

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
 Data File : BE092479.D
 Acq On : 25 Oct 2016 14:43
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102516

Quant Time: Oct 25 15:30:55 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 15:25:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9040	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	45963	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	32636	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	64372	5.00	ng	0.00
24) Chrysene-d12	21.75	240	77855	5.00	ng	0.00
31) Perylene-d12	24.11	264	65558	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	579	0.42	ng	0.00
5) Phenol-d6	7.36	99	807	0.42	ng	0.00
8) Nitrobenzene-d5	9.36	82	985	0.47	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	249	0.41	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	3305	0.42	ng	0.00
26) Terphenyl-d14	20.19	244	3825	0.40	ng	0.00

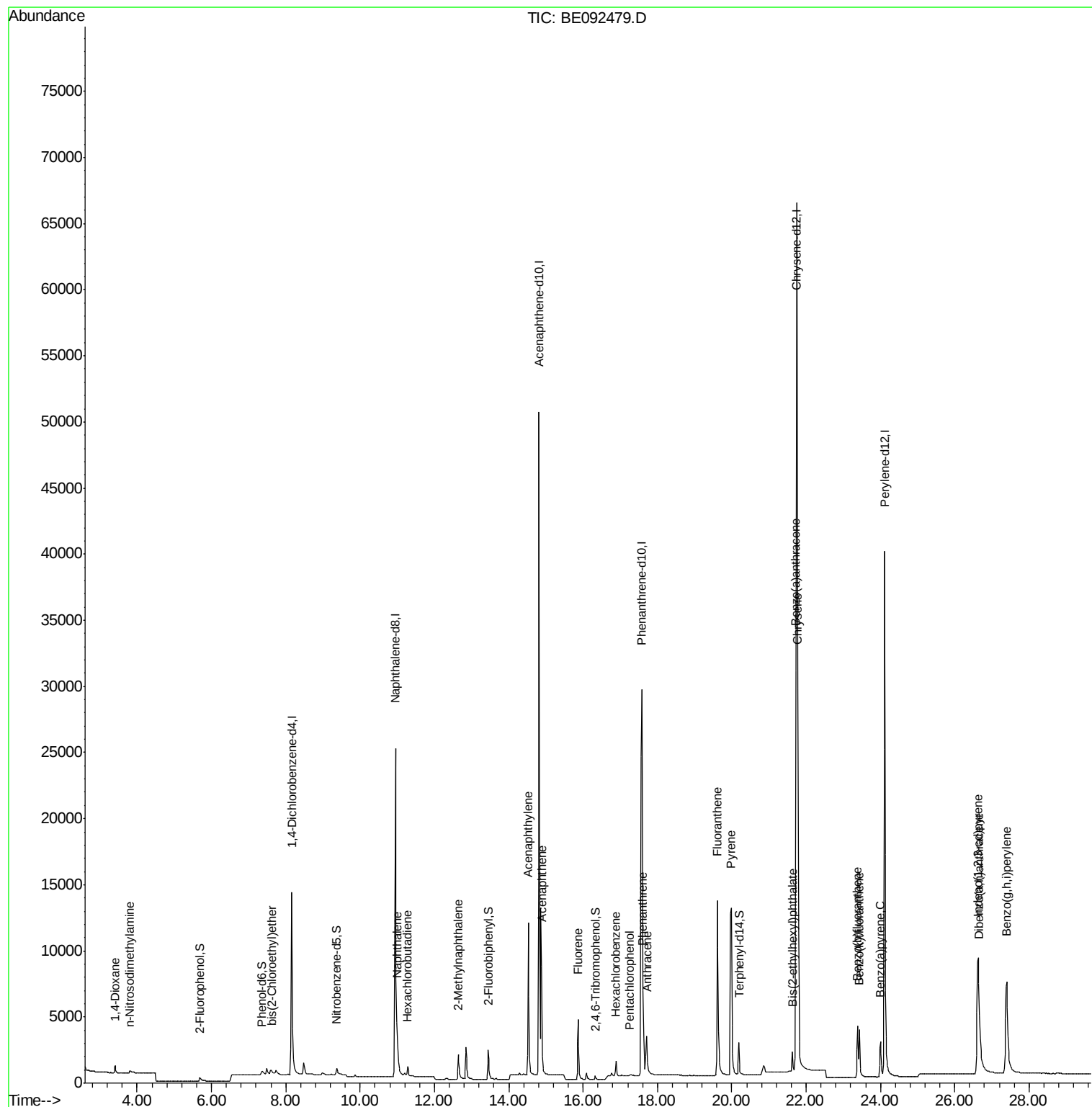
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	452	0.37	ng	97
3) n-Nitrosodimethylamine	3.80	42	385	0.45	ng	# 95
6) bis(2-Chloroethyl)ether	7.61	93	853	0.43	ng	# 28
9) Naphthalene	10.99	128	3790	0.38	ng	97
10) Hexachlorobutadiene	11.28	225	597	0.39	ng	99
11) 2-Methylnaphthalene	12.65	142	2449	0.38	ng	94
15) Acenaphthylene	14.53	152	18465	0.40	ng	100
16) Acenaphthene	14.88	154	3027	0.41	ng	96
17) Fluorene	15.87	166	3594	0.40	ng	100
19) Hexachlorobenzene	16.89	284	1180	0.41	ng	# 66
20) Pentachlorophenol	17.26	266	147	0.43	ng	# 88
21) Phenanthrene	17.60	178	6376	0.38	ng	# 95
22) Anthracene	17.72	178	5530	0.37	ng	99
23) Fluoranthene	19.61	202	25746	0.39	ng	100
25) Pyrene	19.97	202	26223	0.39	ng	100
27) Benzo(a)anthracene	21.72	228	26868m	0.37	ng	
28) Chrysene	21.77	228	31721m	0.42	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	1996	0.45	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.62	276	25112	0.38	ng	98
32) Benzo(b)fluoranthene	23.38	252	5573	0.34	ng	99
33) Benzo(k)fluoranthene	23.43	252	6568	0.41	ng	97
34) Benzo(a)pyrene	24.01	252	5128	0.35	ng	98
35) Dibenzo(a,h)anthracene	26.65	278	5075	0.37	ng	97
36) Benzo(g,h,i)perylene	27.40	276	22508	0.38	ng	97

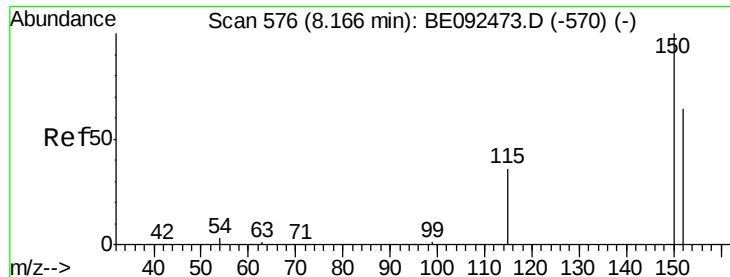
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

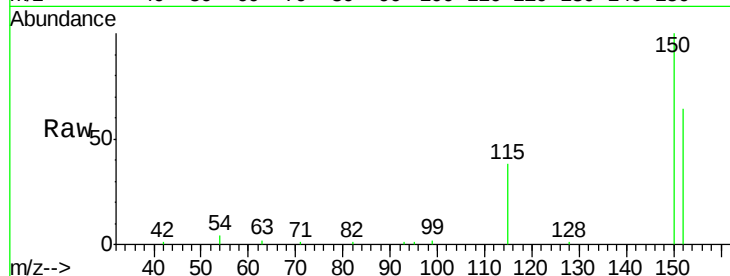
Tot Ion:152 Resp: 9040

Ion Ratio Lower Upper

152 100

150 157.4 106.0 159.0

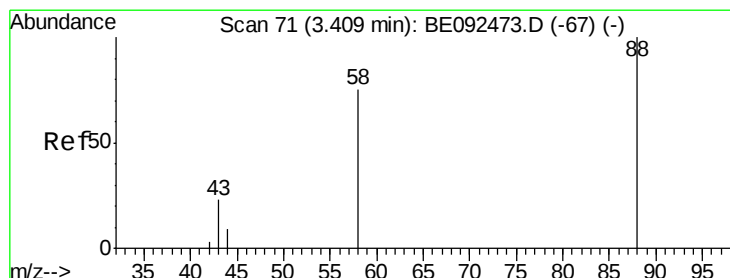
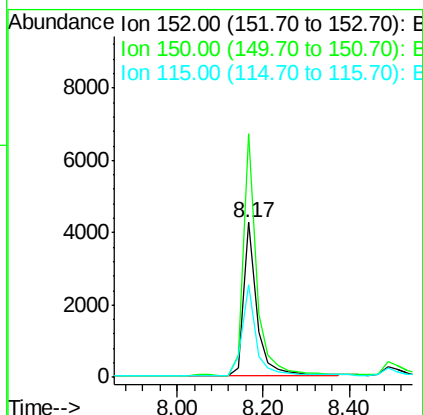
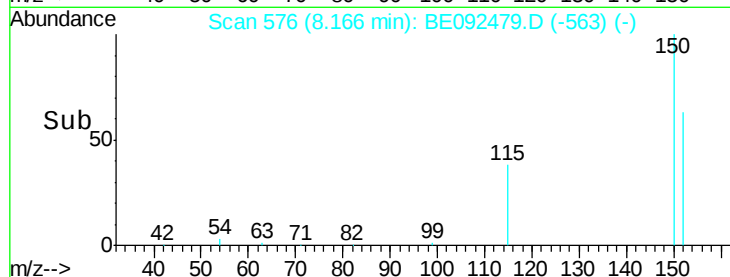
115 59.9 31.2 46.8#



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



#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.41 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

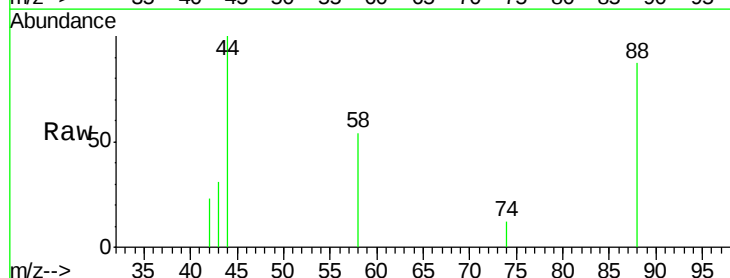
Tgt Ion: 88 Resp: 452

Ion Ratio Lower Upper

88 100

58 82.3 63.6 95.4

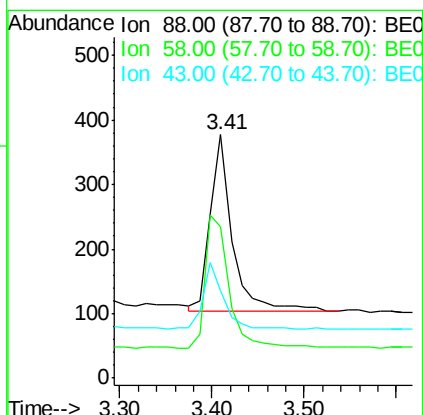
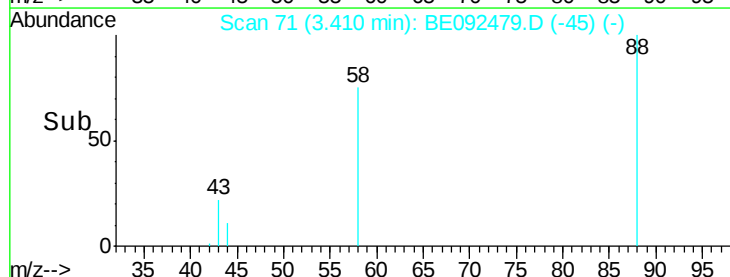
43 34.3 28.0 42.0

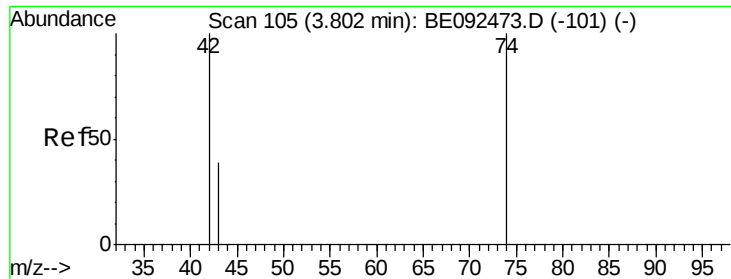


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.45 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

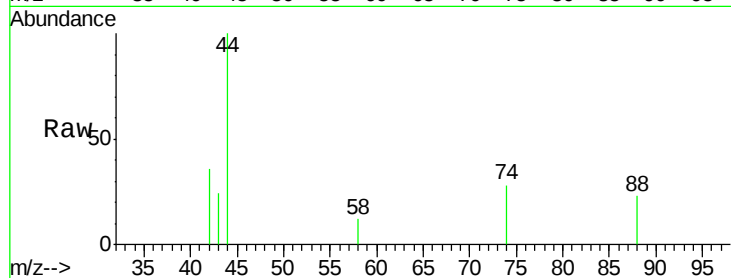
Tot Ion: 42 Resp: 385

Ion Ratio Lower Upper

42 100

74 103.4 86.0 129.0

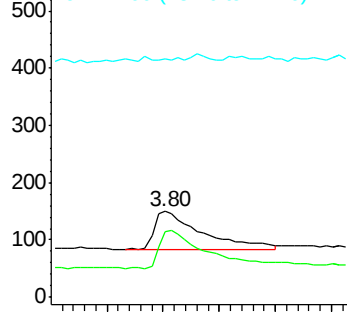
44 0.0 5.1 7.7#



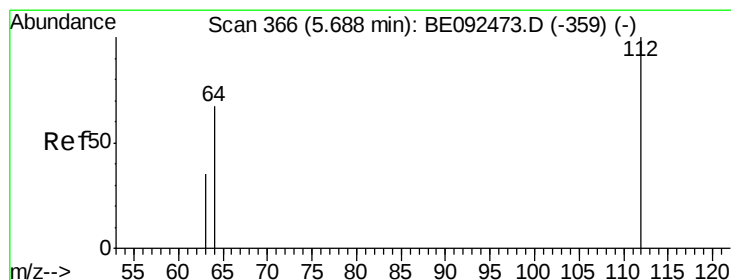
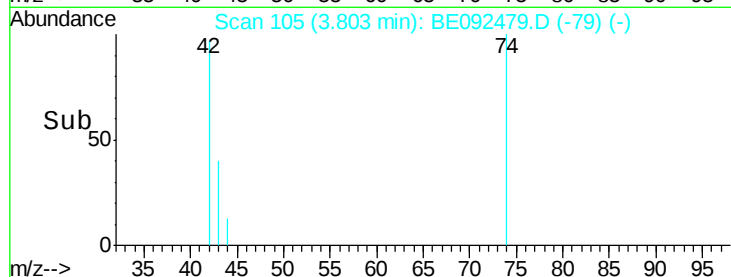
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.42 ng

RT: 5.69 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

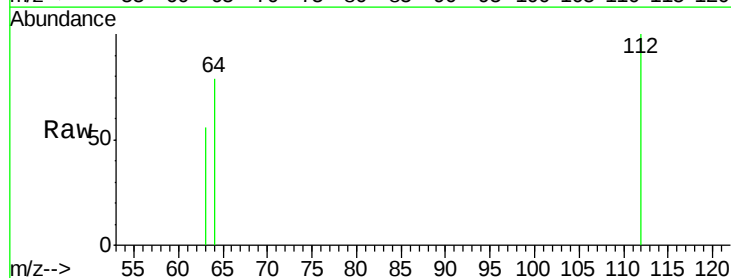
Tgt Ion: 112 Resp: 579

Ion Ratio Lower Upper

112 100

64 74.8 53.5 80.3

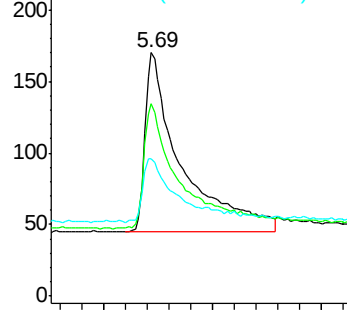
63 30.1 27.9 41.9



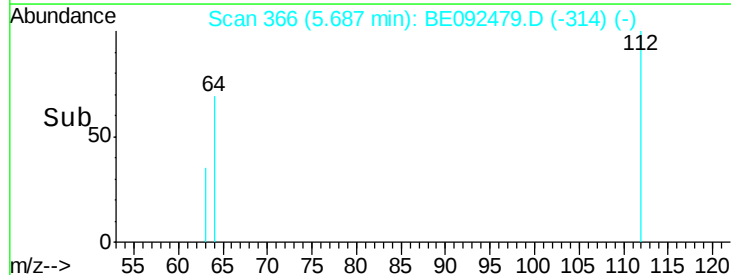
Abundance Ion 112.00 (111.70 to 112.70): E

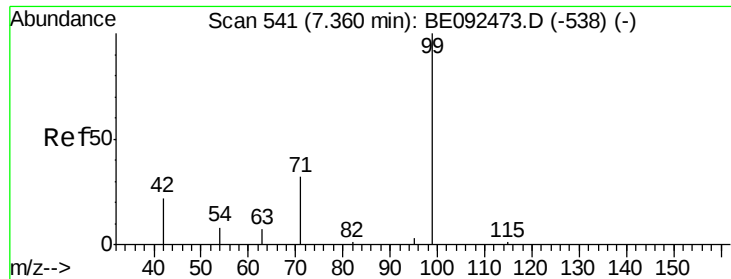
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.42 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

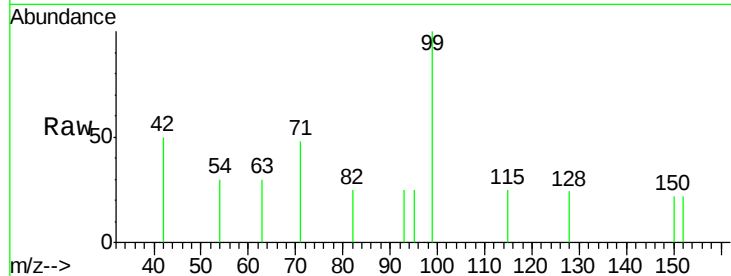
Tot Ion: 99 Resp: 807

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

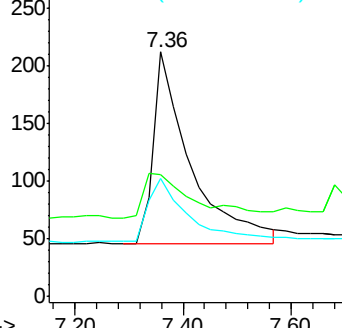
71 38.5 30.6 45.8



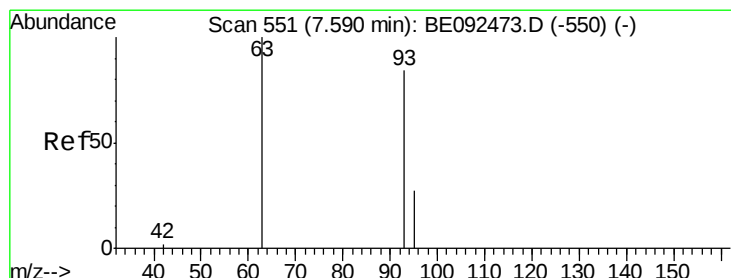
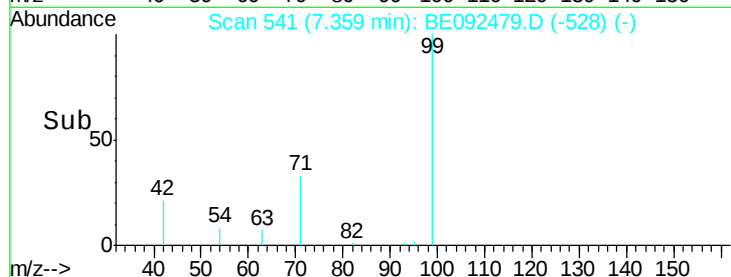
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.43 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.02 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

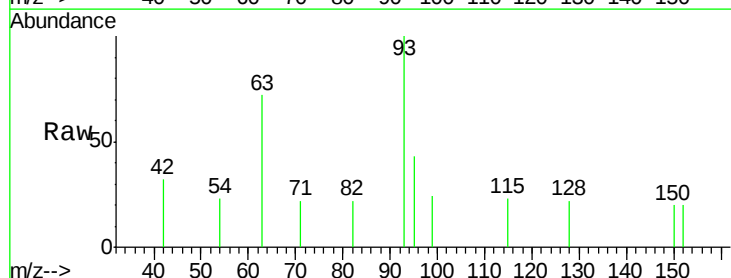
Tgt Ion: 93 Resp: 853

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

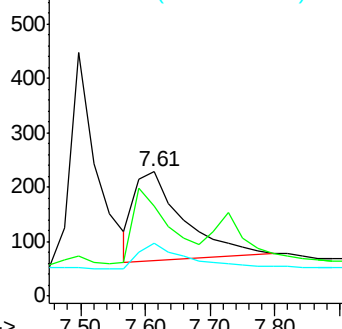
95 28.5 24.0 36.0



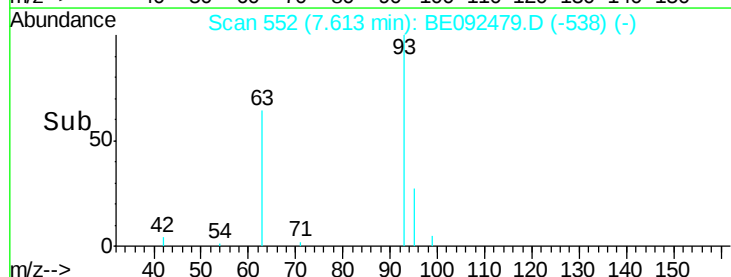
Abundance Ion 93.00 (92.70 to 93.70): BE0

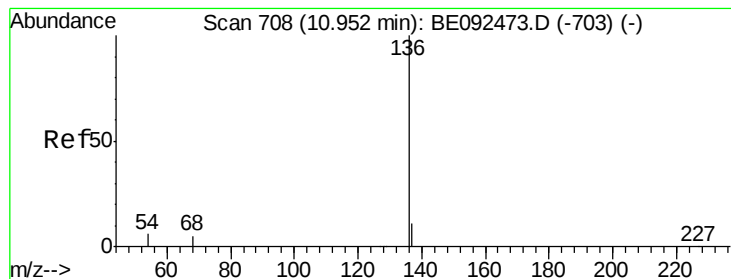
Ion 63.00 (62.70 to 63.70): BE0

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: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

Tot Ion:136 Resp: 45963

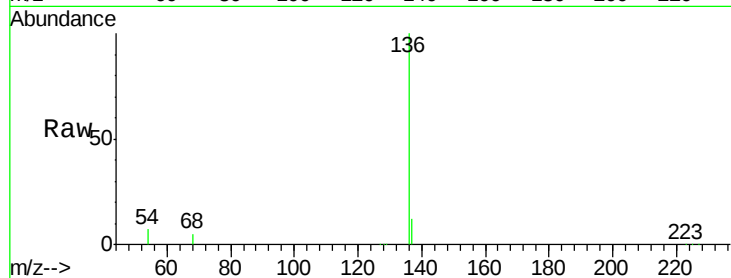
Ion Ratio Lower Upper

136 100

137 11.6 8.2 12.4

54 6.7 9.6 14.4#

68 4.9 6.7 10.1#

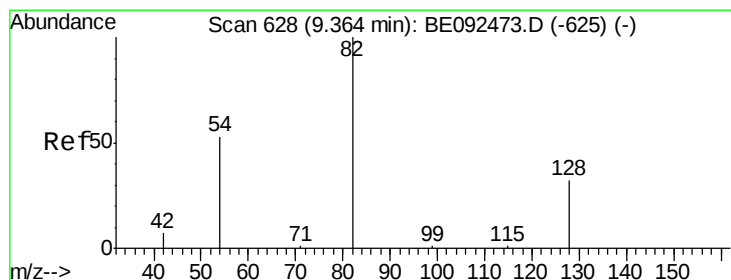
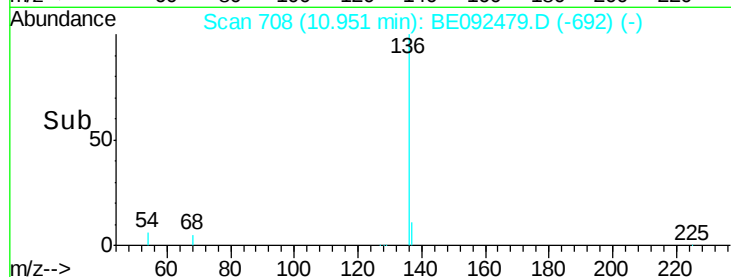
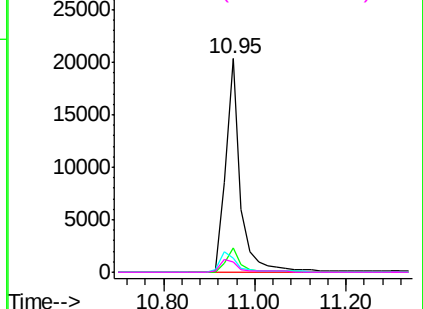


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.47 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

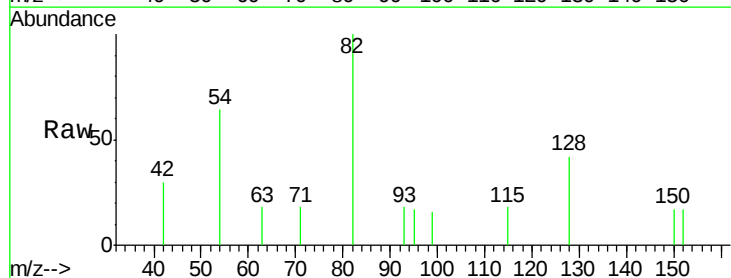
Tgt Ion: 82 Resp: 985

Ion Ratio Lower Upper

82 100

128 42.1 39.0 58.4

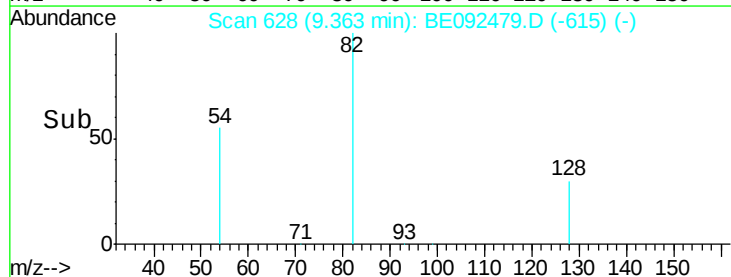
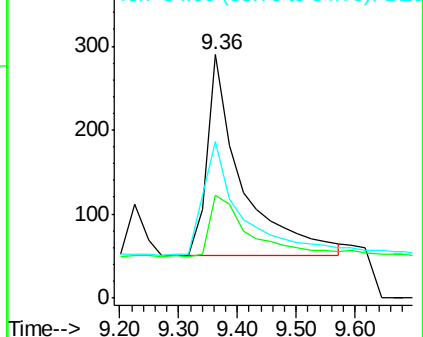
54 64.1 44.8 67.2

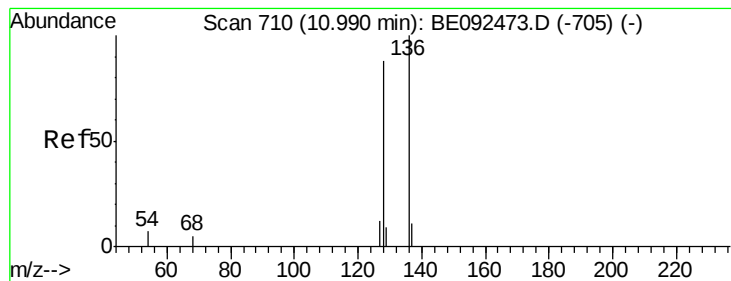


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

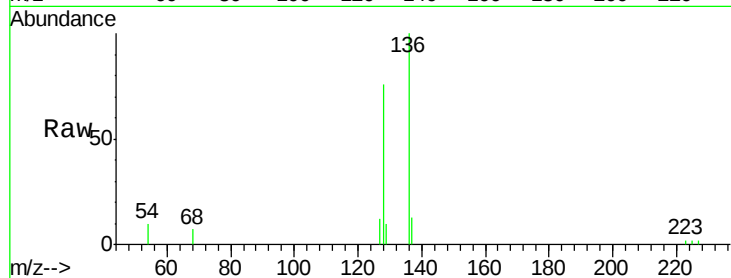
Tot Ion:128 Resp: 3790

Ion Ratio Lower Upper

128 100

129 13.2 11.2 16.8

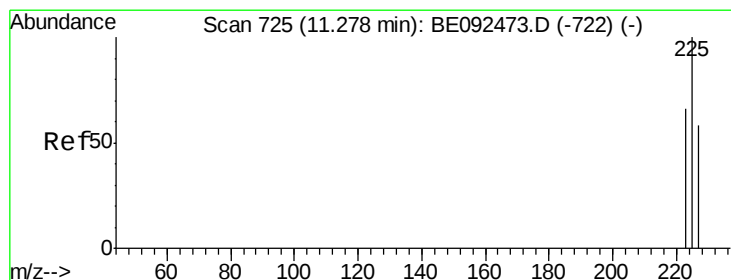
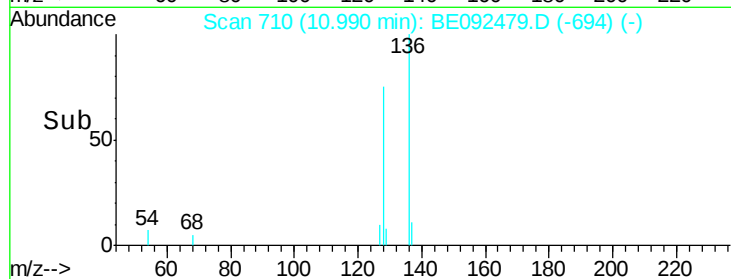
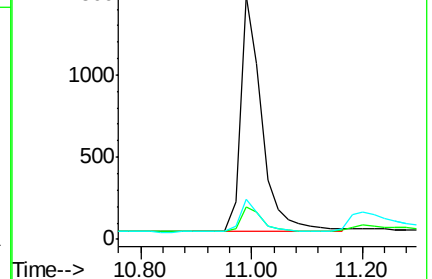
127 16.4 11.6 17.4



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: 0.39 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

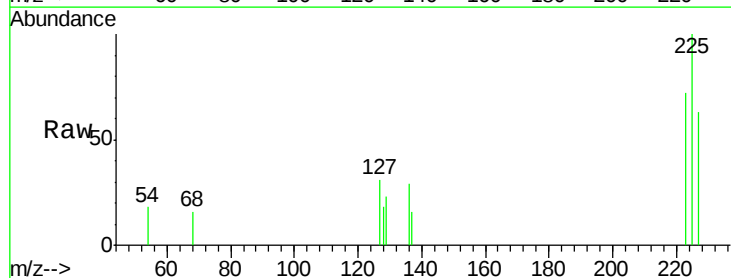
Tgt Ion:225 Resp: 597

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

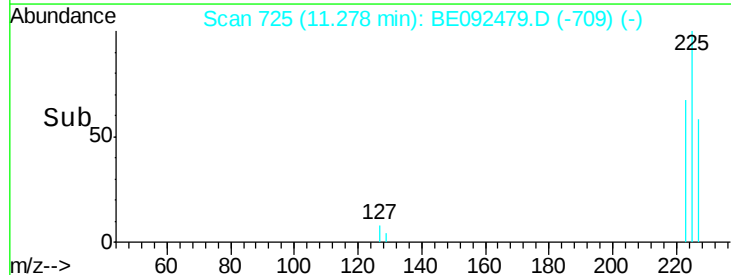
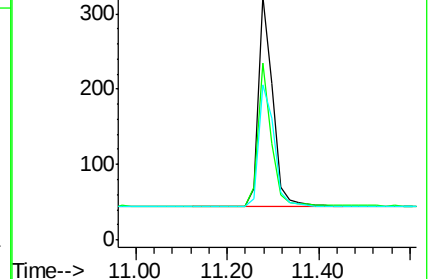
227 62.6 51.4 77.0

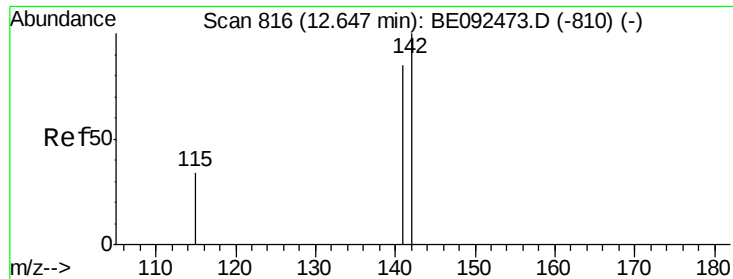


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

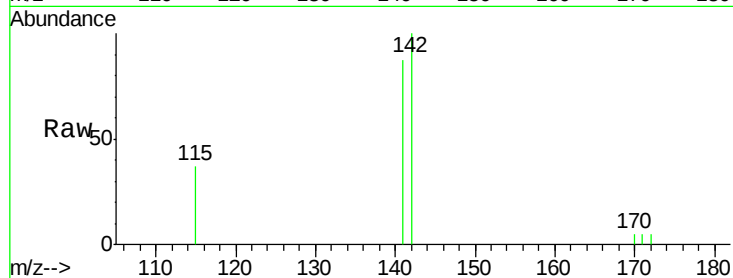




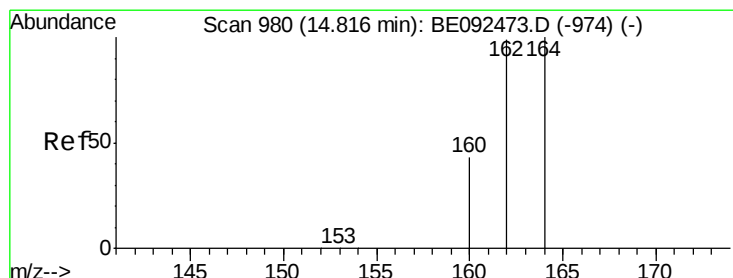
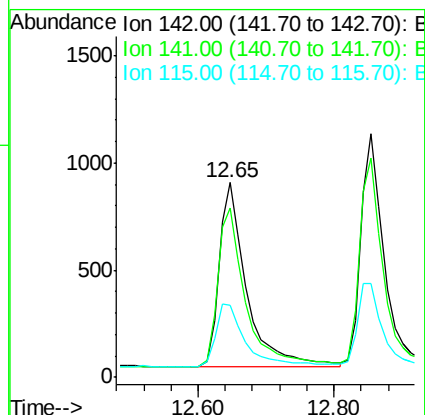
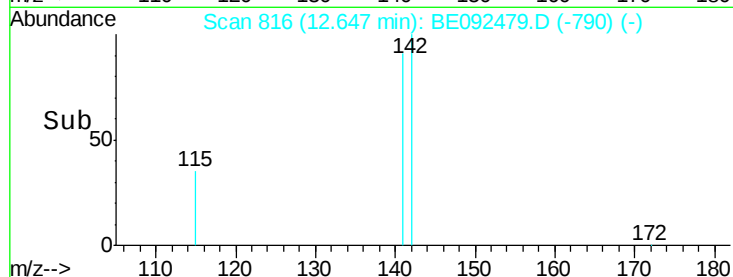
#11
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Instrument :
BNA_E
ClientSampleId :
ICVBE102516

Tot Ion:142 Resp: 2449
Ion Ratio Lower Upper
142 100
141 86.9 73.7 110.5
115 37.3 34.0 51.0

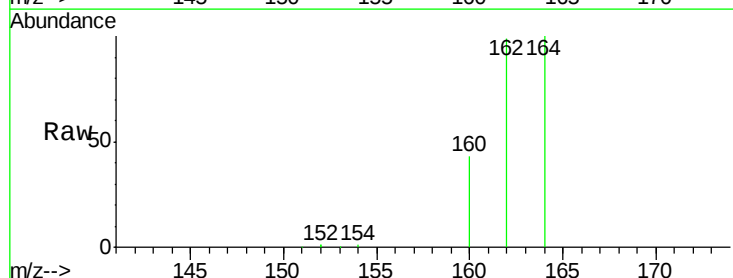


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

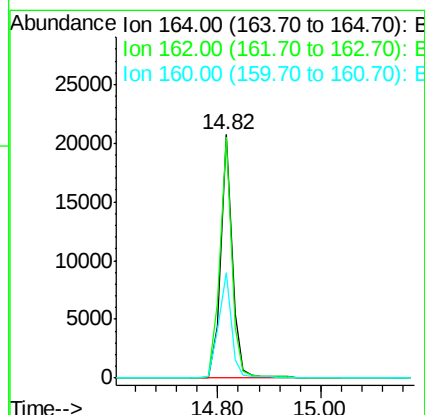
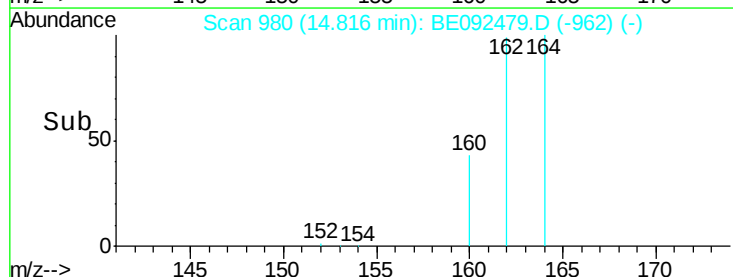


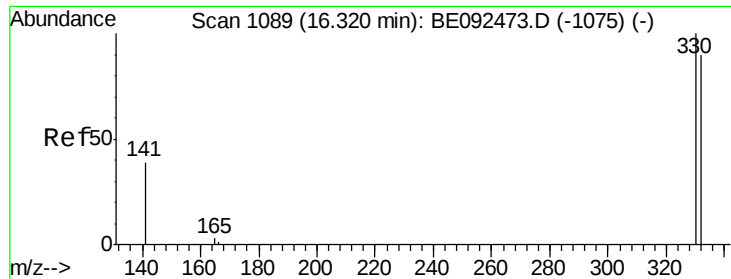
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Tgt Ion:164 Resp: 32636
Ion Ratio Lower Upper
164 100
162 98.9 71.4 107.0
160 43.4 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

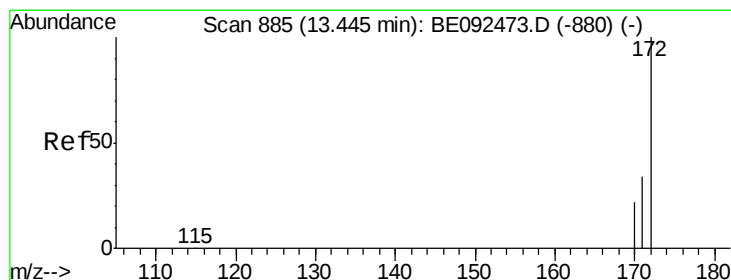
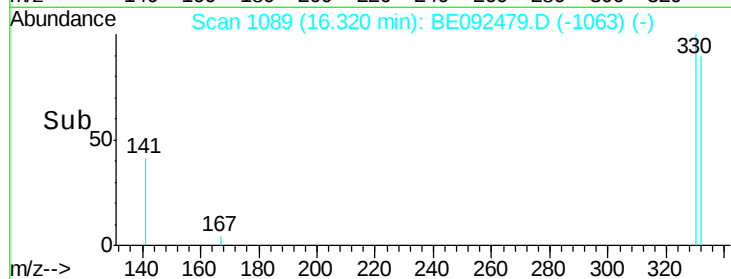
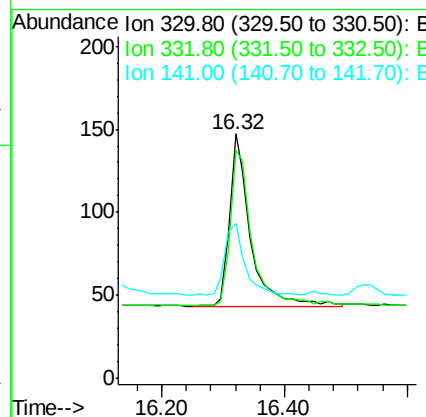
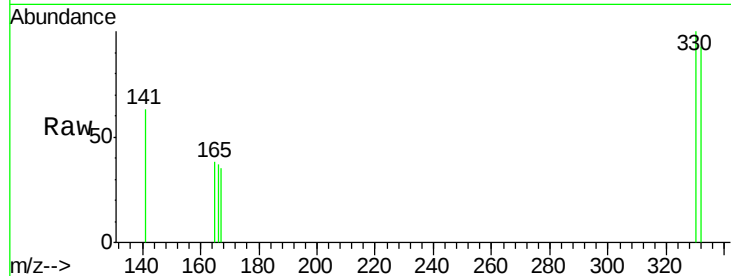




#13
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092479.D
 Acq: 25 Oct 2016 14:43

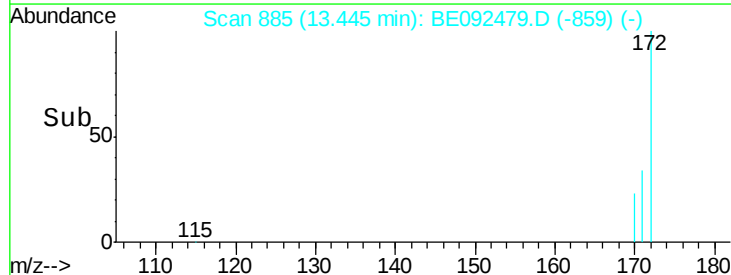
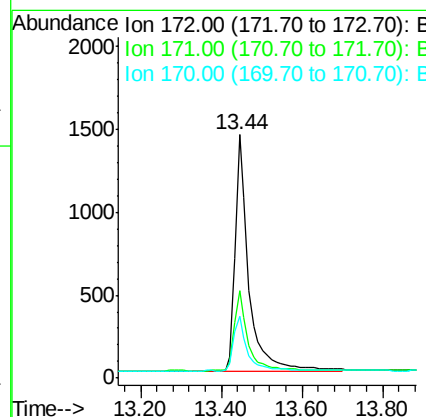
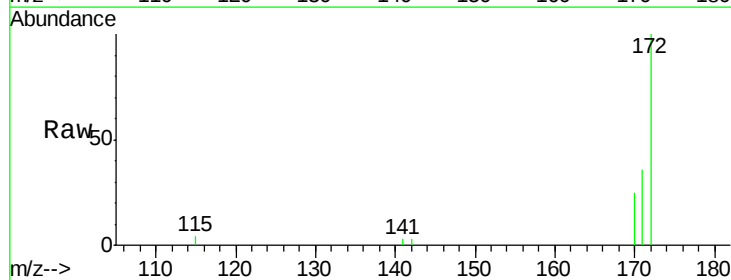
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102516

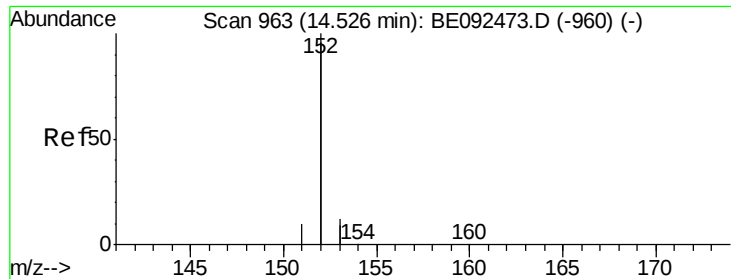
Tot Ion:330 Resp: 249
 Ion Ratio Lower Upper
 330 100
 332 98.8 75.4 113.0
 141 39.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.42 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092479.D
 Acq: 25 Oct 2016 14:43

Tgt Ion:172 Resp: 3305
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.1 45.1
 170 25.4 21.8 32.6





#15

Acenaphthylene

Concen: 0.40 ng

RT: 14.53 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

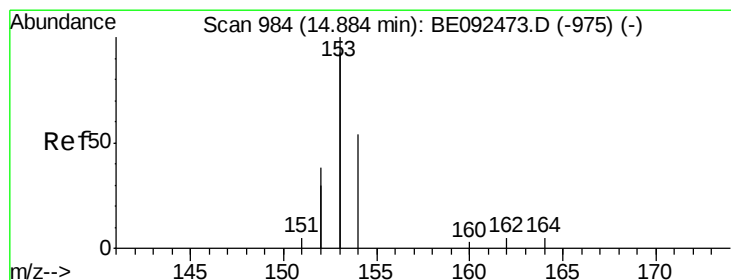
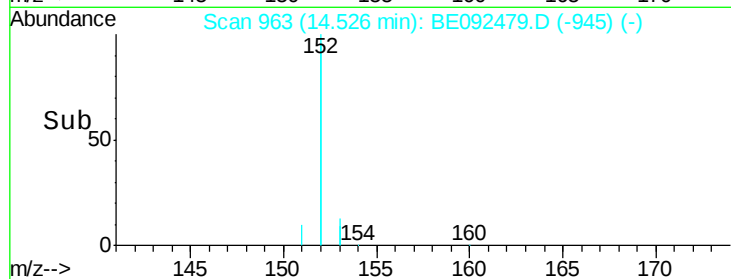
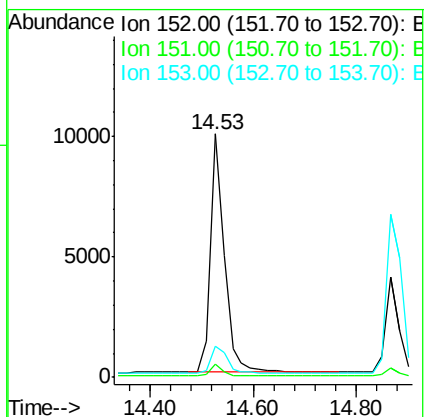
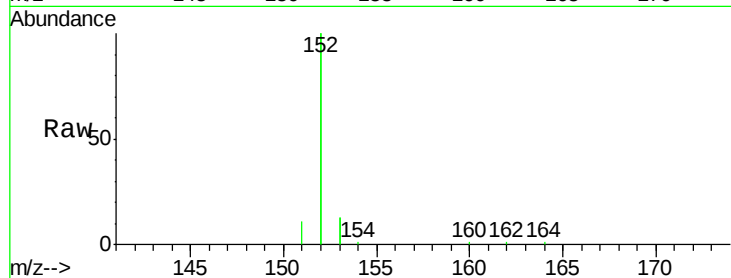
Tot Ion:152 Resp: 18465

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.1 10.4 15.6



#16

Acenaphthene

Concen: 0.41 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

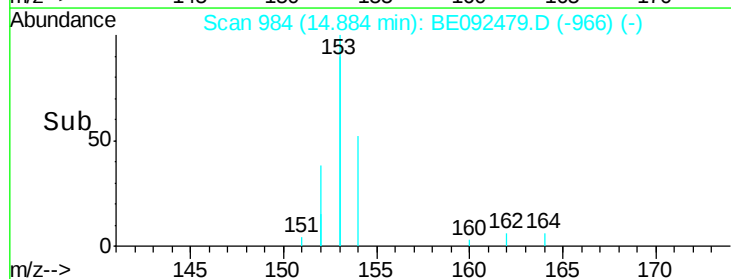
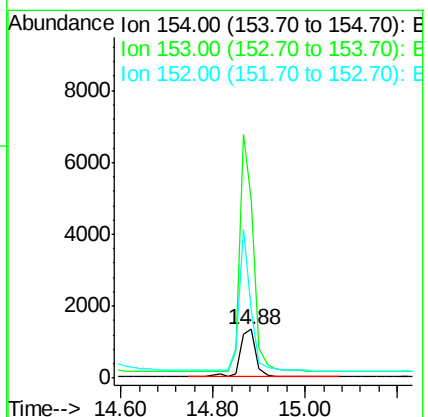
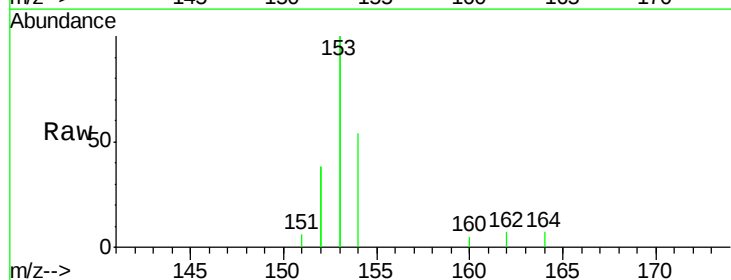
Tgt Ion:154 Resp: 3027

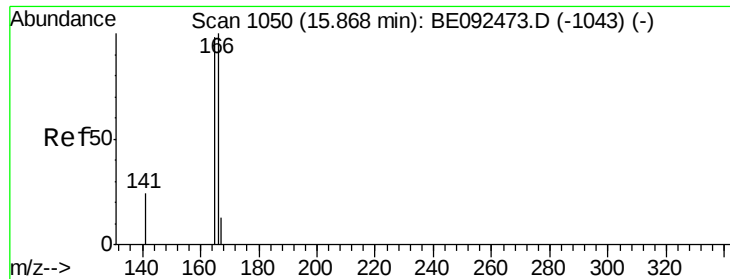
Ion Ratio Lower Upper

154 100

153 440.3 350.8 526.2

152 229.5 171.1 256.7





#17

Fluorene

Concen: 0.40 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

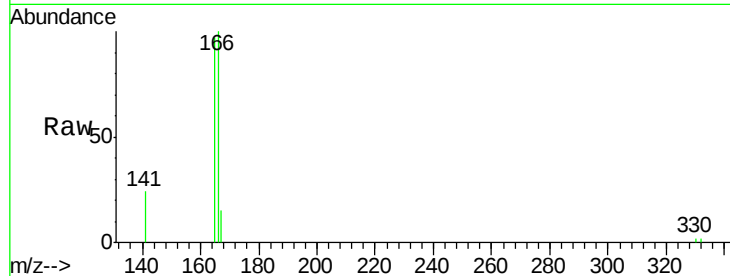
Tot Ion:166 Resp: 3594

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

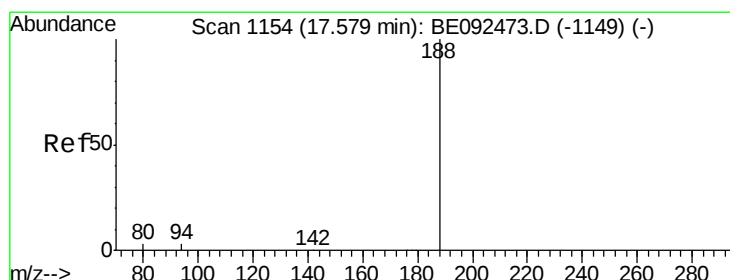
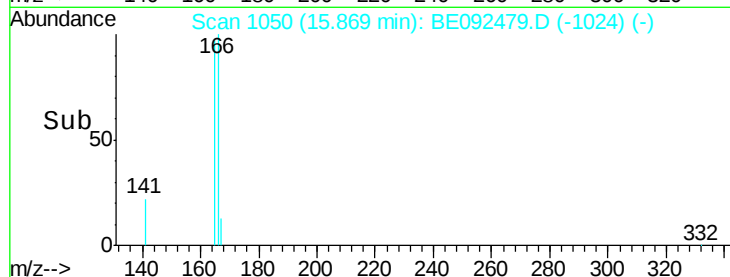
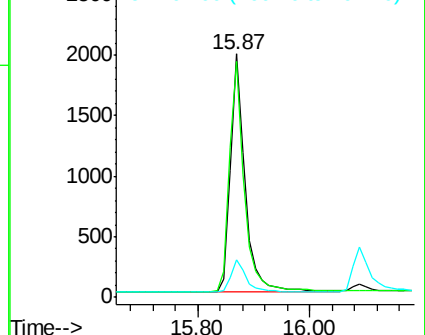
167 13.6 11.0 16.4



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. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

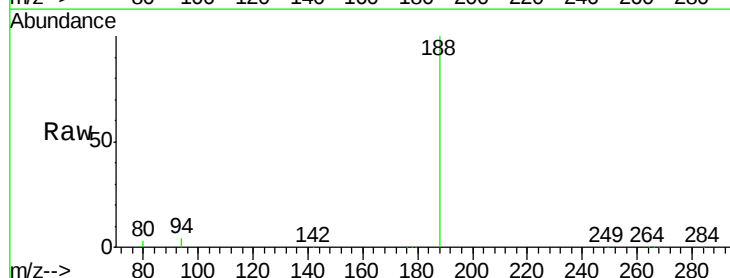
Tgt Ion:188 Resp: 64372

Ion Ratio Lower Upper

188 100

94 3.9 3.2 4.8

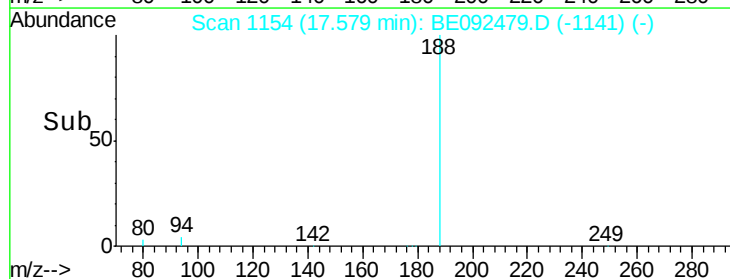
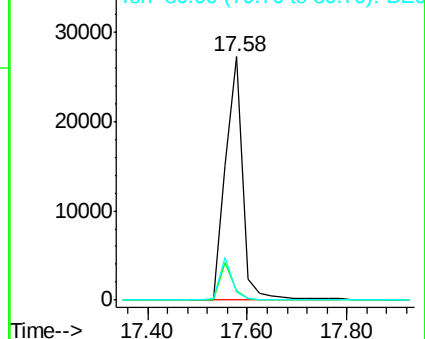
80 3.3 2.6 3.8

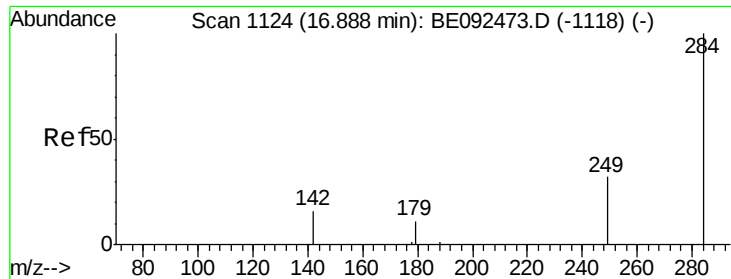


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

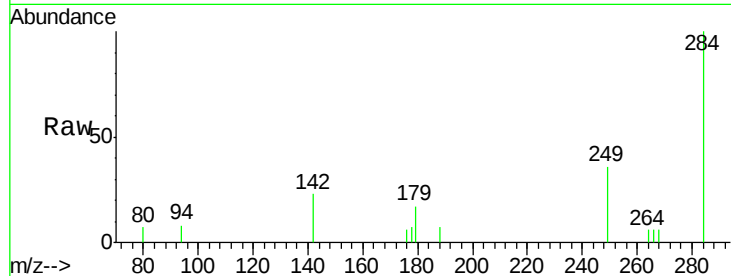




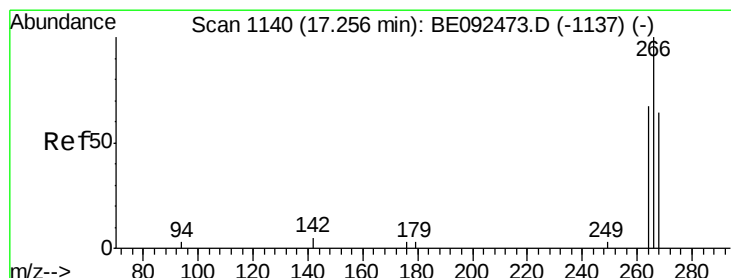
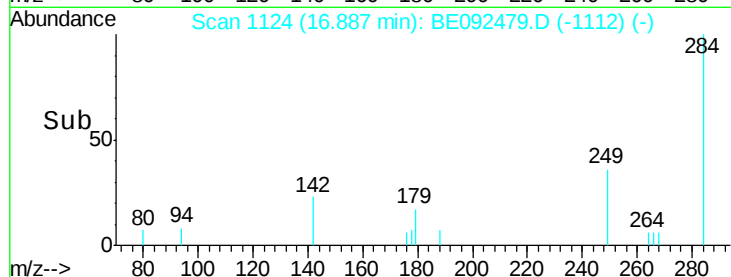
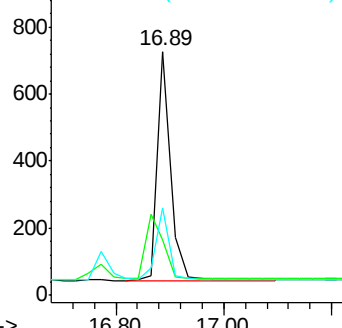
#19
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Instrument :
BNA_E
ClientSampleId :
ICVBE102516

Tot Ion:284 Resp: 1180
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 31.4 27.9 41.9

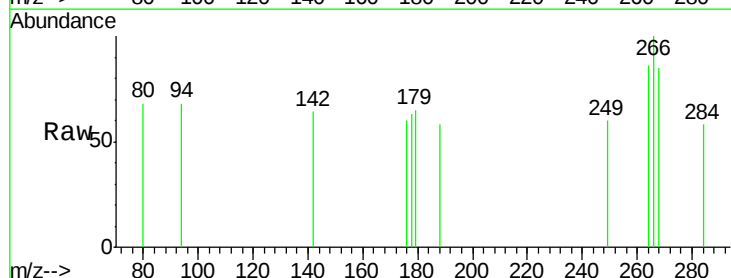


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

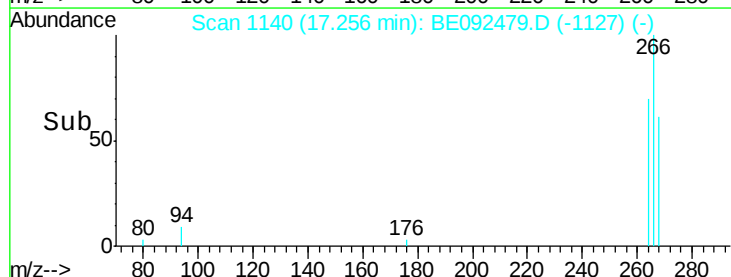
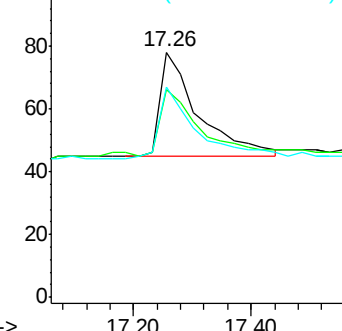


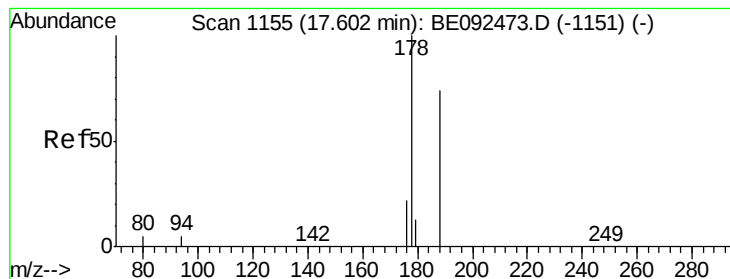
#20
Pentachlorophenol
Concen: 0.43 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Tgt Ion:266 Resp: 147
Ion Ratio Lower Upper
266 100
268 84.6 62.5 93.7
264 85.9 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: 0.38 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

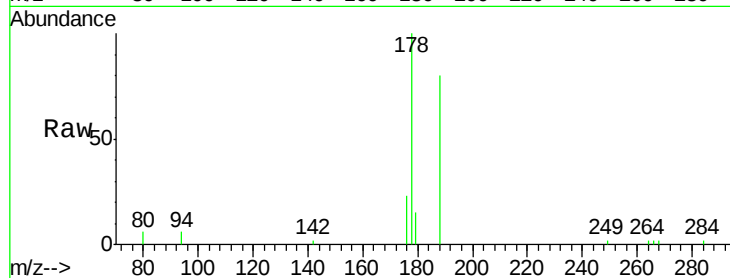
Tot Ion:178 Resp: 6376

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

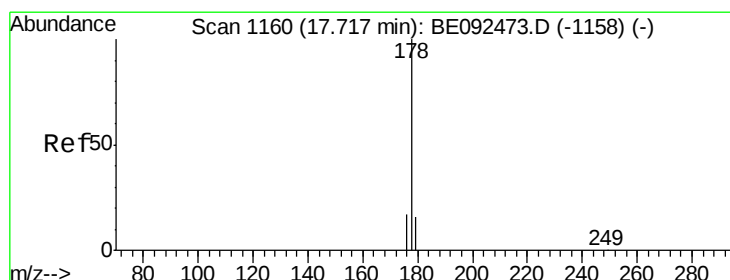
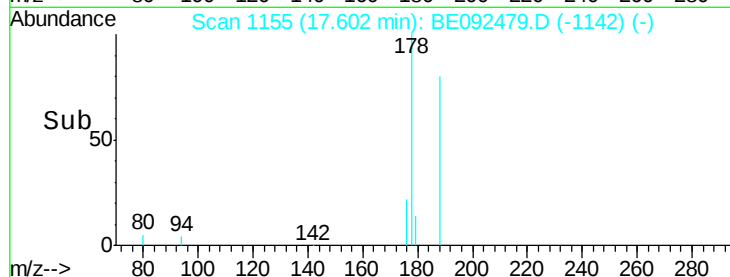
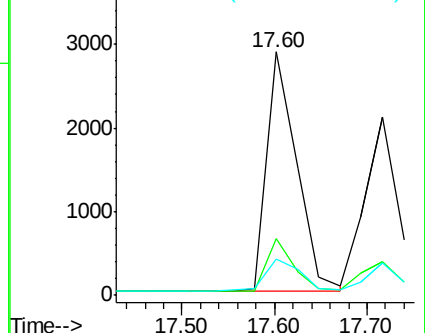
179 15.8 16.0 24.0#



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: 0.37 ng

RT: 17.72 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

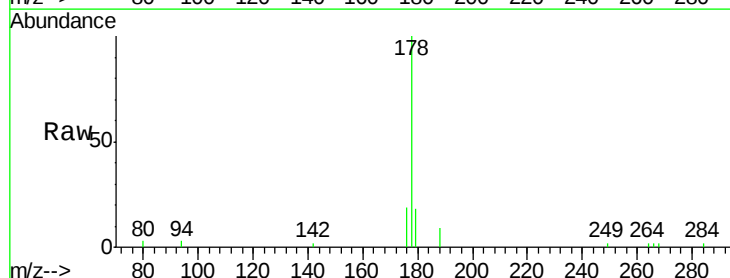
Tgt Ion:178 Resp: 5530

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

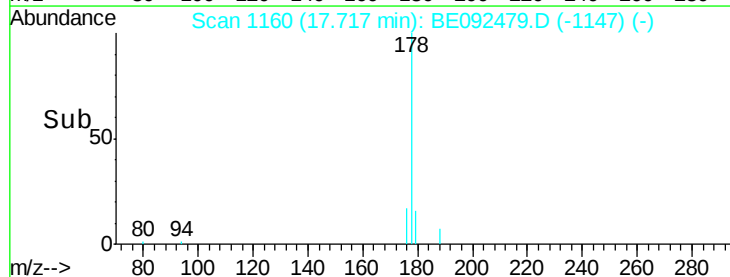
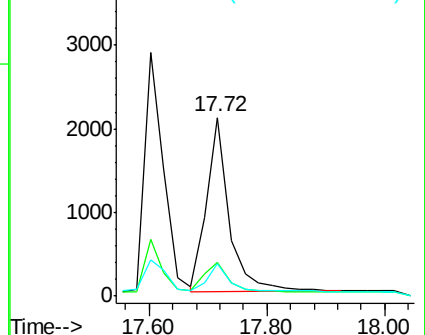
179 15.9 12.2 18.2

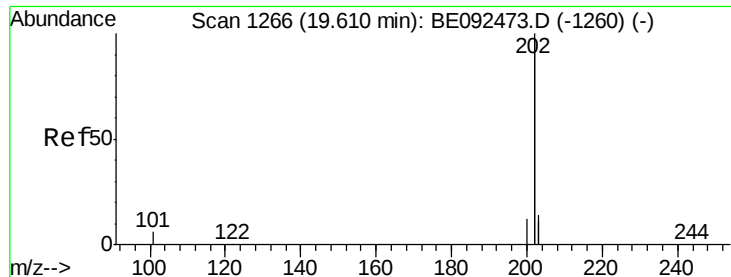


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.39 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

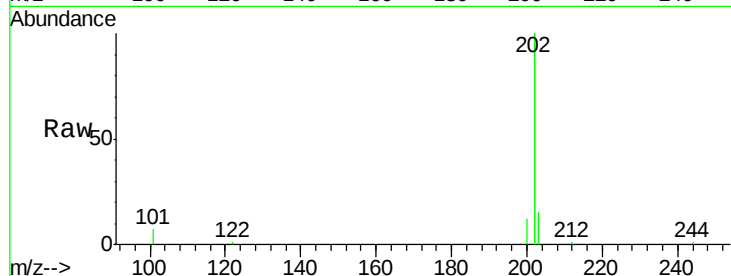
Tot Ion:202 Resp: 25746

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

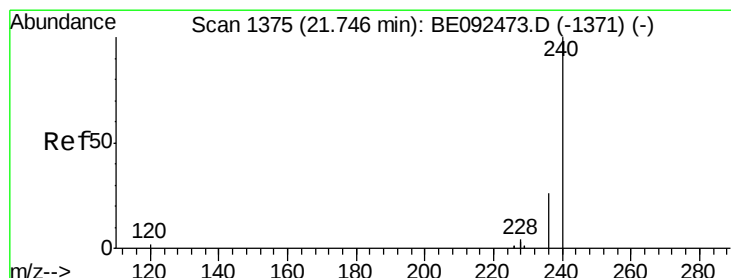
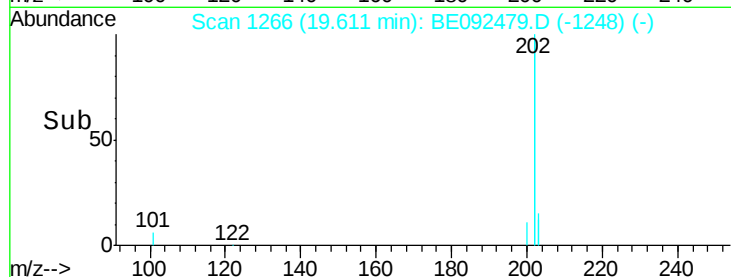
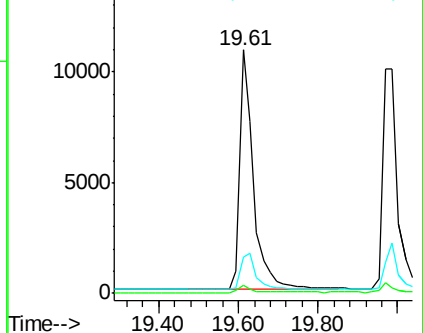
203 17.2 13.7 20.5



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: BE092479.D

Acq: 25 Oct 2016 14:43

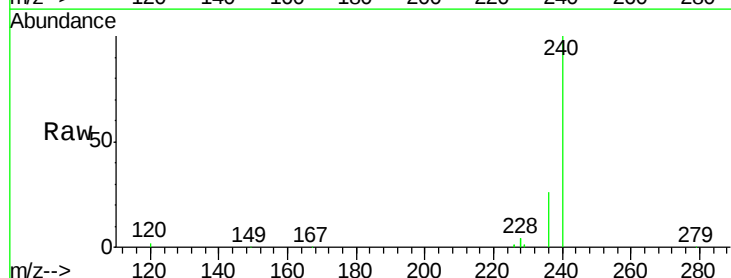
Tgt Ion:240 Resp: 77855

Ion Ratio Lower Upper

240 100

120 2.3 2.6 4.0#

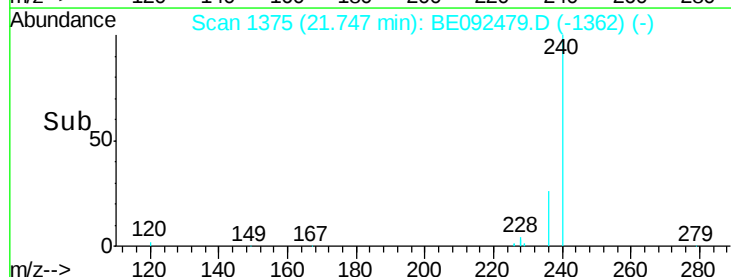
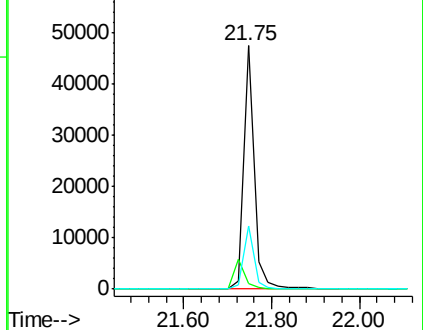
236 25.9 24.6 37.0

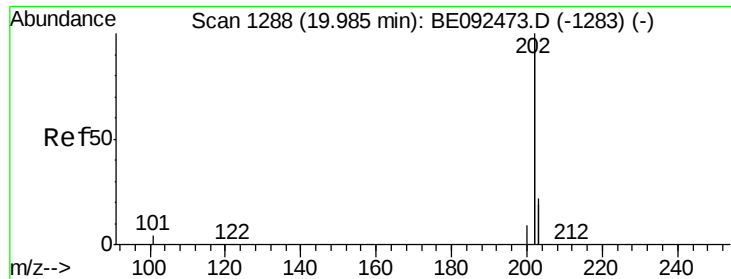


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

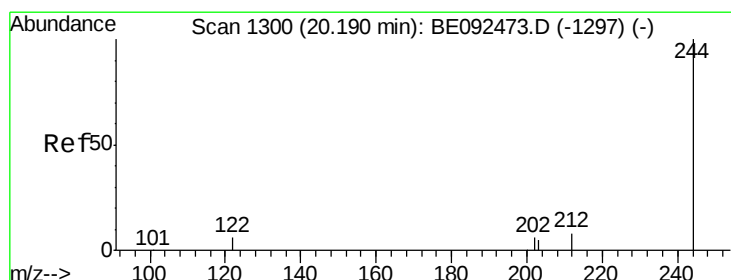
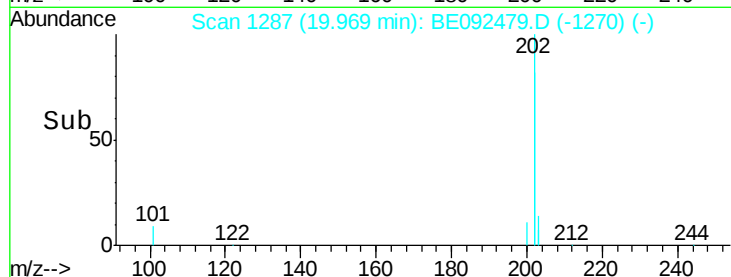
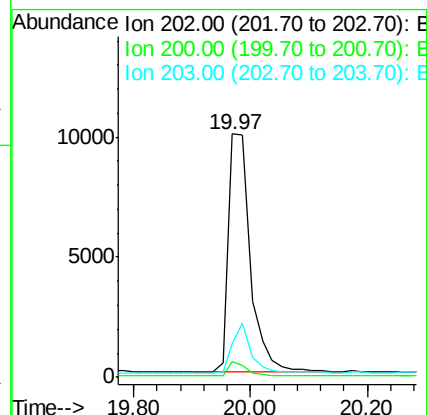
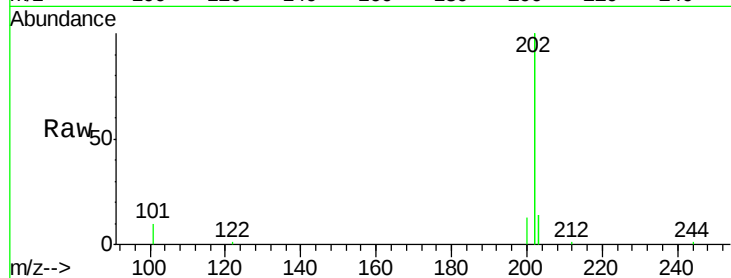




#25
Pvrene
Concen: 0.39 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

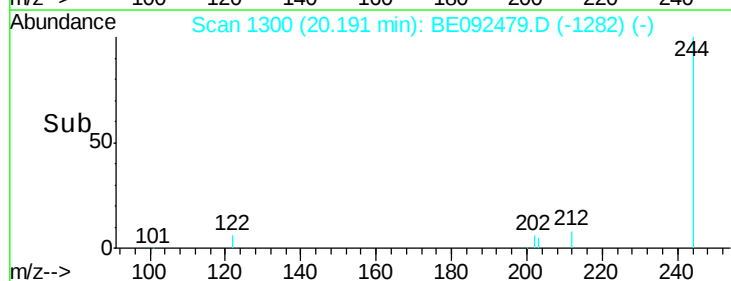
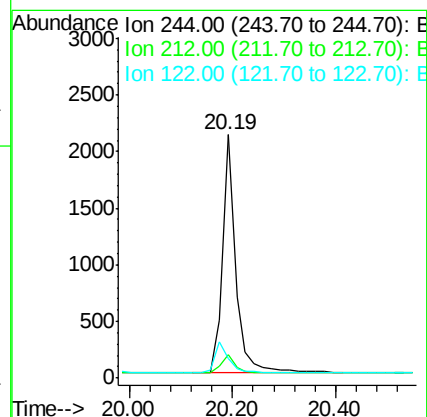
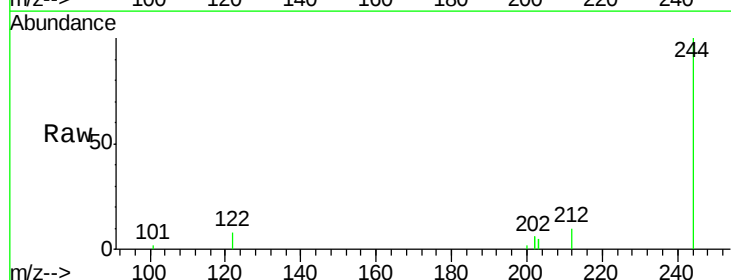
Instrument :
BNA_E
ClientSampleId :
ICVBE102516

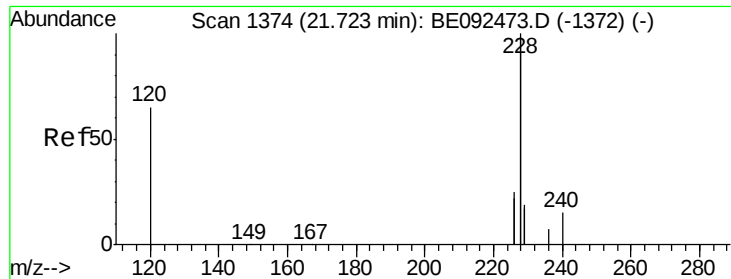
Tot Ion:202 Resp: 26223
Ion Ratio Lower Upper
202 100
200 5.2 4.2 6.4
203 17.4 13.9 20.9



#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Tgt Ion:244 Resp: 3825
Ion Ratio Lower Upper
244 100
212 9.8 6.7 10.1
122 8.1 3.6 5.4#

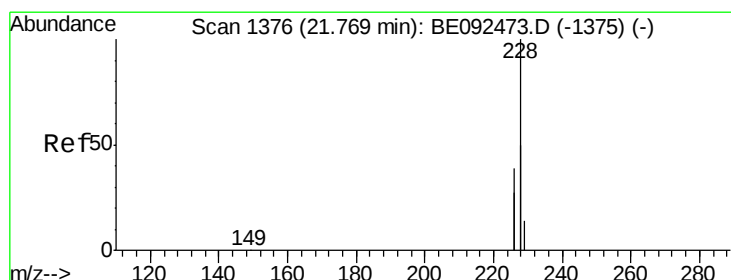
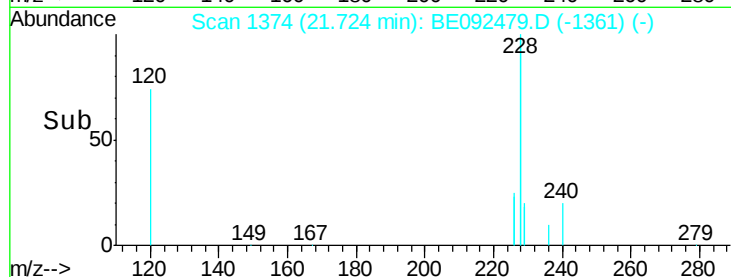
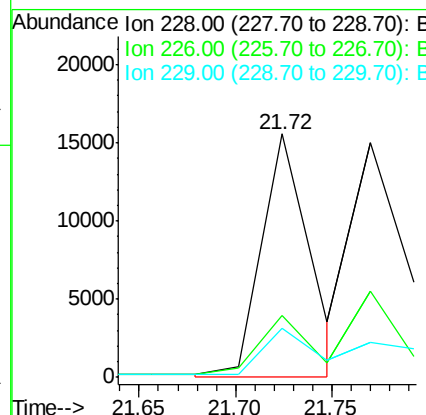
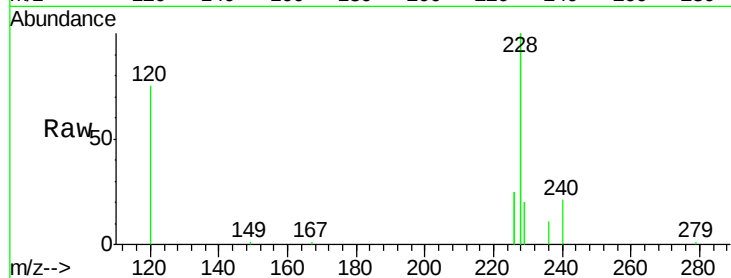




#27
Benzo(a)anthracene
Concen: 0.37 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

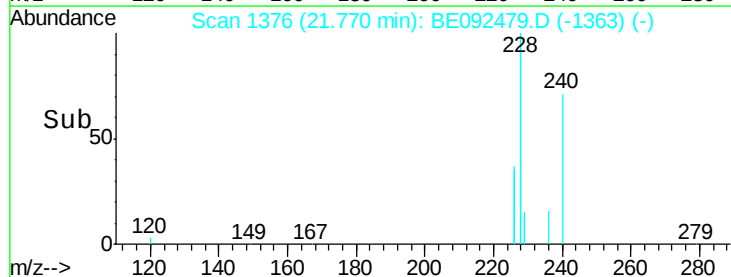
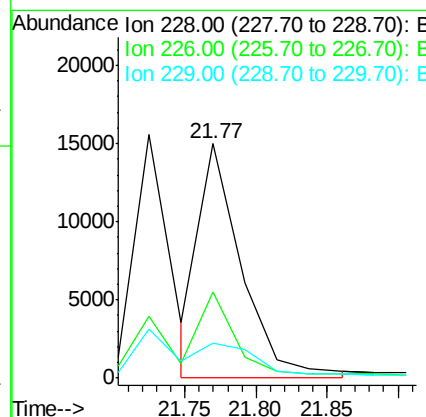
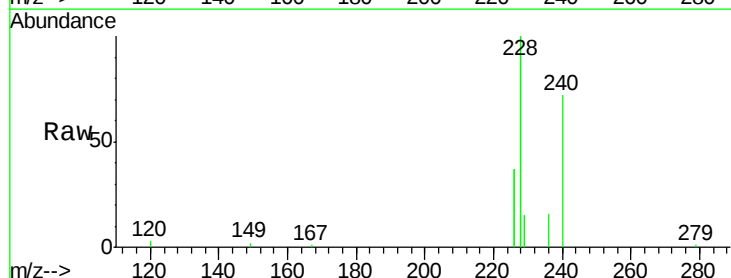
Instrument :
BNA_E
ClientSampleId :
ICVBE102516

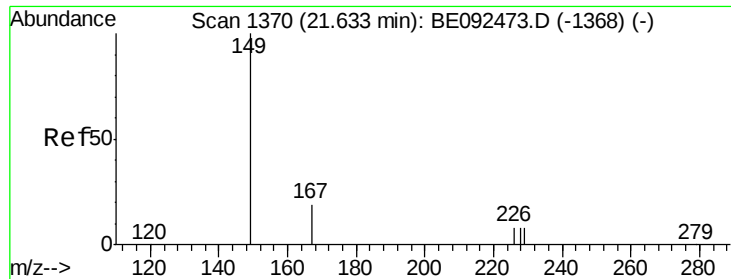
Tot Ion:228 Resp: 26868
Ion Ratio Lower Upper
228 100
226 25.4 23.6 35.4
229 20.1 13.3 19.9#



#28
Chrysene
Concen: 0.42 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Tgt Ion:228 Resp: 31721
Ion Ratio Lower Upper
228 100
226 37.0 36.3 54.5
229 15.0 10.6 16.0

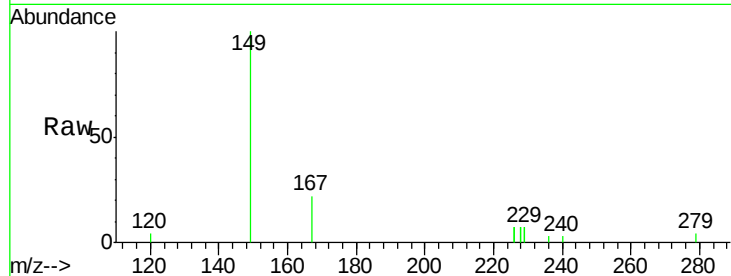




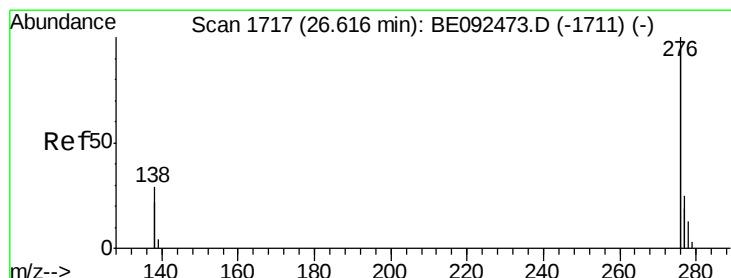
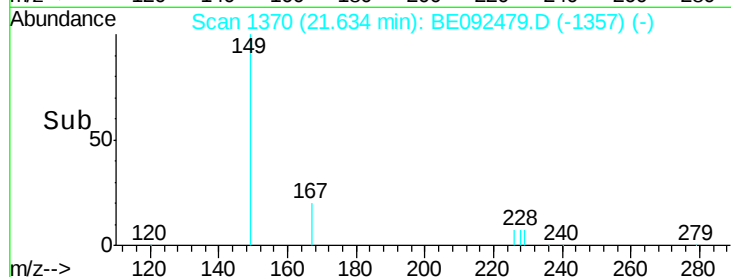
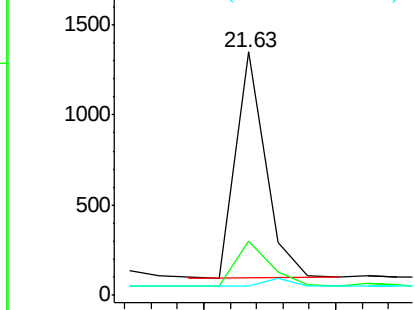
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.45 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092479.D
 Acq: 25 Oct 2016 14:43

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE102516

Tot Ion:149 Resp: 1996
 Ion Ratio Lower Upper
 149 100
 167 23.2 16.0 24.0
 279 0.0 16.0 24.0#

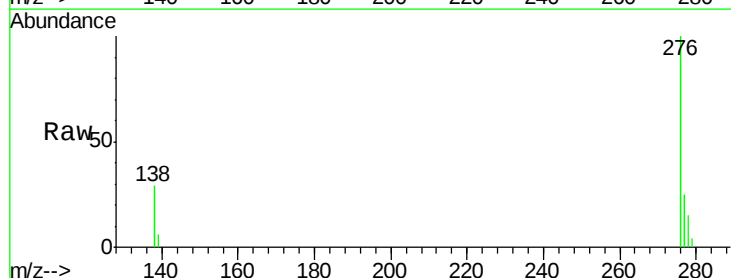


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

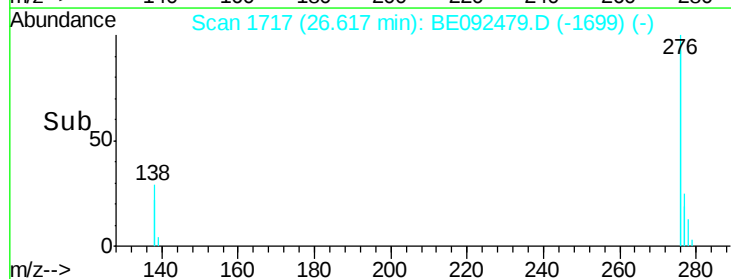
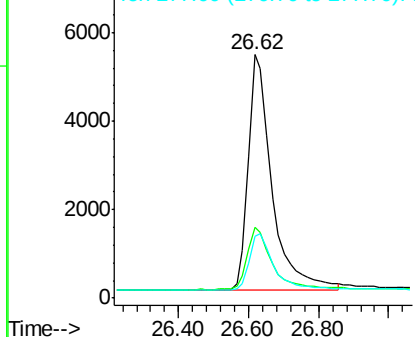


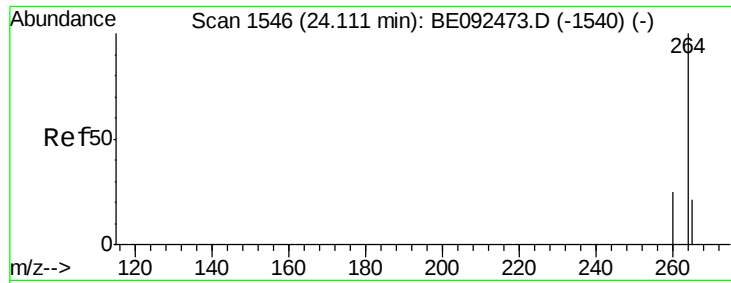
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng
 RT: 26.62 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BE092479.D
 Acq: 25 Oct 2016 14:43

Tgt Ion:276 Resp: 25112
 Ion Ratio Lower Upper
 276 100
 138 27.5 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

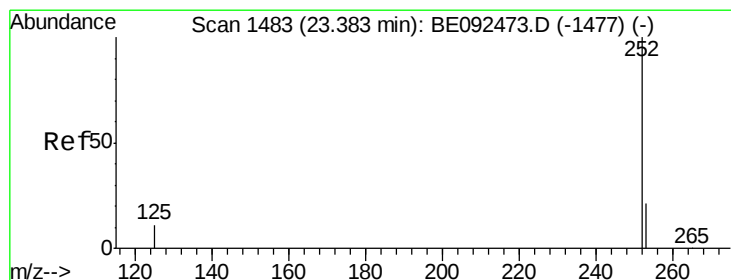
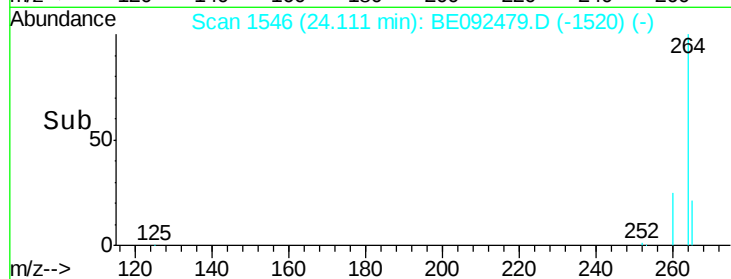
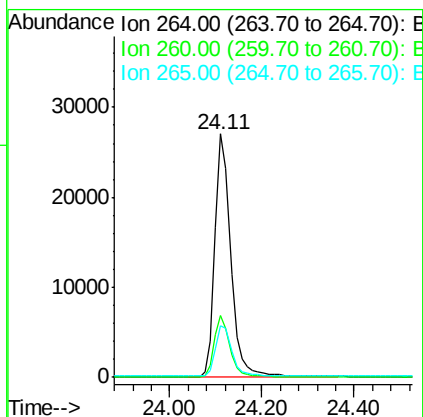
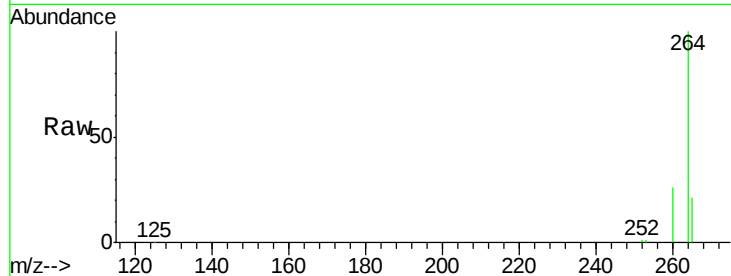




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

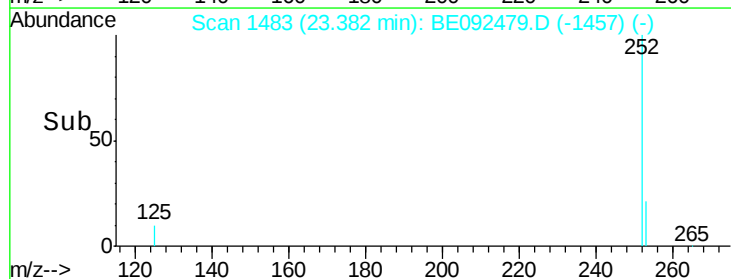
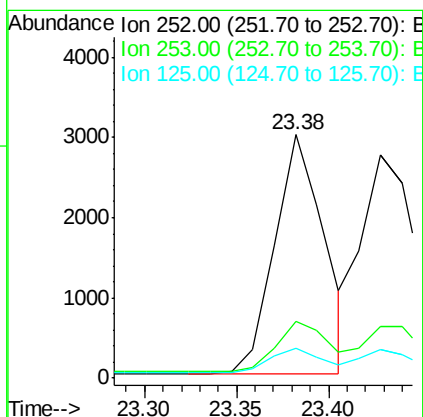
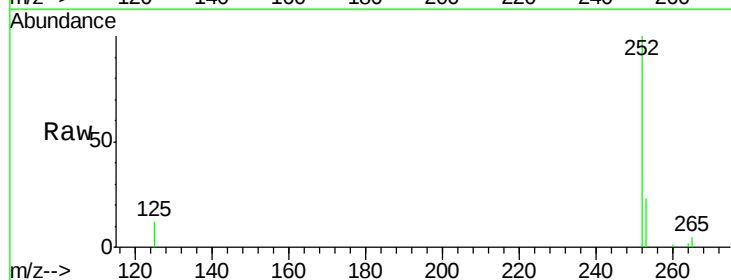
Instrument :
BNA_E
ClientSampleId :
ICVBE102516

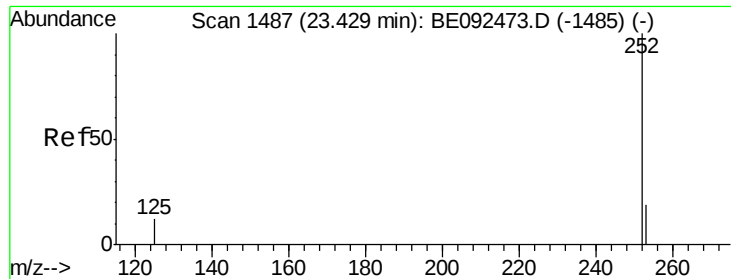
Tot Ion:264 Resp: 65558
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 21.4 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Tgt Ion:252 Resp: 5573
Ion Ratio Lower Upper
252 100
253 23.5 18.7 28.1
125 12.4 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

Instrument :

BNA_E

ClientSampleId :

ICVBE102516

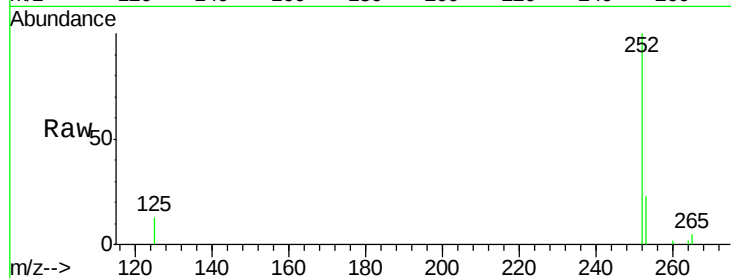
Tot Ion:252 Resp: 6568

Ion Ratio Lower Upper

252 100

253 23.4 20.3 30.5

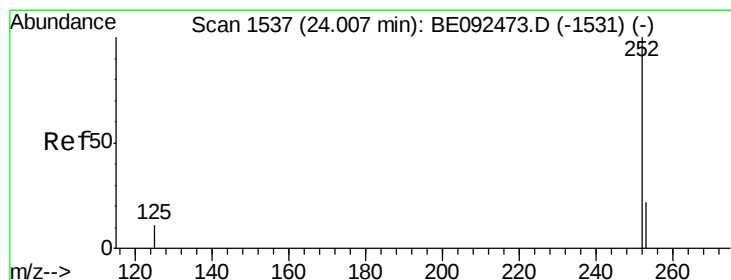
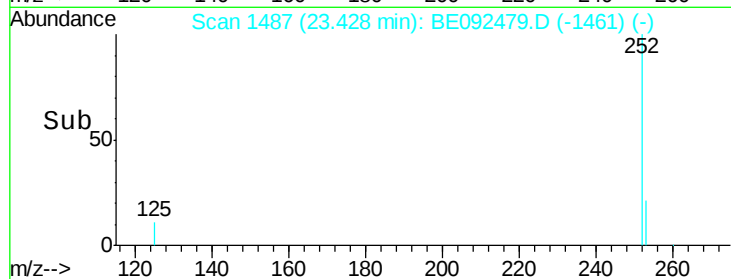
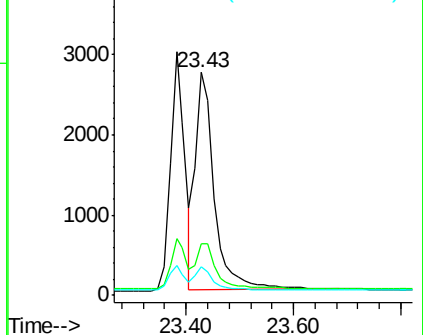
125 12.8 9.6 14.4



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: 0.35 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE092479.D

Acq: 25 Oct 2016 14:43

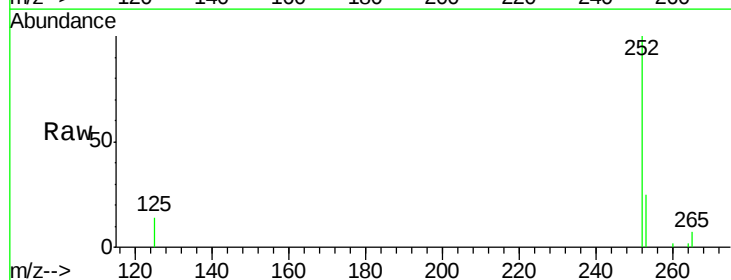
Tgt Ion:252 Resp: 5128

Ion Ratio Lower Upper

252 100

253 25.2 19.0 28.6

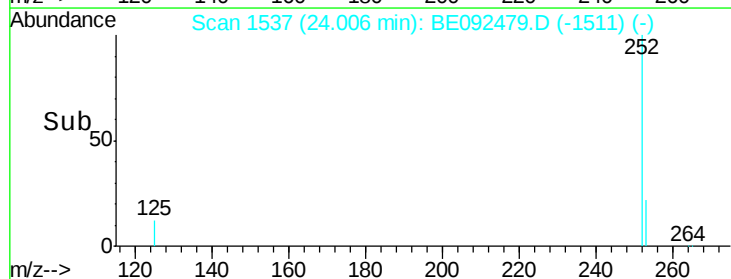
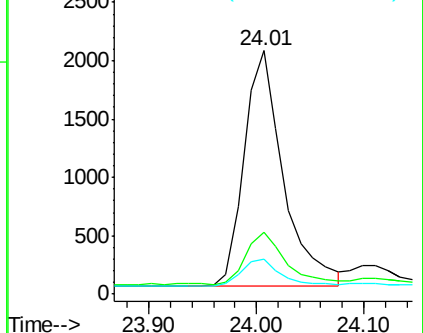
125 14.4 11.8 17.8

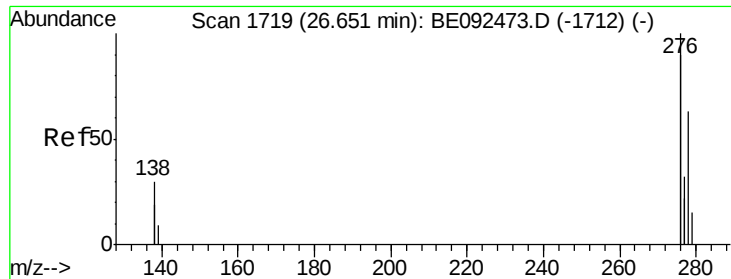


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

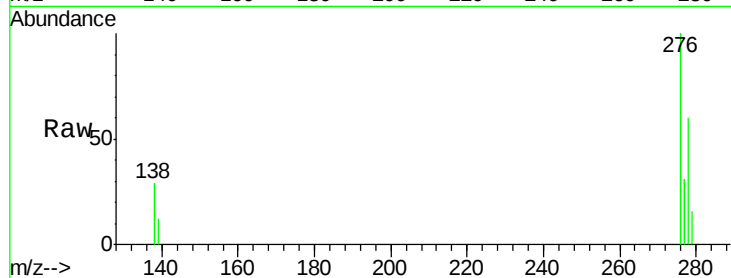




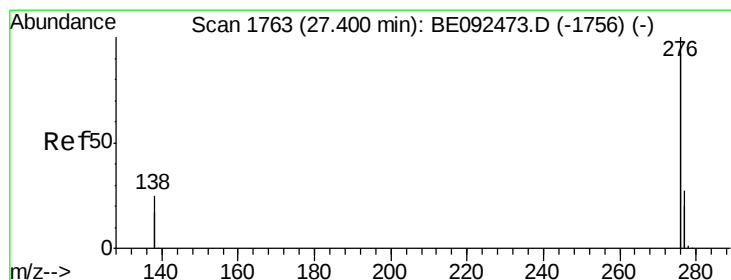
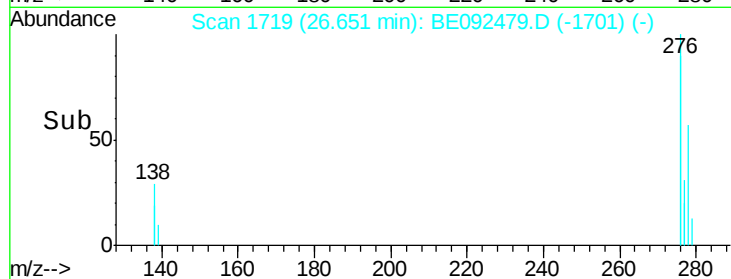
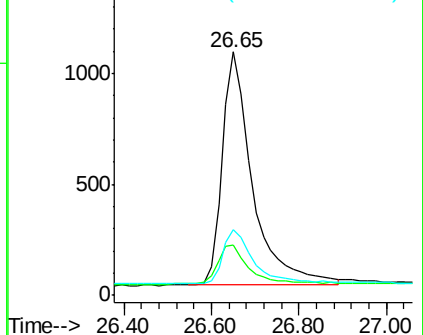
#35
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Instrument :
BNA_E
ClientSampleId :
ICVBE102516

Tot Ion:278 Resp: 5075
Ion Ratio Lower Upper
278 100
139 20.5 13.8 20.8
279 27.0 21.4 32.2

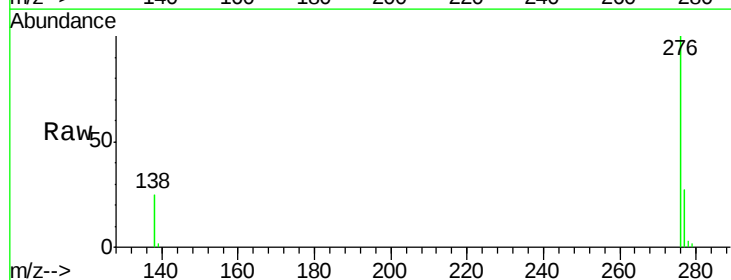


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.40 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BE092479.D
Acq: 25 Oct 2016 14:43

Tgt Ion:276 Resp: 22508
Ion Ratio Lower Upper
276 100
277 26.7 19.8 29.8
138 25.5 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

