

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092216\
 Data File : BE092399.D
 Acq On : 22 Sep 2016 17:14
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 17:46:07 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 13:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8045	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	39201	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	32106	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	68184	5.00	ng	0.02
24) Chrysene-d12	21.75	240	86211	5.00	ng	0.00
31) Perylene-d12	24.12	264	77122	5.00	ng	0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	113	0.06	ng	0.03
5) Phenol-d6	7.43	99	90	0.04	ng	0.07
8) Nitrobenzene-d5	9.43	82	111	0.04	ng	0.07
13) 2,4,6-Tribromophenol	16.34	330	78	0.08	ng	0.02
14) 2-Fluorobiphenyl	13.47	172	680	0.07	ng	0.02
26) Terphenyl-d14	20.21	244	1033	0.08	ng	0.03

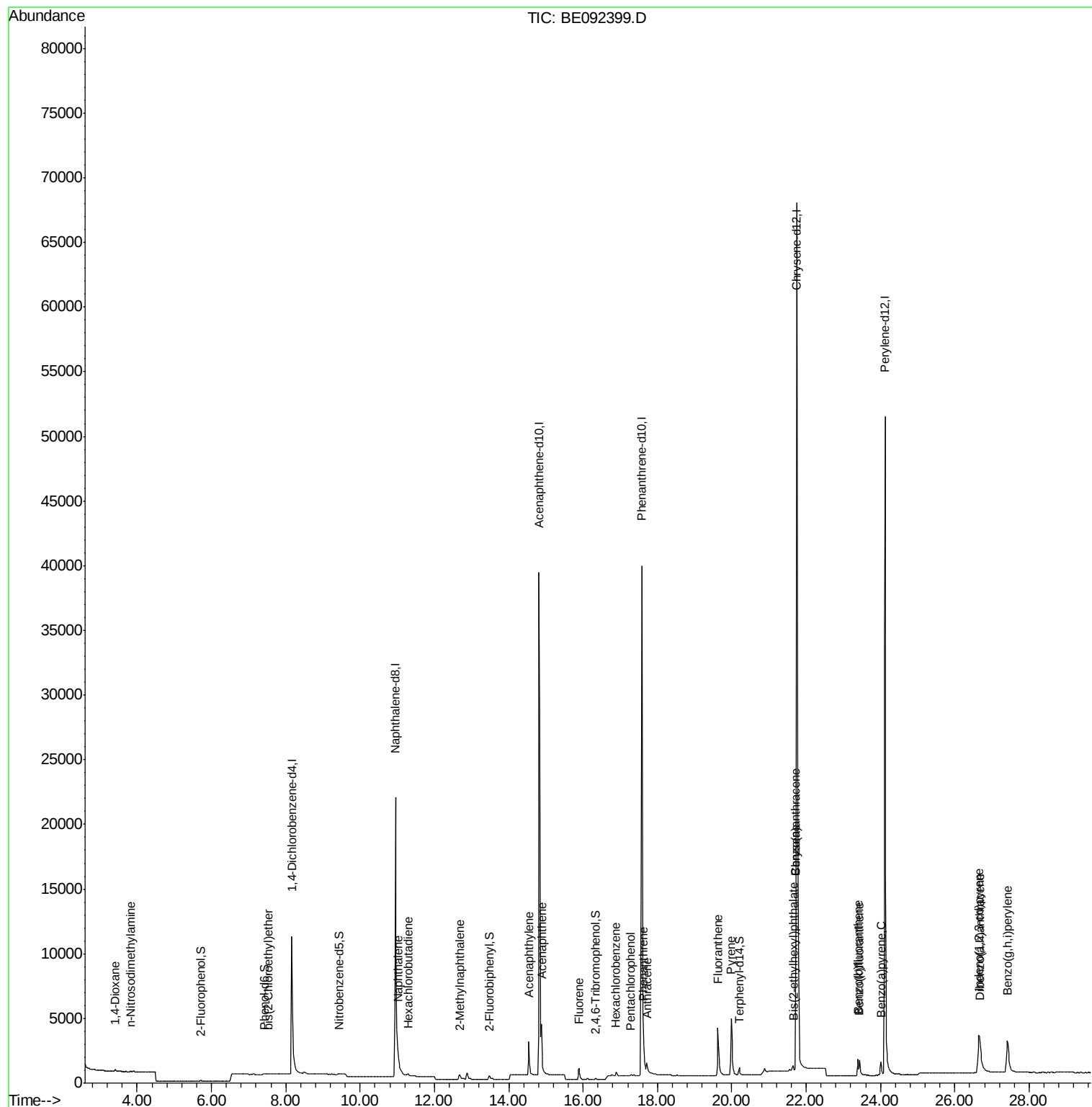
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	155	0.14	ng	86
3) n-Nitrosodimethylamine	3.84	42	23	0.02	ng	# 2
6) bis(2-Chloroethyl)ether	7.52	93	176	0.08	ng	# 15
9) Naphthalene	11.01	128	1026	0.12	ng	# 80
10) Hexachlorobutadiene	11.30	225	166	0.12	ng	98
11) 2-Methylnaphthalene	12.68	142	585	0.10	ng	# 93
15) Acenaphthylene	14.54	152	4869	0.09	ng	99
16) Acenaphthene	14.88	154	787	0.09	ng	96
17) Fluorene	15.89	166	956	0.09	ng	99
19) Hexachlorobenzene	16.89	284	318	0.10	ng	98
20) Pentachlorophenol	17.28	266	43	0.06	ng	# 77
21) Phenanthrene	17.63	178	1758	0.09	ng	# 77
22) Anthracene	17.72	178	1428	0.08	ng	99
23) Fluoranthene	19.63	202	7600	0.09	ng	99
25) Pyrene	19.99	202	7983	0.10	ng	99
27) Benzo(a)anthracene	21.72	228	18091	0.19	ng	95
28) Chrysene	21.72	228	18338	0.19	ng	# 82
29) Bis(2-ethylhexyl)phthalate	21.66	149	709	0.05	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.65	276	7813	0.08	ng	98
32) Benzo(b)fluoranthene	23.39	252	1959	0.10	ng	# 86
33) Benzo(k)fluoranthene	23.44	252	2197	0.10	ng	# 88
34) Benzo(a)pyrene	24.02	252	1995	0.10	ng	# 81
35) Dibenzo(a,h)anthracene	26.68	278	1629	0.09	ng	# 77
36) Benzo(g,h,i)perylene	27.42	276	7751	0.10	ng	# 86

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

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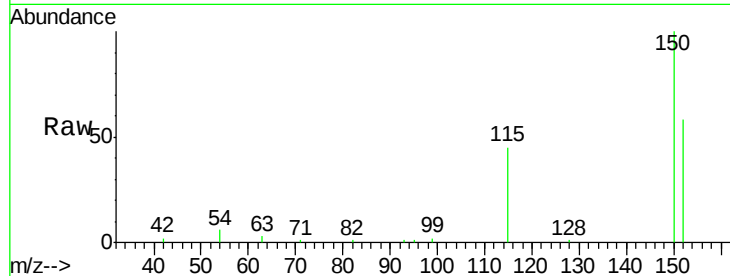


#1

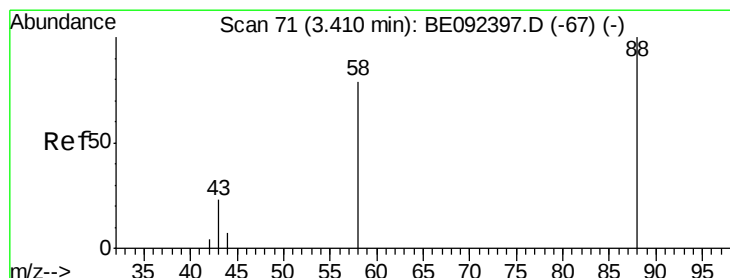
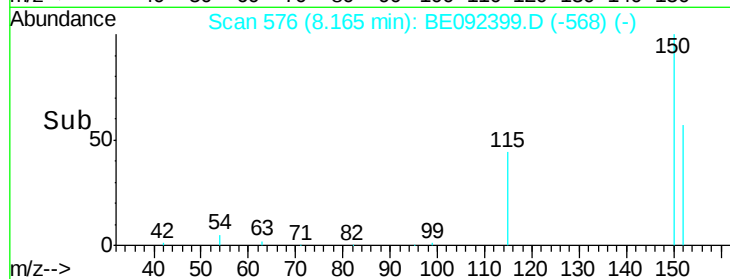
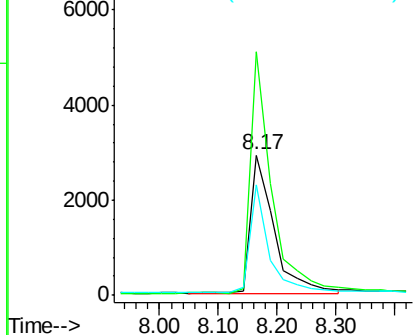
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 8045
Ion Ratio Lower Upper
152 100
150 173.3 106.0 159.0#
115 78.4 31.2 46.8#



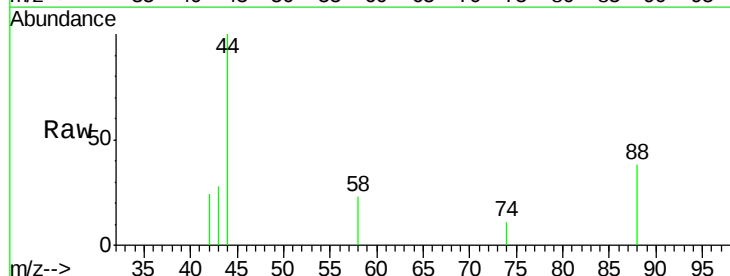
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



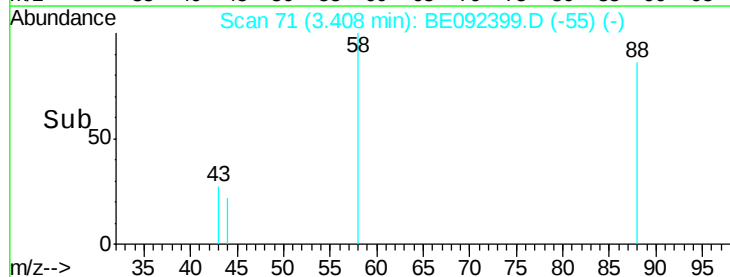
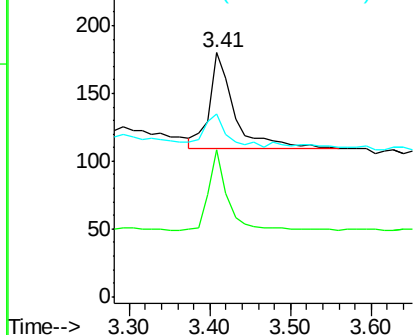
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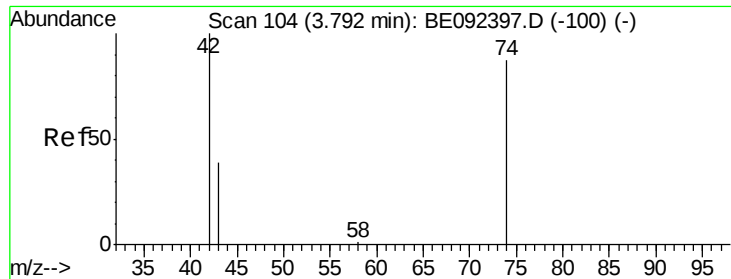
1,4-Dioxane
Concen: 0.14 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

Tgt Ion: 88 Resp: 155
Ion Ratio Lower Upper
88 100
58 63.9 63.6 95.4
43 31.6 28.0 42.0



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



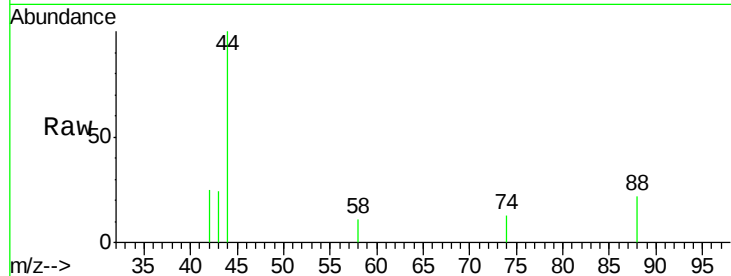


#3

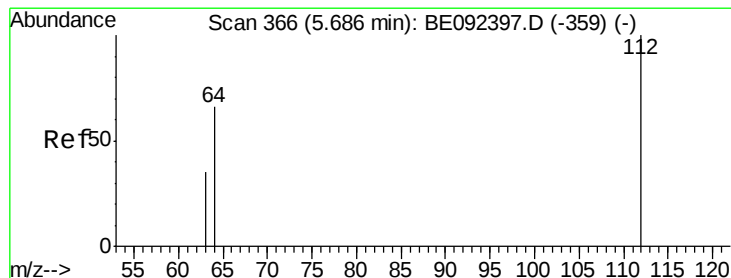
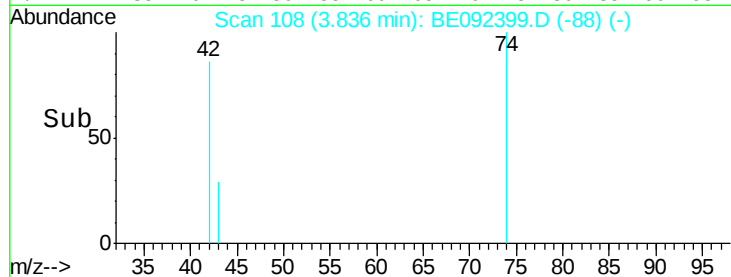
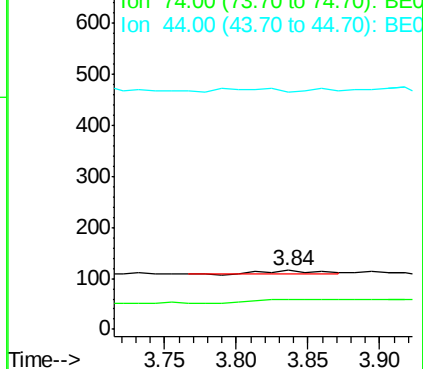
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.84 min Scan# 108
Delta R.T. 0.03 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 23
Ion Ratio Lower Upper
42 100
74 0.0 86.0 129.0#
44 0.0 5.1 7.7#



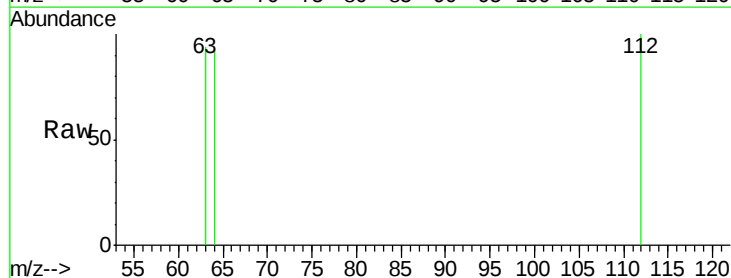
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



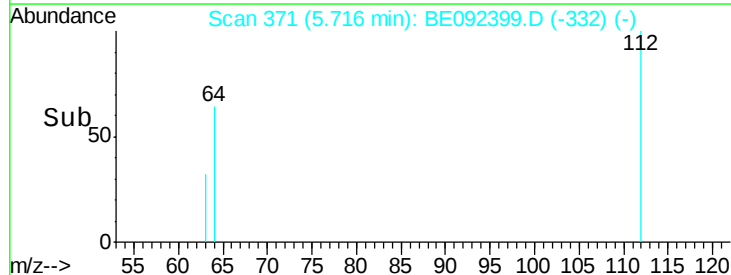
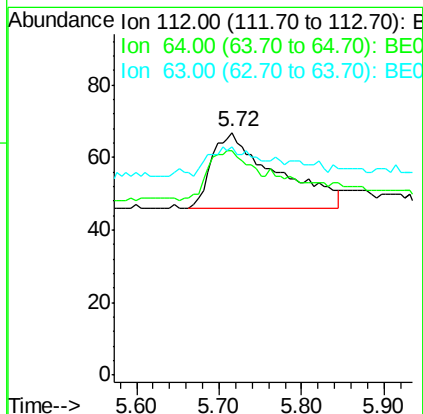
#4

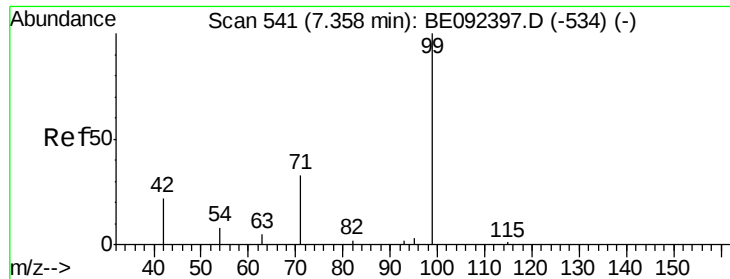
2-Fluorophenol
Concen: 0.06 ng
RT: 5.72 min Scan# 371
Delta R.T. 0.03 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

Tgt Ion: 112 Resp: 113
Ion Ratio Lower Upper
112 100
64 47.8 53.5 80.3#
63 25.7 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: 0.04 ng

RT: 7.43 min Scan# 544

Delta R.T. 0.07 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampled :

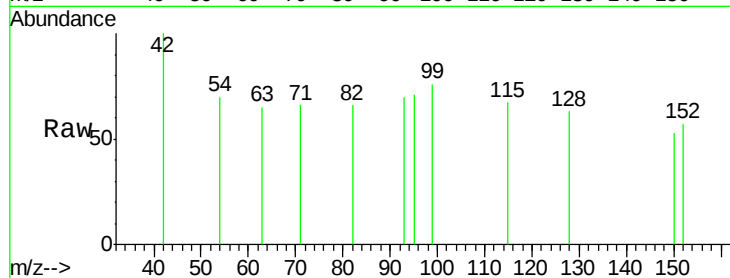
Tot Ion: 99 Resp: 90

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

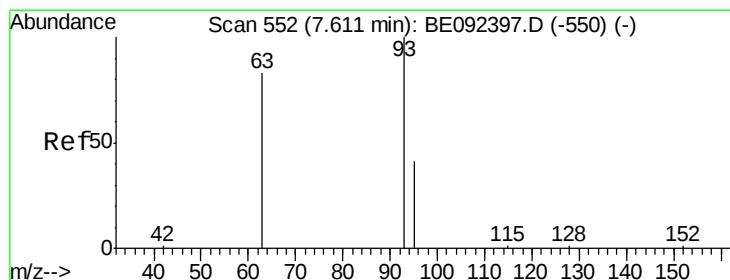
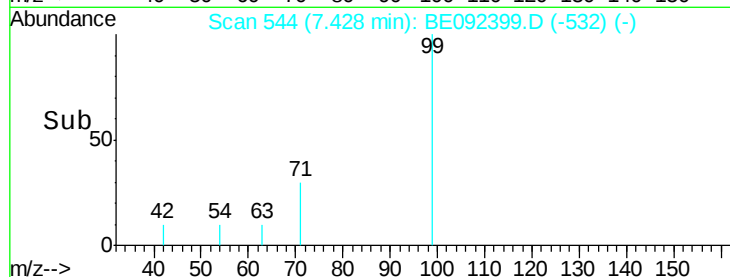
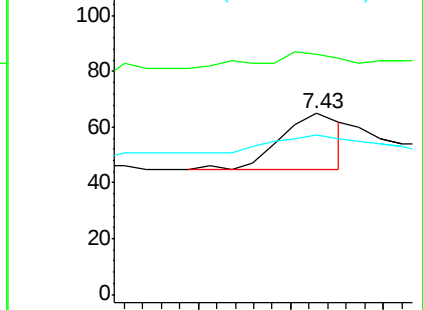
71 33.3 30.6 45.8



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: 0.08 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.09 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

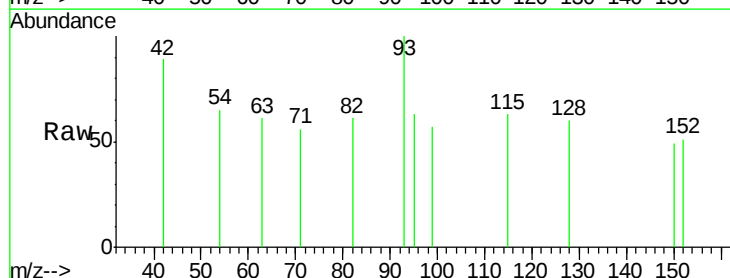
Tgt Ion: 93 Resp: 176

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

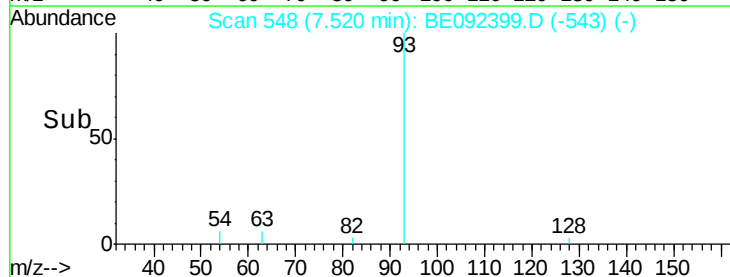
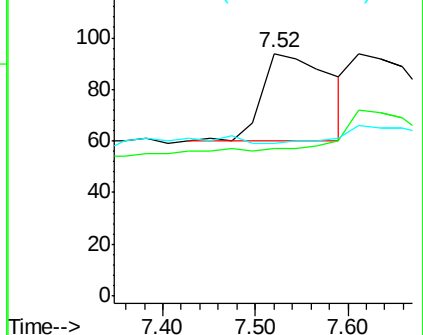
95 0.0 24.0 36.0#

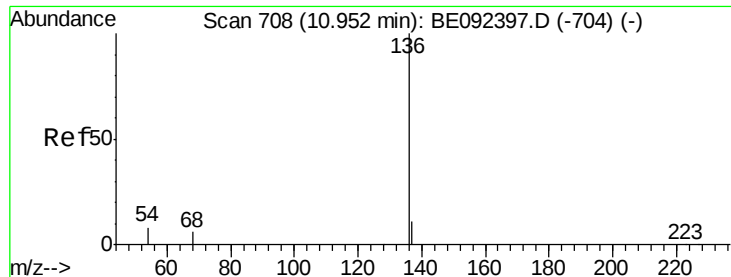


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092399.D

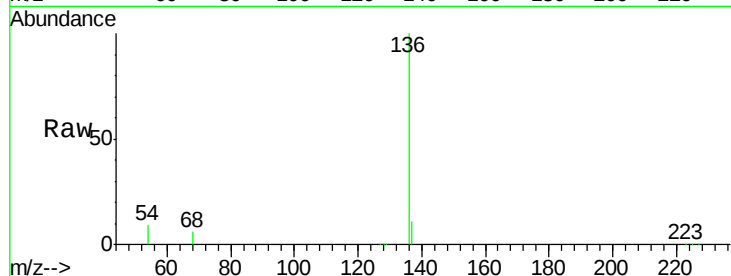
Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampled :

Tot Ion:136	Resp:	39201
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.2 12.4
54	8.5	9.6 14.4#
68	6.2	6.7 10.1#

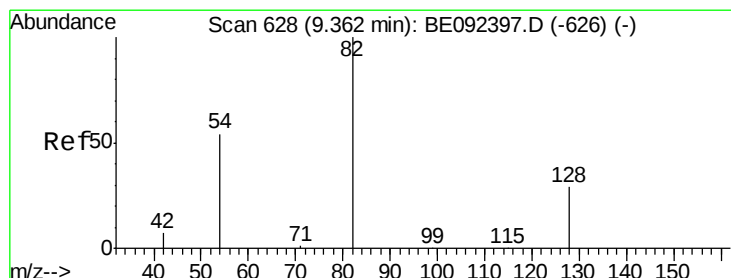
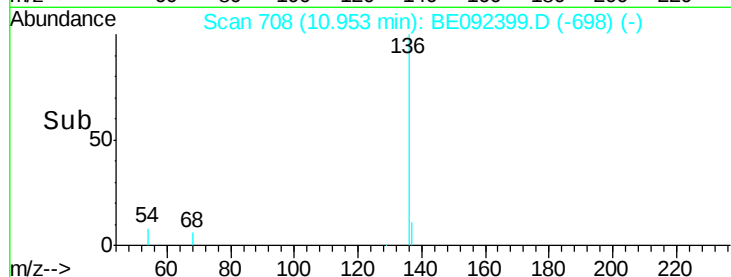
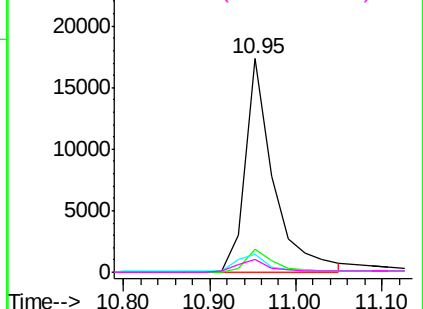


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.04 ng

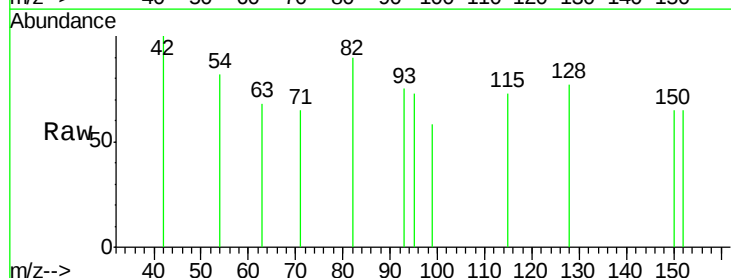
RT: 9.43 min Scan# 631

Delta R.T. 0.07 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

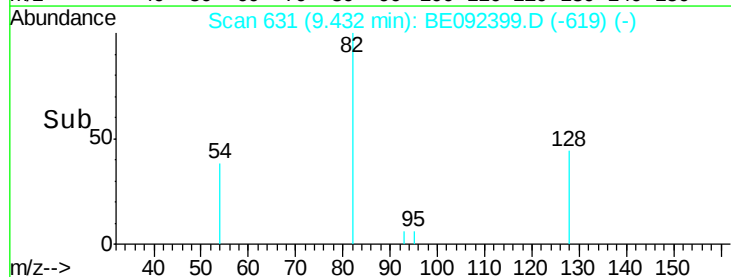
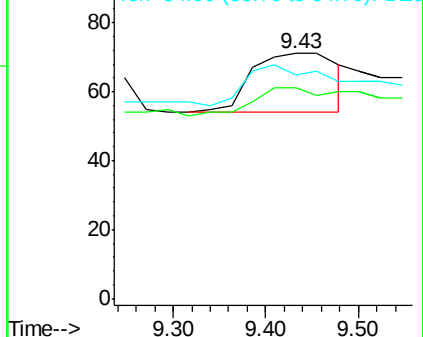
Tgt Ion: 82	Resp:	111
Ion Ratio	Lower	Upper
82	100	
128	85.9	39.0 58.4#
54	91.5	44.8 67.2#

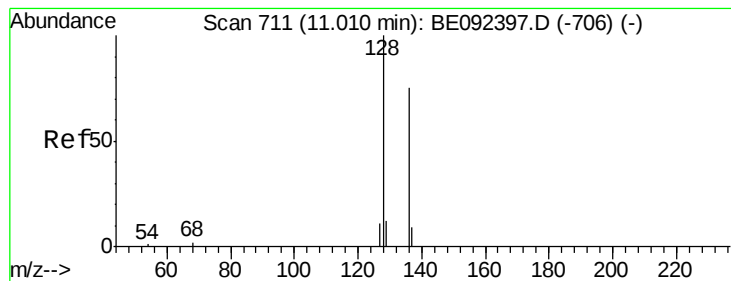


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.12 ng

RT: 11.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampled :

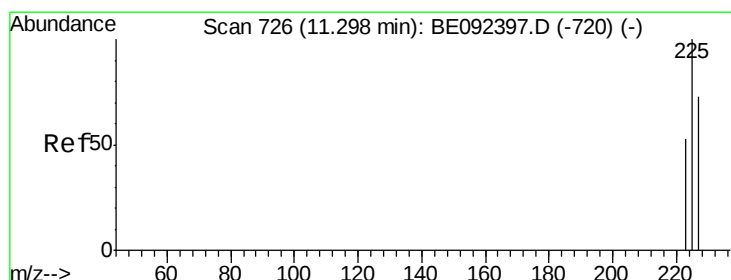
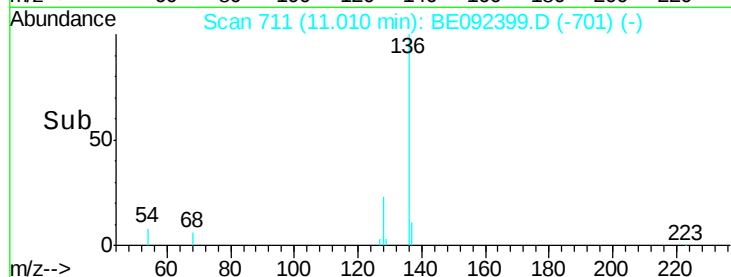
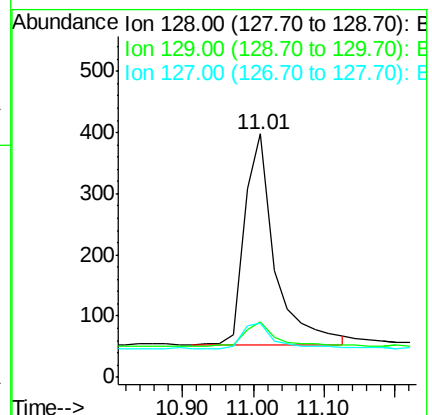
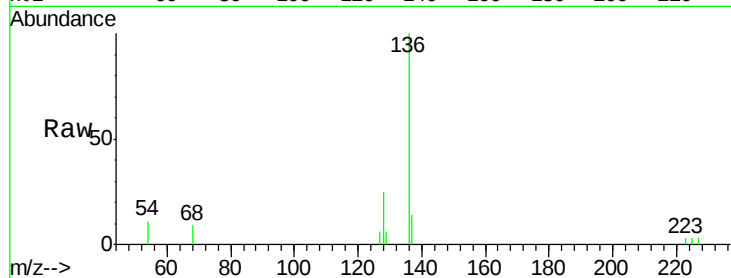
Tot Ion:128 Resp: 1026

Ion Ratio Lower Upper

128 100

129 22.9 11.2 16.8#

127 22.1 11.6 17.4#



#10

Hexachlorobutadiene

Concen: 0.12 ng

RT: 11.30 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

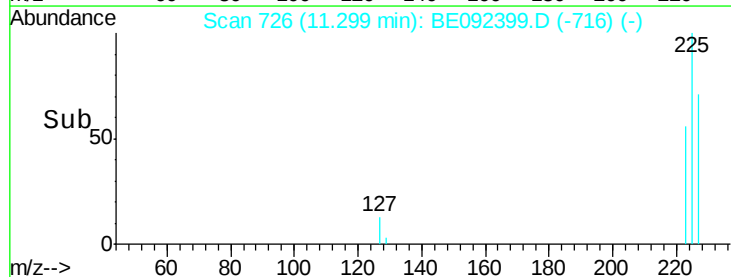
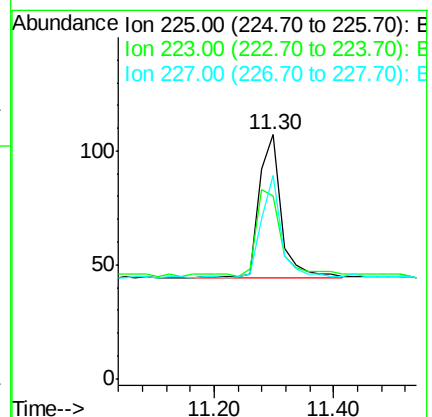
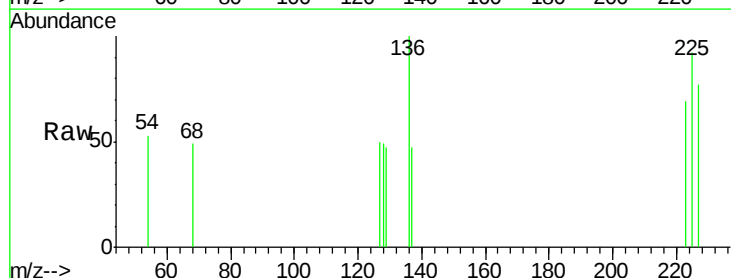
Tgt Ion:225 Resp: 166

Ion Ratio Lower Upper

225 100

223 66.9 50.6 76.0

227 64.5 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 12.68 min Scan# 819

Delta R.T. 0.03 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampleId :

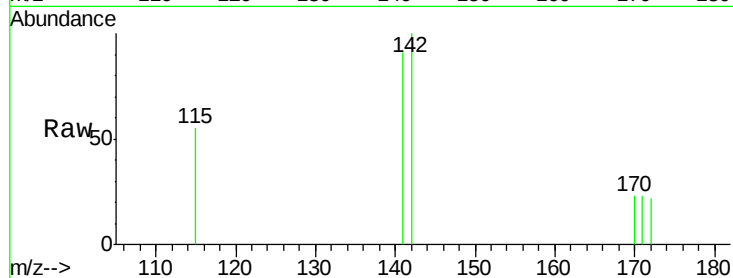
Tot Ion:142 Resp: 585

Ion Ratio Lower Upper

142 100

141 90.5 73.7 110.5

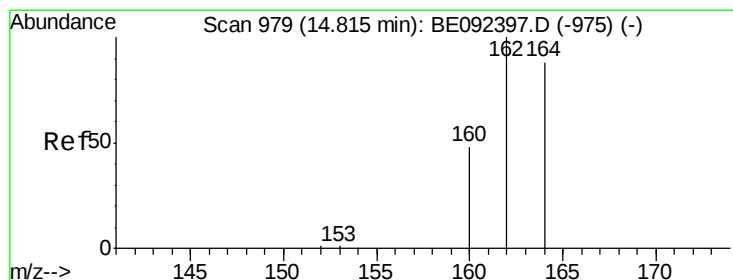
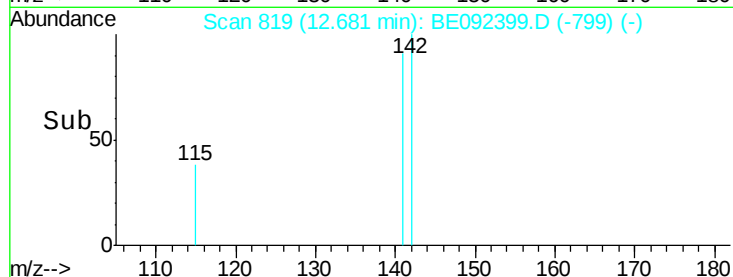
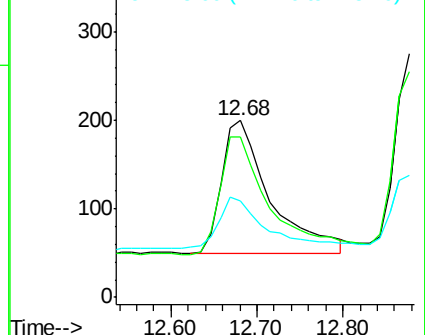
115 54.5 34.0 51.0#



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: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

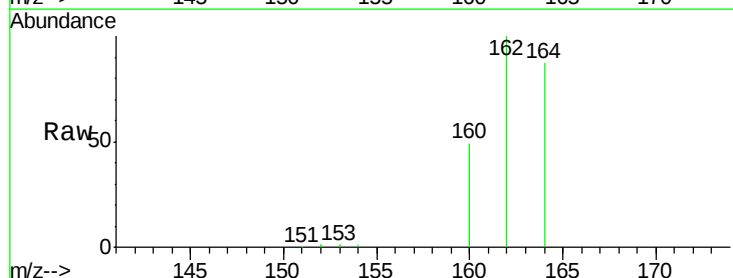
Tgt Ion:164 Resp: 32106

Ion Ratio Lower Upper

164 100

162 114.4 71.4 107.0#

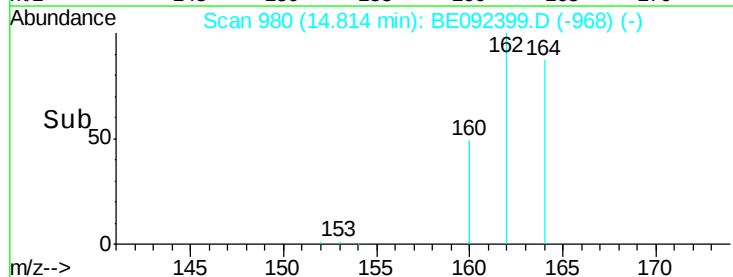
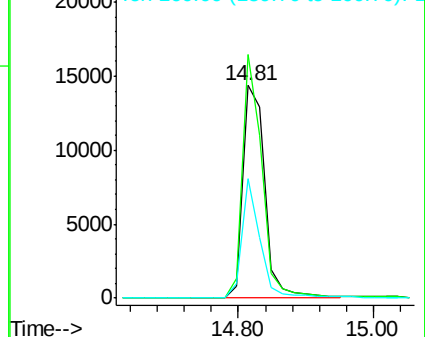
160 56.2 27.4 41.2#

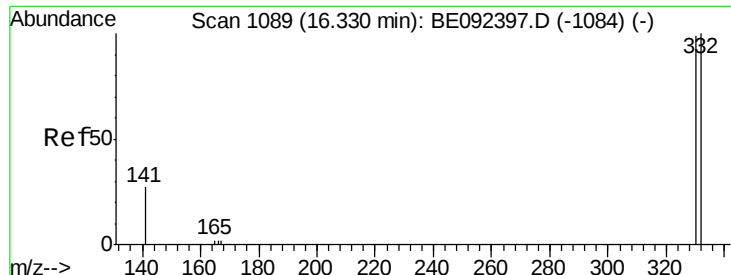


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

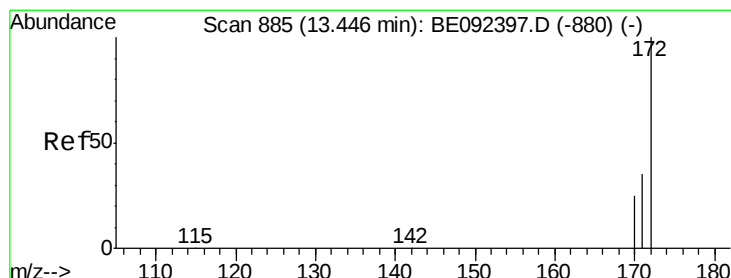
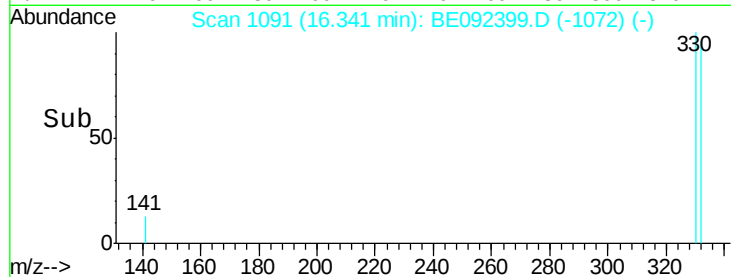
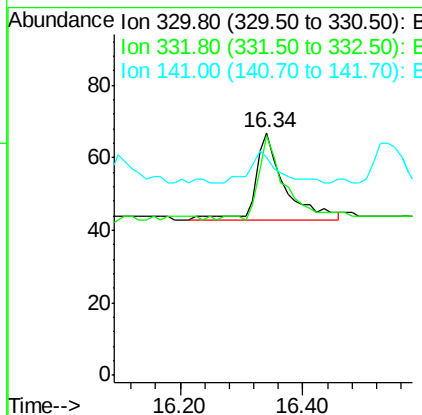
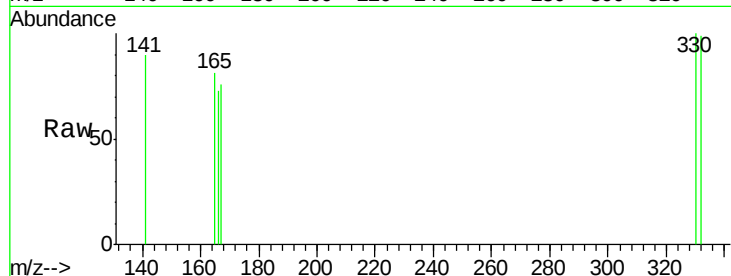




#13
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 16.34 min Scan# 1091
 Delta R.T. 0.02 min
 Lab File: BE092399.D
 Acq: 22 Sep 2016 17:14

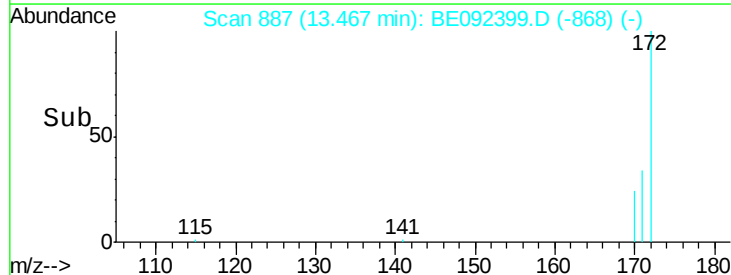
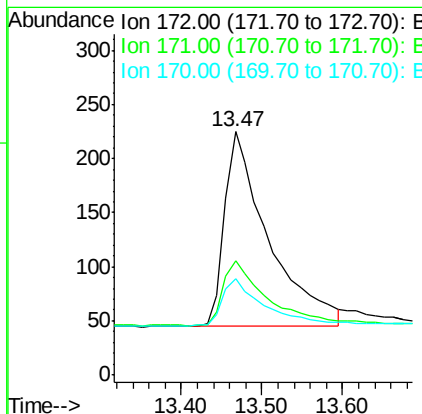
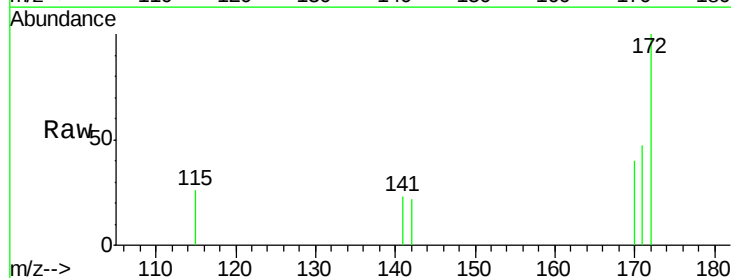
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 78
 Ion Ratio Lower Upper
 330 100
 332 87.2 75.4 113.0
 141 35.9 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.07 ng
 RT: 13.47 min Scan# 887
 Delta R.T. 0.02 min
 Lab File: BE092399.D
 Acq: 22 Sep 2016 17:14

Tgt Ion:172 Resp: 680
 Ion Ratio Lower Upper
 172 100
 171 47.1 30.1 45.1#
 170 39.6 21.8 32.6#





#15

Acenaphthylene

Concen: 0.09 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.02 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampleId :

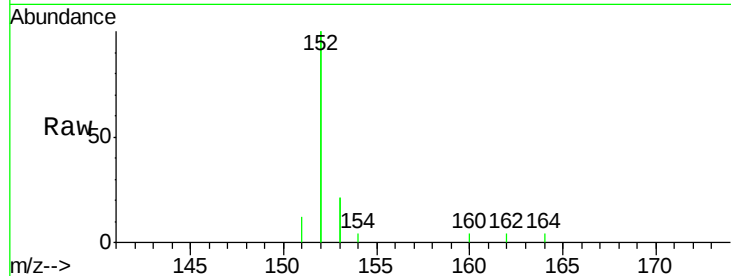
Tot Ion:152 Resp: 4869

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

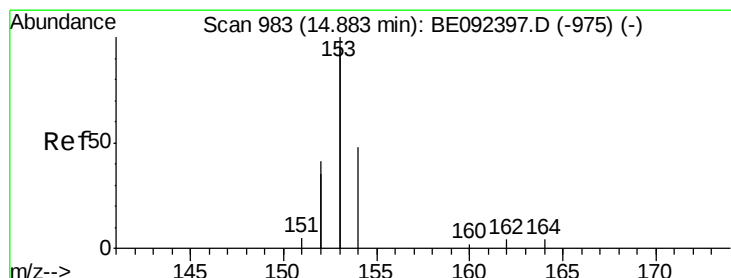
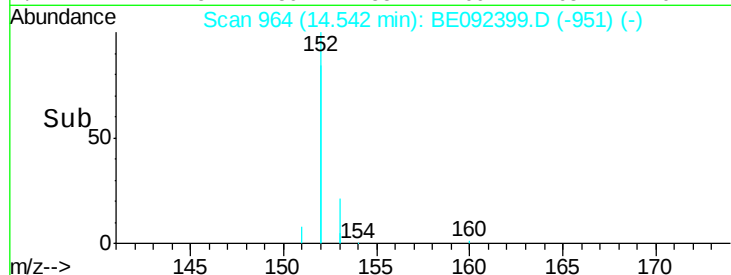
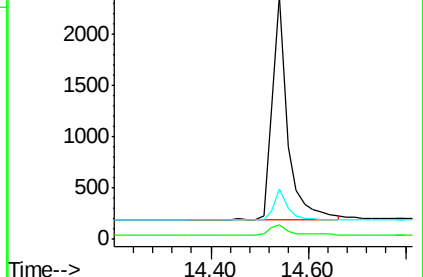
153 12.7 10.4 15.6



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: 0.09 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

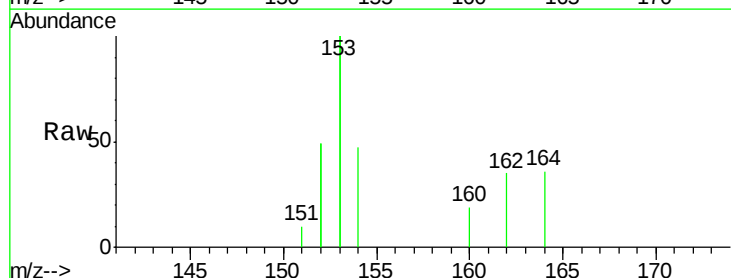
Tgt Ion:154 Resp: 787

Ion Ratio Lower Upper

154 100

153 446.8 350.8 526.2

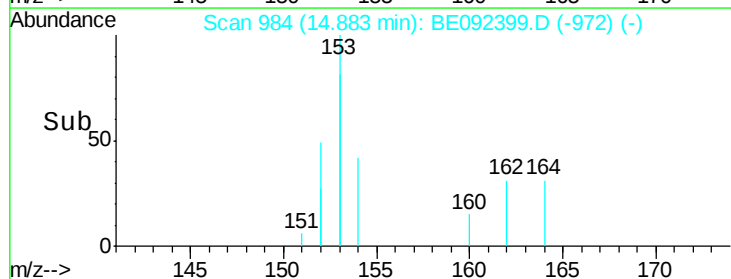
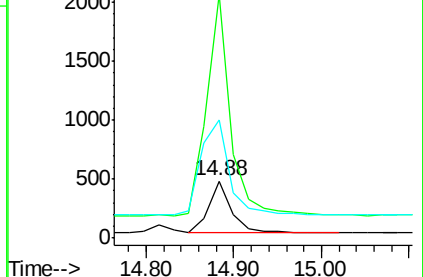
152 224.4 171.1 256.7



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: 0.09 ng

RT: 15.89 min Scan# 1052

Delta R.T. 0.02 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampleId :

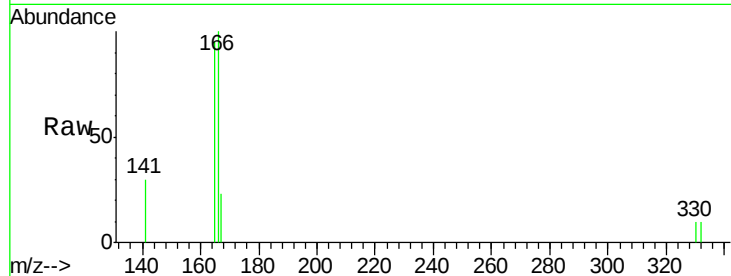
Tot Ion:166 Resp: 956

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.4

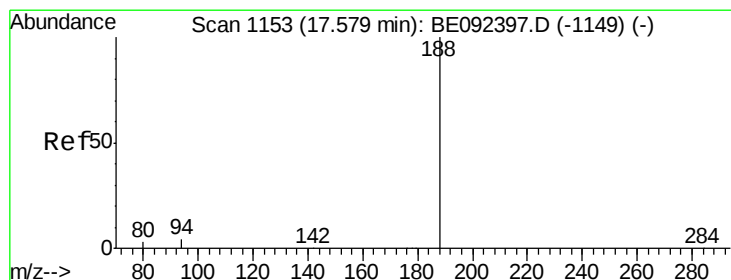
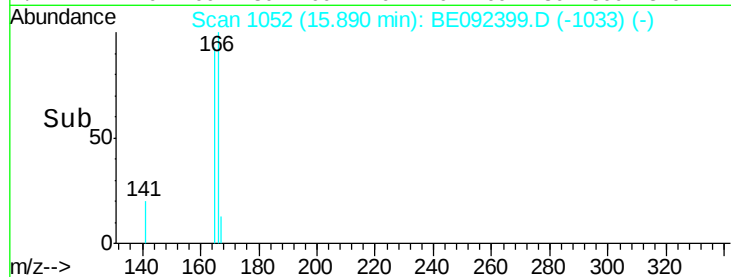
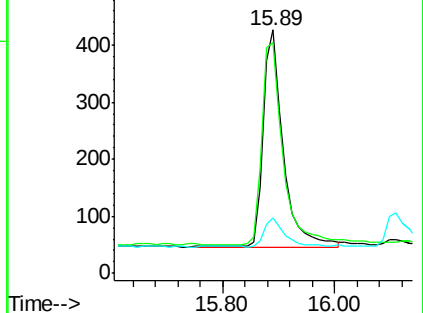
167 13.8 11.0 16.4



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

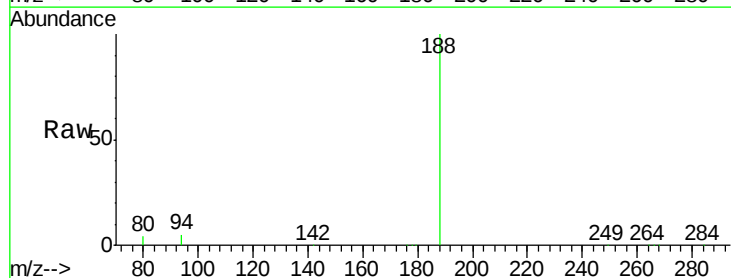
Tgt Ion:188 Resp: 68184

Ion Ratio Lower Upper

188 100

94 4.7 3.2 4.8

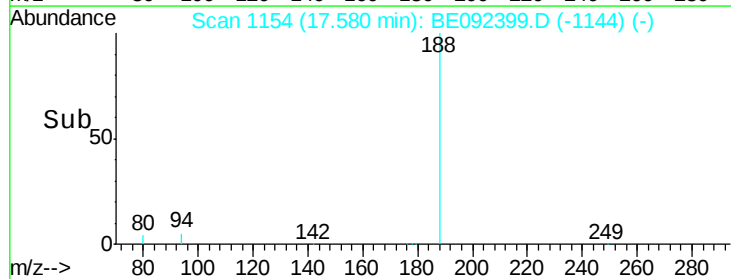
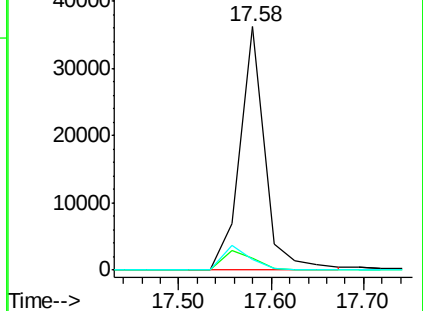
80 4.1 2.6 3.8#



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

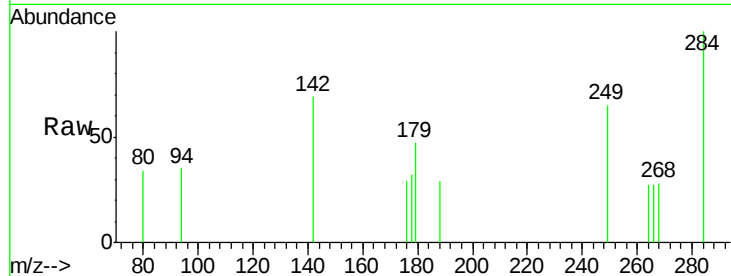




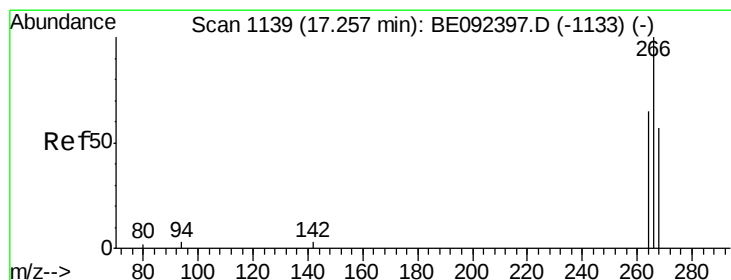
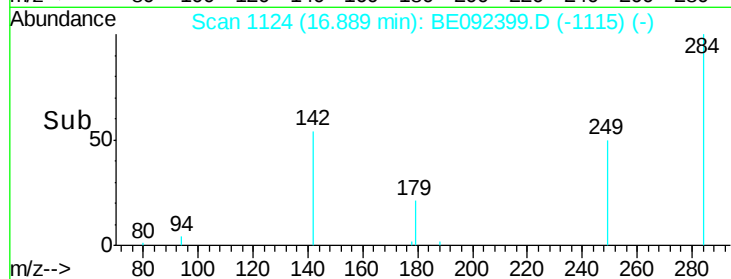
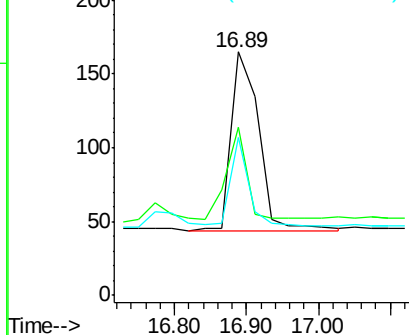
#19
Hexachlorobenzene
Concen: 0.10 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 318
Ion Ratio Lower Upper
284 100
142 38.7 29.1 43.7
249 34.3 27.9 41.9

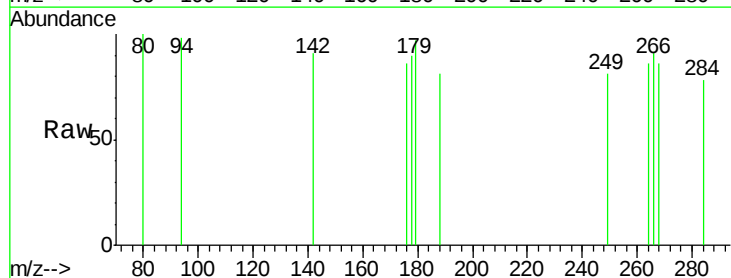


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

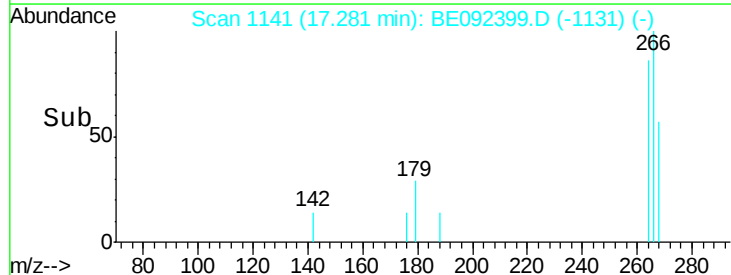
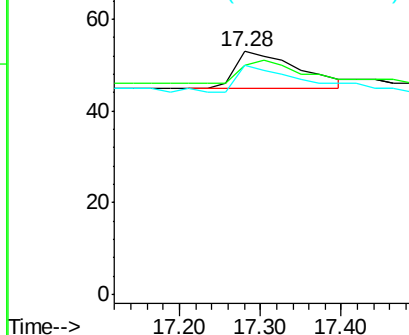


#20
Pentachlorophenol
Concen: 0.06 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

Tgt Ion:266 Resp: 43
Ion Ratio Lower Upper
266 100
268 94.3 62.5 93.7#
264 94.3 57.2 85.8#



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





#21

Phenanthrene

Concen: 0.09 ng

RT: 17.63 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampleId :

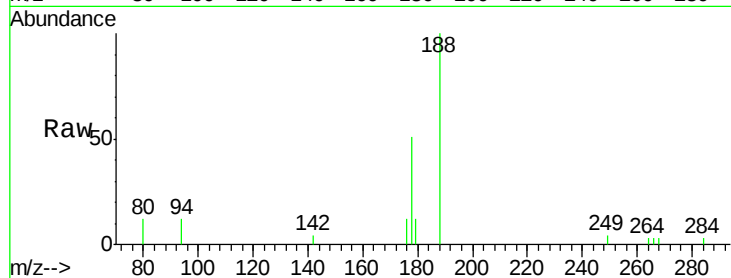
Tot Ion:178 Resp: 1758

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

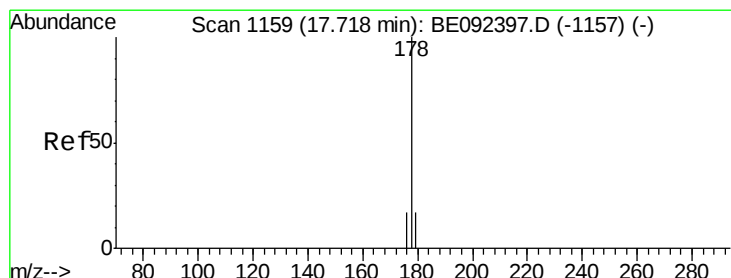
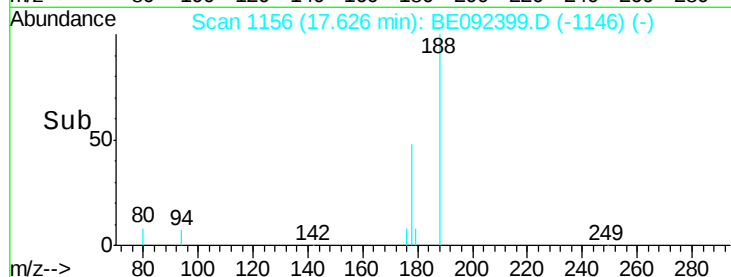
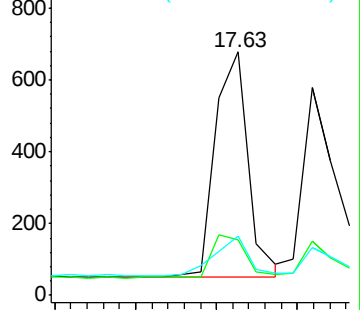
179 18.3 16.0 24.0



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: 0.08 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

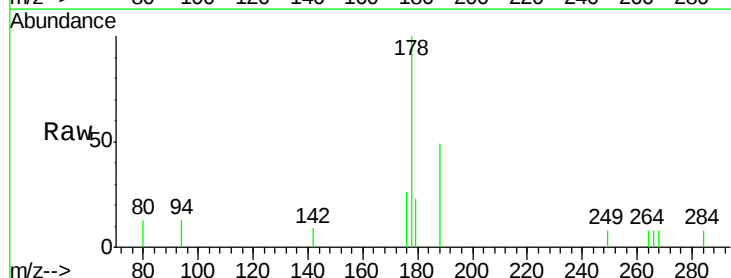
Tgt Ion:178 Resp: 1428

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

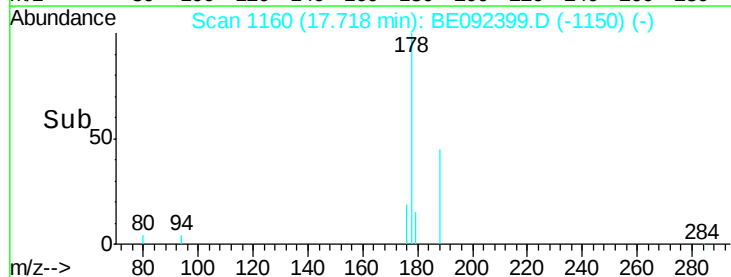
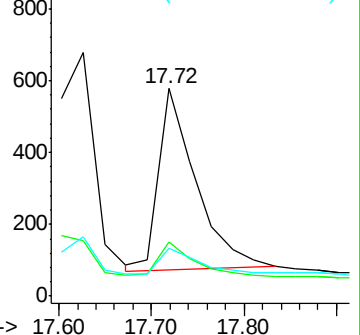
179 14.9 12.2 18.2

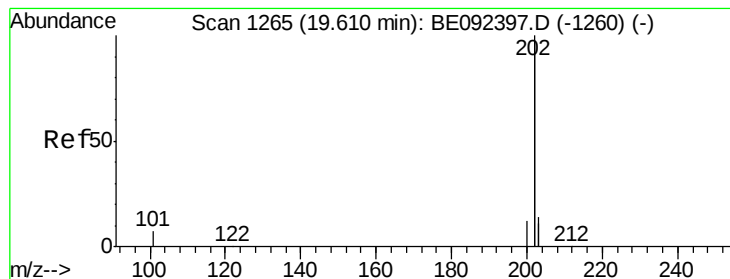


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.09 ng

RT: 19.63 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampleId :

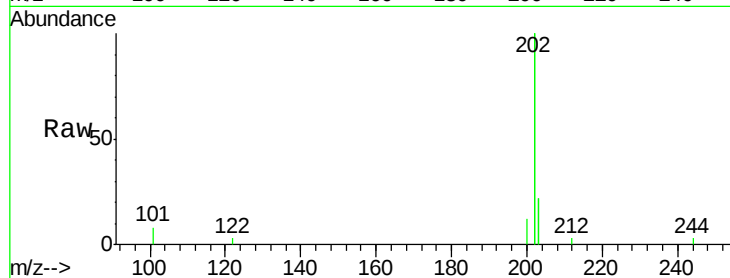
Tot Ion:202 Resp: 7600

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

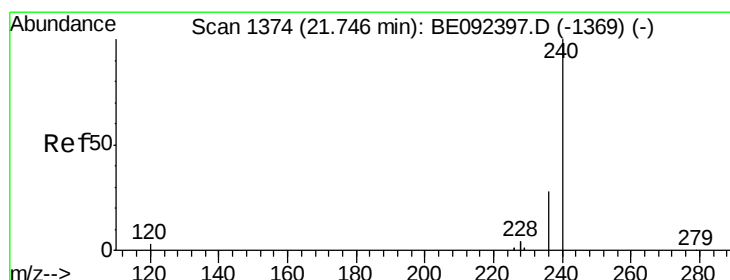
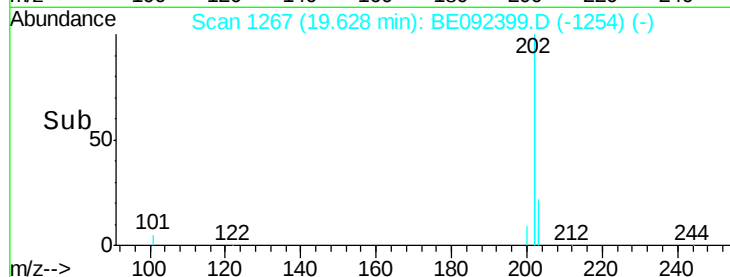
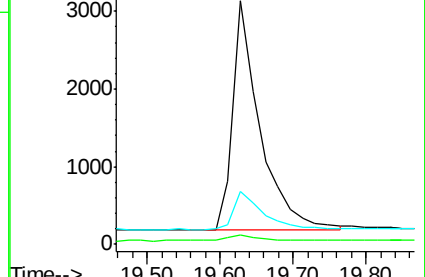
203 17.6 13.7 20.5



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: BE092399.D

Acq: 22 Sep 2016 17:14

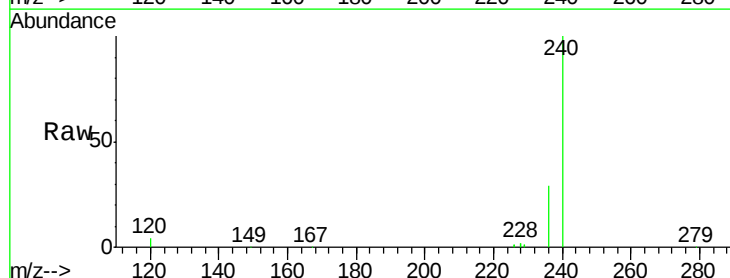
Tgt Ion:240 Resp: 86211

Ion Ratio Lower Upper

240 100

120 4.5 2.6 4.0#

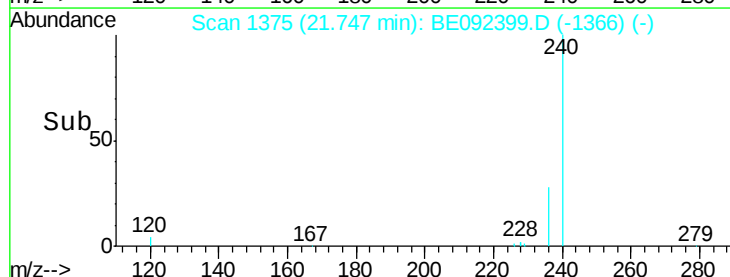
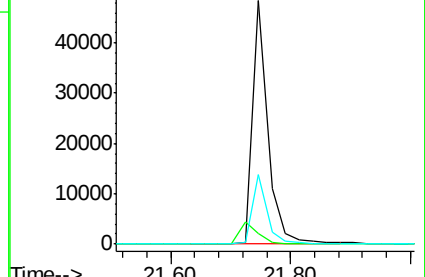
236 28.5 24.6 37.0



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

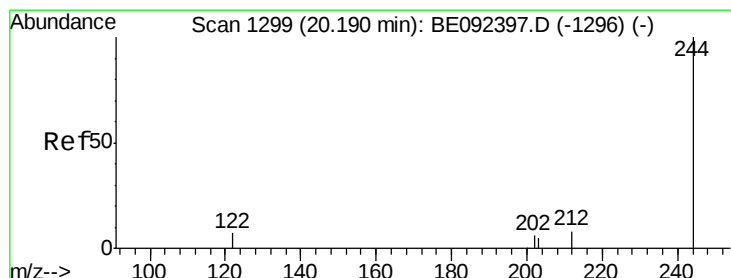
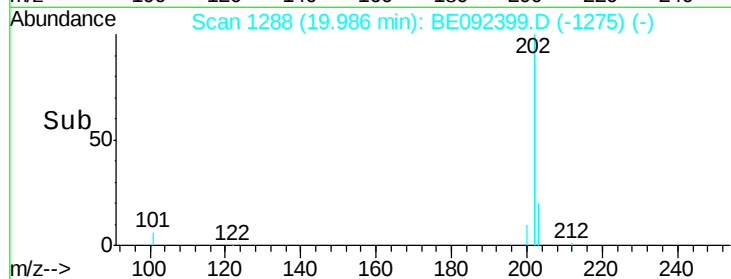
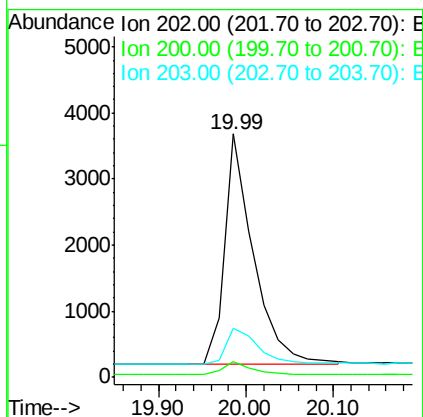
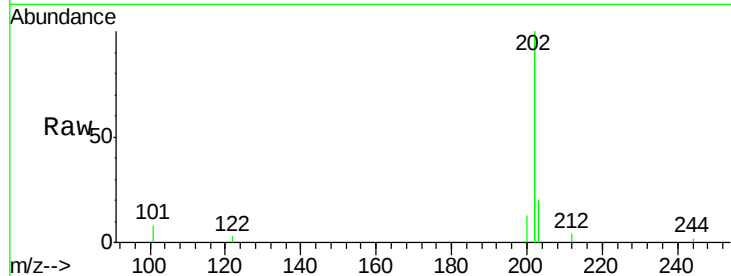




#25
Pvrene
Concen: 0.10 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

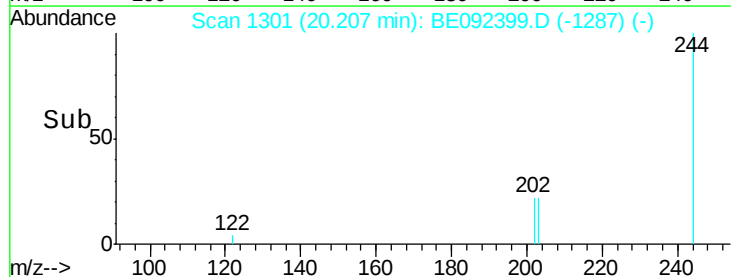
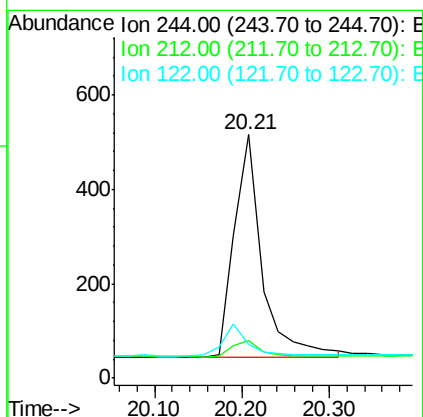
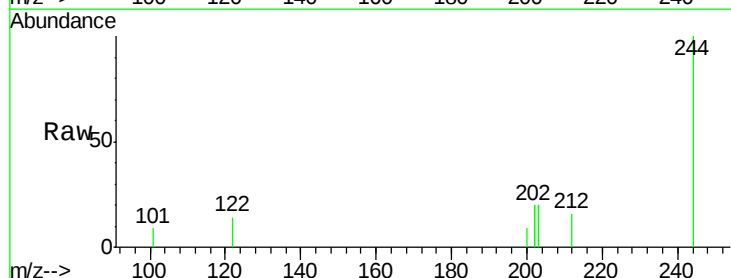
Instrument :
BNA_E
ClientSampleId :

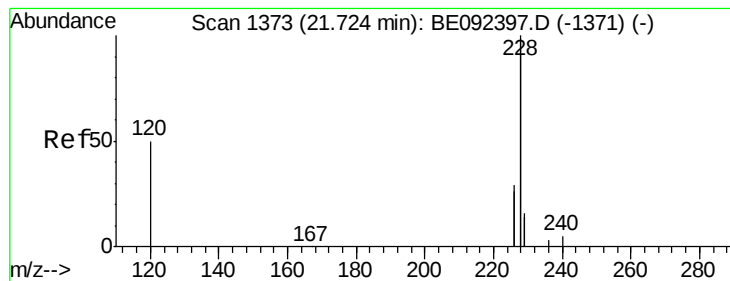
Tot Ion:202 Resp: 7983
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.9 13.9 20.9



#26
Terphenyl-d14
Concen: 0.08 ng
RT: 20.21 min Scan# 1301
Delta R.T. 0.03 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

Tgt Ion:244 Resp: 1033
Ion Ratio Lower Upper
244 100
212 15.5 6.7 10.1#
122 13.8 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.19 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampleId :

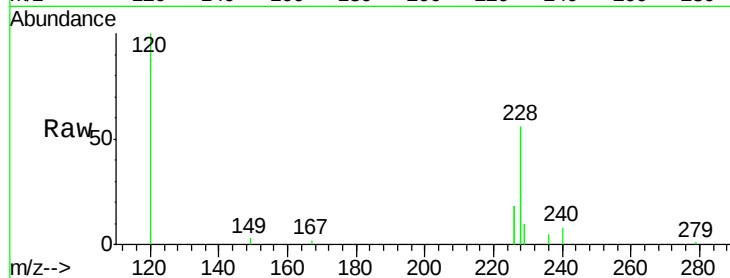
Tot Ion:228 Resp: 18091

Ion Ratio Lower Upper

228 100

226 32.6 23.6 35.4

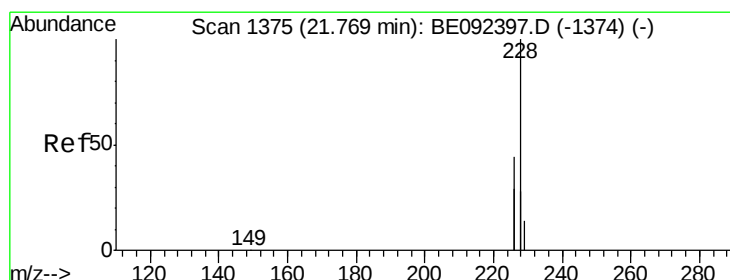
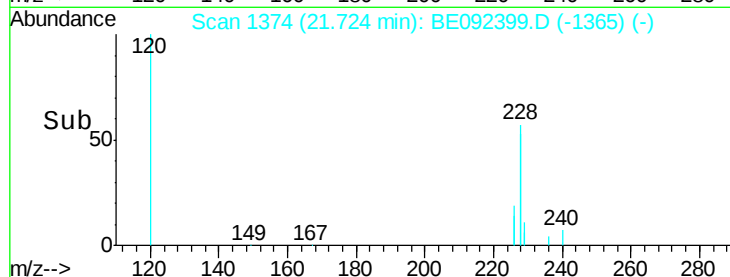
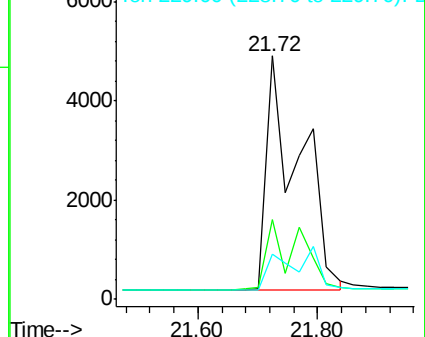
229 18.5 13.3 19.9



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



#28

Chrysene

Concen: 0.19 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.04 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

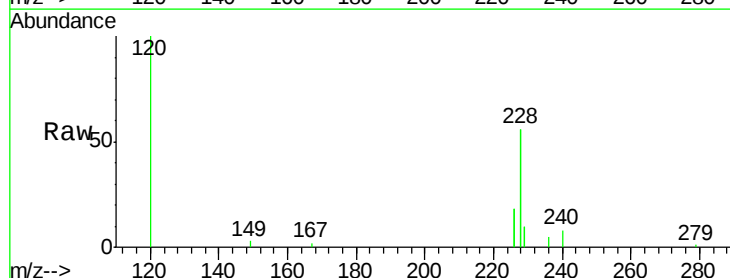
Tgt Ion:228 Resp: 18338

Ion Ratio Lower Upper

228 100

226 32.6 36.3 54.5#

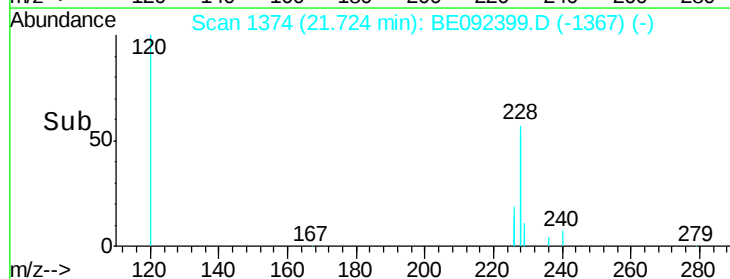
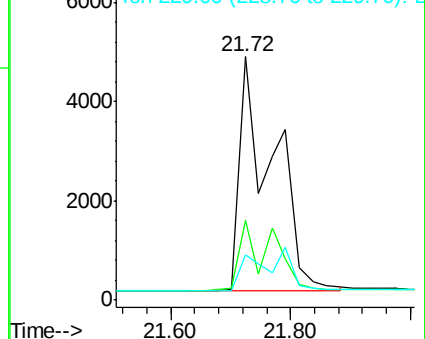
229 18.5 10.6 16.0#



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

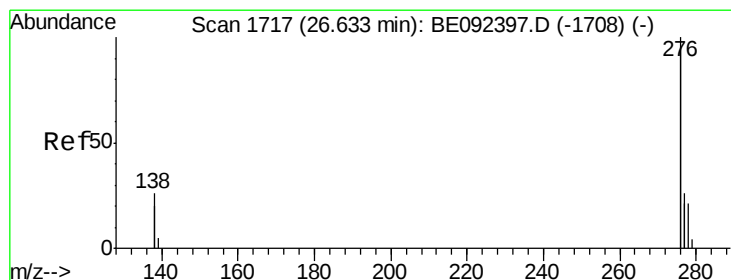
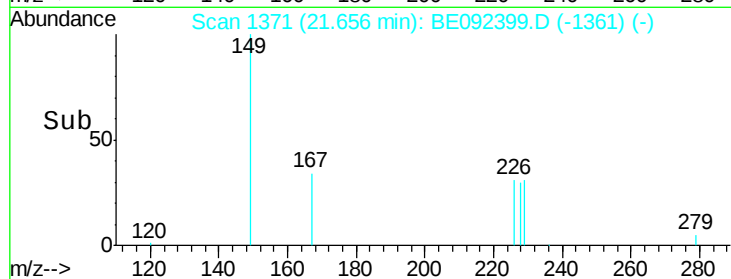
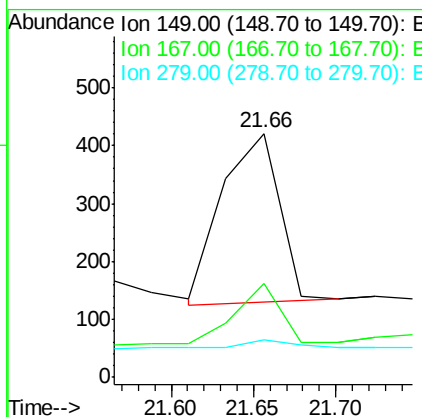
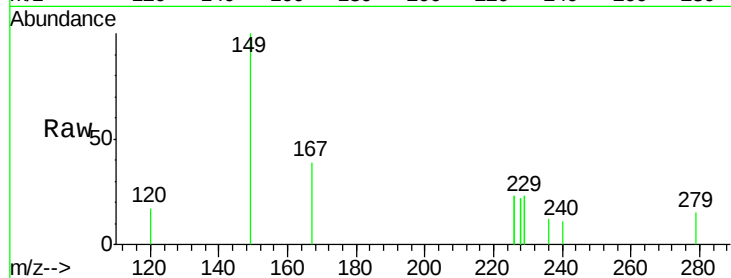




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 21.66 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: BE092399.D
 Acq: 22 Sep 2016 17:14

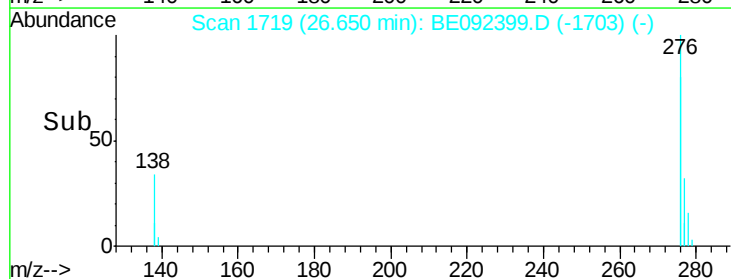
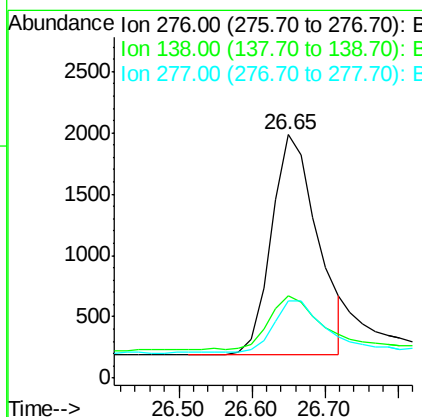
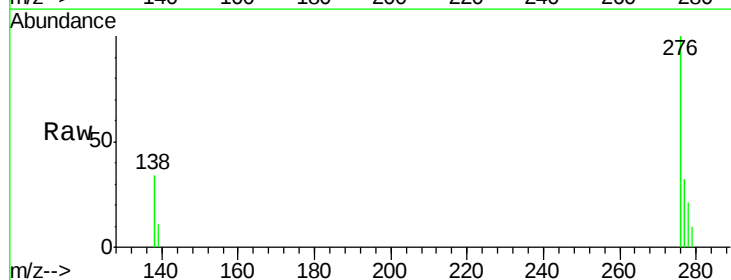
Instrument :
 BNA_E
 ClientSampled :

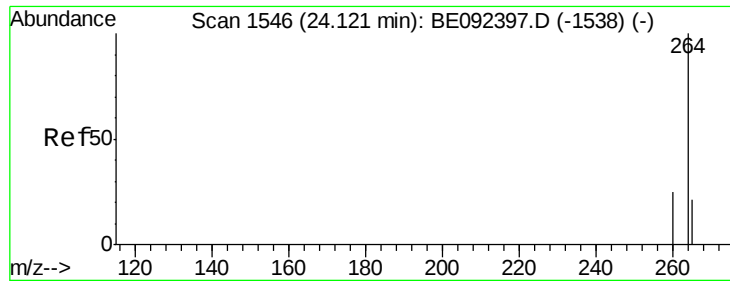
Tot Ion:149 Resp: 709
 Ion Ratio Lower Upper
 149 100
 167 31.0 16.0 24.0#
 279 5.2 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng
 RT: 26.65 min Scan# 1719
 Delta R.T. 0.07 min
 Lab File: BE092399.D
 Acq: 22 Sep 2016 17:14

Tgt Ion:276 Resp: 7813
 Ion Ratio Lower Upper
 276 100
 138 26.9 20.3 30.5
 277 24.5 19.7 29.5

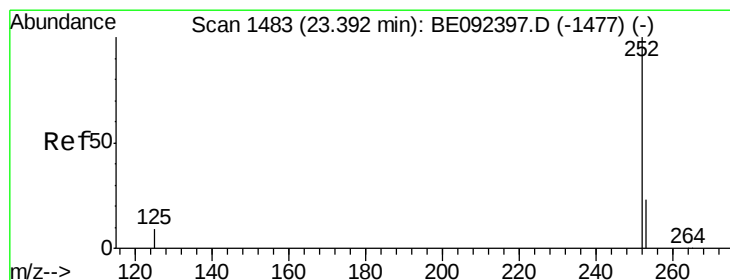
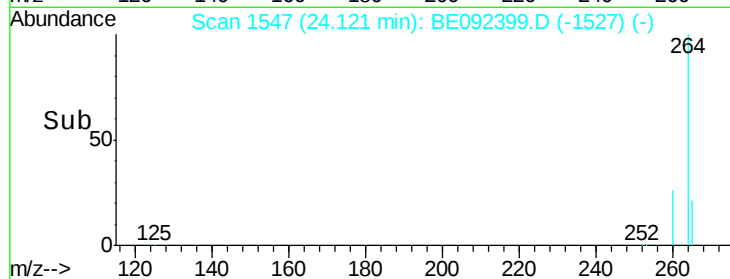
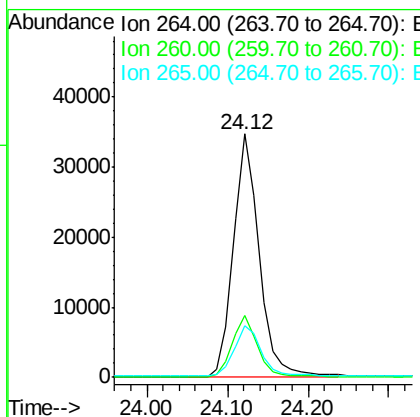
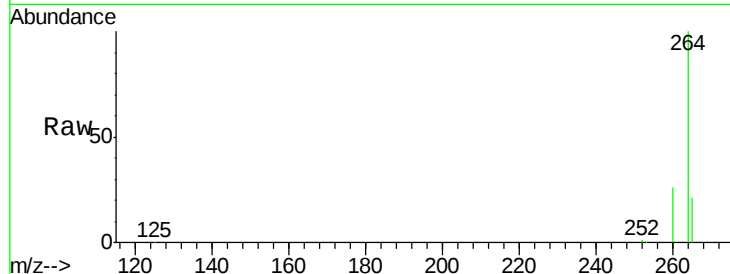




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.03 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

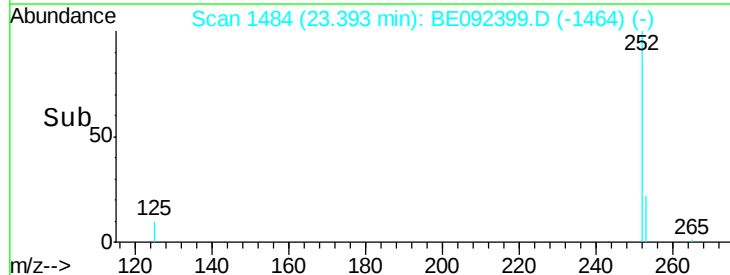
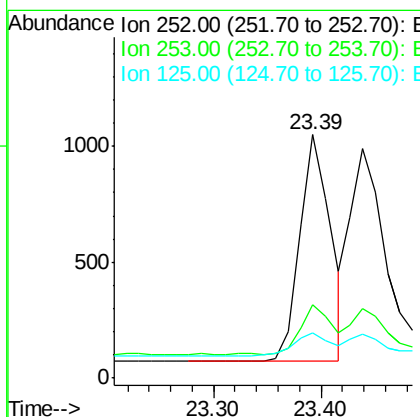
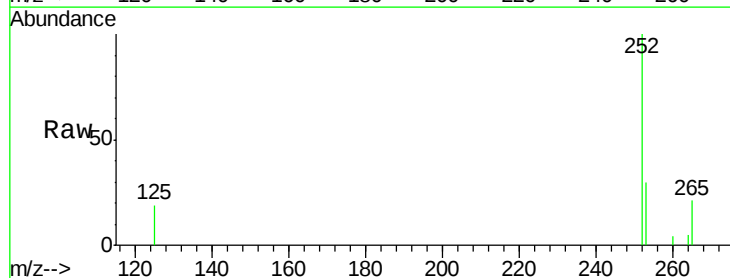
Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 77122
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 21.3 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.03 min
Lab File: BE092399.D
Acq: 22 Sep 2016 17:14

Tgt Ion:252 Resp: 1959
Ion Ratio Lower Upper
252 100
253 30.2 18.7 28.1#
125 18.6 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.10 ng

RT: 23.44 min Scan# 1488

Delta R.T. 0.03 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampleId :

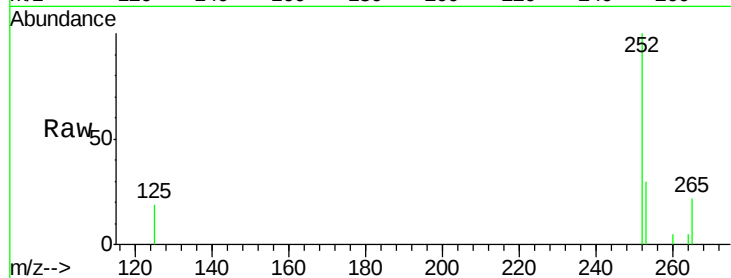
Tot Ion:252 Resp: 2197

Ion Ratio Lower Upper

252 100

253 30.1 20.3 30.5

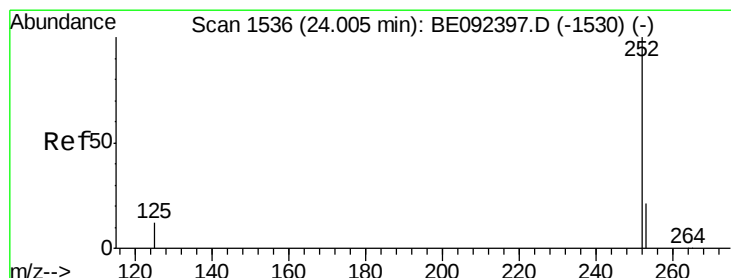
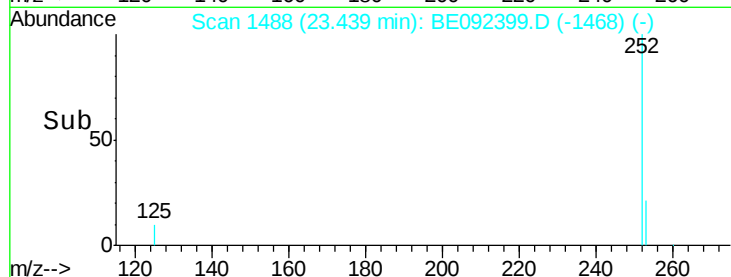
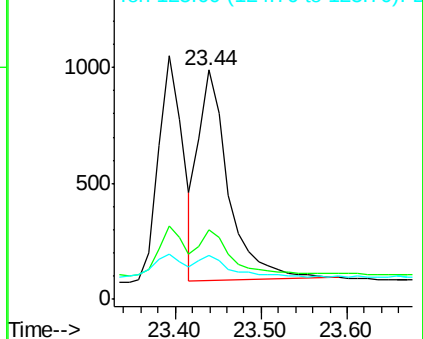
125 19.0 9.6 14.4#



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: 0.10 ng

RT: 24.02 min Scan# 1538

Delta R.T. 0.03 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

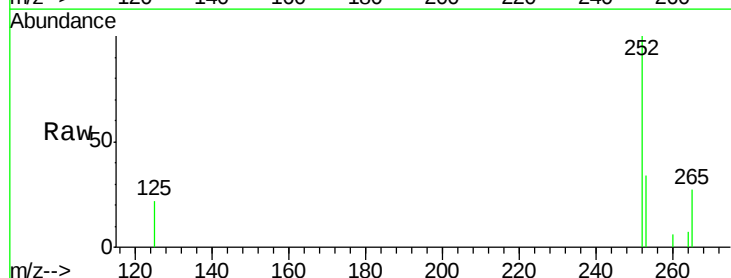
Tgt Ion:252 Resp: 1995

Ion Ratio Lower Upper

252 100

253 33.6 19.0 28.6#

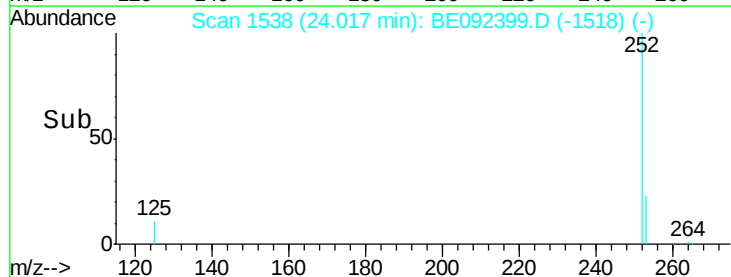
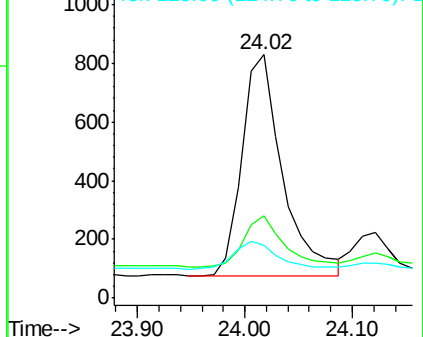
125 21.6 11.8 17.8#



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: 0.09 ng

RT: 26.68 min Scan# 1721

Delta R.T. 0.09 min

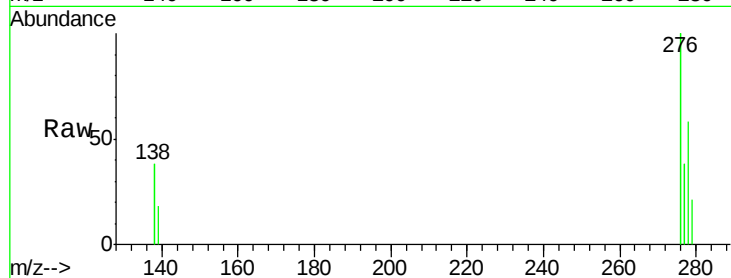
Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Instrument :

BNA_E

ClientSampleId :



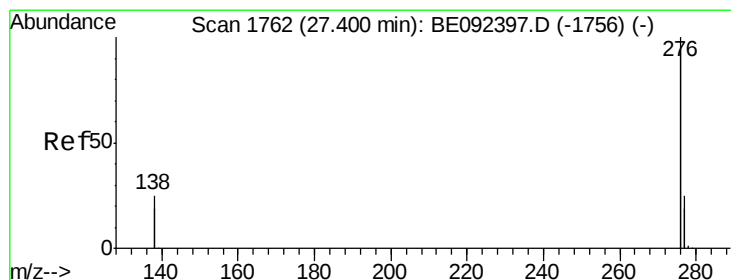
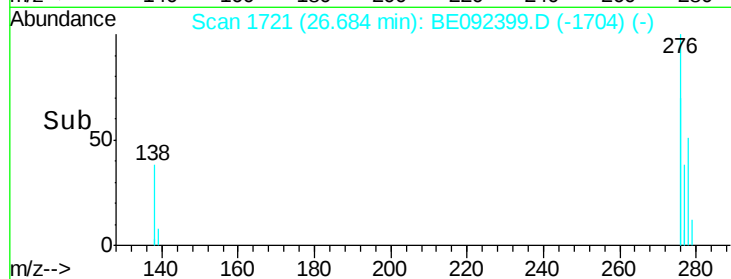
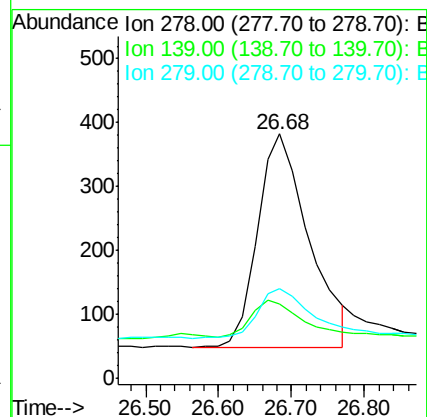
Tot Ion:278 Resp: 1629

Ion Ratio Lower Upper

278 100

139 30.1 13.8 20.8#

279 36.6 21.4 32.2#



#36

Benzo(g,h,i)perylene

Concen: 0.10 ng

RT: 27.42 min Scan# 1764

Delta R.T. 0.07 min

Lab File: BE092399.D

Acq: 22 Sep 2016 17:14

Tgt Ion:276 Resp: 7751

Ion Ratio Lower Upper

276 100

277 31.3 19.8 29.8#

138 32.3 19.8 29.6#

