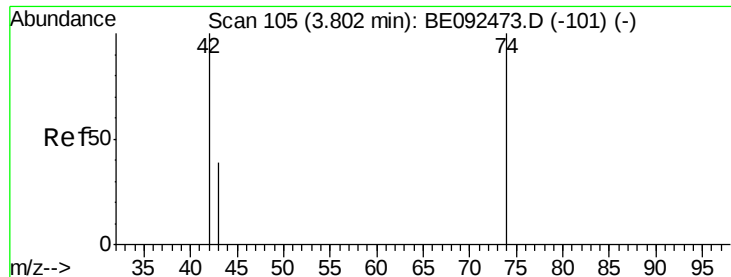


#2

1,4-Dioxane
Concen: 4.37 ng
RT: 3.40 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

Tgt Ion: 88 Resp: 5737
Ion Ratio Lower Upper
88 100
58 87.3 63.6 95.4
43 37.8 28.0 42.0





#3

n-Nitrosodimethylamine

Concen: 7.40 ng

RT: 3.74 min Scan# 100

Delta R.T. -0.06 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

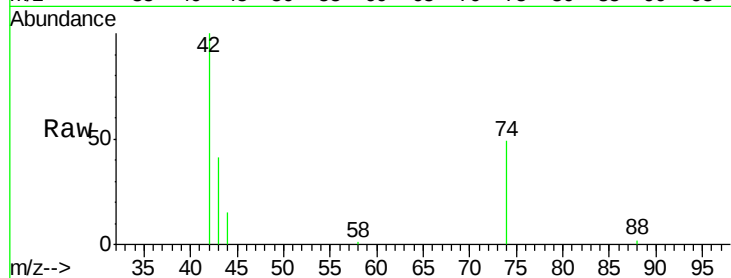
Tot Ion: 42 Resp: 8984

Ion Ratio Lower Upper

42 100

74 100.8 86.0 129.0

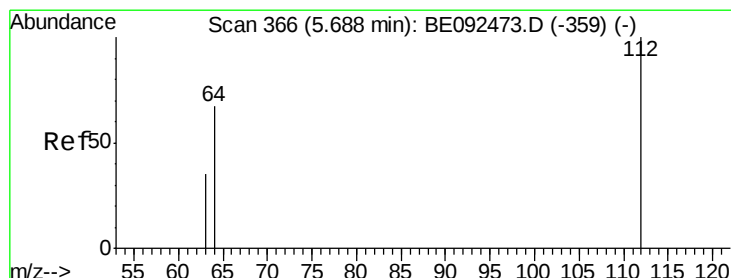
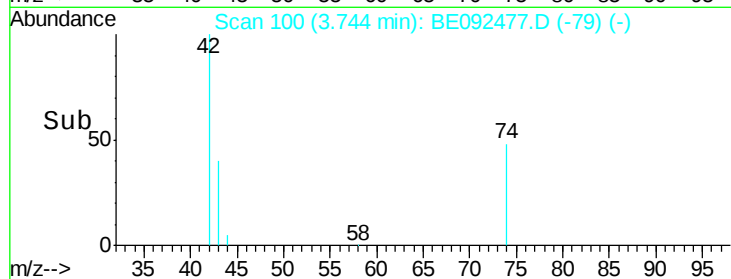
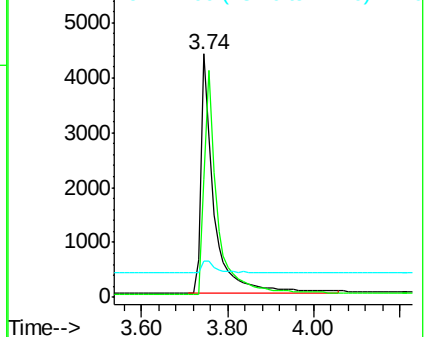
44 6.4 5.1 7.7



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: 5.40 ng

RT: 5.66 min Scan# 361

Delta R.T. -0.03 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

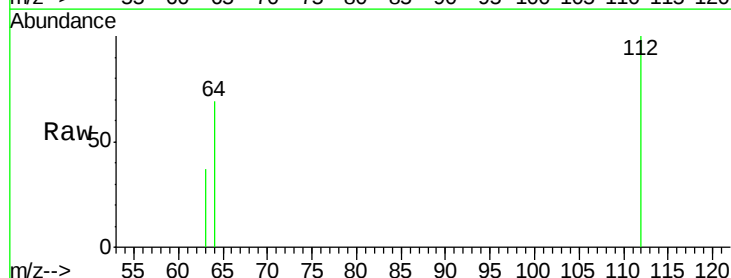
Tgt Ion: 112 Resp: 11134

Ion Ratio Lower Upper

112 100

64 68.4 53.5 80.3

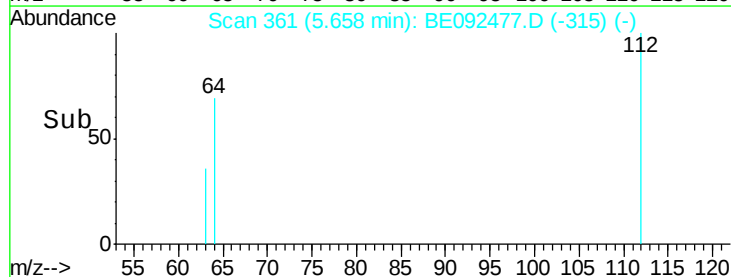
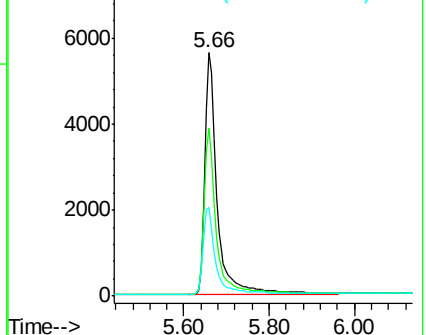
63 36.3 27.9 41.9

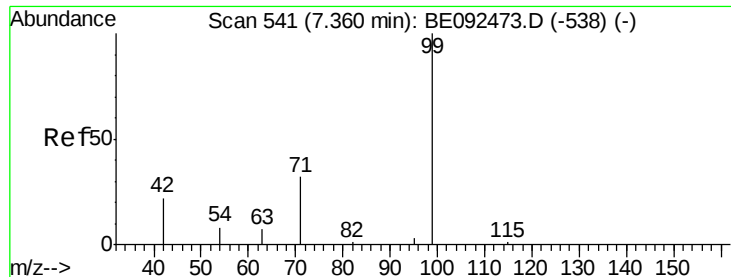


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.82 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampled :

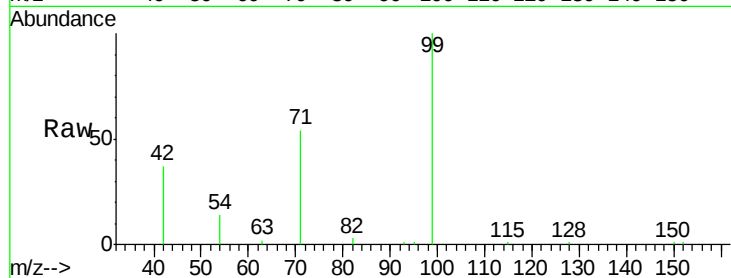
Tot Ion: 99 Resp: 16682

Ion Ratio Lower Upper

99 100

42 27.0 16.0 24.0#

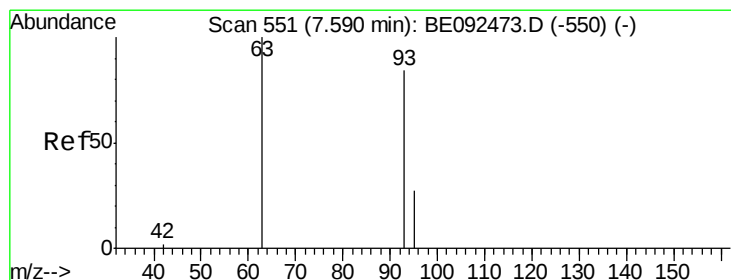
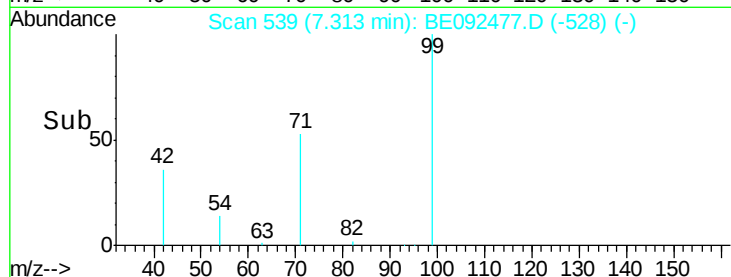
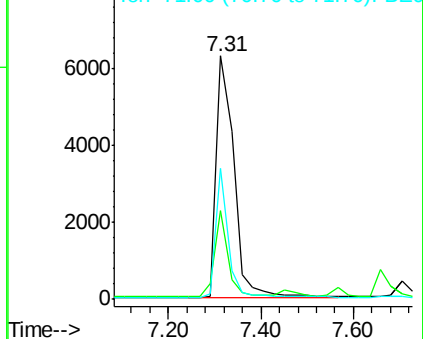
71 37.9 30.6 45.8



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: 6.61 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

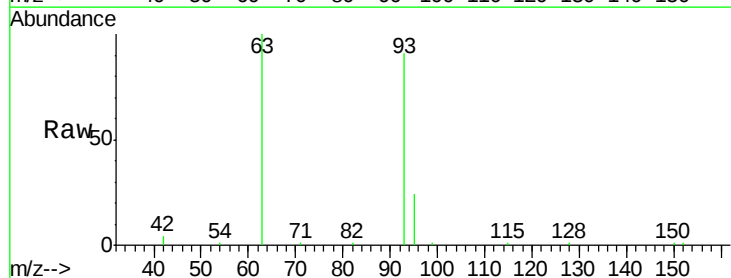
Tgt Ion: 93 Resp: 16699

Ion Ratio Lower Upper

93 100

63 83.0 71.6 107.4

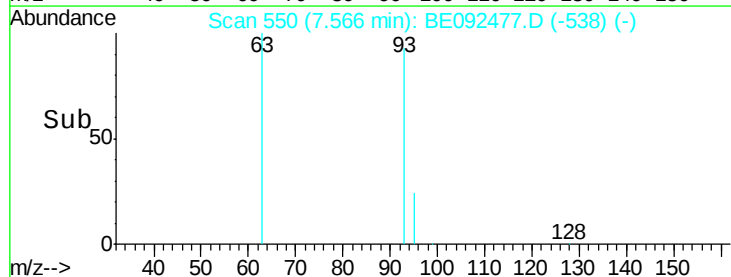
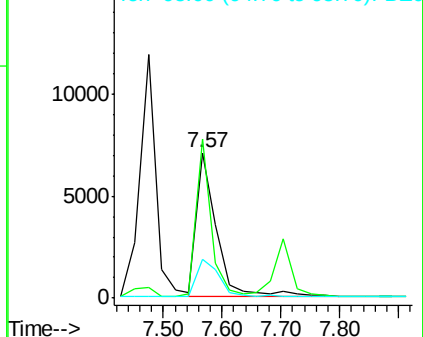
95 30.3 24.0 36.0

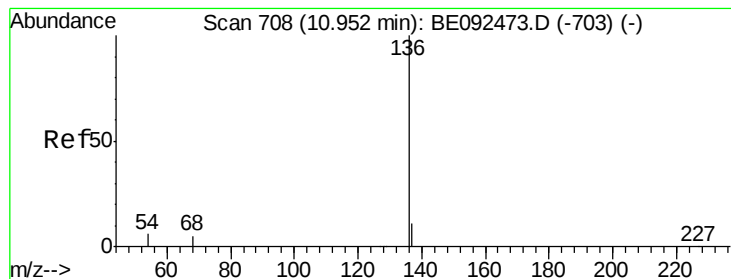


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.02 min

Lab File: BE092477.D

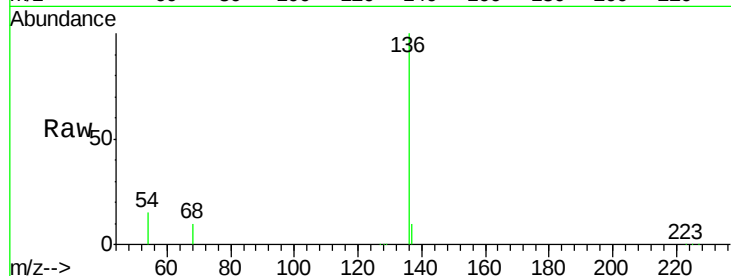
Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	53380
Ion	Ratio	Lower Upper
136	100	
137	9.8	8.2 12.4
54	15.1	9.6 14.4#
68	9.7	6.7 10.1

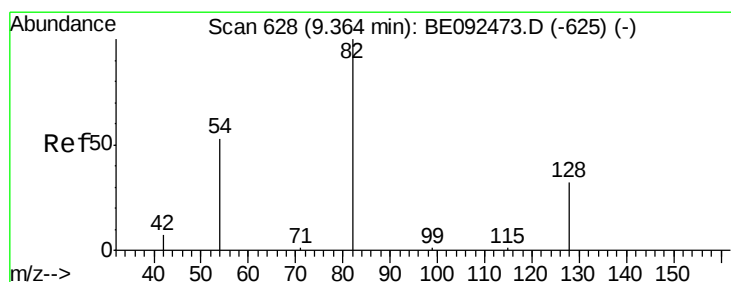
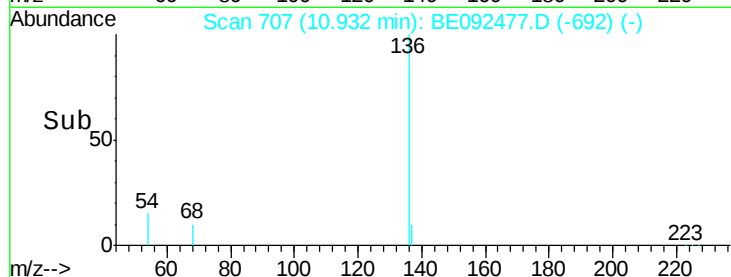
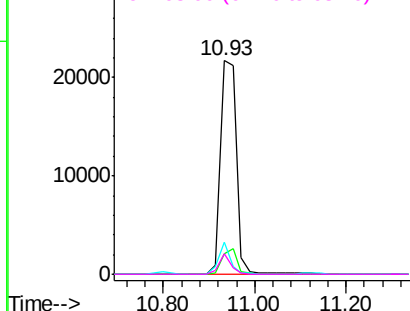


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.00 ng

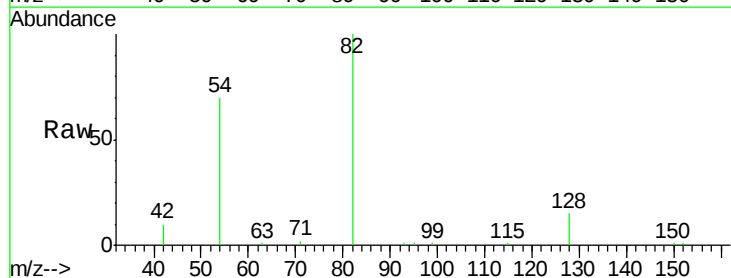
RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

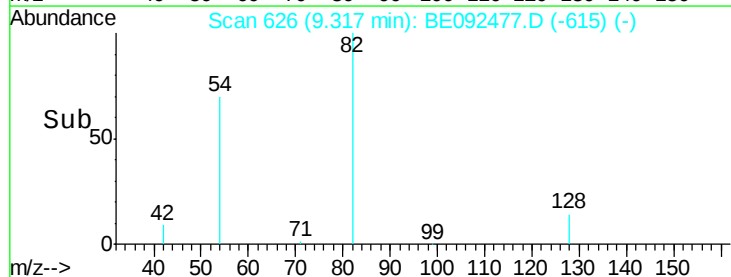
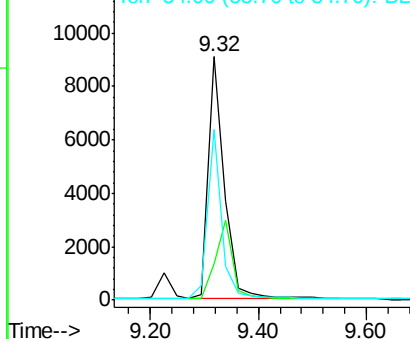
Tgt Ion: 82	Resp:	19138
Ion	Ratio	Lower Upper
82	100	
128	14.7	39.0 58.4#
54	70.3	44.8 67.2#

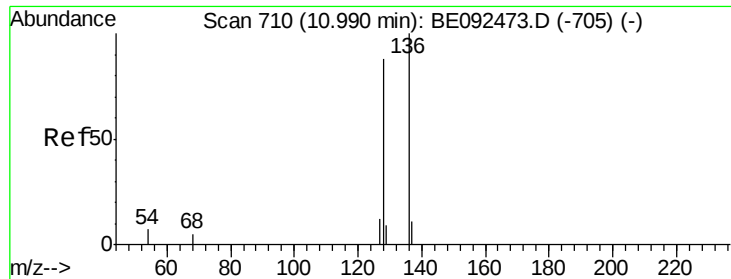


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.76 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

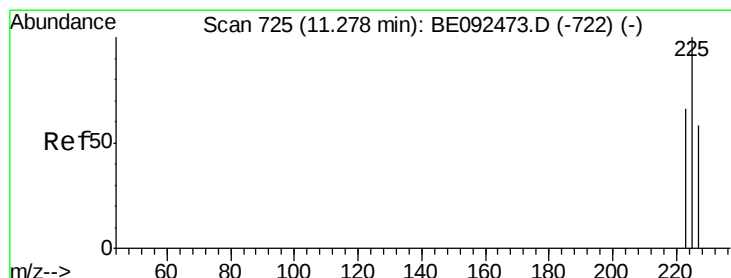
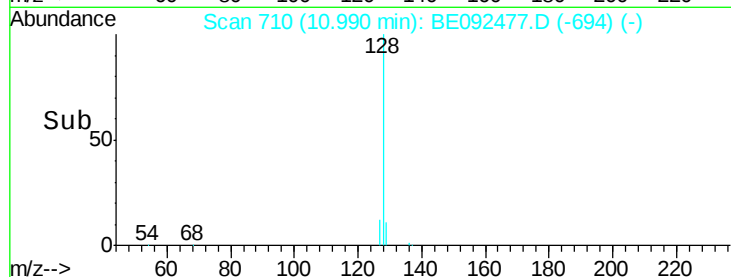
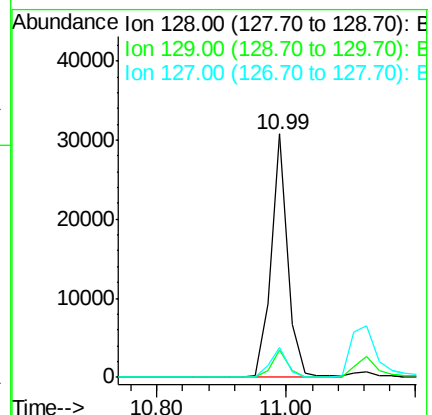
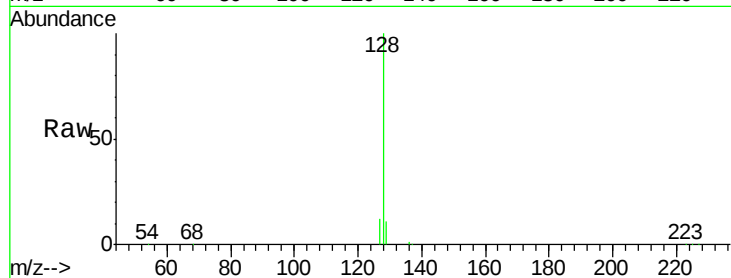
Tot Ion:128 Resp: 54975

Ion Ratio Lower Upper

128 100

129 11.3 11.2 16.8

127 12.4 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.61 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

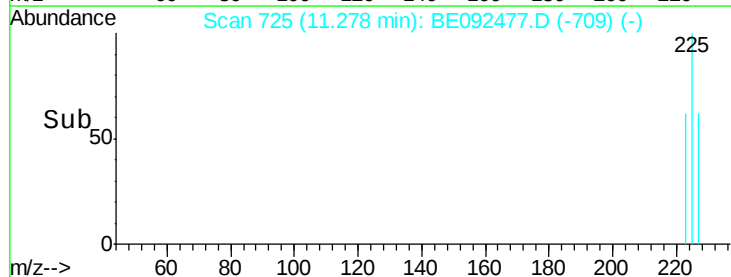
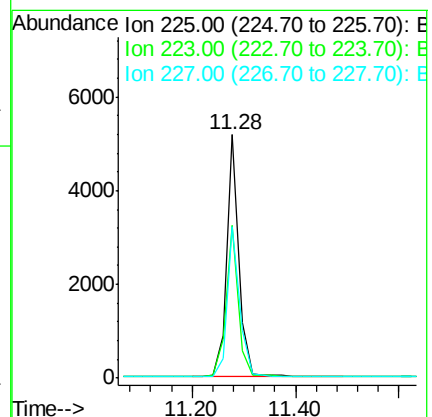
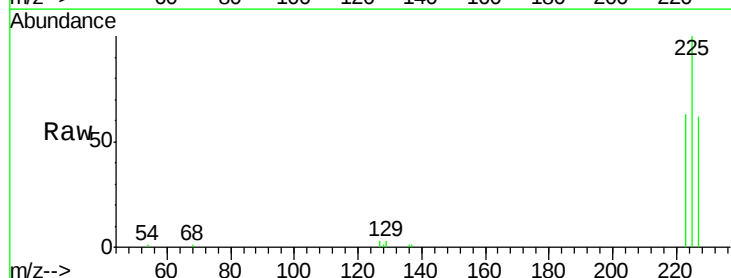
Tgt Ion:225 Resp: 8381

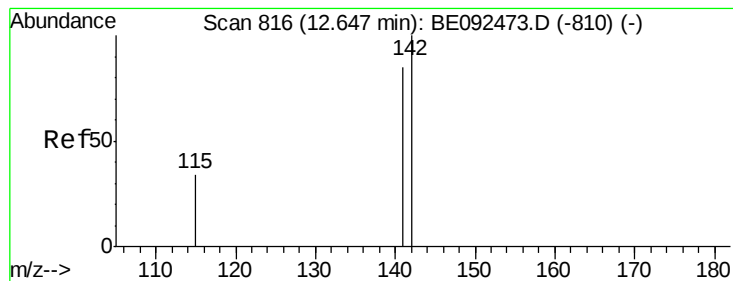
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 63.6 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.87 ng

RT: 12.61 min Scan# 813

Delta R.T. -0.04 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

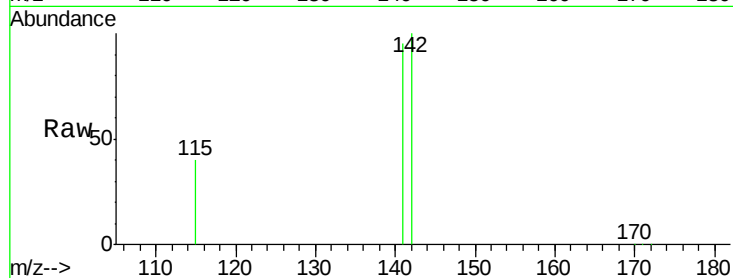
Tot Ion:142 Resp: 37272

Ion Ratio Lower Upper

142 100

141 94.6 73.7 110.5

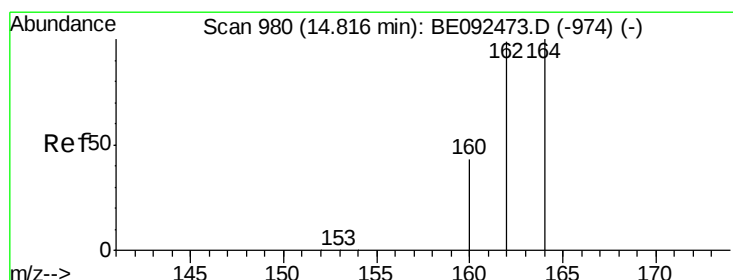
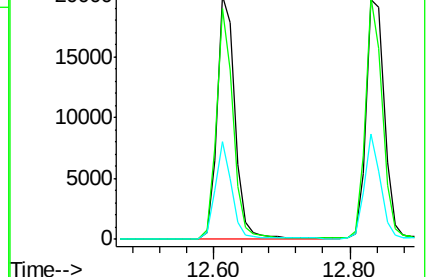
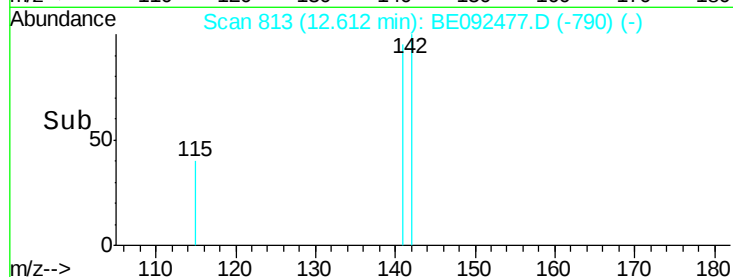
115 40.2 34.0 51.0



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

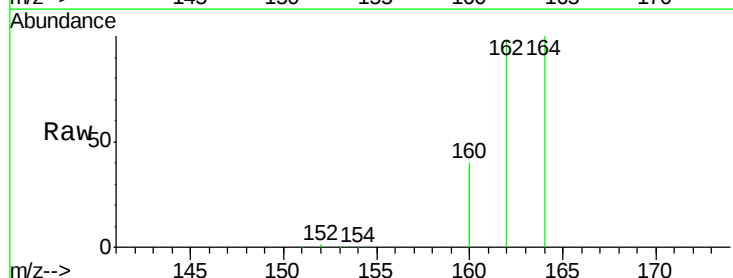
Tgt Ion:164 Resp: 36292

Ion Ratio Lower Upper

164 100

162 98.4 71.4 107.0

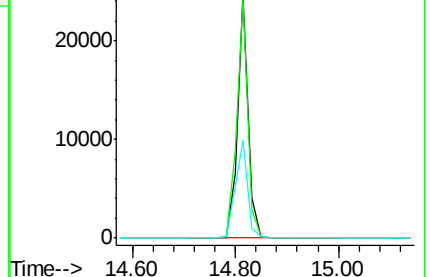
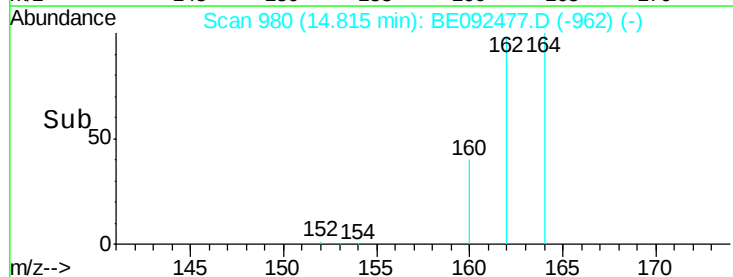
160 40.3 27.4 41.2

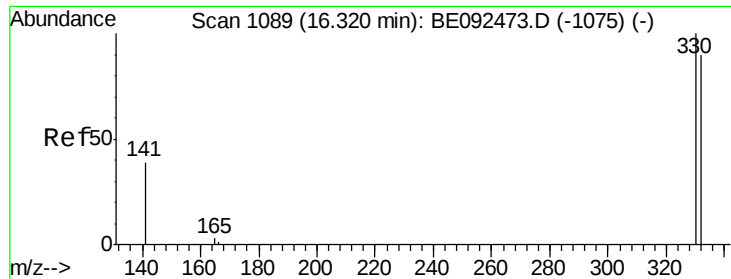


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

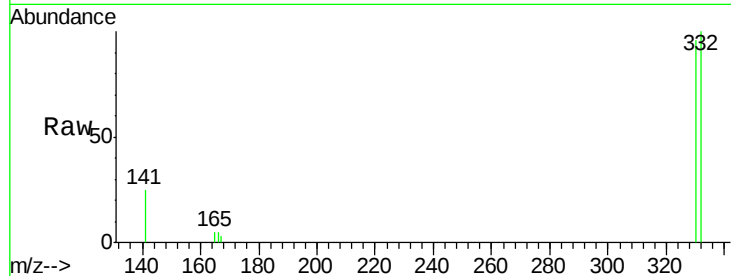




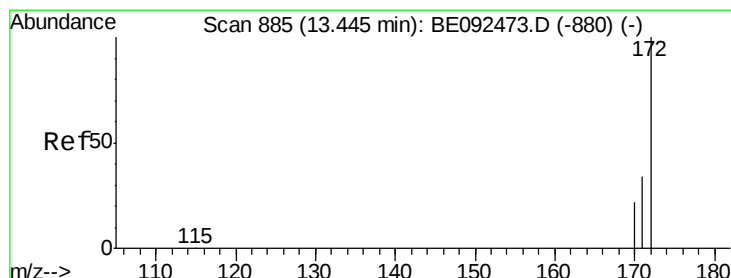
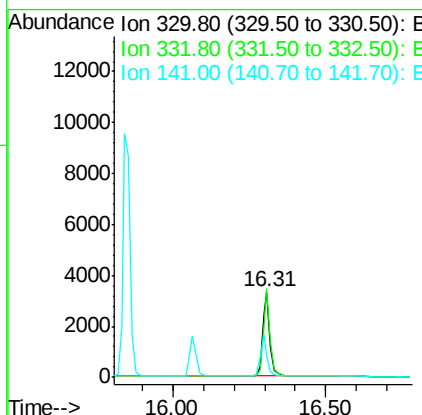
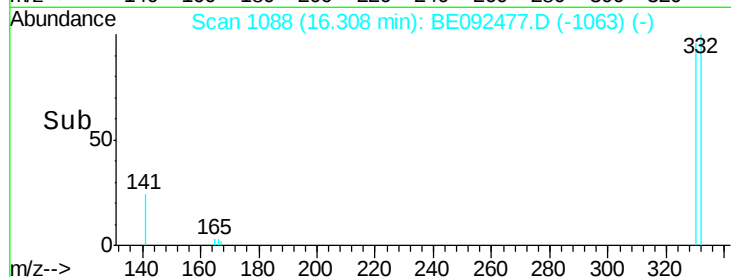
#13
 2,4,6-Tribromophenol
 Concen: 5.19 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092477.D
 Acq: 25 Oct 2016 13:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 5432
 Ion Ratio Lower Upper
 330 100
 332 97.7 75.4 113.0
 141 45.1 31.0 46.6

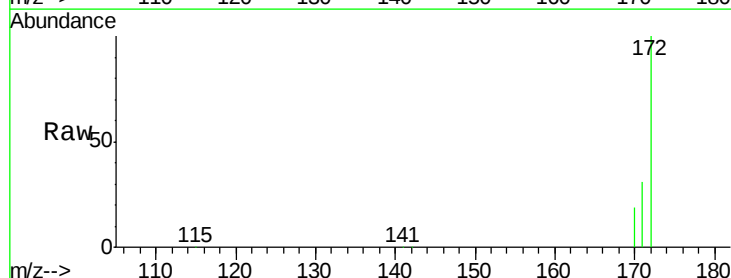


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

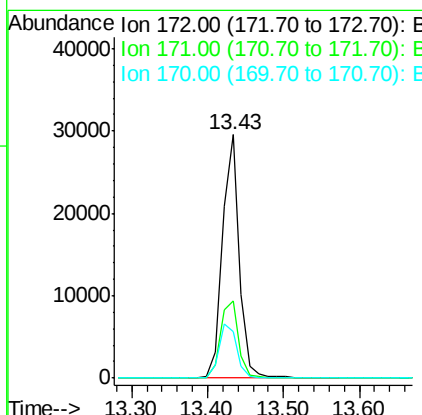
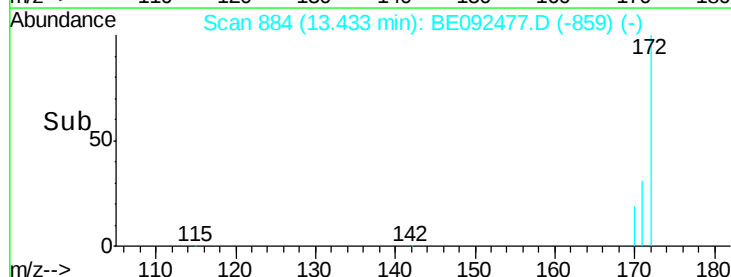


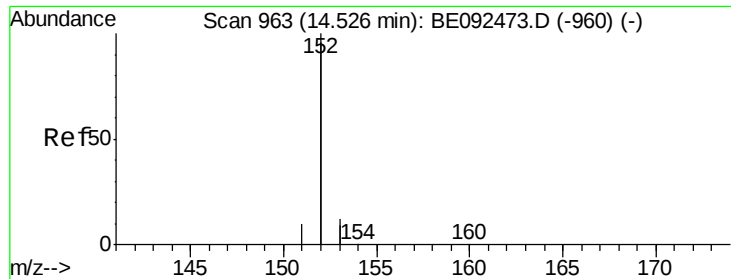
#14
 2-Fluorobiphenyl
 Concen: 5.35 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092477.D
 Acq: 25 Oct 2016 13:28

Tgt Ion:172 Resp: 45985
 Ion Ratio Lower Upper
 172 100
 171 31.5 30.1 45.1
 170 19.2 21.8 32.6#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 5.05 ng

RT: 14.53 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

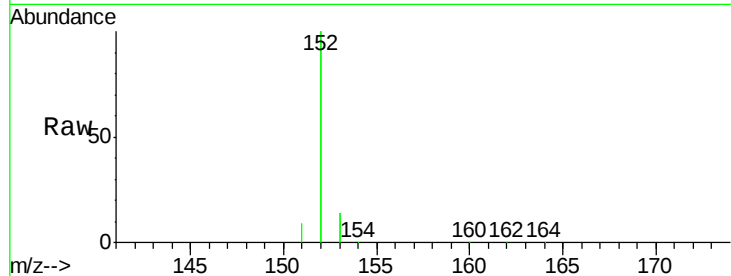
Tot Ion:152 Resp: 265376

Ion Ratio Lower Upper

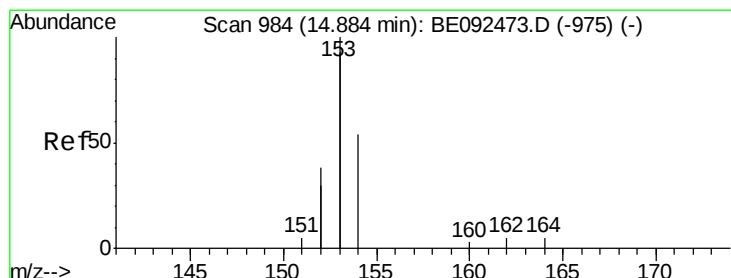
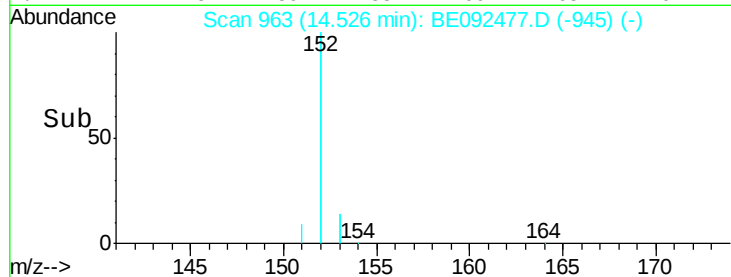
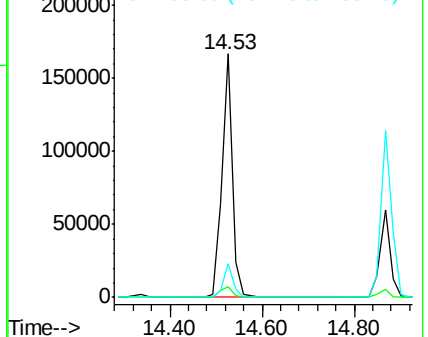
152 100

151 4.9 3.9 5.9

153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 4.79 ng

RT: 14.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

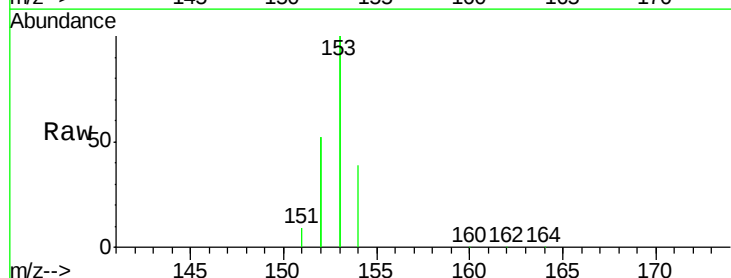
Tgt Ion:154 Resp: 39433

Ion Ratio Lower Upper

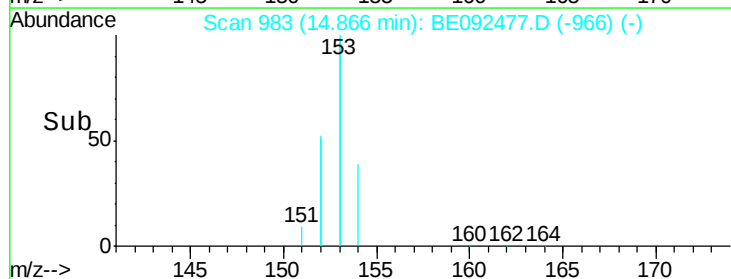
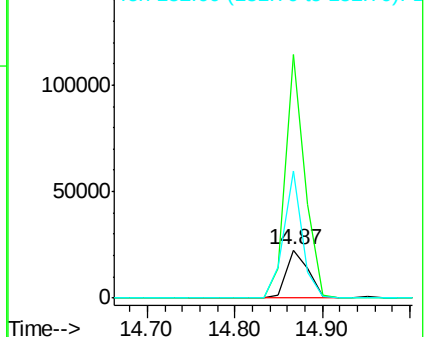
154 100

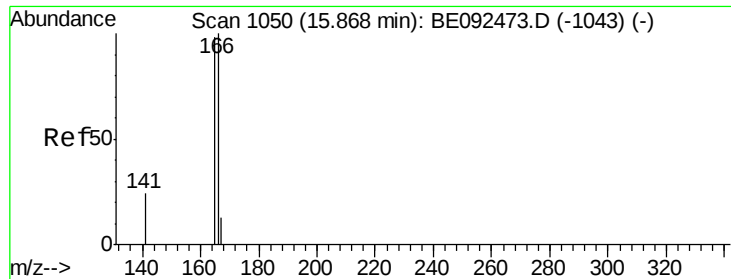
153 451.6 350.8 526.2

152 227.3 171.1 256.7



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

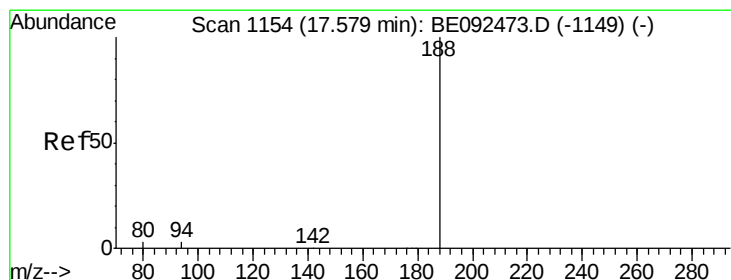
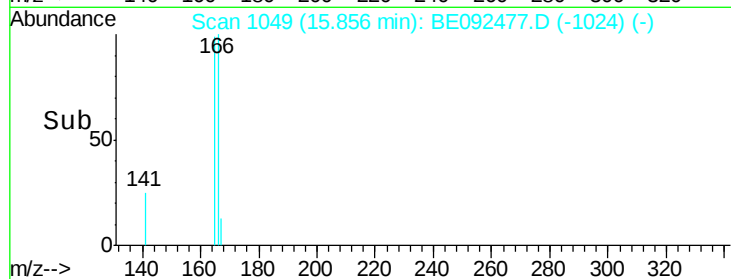
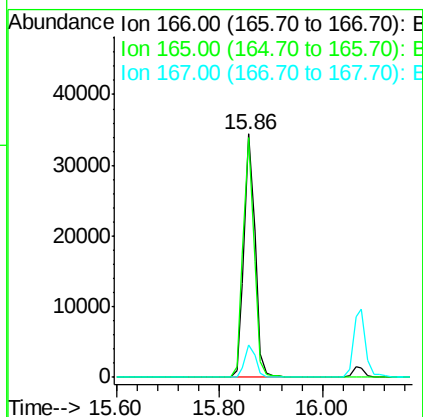
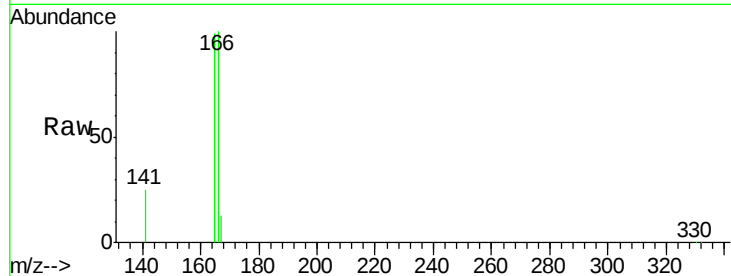




#17
Fluorene
 Concen: 4.90 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BE092477.D
 Acq: 25 Oct 2016 13:28

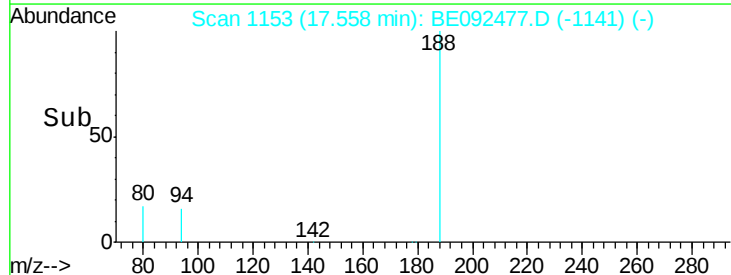
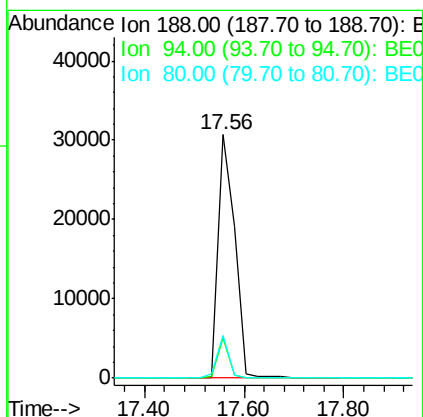
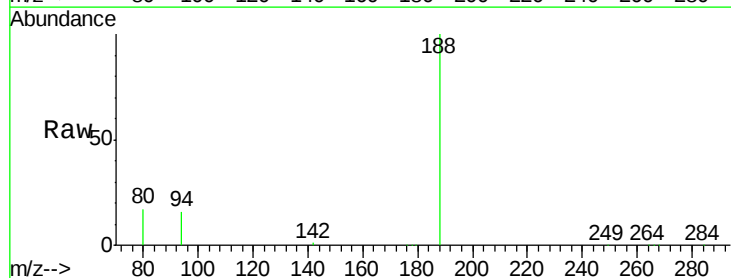
Instrument :
 BNA_E
 ClientSampleId :

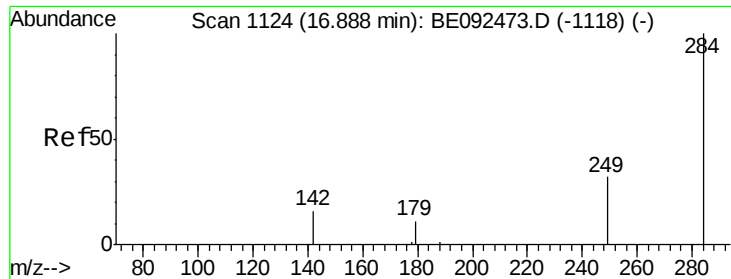
Tot Ion:166 Resp: 51122
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.4
 167 13.3 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE092477.D
 Acq: 25 Oct 2016 13:28

Tgt Ion:188 Resp: 70499
 Ion Ratio Lower Upper
 188 100
 94 16.3 3.2 4.8#
 80 17.5 2.6 3.8#

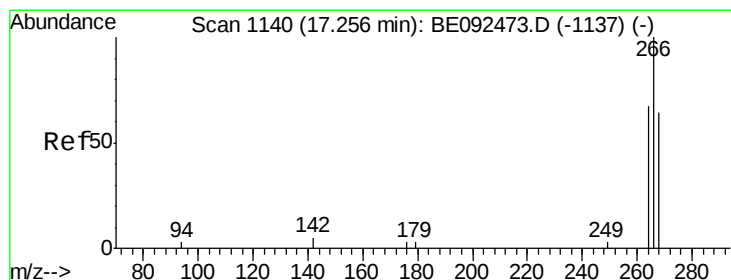
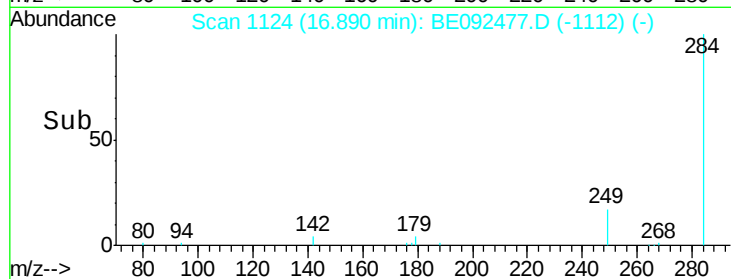
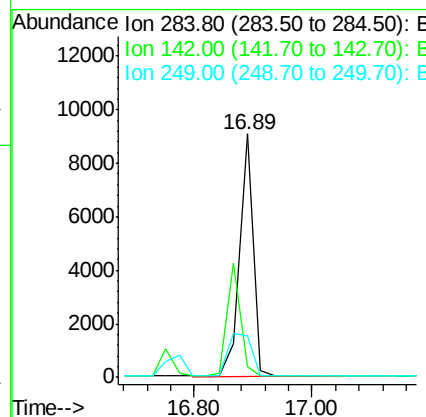
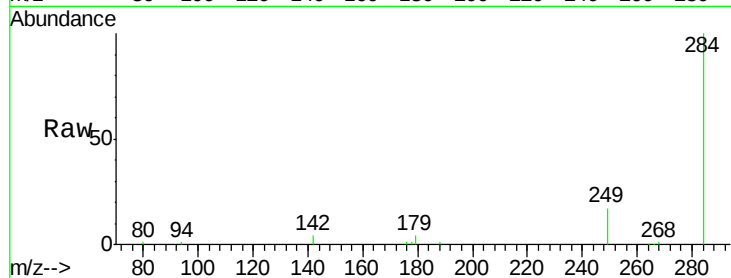




#19
Hexachlorobenzene
Concen: 4.89 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

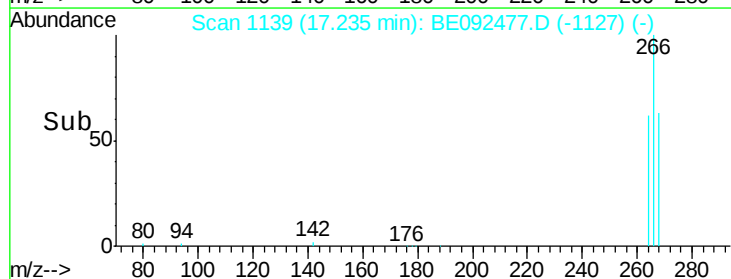
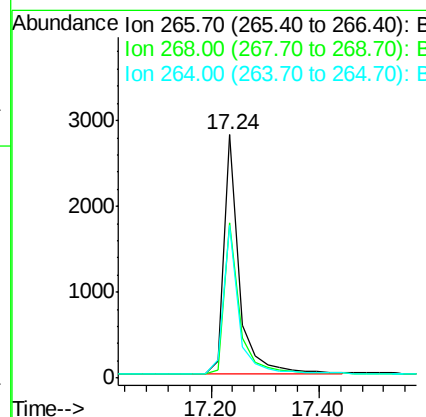
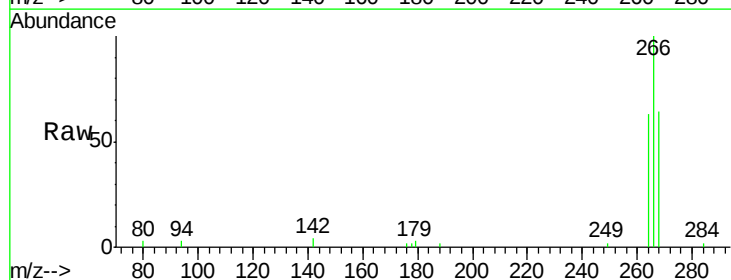
Instrument :
BNA_E
ClientSampleId :

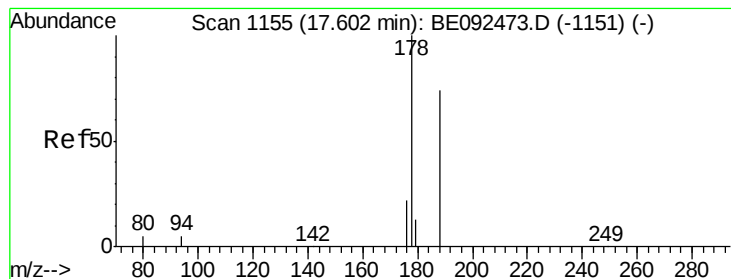
Tot Ion:284 Resp: 14749
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#



#20
Pentachlorophenol
Concen: 7.94 ng
RT: 17.24 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

Tgt Ion:266 Resp: 5608
Ion Ratio Lower Upper
266 100
268 64.0 62.5 93.7
264 62.6 57.2 85.8





#21

Phenanthrene

Concen: 5.70 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

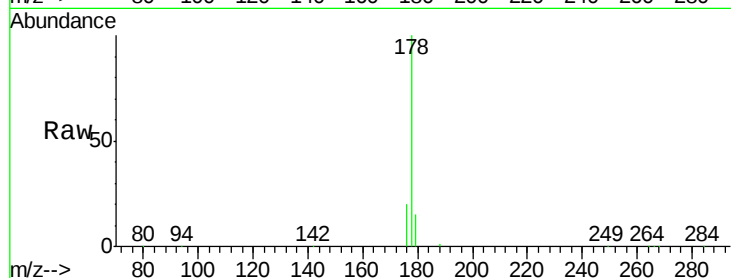
Tot Ion:178 Resp: 92349

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

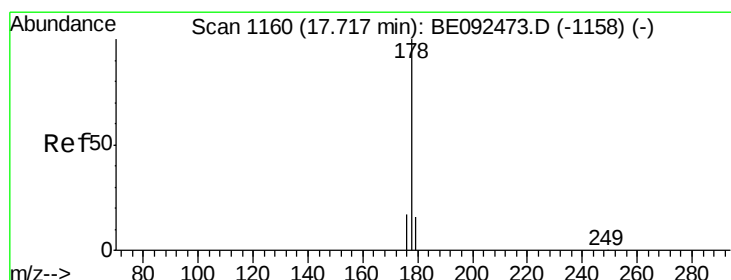
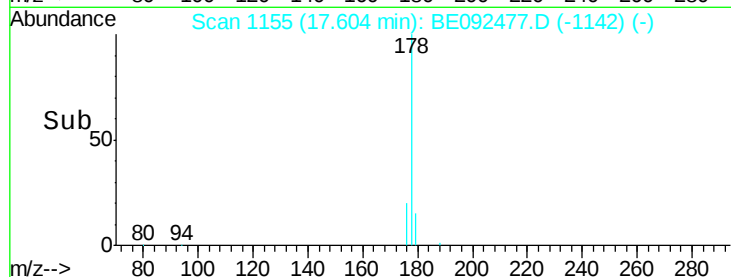
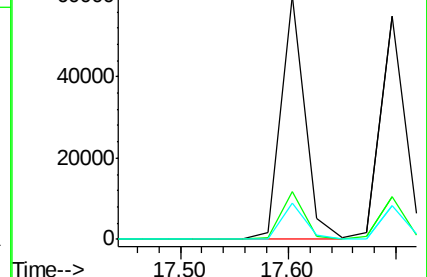
179 15.1 16.0 24.0#



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



#22

Anthracene

Concen: 5.72 ng

RT: 17.70 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

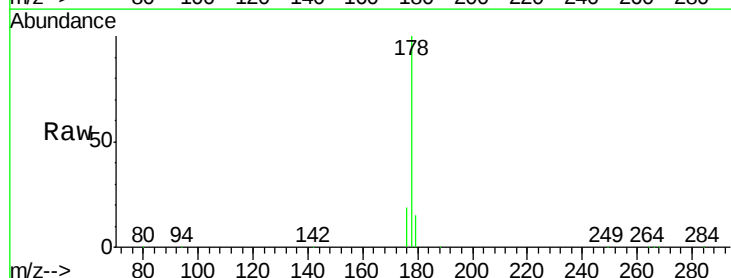
Tgt Ion:178 Resp: 89129

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

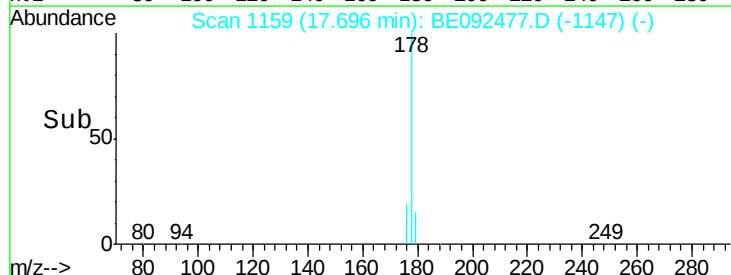
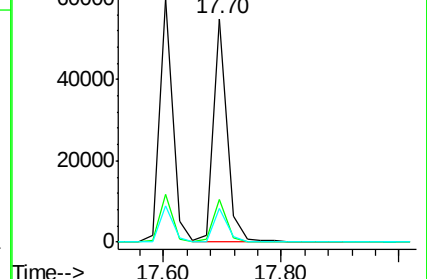
179 15.6 12.2 18.2

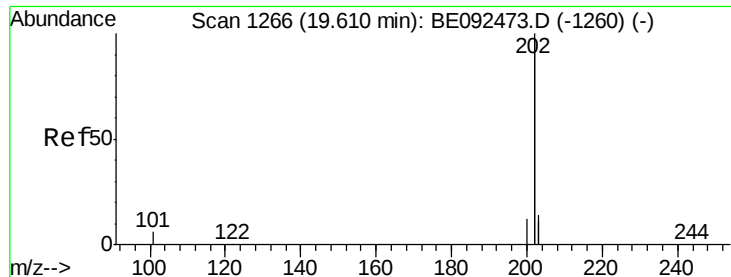


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.77 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

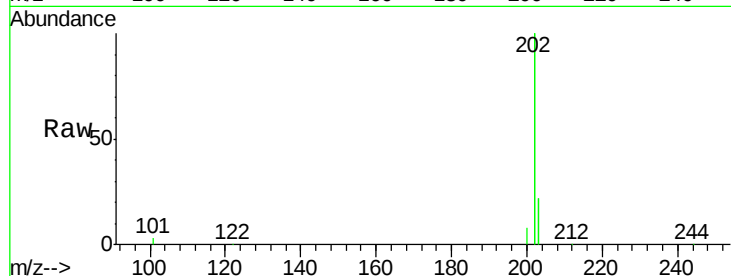
Tot Ion:202 Resp: 367232

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

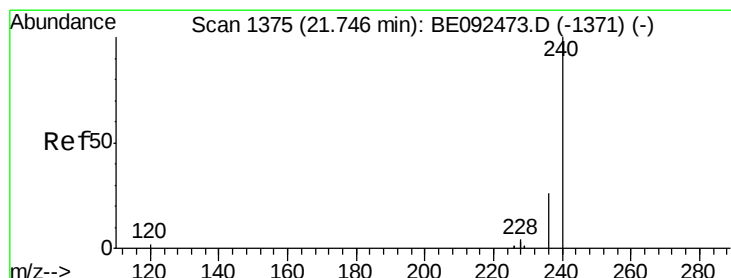
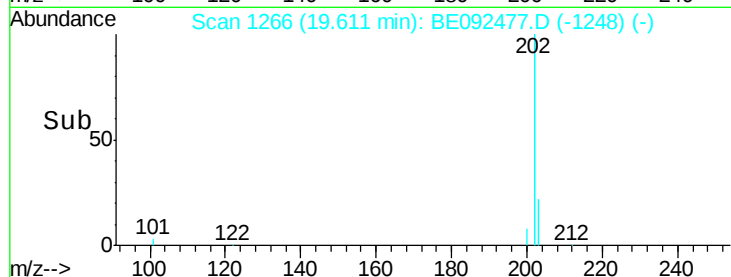
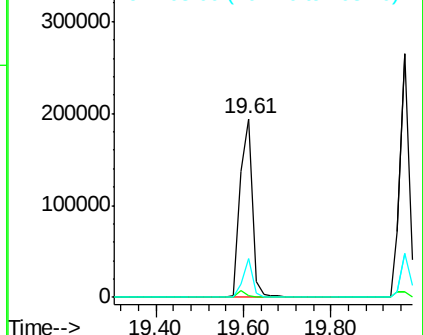
203 17.5 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

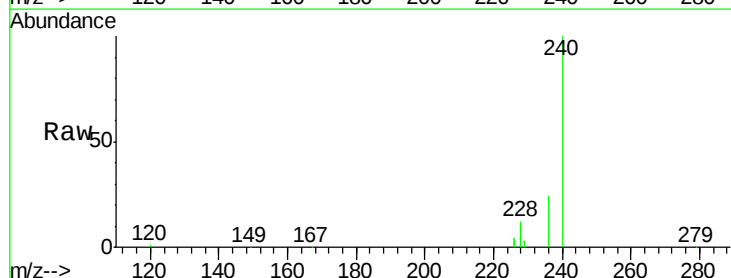
Tgt Ion:240 Resp: 87892

Ion Ratio Lower Upper

240 100

120 1.1 2.6 4.0#

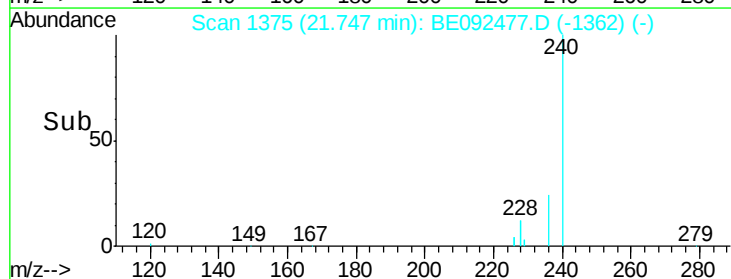
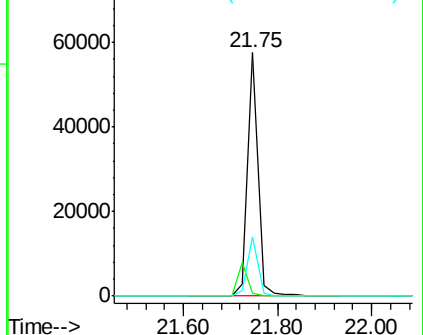
236 24.2 24.6 37.0#

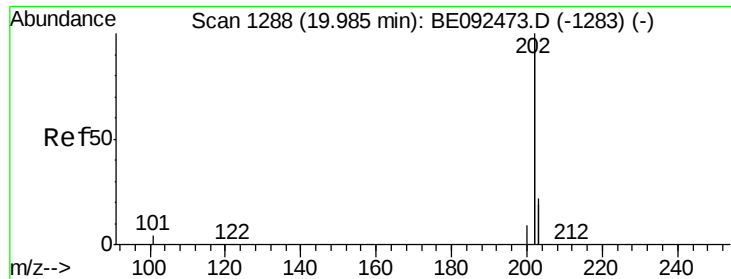


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 5.19 ng

RT: 19.97 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

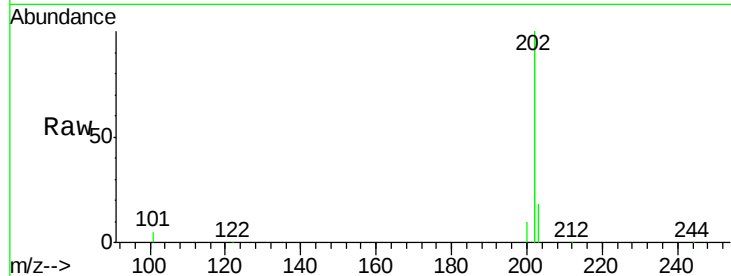
Tot Ion:202 Resp: 395616

Ion Ratio Lower Upper

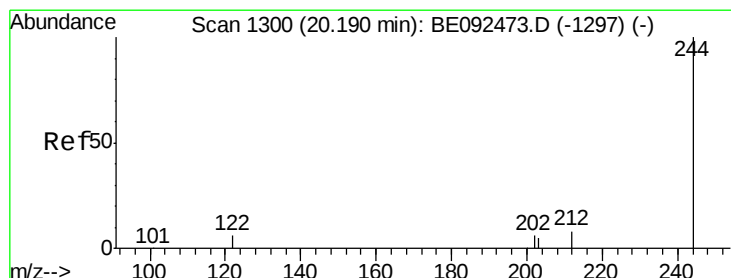
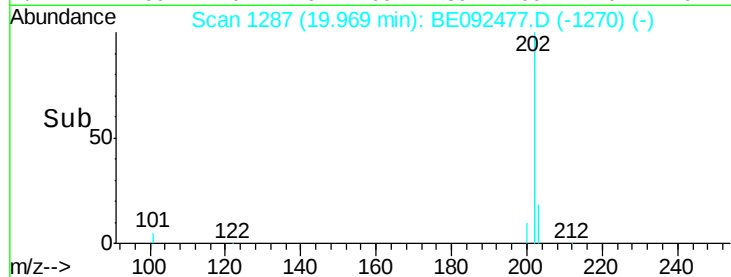
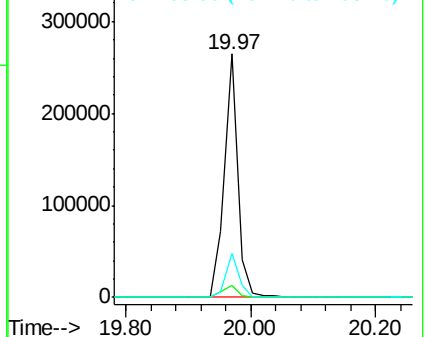
202 100

200 5.3 4.2 6.4

203 17.6 13.9 20.9



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



#26

Terphenyl-d14

Concen: 5.23 ng

RT: 20.17 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

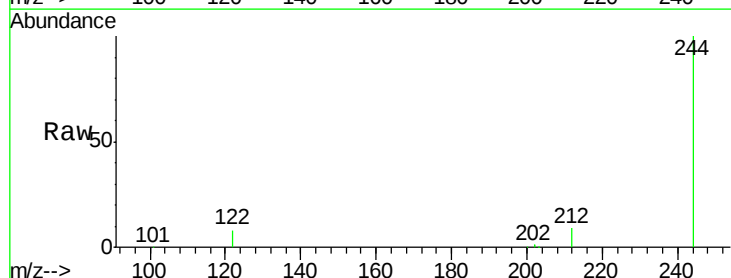
Tgt Ion:244 Resp: 57033

Ion Ratio Lower Upper

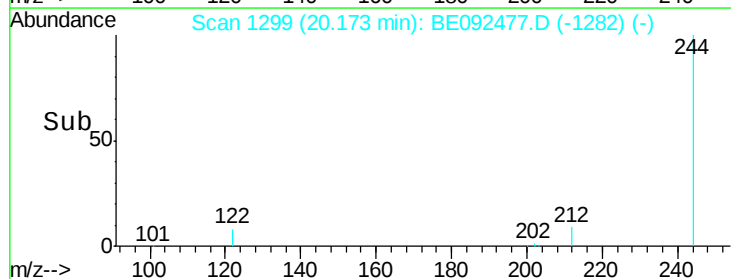
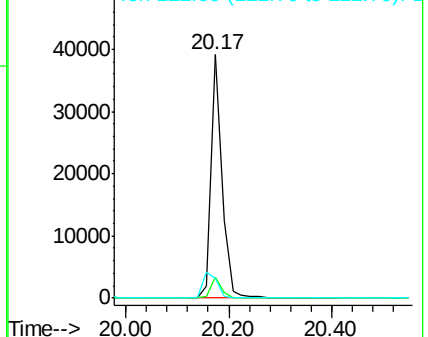
244 100

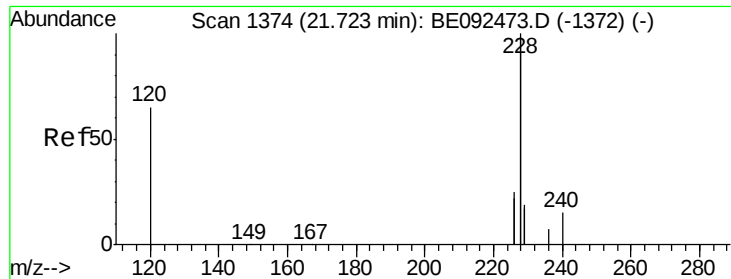
212 8.8 6.7 10.1

122 8.0 3.6 5.4#



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

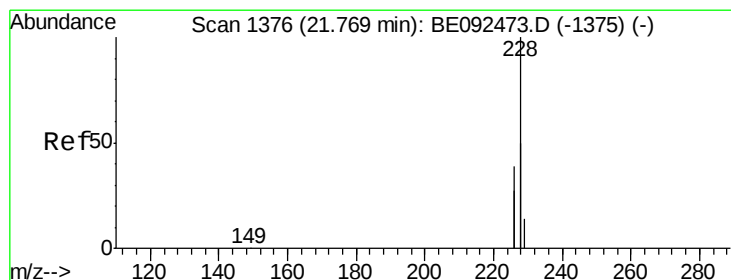
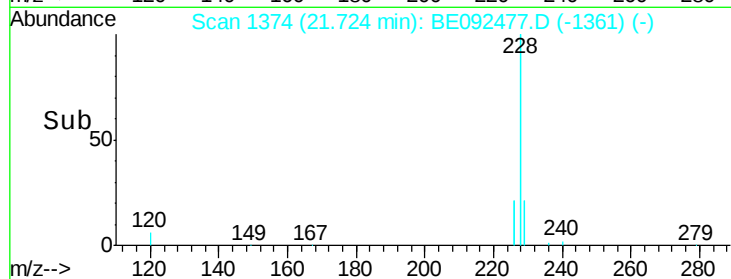
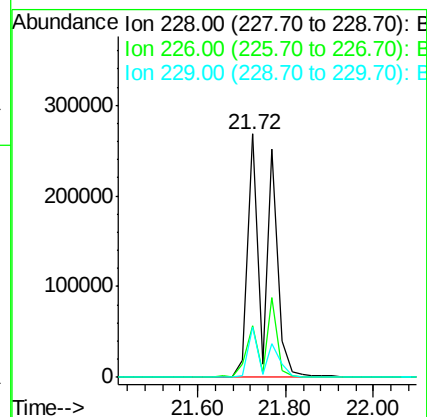
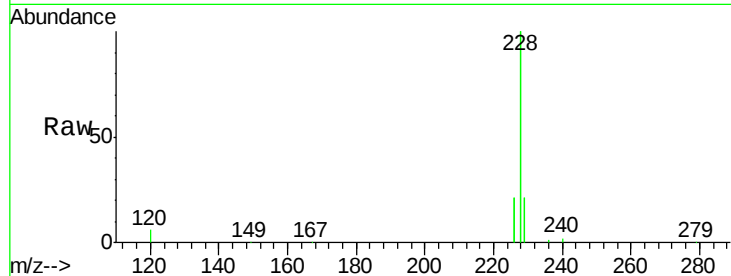




#27
Benzo(a)anthracene
Concen: 9.62 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

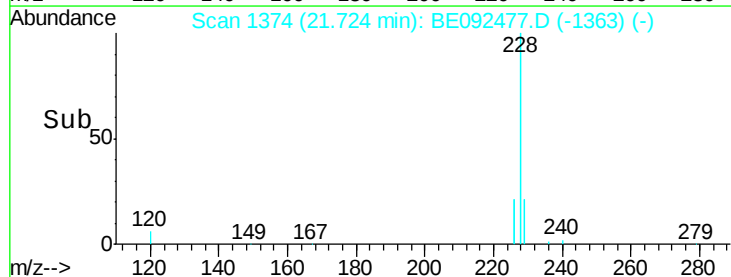
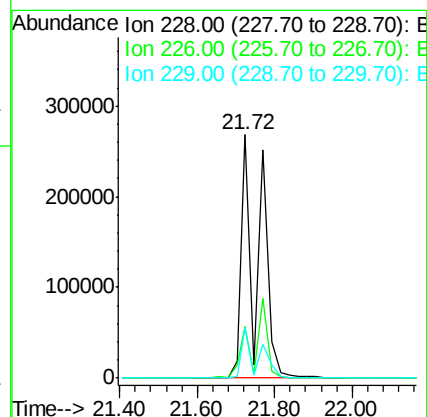
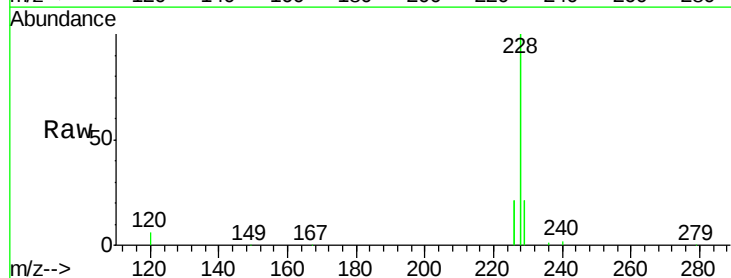
Instrument :
BNA_E
ClientSampleId :

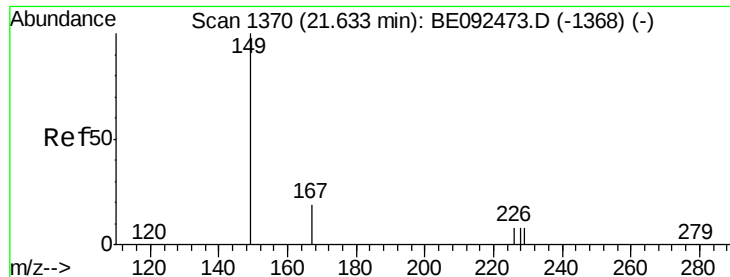
Tot Ion:228 Resp: 824157
Ion Ratio Lower Upper
228 100
226 21.1 23.6 35.4#
229 20.9 13.3 19.9#



#28
Chrysene
Concen: 10.53 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

Tgt Ion:228 Resp: 825988
Ion Ratio Lower Upper
228 100
226 21.1 36.3 54.5#
229 20.9 10.6 16.0#

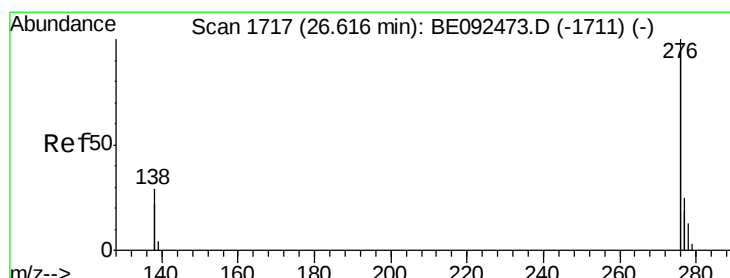
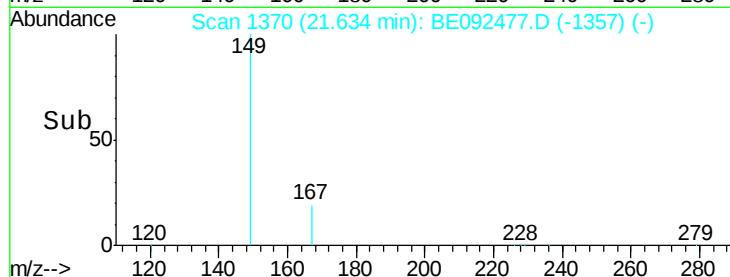
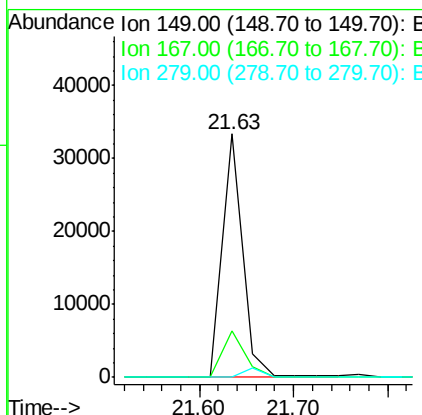
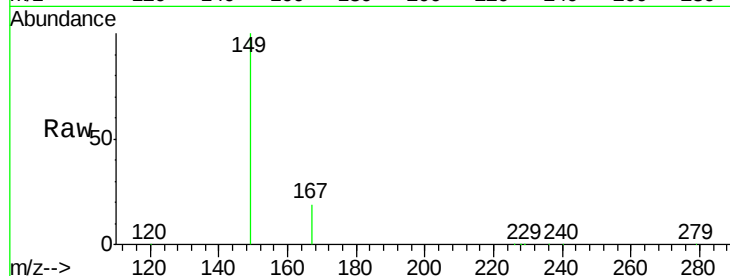




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 6.81 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092477.D
 Acq: 25 Oct 2016 13:28

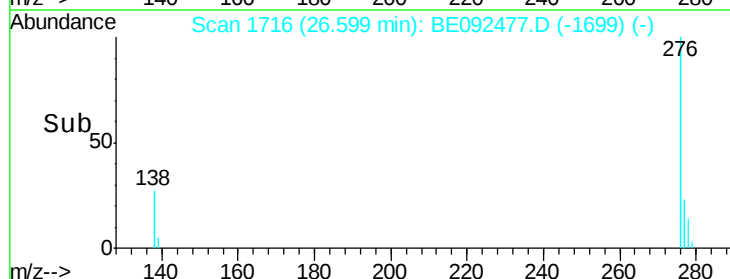
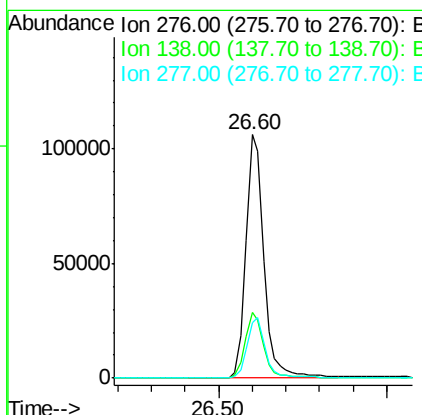
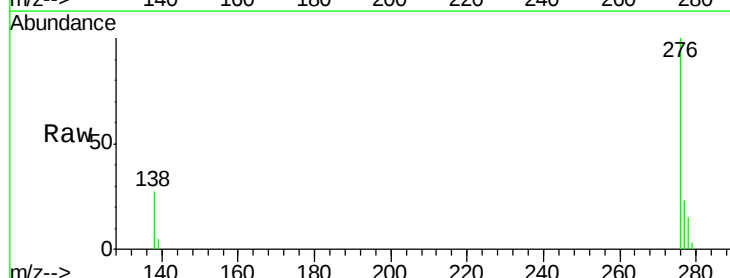
Instrument :
 BNA_E
 ClientSampleId :

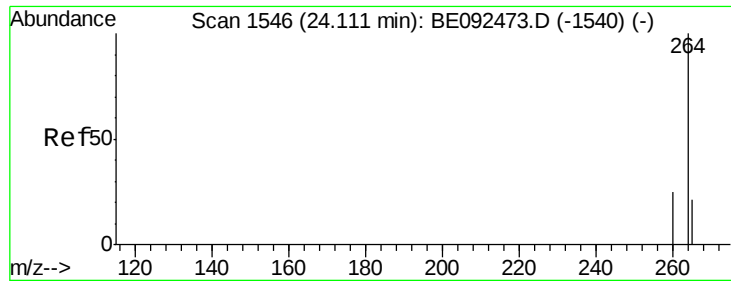
Tot Ion:149 Resp: 50252
 Ion Ratio Lower Upper
 149 100
 167 21.1 16.0 24.0
 279 0.0 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 4.72 ng
 RT: 26.60 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BE092477.D
 Acq: 25 Oct 2016 13:28

Tgt Ion:276 Resp: 393176
 Ion Ratio Lower Upper
 276 100
 138 27.6 20.3 30.5
 277 24.8 19.7 29.5

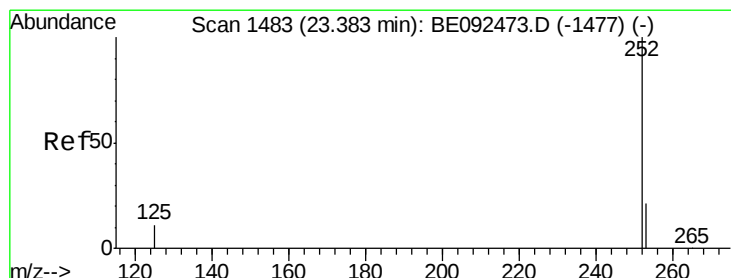
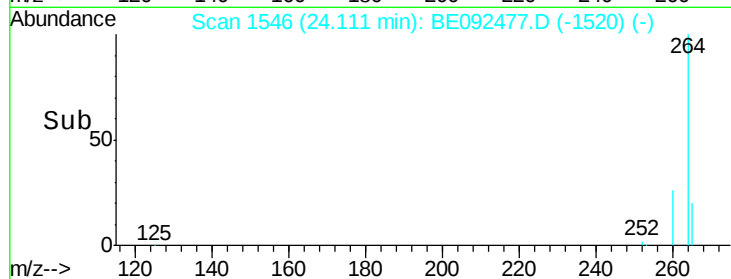
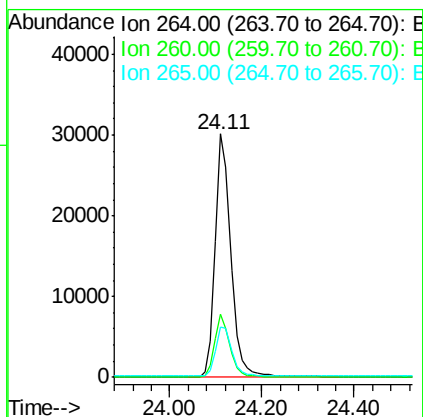
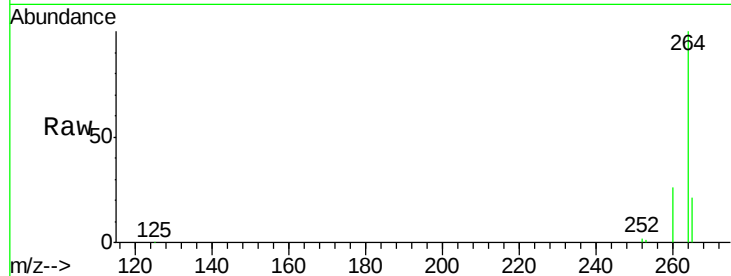




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

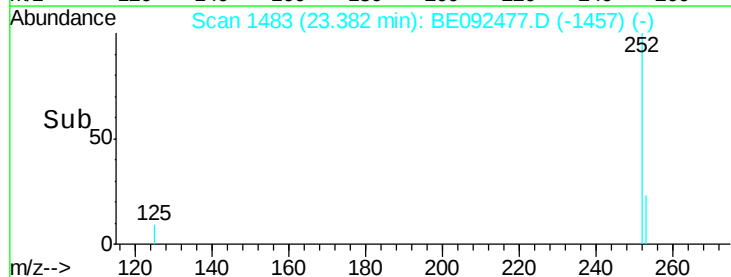
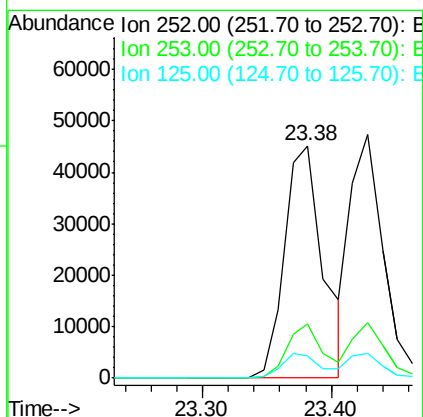
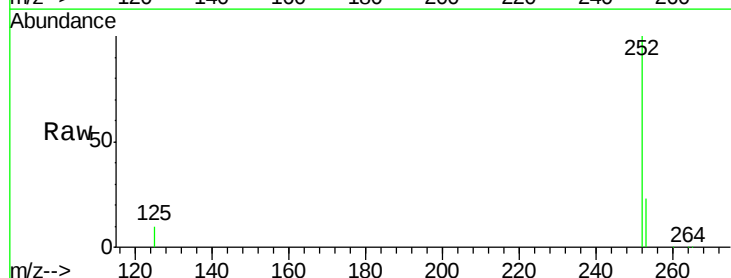
Instrument :
BNA_E
ClientSampleId :

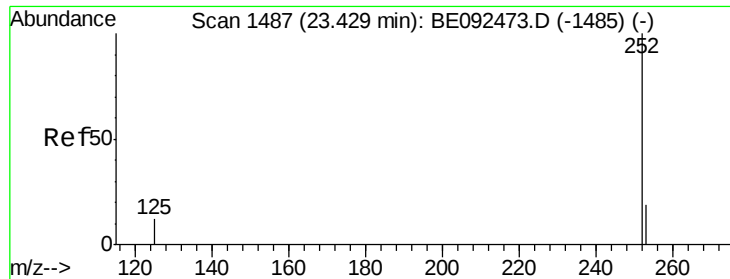
Tot Ion:264 Resp: 71113
Ion Ratio Lower Upper
264 100
260 25.9 20.1 30.1
265 20.7 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 5.48 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

Tgt Ion:252 Resp: 94367
Ion Ratio Lower Upper
252 100
253 23.2 18.7 28.1
125 9.6 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 4.85 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

Instrument :

BNA_E

ClientSampleId :

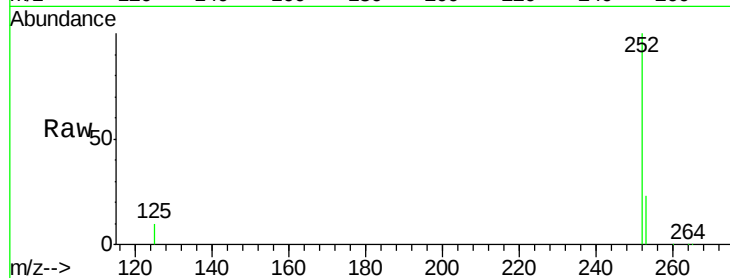
Tot Ion:252 Resp: 87357

Ion Ratio Lower Upper

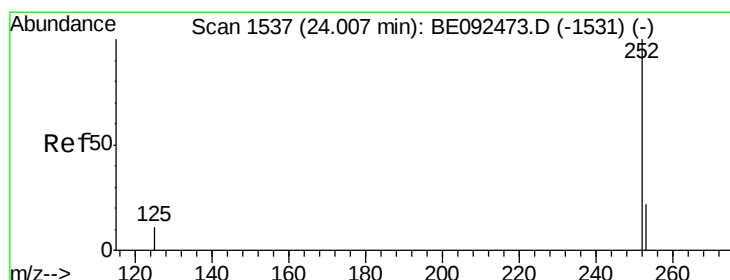
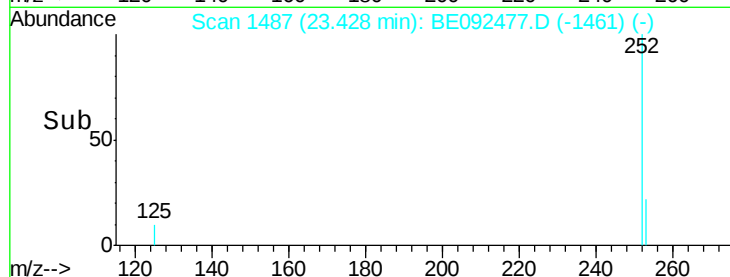
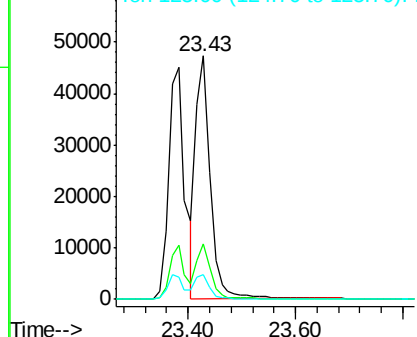
252 100

253 22.6 20.3 30.5

125 10.1 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 5.06 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE092477.D

Acq: 25 Oct 2016 13:28

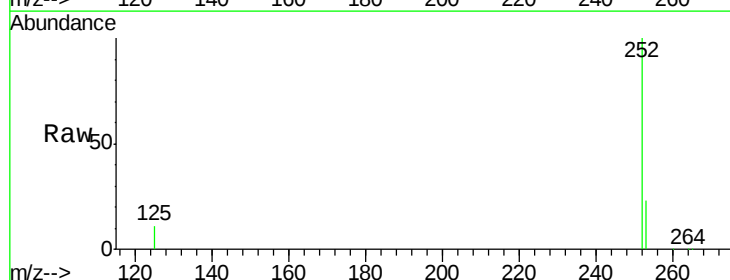
Tgt Ion:252 Resp: 85451

Ion Ratio Lower Upper

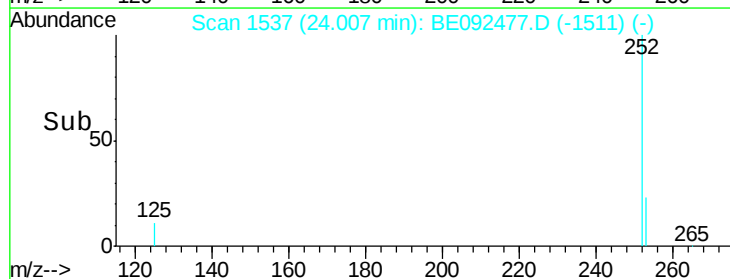
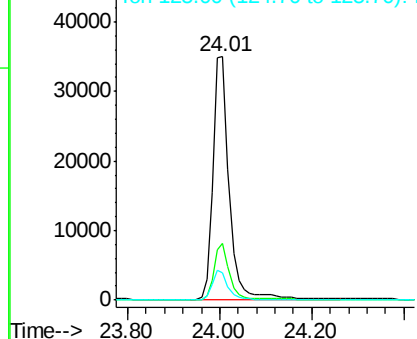
252 100

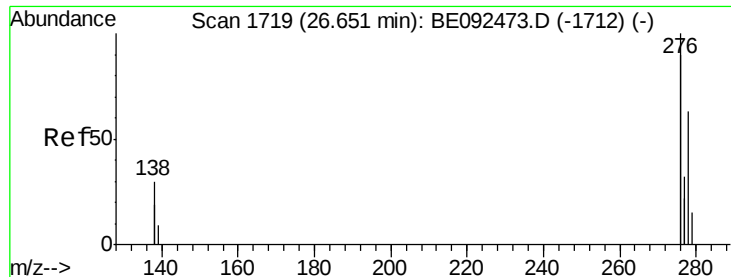
253 23.1 19.0 28.6

125 11.0 11.8 17.8#



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

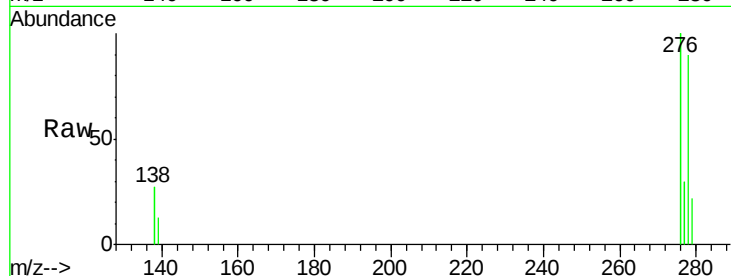




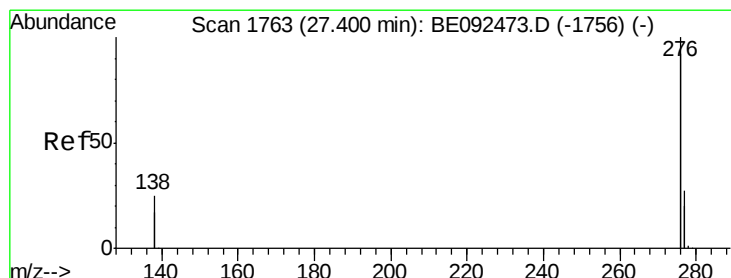
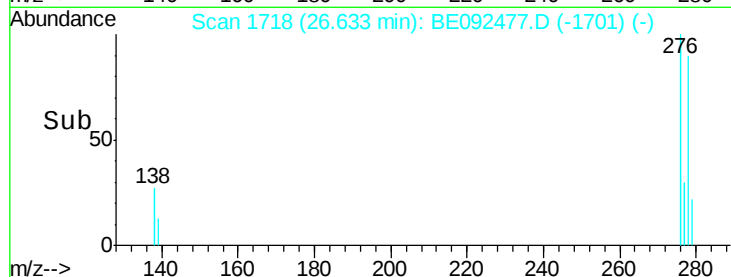
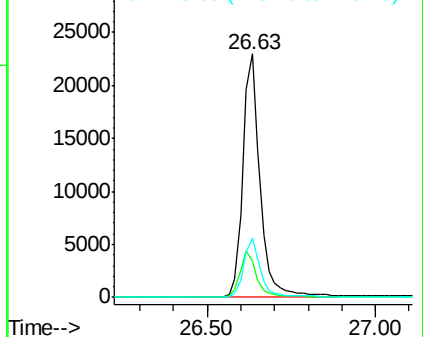
#35
Dibenzo(a,h)anthracene
Concen: 5.24 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 81010
Ion Ratio Lower Upper
278 100
139 14.9 13.8 20.8
279 24.4 21.4 32.2

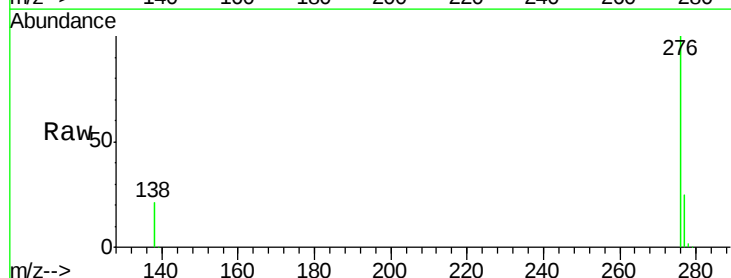


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#36
Benzo(g,h,i)perylene
Concen: 5.01 ng
RT: 27.38 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BE092477.D
Acq: 25 Oct 2016 13:28

Tgt Ion:276 Resp: 333237
Ion Ratio Lower Upper
276 100
277 24.7 19.8 29.8
138 21.2 19.8 29.6



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

