

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041318\
 Data File : BE095988.D
 Acq On : 13 Apr 2018 8:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 13 14:43:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 14:42:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1308	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4932	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2673	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6702	0.40	ng	0.00
27) Chrysene-d12	21.78	240	7453	0.40	ng	0.00
34) Perylene-d12	24.39	264	7136	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	1496	0.37	ng	0.00
5) Phenol-d6	7.53	99	2069	0.37	ng	0.00
8) Nitrobenzene-d5	9.57	82	2135	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	2938	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	493	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	4302	0.38	ng	0.00
25) Fluoranthene-d10	19.66	212	34193	0.38	ng	0.00
29) Terphenyl-d14	20.22	244	6610	0.40	ng	0.00

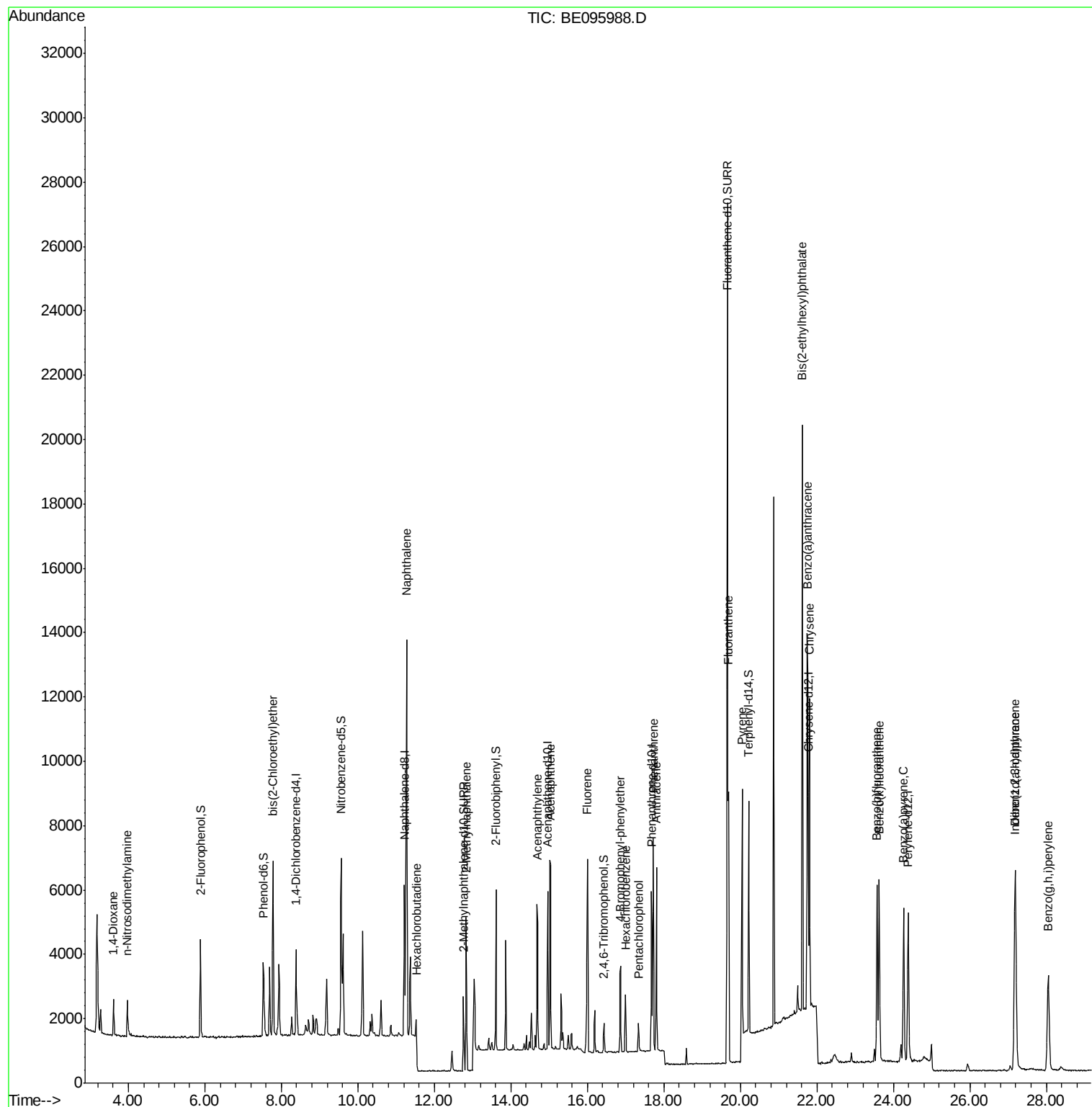
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	736	0.364	ng	89
3) n-Nitrosodimethylamine	3.97	42	923	0.373	ng	82
6) bis(2-Chloroethyl)ether	7.78	93	1835	0.374	ng	96
9) Naphthalene	11.27	128	19535	0.376	ng	99
10) Hexachlorobutadiene	11.53	225	801	0.348	ng	88
12) 2-Methylnaphthalene	12.83	142	3213	0.373	ng	97
16) Acenaphthylene	14.69	152	5295	0.371	ng	100
17) Acenaphthene	15.04	154	3275	0.382	ng	96
18) Fluorene	15.99	166	4057	0.382	ng	# 78
20) 4-Bromophenyl-phenylether	16.87	248	1447	0.363	ng	# 84
21) Hexachlorobenzene	17.00	284	1469	0.370	ng	# 80
22) Pentachlorophenol	17.33	266	511	0.415	ng	# 81
23) Phenanthrene	17.72	178	6940	0.369	ng	99
24) Anthracene	17.81	178	6725	0.374	ng	95
26) Fluoranthene	19.69	202	9316	0.377	ng	98
28) Pyrene	20.05	202	5262	0.359	ng	96
30) Benzo(a)anthracene	21.75	228	9011	0.377	ng	97
31) Chrysene	21.81	228	8823	0.382	ng	100
32) Bis(2-ethylhexyl)phthalate	21.62	149	23445	0.380	ng	99
33) Indeno(1,2,3-cd)pyrene	27.17	276	8575	0.383	ng	95
35) Benzo(b)fluoranthene	23.57	252	8142	0.380	ng	# 92
36) Benzo(k)fluoranthene	23.63	252	8158	0.371	ng	93
37) Benzo(a)pyrene	24.27	252	7721	0.375	ng	# 93
38) Dibenzo(a,h)anthracene	27.19	278	6882	0.379	ng	99
39) Benzo(g,h,i)perylene	28.05	276	7325	0.382	ng	# 91

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Apr 13 14:43:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 14:42:08 2018
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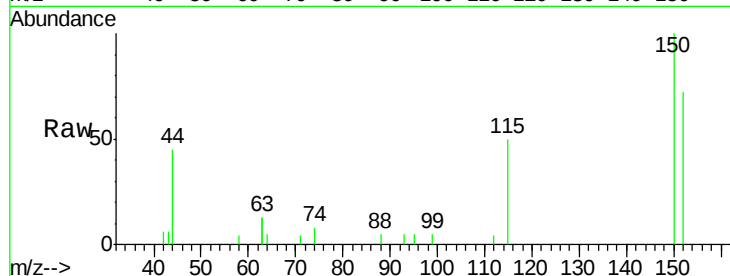


#1

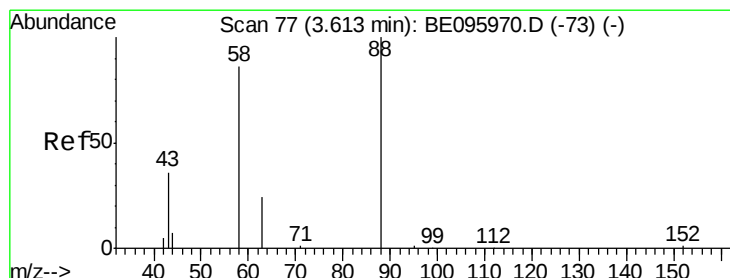
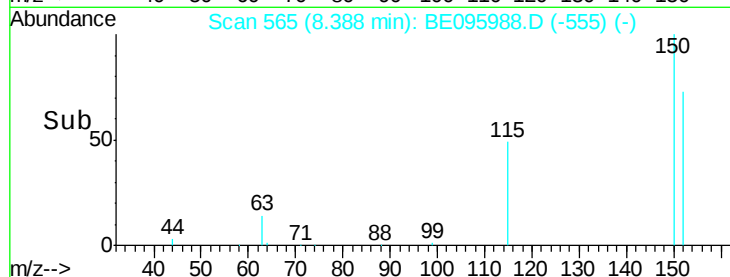
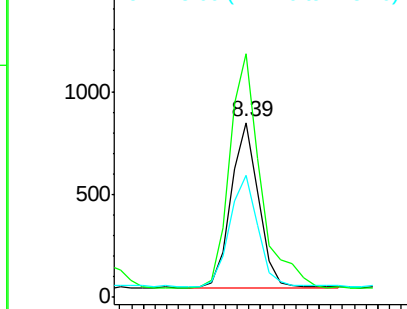
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095988.D
Acq: 13 Apr 2018 8:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1308
Ion Ratio Lower Upper
152 100
150 139.5 117.2 175.8
115 69.9 57.0 85.6



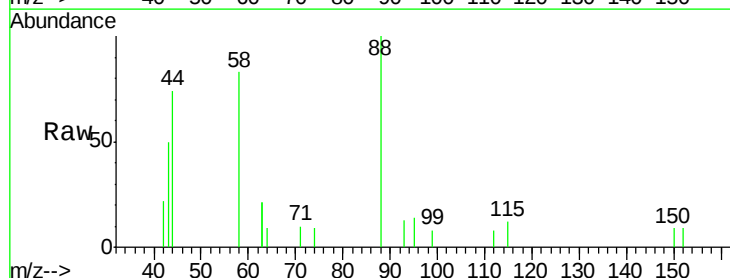
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



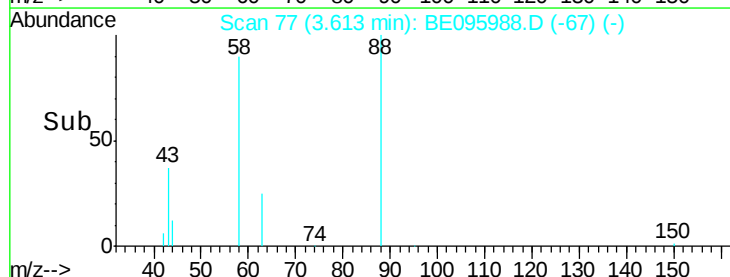
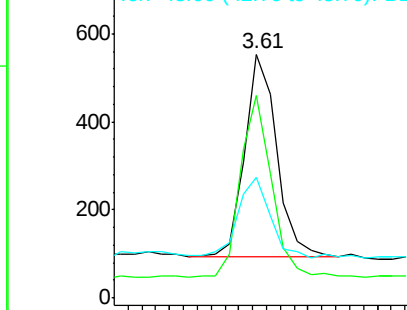
#2

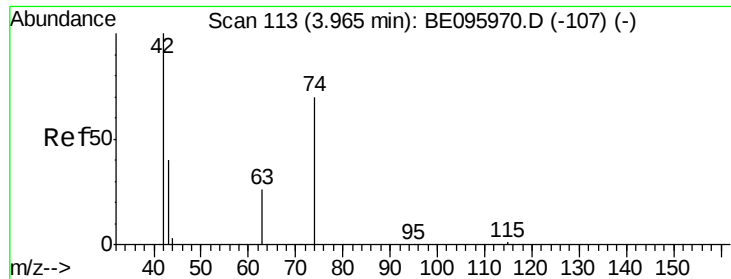
1,4-Dioxane
Concen: 0.364 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095988.D
Acq: 13 Apr 2018 8:58

Tgt Ion: 88 Resp: 736
Ion Ratio Lower Upper
88 100
58 87.4 63.2 94.8
43 41.7 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

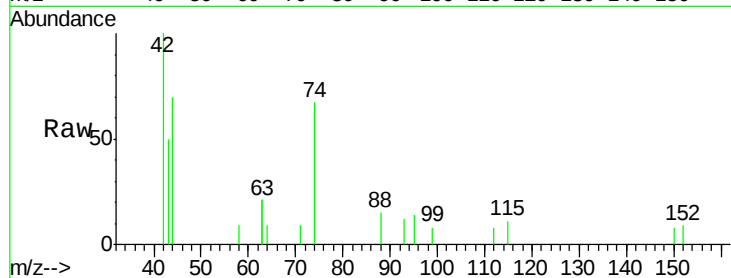




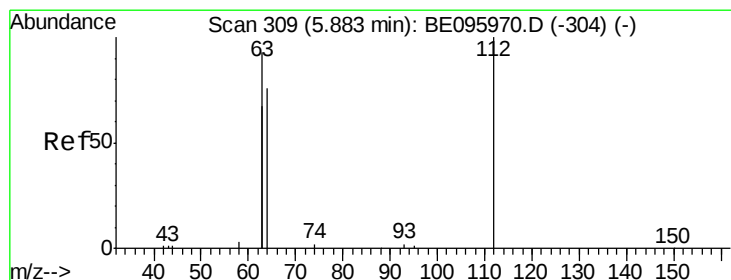
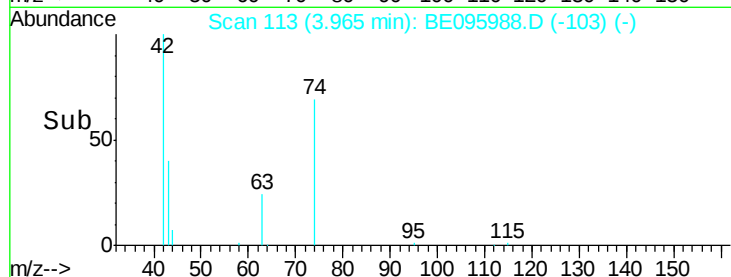
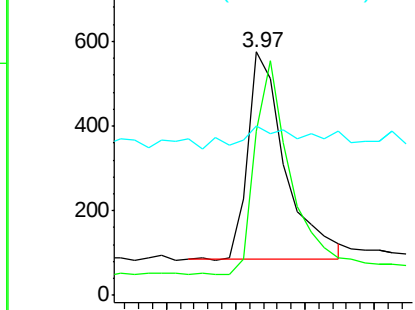
#3
n-Nitrosodimethylamine
Concen: 0.373 ng
RT: 3.97 min Scan# 113
Delta R.T. 0.00 min
Lab File: BE095988.D
Acq: 13 Apr 2018 8:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 923
Ion Ratio Lower Upper
42 100
74 98.0 96.0 144.0
44 17.7 12.0 18.0

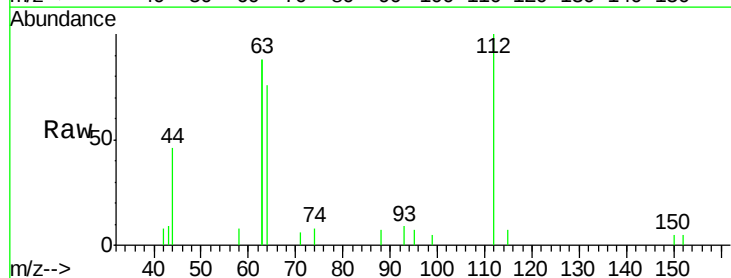


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

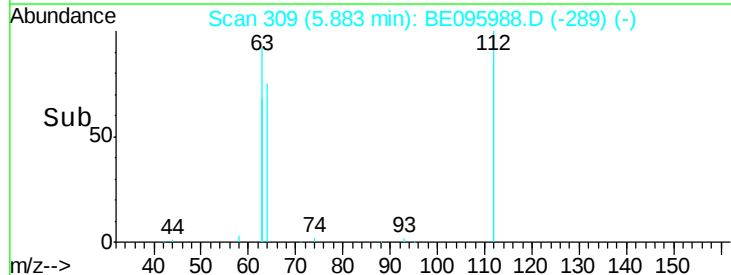
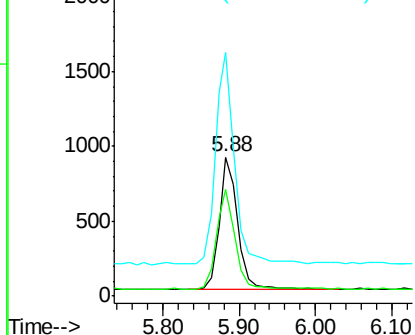


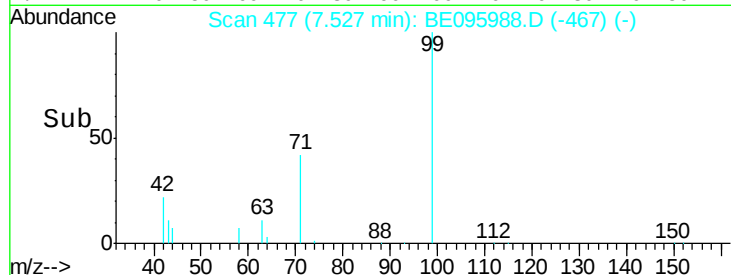
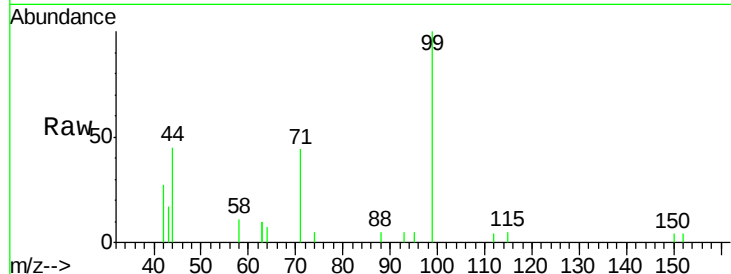
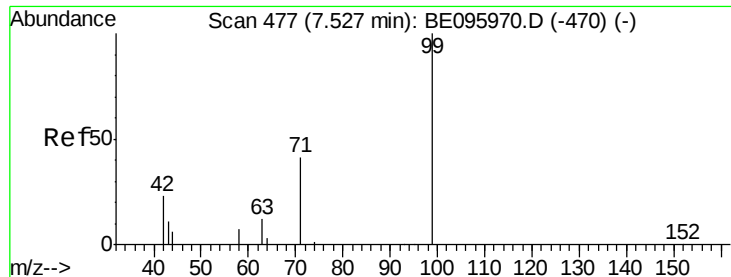
#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.88 min Scan# 309
Delta R.T. 0.00 min
Lab File: BE095988.D
Acq: 13 Apr 2018 8:58

Tgt Ion: 112 Resp: 1496
Ion Ratio Lower Upper
112 100
64 76.7 60.1 90.1
63 166.0 116.8 175.2



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: 0.371 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

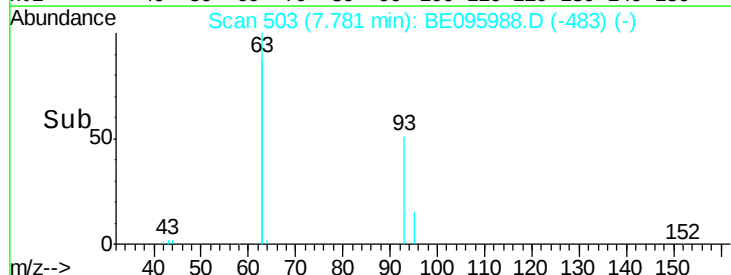
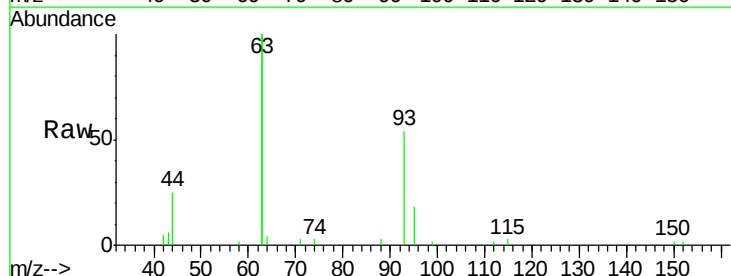
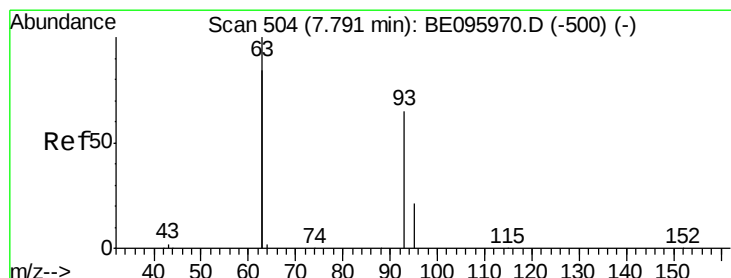
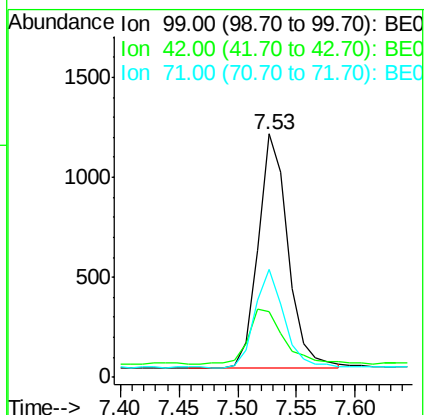
Tot Ion: 99 Resp: 2069

Ion Ratio Lower Upper

99 100

42 27.4 20.2 30.2

71 40.8 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

RT: 7.78 min Scan# 503

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

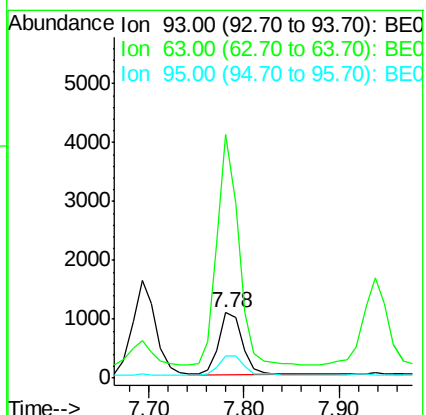
Tgt Ion: 93 Resp: 1835

Ion Ratio Lower Upper

93 100

63 335.2 275.3 412.9

95 31.6 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE095988.D

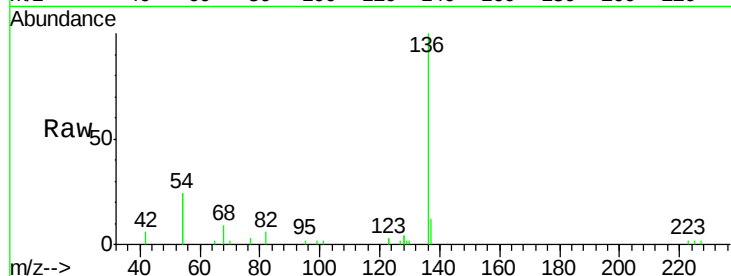
Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	4932
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.5 14.3
54	47.9	29.1 43.7#
68	9.2	6.2 9.2

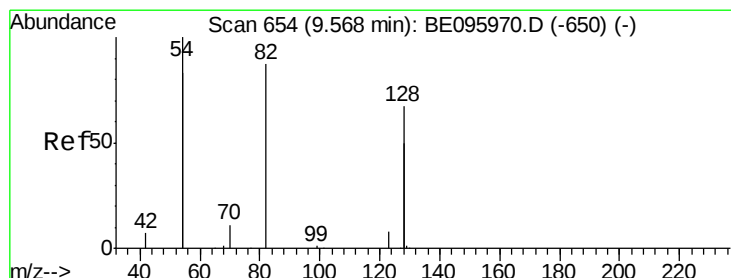
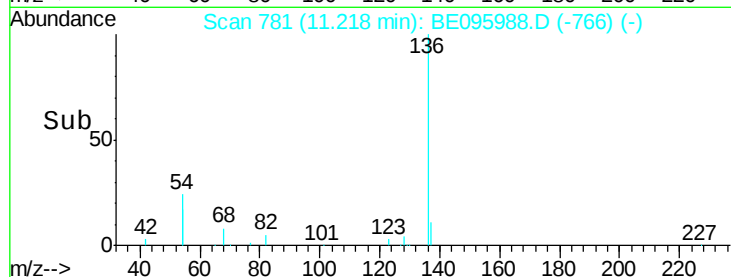
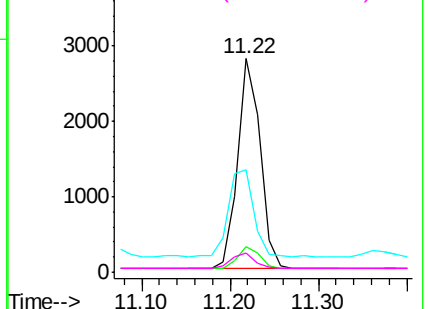


Abundance Ion 136.00 (135.70 to 136.70): E

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

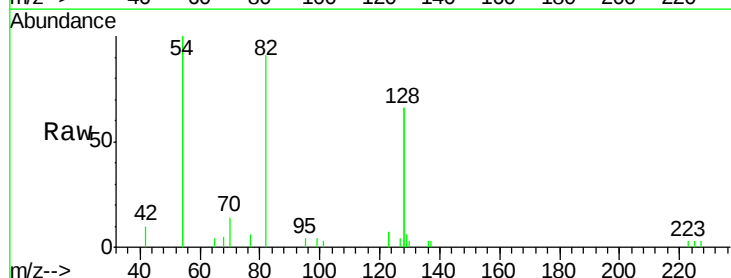
RT: 9.57 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

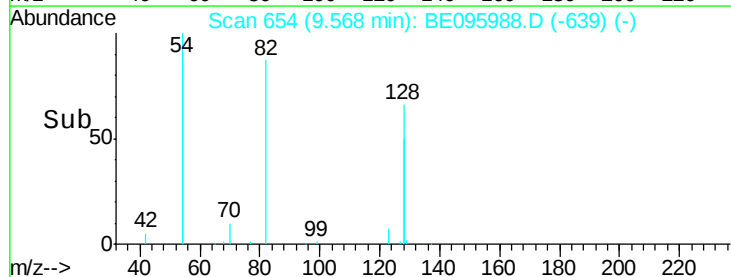
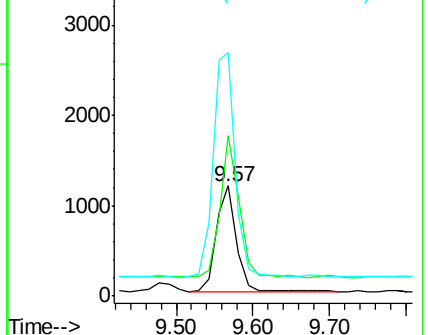
Tgt Ion: 82	Resp:	2135
Ion Ratio	Lower	Upper
82	100	
128	144.8	150.0 225.0#
54	220.5	154.2 231.4

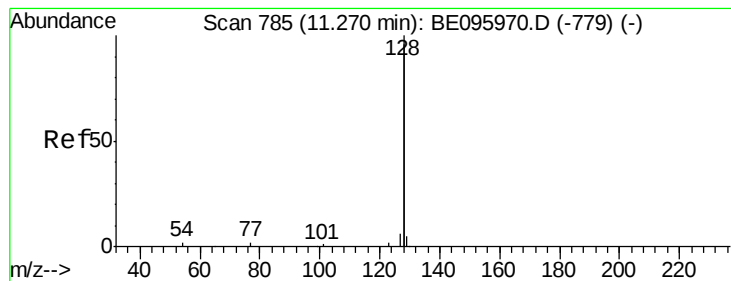


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.376 ng

RT: 11.27 min Scan# 785

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

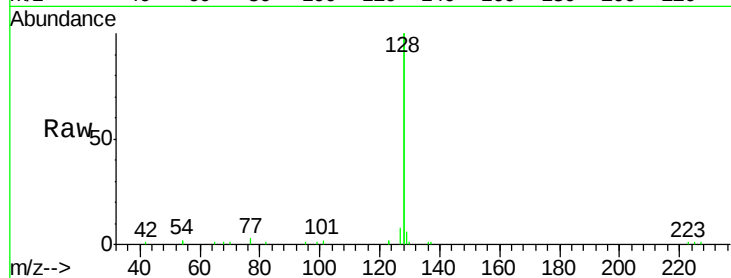
Tot Ion:128 Resp: 19535

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

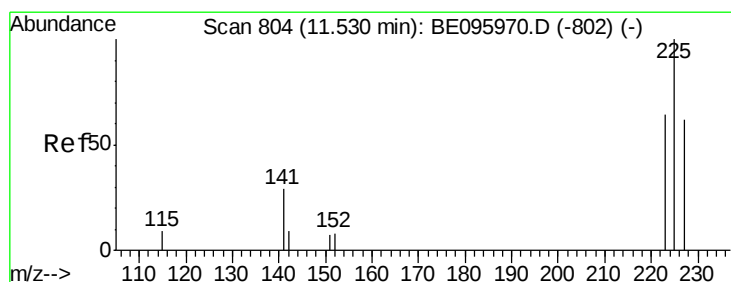
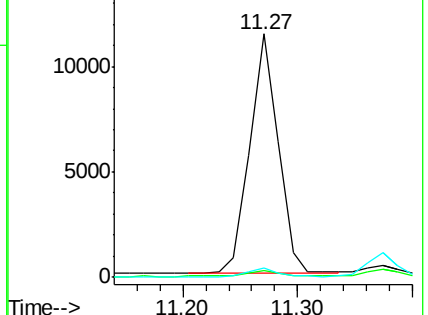
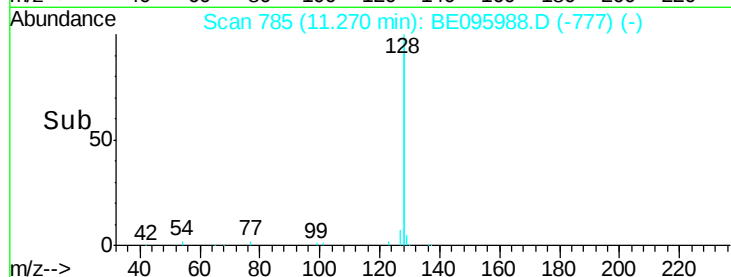
127 3.8 2.8 4.2



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: 0.348 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

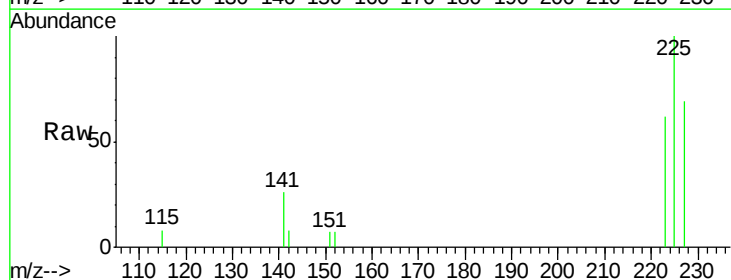
Tgt Ion:225 Resp: 801

Ion Ratio Lower Upper

225 100

223 58.1 53.0 79.6

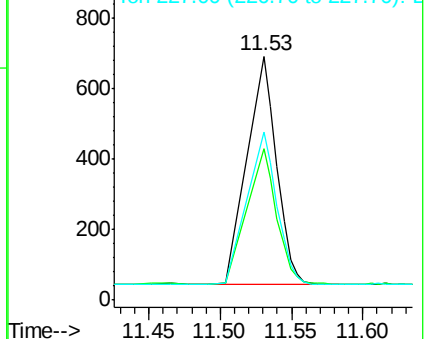
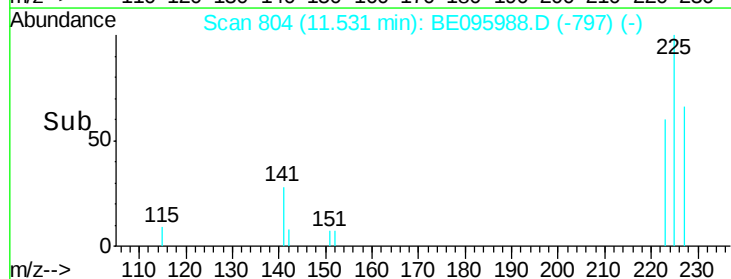
227 74.8 51.4 77.2

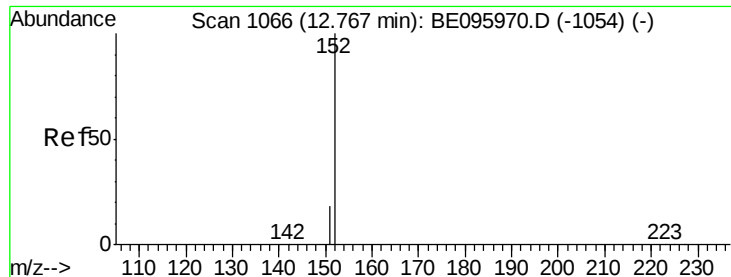


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

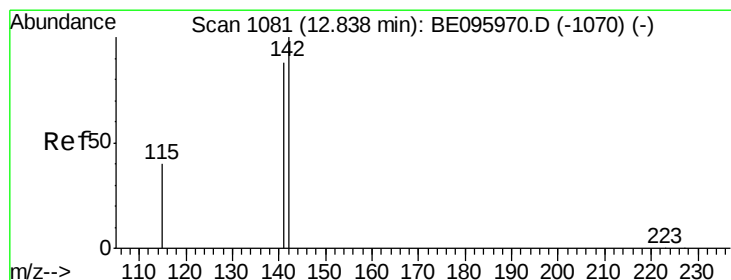
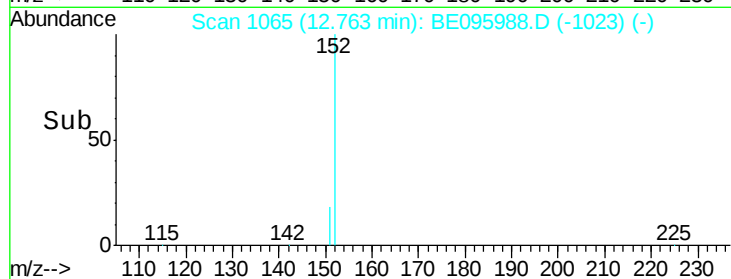
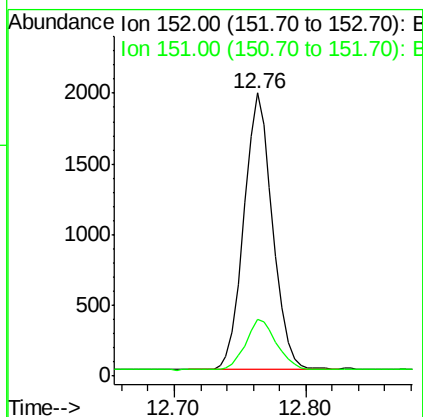
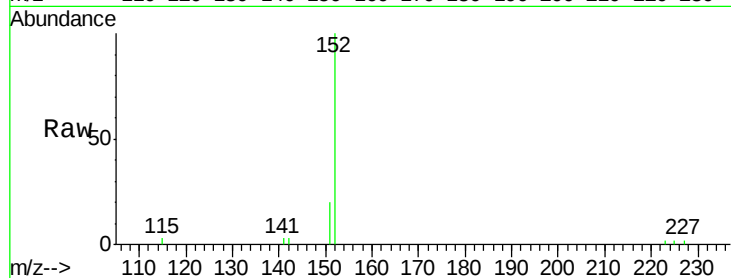




#11
 2-Methylnaphthalene-d10
 Concen: 0.376 ng
 RT: 12.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE095988.D
 Acq: 13 Apr 2018 8:58

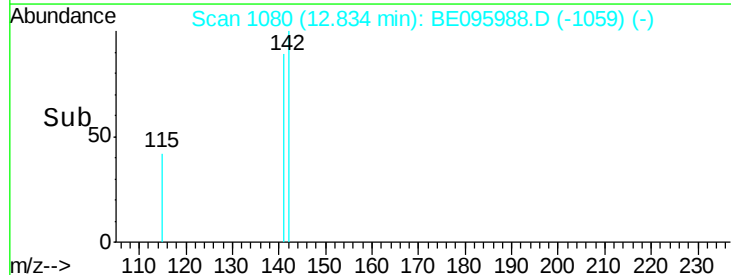
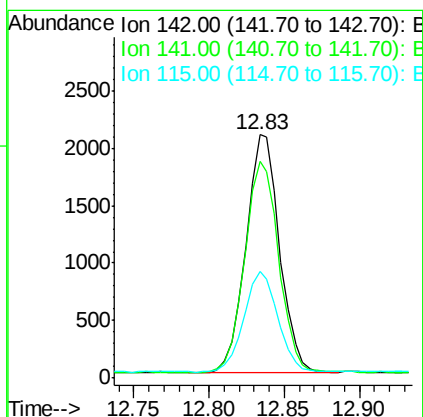
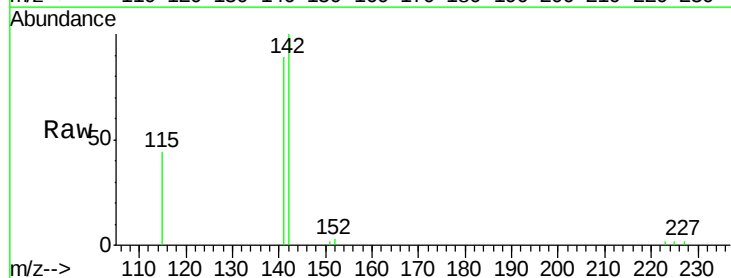
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2938
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.373 ng
 RT: 12.83 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BE095988.D
 Acq: 13 Apr 2018 8:58

Tgt Ion:142 Resp: 3213
 Ion Ratio Lower Upper
 142 100
 141 88.8 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: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampled :

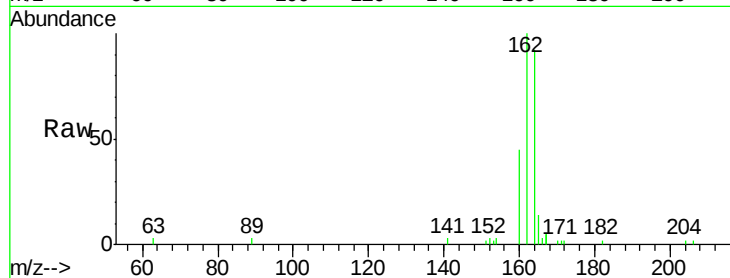
Tot Ion:164 Resp: 2673

Ion Ratio Lower Upper

164 100

162 109.1 83.1 124.7

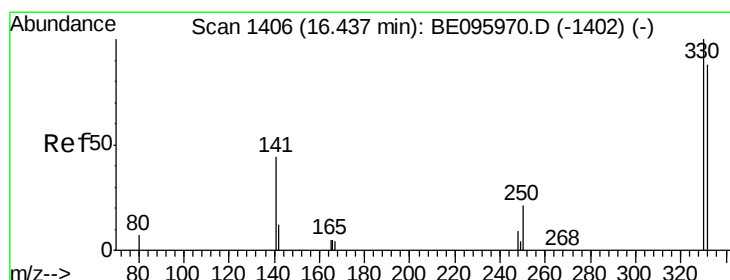
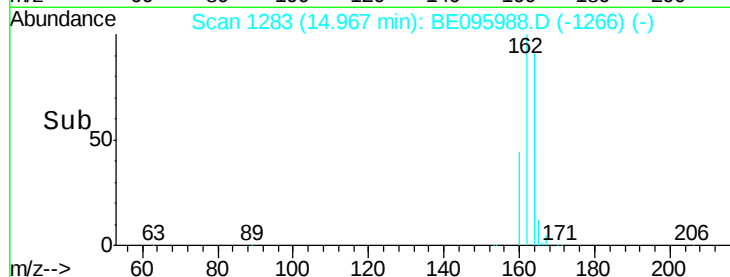
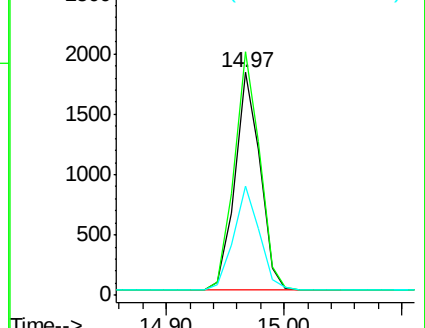
160 49.0 37.1 55.7



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: 0.382 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

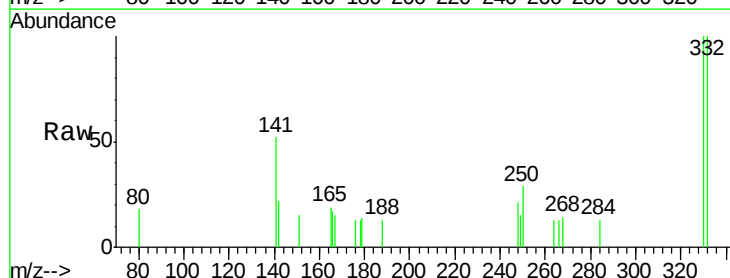
Tgt Ion:330 Resp: 493

Ion Ratio Lower Upper

330 100

332 98.2 152.7 229.1#

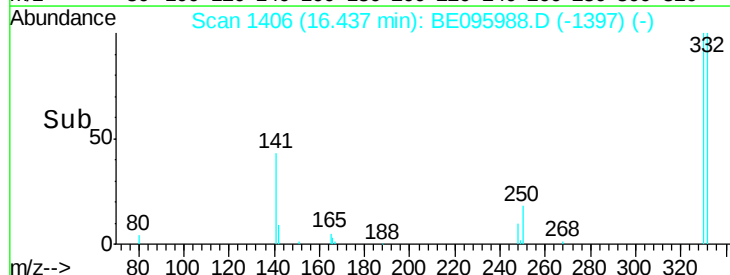
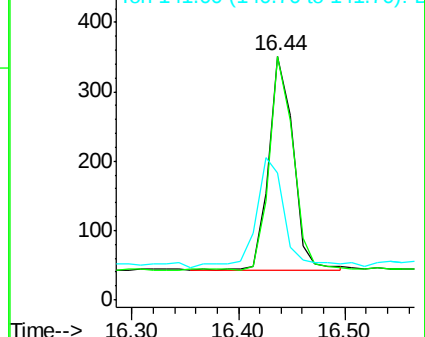
141 59.4 33.7 50.5#

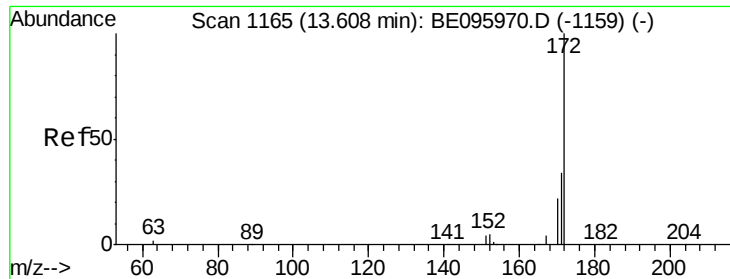


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

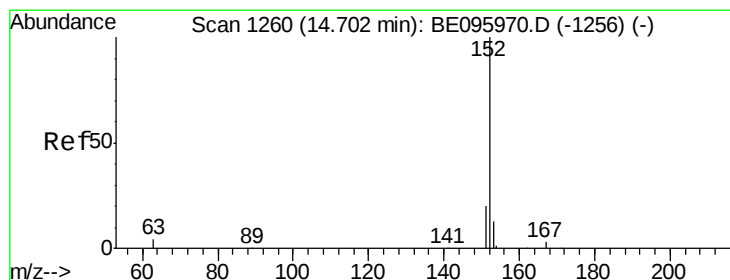
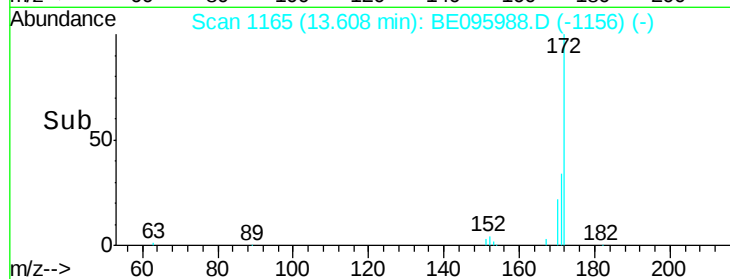
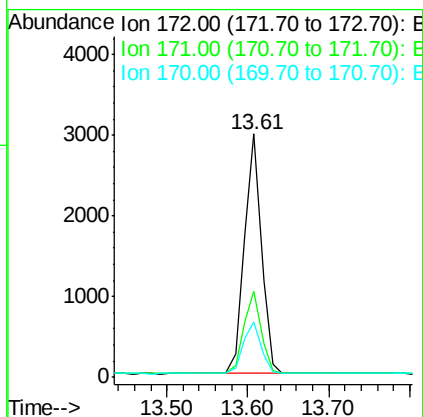
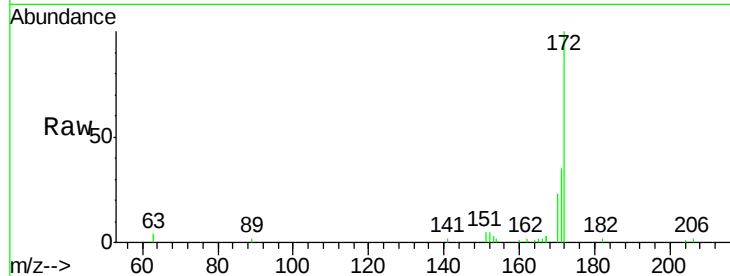




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095988.D
Acq: 13 Apr 2018 8:58

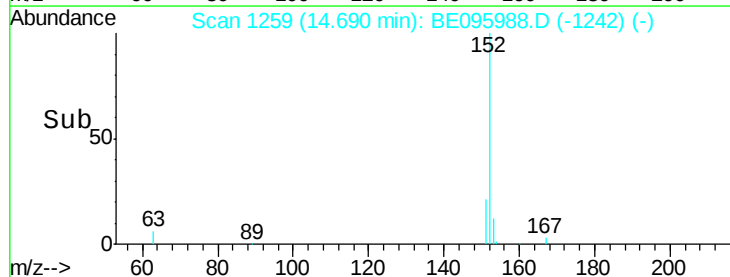
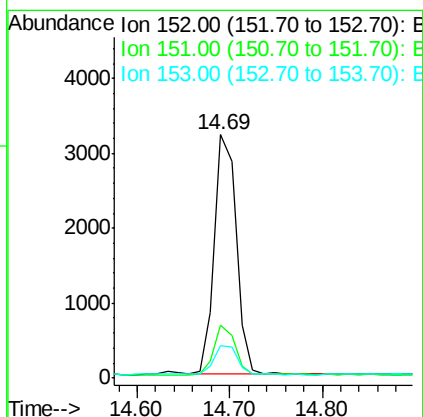
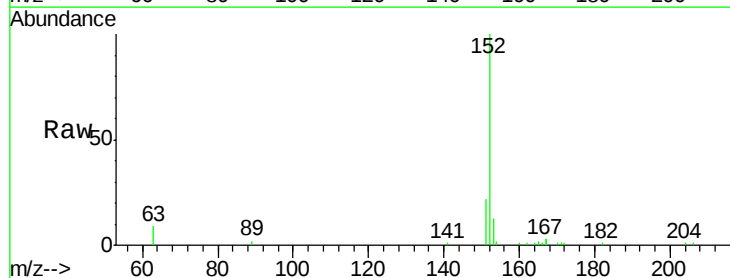
Instrument :
BNA_E
ClientSampleId :

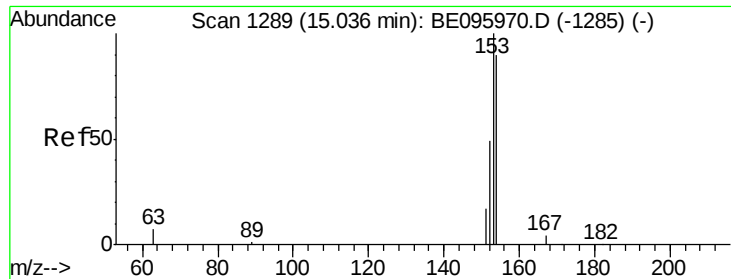
Tot Ion:172 Resp: 4302
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 22.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.69 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE095988.D
Acq: 13 Apr 2018 8:58

Tgt Ion:152 Resp: 5295
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.382 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

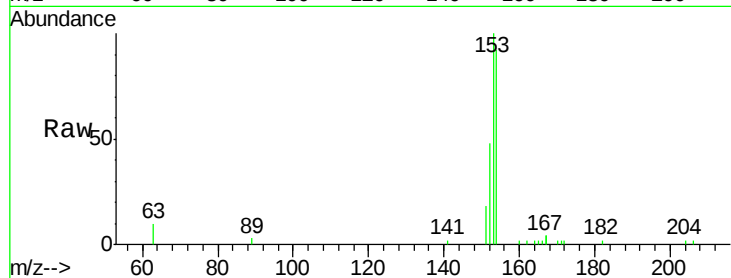
Tot Ion:154 Resp: 3275

Ion Ratio Lower Upper

154 100

153 114.8 89.2 133.8

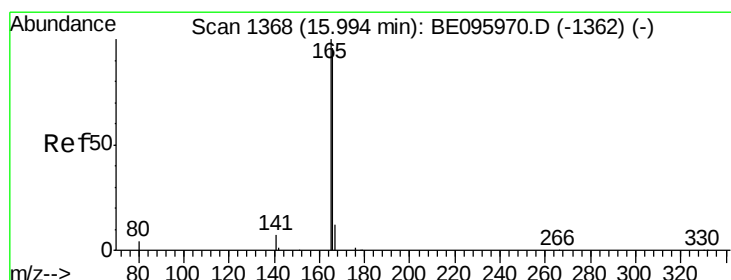
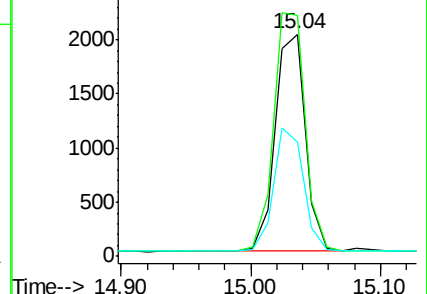
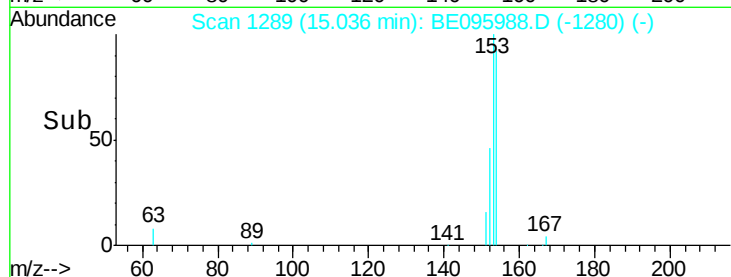
152 56.9 42.0 63.0



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: 0.382 ng

RT: 15.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

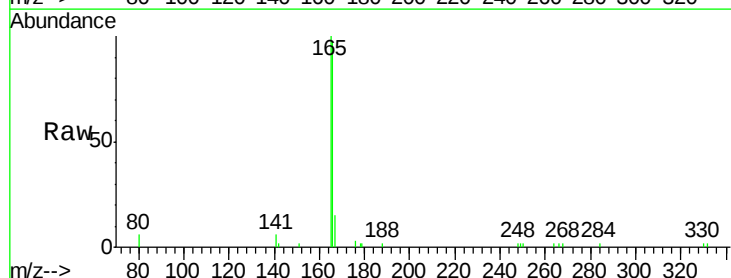
Tgt Ion:166 Resp: 4057

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.6

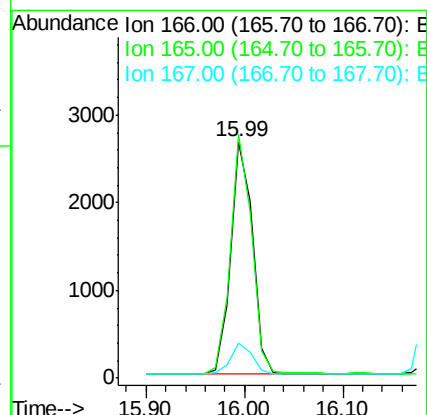
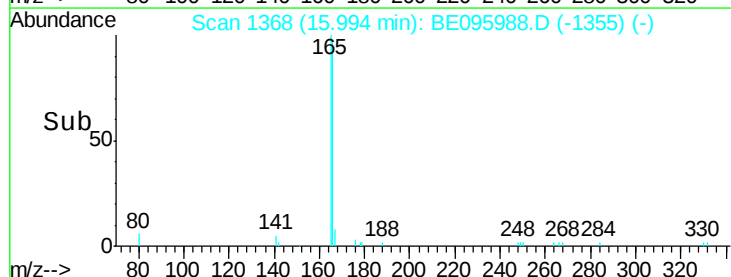
167 13.5 42.4 63.6#



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: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

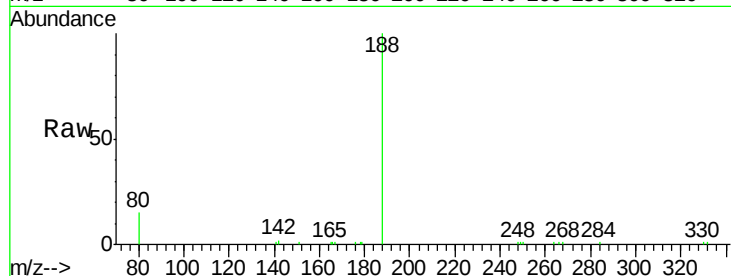
Tot Ion:188 Resp: 6702

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

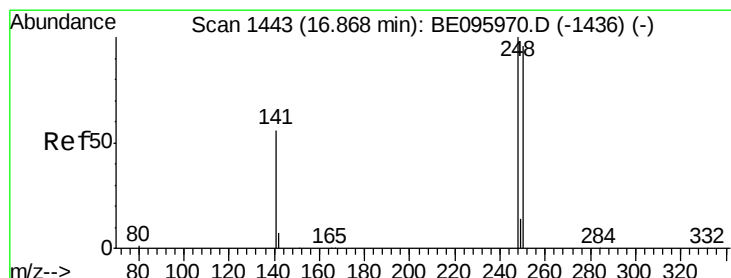
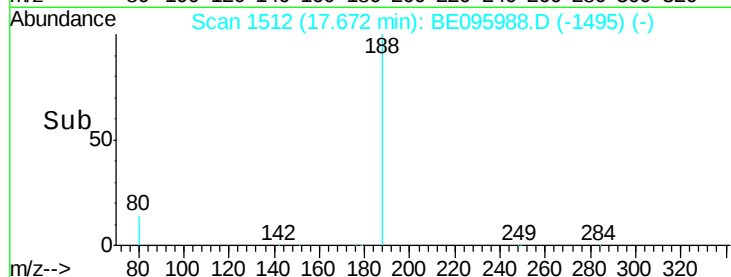
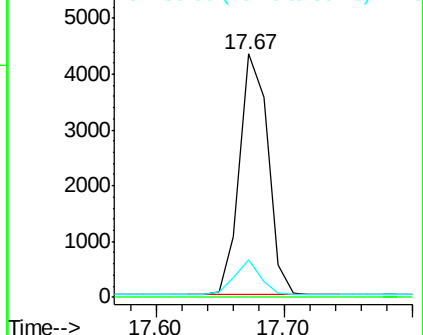
80 15.4 3.6 5.4#



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: 0.363 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

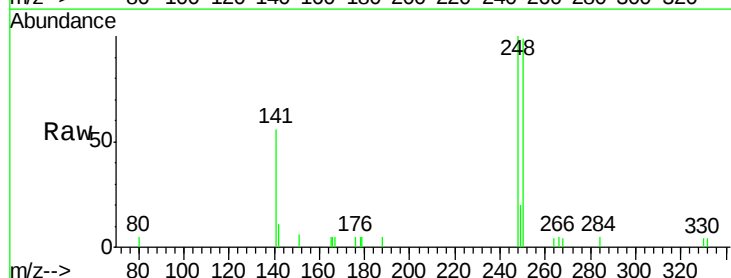
Tgt Ion:248 Resp: 1447

Ion Ratio Lower Upper

248 100

250 99.2 62.7 94.1#

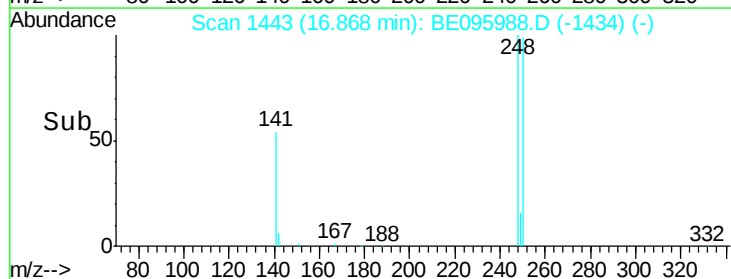
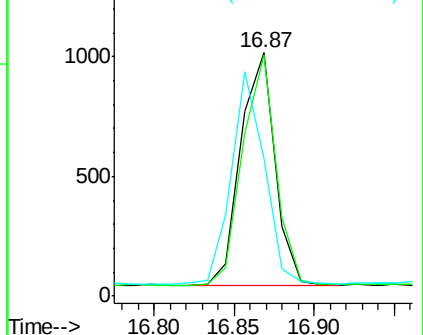
141 56.5 48.2 72.2



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: 0.370 ng

RT: 17.00 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

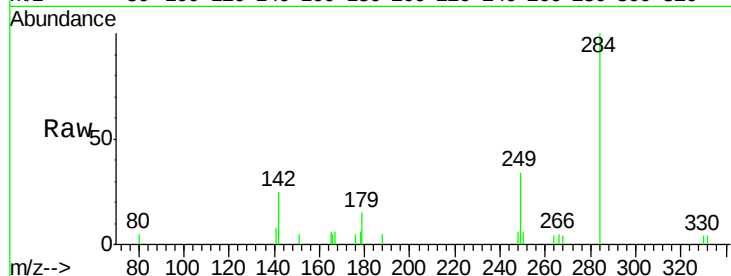
Tot Ion:284 Resp: 1469

Ion Ratio Lower Upper

284 100

142 42.5 22.1 33.1#

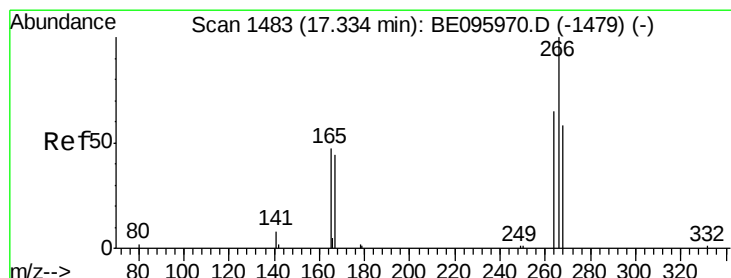
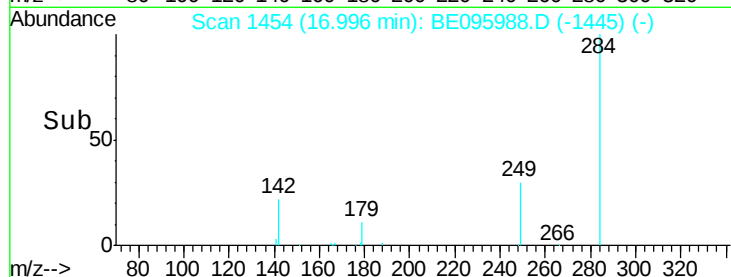
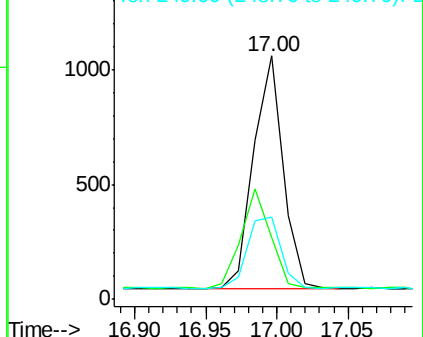
249 34.4 34.8 52.2#



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: 0.415 ng

RT: 17.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

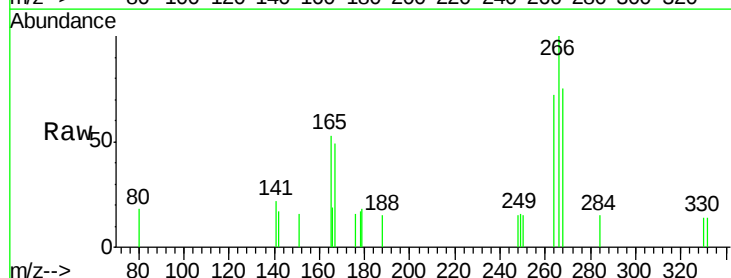
Tgt Ion:266 Resp: 511

Ion Ratio Lower Upper

266 100

264 72.4 72.5 108.7#

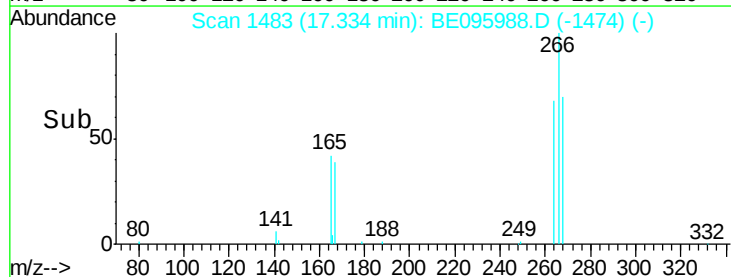
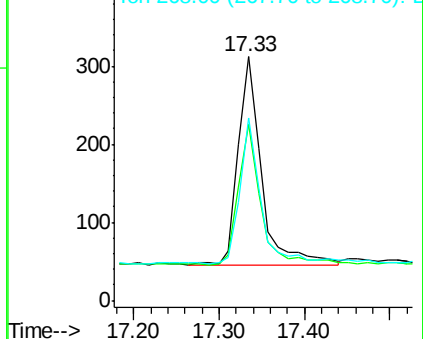
268 74.7 73.8 110.6

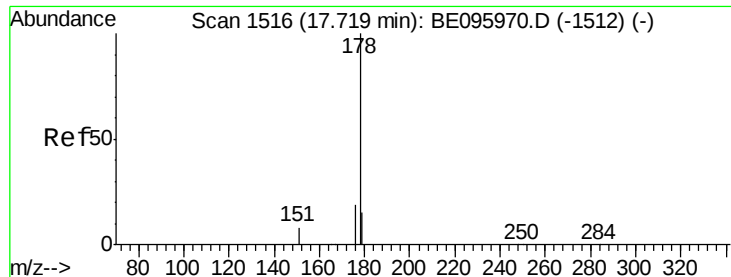


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.369 ng

RT: 17.72 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

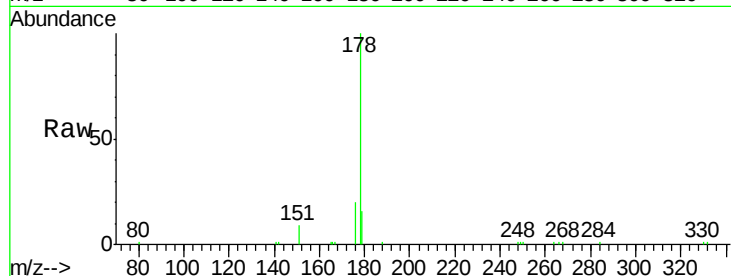
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 6940

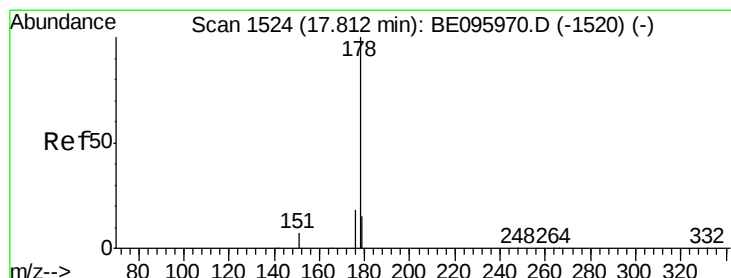
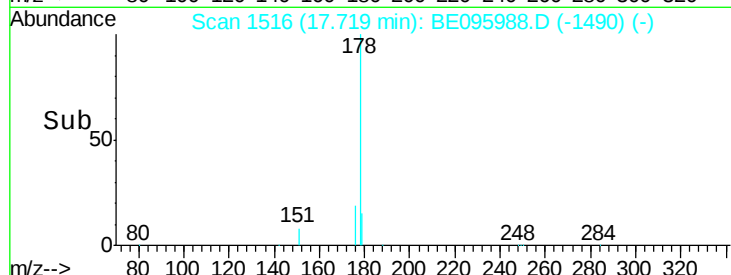
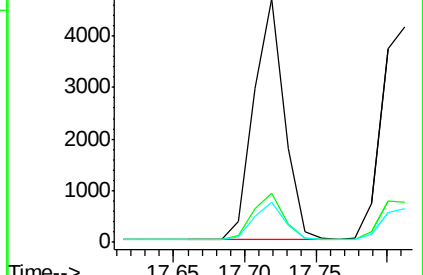
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.6	11.8	17.6



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



#24

Anthracene

Concen: 0.374 ng

RT: 17.81 min Scan# 1524

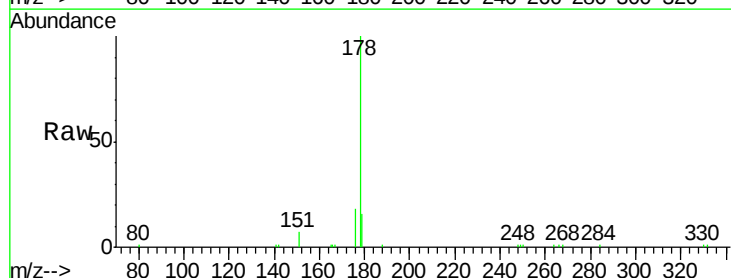
Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Tgt Ion:178 Resp: 6725

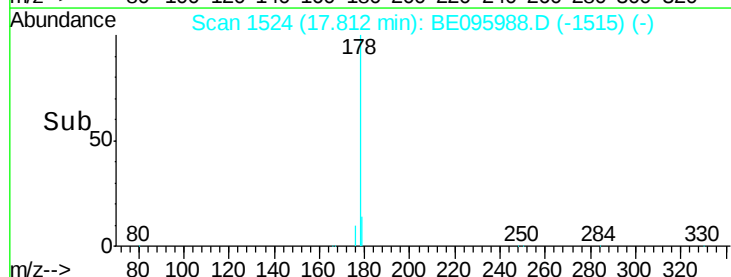
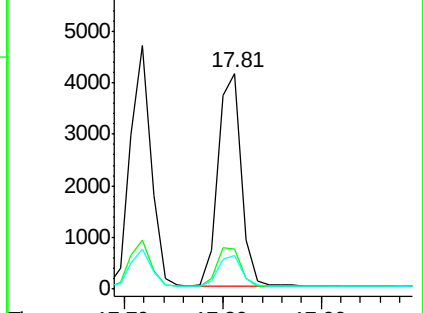
Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	14.8	13.0	19.6

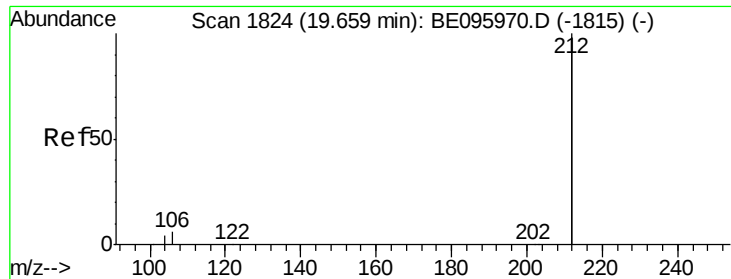


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

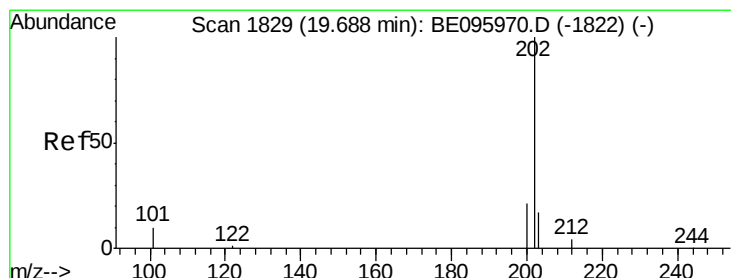
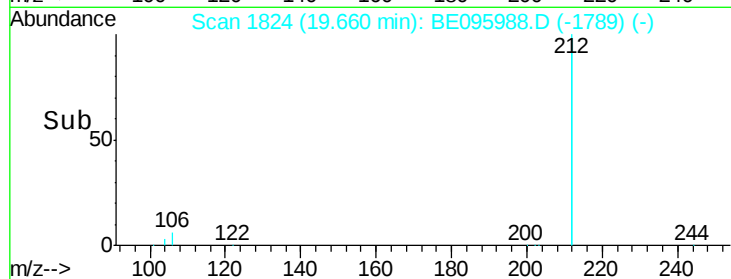
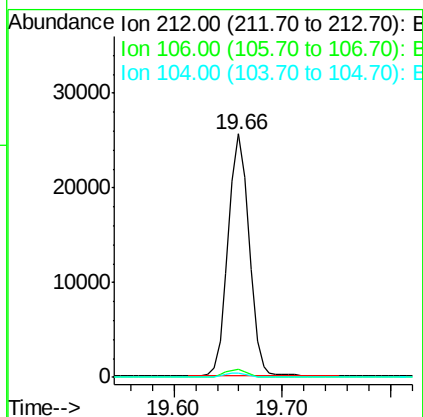
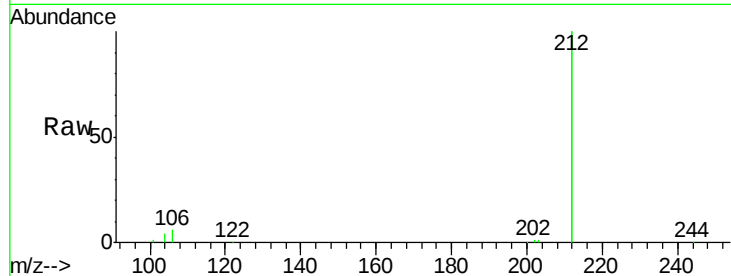




#25
 Fluoranthene-d10
 Concen: 0.376 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BE095988.D
 Acq: 13 Apr 2018 8:58

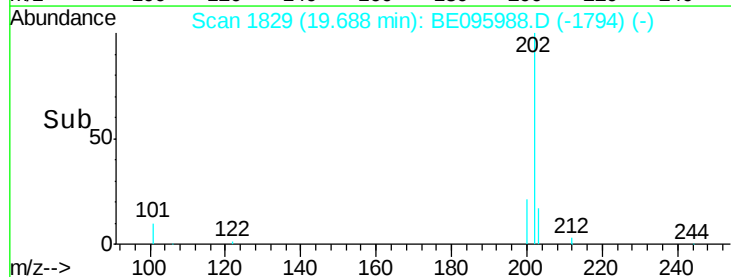
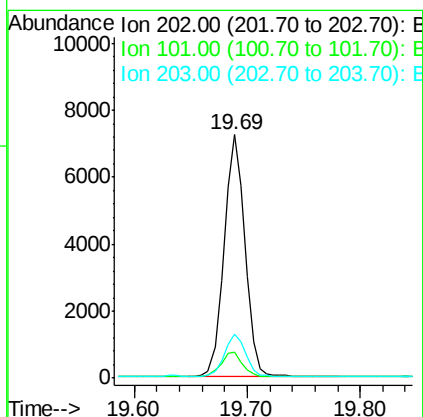
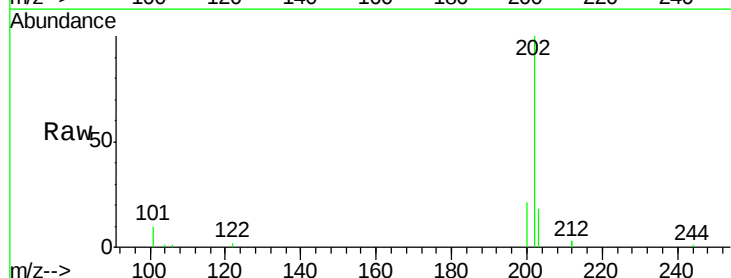
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 34193
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: 0.377 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE095988.D
 Acq: 13 Apr 2018 8:58

Tgt Ion:202 Resp: 9316
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.8 14.8
 203 16.9 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

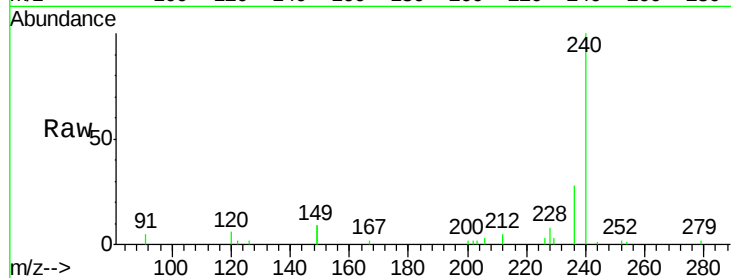
Tot Ion:240 Resp: 7453

Ion Ratio Lower Upper

240 100

120 6.5 5.5 8.3

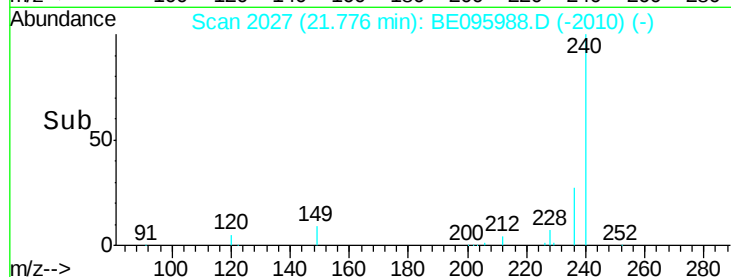
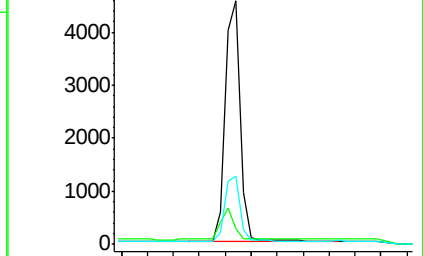
236 27.8 20.7 31.1



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: 0.359 ng

RT: 20.05 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

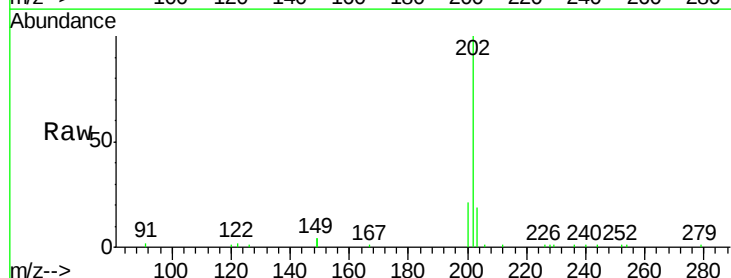
Tgt Ion:202 Resp: 5262

Ion Ratio Lower Upper

202 100

200 21.9 16.6 25.0

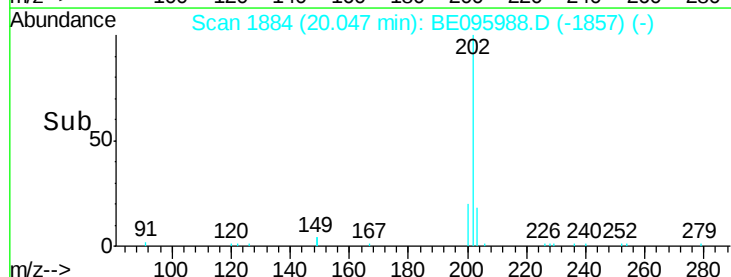
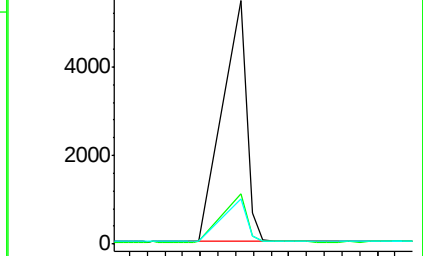
203 15.1 13.8 20.8



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: 0.401 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

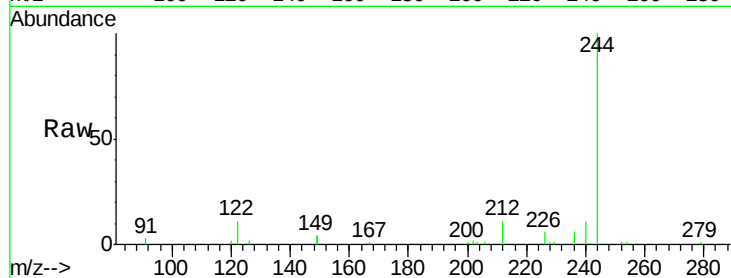
Tot Ion:244 Resp: 6610

Ion Ratio Lower Upper

244 100

212 11.0 25.4 38.0#

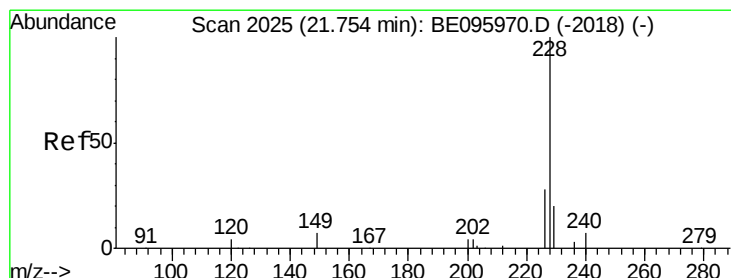
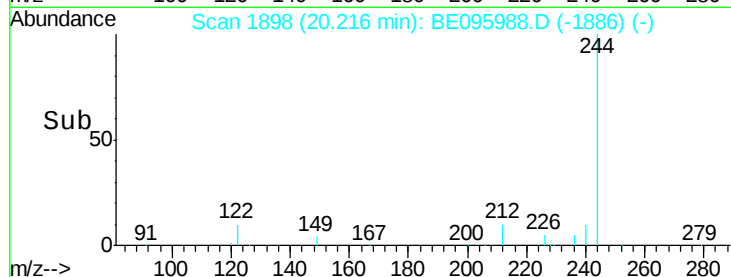
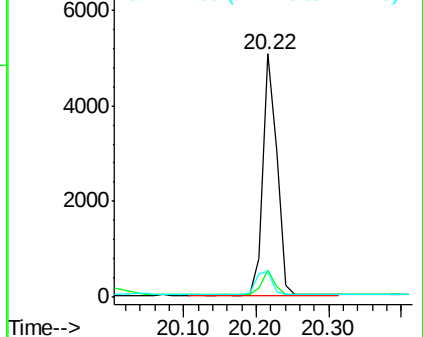
122 10.9 8.1 12.1



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: 0.377 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

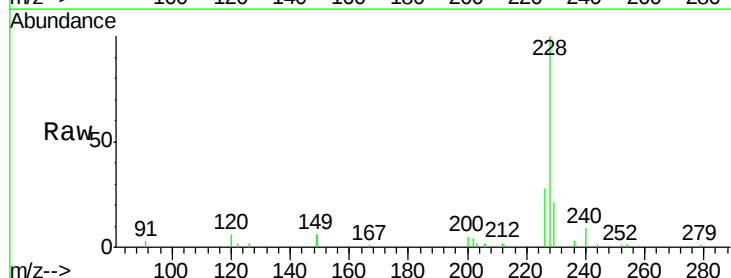
Tgt Ion:228 Resp: 9011

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

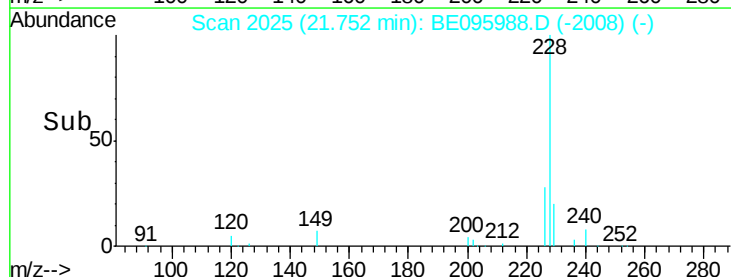
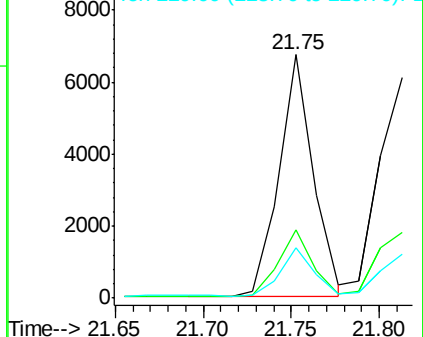
229 20.7 16.0 24.0



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: 0.382 ng

RT: 21.81 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

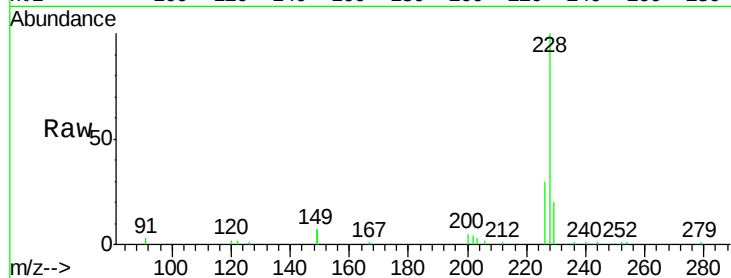
Tot Ion:228 Resp: 8823

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

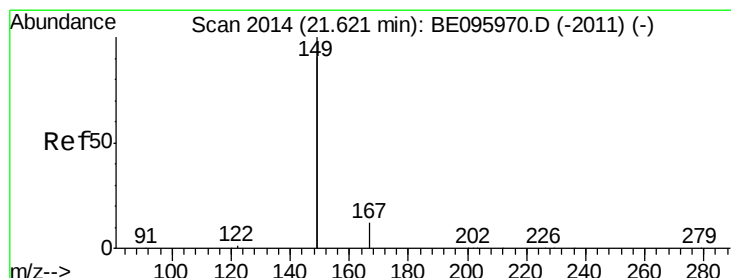
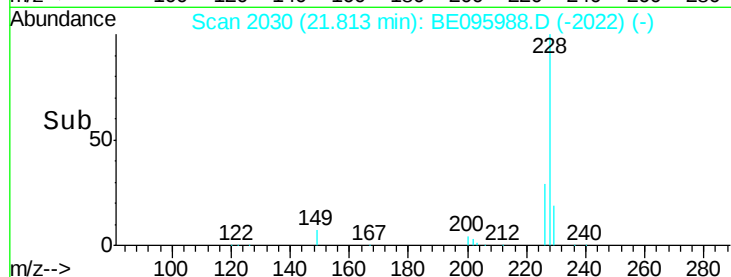
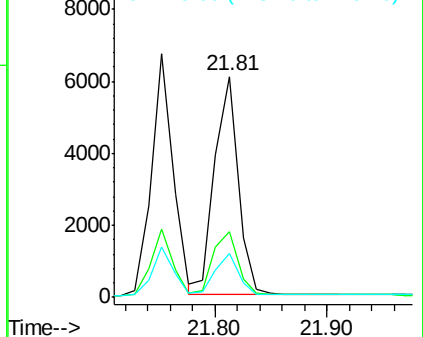
229 19.7 16.0 24.0



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: 0.380 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

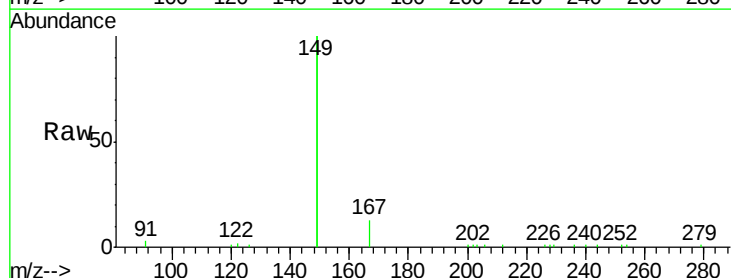
Tgt Ion:149 Resp: 23445

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

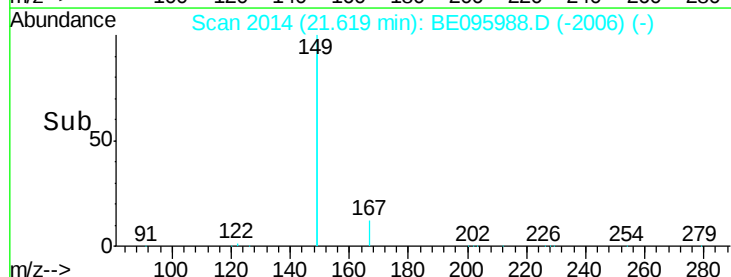
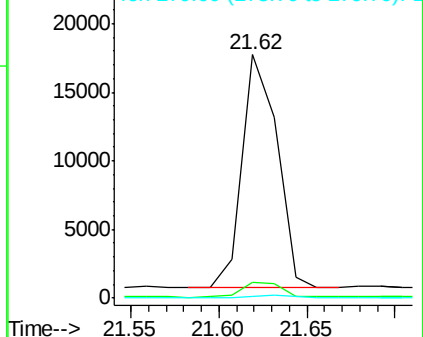
279 0.9 0.7 1.1



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: 0.383 ng

RT: 27.17 min Scan# 3485

Delta R.T. 0.00 min

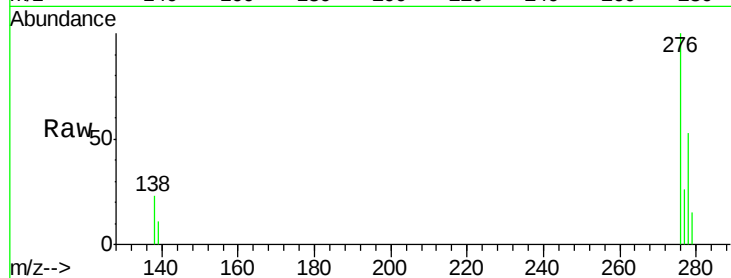
Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :



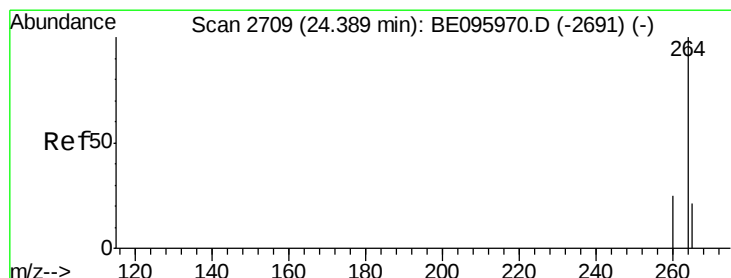
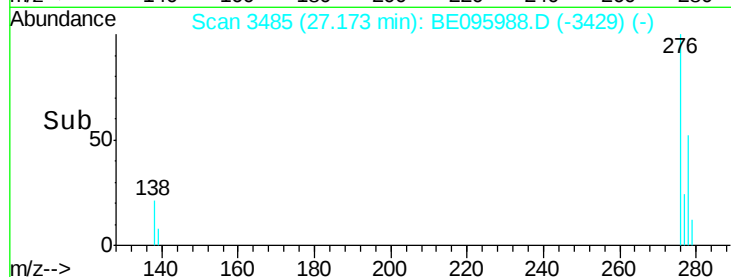
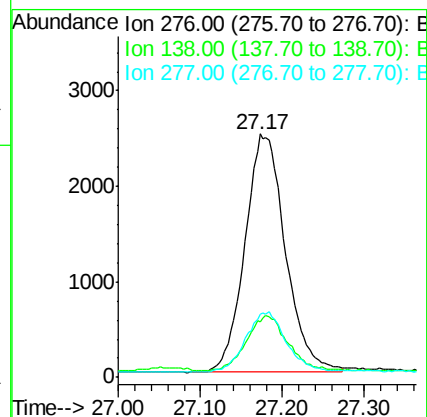
Tot Ion:276 Resp: 8575

Ion Ratio Lower Upper

276 100

138 23.2 22.5 33.7

277 24.6 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: BE095988.D

Acq: 13 Apr 2018 8:58

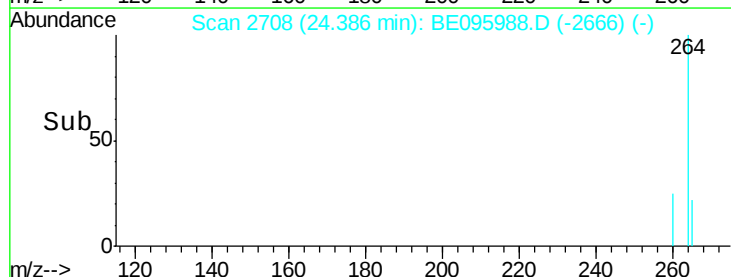
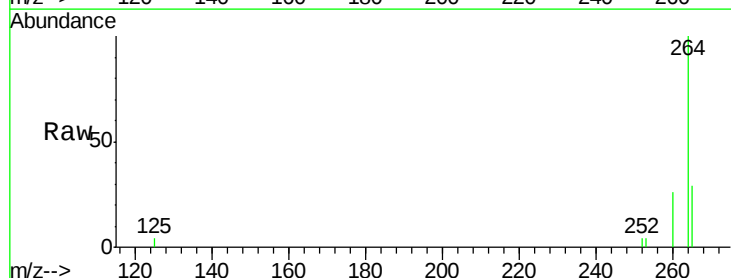
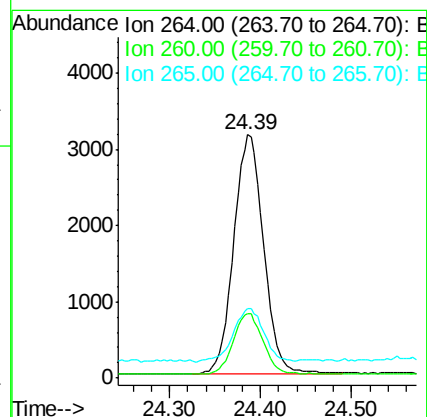
Tgt Ion:264 Resp: 7136

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 28.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.380 ng

RT: 23.57 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

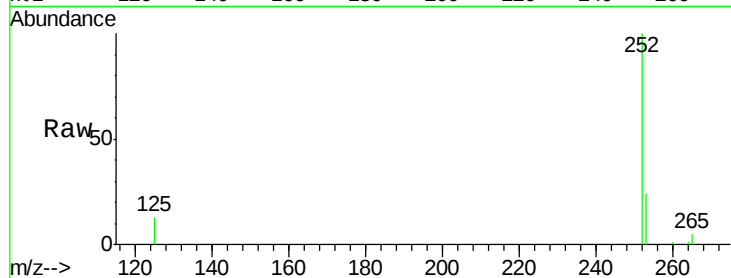
Tot Ion:252 Resp: 8142

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

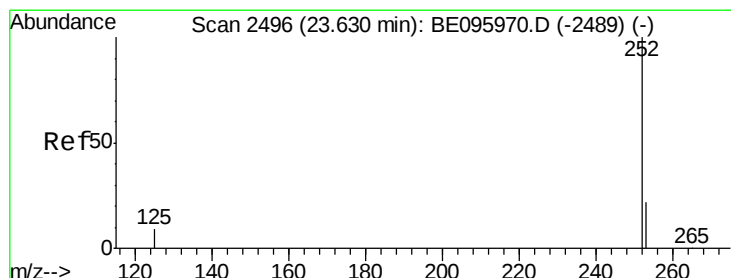
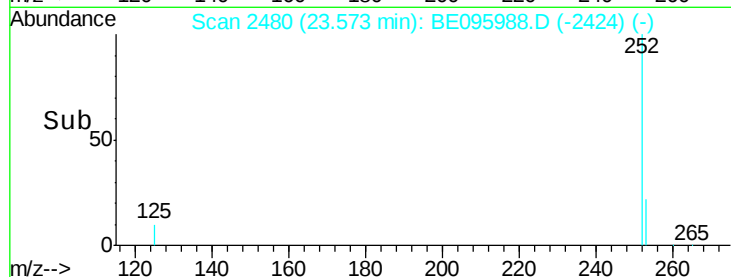
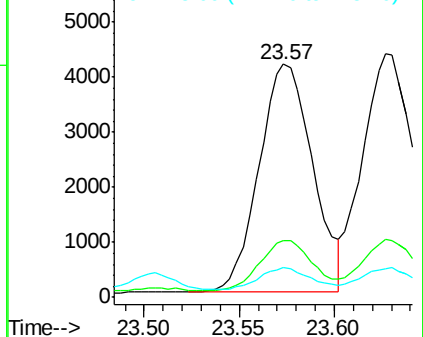
125 12.8 16.0 24.0#



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: 0.371 ng

RT: 23.63 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

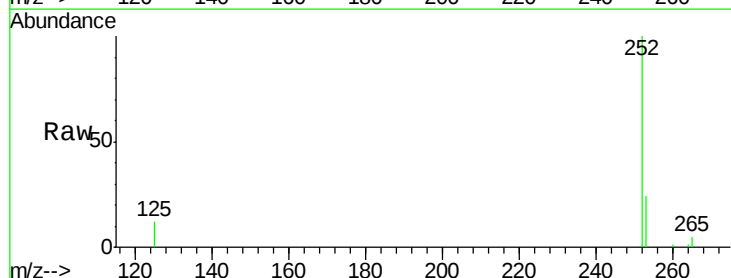
Tgt Ion:252 Resp: 8158

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

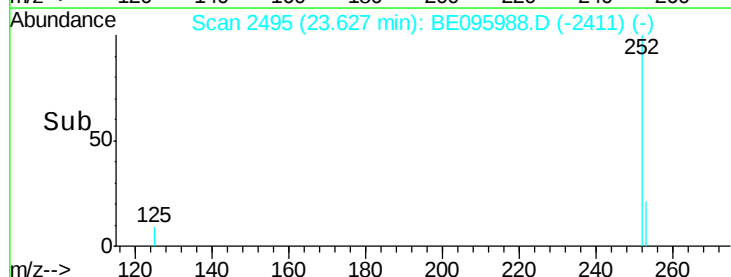
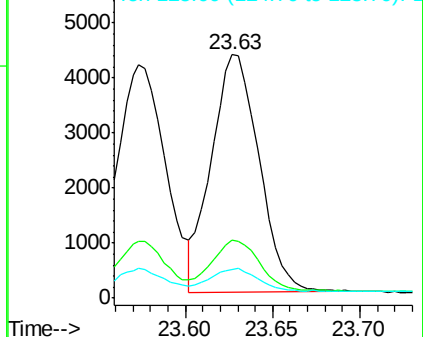
125 11.5 8.0 12.0



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: 0.375 ng

RT: 24.27 min Scan# 2675

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :

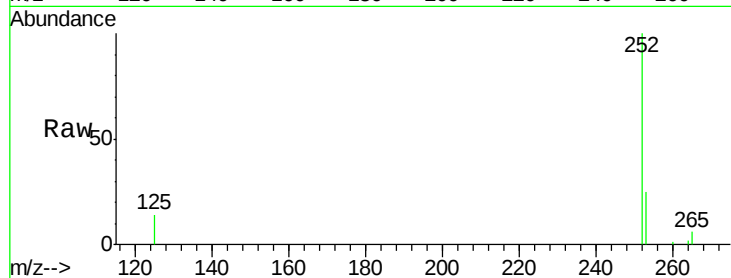
Tot Ion:252 Resp: 7721

Ion Ratio Lower Upper

252 100

253 24.7 16.0 24.0#

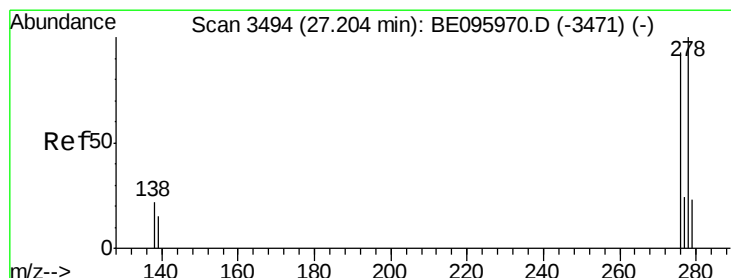
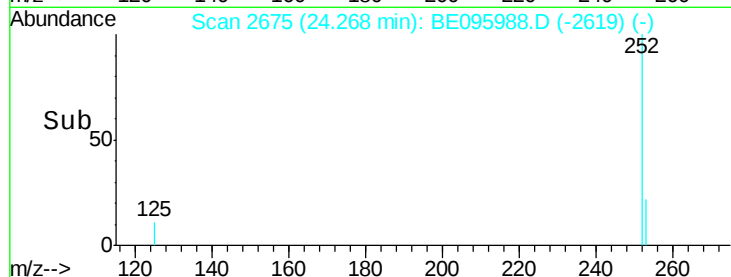
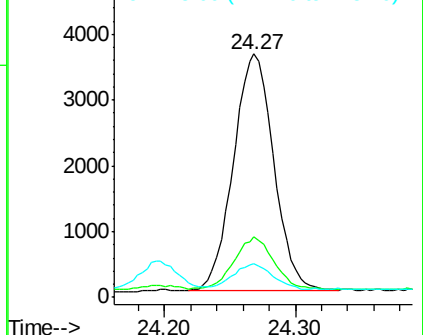
125 13.8 12.0 18.0



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: 0.379 ng

RT: 27.19 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

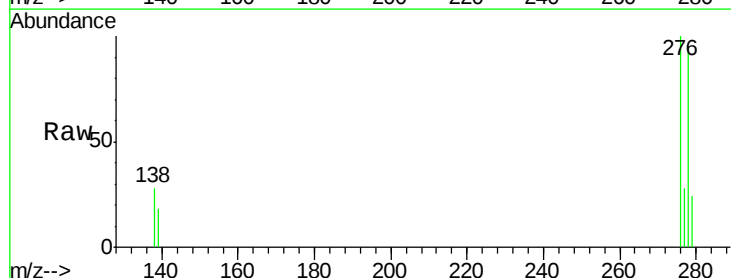
Tgt Ion:278 Resp: 6882

Ion Ratio Lower Upper

278 100

139 19.3 16.0 24.0

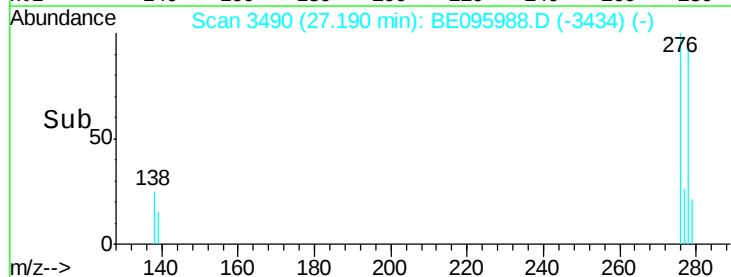
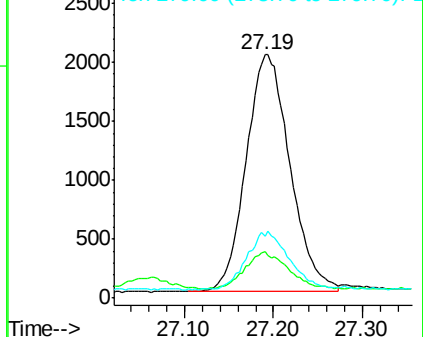
279 25.6 20.0 30.0



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: 0.382 ng

RT: 28.05 min Scan# 3730

Delta R.T. 0.00 min

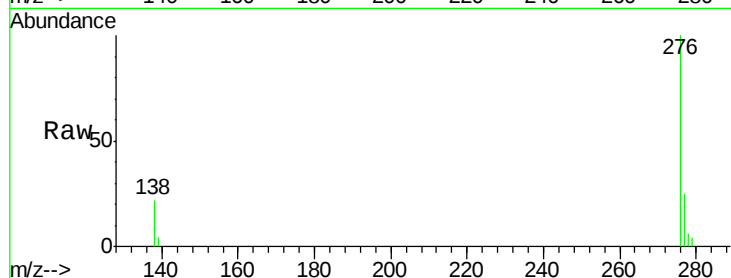
Lab File: BE095988.D

Acq: 13 Apr 2018 8:58

Instrument :

BNA_E

ClientSampleId :



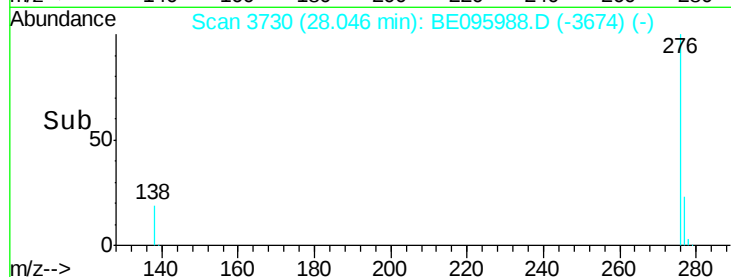
Tot Ion: 276 Resp: 7325

Ion Ratio Lower Upper

276 100

277 25.3 16.0 24.0#

138 21.7 20.0 30.0



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

