

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041218\
 Data File : BE095984.D
 Acq On : 12 Apr 2018 9:51
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 13:55:19 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 13:55:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1264	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4767	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2660	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6308	0.40	ng	0.00
27) Chrysene-d12	21.78	240	7065	0.40	ng	0.00
34) Perylene-d12	24.39	264	6564	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	1444	0.37	ng	0.00
5) Phenol-d6	7.53	99	1973	0.37	ng	0.00
8) Nitrobenzene-d5	9.57	82	2062	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	2953	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	457	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	4312	0.38	ng	0.00
25) Fluoranthene-d10	19.66	212	32448	0.38	ng	0.00
29) Terphenyl-d14	20.22	244	5906	0.38	ng	0.00

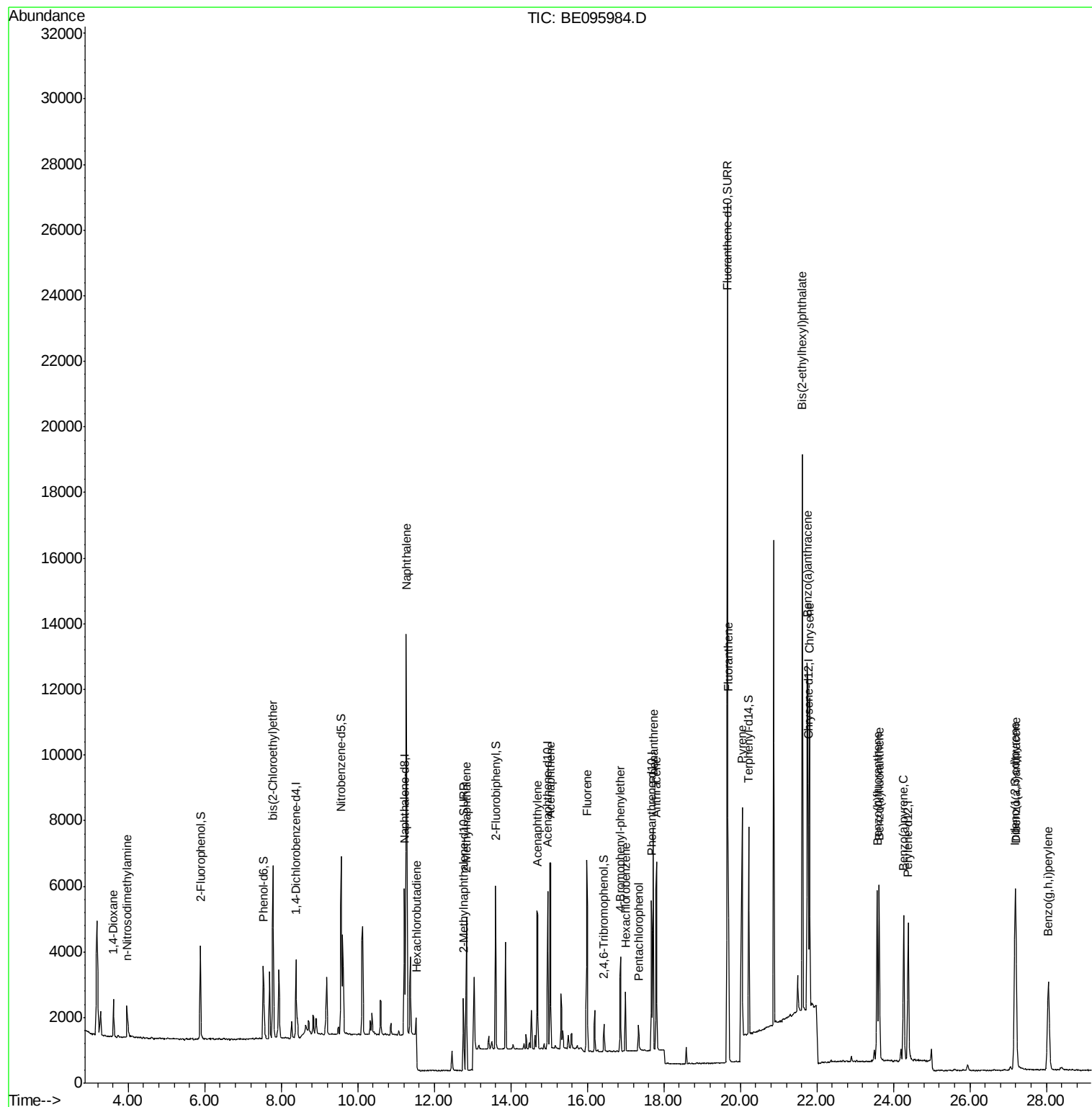
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.62	88	738	0.378	ng	93
3) n-Nitrosodimethylamine	3.97	42	835	0.349	ng	85
6) bis(2-Chloroethyl)ether	7.78	93	1791	0.377	ng	93
9) Naphthalene	11.27	128	19012	0.378	ng	100
10) Hexachlorobutadiene	11.53	225	932	0.418	ng	90
12) 2-Methylnaphthalene	12.84	142	3128	0.376	ng	95
16) Acenaphthylene	14.69	152	5279	0.372	ng	100
17) Acenaphthene	15.04	154	3201	0.375	ng	96
18) Fluorene	15.99	166	3987	0.377	ng	# 79
20) 4-Bromophenyl-phenylether	16.87	248	1442	0.385	ng	# 86
21) Hexachlorobenzene	17.00	284	1406	0.377	ng	# 82
22) Pentachlorophenol	17.33	266	461	0.403	ng	# 76
23) Phenanthrene	17.72	178	6658	0.376	ng	99
24) Anthracene	17.81	178	6530	0.386	ng	95
26) Fluoranthene	19.69	202	8708	0.374	ng	98
28) Pyrene	20.05	202	5075	0.365	ng	98
30) Benzo(a)anthracene	21.75	228	8713	0.385	ng	97
31) Chrysene	21.81	228	8124	0.371	ng	100
32) Bis(2-ethylhexyl)phthalate	21.62	149	22265	0.381	ng	100
33) Indeno(1,2,3-cd)pyrene	27.18	276	8005	0.377	ng	95
35) Benzo(b)fluoranthene	23.58	252	7644	0.388	ng	# 92
36) Benzo(k)fluoranthene	23.63	252	7635	0.377	ng	# 93
37) Benzo(a)pyrene	24.27	252	7214	0.381	ng	# 92
38) Dibenzo(a,h)anthracene	27.20	278	6506	0.390	ng	97
39) Benzo(g,h,i)perylene	28.05	276	6823	0.387	ng	# 91

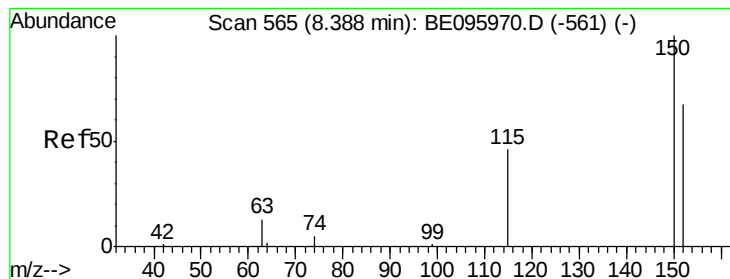
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 12 13:55:20 2018
Response via : Initial Calibration

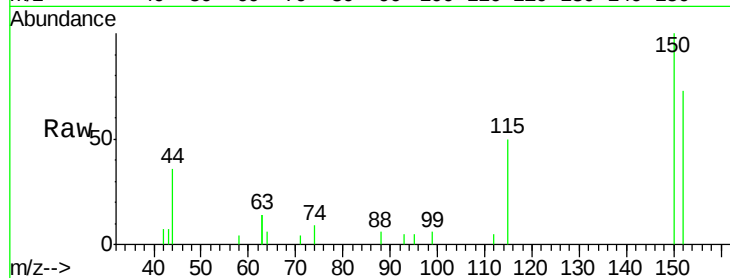




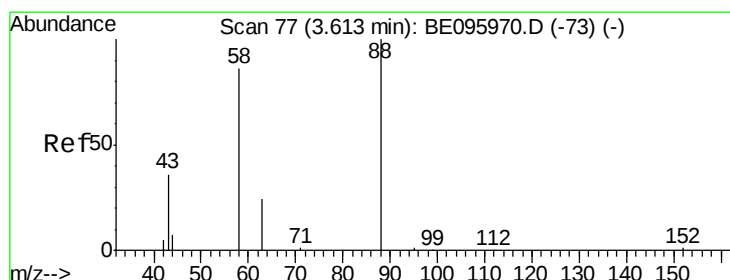
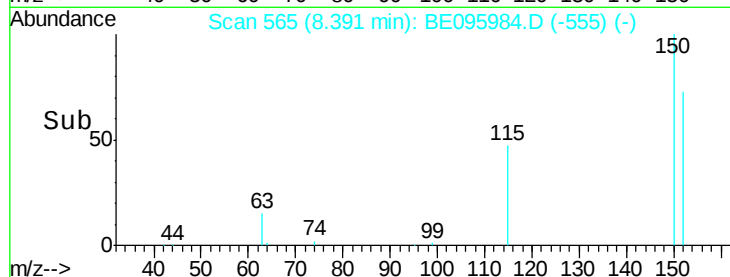
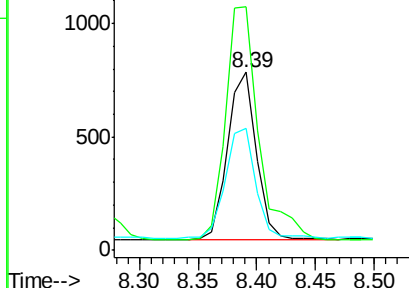
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.39 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BE095984.D
 Acq: 12 Apr 2018 9:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1264
 Ion Ratio Lower Upper
 152 100
 150 136.7 117.2 175.8
 115 68.2 57.0 85.6

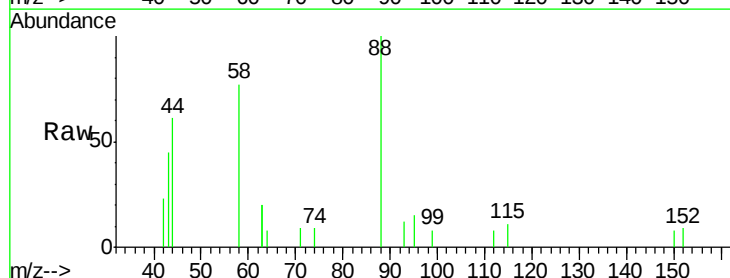


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

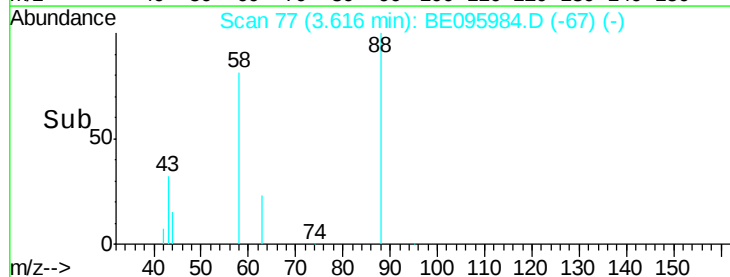
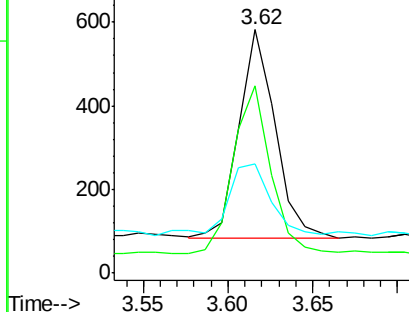


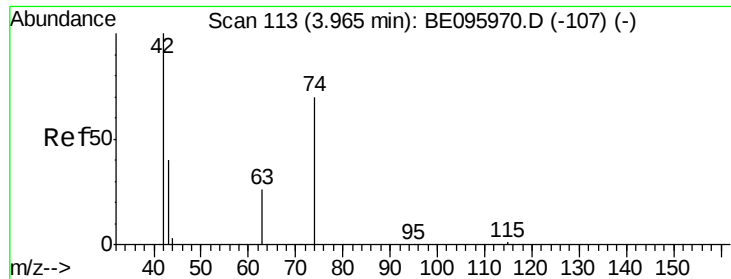
#2
 1,4-Dioxane
 Concen: 0.378 ng
 RT: 3.62 min Scan# 77
 Delta R.T. 0.00 min
 Lab File: BE095984.D
 Acq: 12 Apr 2018 9:51

Tgt Ion: 88 Resp: 738
 Ion Ratio Lower Upper
 88 100
 58 82.4 63.2 94.8
 43 42.7 41.2 61.8



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



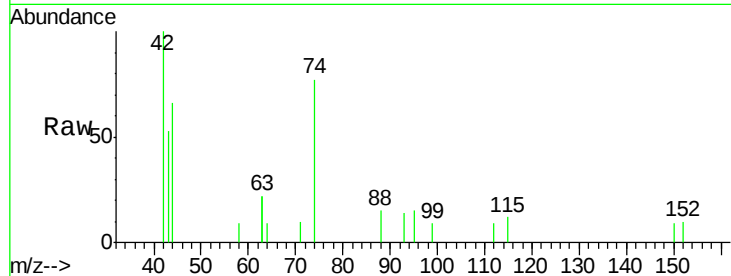


#3

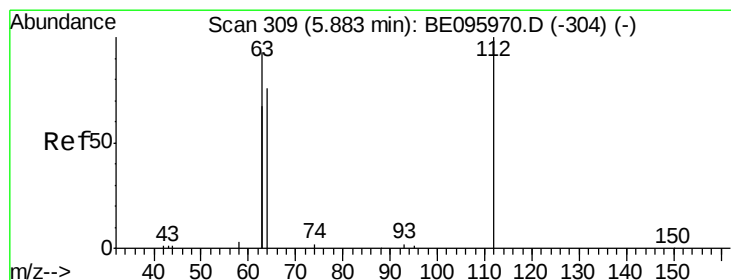
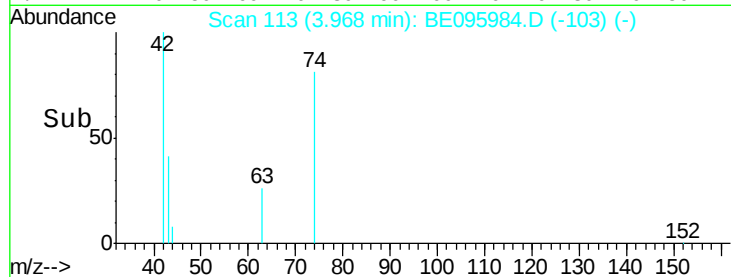
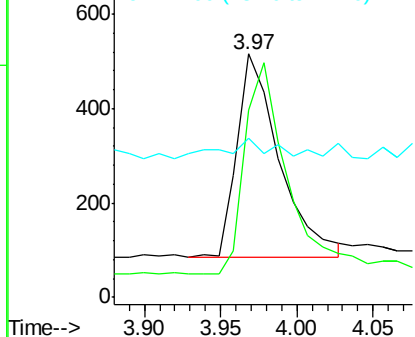
n-Nitrosodimethylamine
 Concen: 0.349 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BE095984.D
 Acq: 12 Apr 2018 9:51

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 835
 Ion Ratio Lower Upper
 42 100
 74 102.8 96.0 144.0
 44 12.2 12.0 18.0



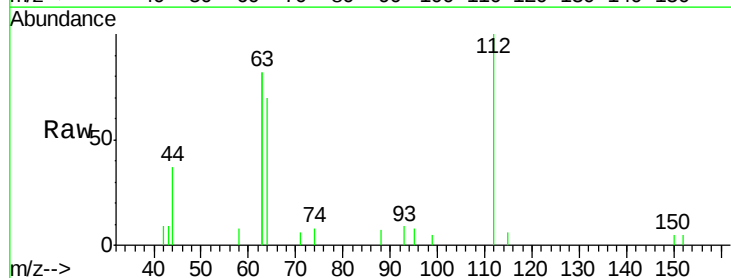
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



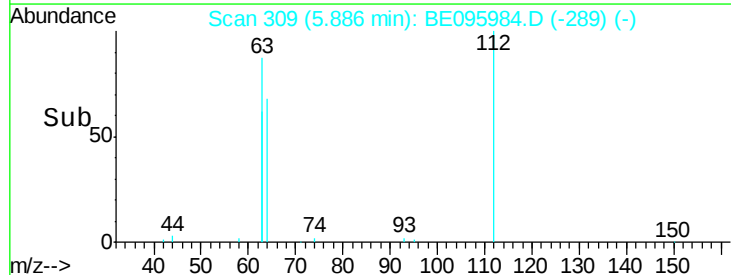
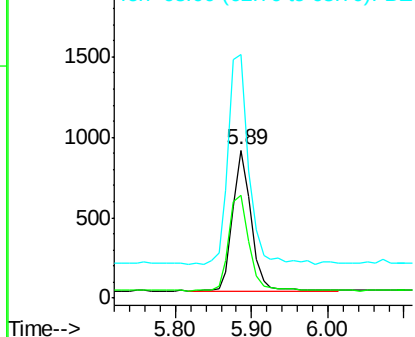
#4

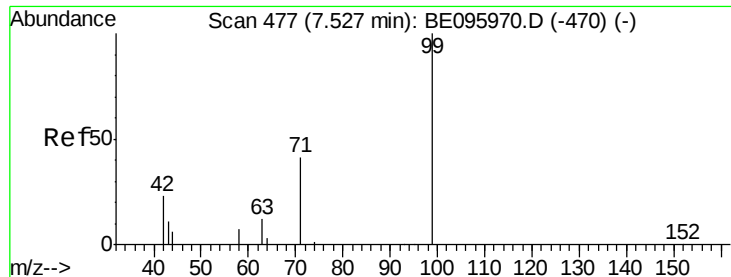
2-Fluorophenol
 Concen: 0.369 ng
 RT: 5.89 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BE095984.D
 Acq: 12 Apr 2018 9:51

Tgt Ion: 112 Resp: 1444
 Ion Ratio Lower Upper
 112 100
 64 76.0 60.1 90.1
 63 168.4 116.8 175.2



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: 0.366 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

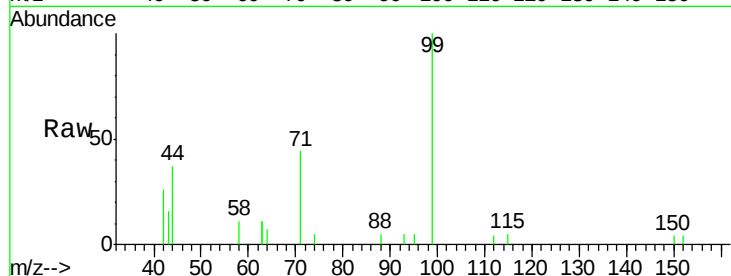
Tot Ion: 99 Resp: 1973

Ion Ratio Lower Upper

99 100

42 27.5 20.2 30.2

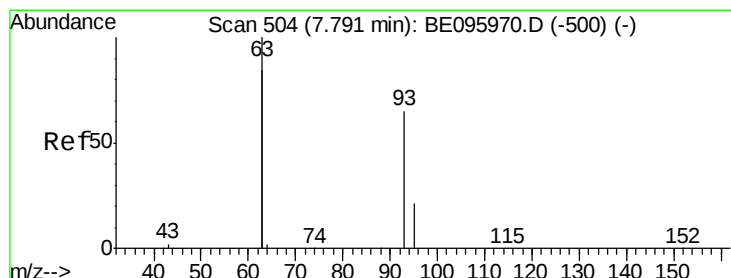
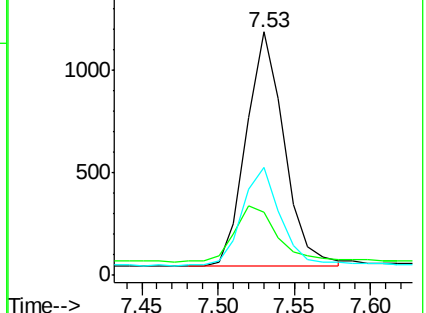
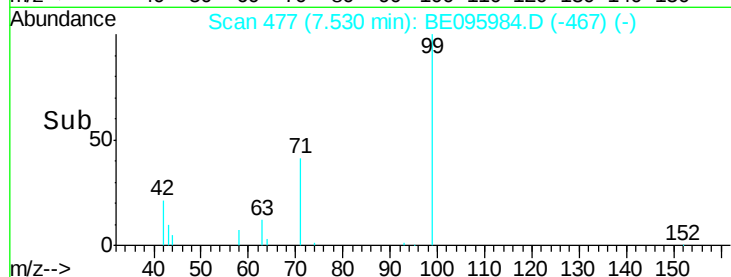
71 42.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

RT: 7.78 min Scan# 503

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

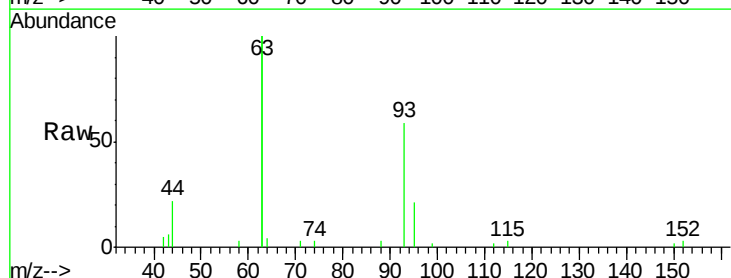
Tgt Ion: 93 Resp: 1791

Ion Ratio Lower Upper

93 100

63 327.0 275.3 412.9

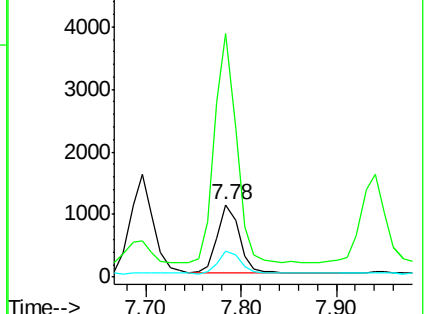
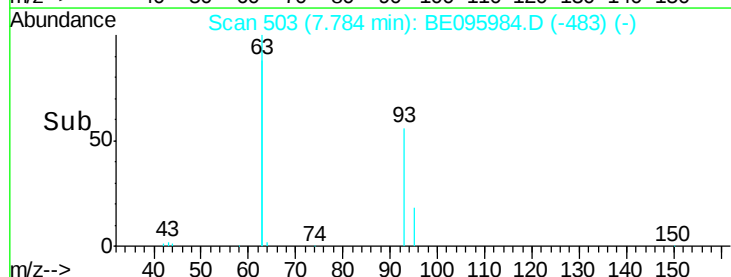
95 31.8 25.2 37.8



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: 0.400 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE095984.D

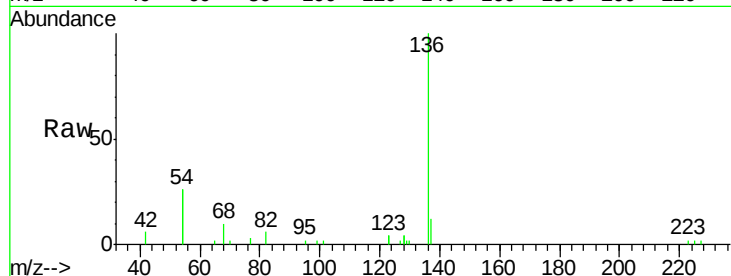
Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	4767
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.5 14.3
54	51.5	29.1 43.7#
68	9.7	6.2 9.2#

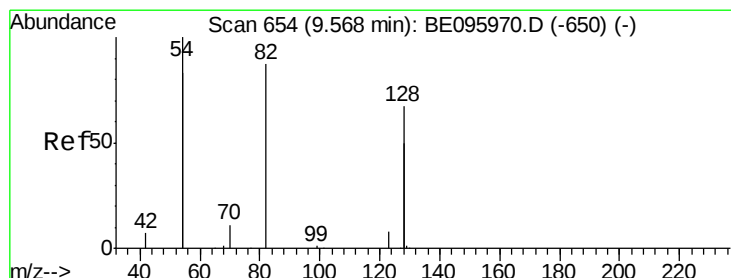
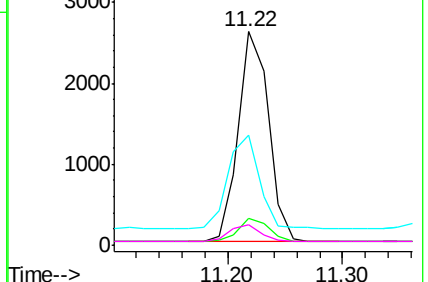
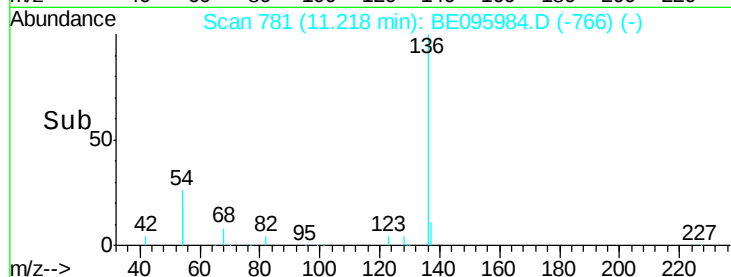


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.369 ng

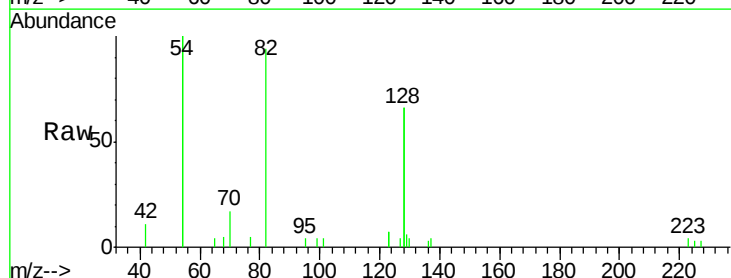
RT: 9.57 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

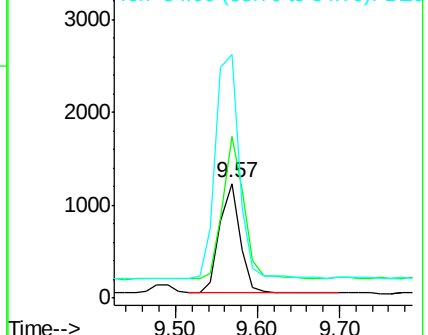
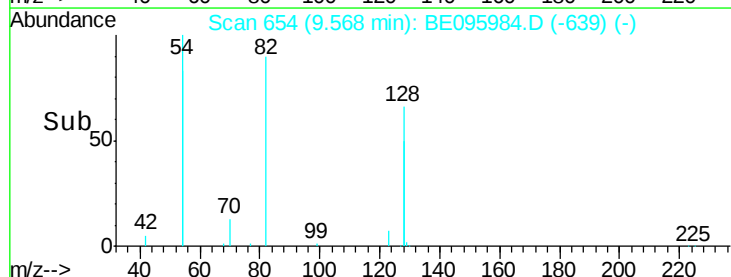
Tgt Ion: 82	Resp:	2062
Ion Ratio	Lower	Upper
82	100	
128	141.2	150.0 225.0#
54	213.0	154.2 231.4

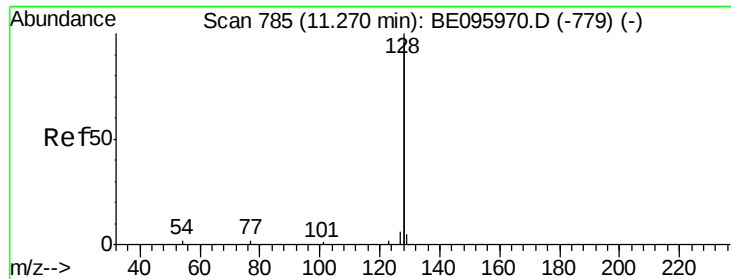


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.378 ng

RT: 11.27 min Scan# 785

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

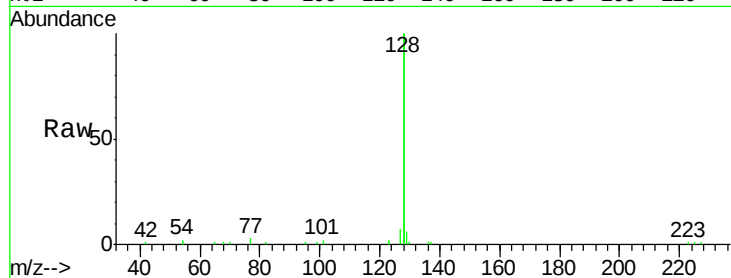
Tot Ion:128 Resp: 19012

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

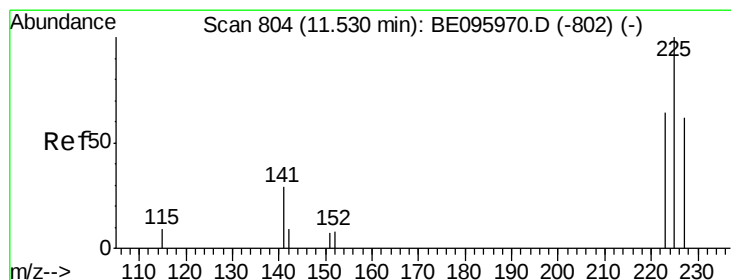
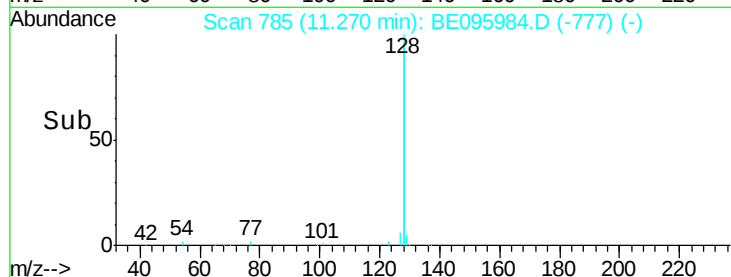
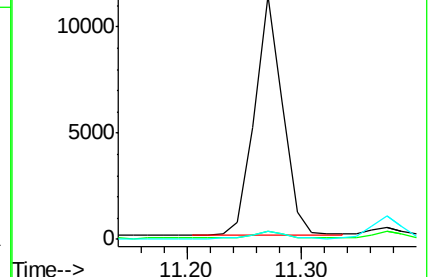
127 3.5 2.8 4.2



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: 0.418 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

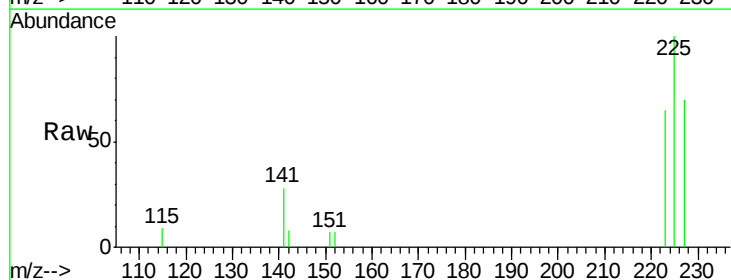
Tgt Ion:225 Resp: 932

Ion Ratio Lower Upper

225 100

223 58.7 53.0 79.6

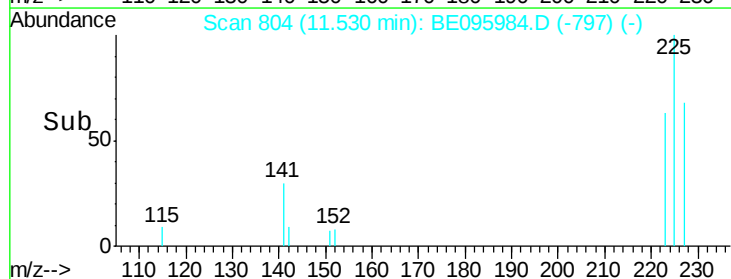
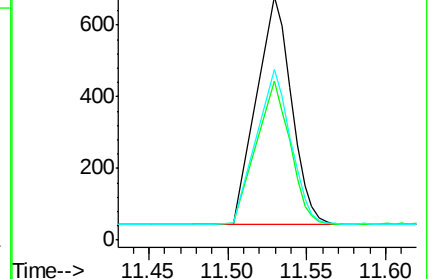
227 73.2 51.4 77.2

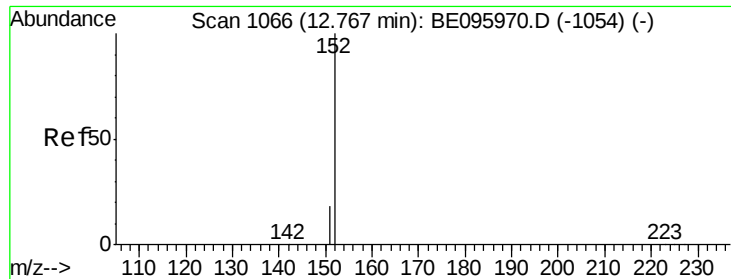


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

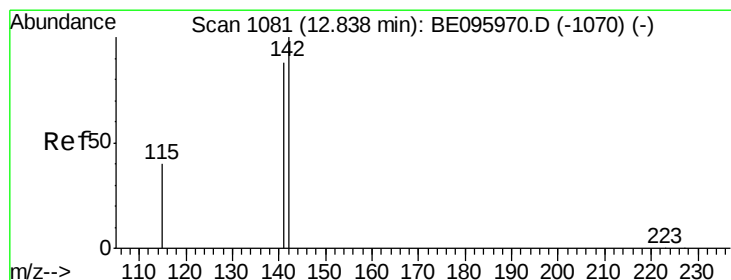
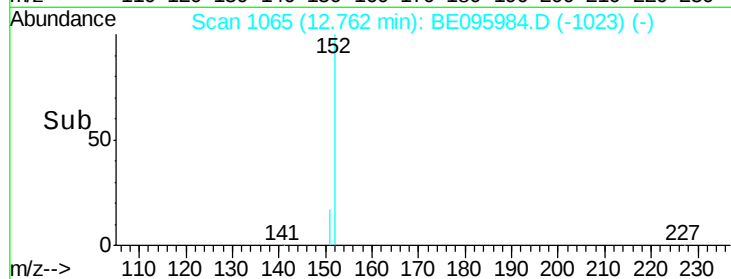
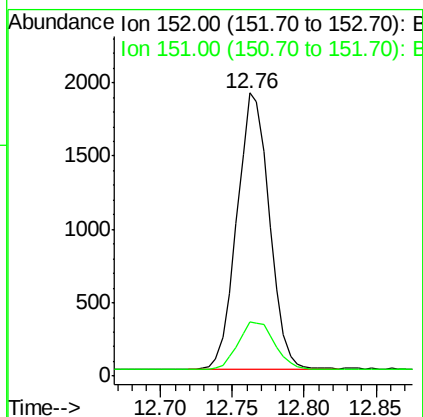
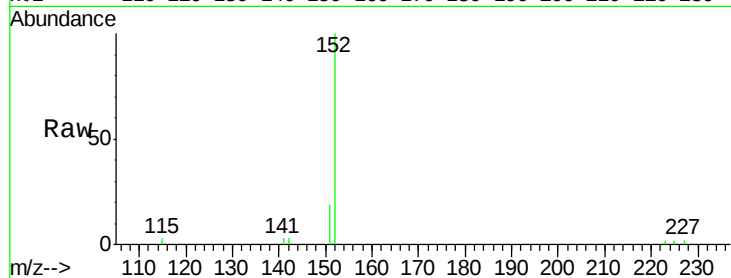




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE095984.D
 Acq: 12 Apr 2018 9:51

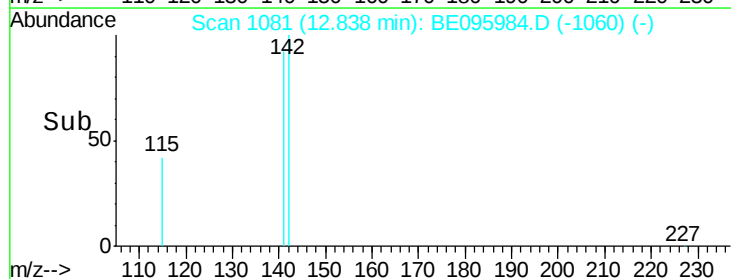
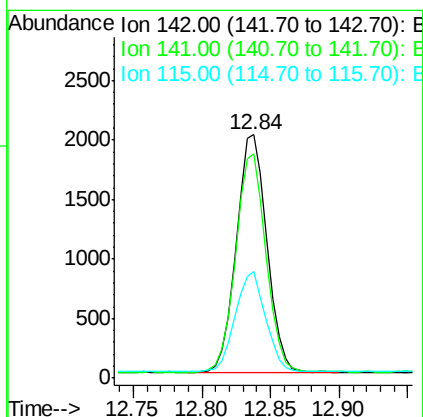
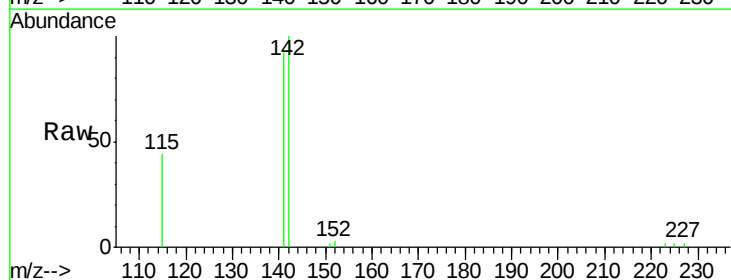
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2953
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.376 ng
 RT: 12.84 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BE095984.D
 Acq: 12 Apr 2018 9:51

Tgt Ion:142 Resp: 3128
 Ion Ratio Lower Upper
 142 100
 141 92.0 70.4 105.6
 115 43.8 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

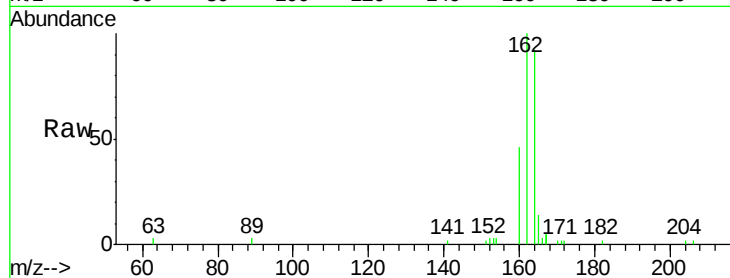
Tot Ion:164 Resp: 2660

Ion Ratio Lower Upper

164 100

162 108.2 83.1 124.7

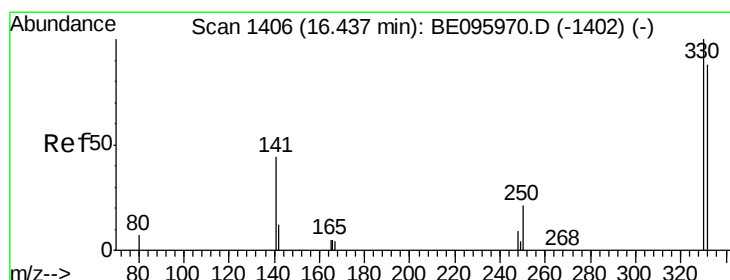
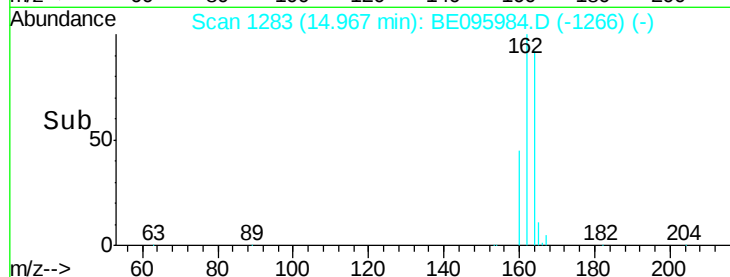
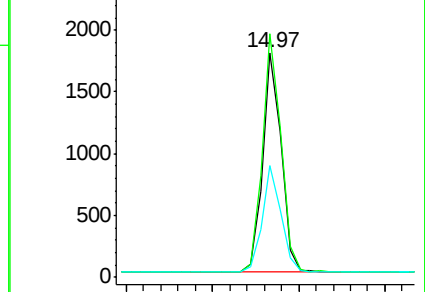
160 49.6 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.356 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

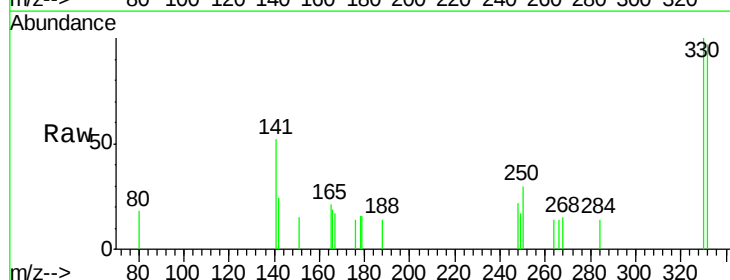
Tgt Ion:330 Resp: 457

Ion Ratio Lower Upper

330 100

332 98.9 152.7 229.1#

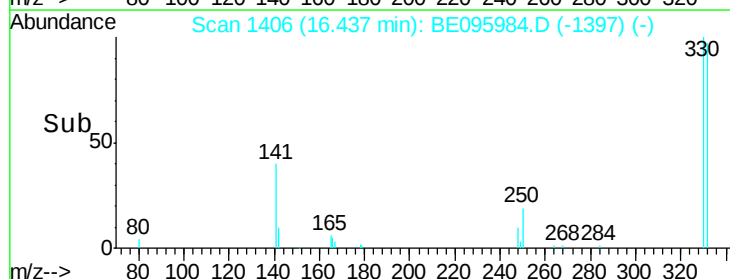
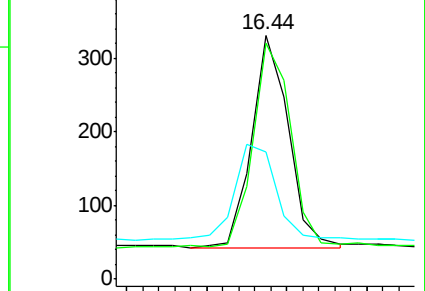
141 52.1 33.7 50.5#

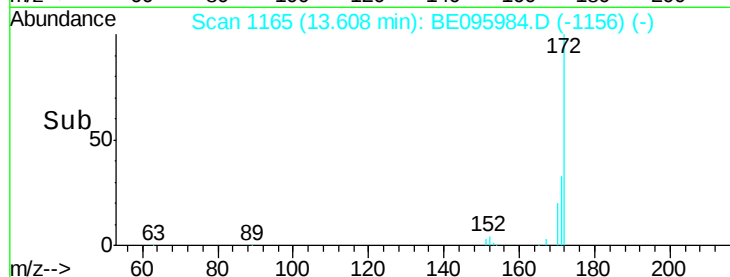
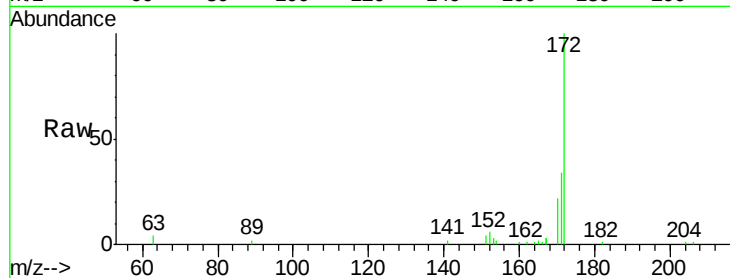
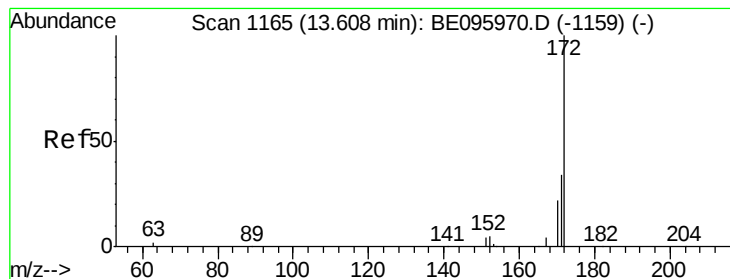


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.379 ng

RT: 13.61 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

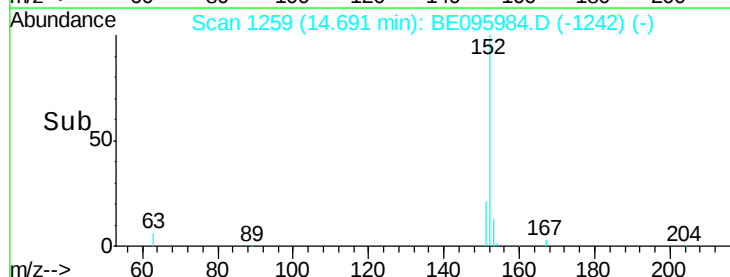
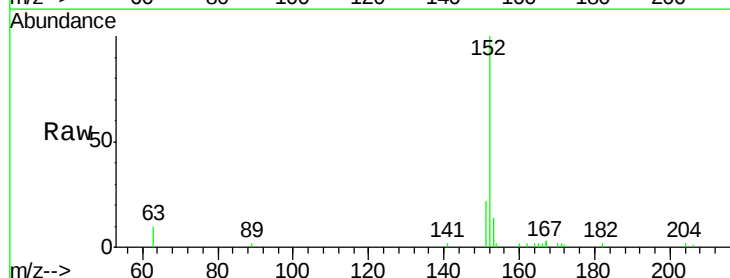
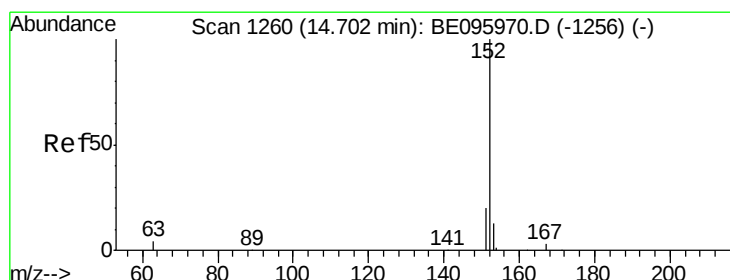
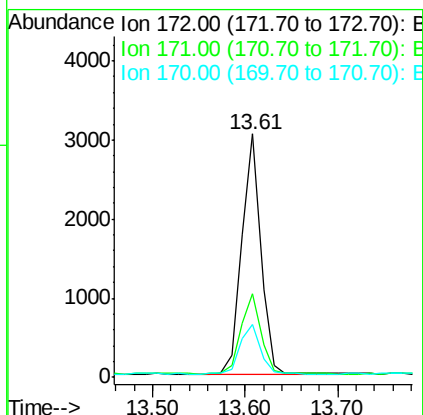
Tot Ion:172 Resp: 4312

Ion Ratio Lower Upper

172 100

171 34.4 29.9 44.9

170 21.6 21.8 32.8#



#16

Acenaphthylene

Concen: 0.372 ng

RT: 14.69 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

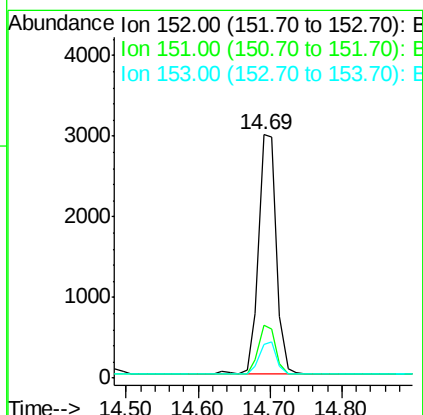
Tgt Ion:152 Resp: 5279

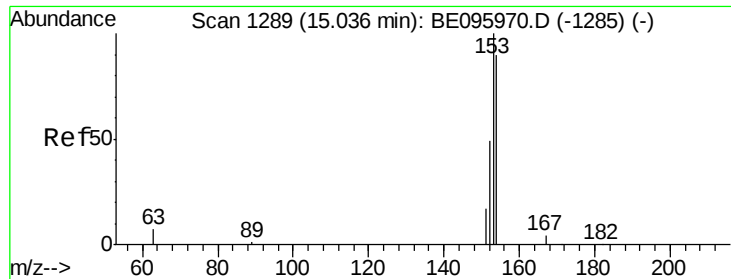
Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.375 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

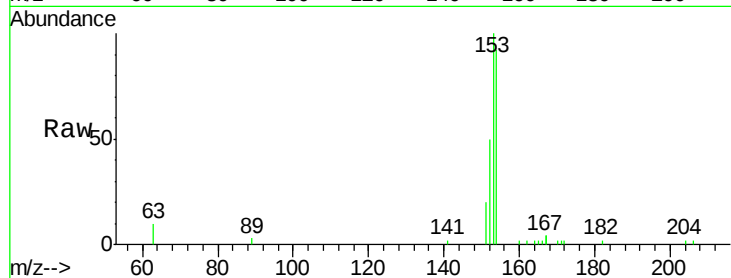
Tot Ion:154 Resp: 3201

Ion Ratio Lower Upper

154 100

153 113.2 89.2 133.8

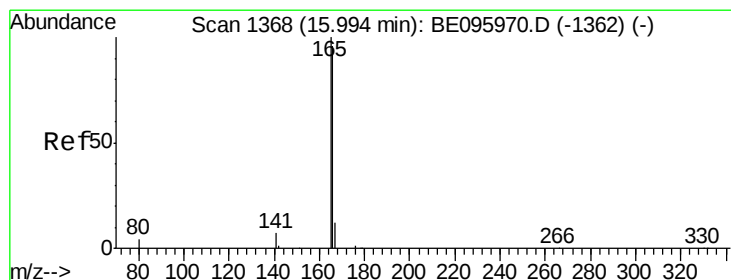
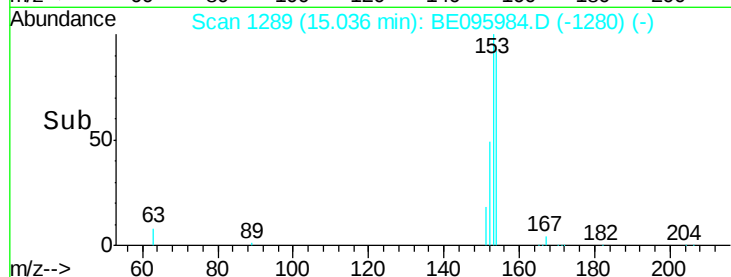
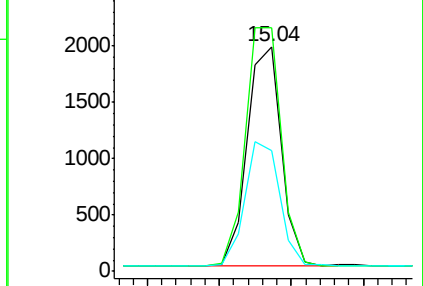
152 58.5 42.0 63.0



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



#18

Fluorene

Concen: 0.377 ng

RT: 15.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

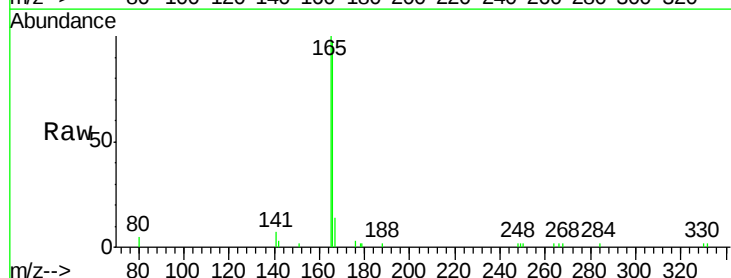
Tgt Ion:166 Resp: 3987

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.6

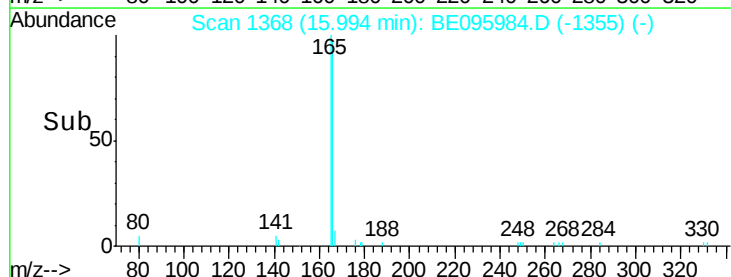
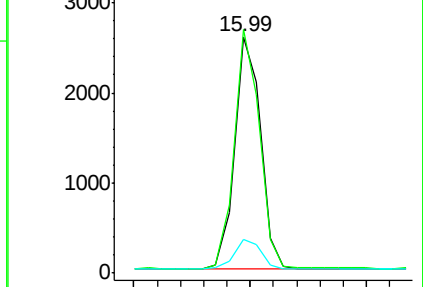
167 13.1 42.4 63.6#



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

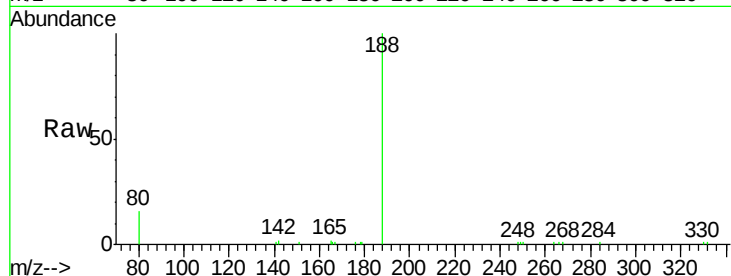
Tot Ion:188 Resp: 6308

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

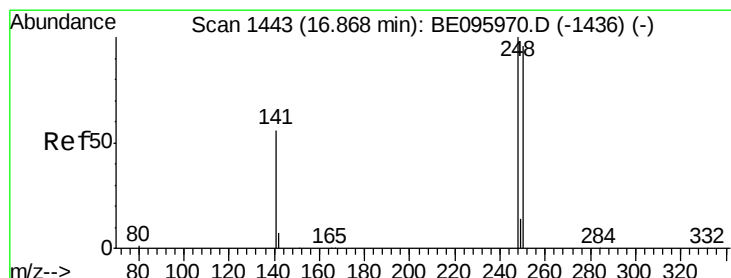
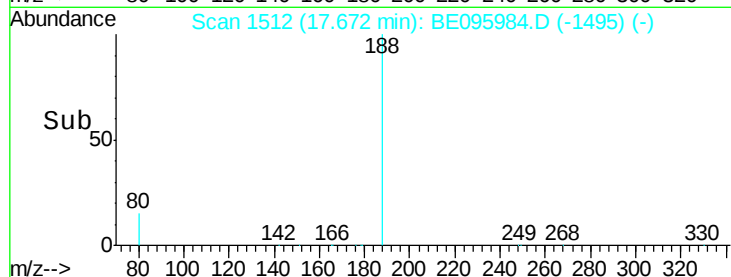
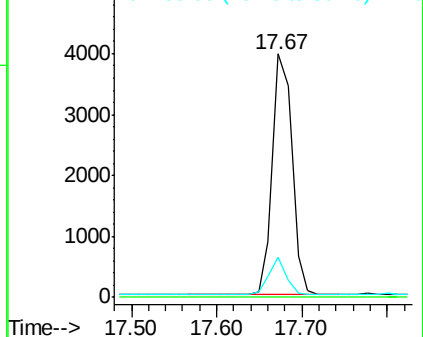
80 16.4 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.385 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

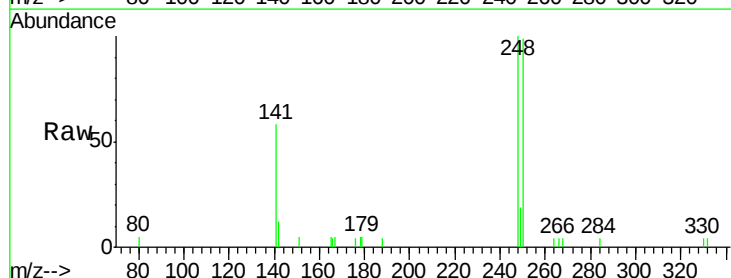
Tgt Ion:248 Resp: 1442

Ion Ratio Lower Upper

248 100

250 98.5 62.7 94.1#

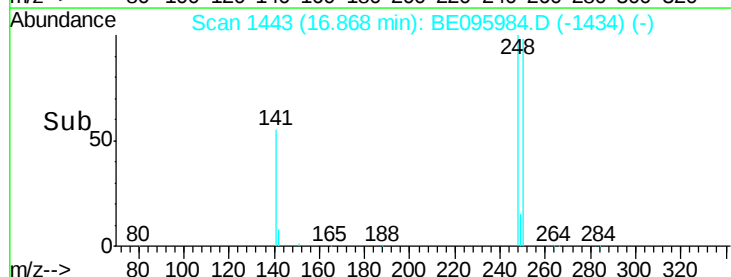
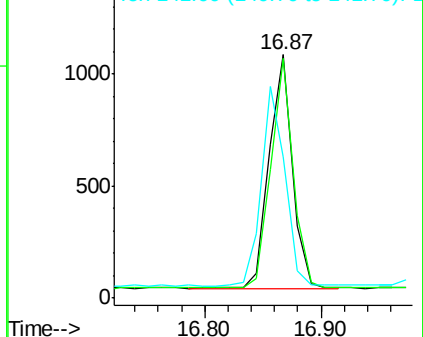
141 57.9 48.2 72.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

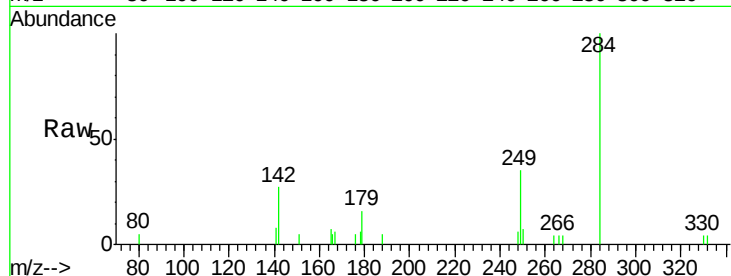




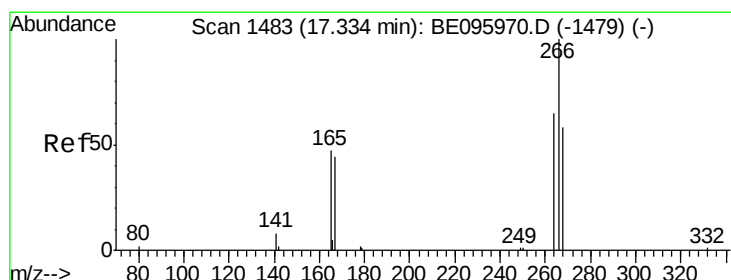
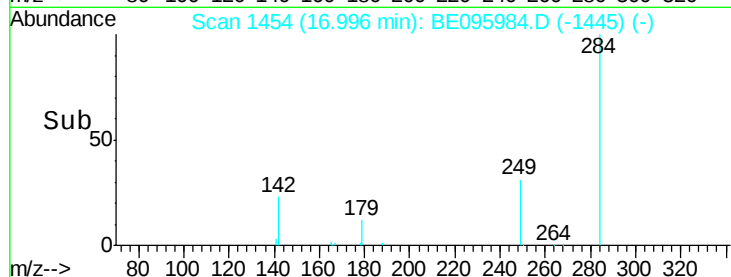
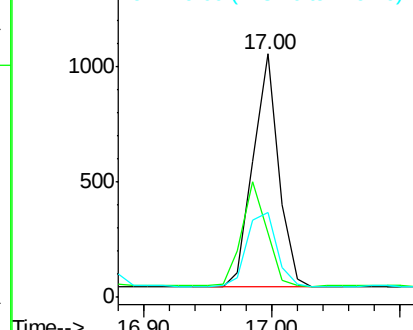
#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 17.00 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE095984.D
Acq: 12 Apr 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1406
Ion Ratio Lower Upper
284 100
142 43.6 22.1 33.1#
249 36.6 34.8 52.2

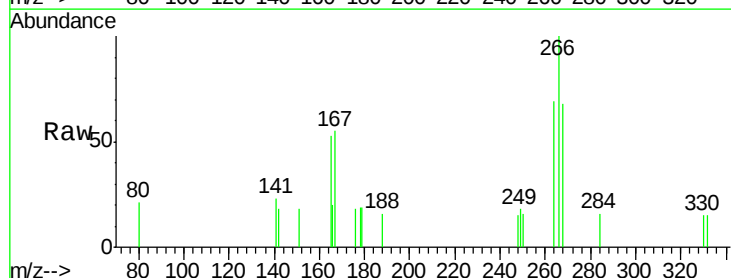


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

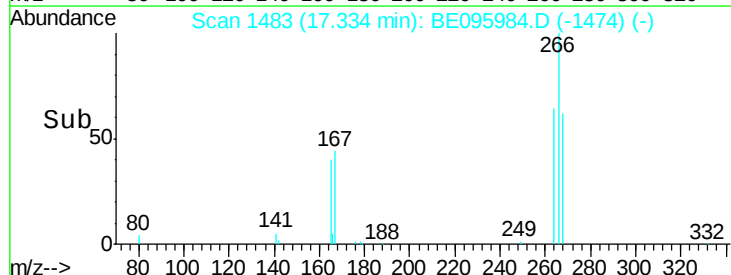
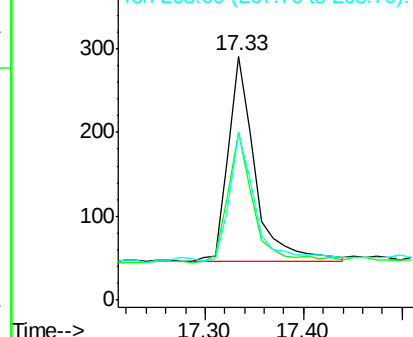


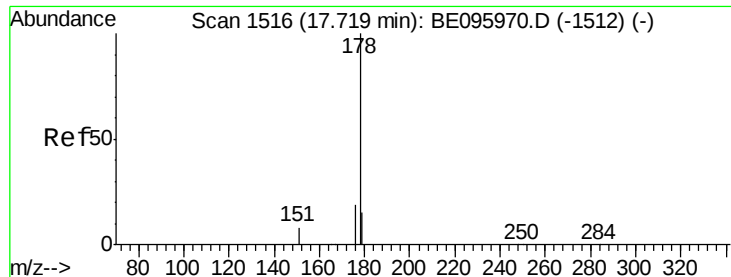
#22
Pentachlorophenol
Concen: 0.403 ng
RT: 17.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE095984.D
Acq: 12 Apr 2018 9:51

Tgt Ion:266 Resp: 461
Ion Ratio Lower Upper
266 100
264 68.7 72.5 108.7#
268 68.4 73.8 110.6#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

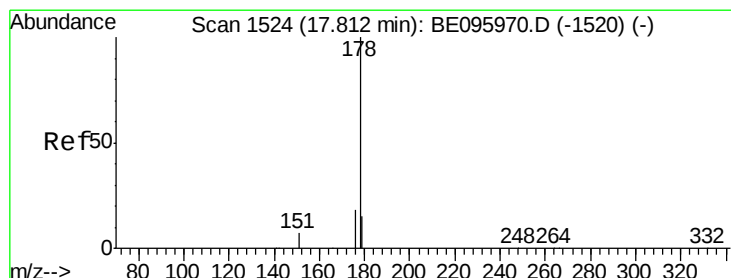
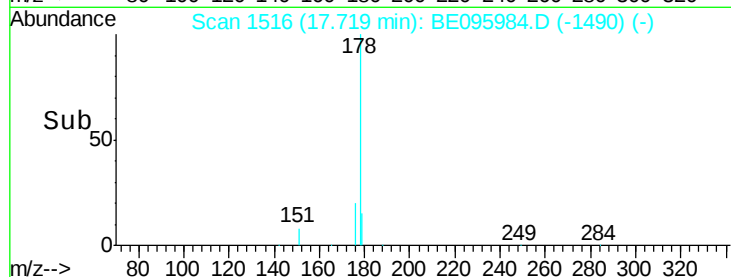
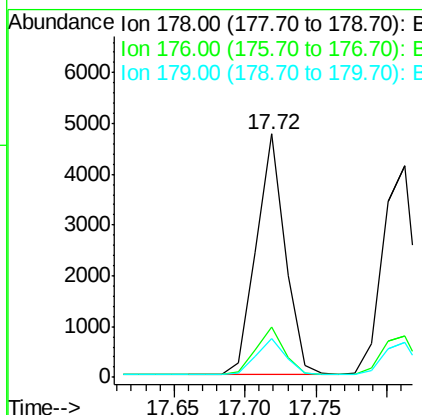
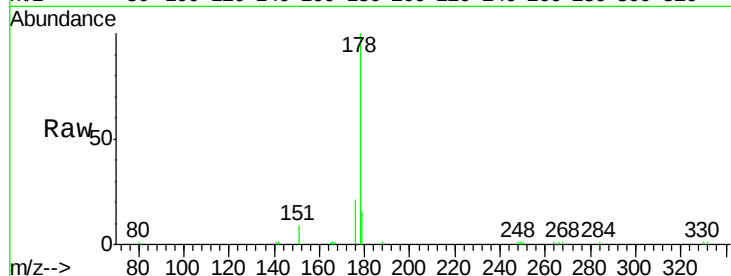




#23
Phenanthrene
Concen: 0.376 ng
RT: 17.72 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BE095984.D
Acq: 12 Apr 2018 9:51

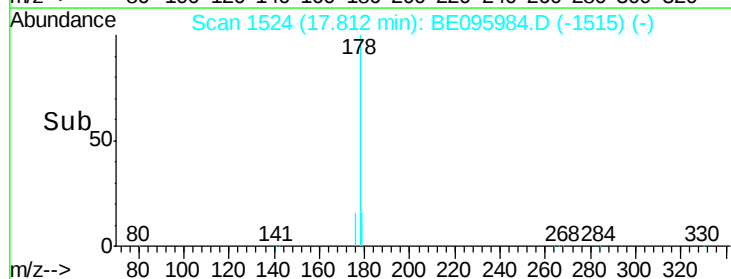
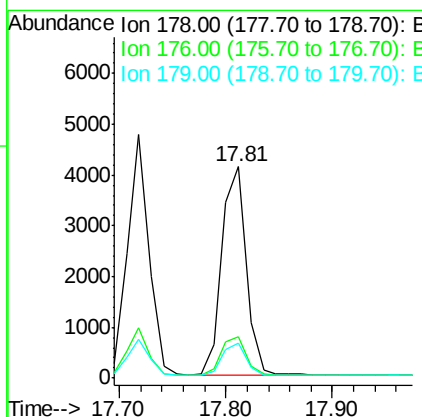
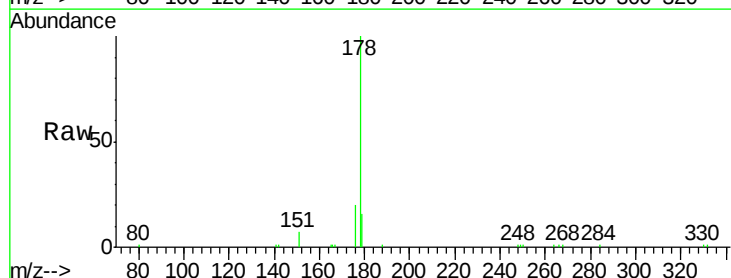
Instrument :
BNA_E
ClientSampleId :

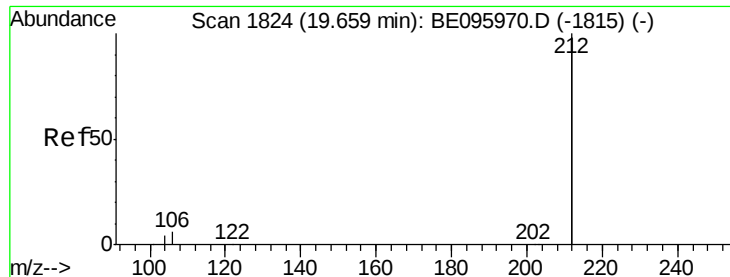
Tot Ion:178 Resp: 6658
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 14.9 11.8 17.6



#24
Anthracene
Concen: 0.386 ng
RT: 17.81 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BE095984.D
Acq: 12 Apr 2018 9:51

Tgt Ion:178 Resp: 6530
Ion Ratio Lower Upper
178 100
176 18.8 12.8 19.2
179 15.1 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

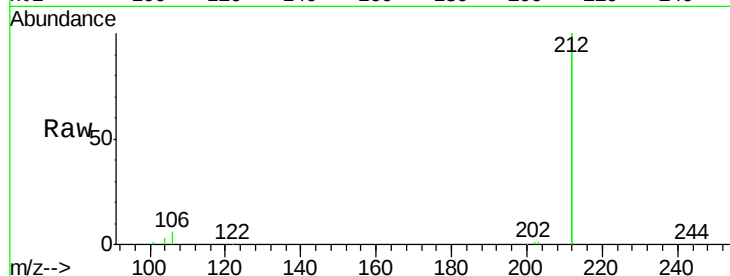
Tot Ion:212 Resp: 32448

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

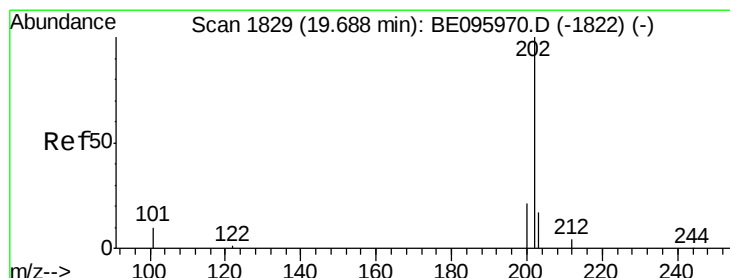
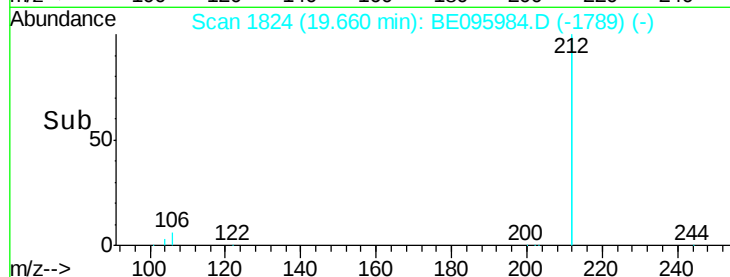
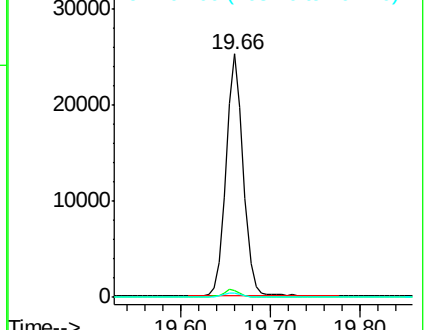
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.374 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

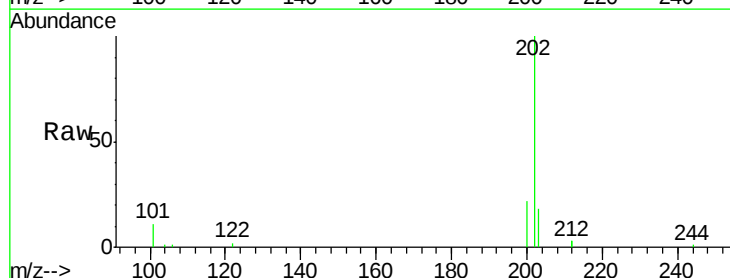
Tgt Ion:202 Resp: 8708

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

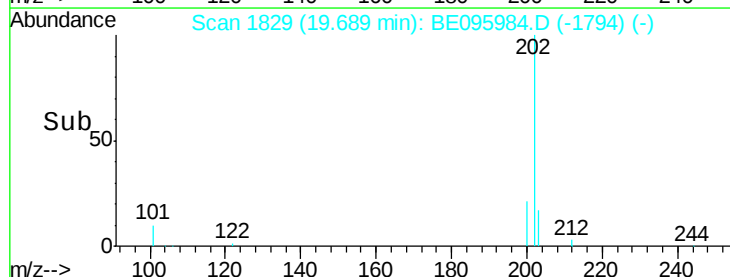
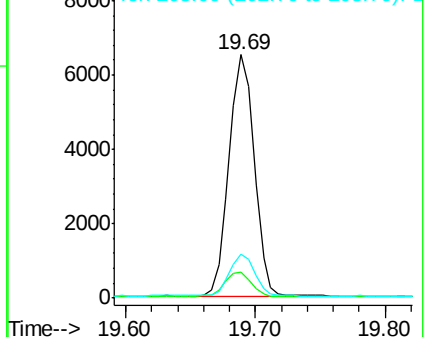
203 17.4 13.7 20.5



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

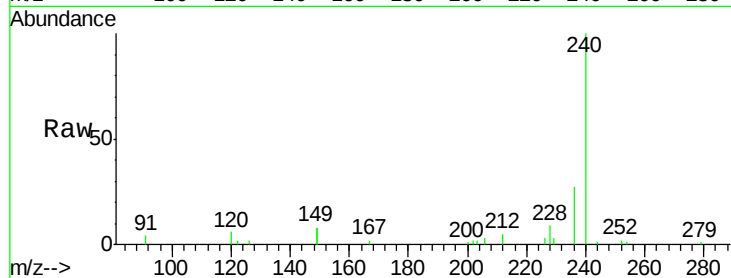
Tot Ion:240 Resp: 7065

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

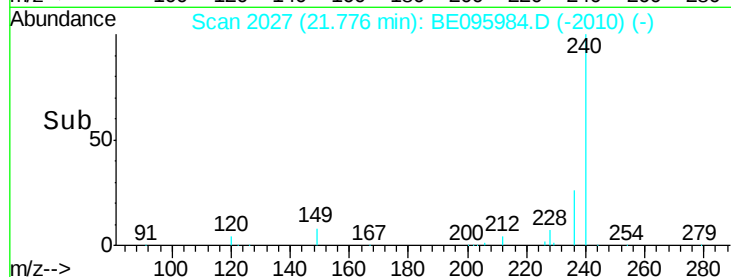
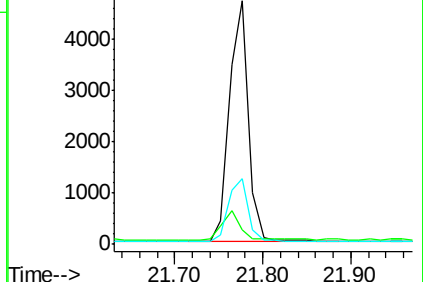
236 27.2 20.7 31.1



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



#28

Pyrene

Concen: 0.365 ng

RT: 20.05 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

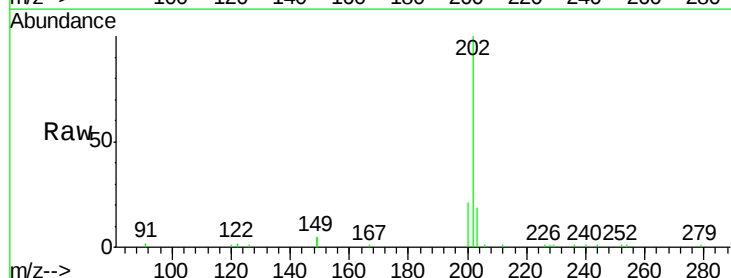
Tgt Ion:202 Resp: 5075

Ion Ratio Lower Upper

202 100

200 19.7 16.6 25.0

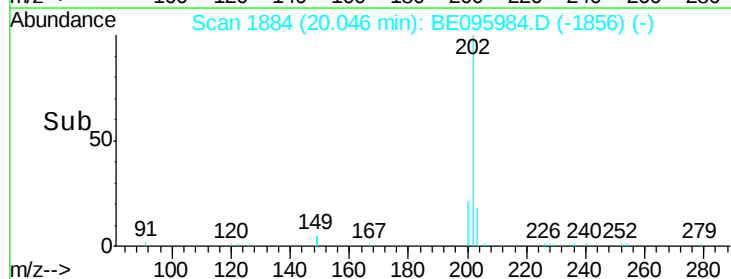
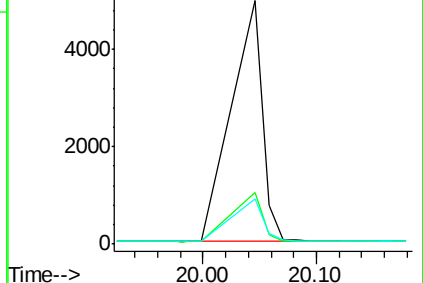
203 16.9 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

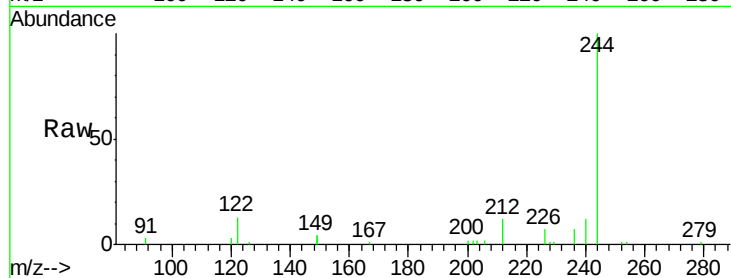
Tot Ion:244 Resp: 5906

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

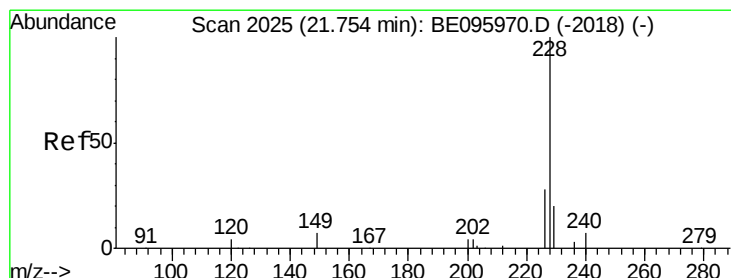
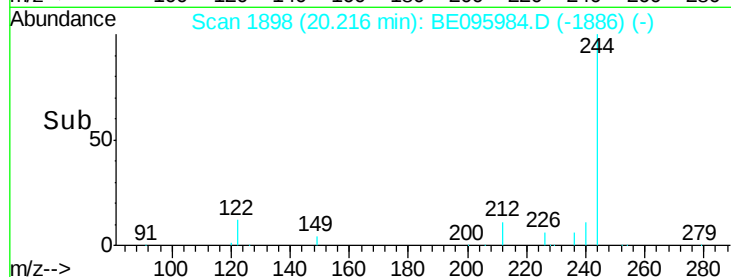
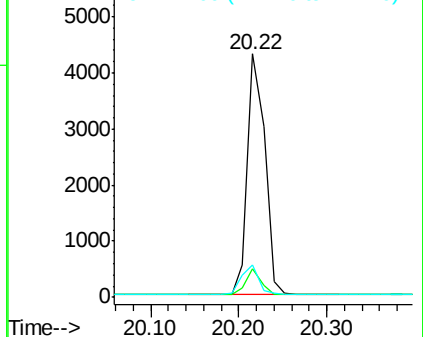
122 13.4 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.385 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

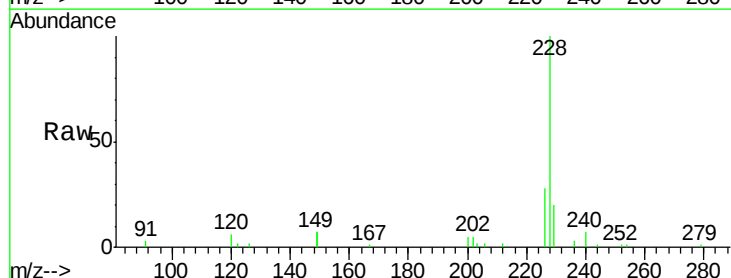
Tgt Ion:228 Resp: 8713

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

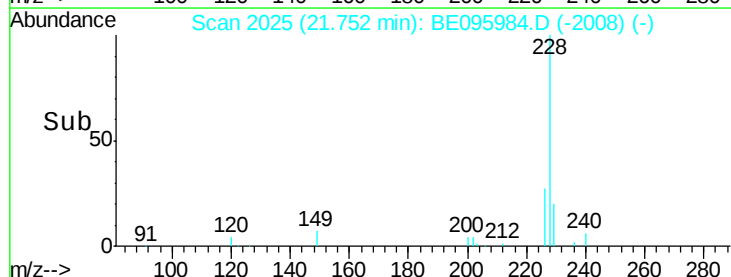
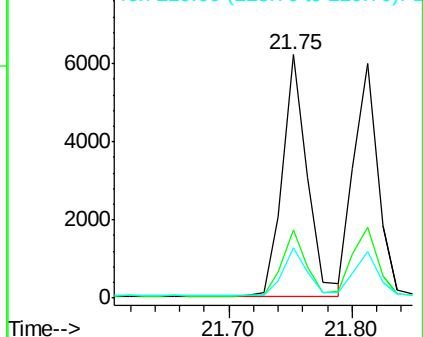
229 20.5 16.0 24.0

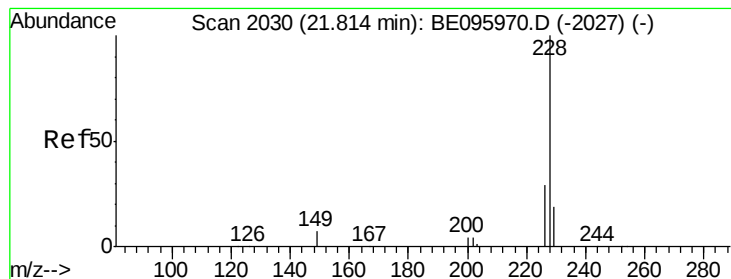


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.371 ng

RT: 21.81 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

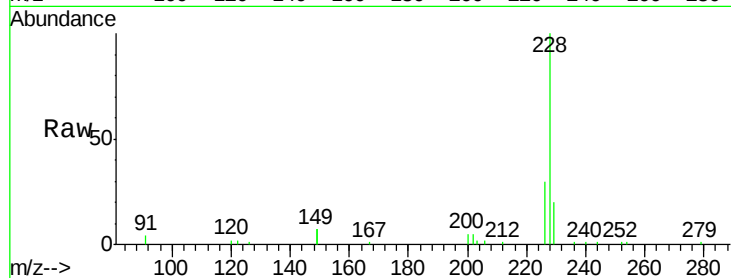
Tot Ion:228 Resp: 8124

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

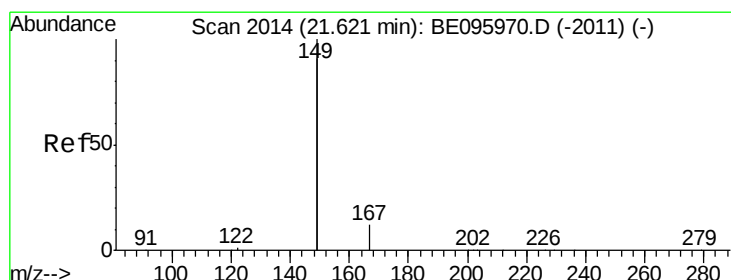
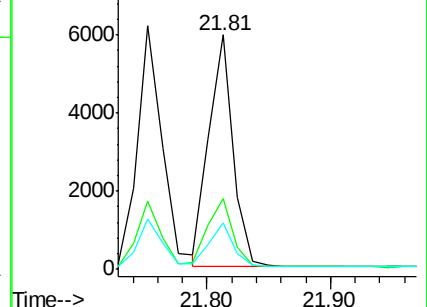
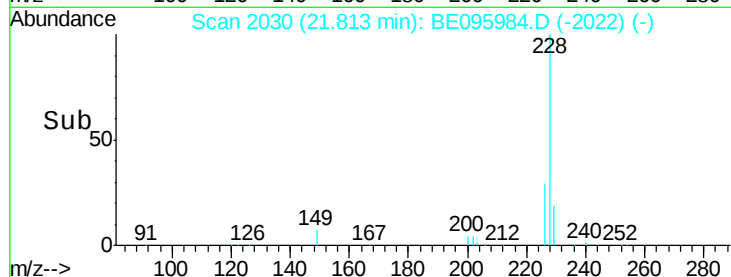
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.381 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

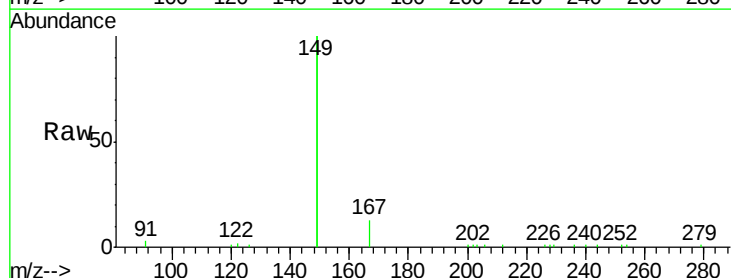
Tgt Ion:149 Resp: 22265

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

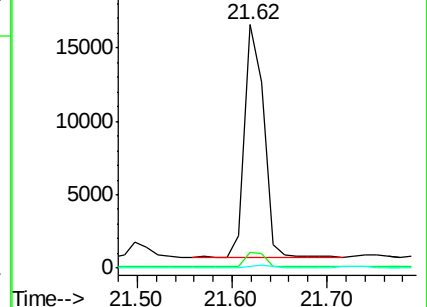
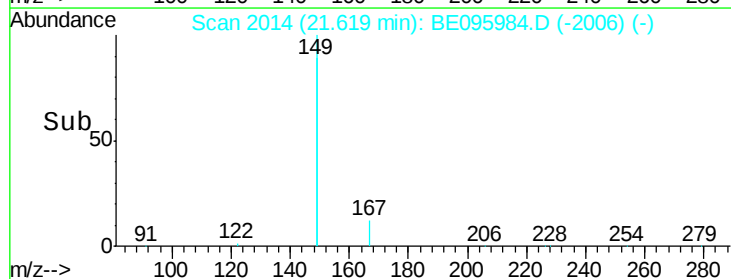
279 0.8 0.7 1.1



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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng

RT: 27.18 min Scan# 3487

Delta R.T. 0.00 min

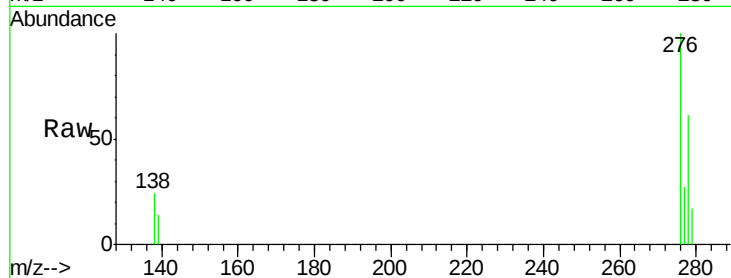
Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :



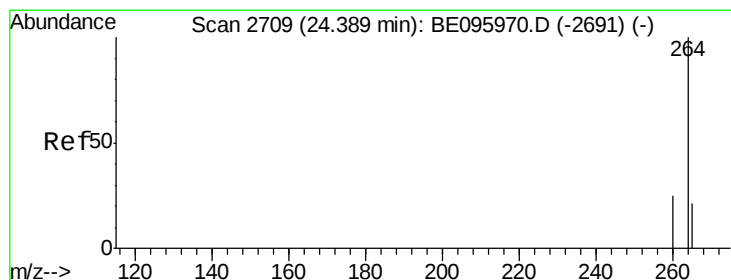
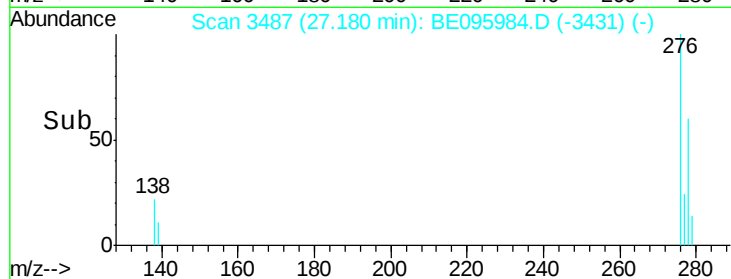
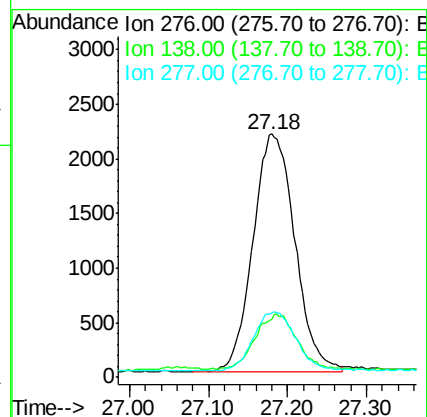
Tot Ion:276 Resp: 8005

Ion Ratio Lower Upper

276 100

138 22.9 22.5 33.7

277 25.0 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.39 min Scan# 2708

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

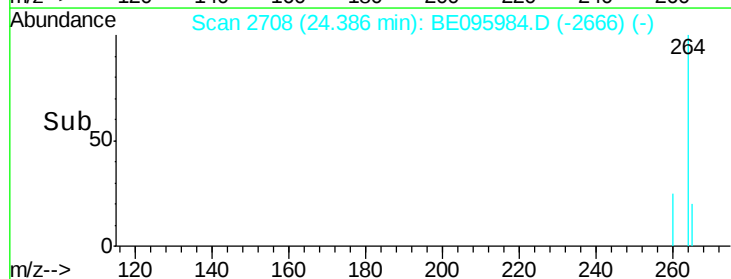
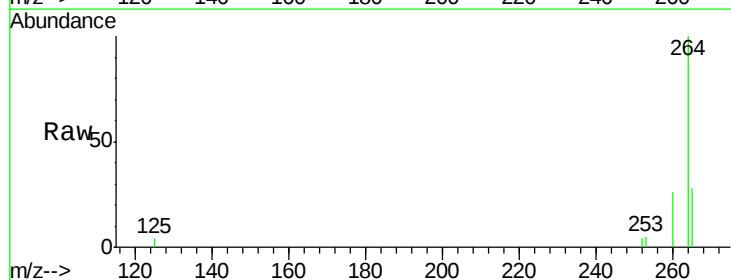
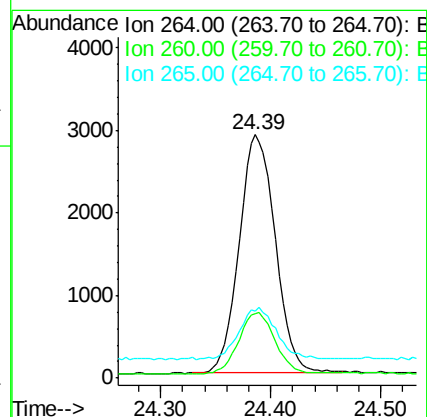
Tgt Ion:264 Resp: 6564

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

265 27.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.388 ng

RT: 23.58 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

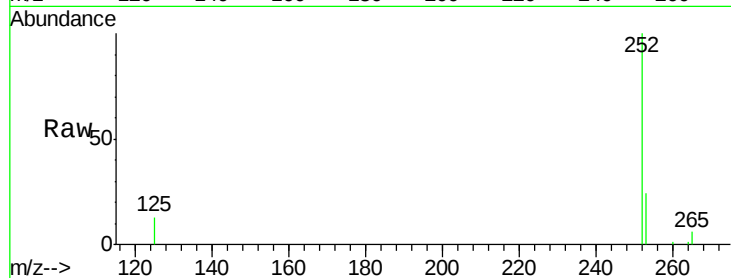
Tot Ion:252 Resp: 7644

Ion Ratio Lower Upper

252 100

253 24.5 20.0 30.0

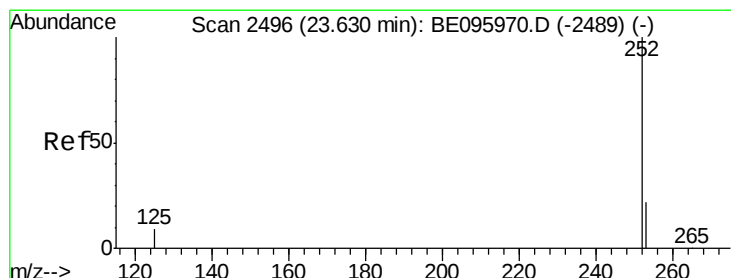
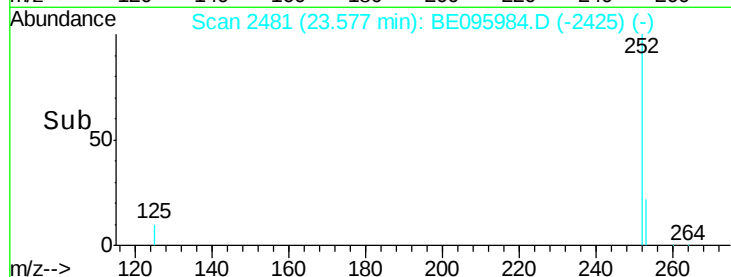
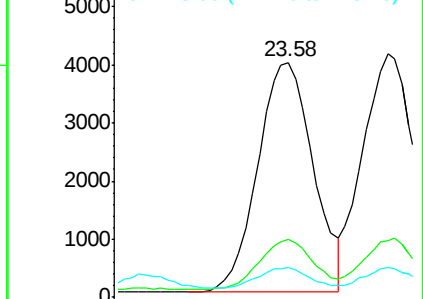
125 12.7 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.377 ng

RT: 23.63 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

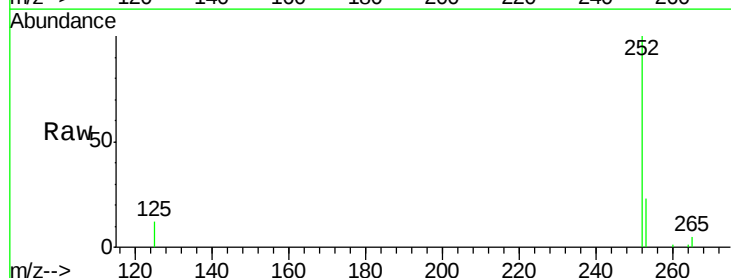
Tgt Ion:252 Resp: 7635

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

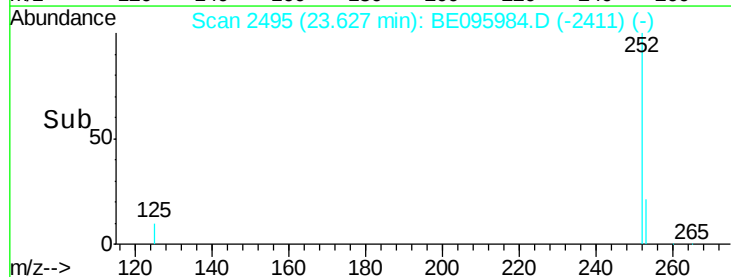
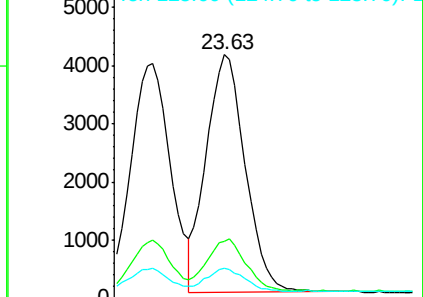
125 12.4 8.0 12.0#



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





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 24.27 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

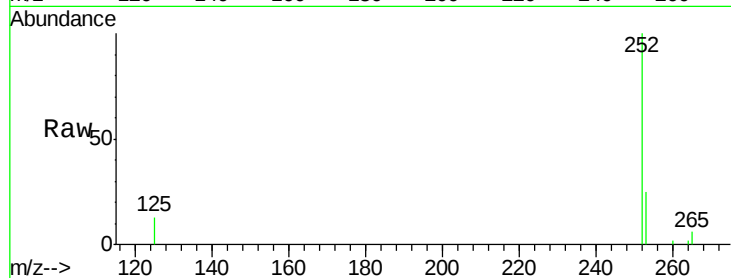
Tot Ion:252 Resp: 7214

Ion Ratio Lower Upper

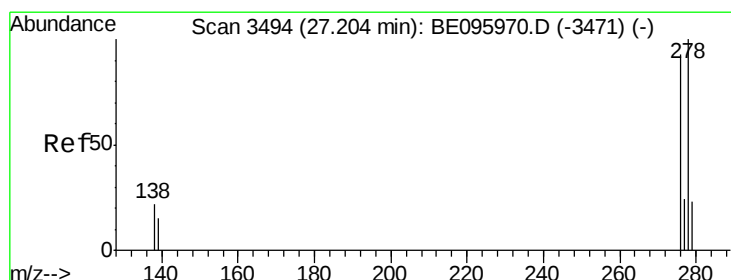
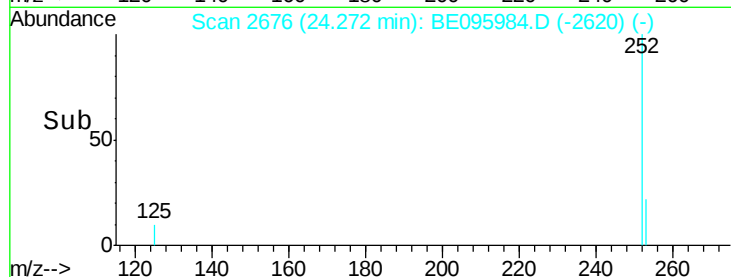
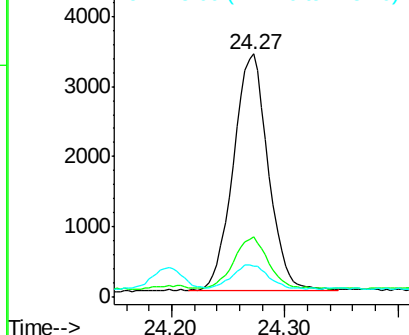
252 100

253 25.0 16.0 24.0#

125 12.9 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.390 ng

RT: 27.20 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

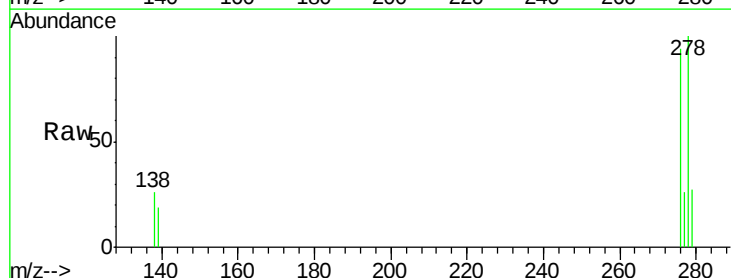
Tgt Ion:278 Resp: 6506

Ion Ratio Lower Upper

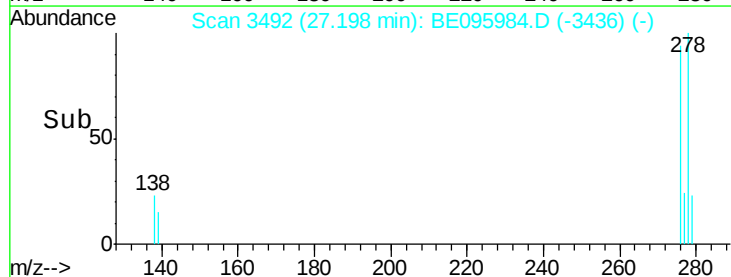
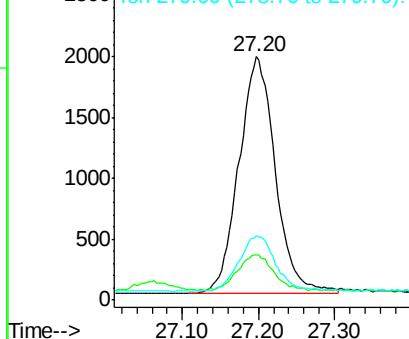
278 100

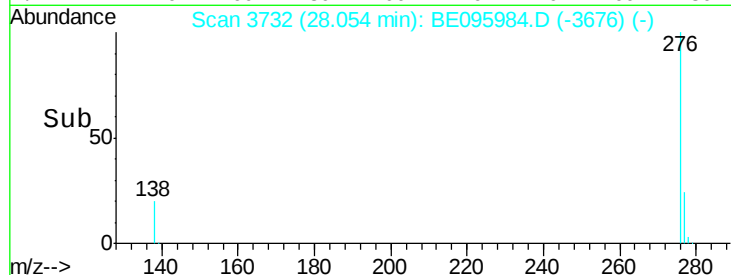
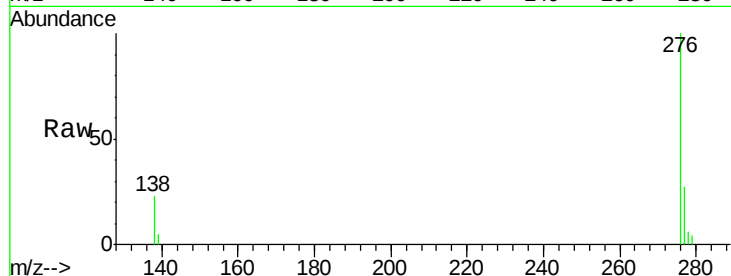
139 18.7 16.0 24.0

279 26.5 20.0 30.0



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





#39

Benzo(a,h,i)perylene

Concen: 0.387 ng

RT: 28.05 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 6823

Ion Ratio Lower Upper

276 100

277 26.7 16.0 24.0#

138 22.9 20.0 30.0

