

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
 Data File : BE092474.D
 Acq On : 25 Oct 2016 11:02
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 25 12:55:19 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 12:49:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10325	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	50425	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	35814	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	67690	5.00	ng	-0.02
24) Chrysene-d12	21.75	240	82991	5.00	ng	0.00
31) Perylene-d12	24.11	264	70163	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	1261	0.61	ng	0.00
5) Phenol-d6	7.34	99	1835	0.64	ng	-0.02
8) Nitrobenzene-d5	9.34	82	2222	0.74	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	574	0.56	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	7016	0.83	ng	-0.01
26) Terphenyl-d14	20.19	244	8082	0.79	ng	0.00

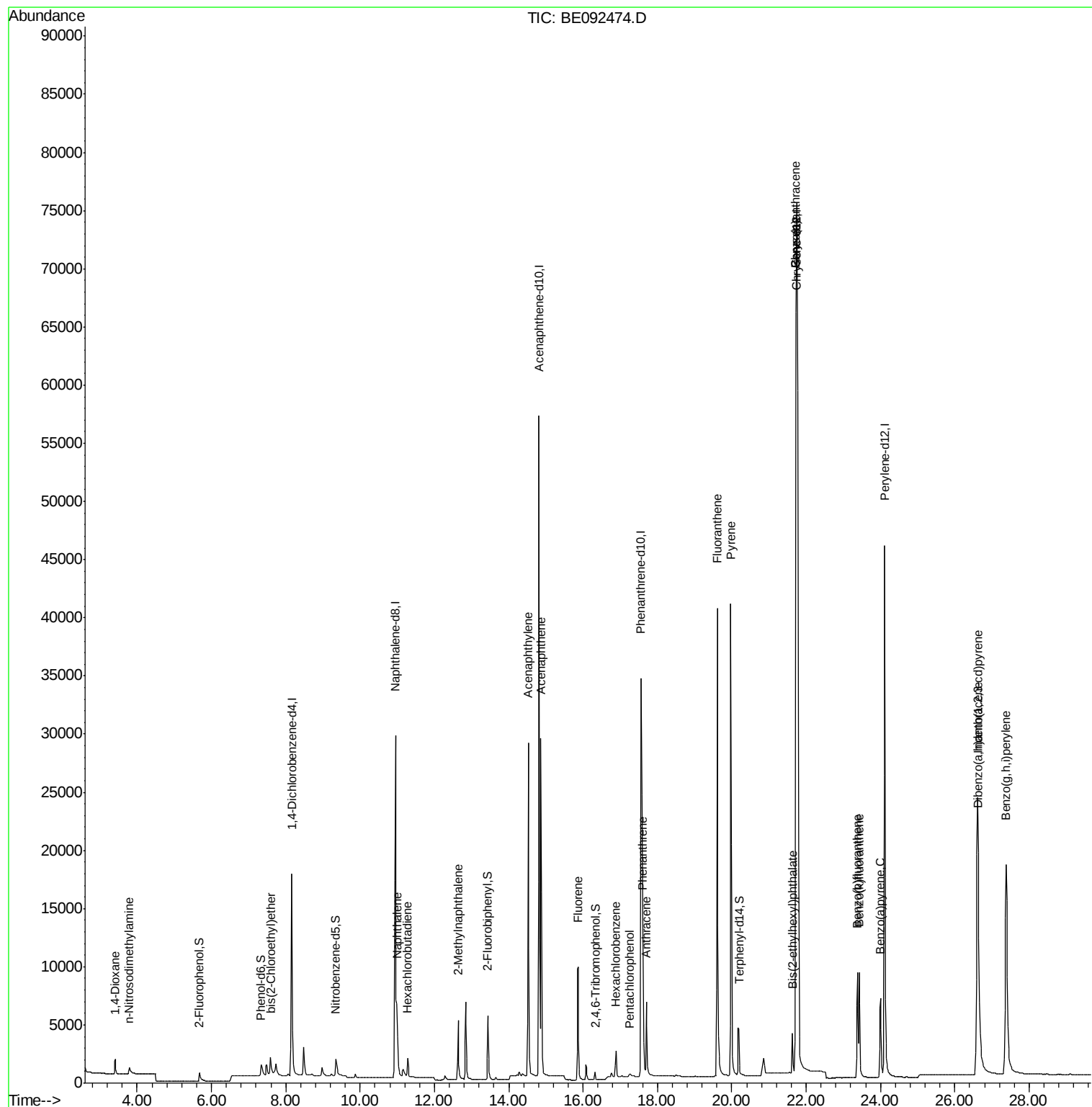
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	953	0.73	ng	94
3) n-Nitrosodimethylamine	3.78	42	1010	0.83	ng	91
6) bis(2-Chloroethyl)ether	7.59	93	1741	0.69	ng	# 95
9) Naphthalene	10.99	128	8689	0.80	ng	97
10) Hexachlorobutadiene	11.28	225	1317	0.77	ng	99
11) 2-Methylnaphthalene	12.63	142	5629	0.78	ng	# 89
15) Acenaphthylene	14.53	152	40500	0.78	ng	100
16) Acenaphthene	14.87	154	6363	0.78	ng	95
17) Fluorene	15.87	166	7809	0.76	ng	99
19) Hexachlorobenzene	16.89	284	2488	0.86	ng	# 64
20) Pentachlorophenol	17.26	266	359	0.53	ng	98
21) Phenanthrene	17.60	178	14062	0.90	ng	# 95
22) Anthracene	17.70	178	11605	0.78	ng	99
23) Fluoranthene	19.61	202	55338	0.75	ng	100
25) Pyrene	19.97	202	58608	0.81	ng	99
27) Benzo(a)anthracene	21.72	228	128793	1.59	ng	# 90
28) Chrysene	21.72	228	129859	1.75	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.63	149	4384	0.63	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.62	276	56897	0.72	ng	98
32) Benzo(b)fluoranthene	23.38	252	13392	0.79	ng	97
33) Benzo(k)fluoranthene	23.43	252	13795	0.78	ng	95
34) Benzo(a)pyrene	24.01	252	12319	0.74	ng	# 97
35) Dibenzo(a,h)anthracene	26.63	278	11444	0.75	ng	95
36) Benzo(g,h,i)perylene	27.38	276	49528	0.76	ng	100

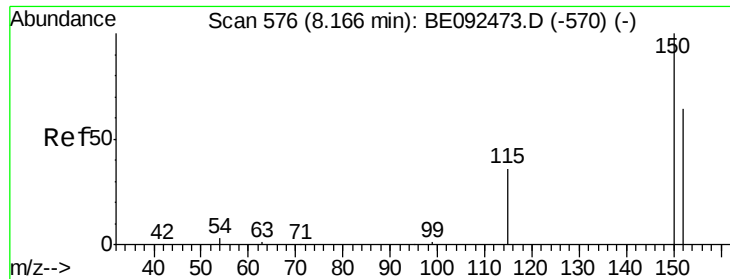
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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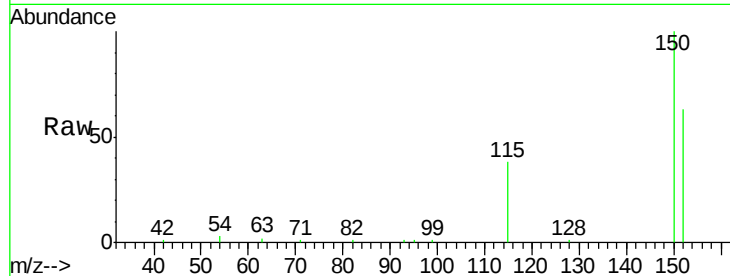


#1

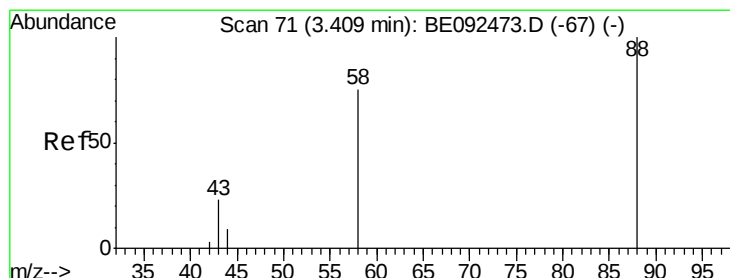
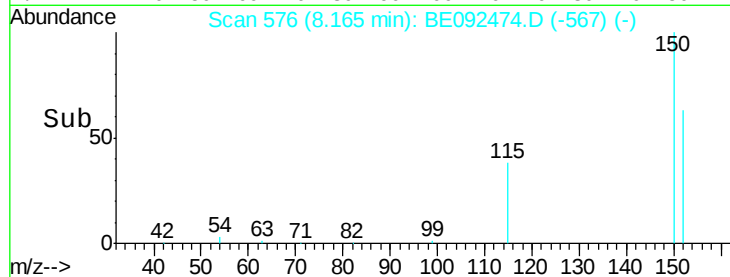
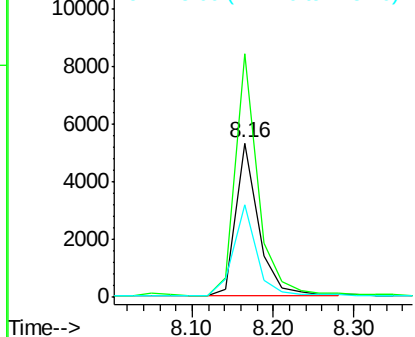
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 10325
Ion Ratio Lower Upper
152 100
150 157.9 106.0 159.0
115 60.4 31.2 46.8#



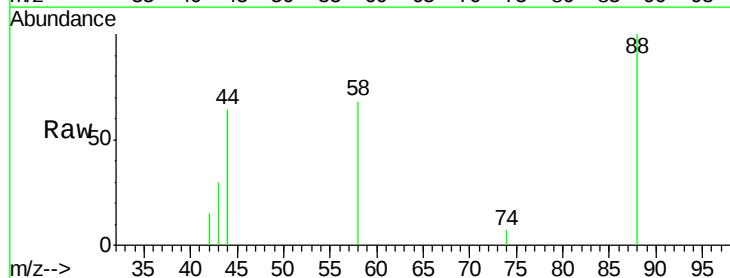
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



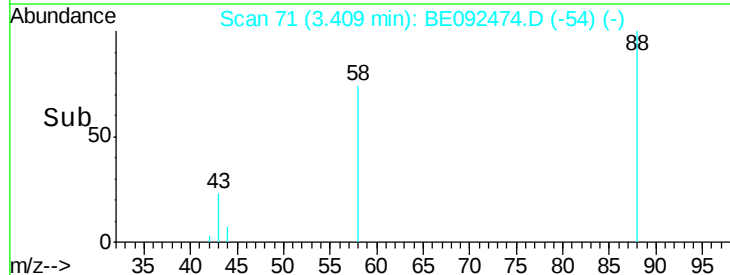
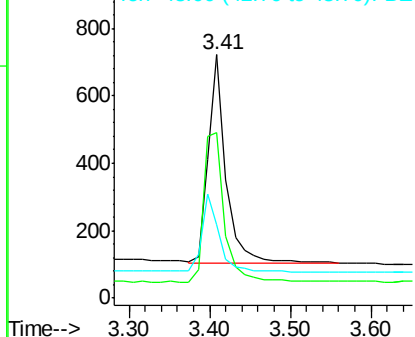
#2

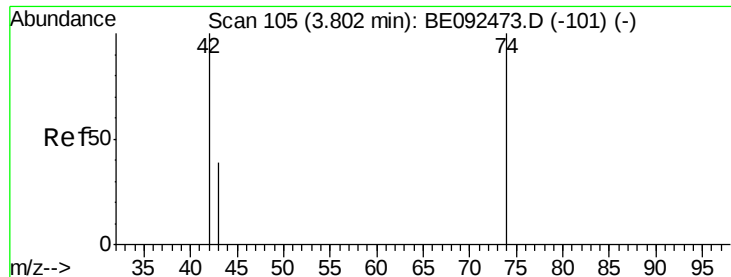
1,4-Dioxane
Concen: 0.73 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Tgt Ion: 88 Resp: 953
Ion Ratio Lower Upper
88 100
58 85.7 63.6 95.4
43 36.7 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



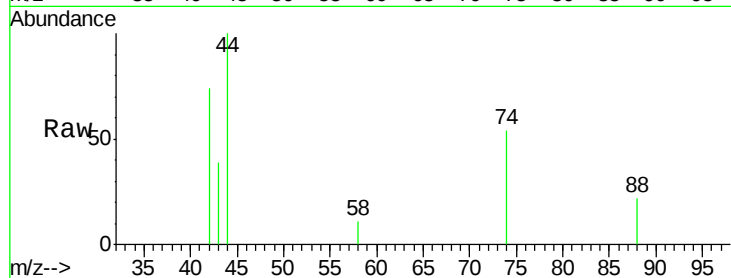


#3

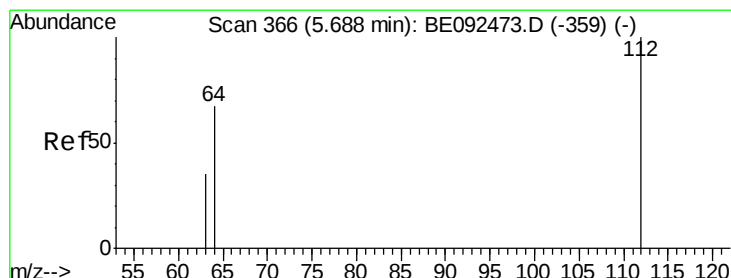
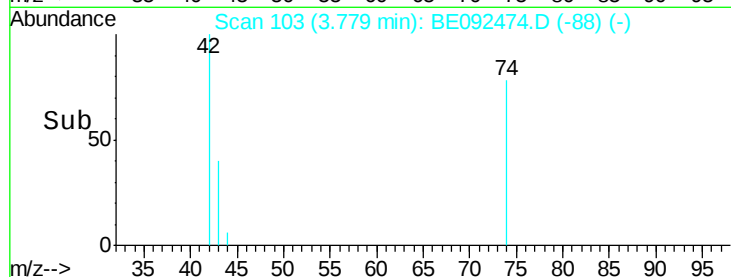
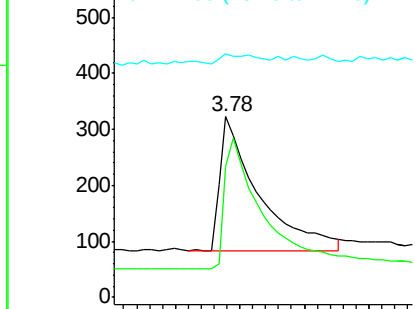
n-Nitrosodimethylamine
Concen: 0.83 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.02 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 1010
Ion Ratio Lower Upper
42 100
74 97.2 86.0 129.0
44 7.2 5.1 7.7



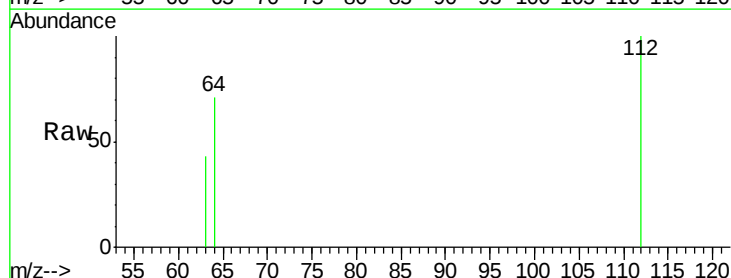
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



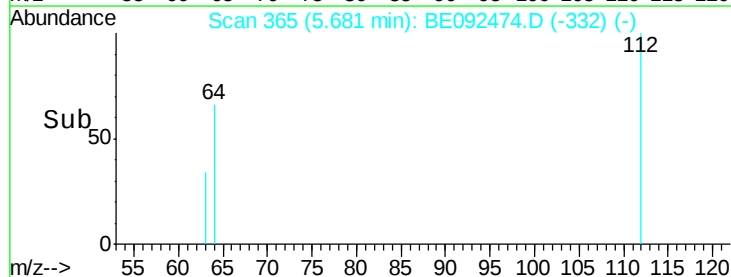
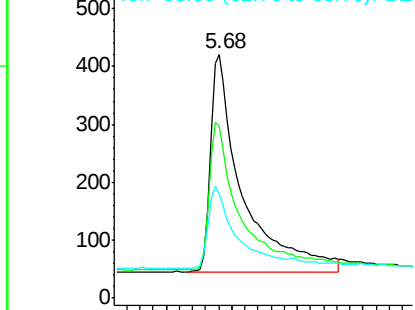
#4

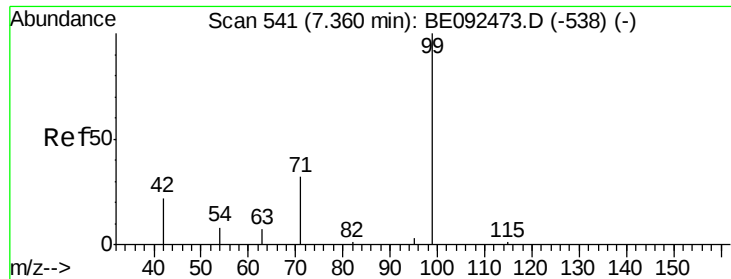
2-Fluorophenol
Concen: 0.61 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.01 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Tgt Ion: 112 Resp: 1261
Ion Ratio Lower Upper
112 100
64 67.5 53.5 80.3
63 36.4 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: 0.64 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampleId :

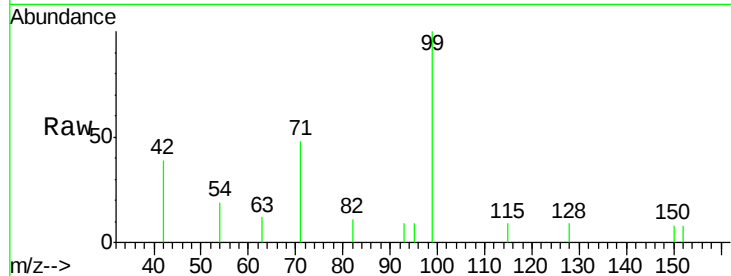
Tot Ion: 99 Resp: 1835

Ion Ratio Lower Upper

99 100

42 26.3 16.0 24.0#

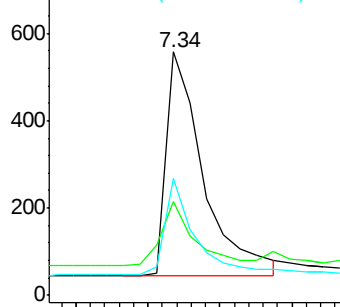
71 34.9 30.6 45.8



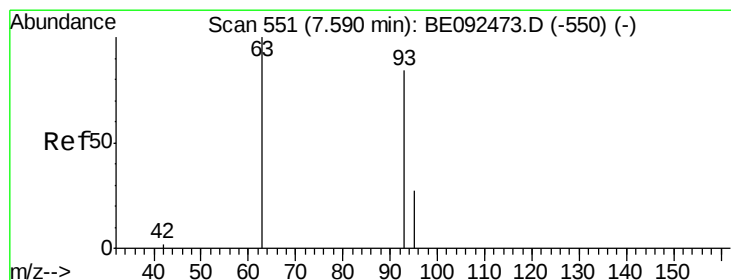
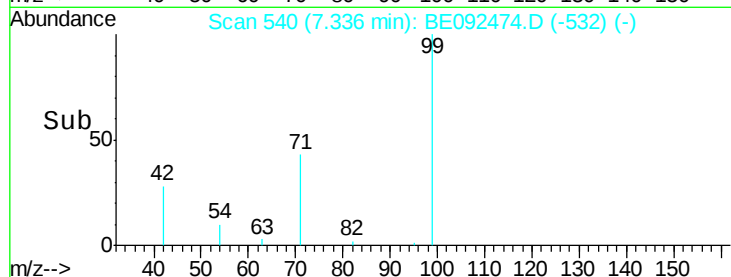
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.69 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

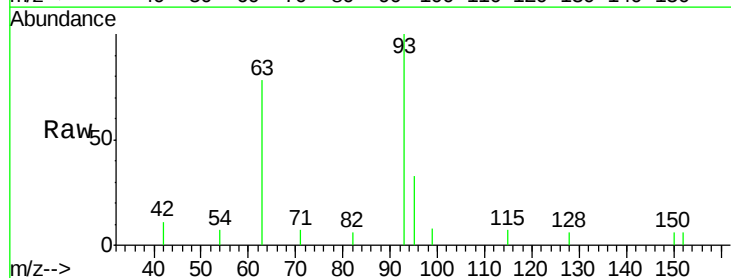
Tgt Ion: 93 Resp: 1741

Ion Ratio Lower Upper

93 100

63 91.8 71.6 107.4

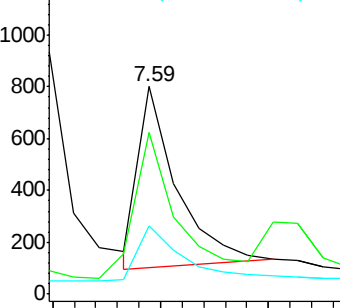
95 36.9 24.0 36.0#



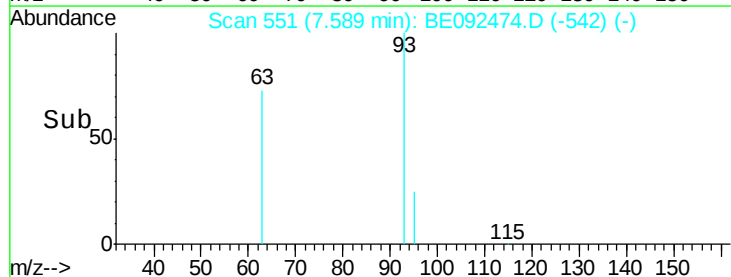
Abundance Ion 93.00 (92.70 to 93.70): BE0

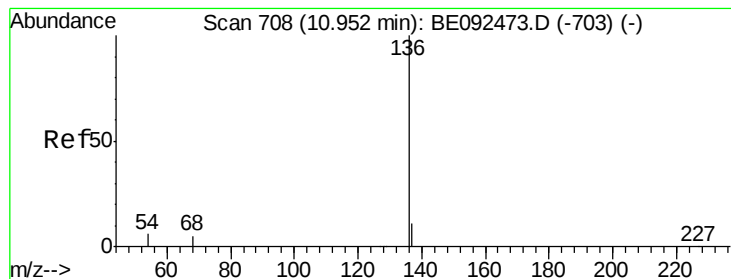
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 50425

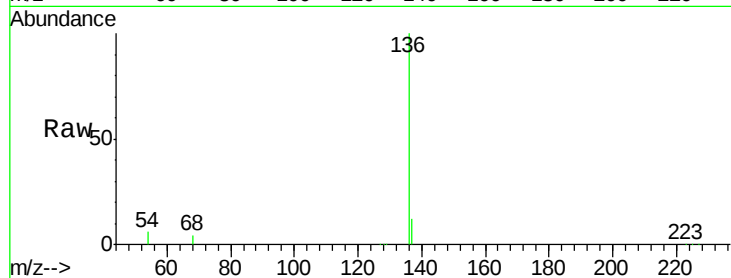
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.4

54 5.8 9.6 14.4#

68 4.5 6.7 10.1#

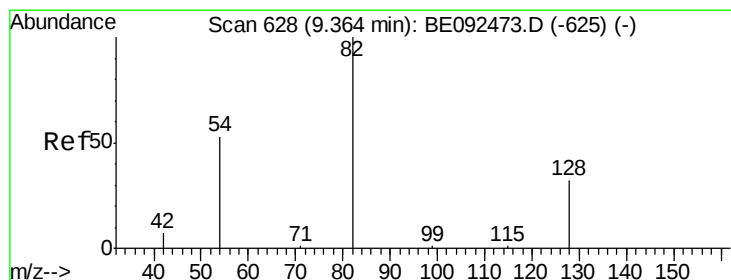
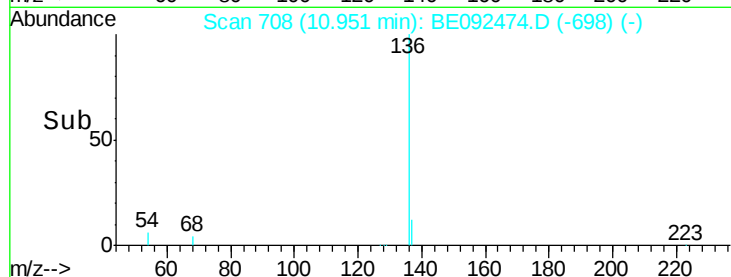
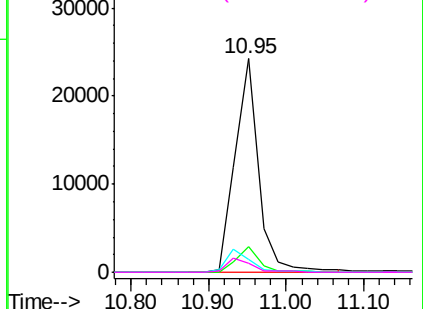


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.74 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

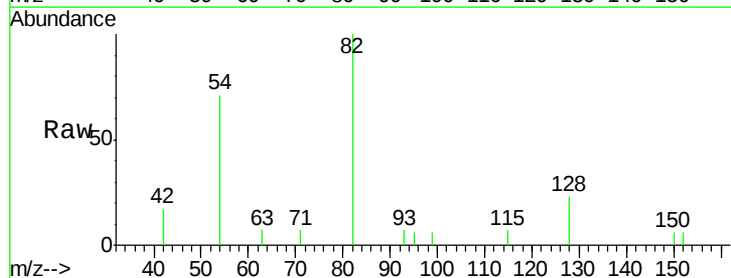
Tgt Ion: 82 Resp: 2222

Ion Ratio Lower Upper

82 100

128 22.6 39.0 58.4#

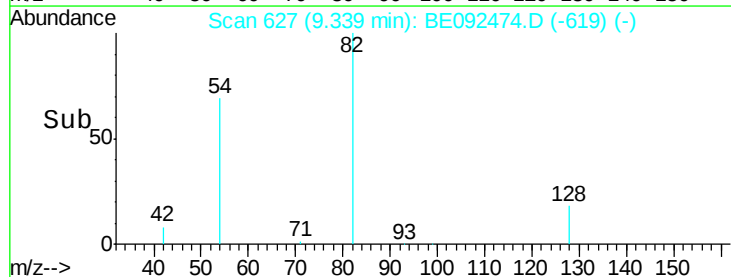
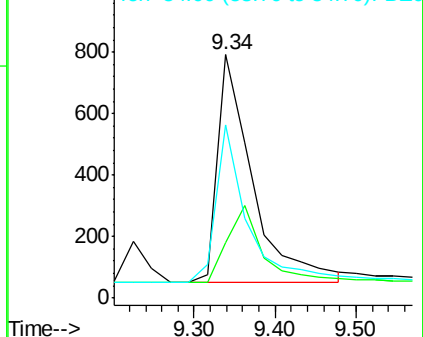
54 71.2 44.8 67.2#

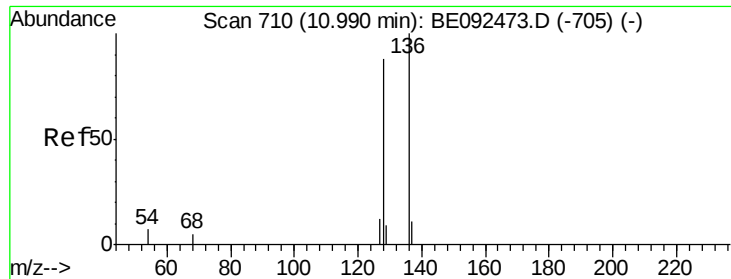


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.80 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampleId :

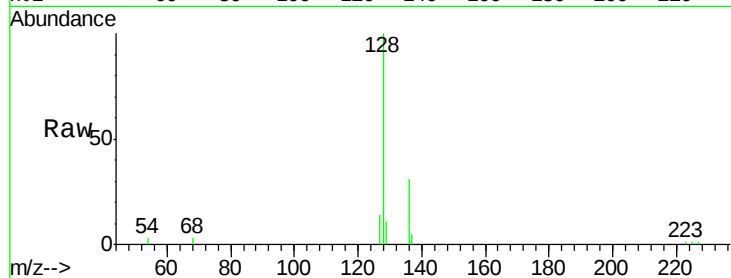
Tot Ion:128 Resp: 8689

Ion Ratio Lower Upper

128 100

129 11.3 11.2 16.8

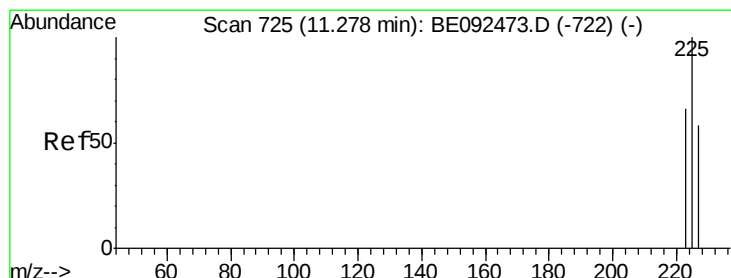
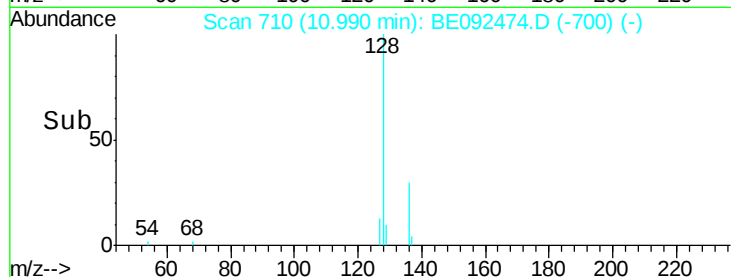
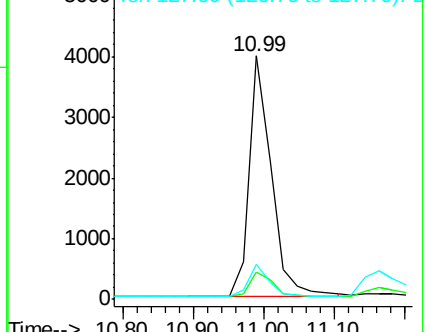
127 14.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.77 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

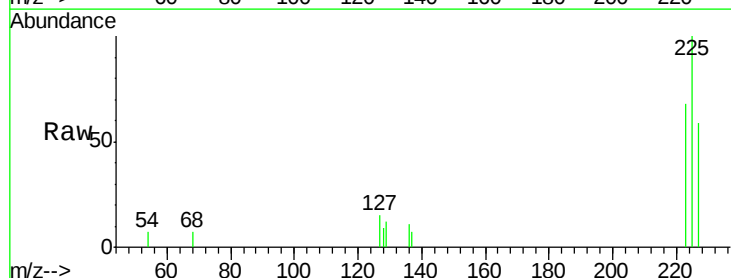
Tgt Ion:225 Resp: 1317

Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

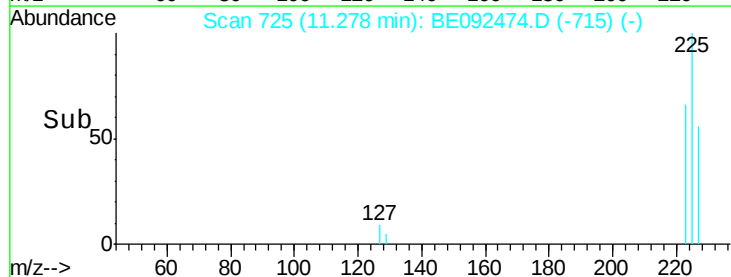
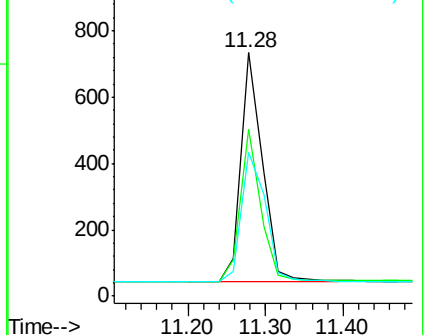
227 62.9 51.4 77.0

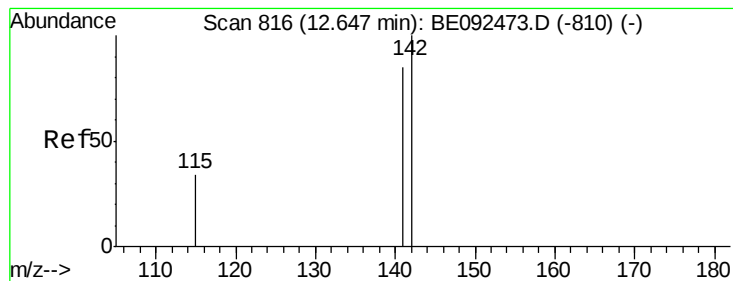


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.78 ng

RT: 12.63 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampleId :

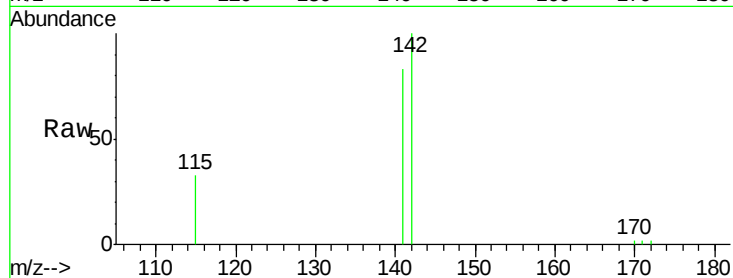
Tot Ion:142 Resp: 5629

Ion Ratio Lower Upper

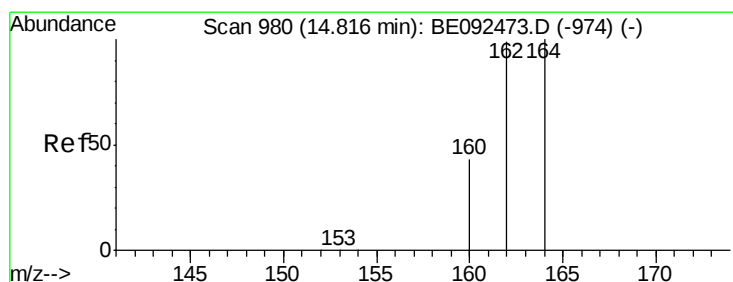
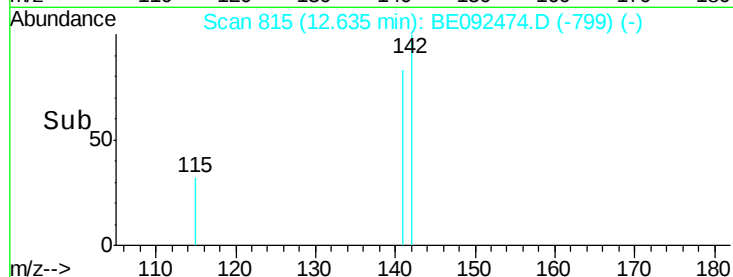
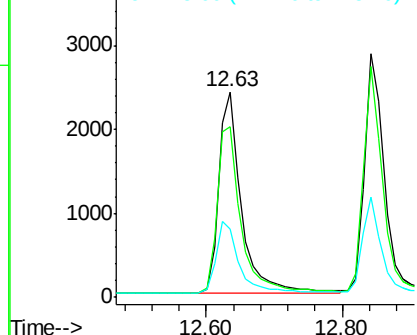
142 100

141 82.9 73.7 110.5

115 33.3 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: BE092474.D

Acq: 25 Oct 2016 11:02

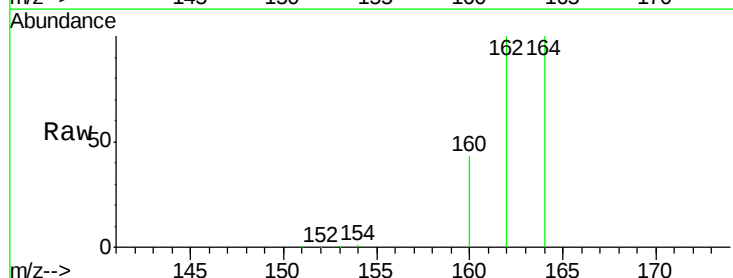
Tgt Ion:164 Resp: 35814

Ion Ratio Lower Upper

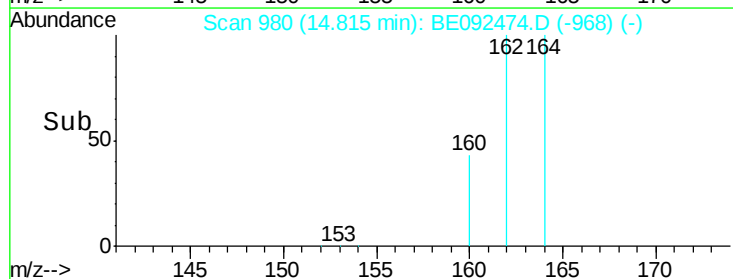
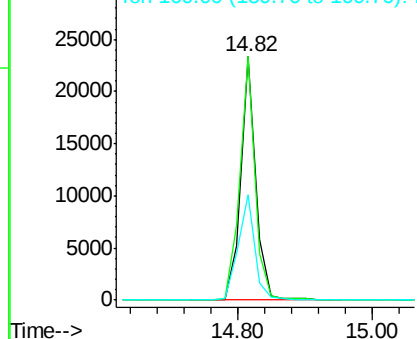
164 100

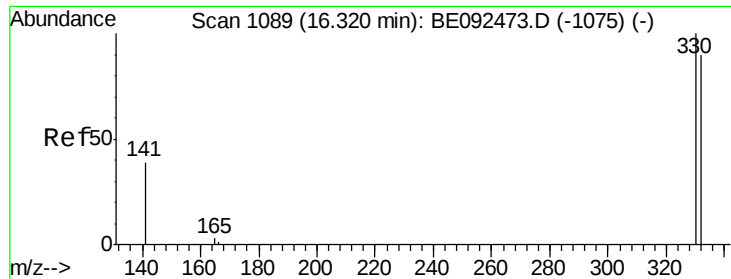
162 100.1 71.4 107.0

160 43.3 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

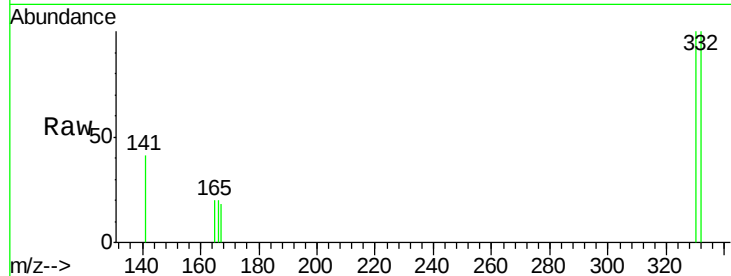




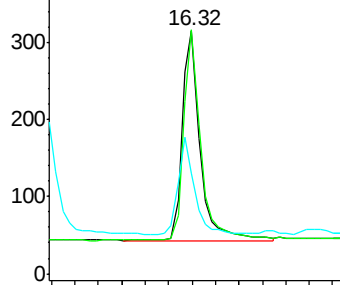
#13
 2,4,6-Tribromophenol
 Concen: 0.56 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BE092474.D
 Acq: 25 Oct 2016 11:02

Instrument :
 BNA_E
 ClientSampleId :

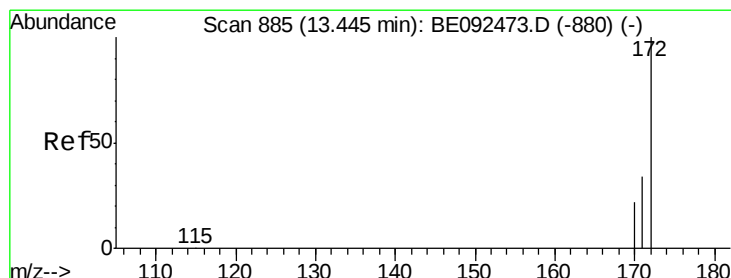
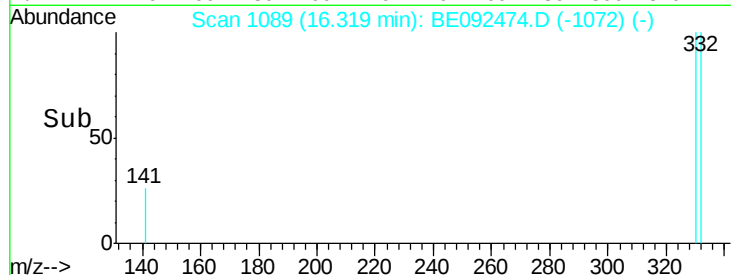
Tot Ion:330 Resp: 574
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.4 113.0
 141 42.5 31.0 46.6



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

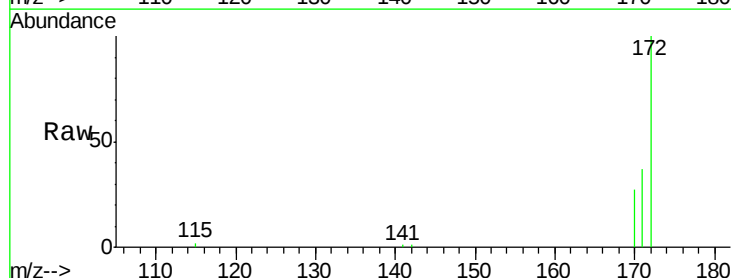


Time-->

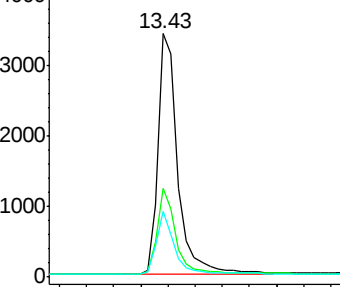


#14
 2-Fluorobiphenyl
 Concen: 0.83 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092474.D
 Acq: 25 Oct 2016 11:02

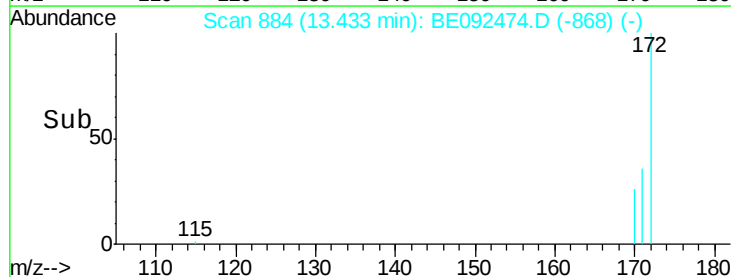
Tgt Ion:172 Resp: 7016
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 26.8 21.8 32.6

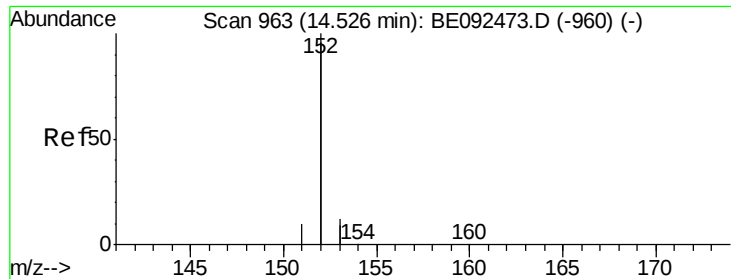


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->

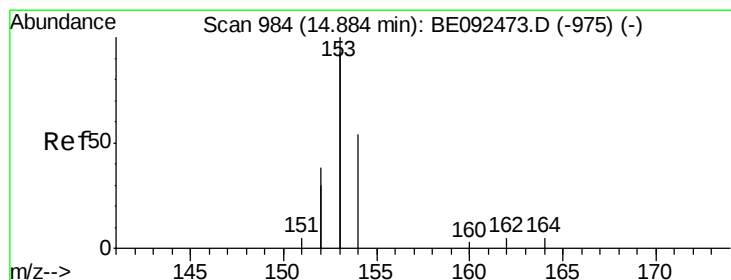
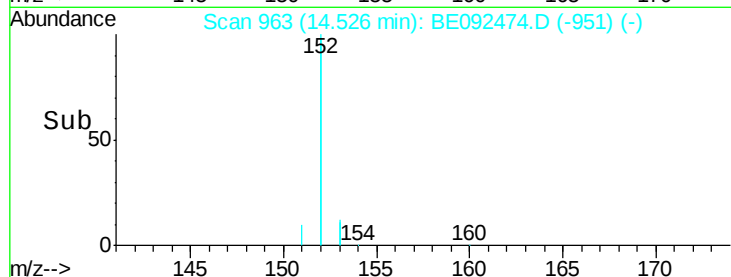
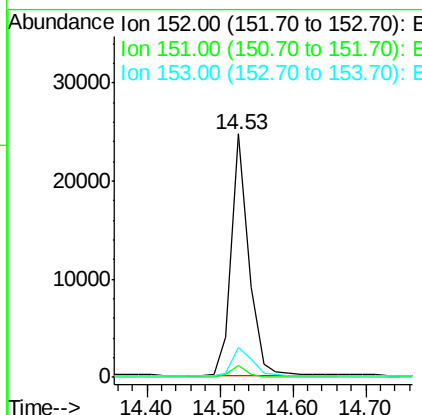
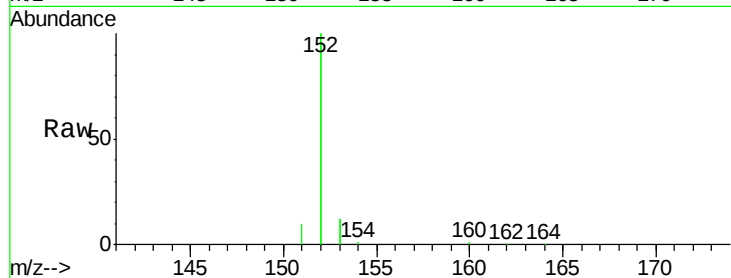




#15
Acenaphthylene
Concen: 0.78 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

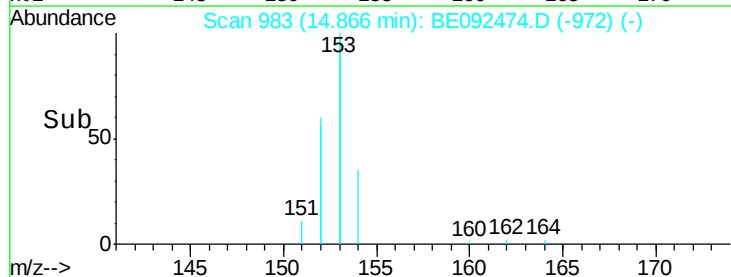
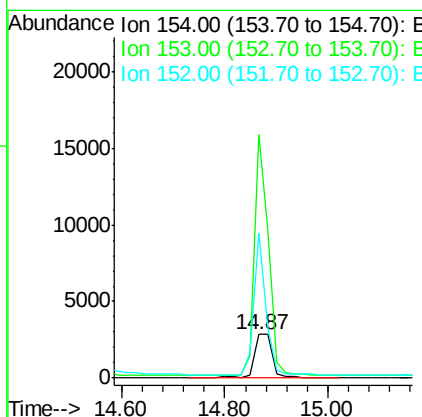
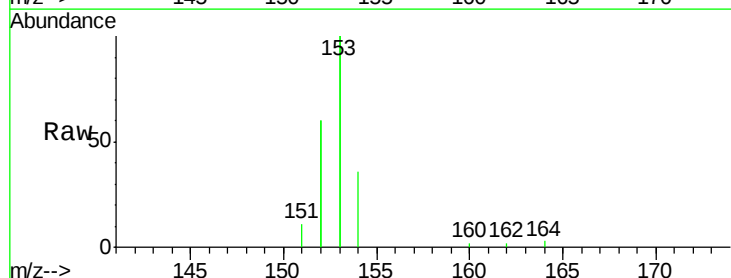
Instrument :
BNA_E
ClientSampleId :

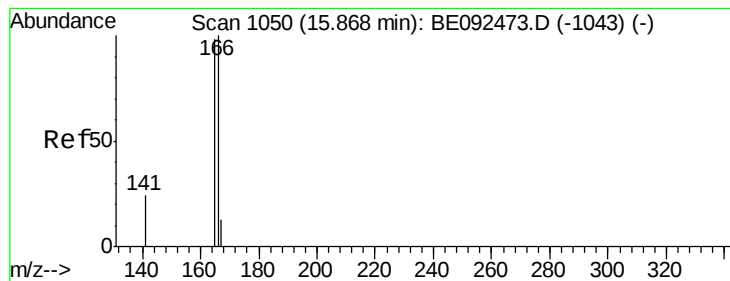
Tot Ion:152 Resp: 40500
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 12.9 10.4 15.6



#16
Acenaphthene
Concen: 0.78 ng
RT: 14.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Tgt Ion:154 Resp: 6363
Ion Ratio Lower Upper
154 100
153 445.4 350.8 526.2
152 230.1 171.1 256.7





#17

Fluorene

Concen: 0.76 ng

RT: 15.87 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampleId :

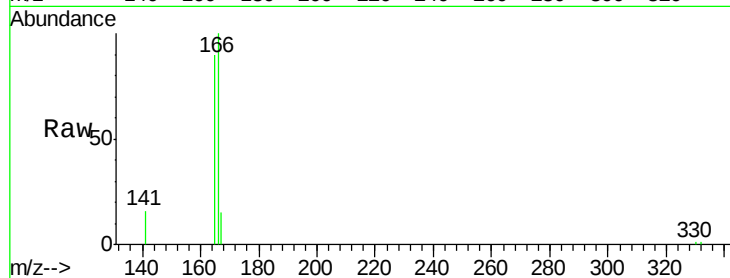
Tot Ion:166 Resp: 7809

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.4

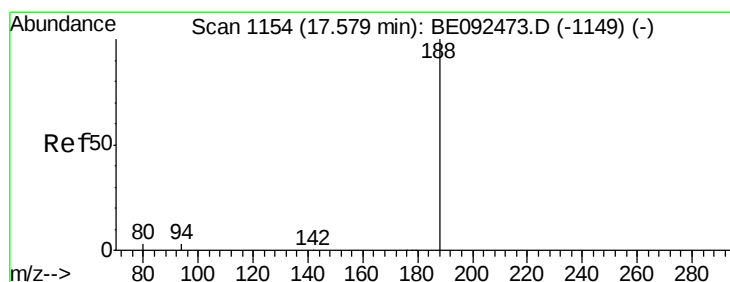
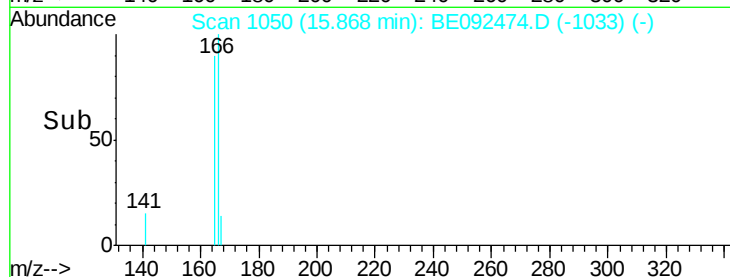
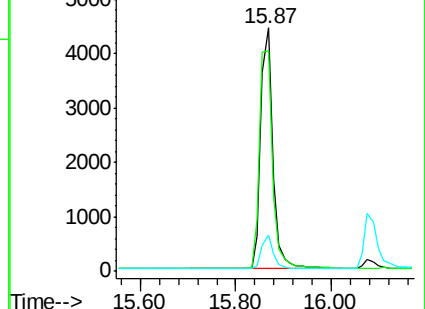
167 13.4 11.0 16.4



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: 17.56 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

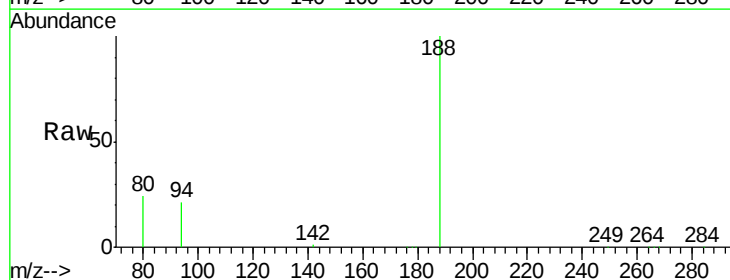
Tgt Ion:188 Resp: 67690

Ion Ratio Lower Upper

188 100

94 21.5 3.2 4.8#

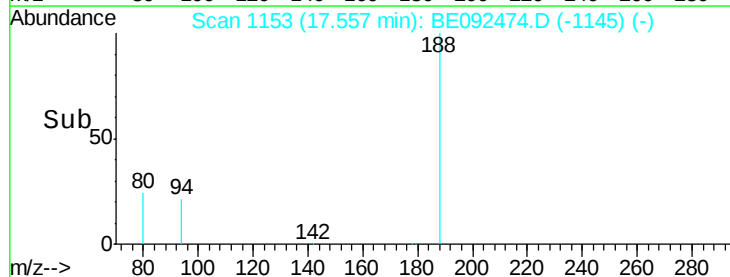
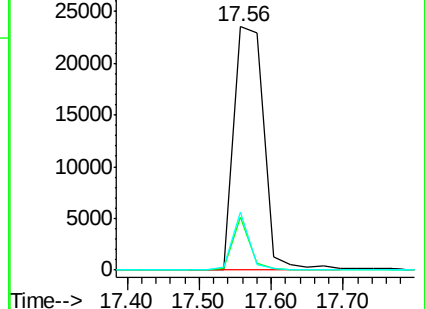
80 23.8 2.6 3.8#

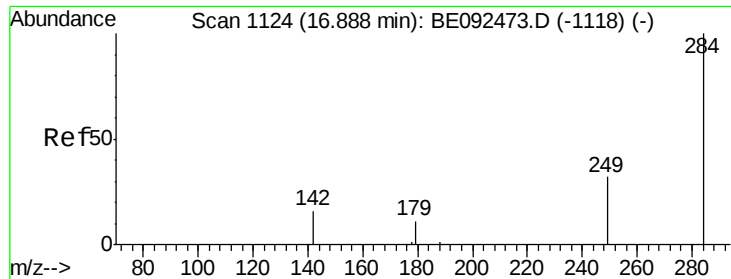


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

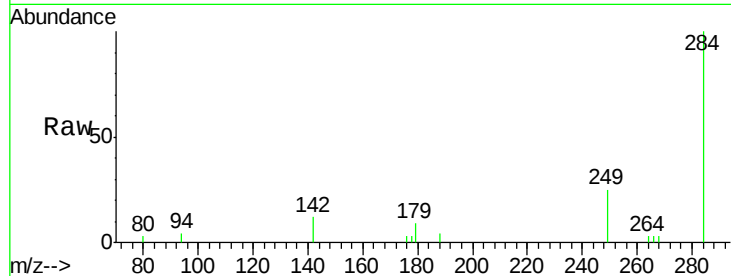




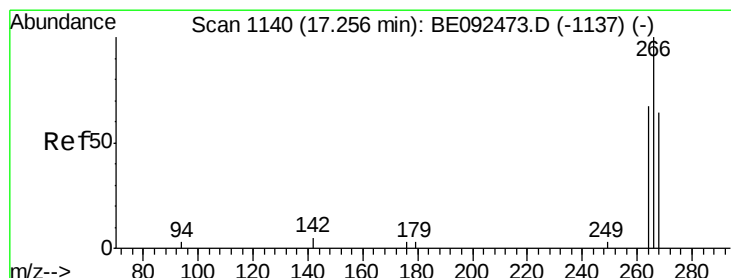
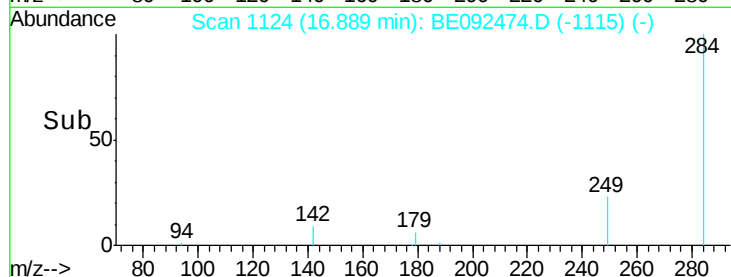
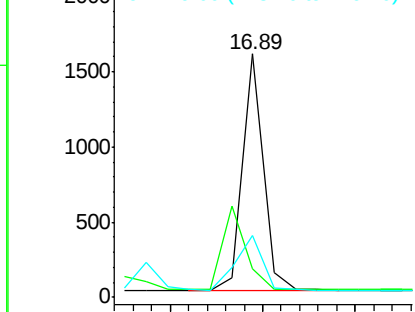
#19
Hexachlorobenzene
Concen: 0.86 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 2488
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.8 27.9 41.9

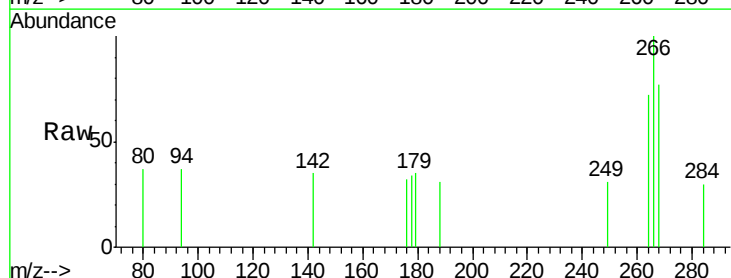


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

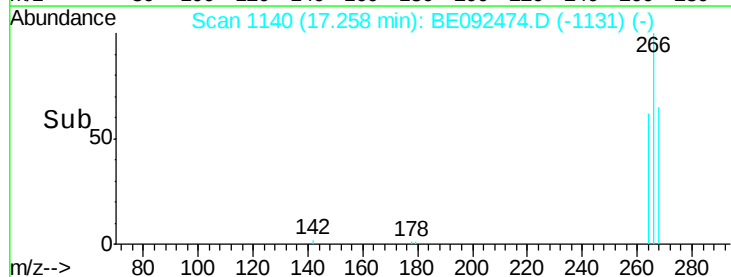
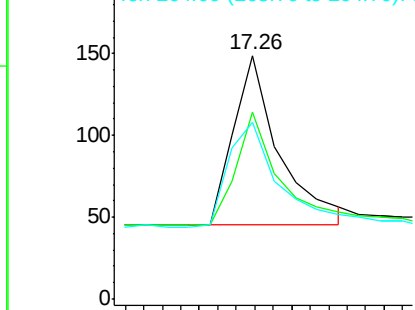


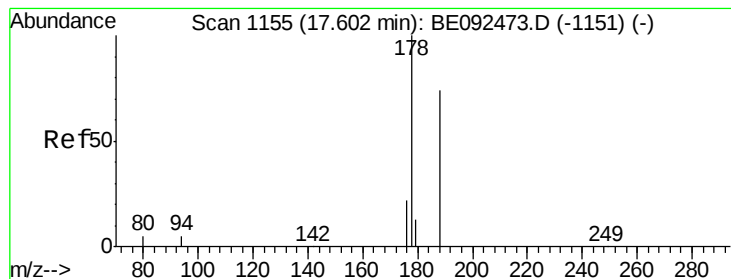
#20
Pentachlorophenol
Concen: 0.53 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Tgt Ion:266 Resp: 359
Ion Ratio Lower Upper
266 100
268 76.5 62.5 93.7
264 72.5 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: 0.90 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampled :

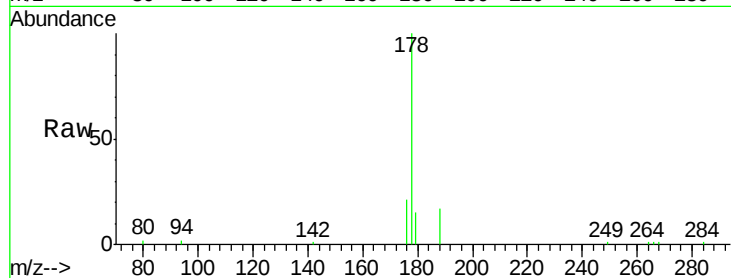
Tot Ion:178 Resp: 14062

Ion Ratio Lower Upper

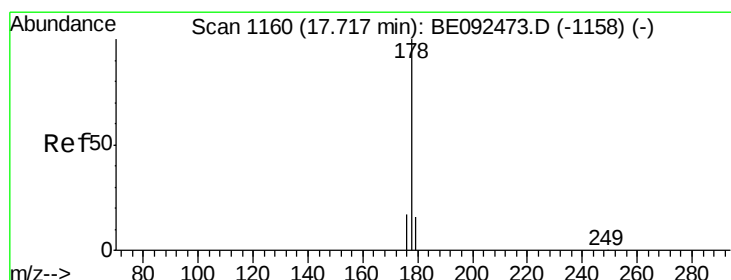
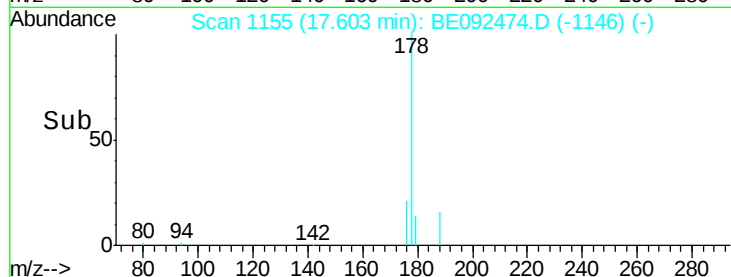
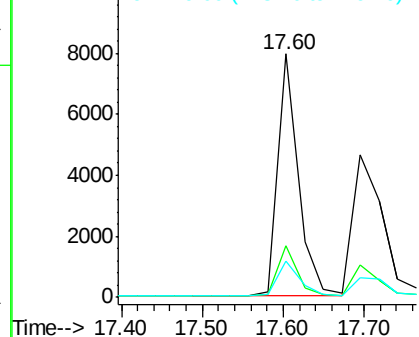
178 100

176 19.8 15.8 23.8

179 15.5 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: 0.78 ng

RT: 17.70 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

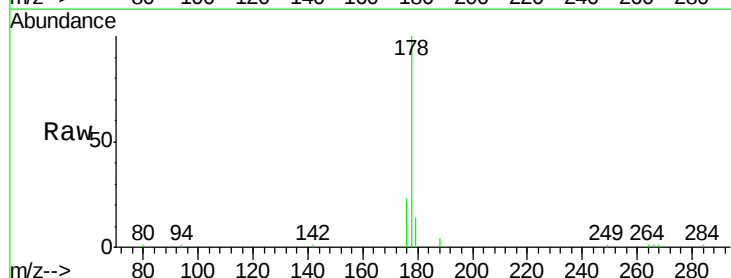
Tgt Ion:178 Resp: 11605

Ion Ratio Lower Upper

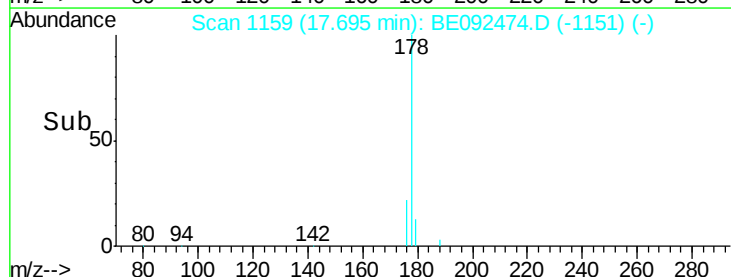
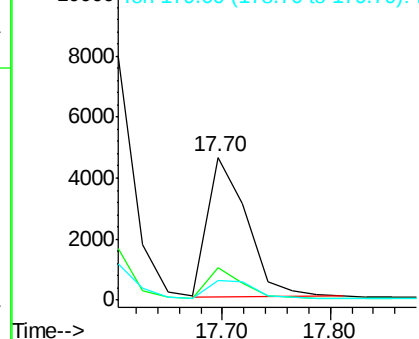
178 100

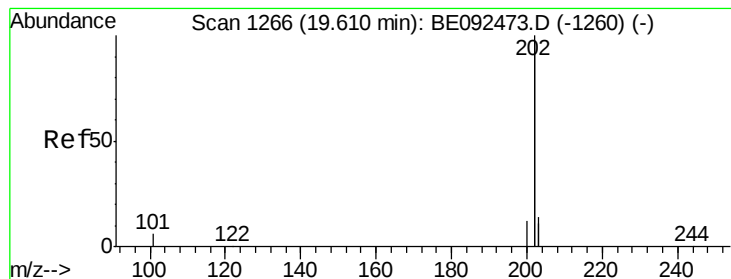
176 19.2 15.0 22.4

179 15.0 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: 0.75 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampleId :

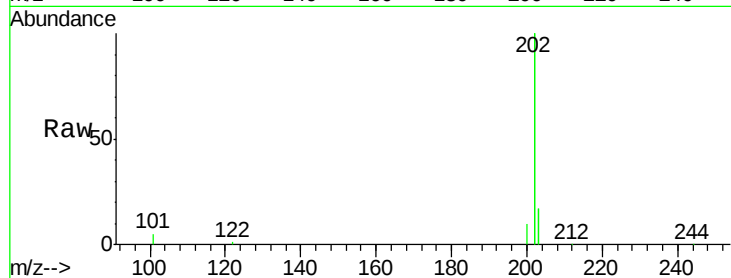
Tot Ion:202 Resp: 55338

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

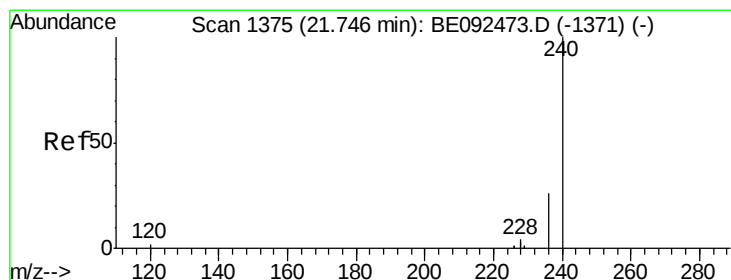
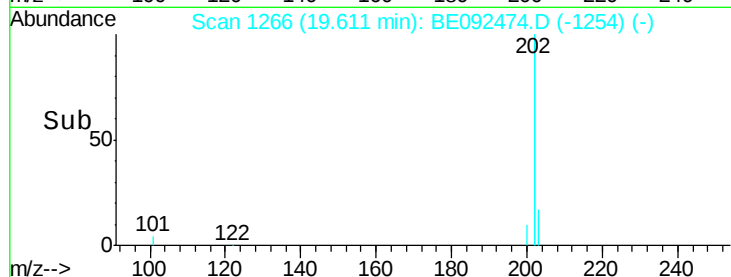
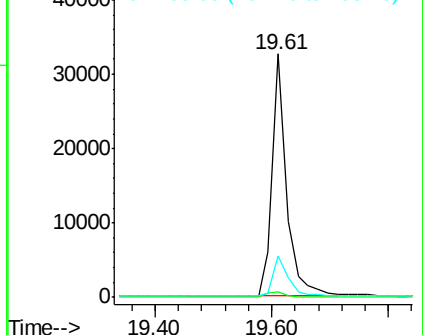
203 17.3 13.7 20.5



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: BE092474.D

Acq: 25 Oct 2016 11:02

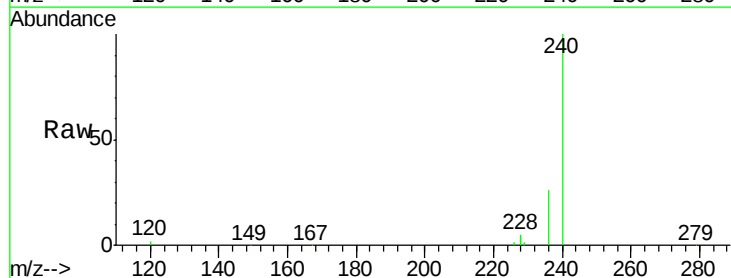
Tgt Ion:240 Resp: 82991

Ion Ratio Lower Upper

240 100

120 1.7 2.6 4.0#

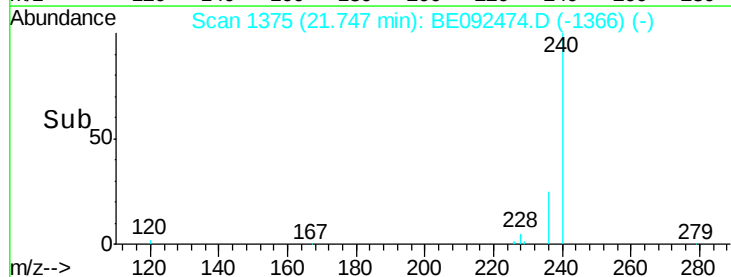
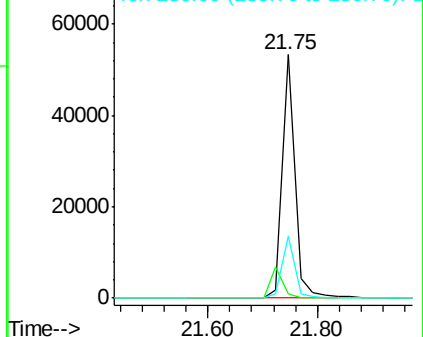
236 25.5 24.6 37.0

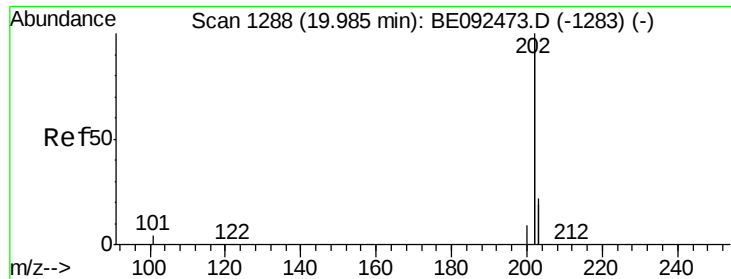


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

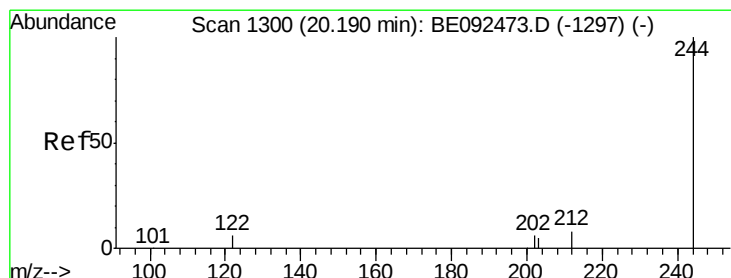
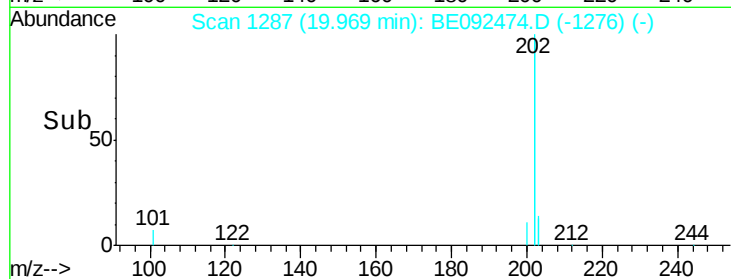
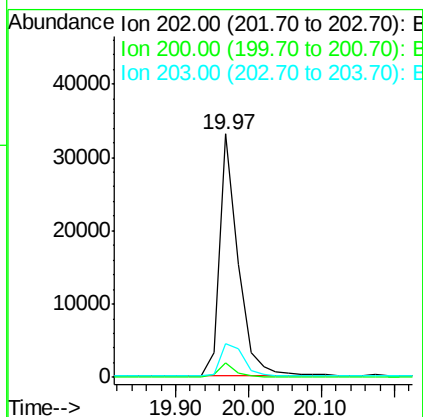
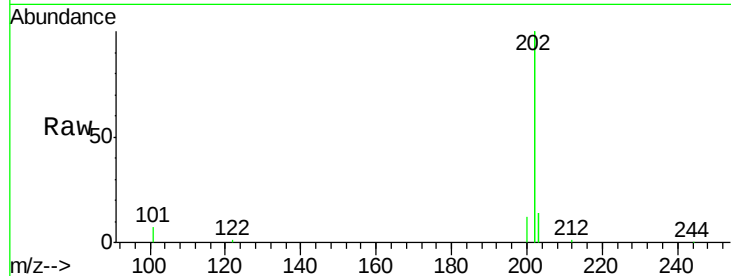




#25
Pvrene
Concen: 0.81 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

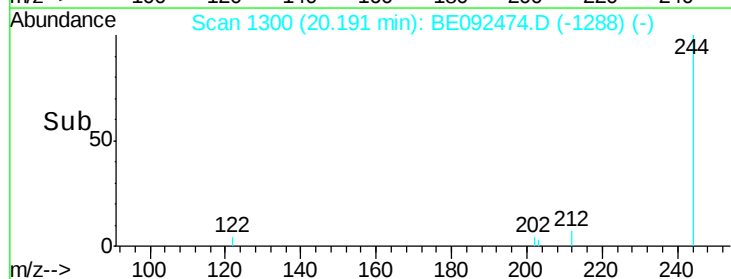
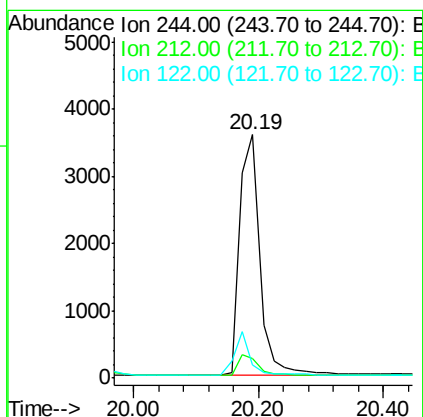
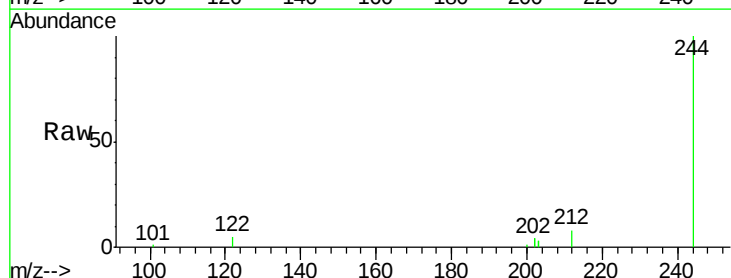
Instrument :
BNA_E
ClientSampleId :

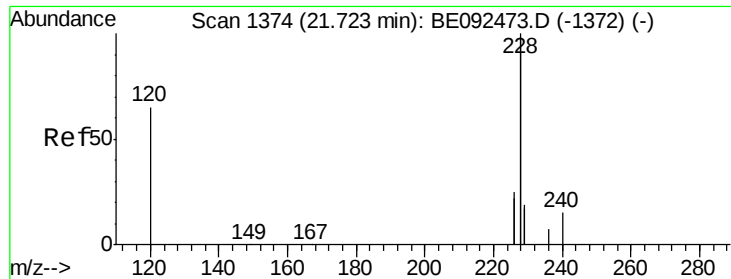
Tot Ion:202 Resp: 58608
Ion Ratio Lower Upper
202 100
200 5.4 4.2 6.4
203 16.9 13.9 20.9



#26
Terphenyl-d14
Concen: 0.79 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Tgt Ion:244 Resp: 8082
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 5.3 3.6 5.4

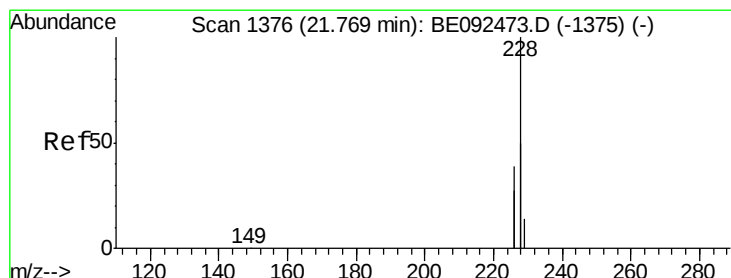
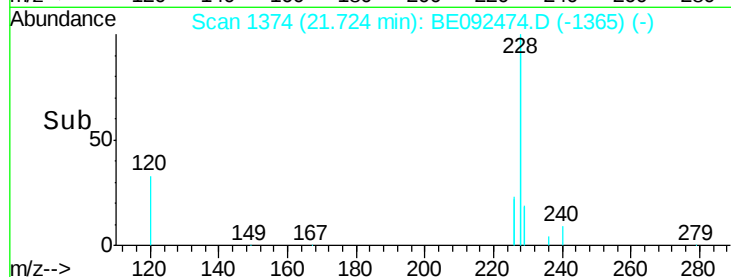
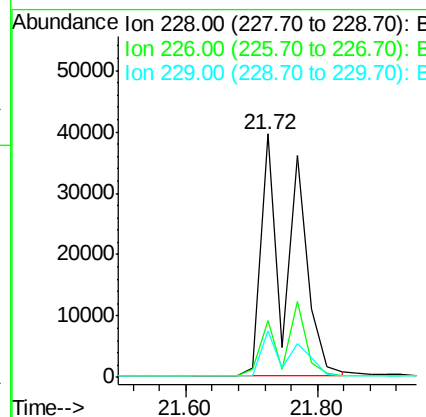
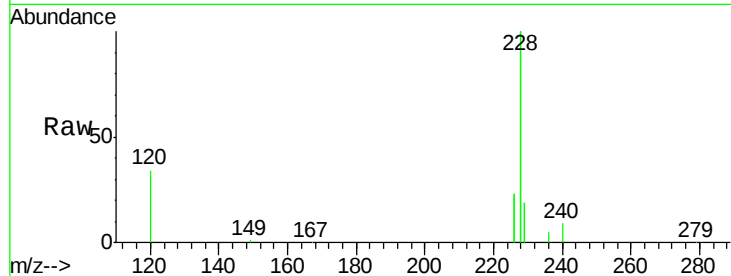




#27
Benzo(a)anthracene
Concen: 1.59 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

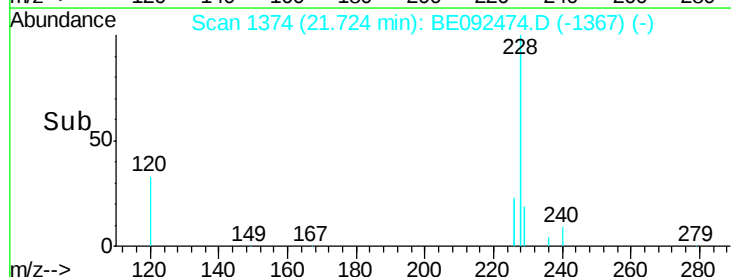
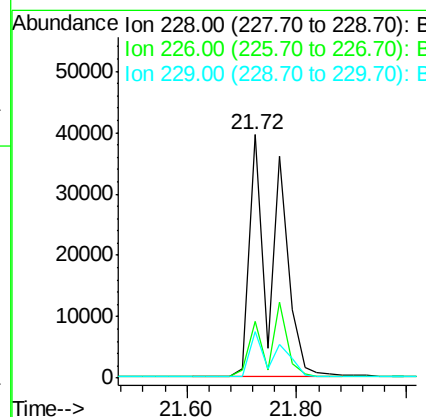
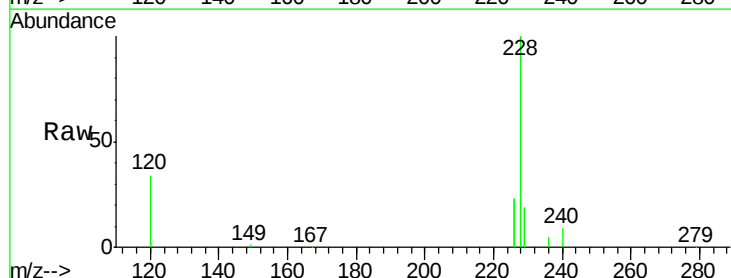
Instrument :
BNA_E
ClientSampled :

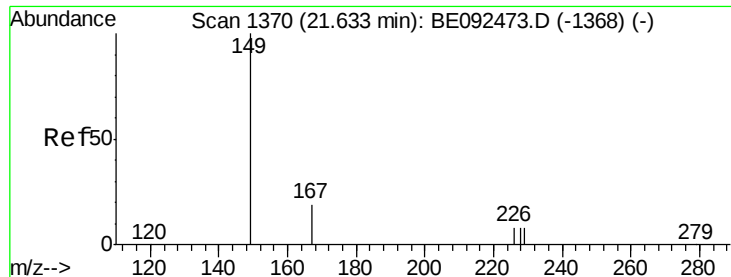
Tot Ion:228 Resp: 128793
Ion Ratio Lower Upper
228 100
226 23.3 23.6 35.4#
229 19.3 13.3 19.9



#28
Chrysene
Concen: 1.75 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Tgt Ion:228 Resp: 129859
Ion Ratio Lower Upper
228 100
226 23.3 36.3 54.5#
229 19.3 10.6 16.0#

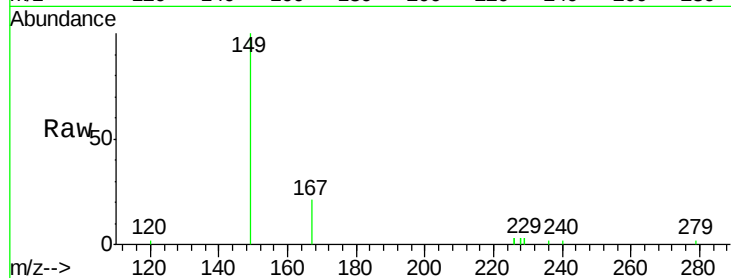




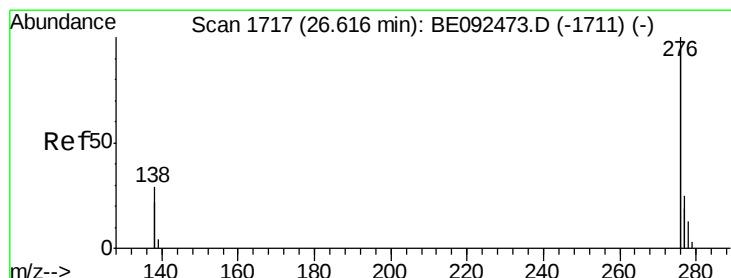
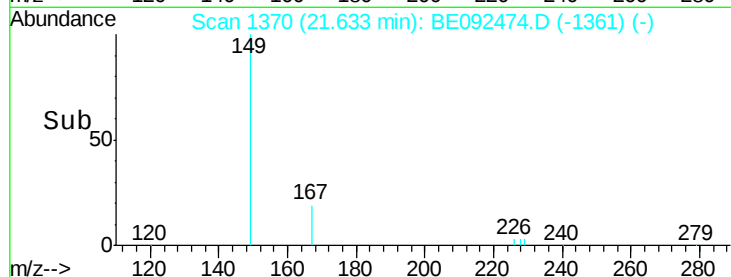
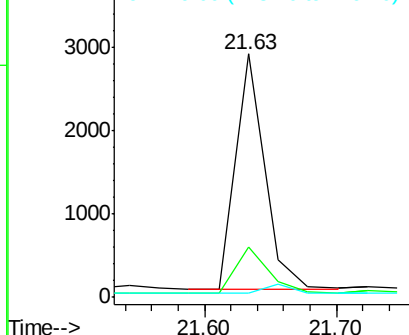
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.63 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092474.D
 Acq: 25 Oct 2016 11:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 4384
 Ion Ratio Lower Upper
 149 100
 167 21.9 16.0 24.0
 279 0.0 16.0 24.0#

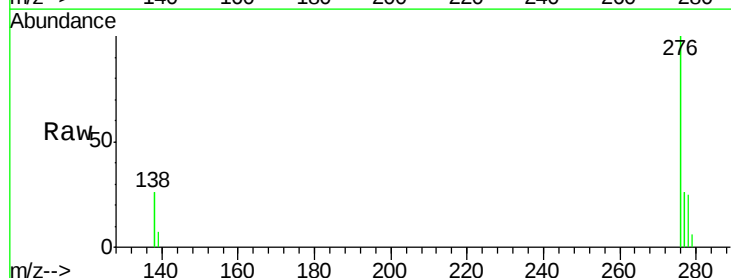


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

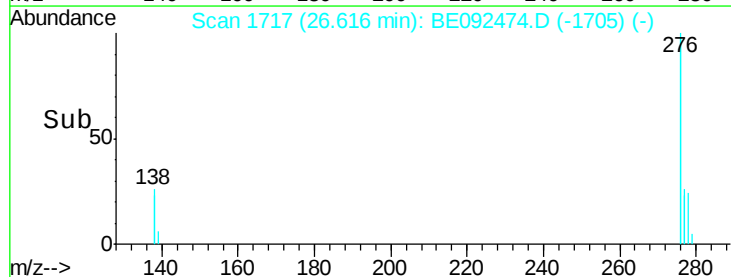
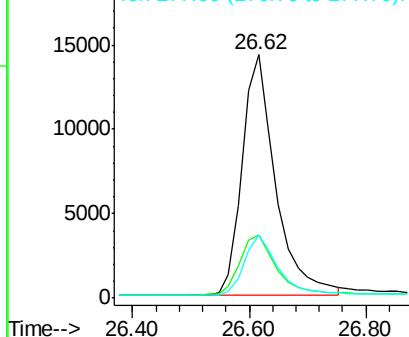


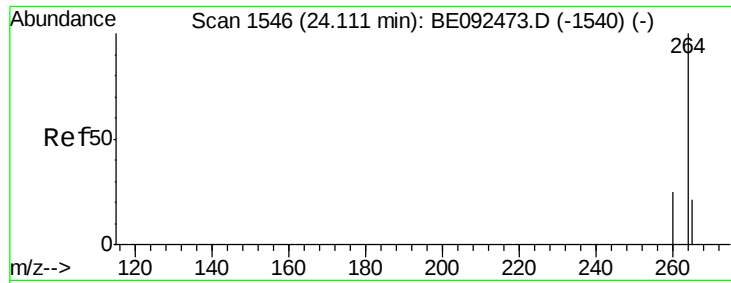
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.72 ng
 RT: 26.62 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BE092474.D
 Acq: 25 Oct 2016 11:02

Tgt Ion:276 Resp: 56897
 Ion Ratio Lower Upper
 276 100
 138 27.1 20.3 30.5
 277 24.6 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



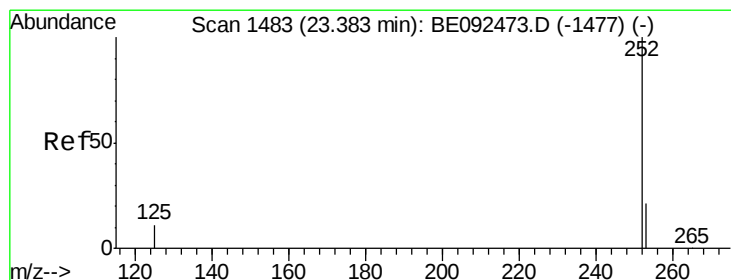
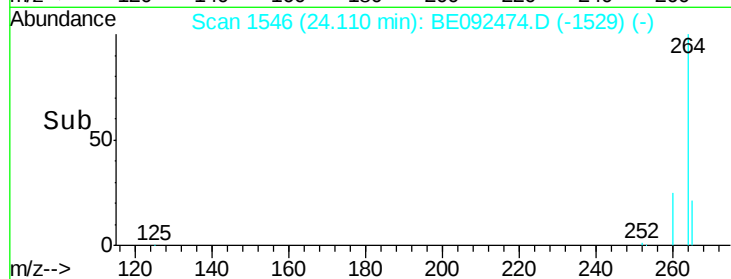
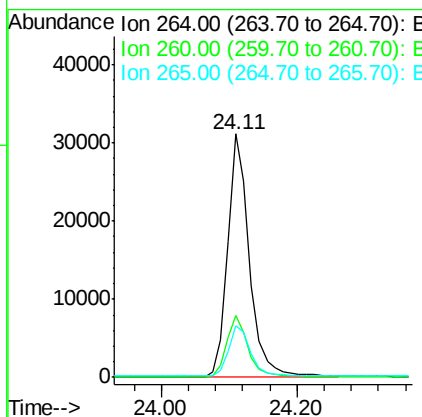
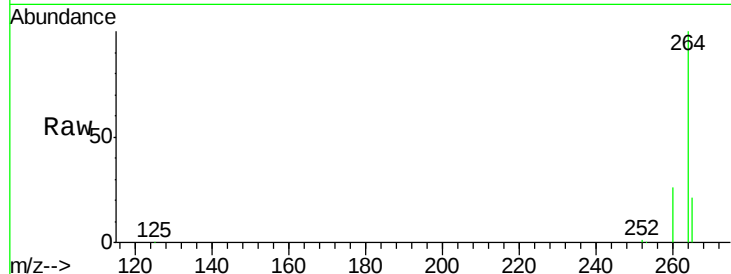


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 70163

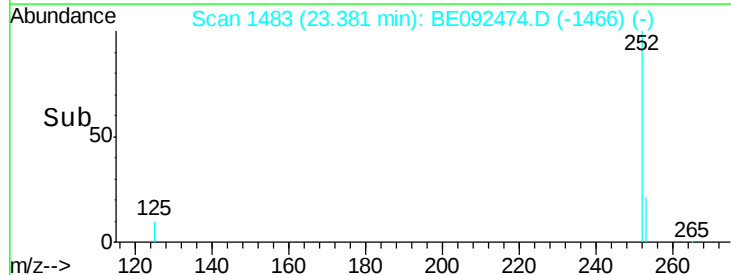
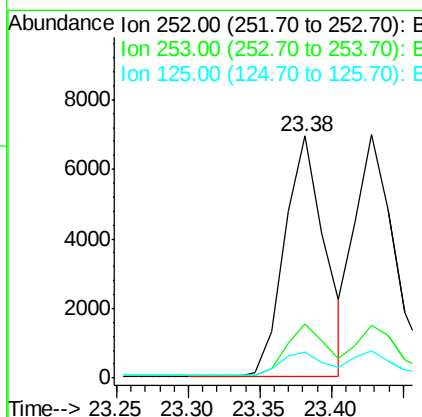
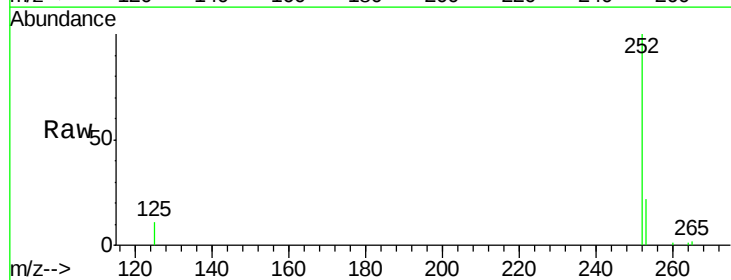
Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	20.9	17.9	26.9

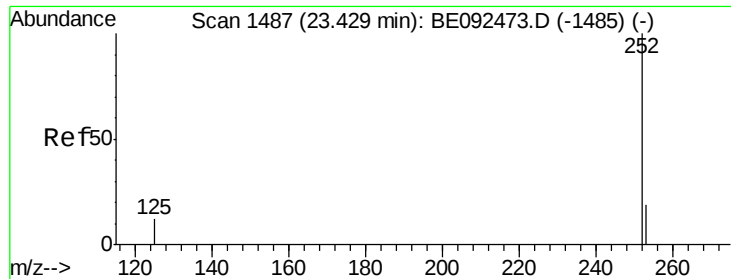


#32
Benzo(b)fluoranthene
Concen: 0.79 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092474.D
Acq: 25 Oct 2016 11:02

Tgt Ion:252 Resp: 13392

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	10.9	10.5	15.7





#33

Benzo(k)fluoranthene

Concen: 0.78 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampleId :

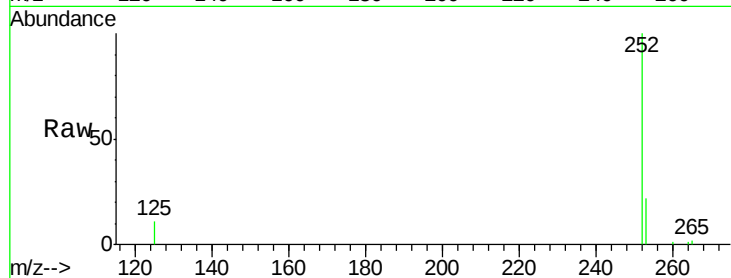
Tot Ion:252 Resp: 13795

Ion Ratio Lower Upper

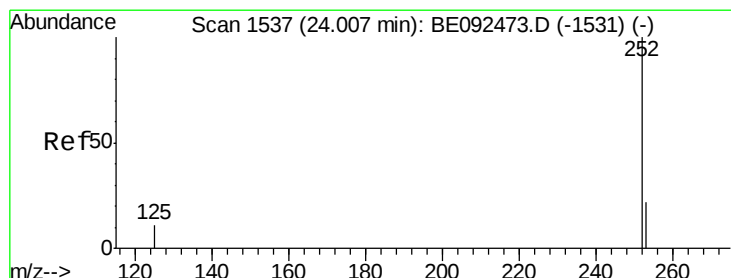
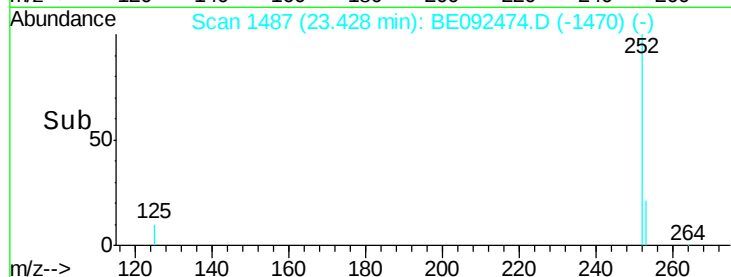
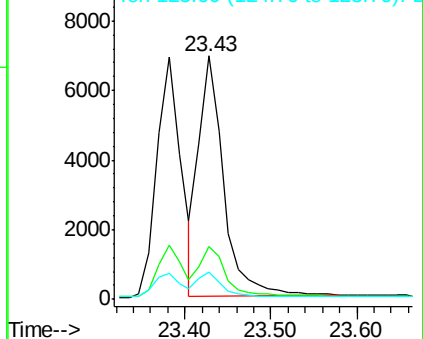
252 100

253 22.0 20.3 30.5

125 11.2 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: 0.74 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

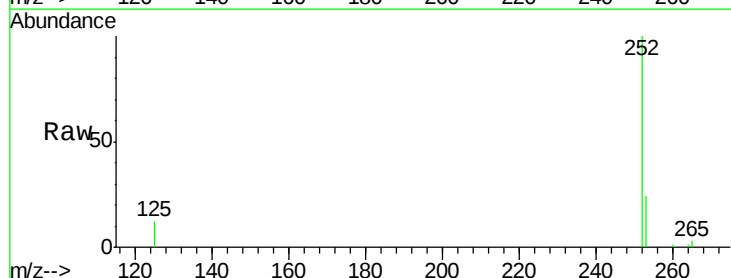
Tgt Ion:252 Resp: 12319

Ion Ratio Lower Upper

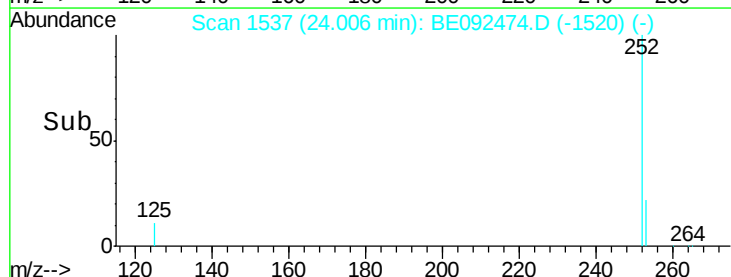
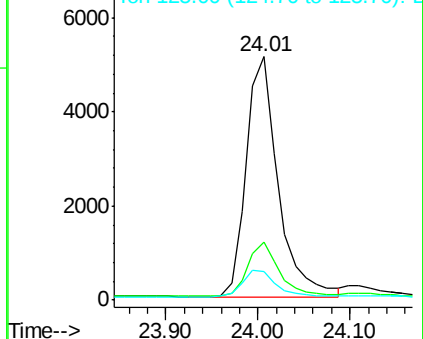
252 100

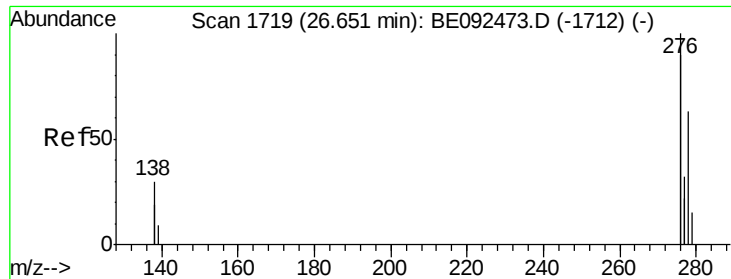
253 23.8 19.0 28.6

125 11.8 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: 0.75 ng

RT: 26.63 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

Instrument :

BNA_E

ClientSampleId :

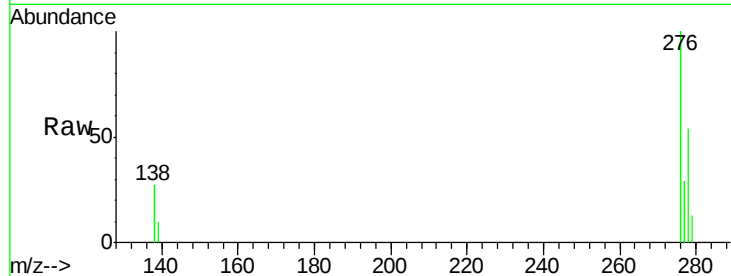
Tot Ion:278 Resp: 11444

Ion Ratio Lower Upper

278 100

139 19.3 13.8 20.8

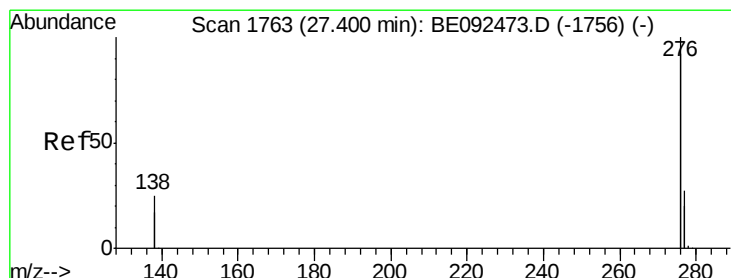
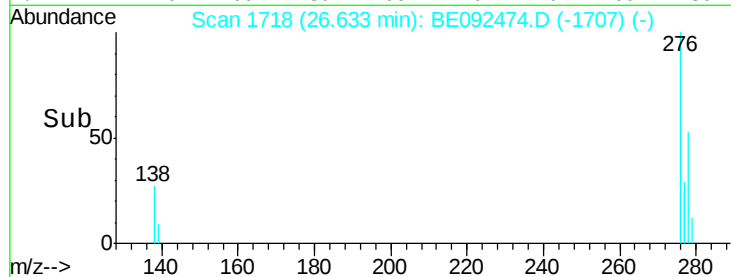
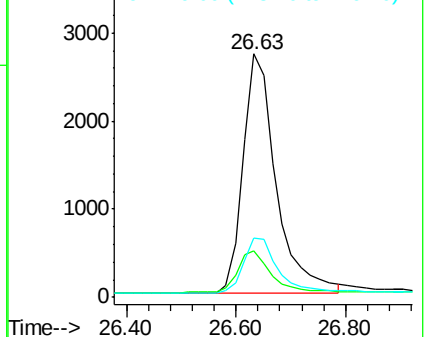
279 24.4 21.4 32.2



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: 0.76 ng

RT: 27.38 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BE092474.D

Acq: 25 Oct 2016 11:02

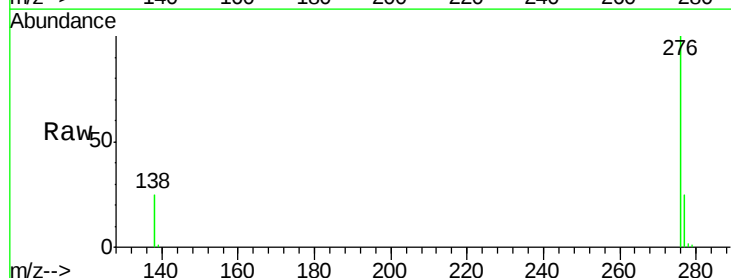
Tgt Ion:276 Resp: 49528

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 24.9 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

