

Data Path : Z:\HPCHEM1\BNA E\Data\BE091216\
 Data File : BE092377.D
 Acq On : 12 Sep 2016 18:23
 Operator : UM/SJ
 Sample : H4758-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 12 19:06:21 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11753	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	52353	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	28019	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	61536	5.00	ng	0.00
24) Chrysene-d12	21.75	240	112082	5.00	ng	0.00
31) Perylene-d12	24.11	264	86597	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	30121	10.78	ng	-0.01
5) Phenol-d6	7.34	99	41694	11.18	ng	-0.02
8) Nitrobenzene-d5	9.34	82	20011	5.32	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	10446	12.04	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	36334	4.23	ng	-0.01
26) Terphenyl-d14	20.17	244	51556	3.11	ng	0.00

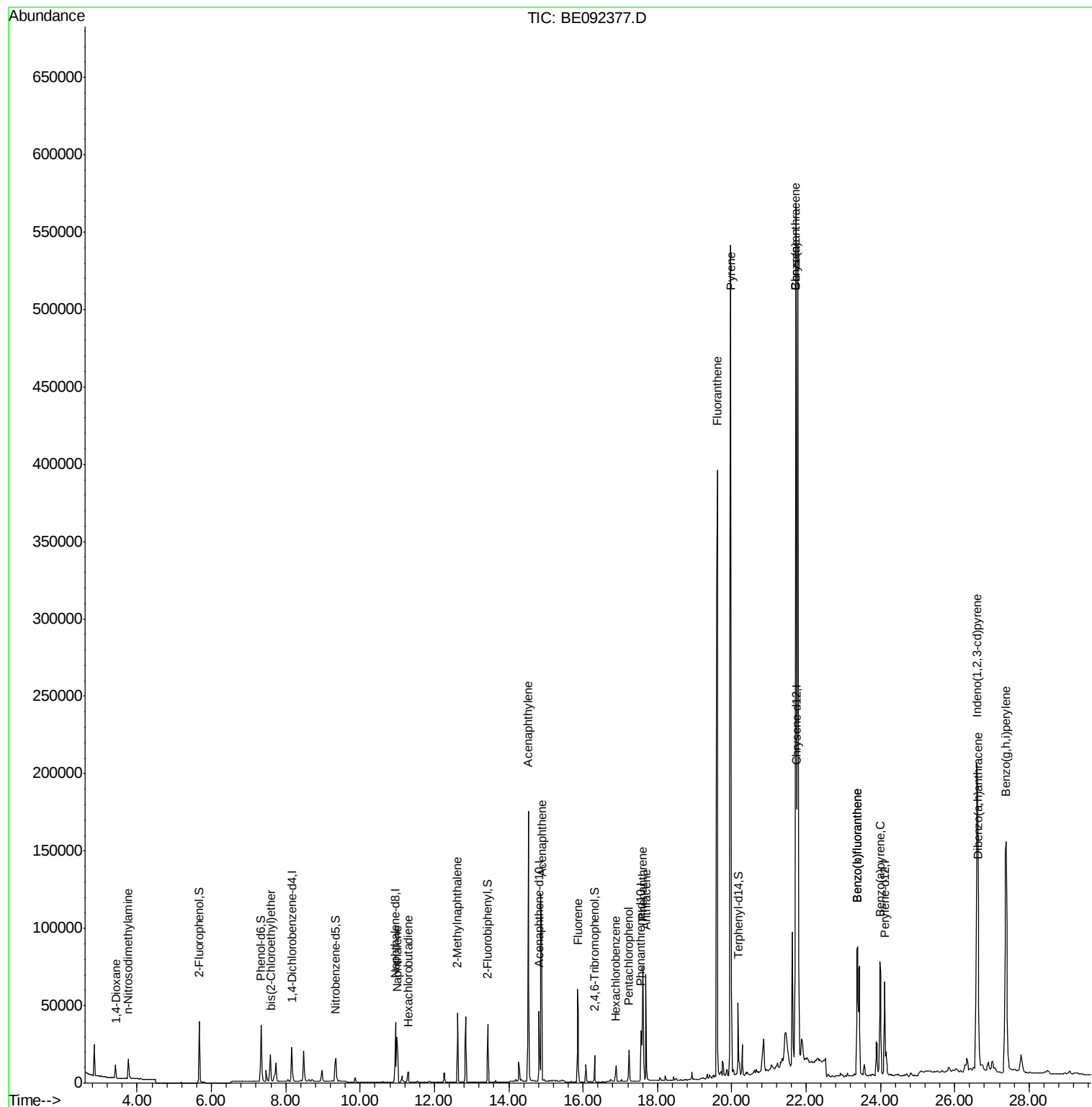
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	5364	3.71	ng	# 84
3) n-Nitrosodimethylamine	3.76	42	9633	5.15	ng	# 97
6) bis(2-Chloroethyl)ether	7.59	93	15766	4.42	ng	92
9) Naphthalene	10.99	128	49195	4.20	ng	# 95
10) Hexachlorobutadiene	11.30	225	6996	3.82	ng	100
11) 2-Methylnaphthalene	12.62	142	33236	4.33	ng	93
15) Acenaphthylene	14.53	152	234091	4.85	ng	100
16) Acenaphthene	14.88	154	31179	3.99	ng	98
17) Fluorene	15.86	166	40949	4.18	ng	100
19) Hexachlorobenzene	16.89	284	11143	3.78	ng	# 63
20) Pentachlorophenol	17.23	266	14959	8.40	ng	85
21) Phenanthrene	17.60	178	89254	5.16	ng	# 94
22) Anthracene	17.70	178	80801	5.25	ng	98
23) Fluoranthene	19.61	202	608578	8.06	ng	99
25) Pyrene	19.97	202	643525	5.90	ng	96
27) Benzo(a)anthracene	21.72	228	1156901	9.56	ng	# 88
28) Chrysene	21.72	228	1155910	10.47	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.63	149	107831	Below Cal		# 73
30) Indeno(1,2,3-cd)pyrene	26.60	276	432410	3.39	ng	99
32) Benzo(b)fluoranthene	23.38	252	150870	6.79	ng	98
33) Benzo(k)fluoranthene	23.38	252	150870	6.42	ng	99
34) Benzo(a)pyrene	23.99	252	117154	5.35	ng	99
35) Dibenzo(a,h)anthracene	26.63	278	71762	3.54	ng	98
36) Benzo(g,h,i)perylene	27.38	276	383793	4.49	ng	99

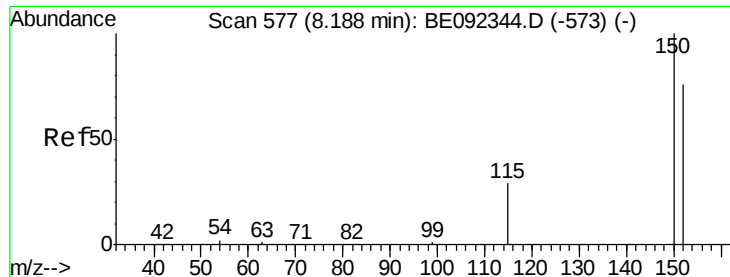
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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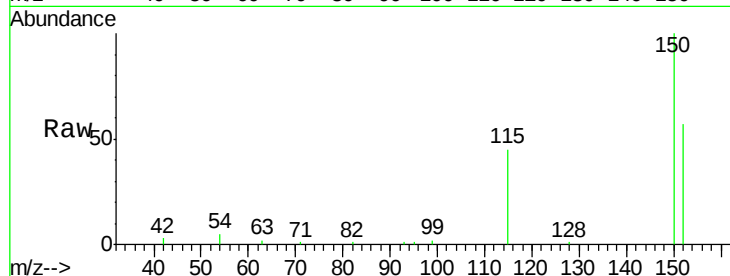


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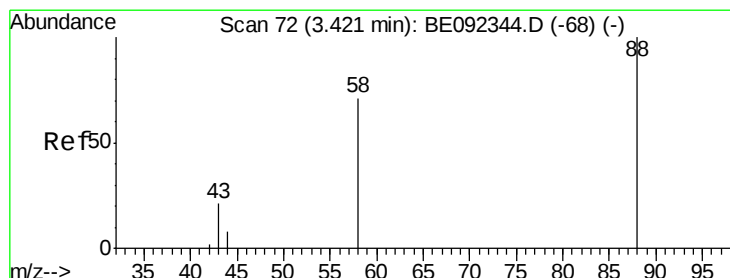
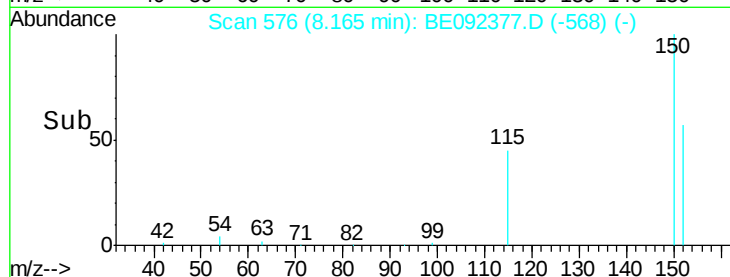
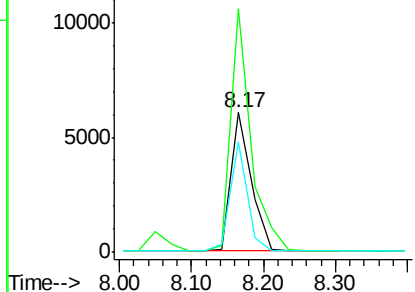
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 11753
Ion Ratio Lower Upper
152 100
150 174.3 106.0 159.0#
115 78.9 31.2 46.8#



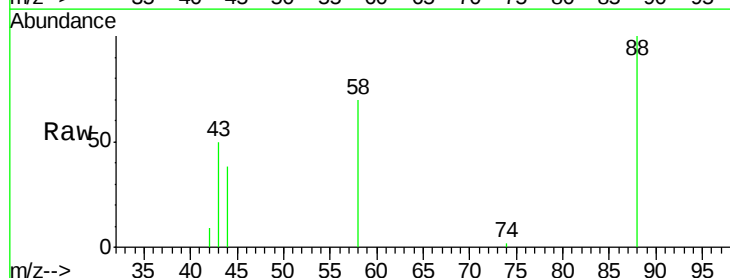
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



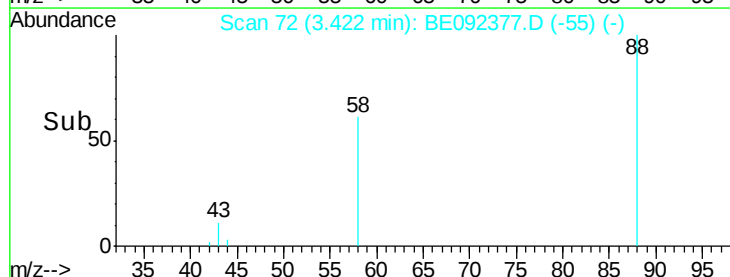
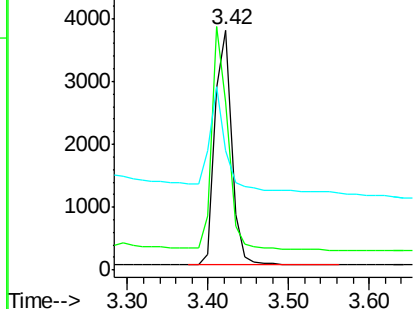
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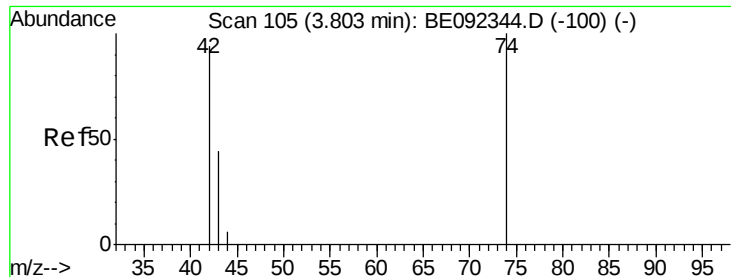
1,4-Dioxane
Concen: 3.71 ng
RT: 3.42 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Tgt Ion: 88 Resp: 5364
Ion Ratio Lower Upper
88 100
58 91.7 63.6 95.4
43 47.8 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



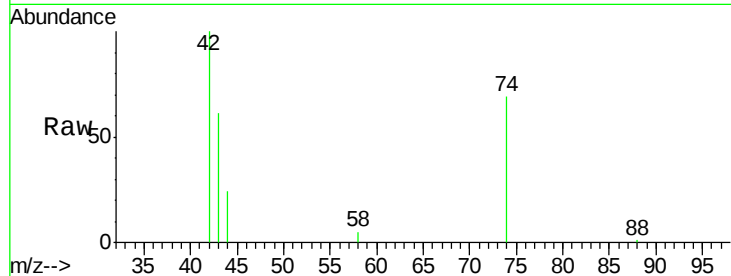


#3

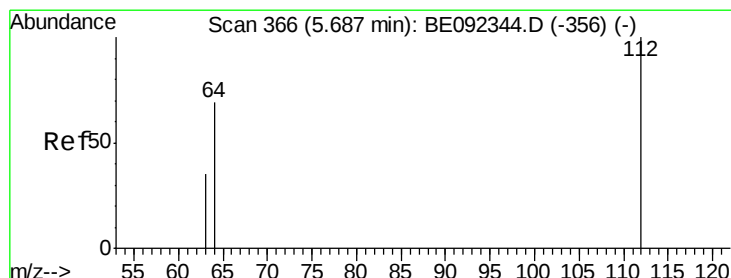
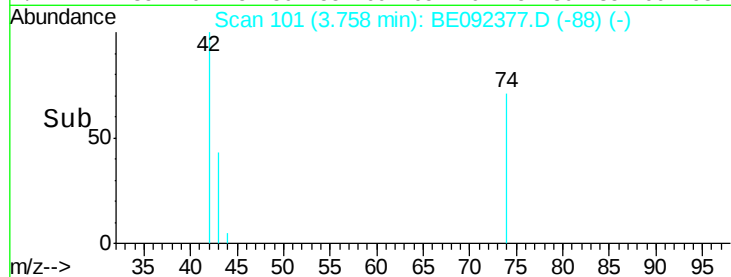
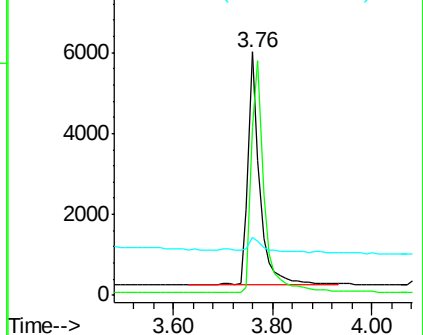
n-Nitrosodimethylamine
Concen: 5.15 ng
RT: 3.76 min Scan# 101
Delta R.T. -0.04 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 9633
Ion Ratio Lower Upper
42 100
74 110.2 86.0 129.0
44 9.4 5.1 7.7#



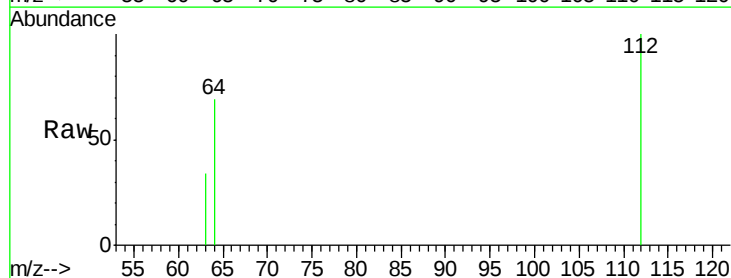
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



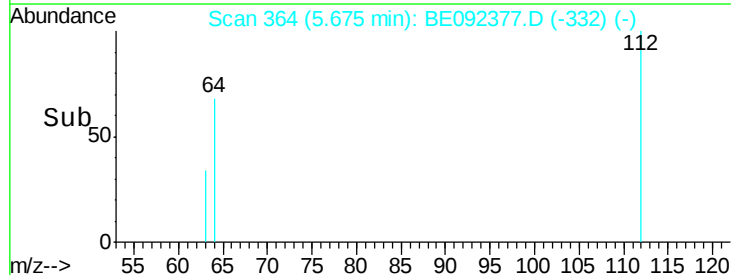
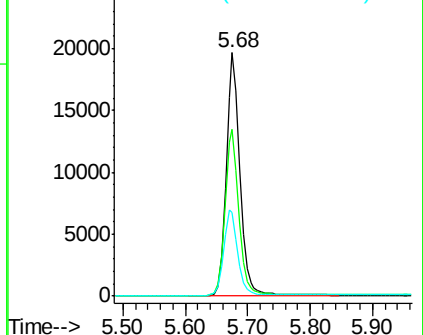
#4

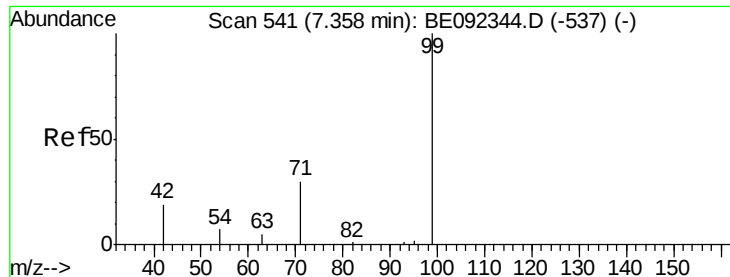
2-Fluorophenol
Concen: 10.78 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Tgt Ion: 112 Resp: 30121
Ion Ratio Lower Upper
112 100
64 69.4 53.5 80.3
63 36.1 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: 11.18 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

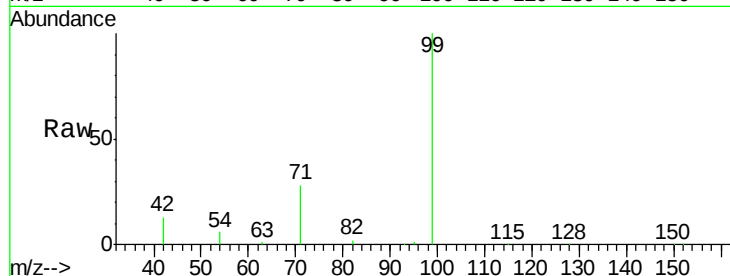
Instrument :

BNA_E

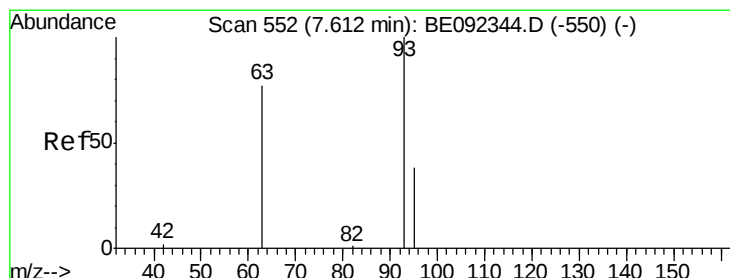
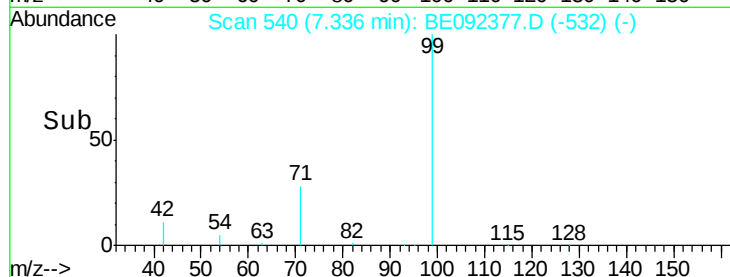
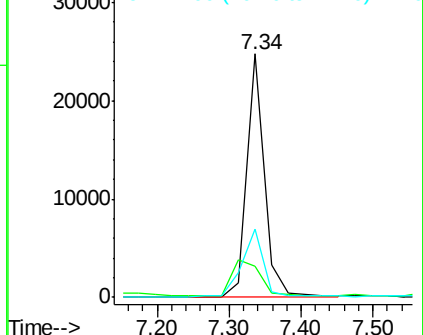
ClientSampleId :

Tot Ion: 99 Resp: 41694

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	33.4	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: 4.42 ng

RT: 7.59 min Scan# 551

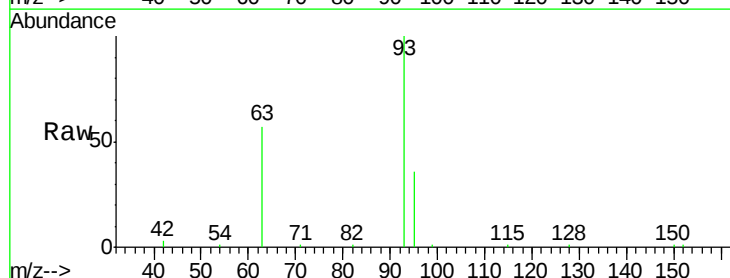
Delta R.T. -0.02 min

Lab File: BE092377.D

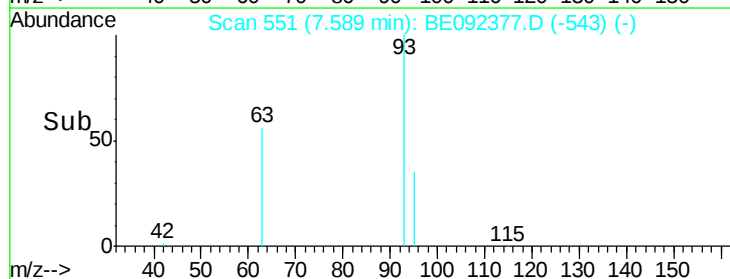
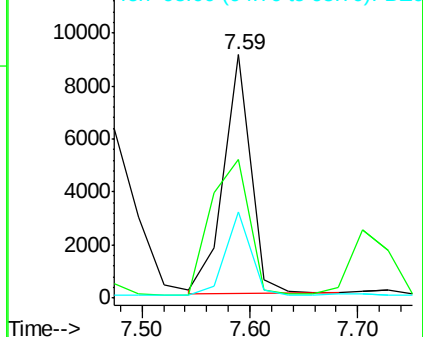
Acq: 12 Sep 2016 18:23

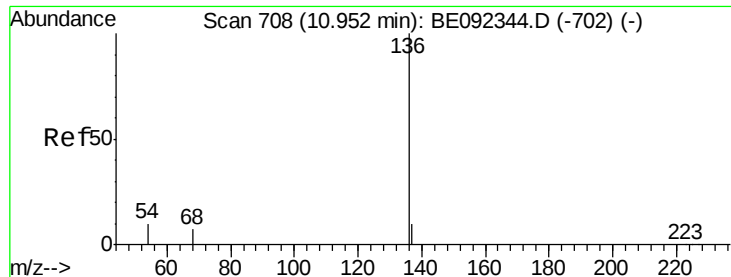
Tgt Ion: 93 Resp: 15766

Ion	Ratio	Lower	Upper
93	100		
63	81.5	71.6	107.4
95	33.3	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: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 52353

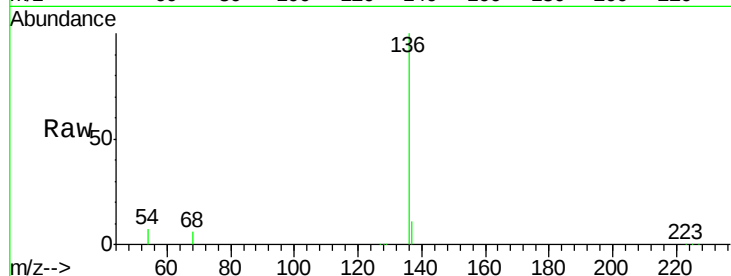
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.3 9.6 14.4#

68 5.8 6.7 10.1#

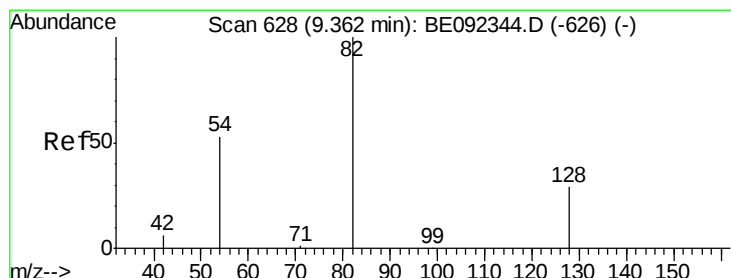
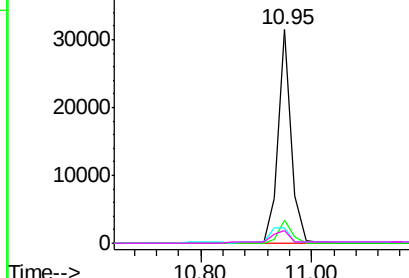
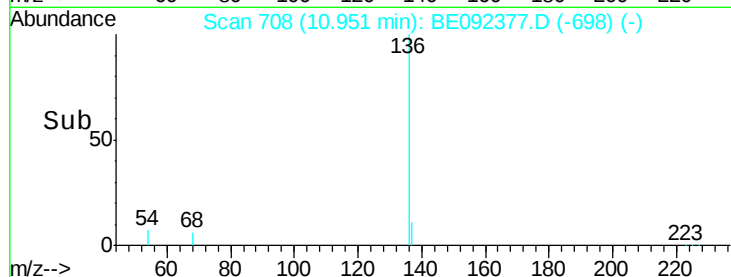


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.32 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

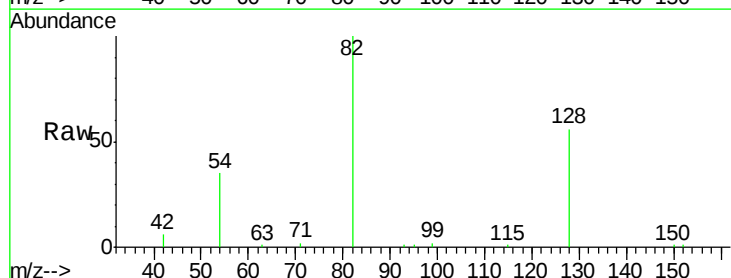
Tgt Ion: 82 Resp: 20011

Ion Ratio Lower Upper

82 100

128 55.7 39.0 58.4

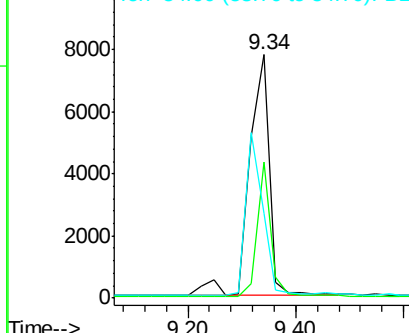
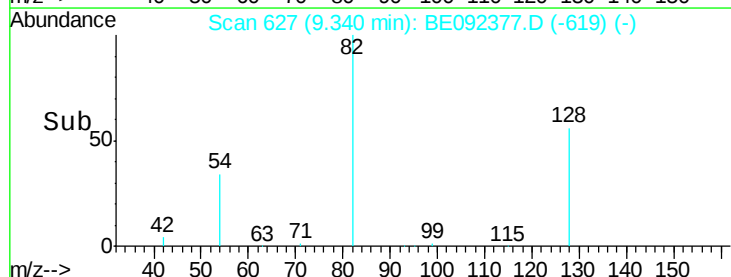
54 34.8 44.8 67.2#

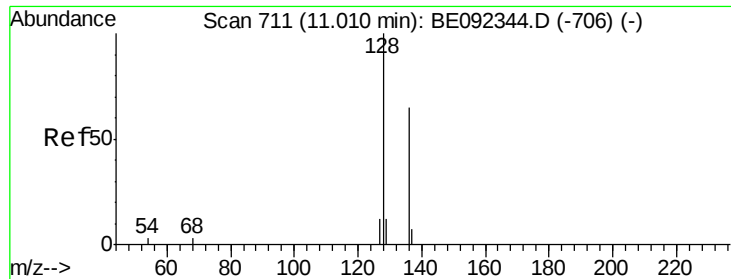


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.20 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

Instrument :

BNA_E

ClientSampleId :

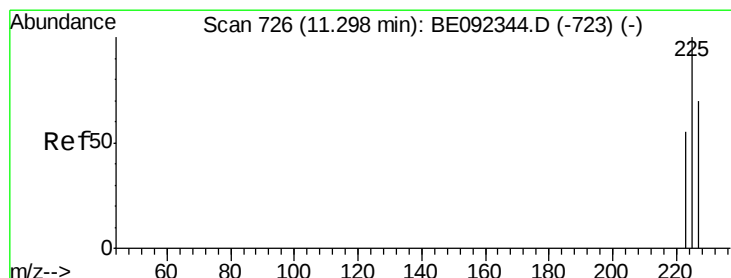
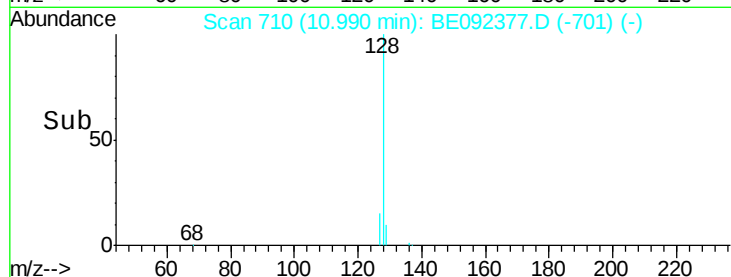
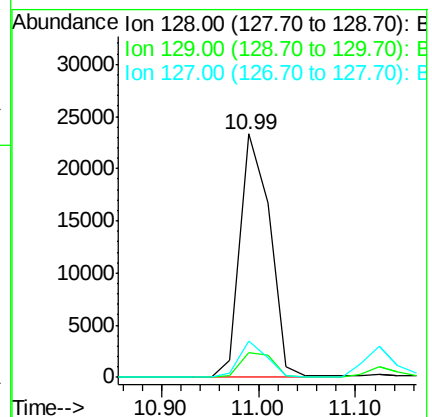
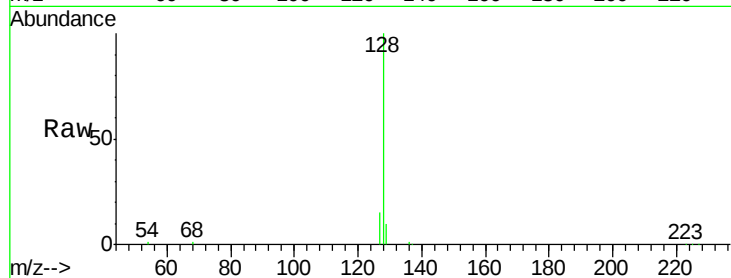
Tot Ion:128 Resp: 49195

Ion Ratio Lower Upper

128 100

129 10.3 11.2 16.8#

127 14.7 11.6 17.4



#10

Hexachlorobutadiene

Concen: 3.82 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

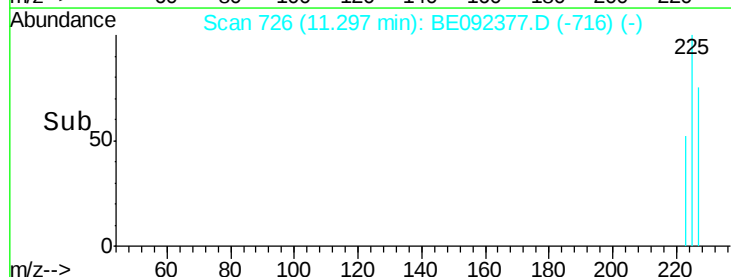
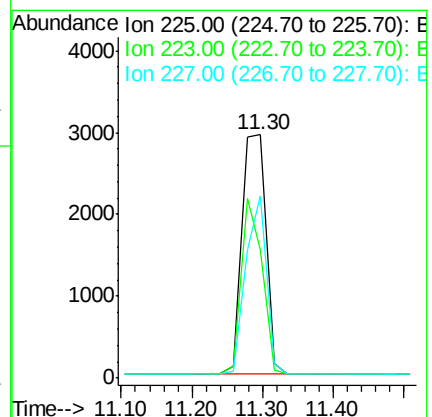
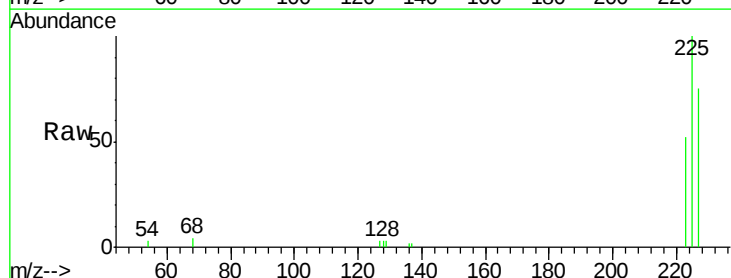
Tgt Ion:225 Resp: 6996

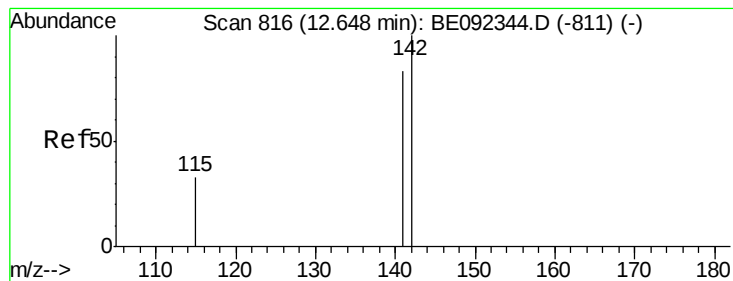
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 64.0 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.33 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

Instrument :

BNA_E

ClientSampleId :

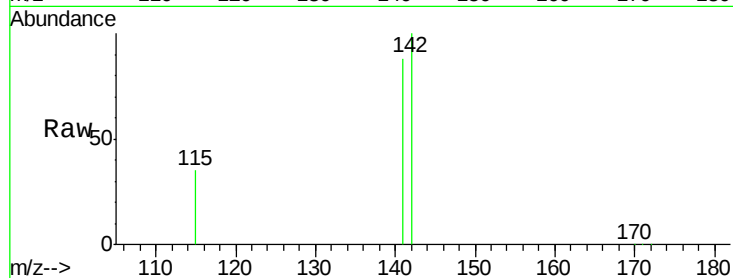
Tot Ion:142 Resp: 33236

Ion Ratio Lower Upper

142 100

141 87.9 73.7 110.5

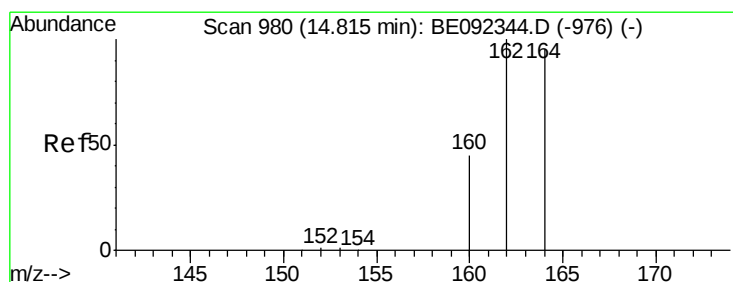
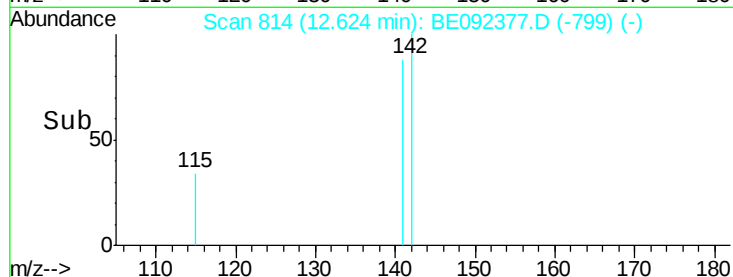
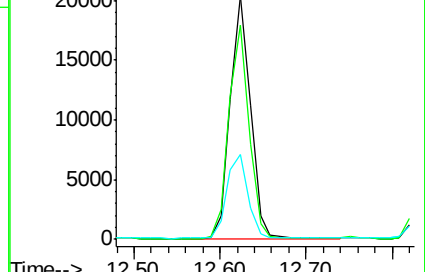
115 34.9 34.0 51.0



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: BE092377.D

Acq: 12 Sep 2016 18:23

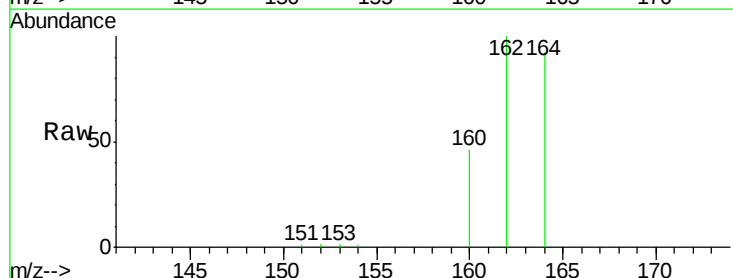
Tgt Ion:164 Resp: 28019

Ion Ratio Lower Upper

164 100

162 108.2 71.4 107.0#

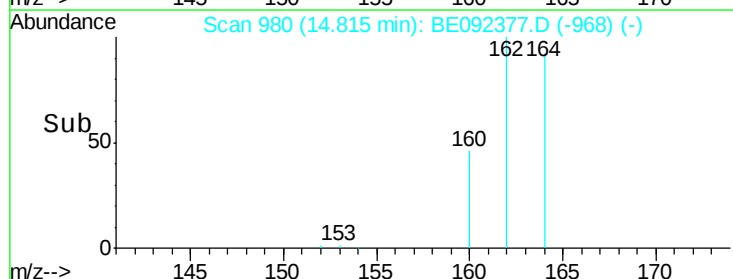
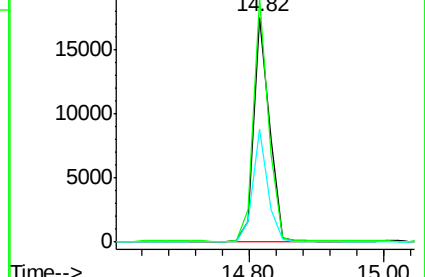
160 50.1 27.4 41.2#

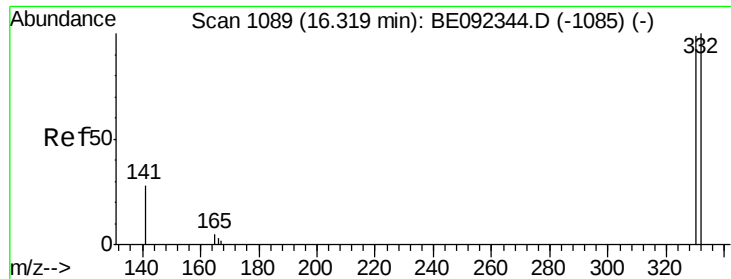


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

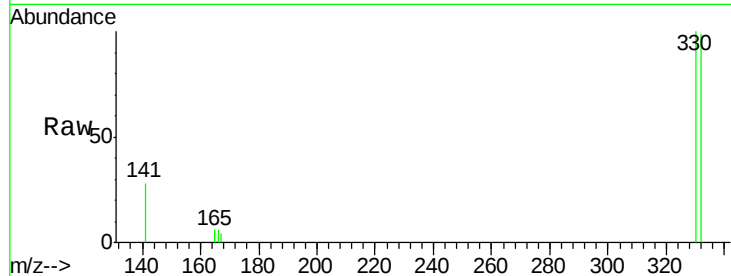




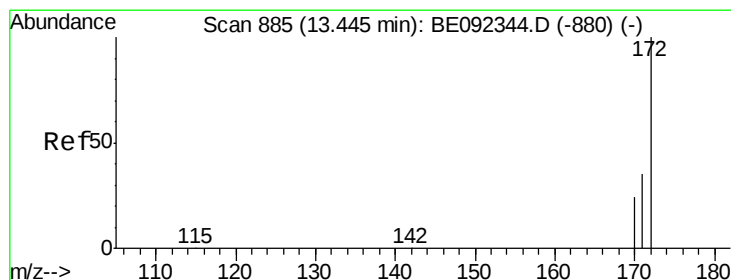
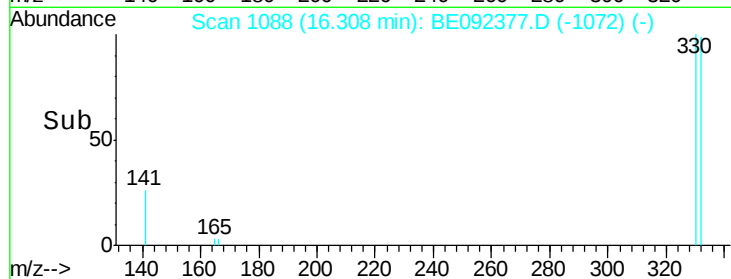
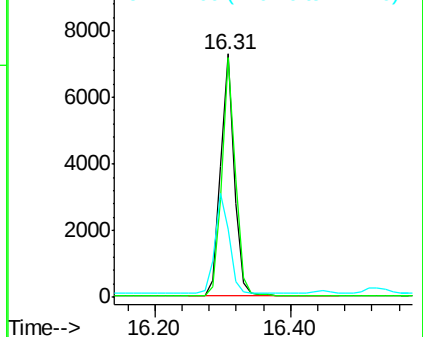
#13
 2,4,6-Tribromophenol
 Concen: 12.04 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092377.D
 Acq: 12 Sep 2016 18:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 10446
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.0
 141 42.5 31.0 46.6

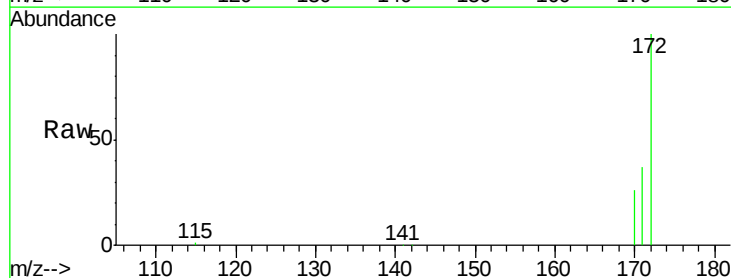


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

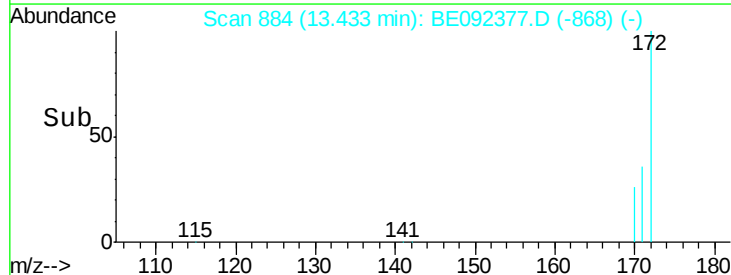
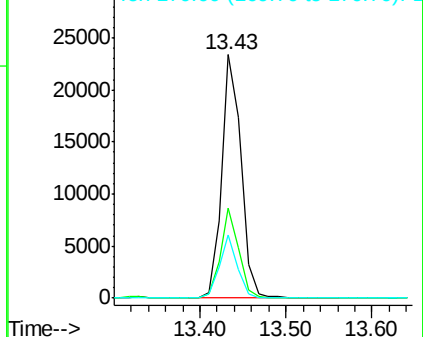


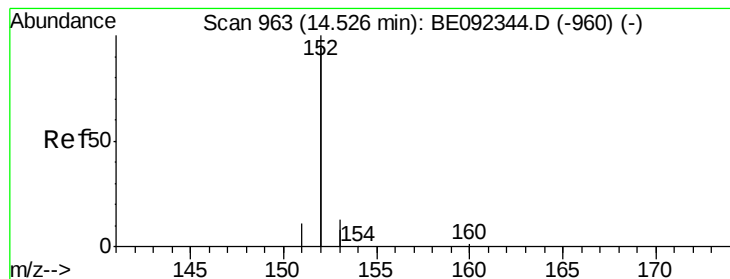
#14
 2-Fluorobiphenyl
 Concen: 4.23 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092377.D
 Acq: 12 Sep 2016 18:23

Tgt Ion:172 Resp: 36334
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 25.7 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: 4.85 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

Instrument :

BNA_E

ClientSampleId :

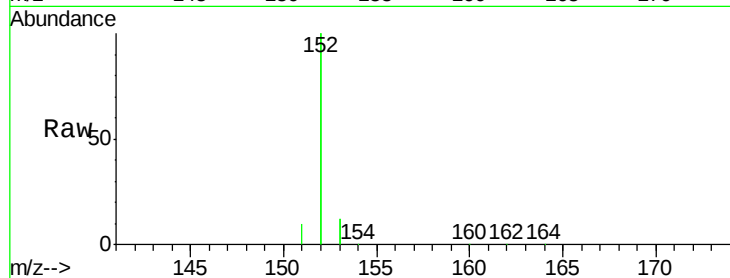
Tot Ion:152 Resp: 234091

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

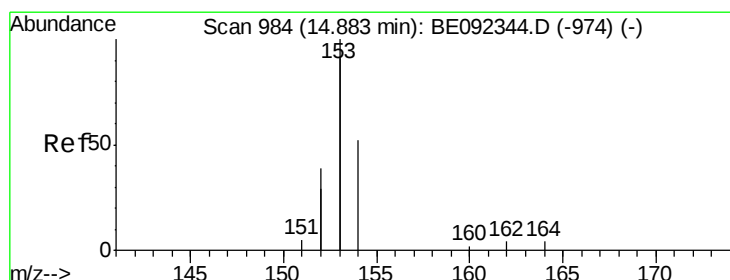
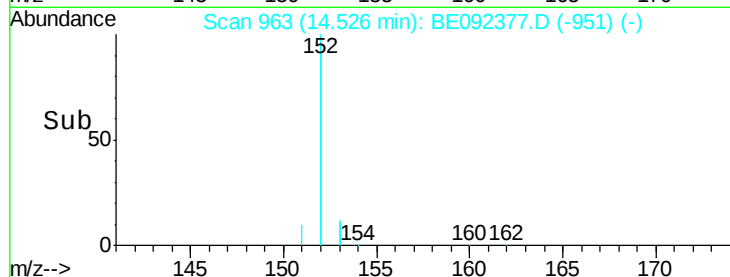
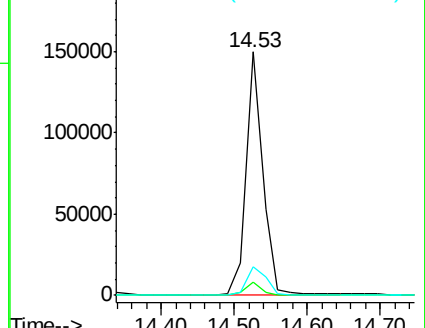
153 13.2 10.4 15.6



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: 3.99 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

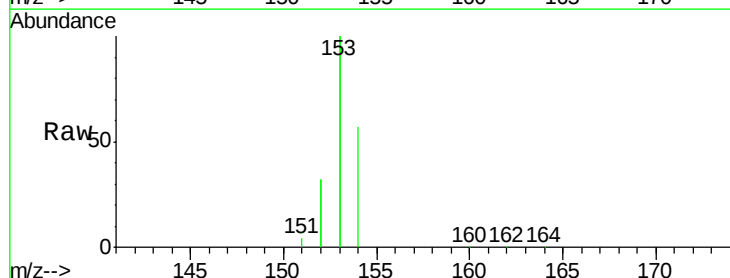
Tgt Ion:154 Resp: 31179

Ion Ratio Lower Upper

154 100

153 442.8 350.8 526.2

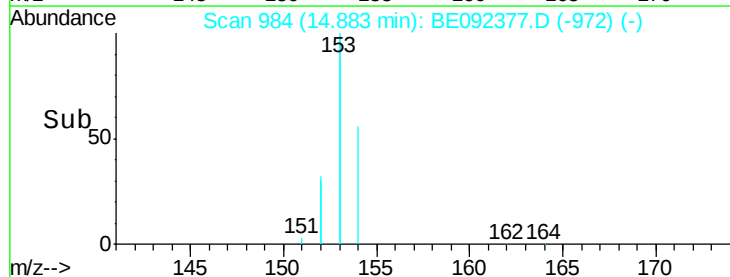
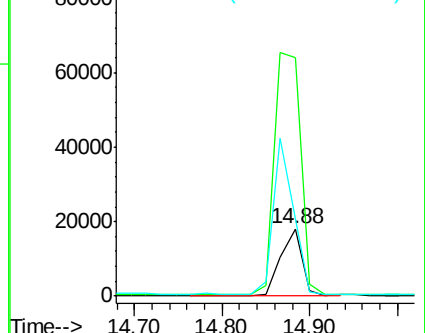
152 217.4 171.1 256.7

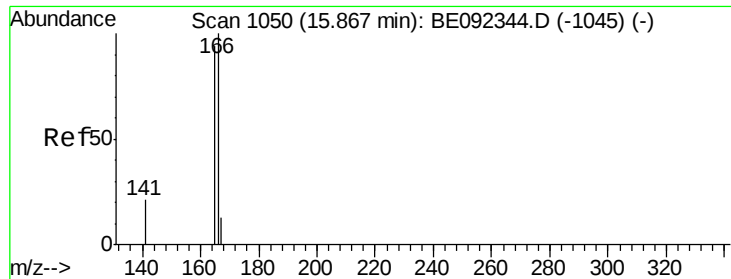


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

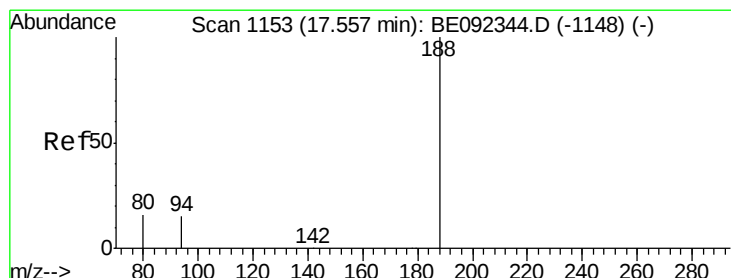
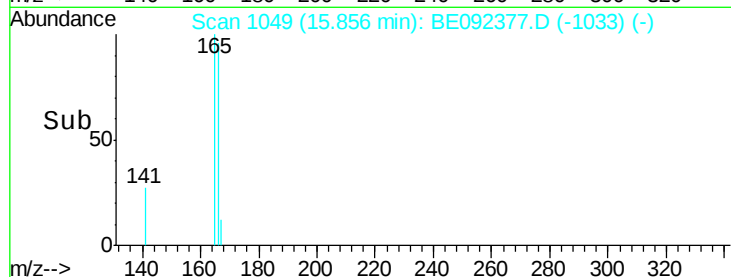
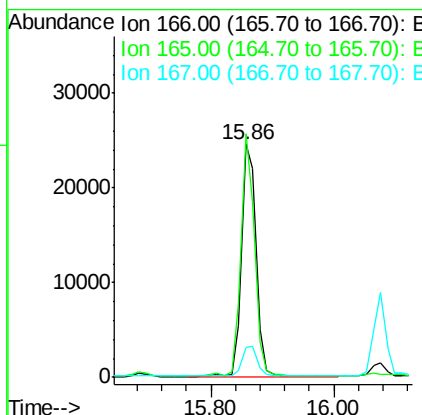
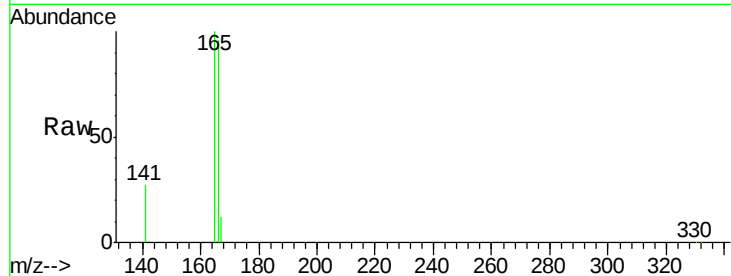




#17
Fluorene
 Concen: 4.18 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BE092377.D
 Acq: 12 Sep 2016 18:23

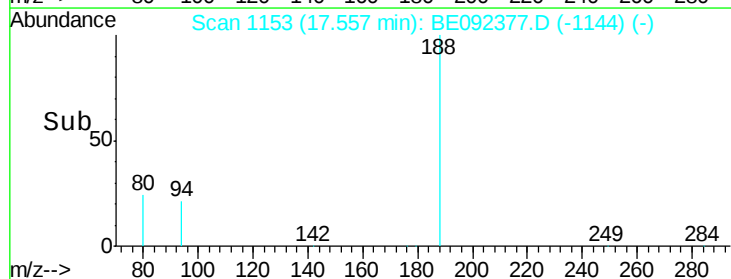
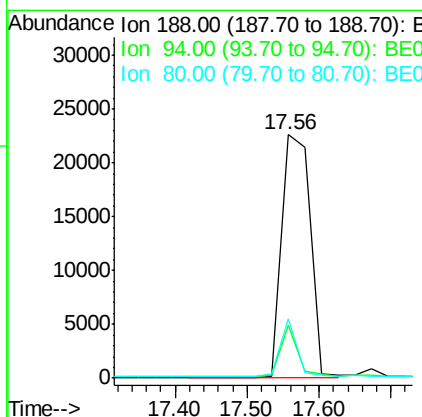
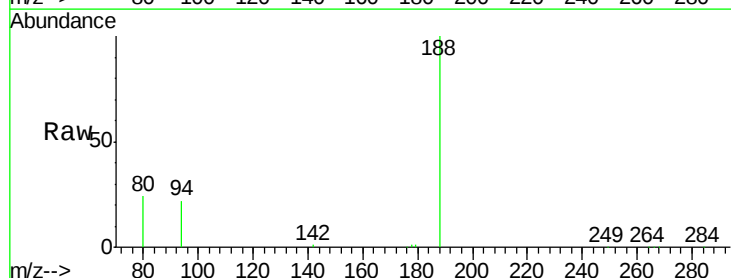
Instrument :
 BNA_E
 ClientSampleId :

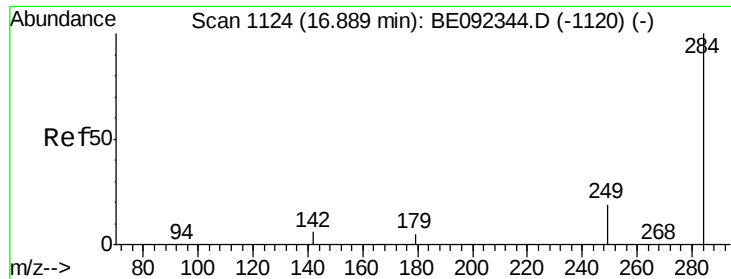
Tot Ion:166 Resp: 40949
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.2 117.4
 167 13.3 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE092377.D
 Acq: 12 Sep 2016 18:23

Tgt Ion:188 Resp: 61536
 Ion Ratio Lower Upper
 188 100
 94 21.7 3.2 4.8#
 80 24.2 2.6 3.8#

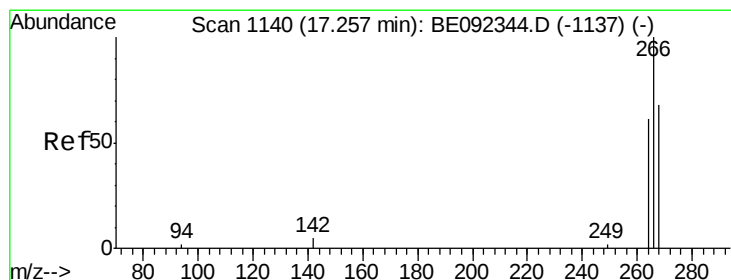
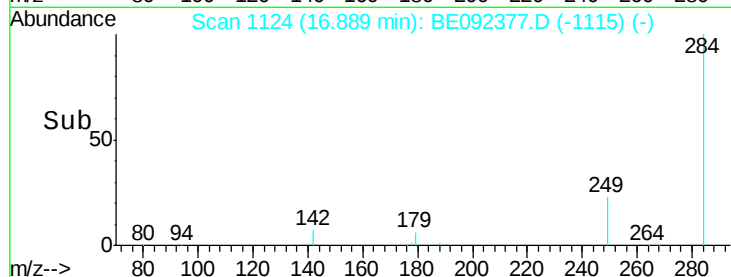
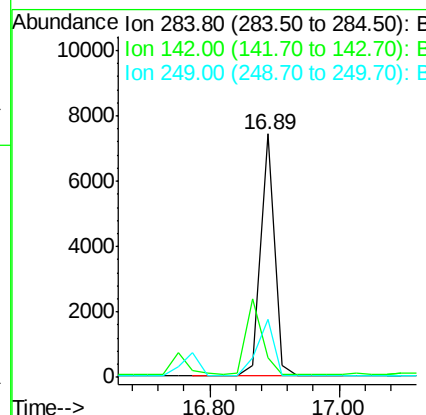
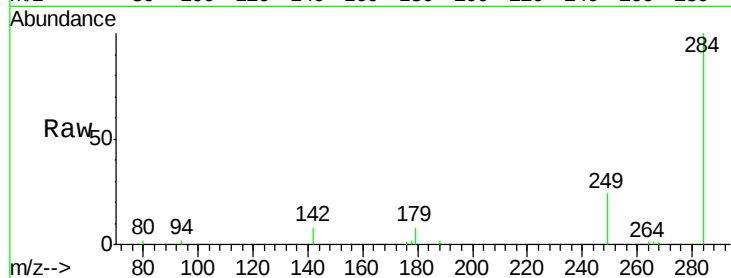




#19
Hexachlorobenzene
Concen: 3.78 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

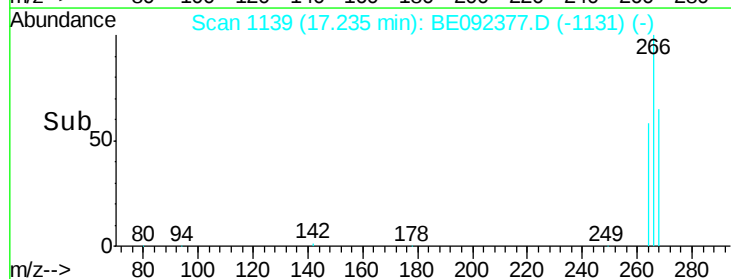
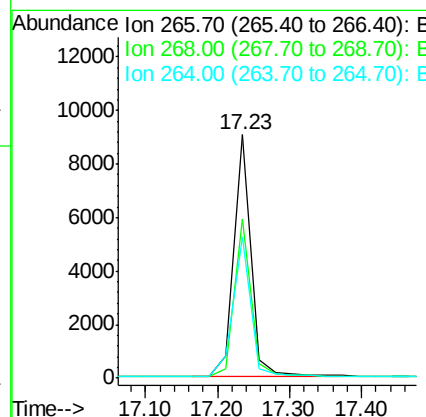
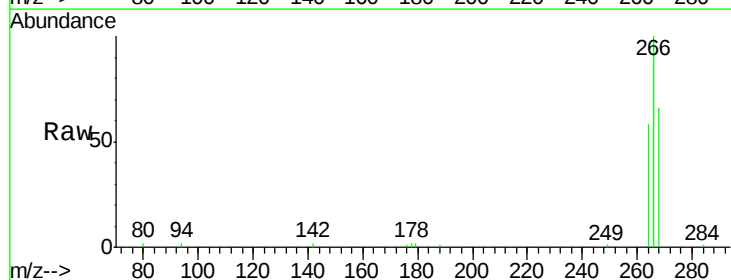
Instrument :
BNA_E
ClientSampleId :

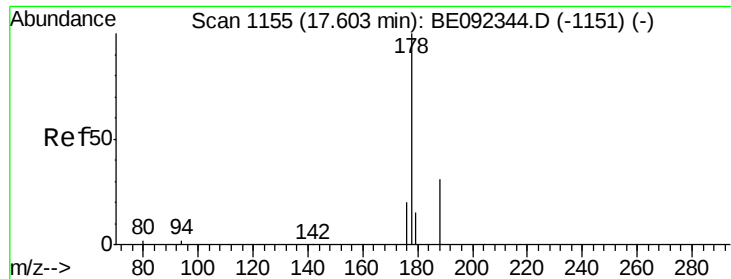
Tot Ion:284 Resp: 11143
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 28.3 27.9 41.9



#20
Pentachlorophenol
Concen: 8.40 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Tgt Ion:266 Resp: 14959
Ion Ratio Lower Upper
266 100
268 65.6 62.5 93.7
264 58.2 57.2 85.8

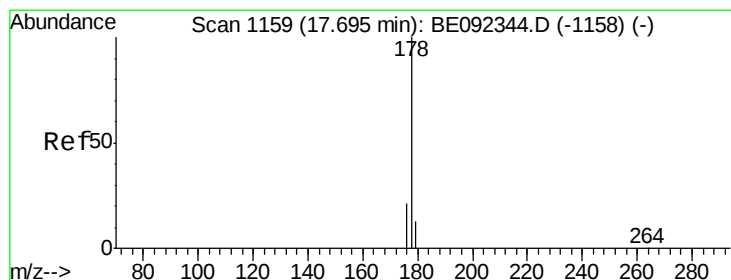
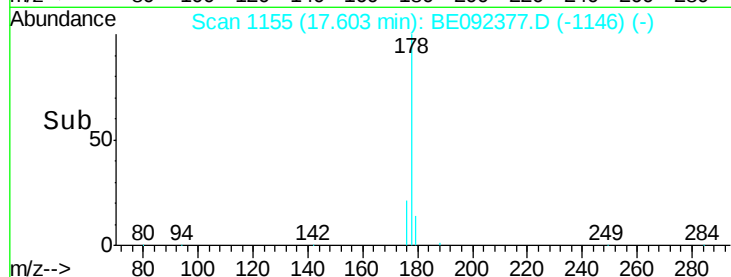
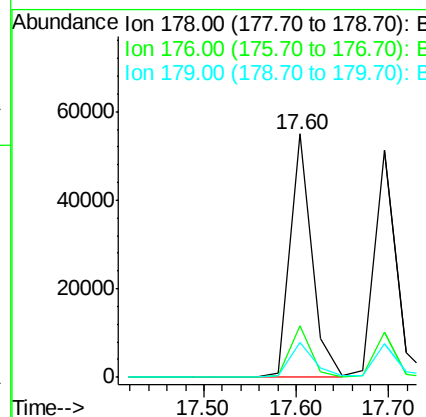
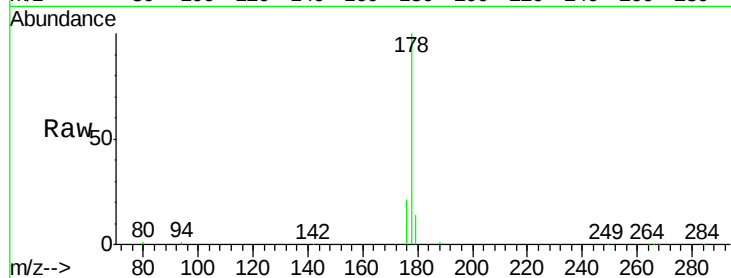




#21
Phenanthrene
Concen: 5.16 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

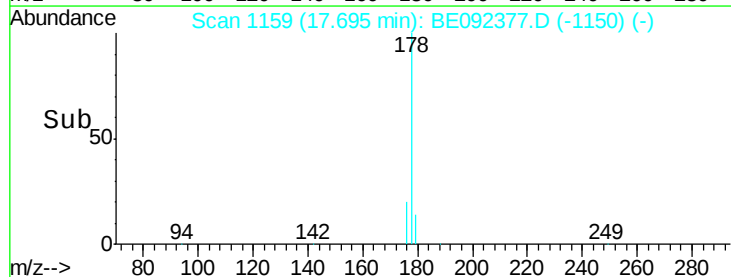
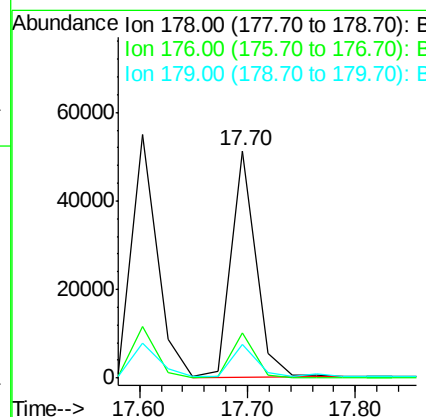
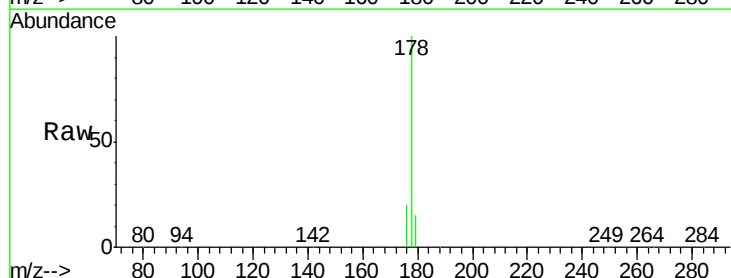
Instrument :
BNA_E
ClientSampleId :

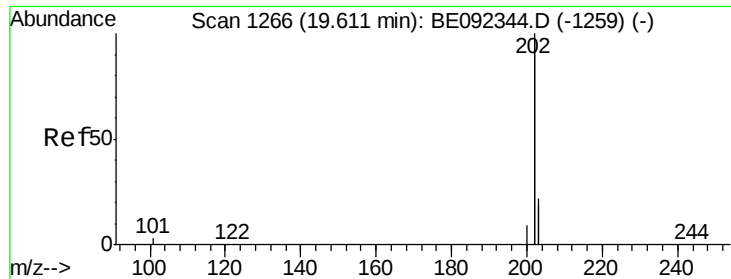
Tot Ion:178 Resp: 89254
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 15.2 16.0 24.0#



#22
Anthracene
Concen: 5.25 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Tgt Ion:178 Resp: 80801
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.0 12.2 18.2

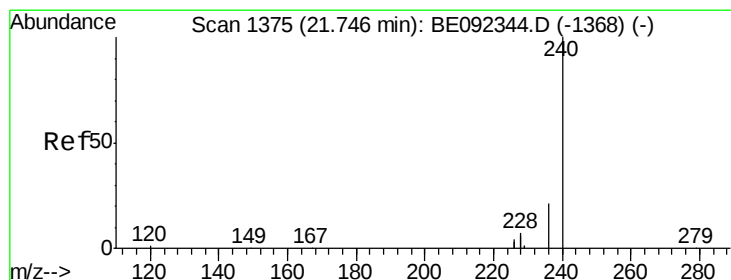
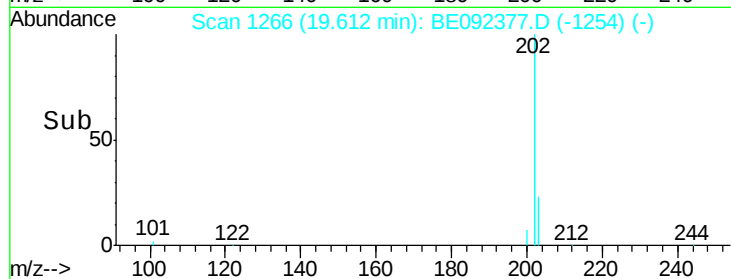
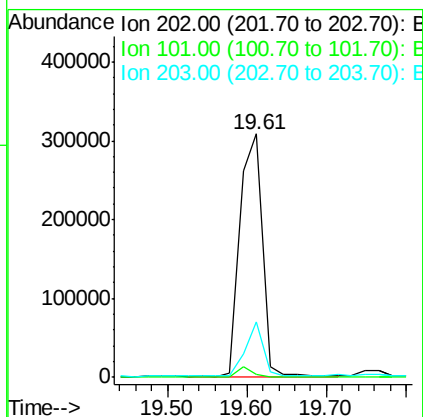
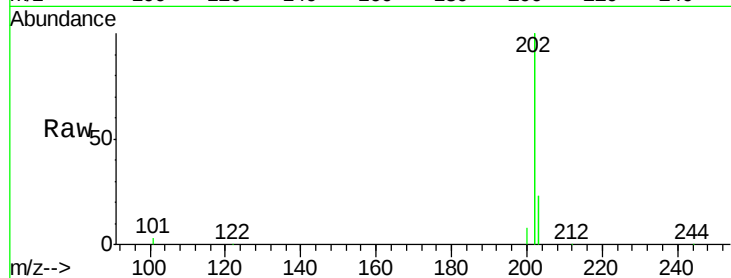




#23
 Fluoranthene
 Concen: 8.06 ng
 RT: 19.61 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BE092377.D
 Acq: 12 Sep 2016 18:23

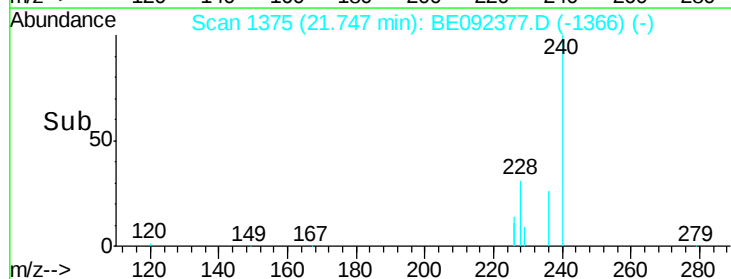
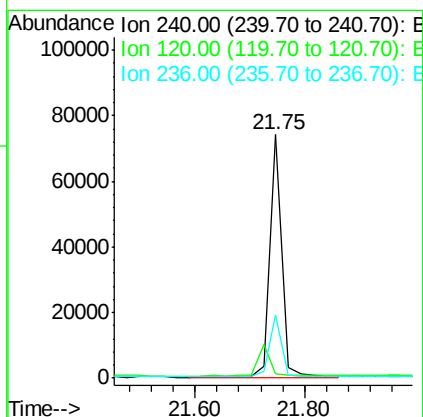
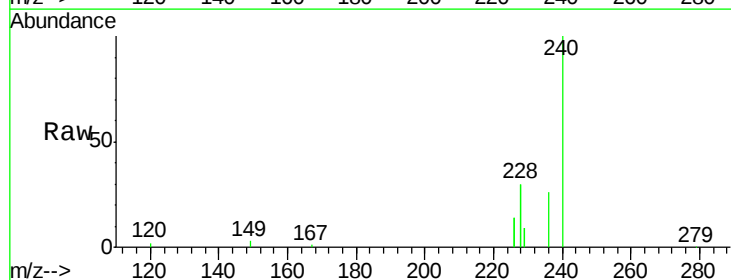
Instrument :
 BNA_E
 ClientSampleId :

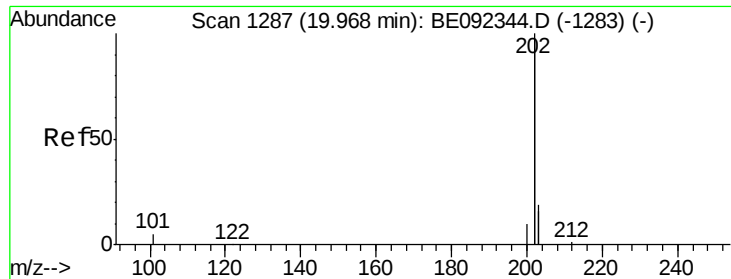
Tot Ion:202 Resp: 608578
 Ion Ratio Lower Upper
 202 100
 101 3.0 2.2 3.4
 203 17.4 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BE092377.D
 Acq: 12 Sep 2016 18:23

Tgt Ion:240 Resp: 112082
 Ion Ratio Lower Upper
 240 100
 120 1.9 2.6 4.0#
 236 26.2 24.6 37.0

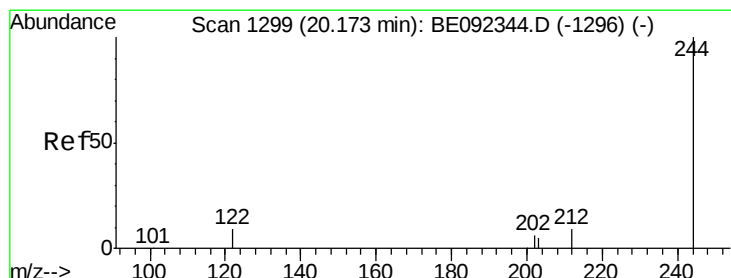
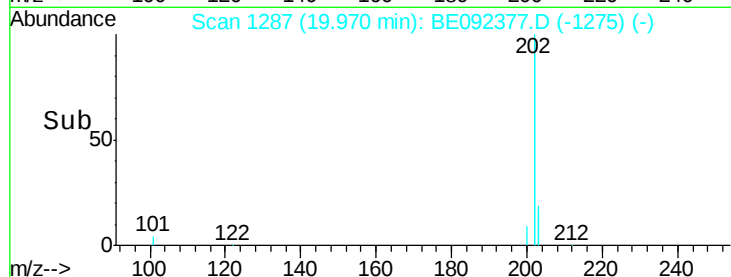
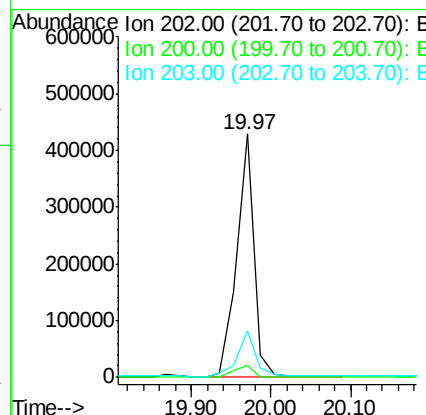
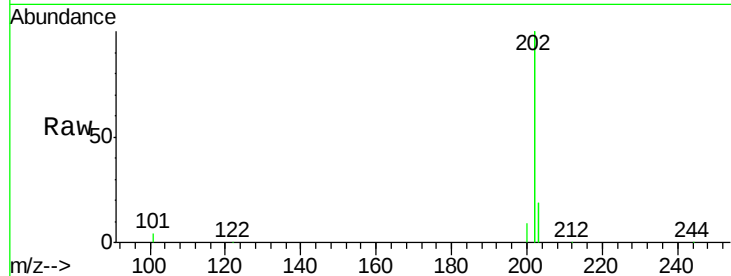




#25
Pvrene
Concen: 5.90 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

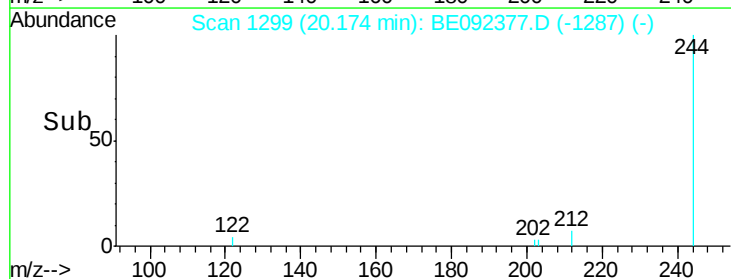
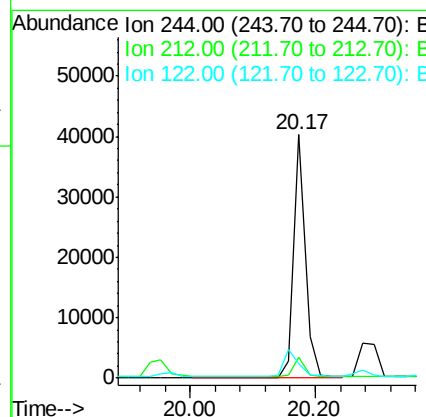
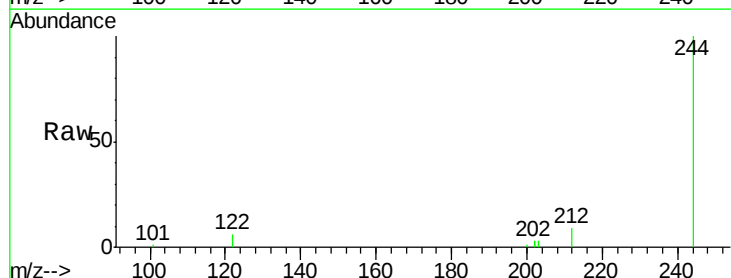
Instrument :
BNA_E
ClientSampleId :

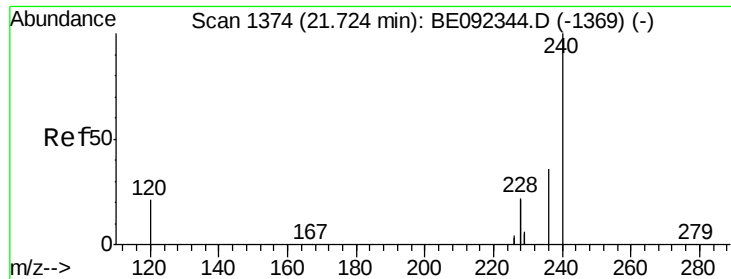
Tot Ion:202 Resp: 643525
Ion Ratio Lower Upper
202 100
200 5.4 4.2 6.4
203 19.8 13.9 20.9



#26
Terphenyl-d14
Concen: 3.11 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Tgt Ion:244 Resp: 51556
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 5.8 3.6 5.4#

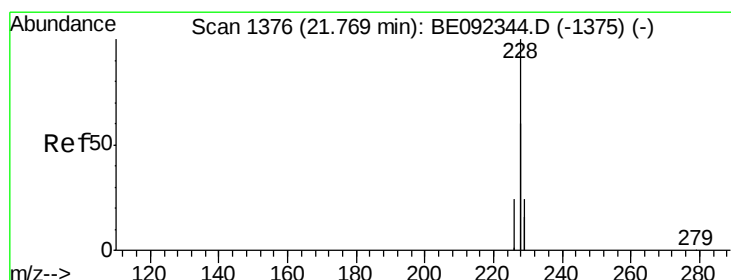
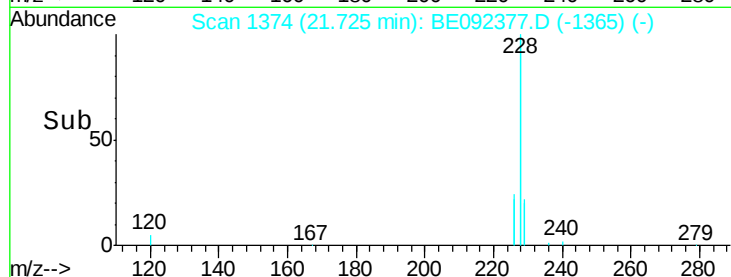
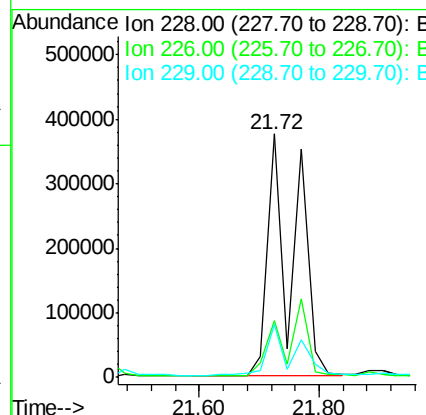
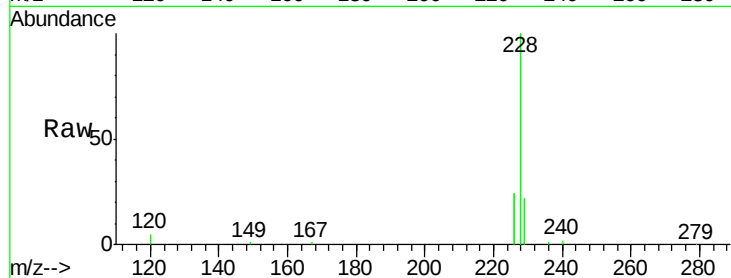




#27
Benzo(a)anthracene
Concen: 9.56 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

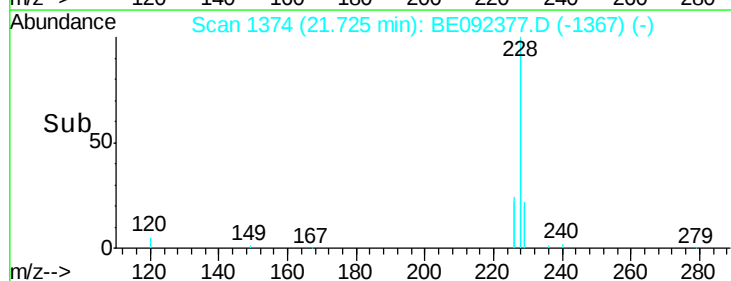
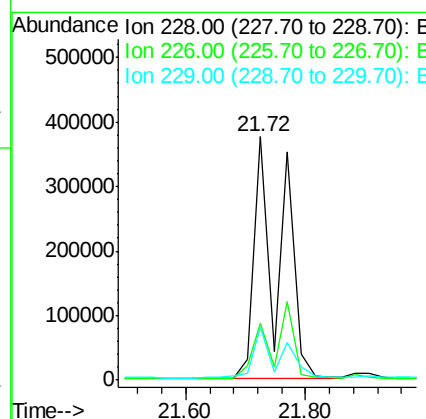
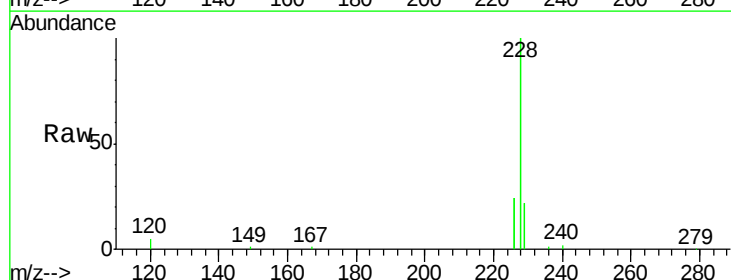
Instrument :
BNA_E
ClientSampleId :

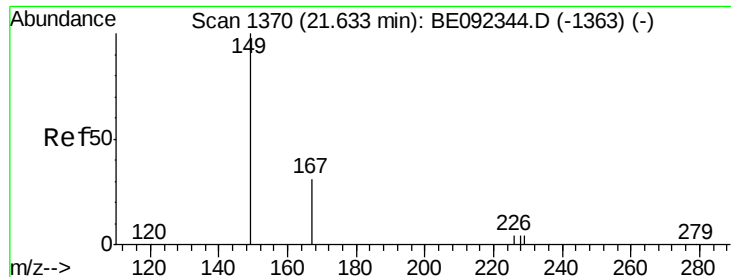
Tot Ion:228 Resp: 1156901
Ion Ratio Lower Upper
228 100
226 23.6 23.6 35.4#
229 22.0 13.3 19.9#



#28
Chrysene
Concen: 10.47 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Tgt Ion:228 Resp: 1155910
Ion Ratio Lower Upper
228 100
226 23.6 36.3 54.5#
229 22.0 10.6 16.0#

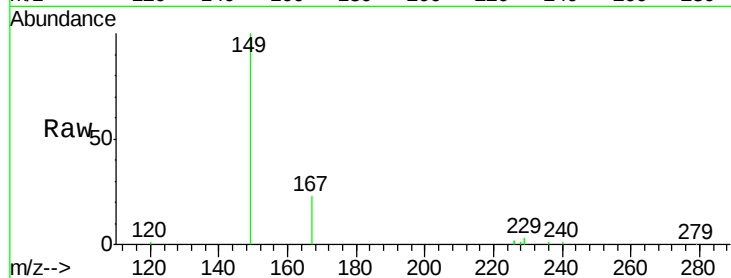




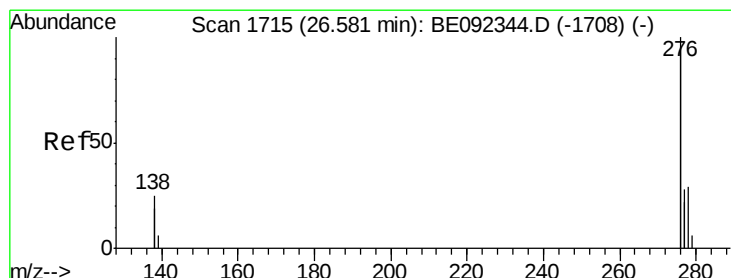
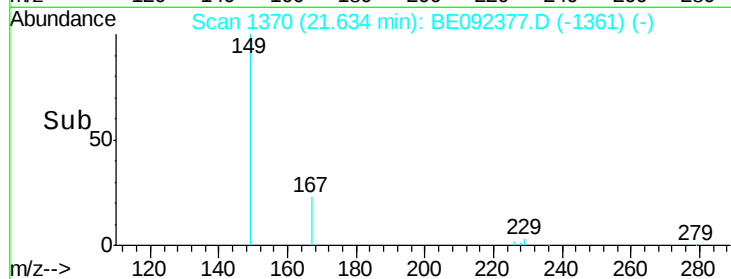
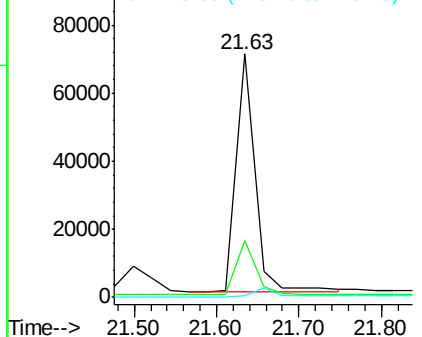
#29
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092377.D
 Acq: 12 Sep 2016 18:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 107831
 Ion Ratio Lower Upper
 149 100
 167 24.6 16.0 24.0#
 279 0.0 16.0 24.0#

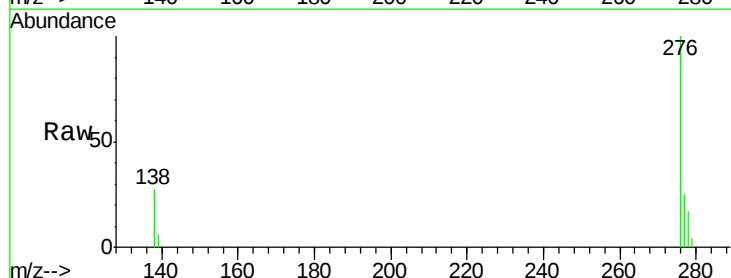


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

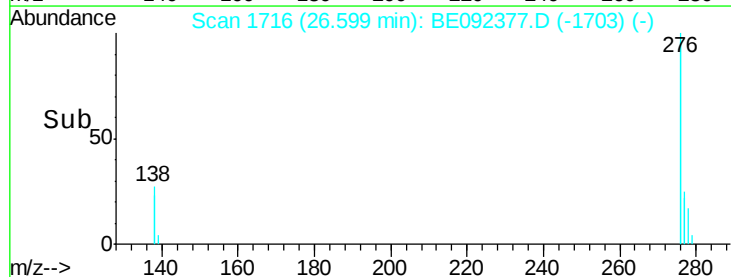
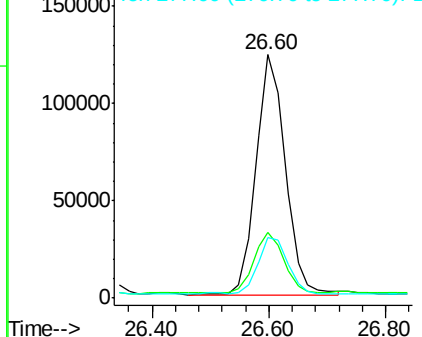


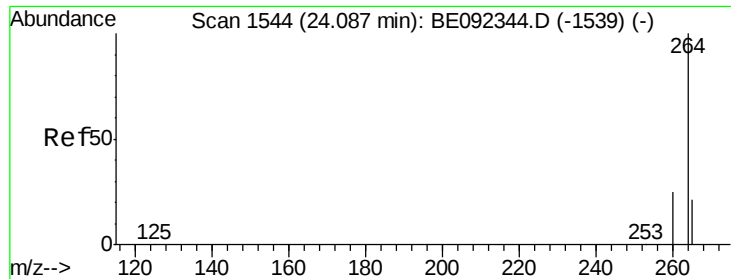
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 3.39 ng
 RT: 26.60 min Scan# 1716
 Delta R.T. 0.02 min
 Lab File: BE092377.D
 Acq: 12 Sep 2016 18:23

Tgt Ion:276 Resp: 432410
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.3 30.5
 277 24.3 19.7 29.5



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



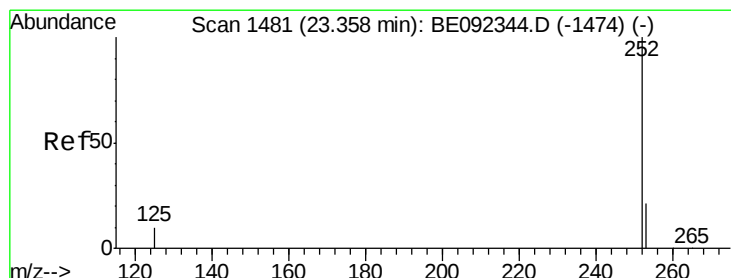
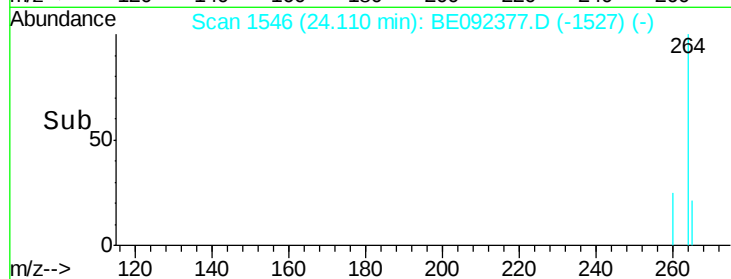
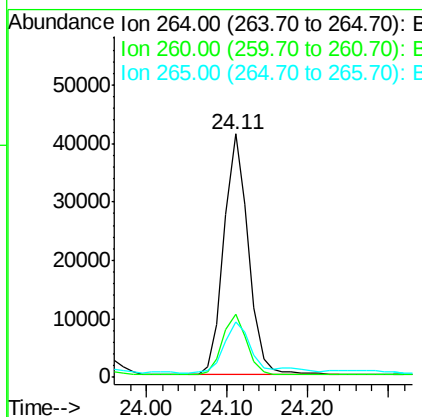
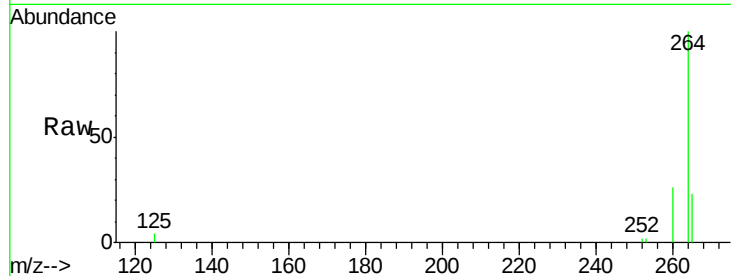


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 86597

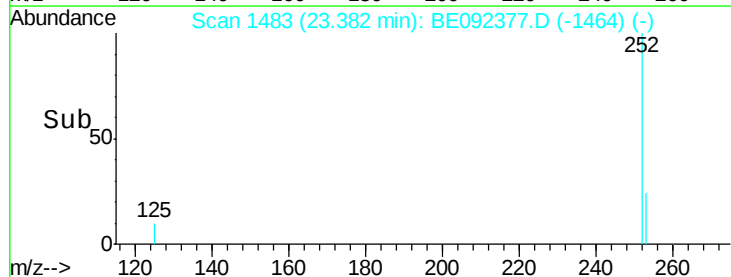
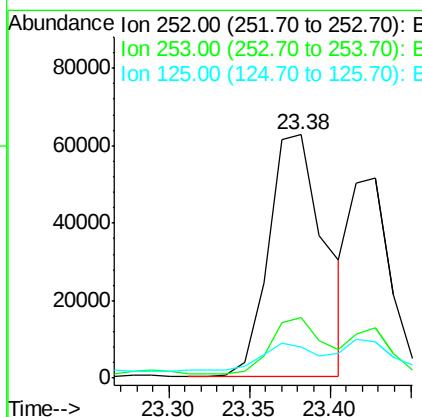
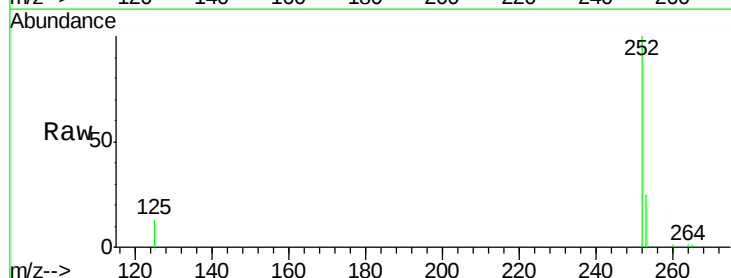
Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	22.8	17.9	26.9

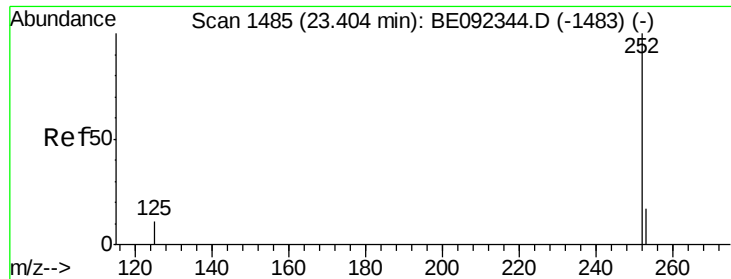


#32
Benzo(b)fluoranthene
Concen: 6.79 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092377.D
Acq: 12 Sep 2016 18:23

Tgt Ion:252 Resp: 150870

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.7	28.1
125	12.8	10.5	15.7





#33

Benzo(k)fluoranthene

Concen: 6.42 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

Instrument :

BNA_E

ClientSampleId :

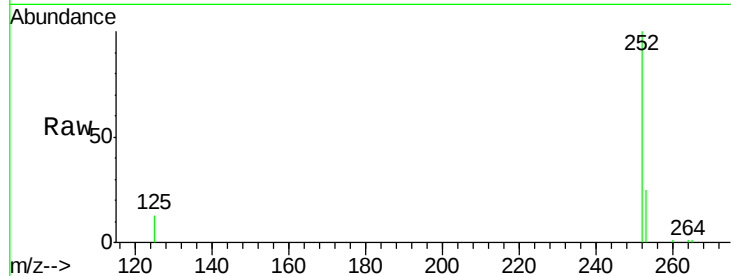
Tot Ion:252 Resp: 150870

Ion Ratio Lower Upper

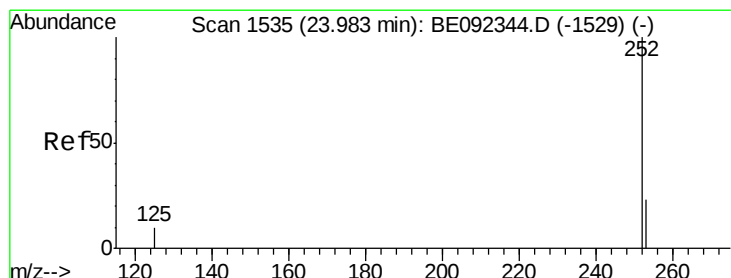
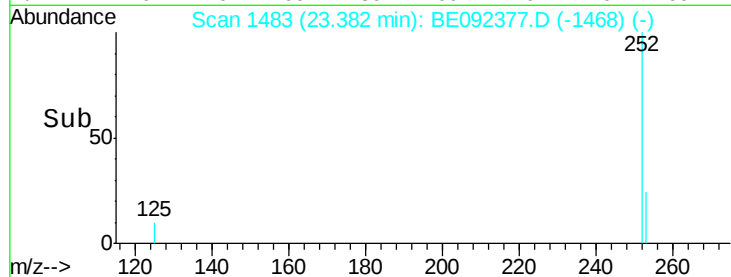
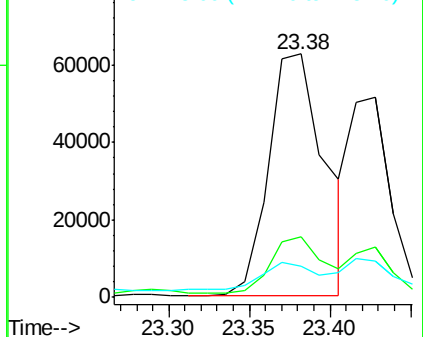
252 100

253 24.9 20.3 30.5

125 12.8 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: 5.35 ng

RT: 23.99 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

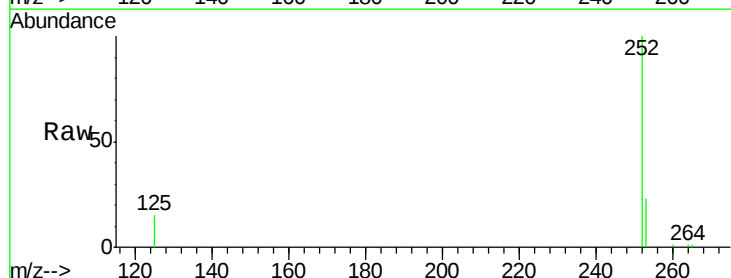
Tgt Ion:252 Resp: 117154

Ion Ratio Lower Upper

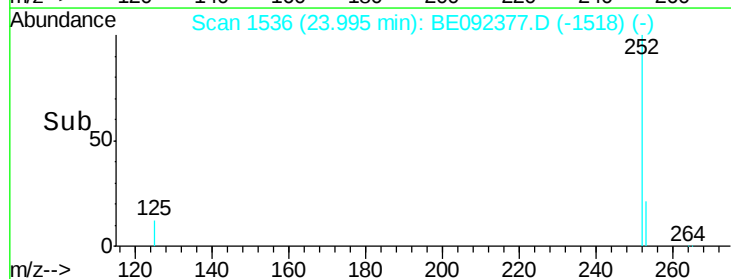
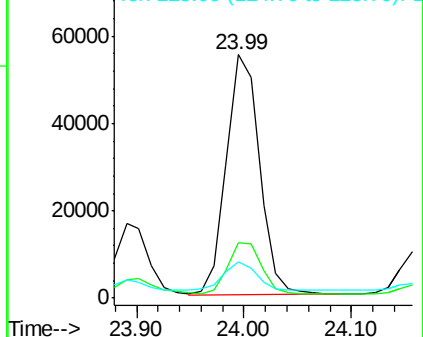
252 100

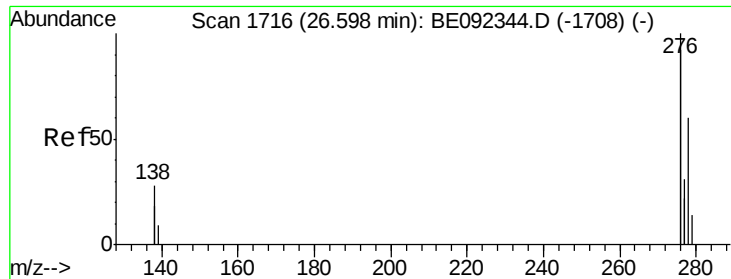
253 22.7 19.0 28.6

125 14.9 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: 3.54 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.04 min

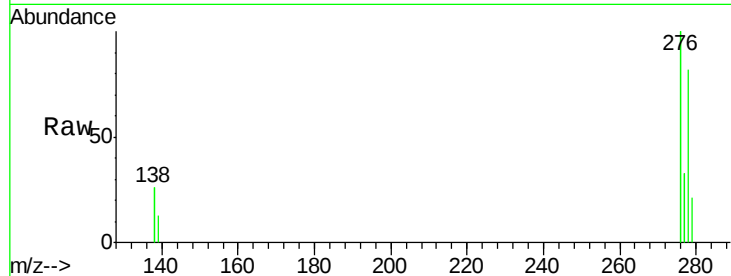
Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

Instrument :

BNA_E

ClientSampleId :



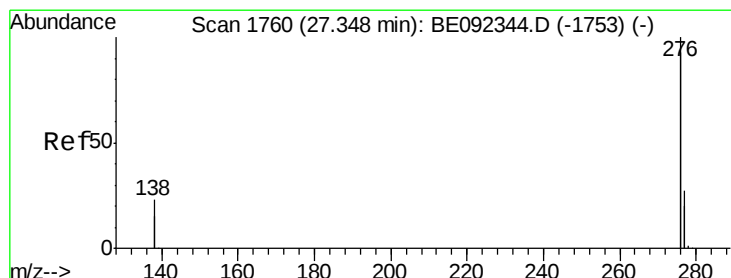
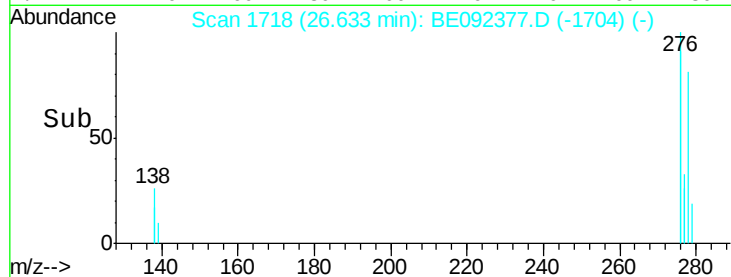
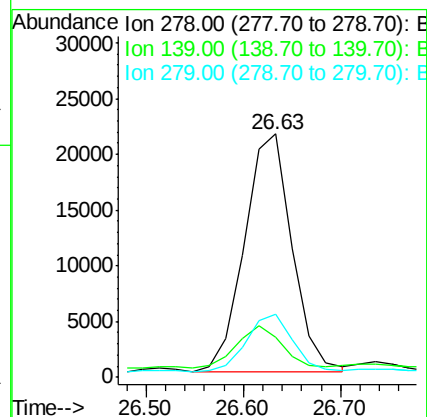
Tot Ion:278 Resp: 71762

Ion Ratio Lower Upper

278 100

139 16.4 13.8 20.8

279 25.7 21.4 32.2



#36

Benzo(g,h,i)perylene

Concen: 4.49 ng

RT: 27.38 min Scan# 1762

Delta R.T. 0.04 min

Lab File: BE092377.D

Acq: 12 Sep 2016 18:23

Tgt Ion:276 Resp: 383793

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 23.7 19.8 29.6

