

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095974.D
 Acq On : 11 Apr 2018 17:09
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 11 17:45:19 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 17:26:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1302	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5002	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2767	0.40	ng	0.00
19) Phenanthrene-d10	17.68	188	6597	0.40	ng	0.00
27) Chrysene-d12	21.78	240	7311	0.40	ng	0.00
34) Perylene-d12	24.39	264	6825	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.89	112	1503	0.37	ng	0.00
5) Phenol-d6	7.53	99	2069	0.37	ng	0.00
8) Nitrobenzene-d5	9.57	82	2202	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.77	152	2986	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	486	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	4480	0.38	ng	0.00
25) Fluoranthene-d10	19.66	212	33363	0.37	ng	0.00
29) Terphenyl-d14	20.22	244	6141	0.38	ng	0.00

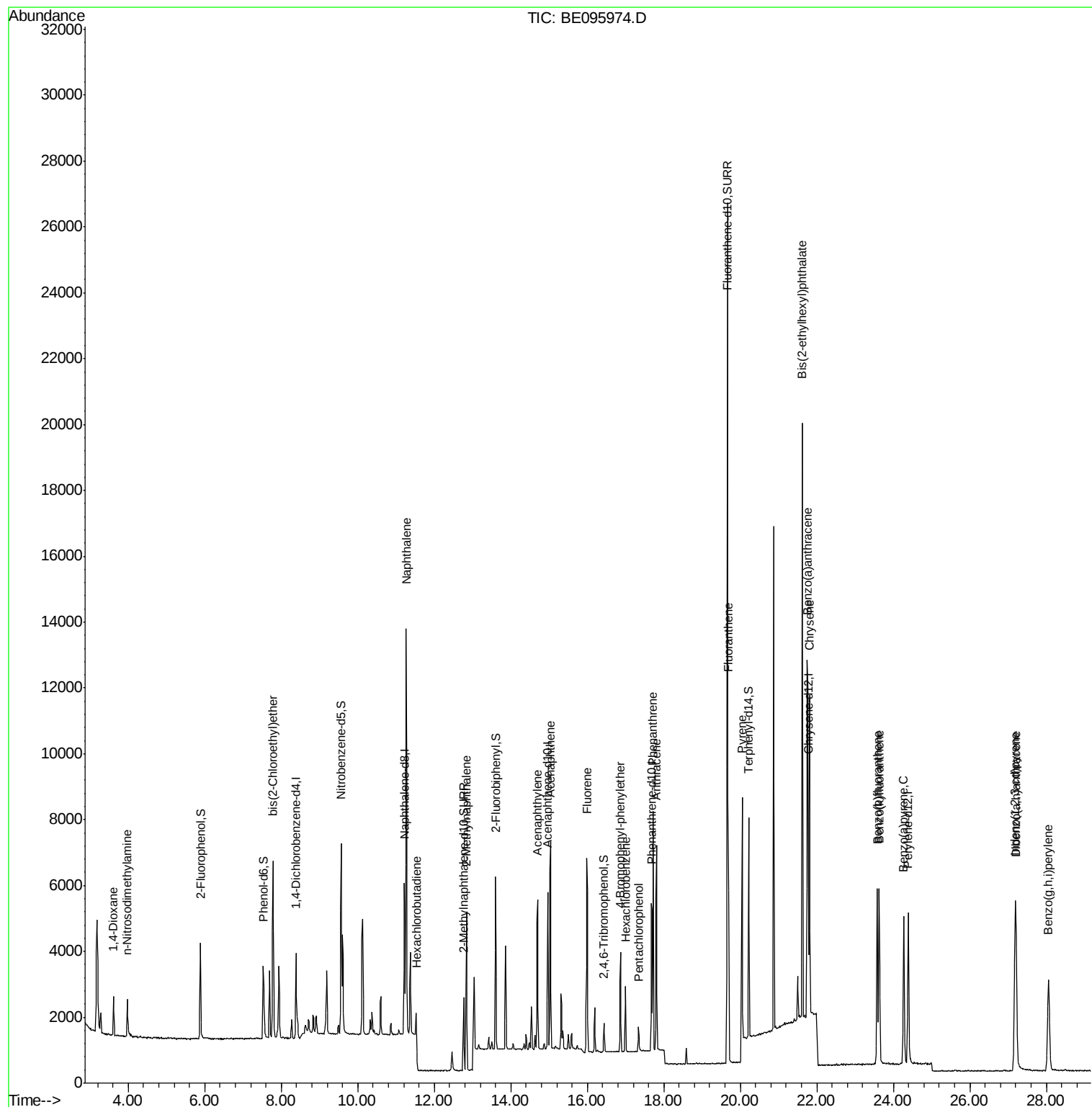
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	748	0.372	ng	# 88
3) n-Nitrosodimethylamine	3.97	42	929	0.377	ng	# 80
6) bis(2-Chloroethyl)ether	7.78	93	1800	0.368	ng	98
9) Naphthalene	11.27	128	19705	0.374	ng	99
10) Hexachlorobutadiene	11.53	225	1100	0.471	ng	86
12) 2-Methylnaphthalene	12.84	142	3256	0.373	ng	95
16) Acenaphthylene	14.70	152	5413	0.366	ng	99
17) Acenaphthene	15.04	154	3338	0.376	ng	96
18) Fluorene	15.99	166	4145	0.377	ng	# 79
20) 4-Bromophenyl-phenylether	16.87	248	1455	0.371	ng	# 85
21) Hexachlorobenzene	17.00	284	1483	0.380	ng	# 81
22) Pentachlorophenol	17.33	266	427	0.373	ng	# 73
23) Phenanthrene	17.72	178	7017	0.379	ng	99
24) Anthracene	17.81	178	6636	0.375	ng	96
26) Fluoranthene	19.69	202	9088	0.373	ng	98
28) Pyrene	20.05	202	4604	0.320	ng	# 91
30) Benzo(a)anthracene	21.75	228	8583	0.366	ng	97
31) Chrysene	21.81	228	8540	0.377	ng	98
32) Bis(2-ethylhexyl)phthalate	21.62	149	21806	0.360	ng	99
33) Indeno(1,2,3-cd)pyrene	27.18	276	8059	0.367	ng	94
35) Benzo(b)fluoranthene	23.58	252	7724	0.377	ng	# 90
36) Benzo(k)fluoranthene	23.63	252	7613	0.362	ng	94
37) Benzo(a)pyrene	24.27	252	7322	0.372	ng	# 92
38) Dibenzo(a,h)anthracene	27.20	278	6341	0.366	ng	96
39) Benzo(g,h,i)perylene	28.06	276	6907	0.376	ng	# 92

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

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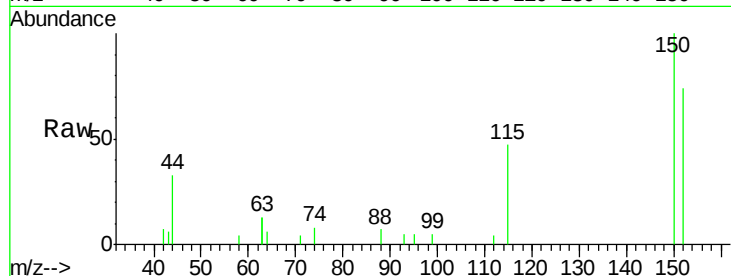


#1

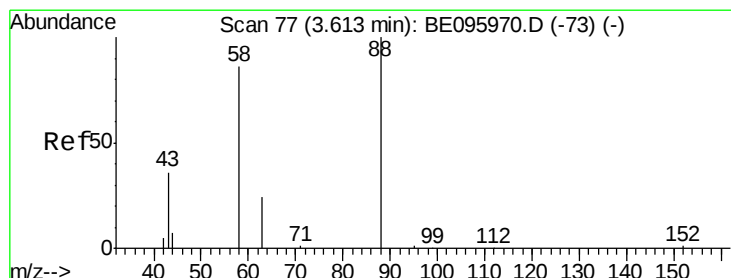
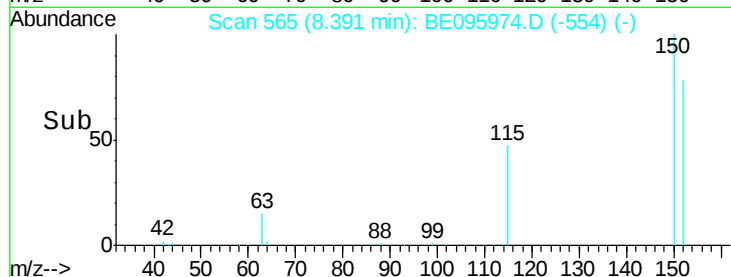
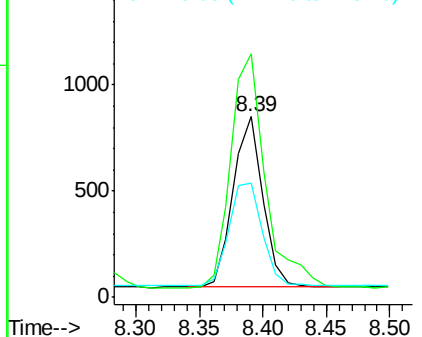
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095974.D
Acq: 11 Apr 2018 17:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1302
Ion Ratio Lower Upper
152 100
150 134.8 117.2 175.8
115 63.3 57.0 85.6



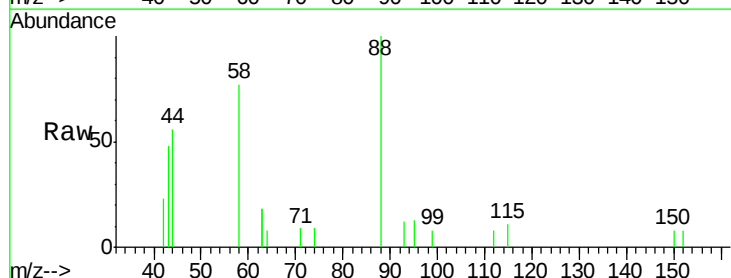
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



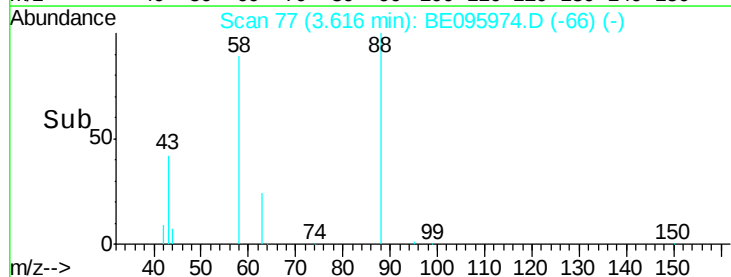
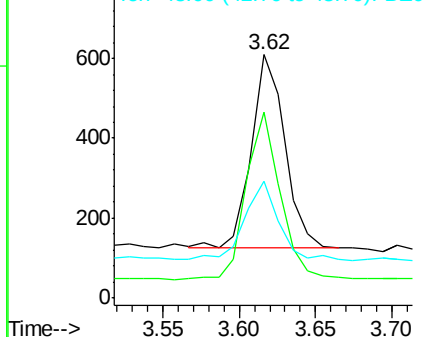
#2

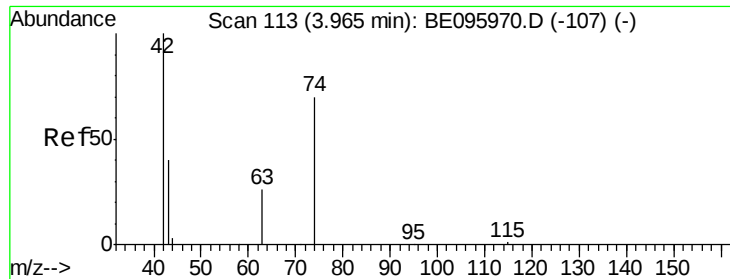
1,4-Dioxane
Concen: 0.372 ng
RT: 3.62 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095974.D
Acq: 11 Apr 2018 17:09

Tgt Ion: 88 Resp: 748
Ion Ratio Lower Upper
88 100
58 88.0 63.2 94.8
43 41.0 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



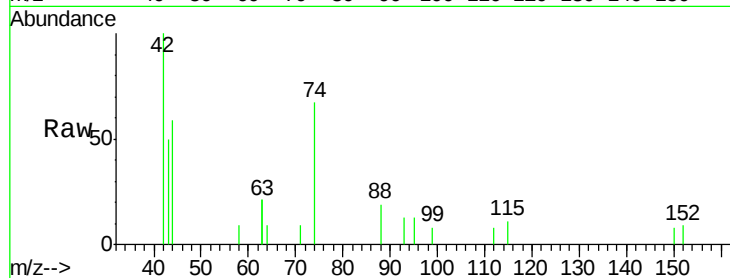


#3

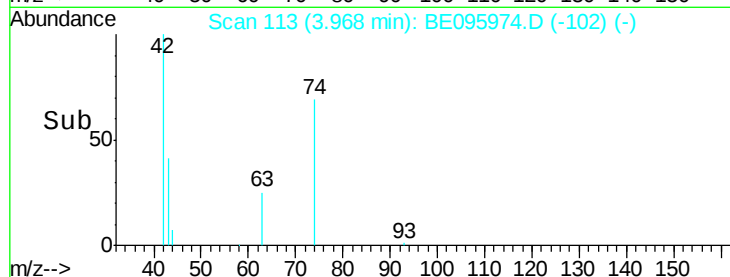
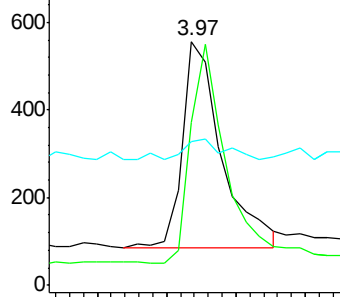
n-Nitrosodimethylamine
 Concen: 0.377 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BE095974.D
 Acq: 11 Apr 2018 17:09

Instrument :
 BNA_E
 ClientSampleId :

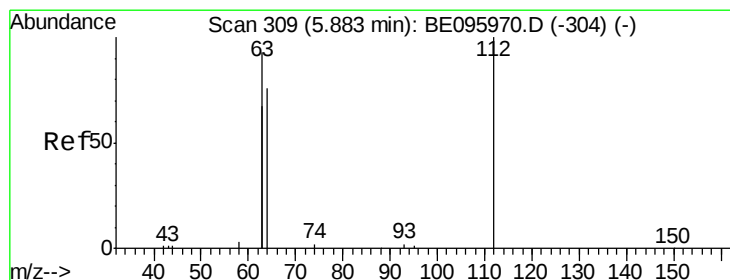
Tot Ion: 42 Resp: 929
 Ion Ratio Lower Upper
 42 100
 74 96.7 96.0 144.0
 44 9.9 12.0 18.0#



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



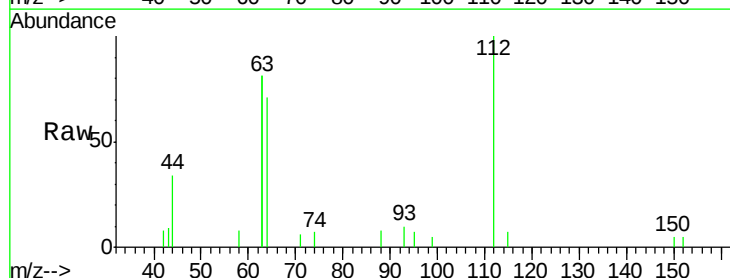
Time-->



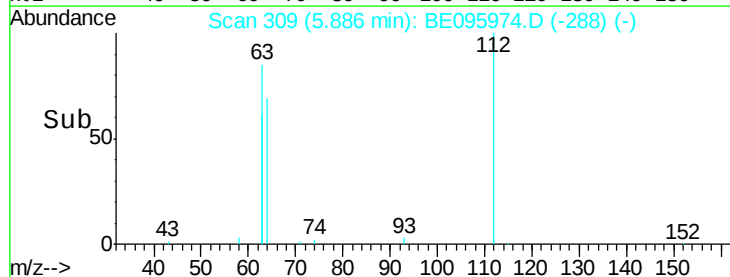
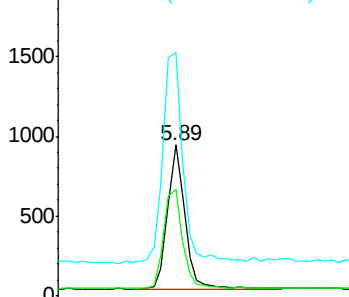
#4

2-Fluorophenol
 Concen: 0.373 ng
 RT: 5.89 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BE095974.D
 Acq: 11 Apr 2018 17:09

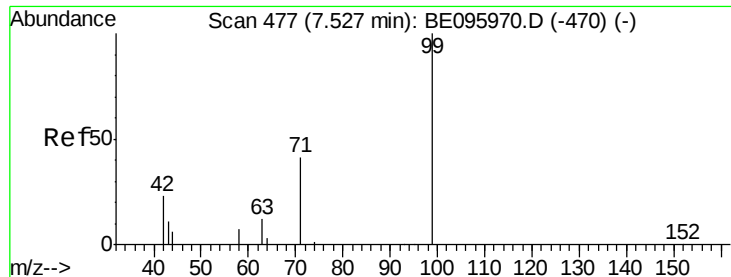
Tgt Ion: 112 Resp: 1503
 Ion Ratio Lower Upper
 112 100
 64 74.8 60.1 90.1
 63 168.9 116.8 175.2



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



Time-->



#5

Phenol-d6

Concen: 0.372 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

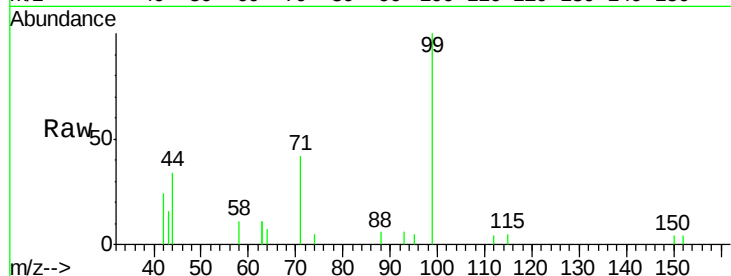
Tot Ion: 99 Resp: 2069

Ion Ratio Lower Upper

99 100

42 27.3 20.2 30.2

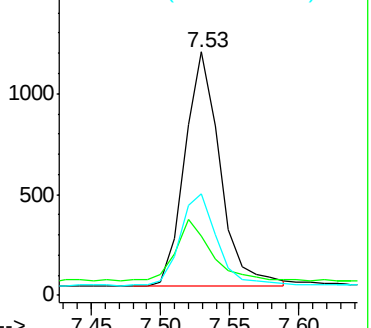
71 41.1 28.4 42.6



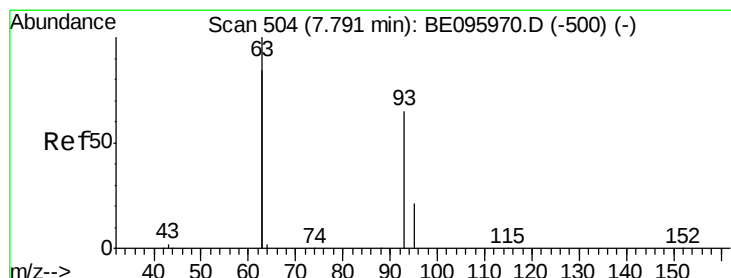
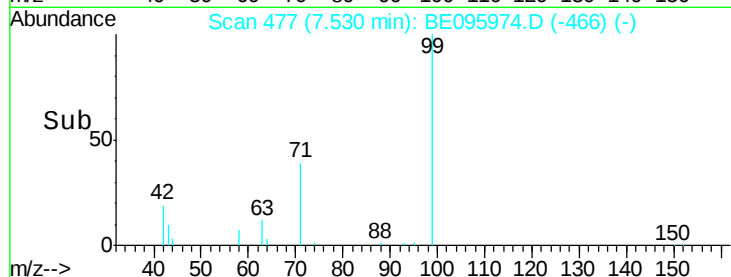
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.368 ng

RT: 7.78 min Scan# 503

Delta R.T. -0.01 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

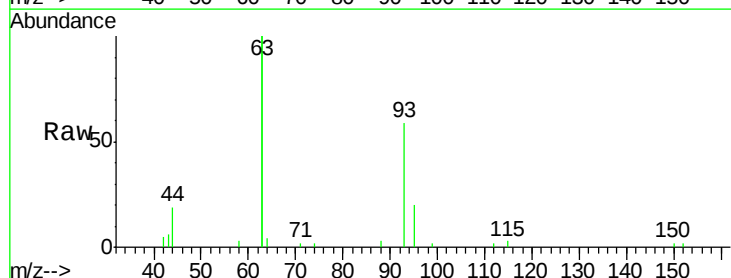
Tgt Ion: 93 Resp: 1800

Ion Ratio Lower Upper

93 100

63 340.1 275.3 412.9

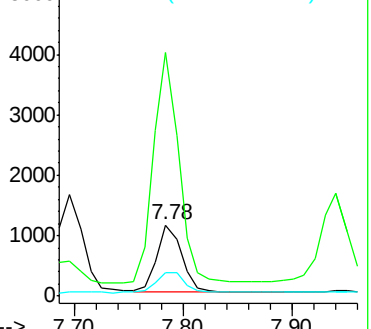
95 34.6 25.2 37.8



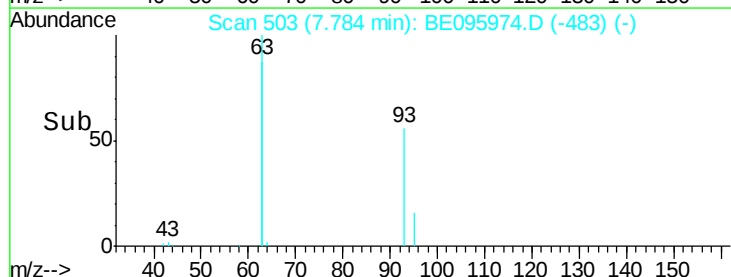
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5002

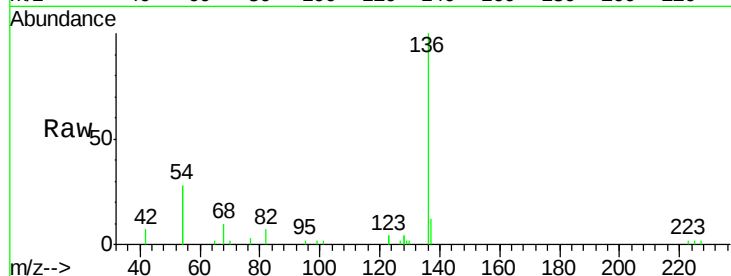
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 56.2 29.1 43.7#

68 10.3 6.2 9.2#

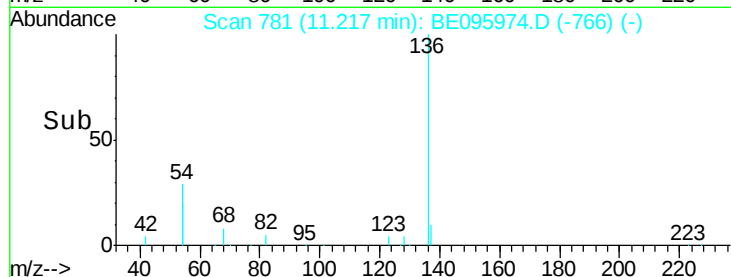


Abundance Ion 136.00 (135.70 to 136.70): E

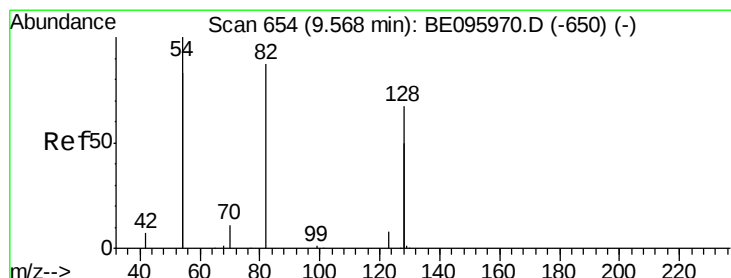
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.10 11.20 11.30



#8

Nitrobenzene-d5

Concen: 0.375 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

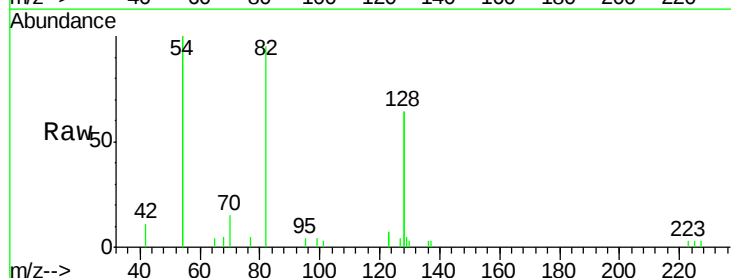
Tgt Ion: 82 Resp: 2202

Ion Ratio Lower Upper

82 100

128 135.1 150.0 225.0#

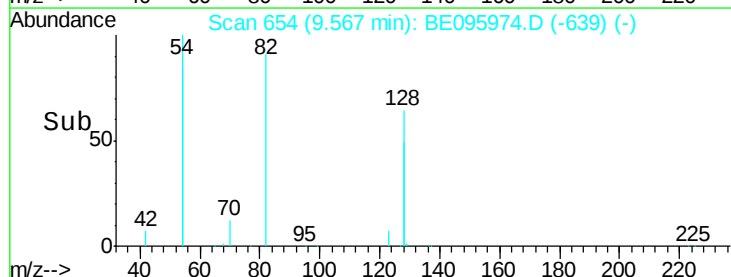
54 211.4 154.2 231.4



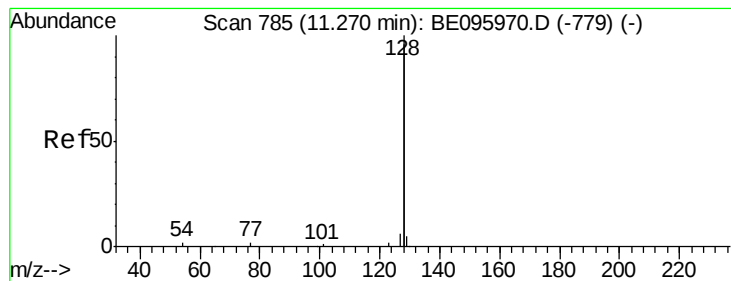
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 9.50 9.60 9.70



#9

Naphthalene

Concen: 0.374 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

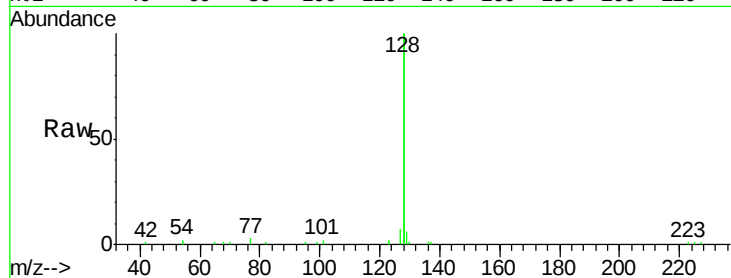
Tot Ion:128 Resp: 19705

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

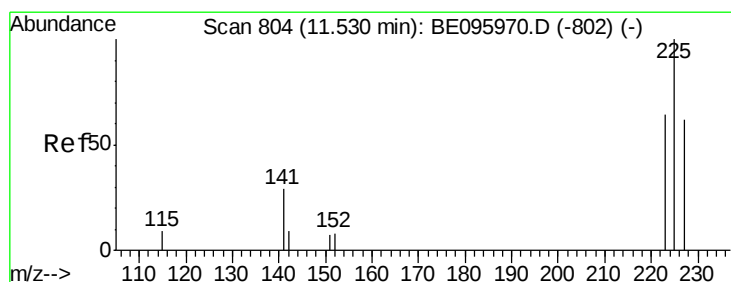
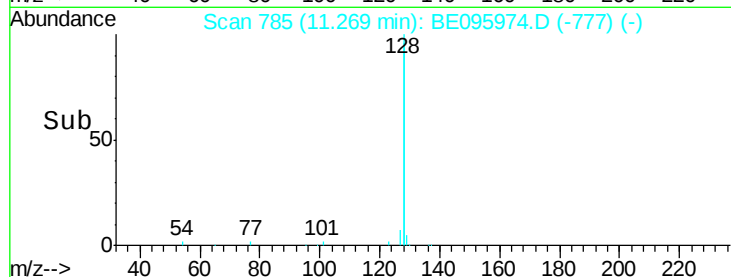
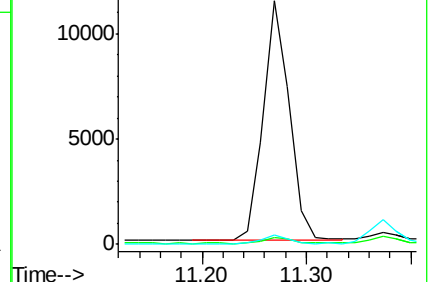
127 3.7 2.8 4.2



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: 0.471 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

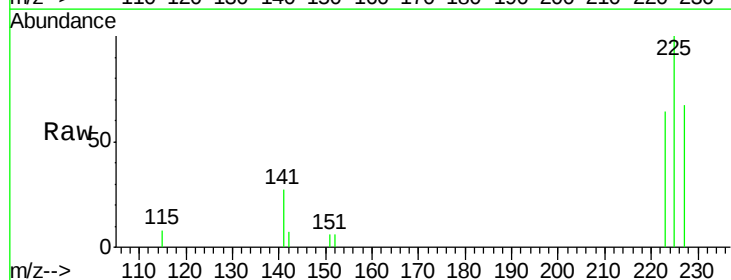
Tgt Ion:225 Resp: 1100

Ion Ratio Lower Upper

225 100

223 53.9 53.0 79.6

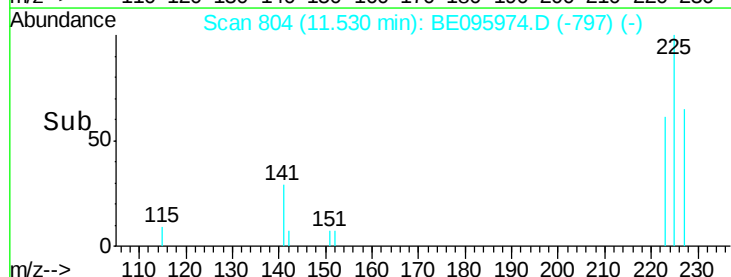
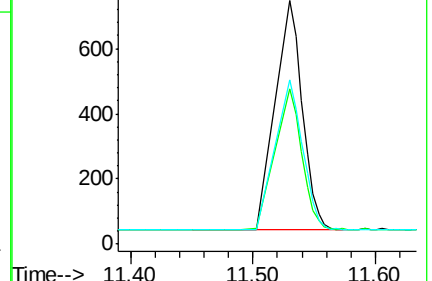
227 55.0 51.4 77.2

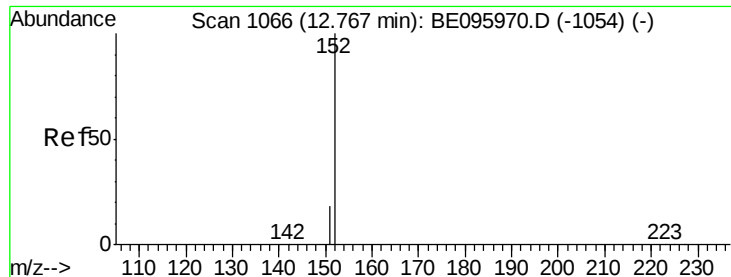


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

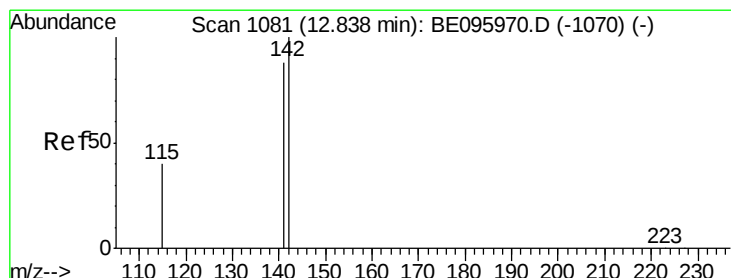
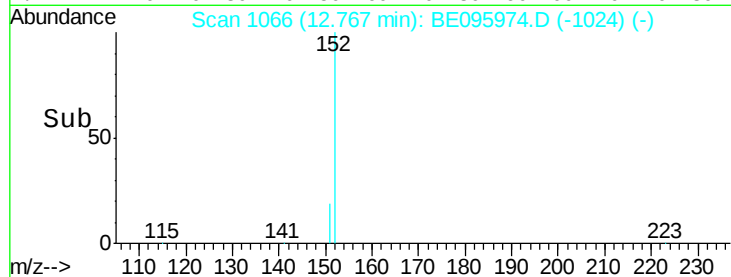
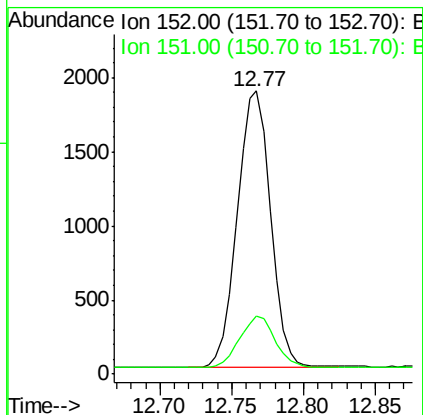
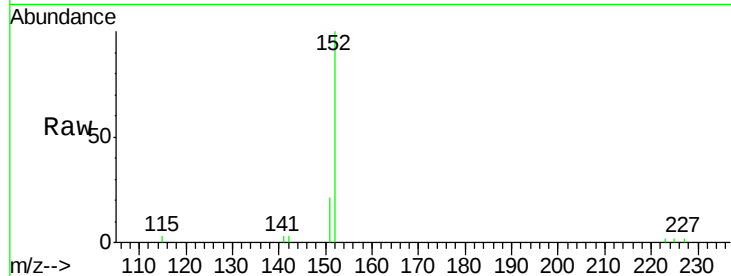




#11
 2-Methylnaphthalene-d10
 Concen: 0.377 ng
 RT: 12.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BE095974.D
 Acq: 11 Apr 2018 17:09

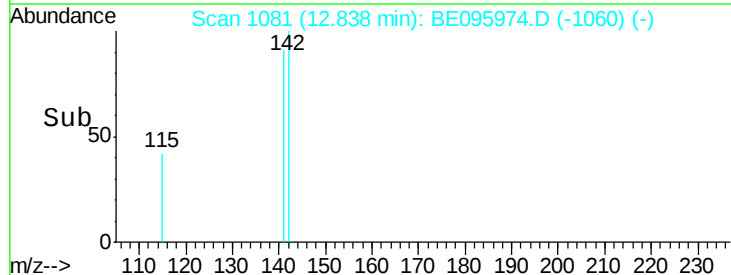
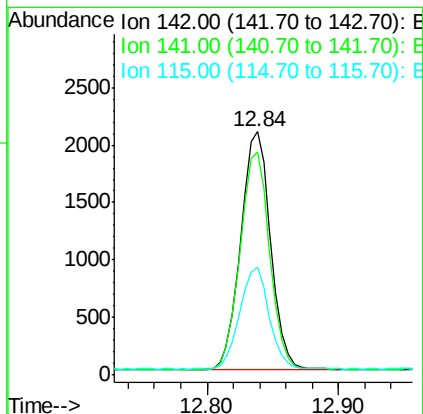
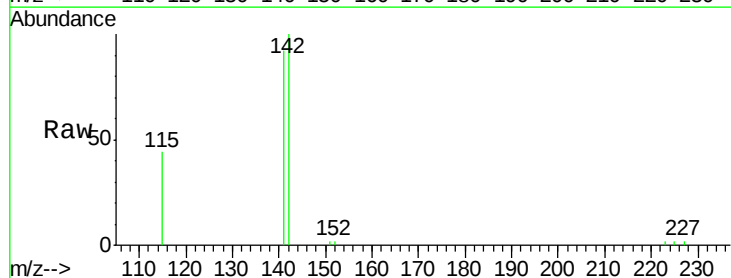
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2986
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.373 ng
 RT: 12.84 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BE095974.D
 Acq: 11 Apr 2018 17:09

Tgt Ion:142 Resp: 3256
 Ion Ratio Lower Upper
 142 100
 141 91.6 70.4 105.6
 115 44.1 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: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

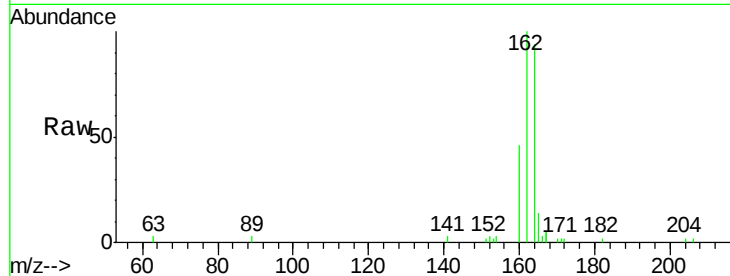
Tot Ion:164 Resp: 2767

Ion Ratio Lower Upper

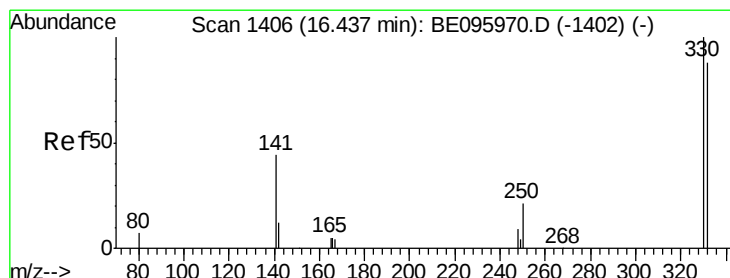
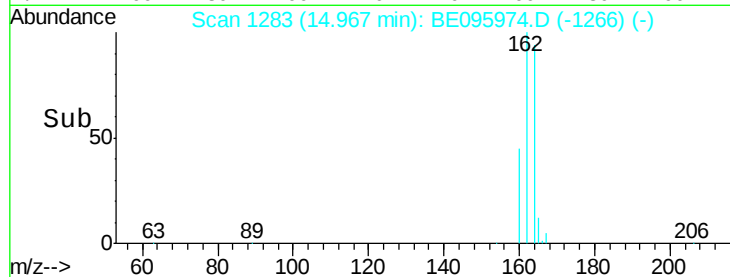
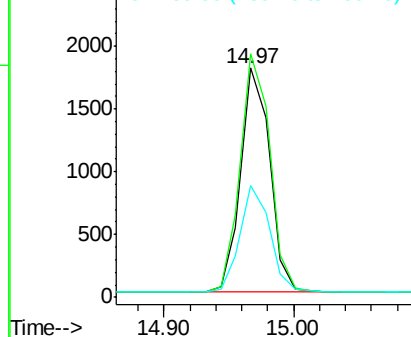
164 100

162 106.2 83.1 124.7

160 48.8 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: 0.364 ng

RT: 16.44 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

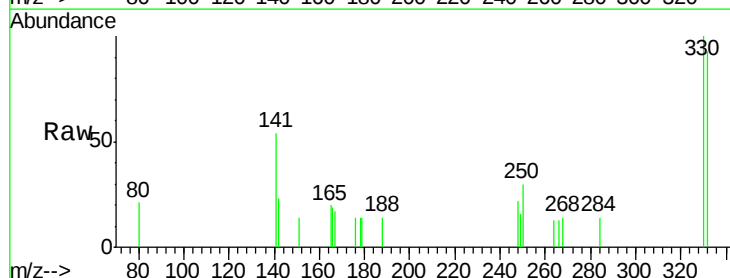
Tgt Ion:330 Resp: 486

Ion Ratio Lower Upper

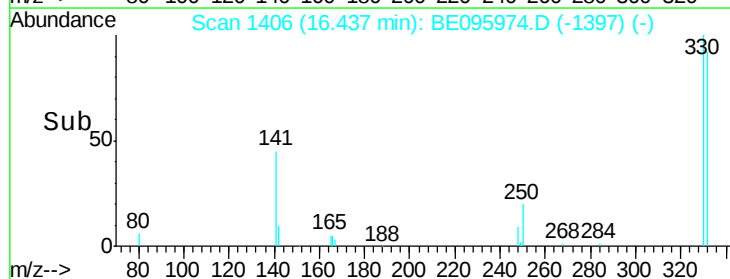
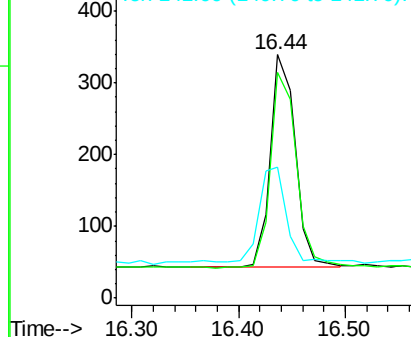
330 100

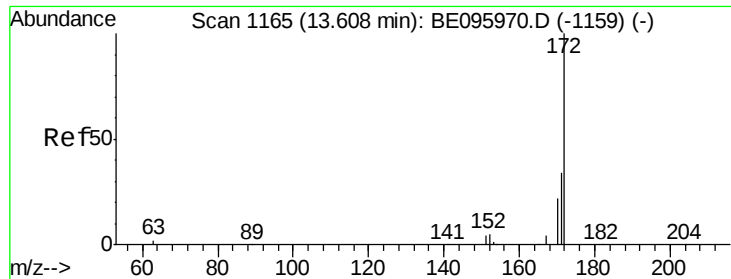
332 95.9 152.7 229.1#

141 47.9 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

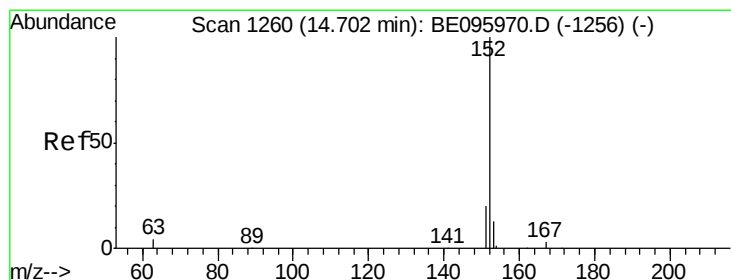
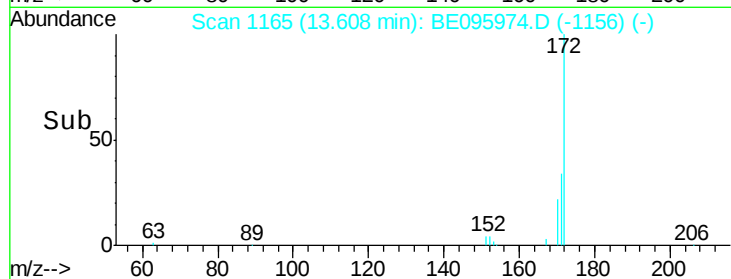
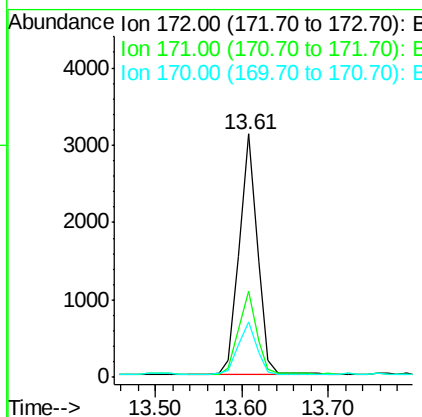
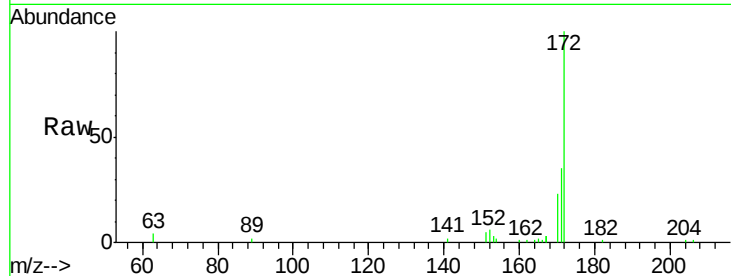




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.61 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE095974.D
Acq: 11 Apr 2018 17:09

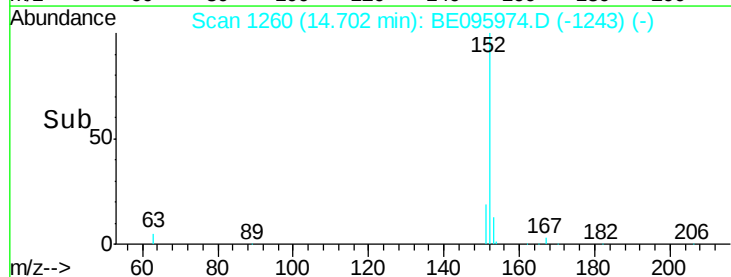
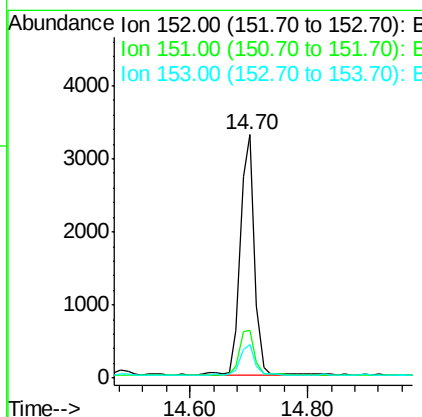
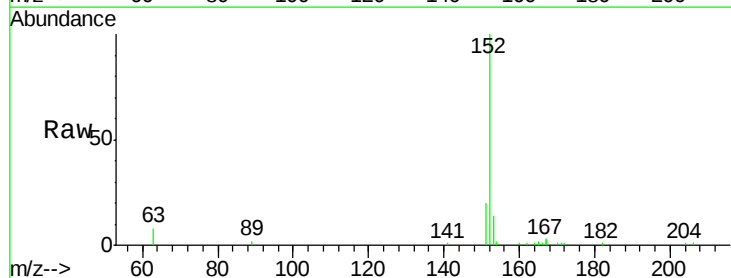
Instrument :
BNA_E
ClientSampleId :

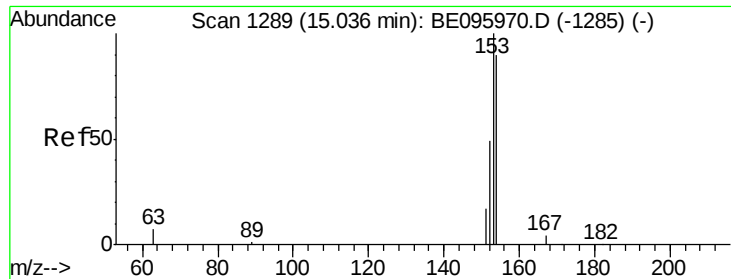
Tot Ion:172 Resp: 4480
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 22.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.70 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE095974.D
Acq: 11 Apr 2018 17:09

Tgt Ion:152 Resp: 5413
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.5 15.7

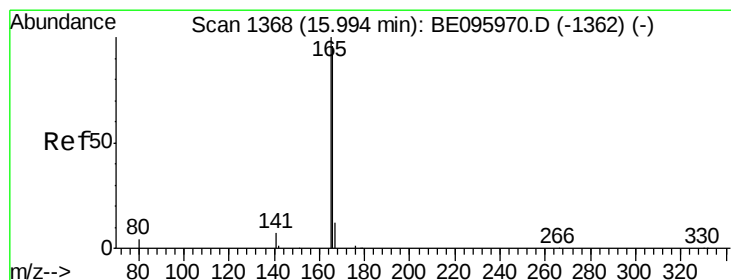
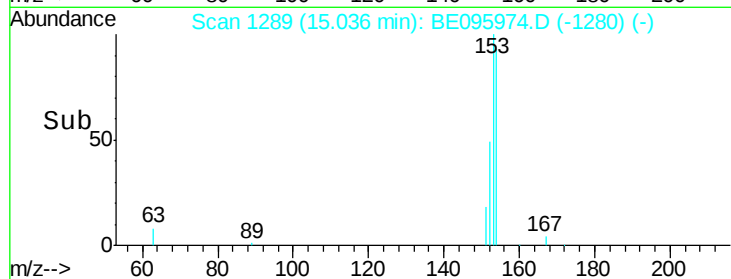
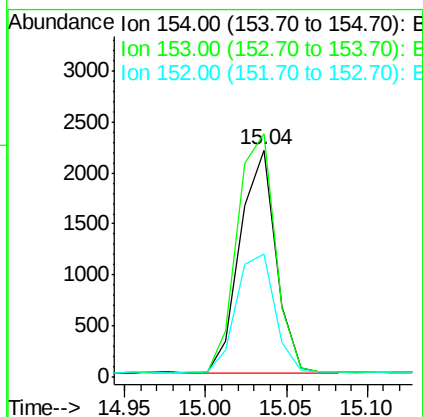
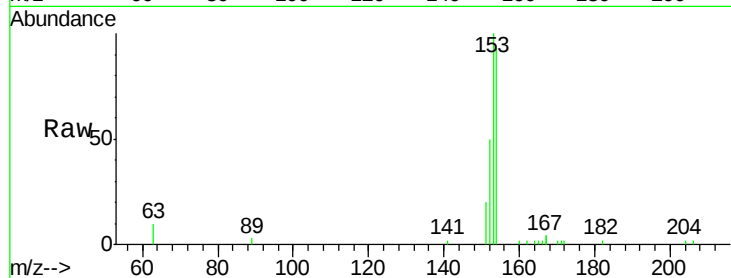




#17
Acenaphthene
Concen: 0.376 ng
RT: 15.04 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BE095974.D
Acq: 11 Apr 2018 17:09

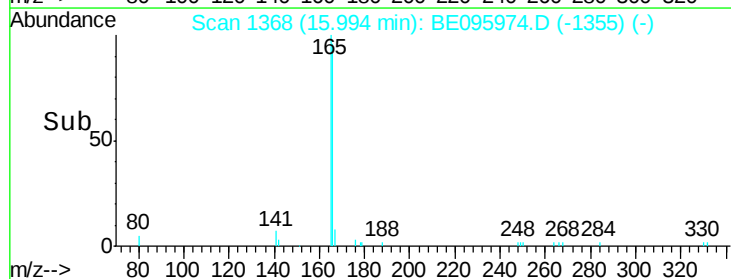
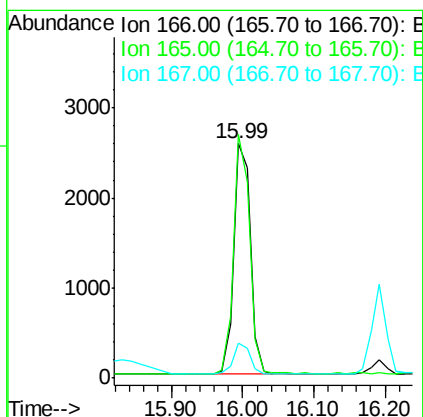
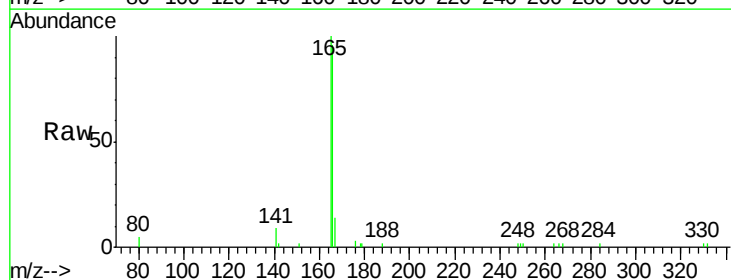
Instrument :
BNA_E
ClientSampleId :

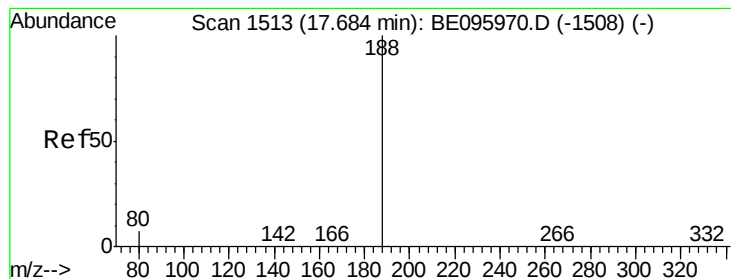
Tot Ion:154 Resp: 3338
Ion Ratio Lower Upper
154 100
153 113.9 89.2 133.8
152 57.0 42.0 63.0



#18
Fluorene
Concen: 0.377 ng
RT: 15.99 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE095974.D
Acq: 11 Apr 2018 17:09

Tgt Ion:166 Resp: 4145
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.6
167 13.5 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.68 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

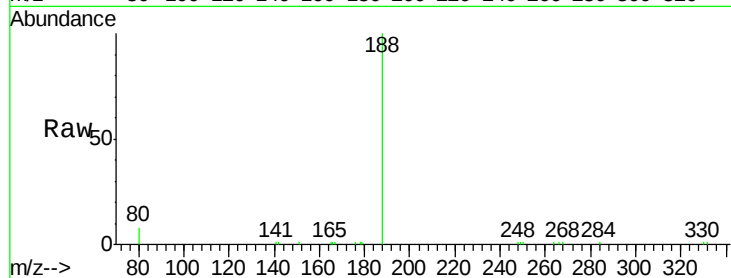
Tot Ion:188 Resp: 6597

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

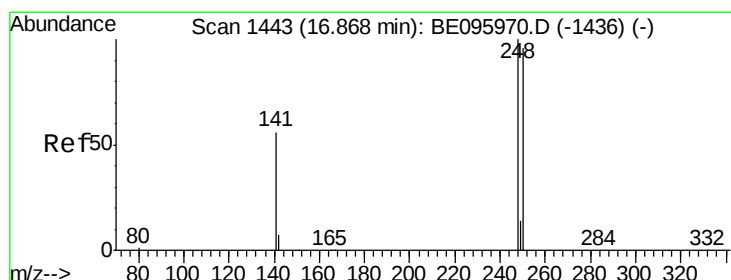
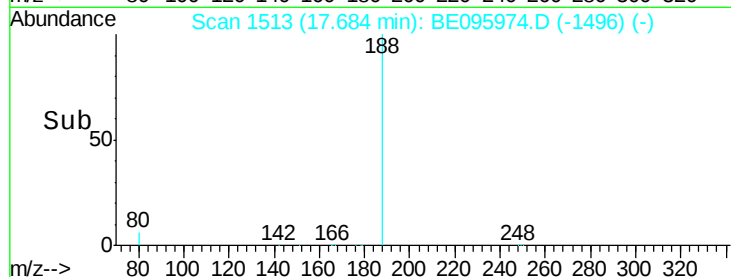
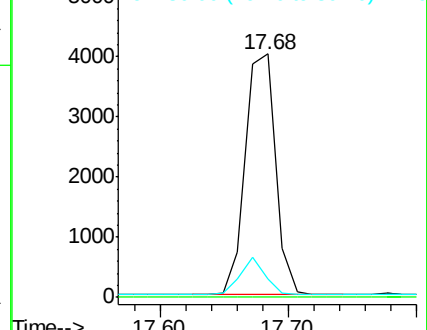
80 7.7 3.6 5.4#



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: 0.371 ng

RT: 16.87 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

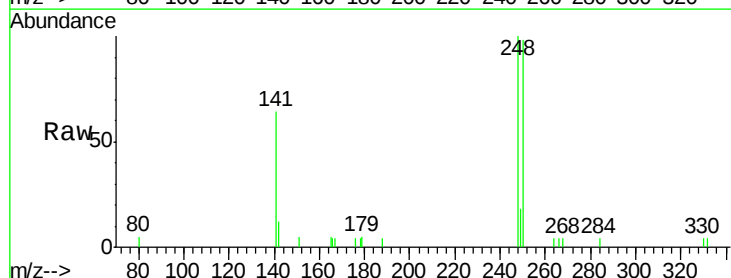
Tgt Ion:248 Resp: 1455

Ion Ratio Lower Upper

248 100

250 98.2 62.7 94.1#

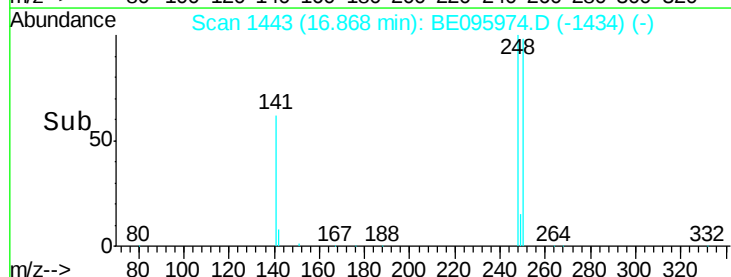
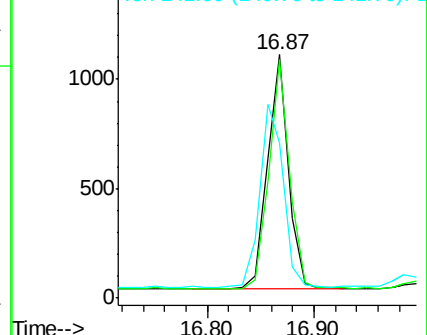
141 63.9 48.2 72.2



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: 0.380 ng

RT: 17.00 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampled :

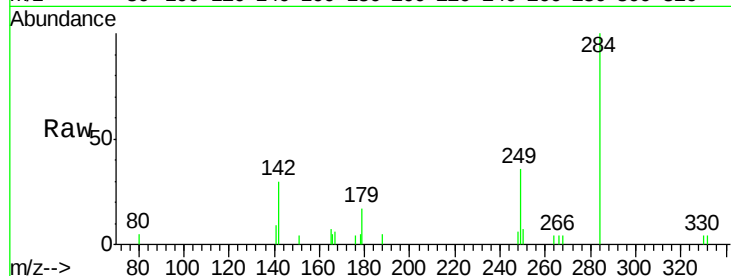
Tot Ion:284 Resp: 1483

Ion Ratio Lower Upper

284 100

142 42.6 22.1 33.1#

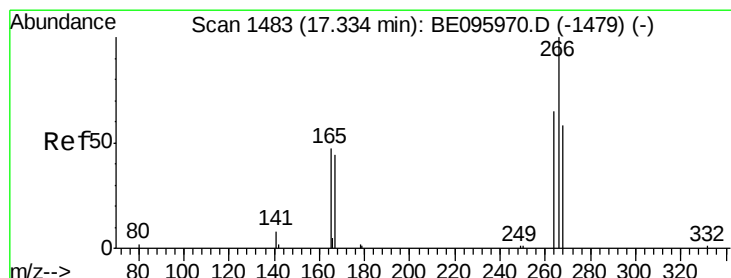
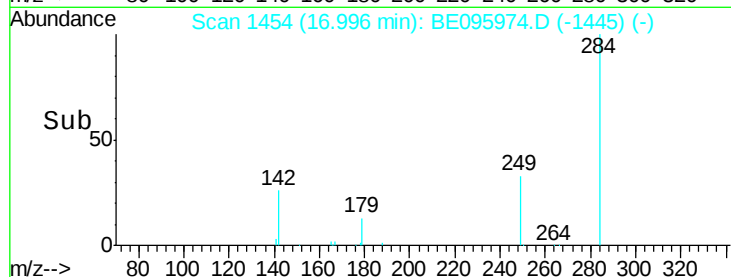
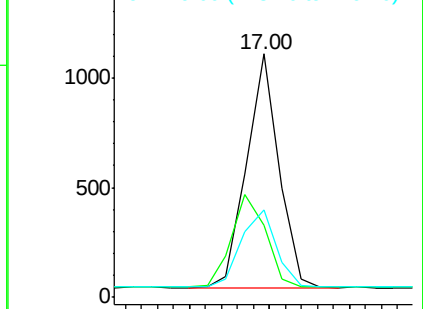
249 35.7 34.8 52.2



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: 0.373 ng

RT: 17.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

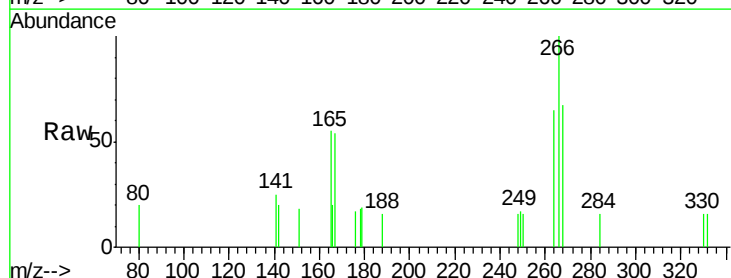
Tgt Ion:266 Resp: 427

Ion Ratio Lower Upper

266 100

264 64.8 72.5 108.7#

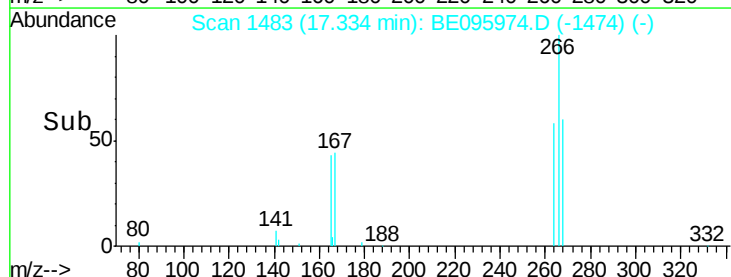
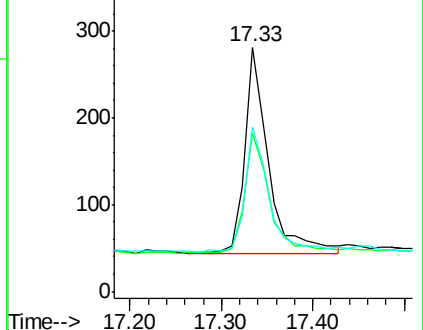
268 67.3 73.8 110.6#

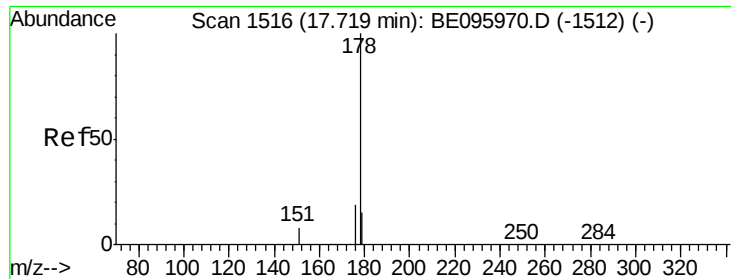


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 17.72 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

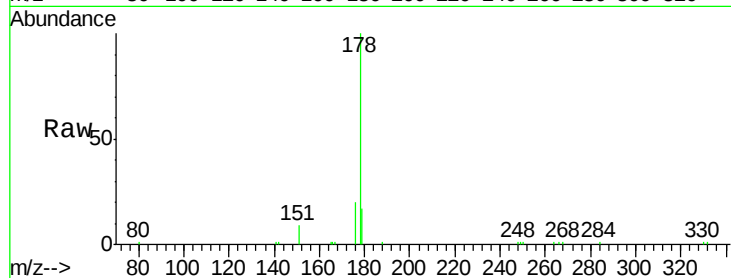
Tot Ion:178 Resp: 7017

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

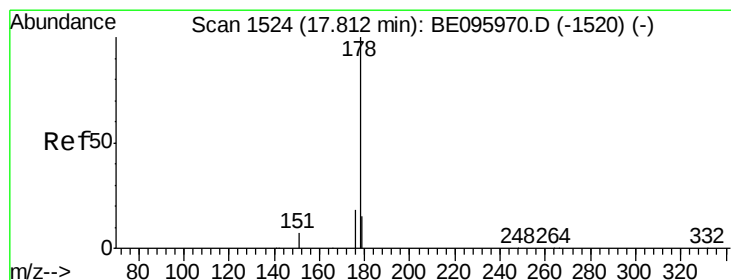
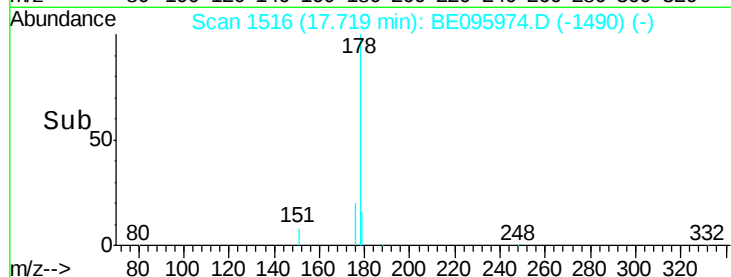
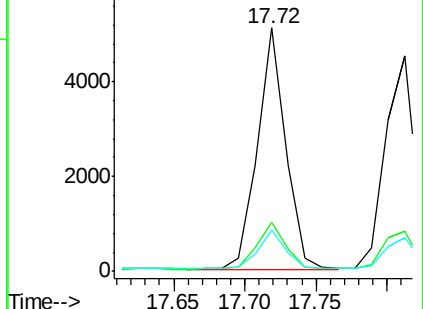
179 15.0 11.8 17.6



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: 0.375 ng

RT: 17.81 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

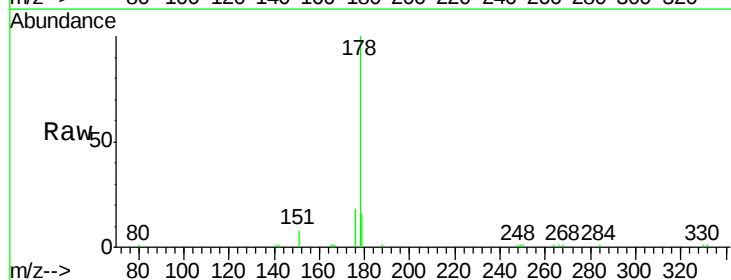
Tgt Ion:178 Resp: 6636

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

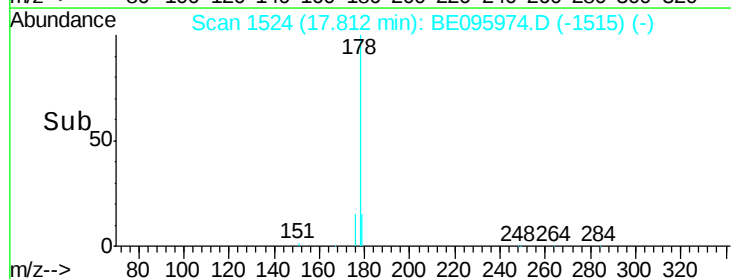
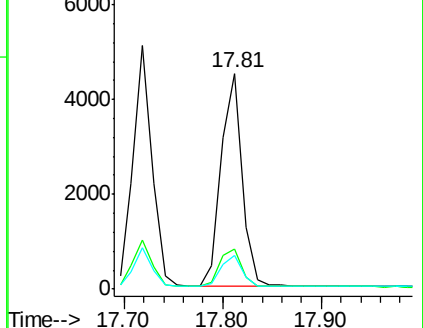
179 15.3 13.0 19.6

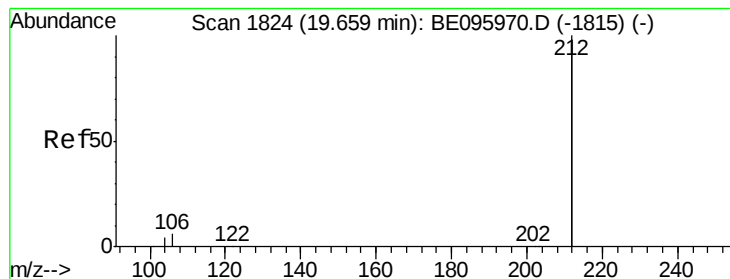


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

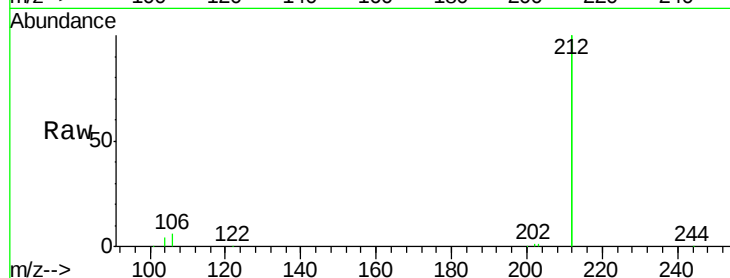
Tot Ion:212 Resp: 33363

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

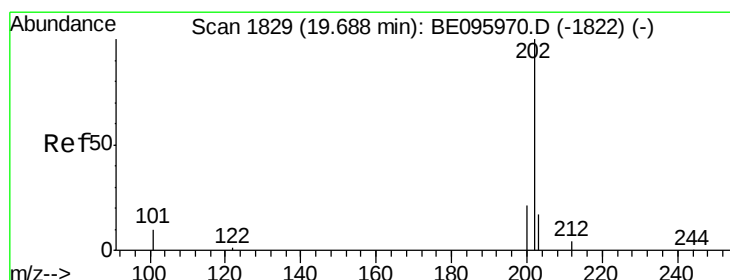
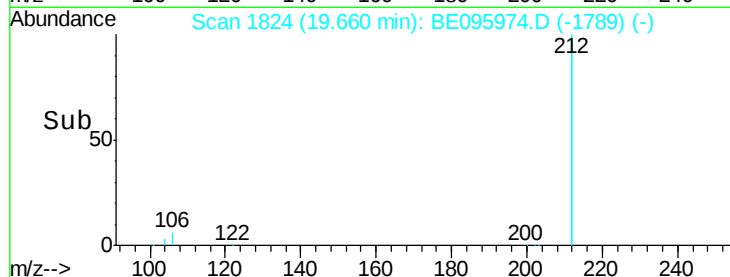
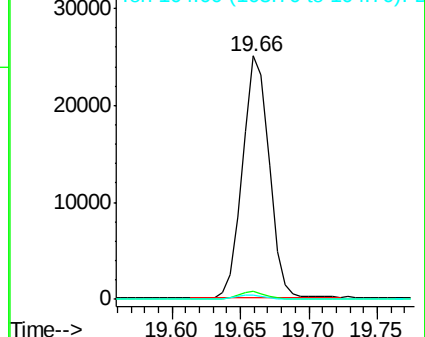
104 1.8 1.6 2.4



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: 0.373 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

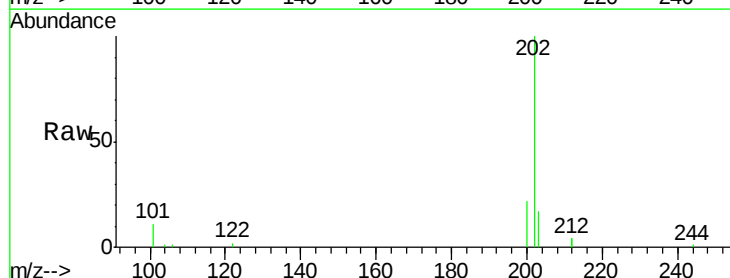
Tgt Ion:202 Resp: 9088

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

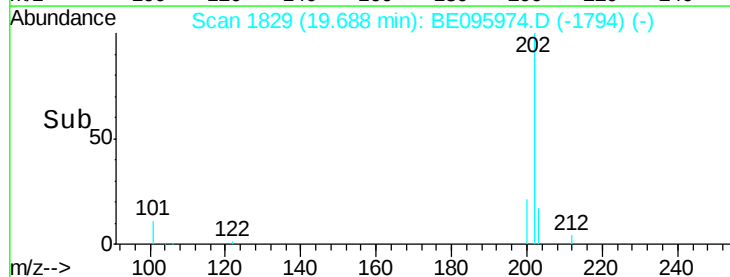
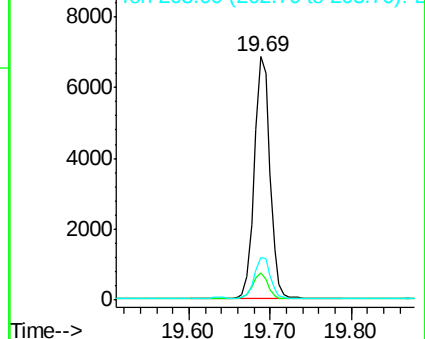
203 17.1 13.7 20.5



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: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

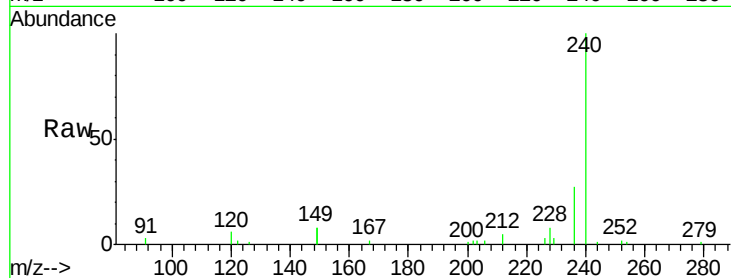
Tot Ion:240 Resp: 7311

Ion Ratio Lower Upper

240 100

120 6.4 5.5 8.3

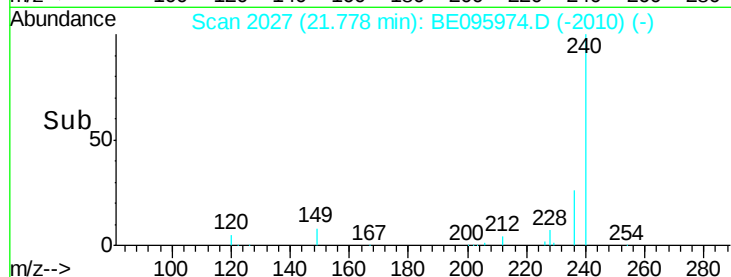
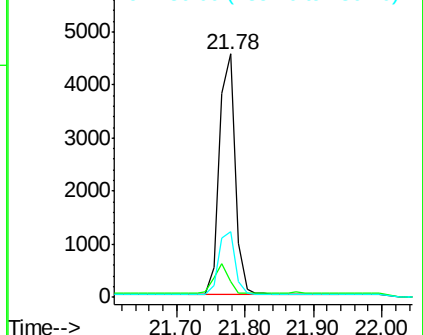
236 27.2 20.7 31.1



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: 0.320 ng

RT: 20.05 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

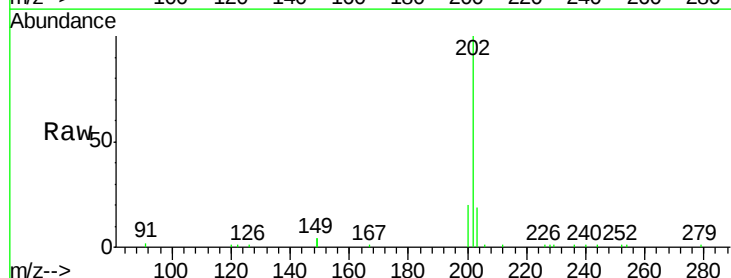
Tgt Ion:202 Resp: 4604

Ion Ratio Lower Upper

202 100

200 25.9 16.6 25.0#

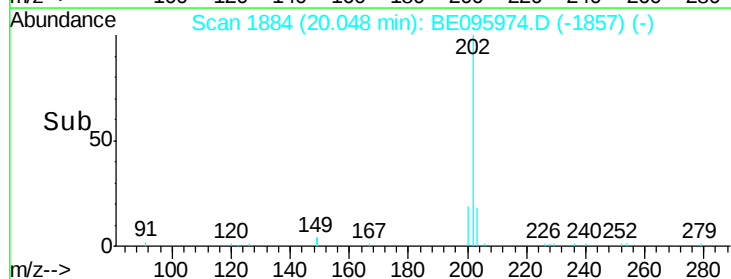
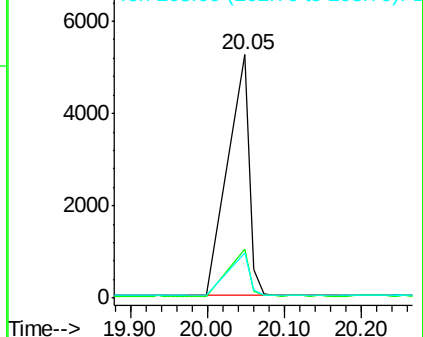
203 20.5 13.8 20.8



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: 0.380 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

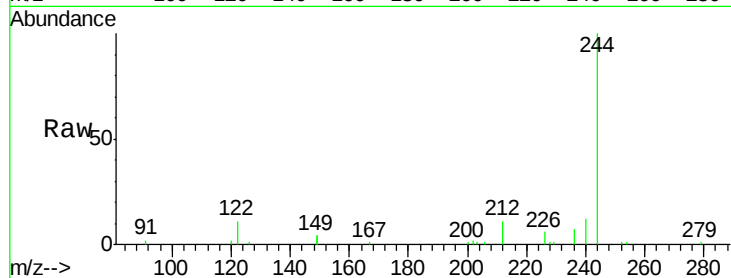
Tot Ion:244 Resp: 6141

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

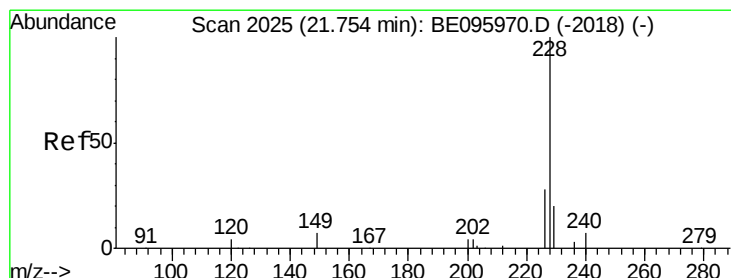
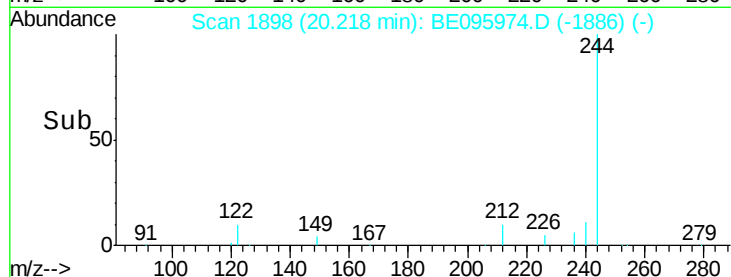
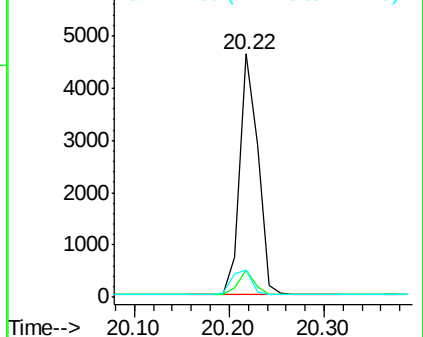
122 11.2 8.1 12.1



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: 0.366 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

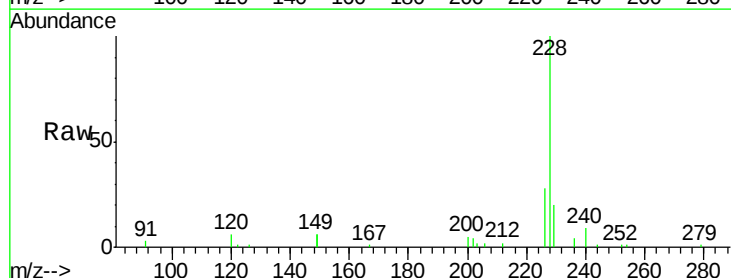
Tgt Ion:228 Resp: 8583

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

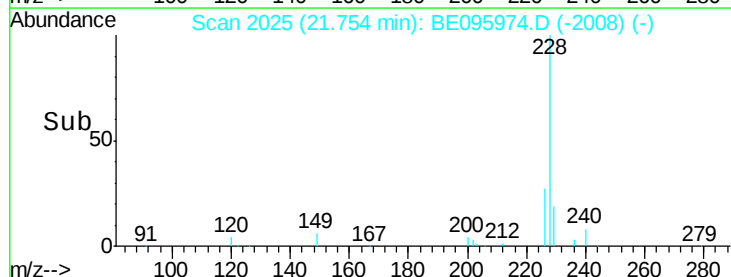
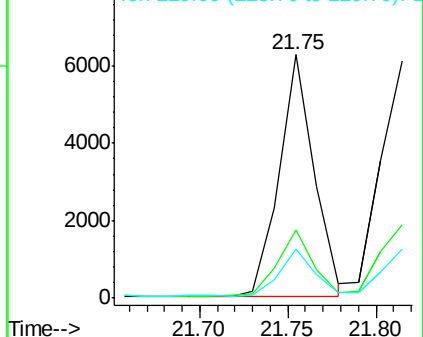
229 20.2 16.0 24.0



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: 0.377 ng

RT: 21.81 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

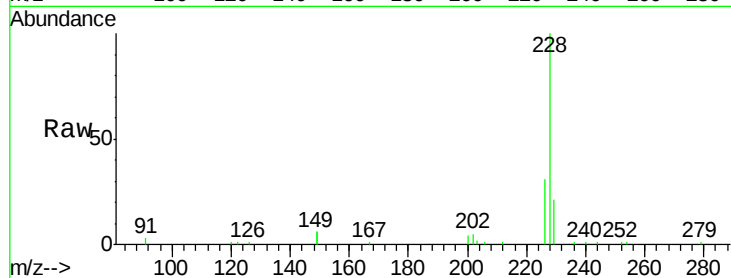
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 8540

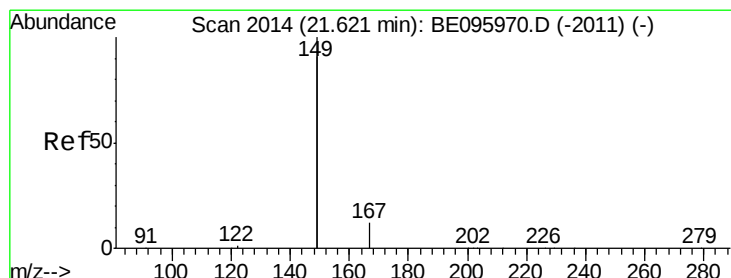
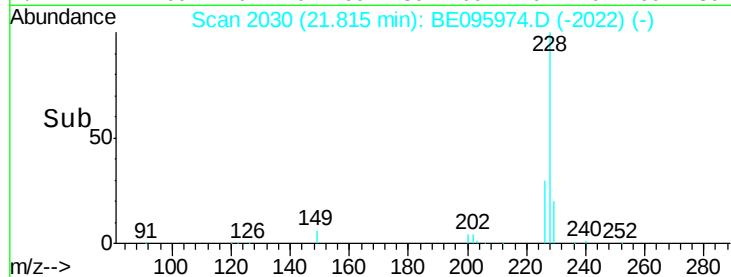
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	20.8	16.0	24.0



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: 0.360 ng

RT: 21.62 min Scan# 2014

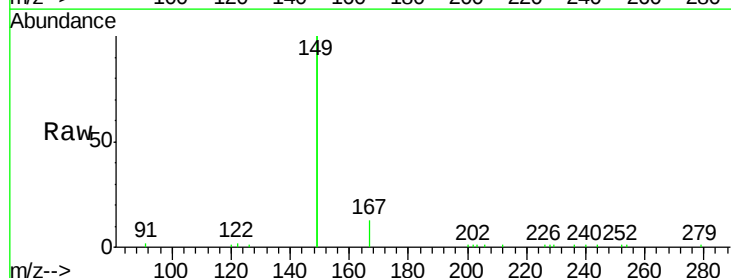
Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Tgt Ion:149 Resp: 21806

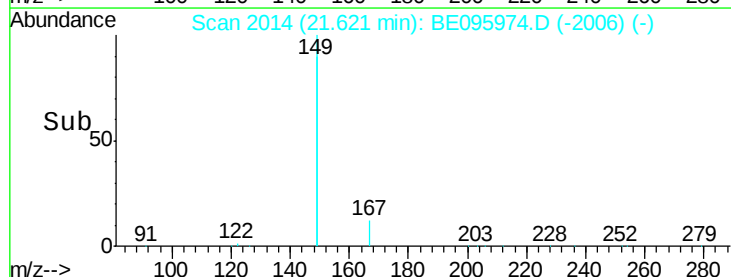
Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.7	0.7	1.1



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

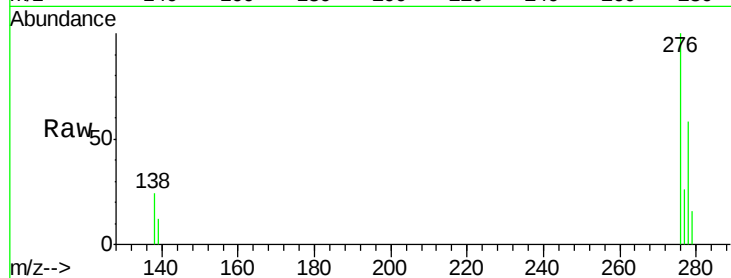




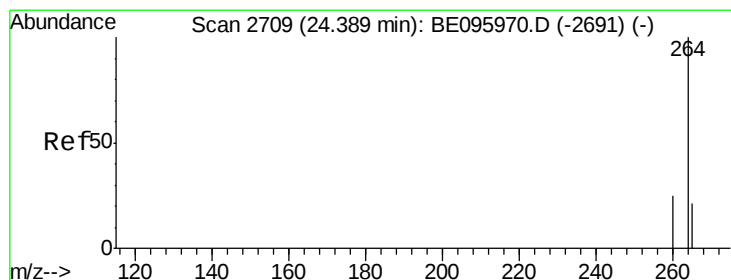
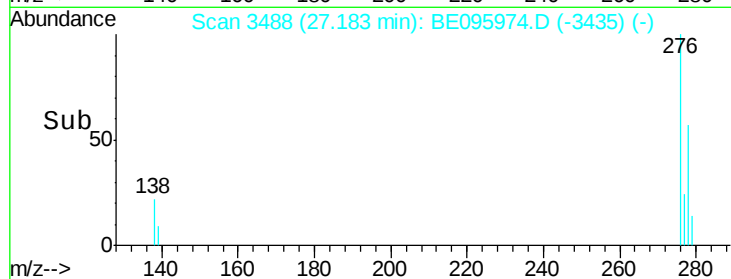
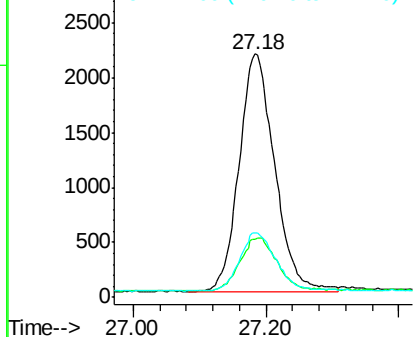
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.367 ng
 RT: 27.18 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: BE095974.D
 Acq: 11 Apr 2018 17:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 8059
 Ion Ratio Lower Upper
 276 100
 138 22.6 22.5 33.7
 277 24.9 19.9 29.9

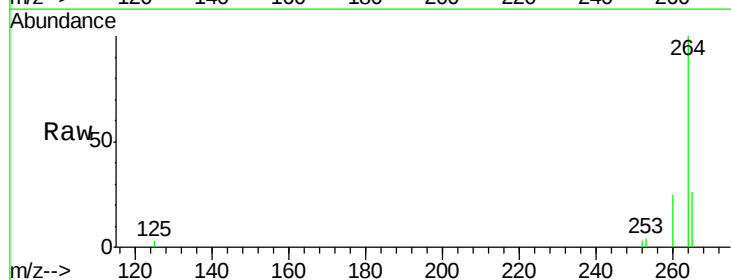


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

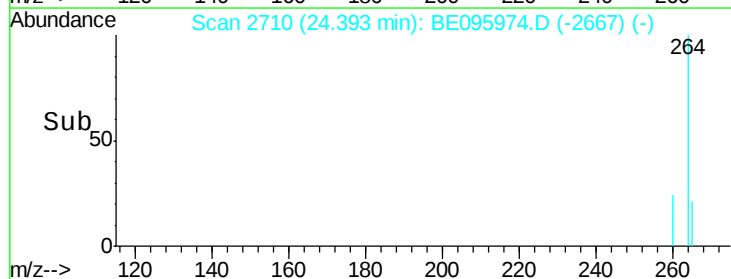
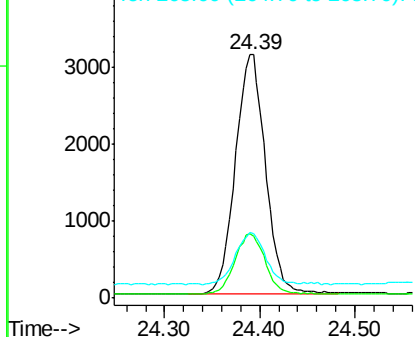


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.39 min Scan# 2710
 Delta R.T. 0.00 min
 Lab File: BE095974.D
 Acq: 11 Apr 2018 17:09

Tgt Ion:264 Resp: 6825
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 26.3 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 23.58 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

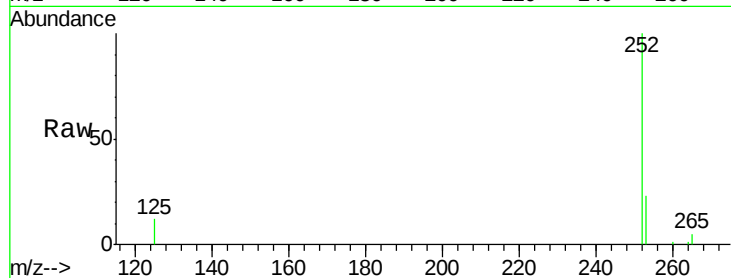
Tot Ion:252 Resp: 7724

Ion Ratio Lower Upper

252 100

253 23.5 20.0 30.0

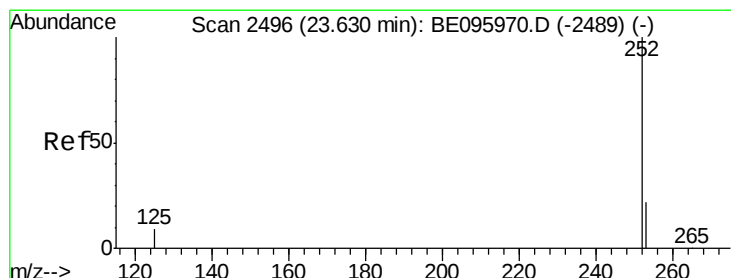
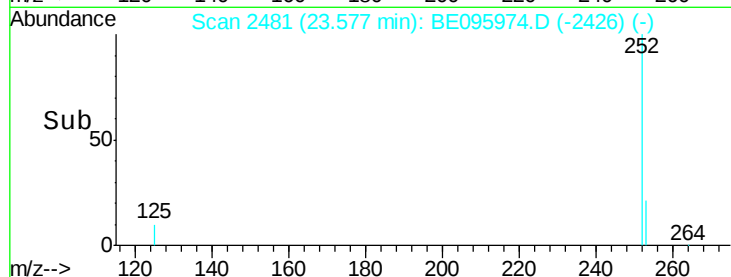
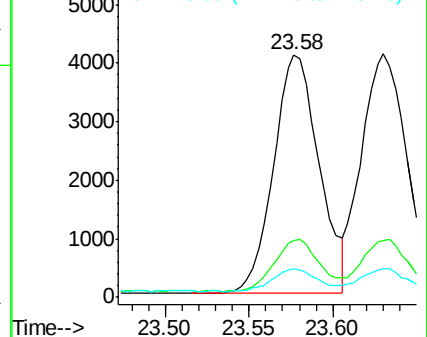
125 11.8 16.0 24.0#



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: 0.362 ng

RT: 23.63 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

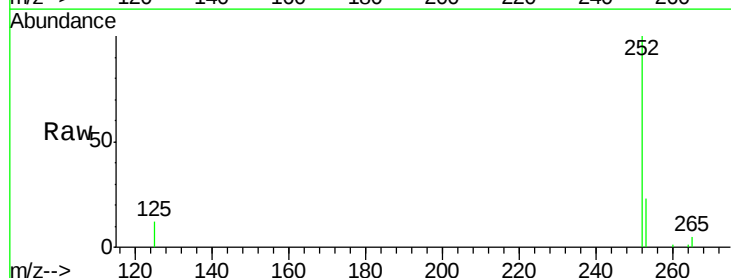
Tgt Ion:252 Resp: 7613

Ion Ratio Lower Upper

252 100

253 23.2 16.0 24.0

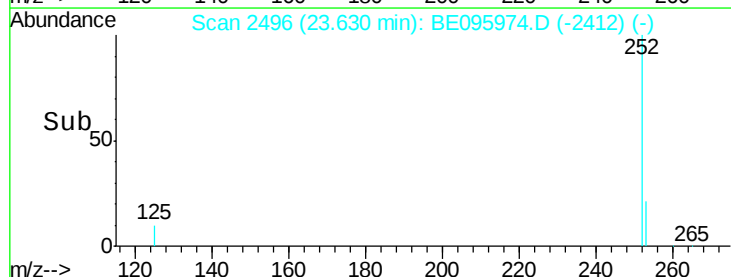
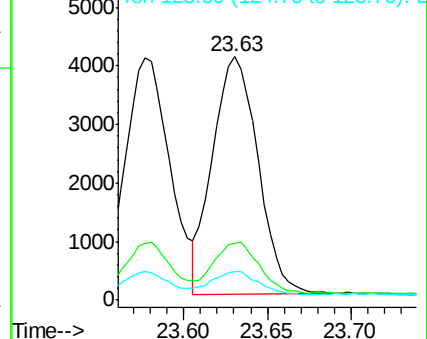
125 11.9 8.0 12.0



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: 0.372 ng

RT: 24.27 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :

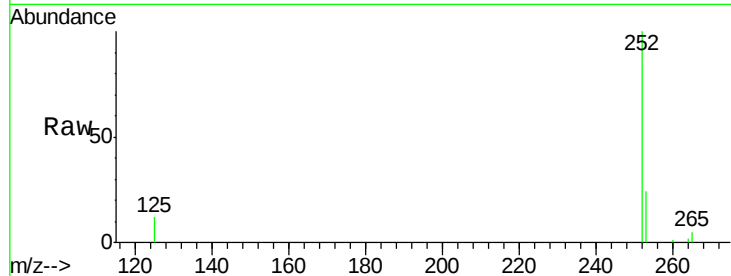
Tot Ion:252 Resp: 7322

Ion Ratio Lower Upper

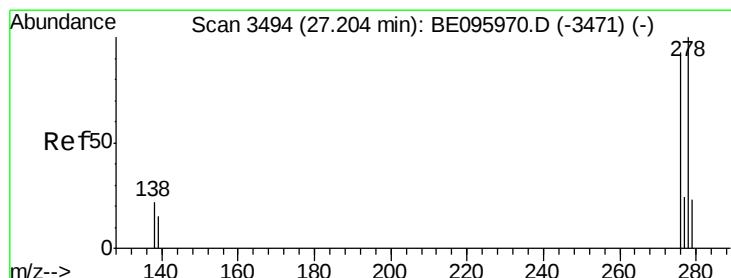
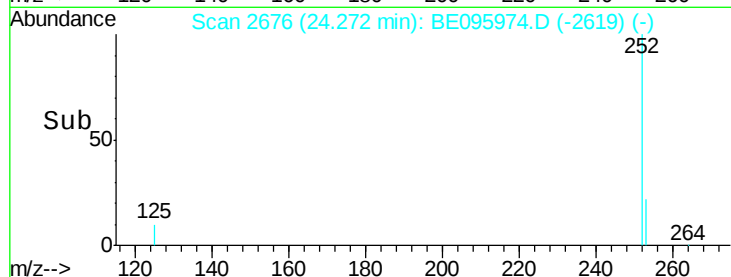
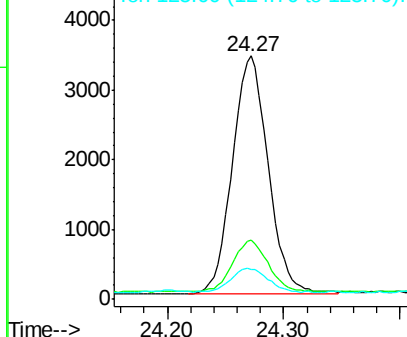
252 100

253 24.1 16.0 24.0#

125 12.4 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: 0.366 ng

RT: 27.20 min Scan# 3494

Delta R.T. 0.00 min

Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

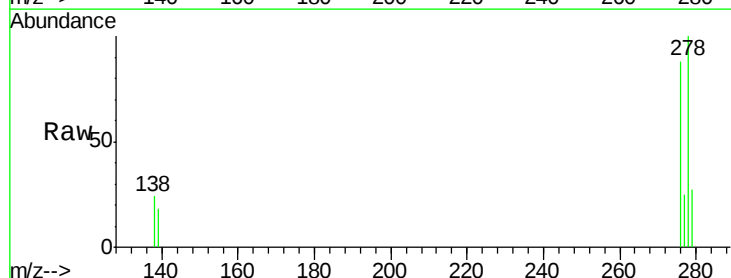
Tgt Ion:278 Resp: 6341

Ion Ratio Lower Upper

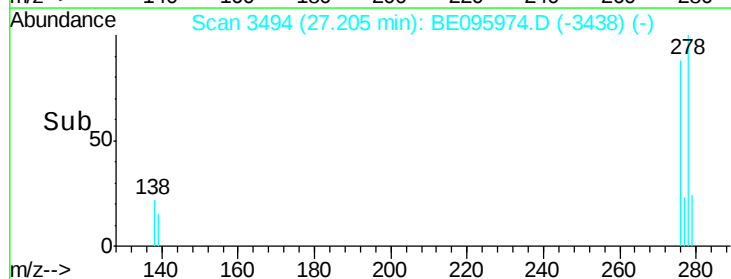
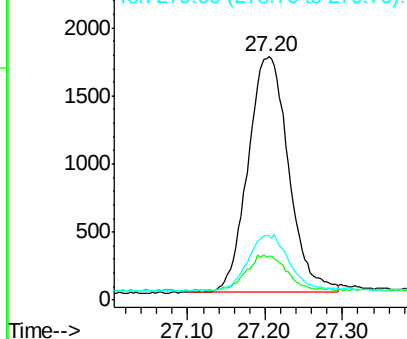
278 100

139 18.3 16.0 24.0

279 26.7 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: 0.376 ng

RT: 28.06 min Scan# 3733

Delta R.T. 0.00 min

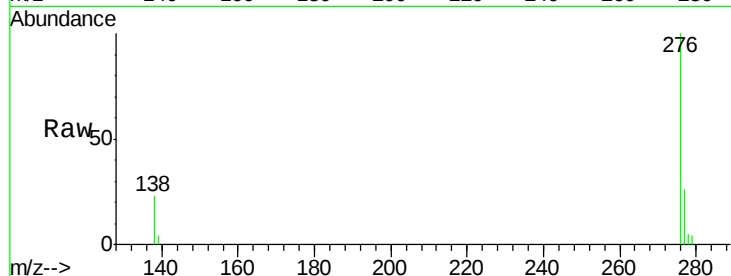
Lab File: BE095974.D

Acq: 11 Apr 2018 17:09

Instrument :

BNA_E

ClientSampleId :



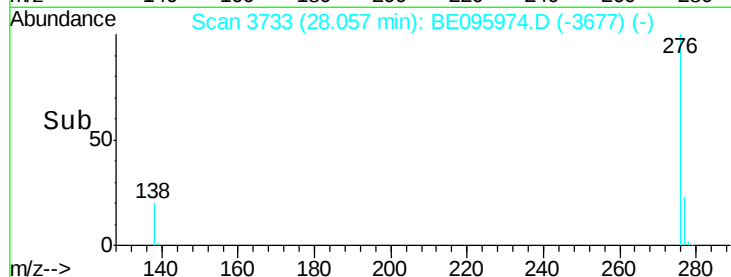
Tot Ion: 276 Resp: 6907

Ion Ratio Lower Upper

276 100

277 25.8 16.0 24.0#

138 23.0 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

