

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095970.D
 Acq On : 11 Apr 2018 14:46
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Apr 11 15:28:19 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 15:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1206	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4678	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2539	0.40	ng	0.00
19) Phenanthrene-d10	17.68	188	6044	0.40	ng	0.00
27) Chrysene-d12	21.78	240	6809	0.40	ng	0.00
34) Perylene-d12	24.39	264	6555	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	1416	0.36	ng	0.00
5) Phenol-d6	7.53	99	1960	0.36	ng	0.00
8) Nitrobenzene-d5	9.57	82	2012	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.77	152	2772	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	446	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	4158	0.39	ng	0.00
25) Fluoranthene-d10	19.66	212	30310	0.34	ng	0.00
29) Terphenyl-d14	20.22	244	5508	0.38	ng	0.00

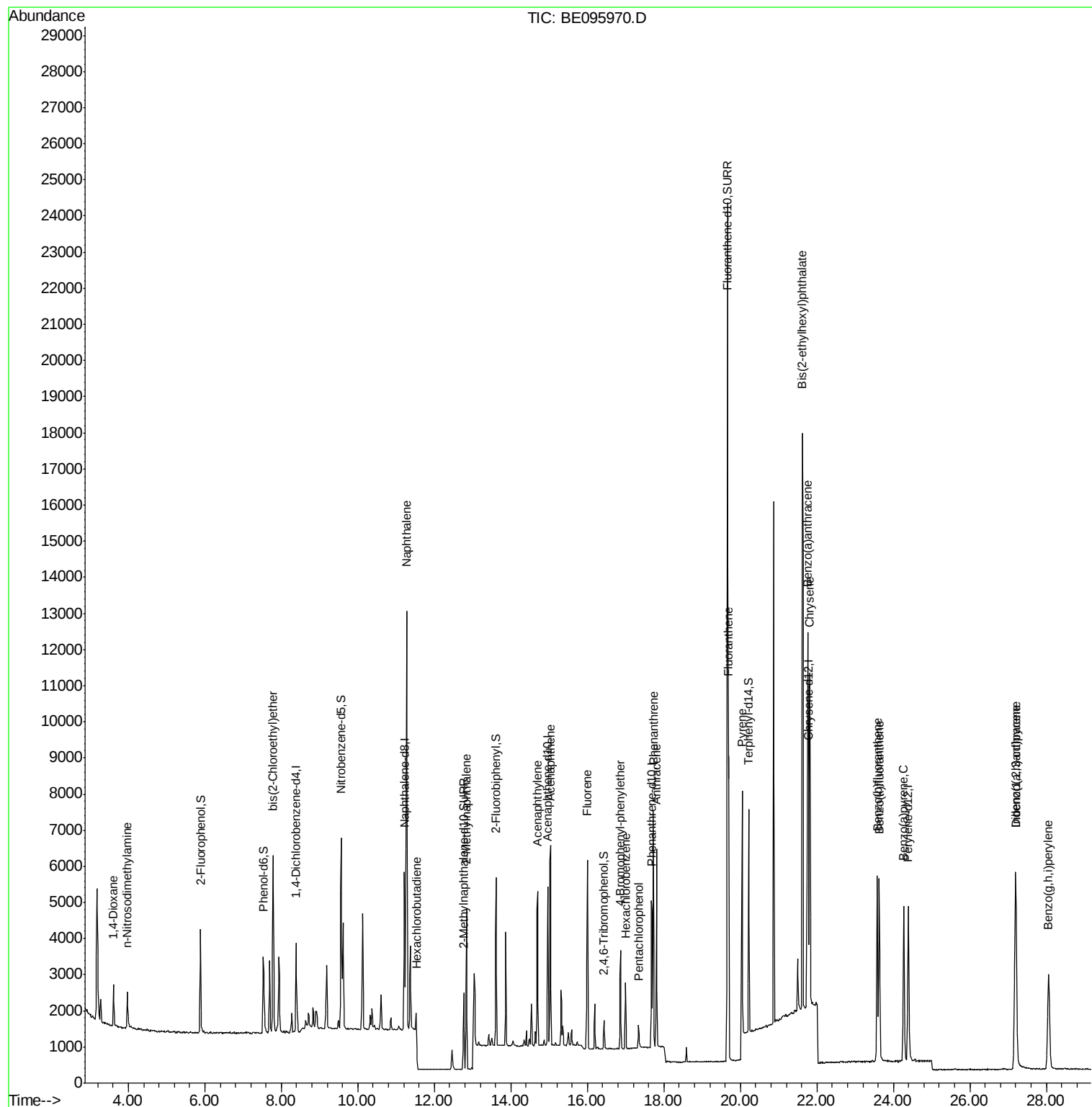
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	692	0.350	ng	# 87
3) n-Nitrosodimethylamine	3.97	42	840	0.290	ng	85
6) bis(2-Chloroethyl)ether	7.79	93	1738	0.369	ng	94
9) Naphthalene	11.27	128	18514	0.347	ng	100
10) Hexachlorobutadiene	11.53	225	792	0.216	ng	# 87
12) 2-Methylnaphthalene	12.84	142	3026	0.332	ng	98
16) Acenaphthylene	14.70	152	5024	0.346	ng	98
17) Acenaphthene	15.04	154	3019	0.341	ng	94
18) Fluorene	15.99	166	3756	0.322	ng	# 77
20) 4-Bromophenyl-phenylether	16.87	248	1350	0.372	ng	# 88
21) Hexachlorobenzene	17.00	284	1385	0.382	ng	# 81
22) Pentachlorophenol	17.33	266	382	0.364	ng	# 77
23) Phenanthrene	17.72	178	6411	0.354	ng	100
24) Anthracene	17.81	178	5971	0.330	ng	96
26) Fluoranthene	19.69	202	8272	0.329	ng	97
28) Pyrene	20.05	202	4831	0.174	ng	96
30) Benzo(a)anthracene	21.75	228	8015	0.339	ng	98
31) Chrysene	21.81	228	8012	0.372	ng	99
32) Bis(2-ethylhexyl)phthalate	21.62	149	20998	0.291	ng	100
33) Indeno(1,2,3-cd)pyrene	27.19	276	7705	0.332	ng	95
35) Benzo(b)fluoranthene	23.58	252	7464	0.344	ng	# 91
36) Benzo(k)fluoranthene	23.63	252	7551	0.348	ng	# 92
37) Benzo(a)pyrene	24.27	252	7091	0.349	ng	# 92
38) Dibenzo(a,h)anthracene	27.20	278	6132	0.318	ng	98
39) Benzo(g,h,i)perylene	28.06	276	6665	0.344	ng	# 93

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

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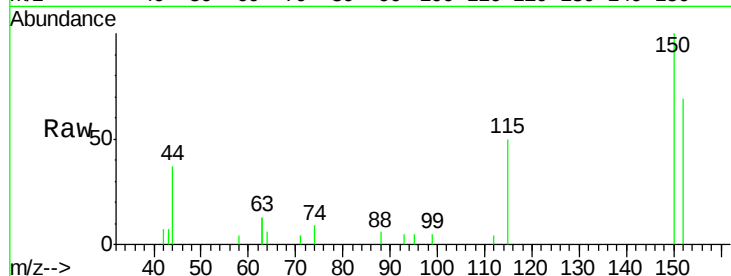


#1

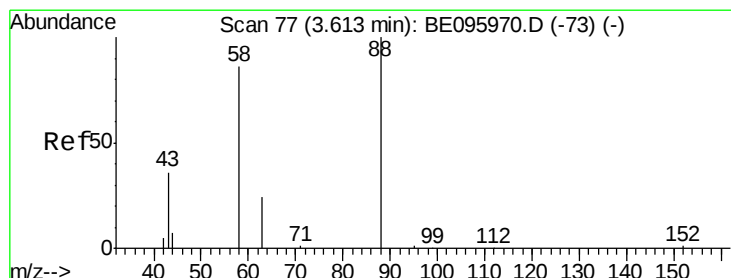
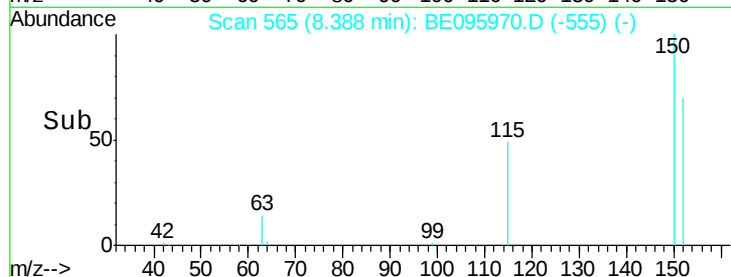
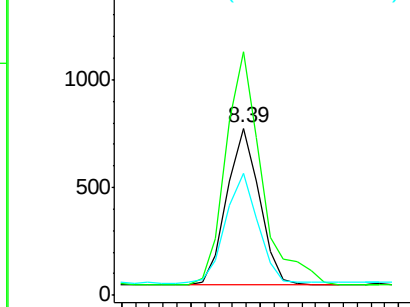
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.39 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BE095970.D
 Acq: 11 Apr 2018 14:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:152 Resp: 1206
 Ion Ratio Lower Upper
 152 100
 150 145.8 117.2 175.8
 115 73.0 57.0 85.6



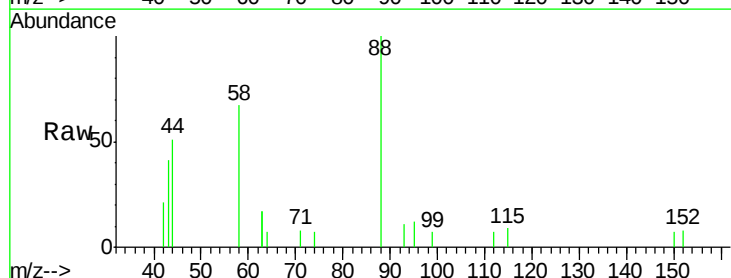
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



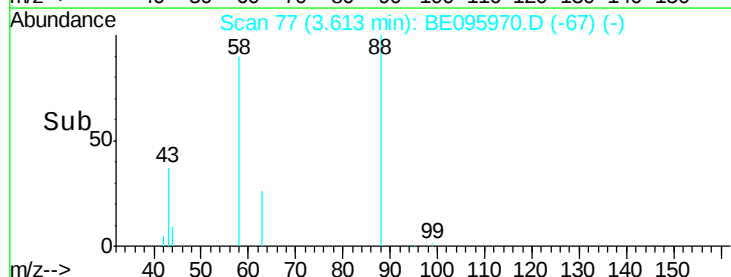
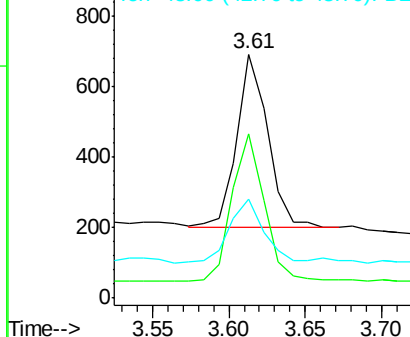
#2

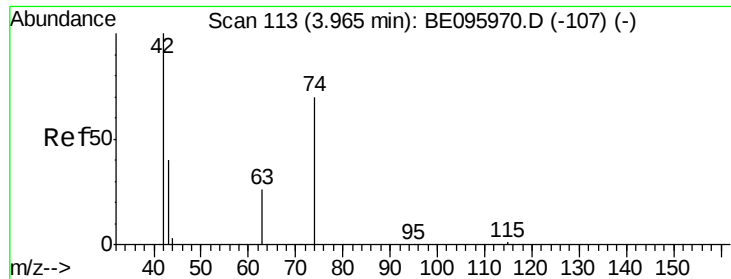
1,4-Dioxane
 Concen: 0.350 ng
 RT: 3.61 min Scan# 77
 Delta R.T. 0.00 min
 Lab File: BE095970.D
 Acq: 11 Apr 2018 14:46

Tgt Ion: 88 Resp: 692
 Ion Ratio Lower Upper
 88 100
 58 88.6 63.2 94.8
 43 40.9 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



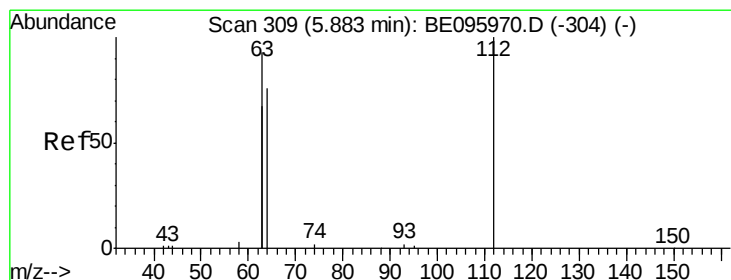
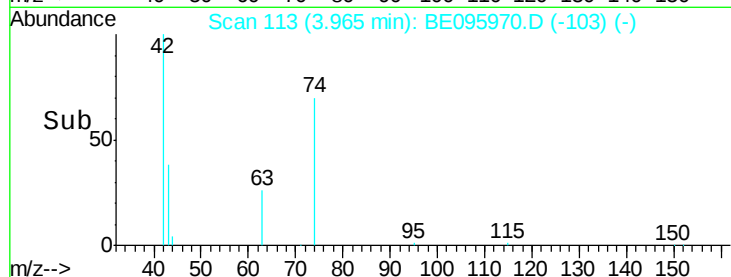
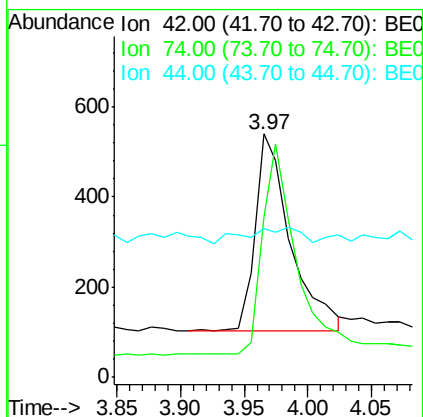
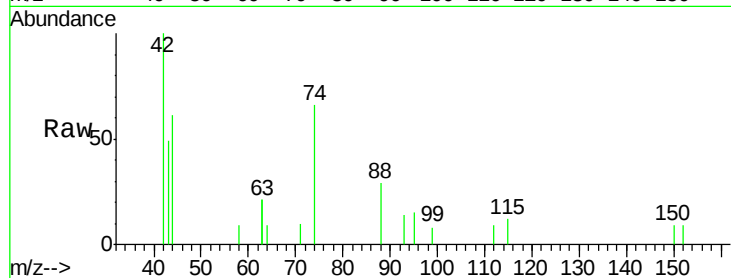


#3

n-Nitrosodimethylamine
 Concen: 0.290 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BE095970.D
 Acq: 11 Apr 2018 14:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

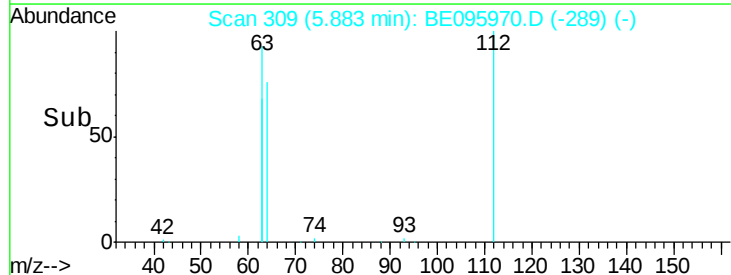
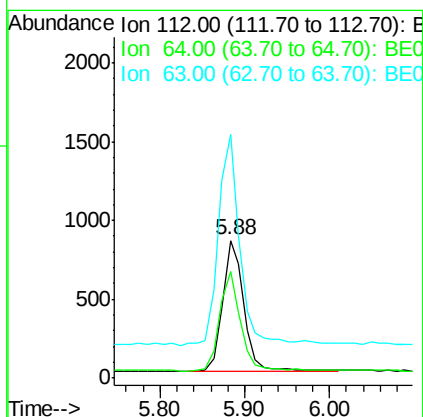
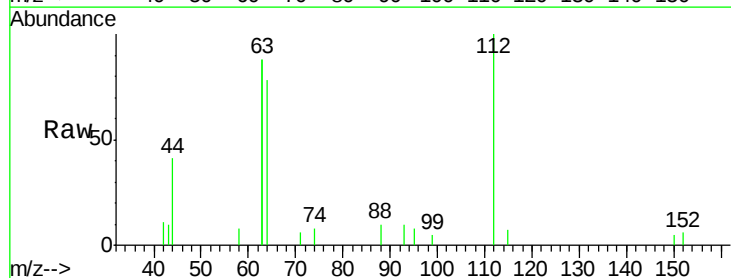
Tot Ion: 42 Resp: 840
 Ion Ratio Lower Upper
 42 100
 74 101.7 96.0 144.0
 44 12.9 12.0 18.0

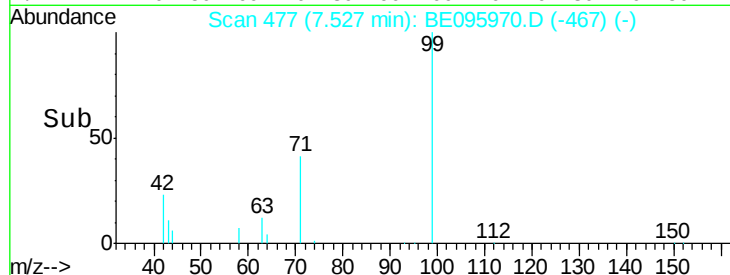
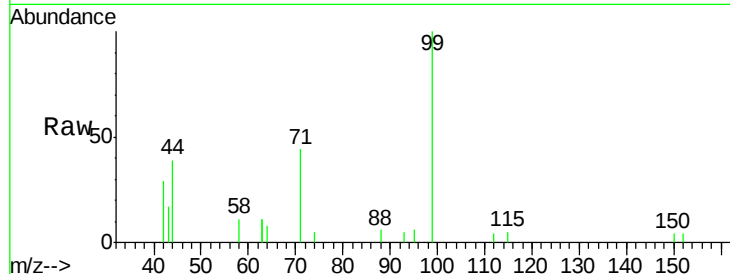
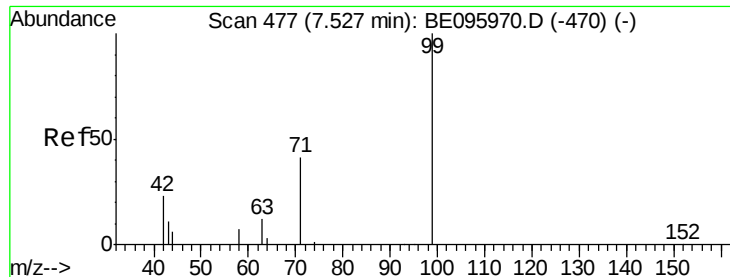


#4

2-Fluorophenol
 Concen: 0.356 ng
 RT: 5.88 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BE095970.D
 Acq: 11 Apr 2018 14:46

Tgt Ion: 112 Resp: 1416
 Ion Ratio Lower Upper
 112 100
 64 76.3 60.1 90.1
 63 166.9 116.8 175.2





#5

Phenol-d6

Concen: 0.359 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

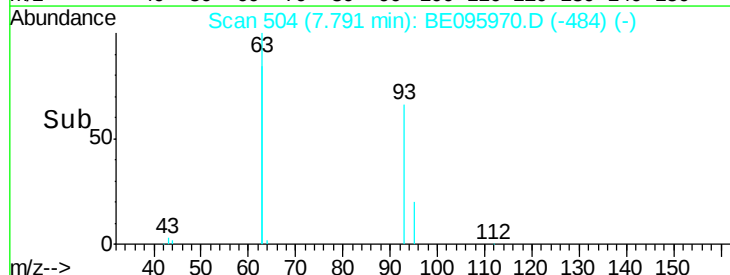
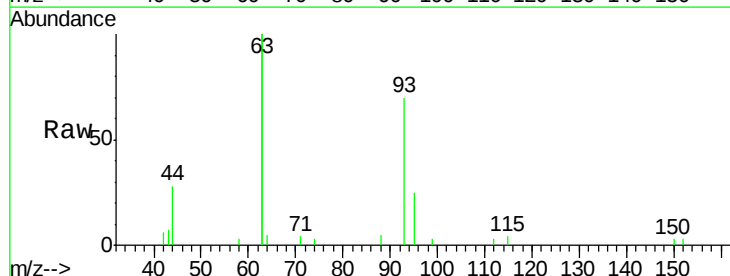
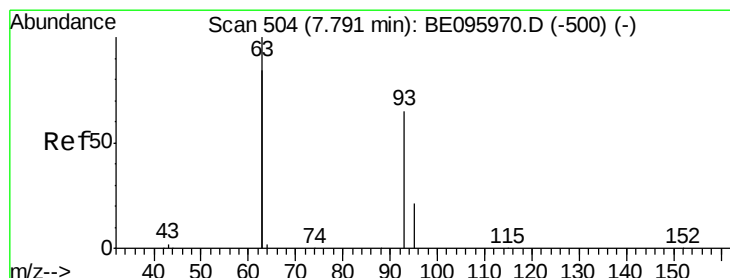
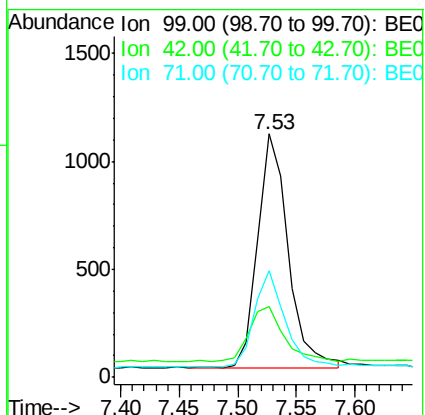
Tot Ion: 99 Resp: 1960

Ion Ratio Lower Upper

99 100

42 27.6 20.2 30.2

71 41.2 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.369 ng

RT: 7.79 min Scan# 504

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

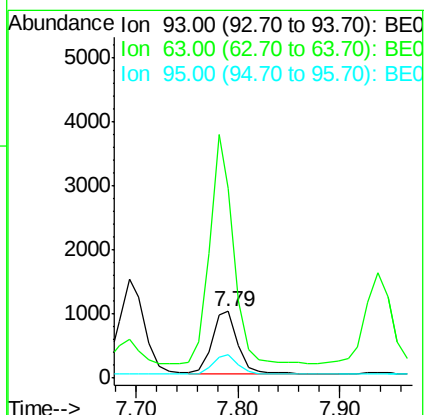
Tgt Ion: 93 Resp: 1738

Ion Ratio Lower Upper

93 100

63 330.6 275.3 412.9

95 32.7 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: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 4678

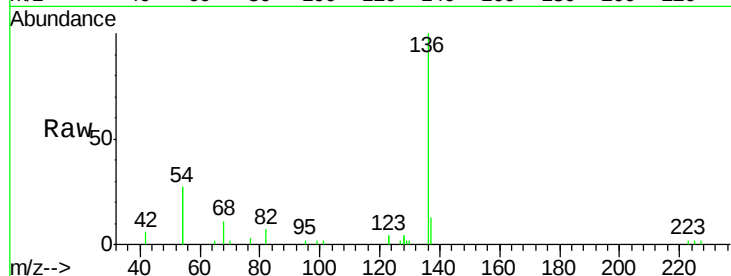
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 53.7 29.1 43.7#

68 10.6 6.2 9.2#

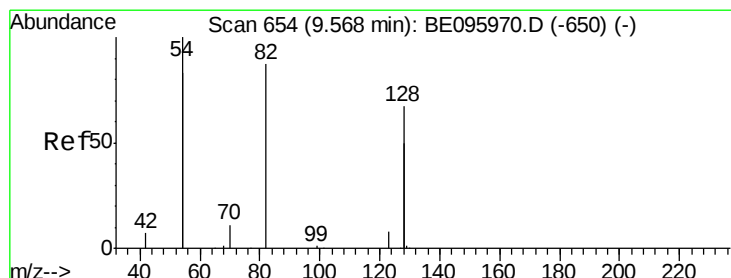
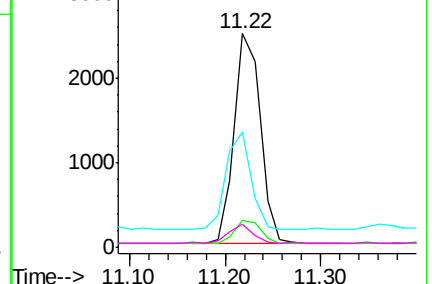
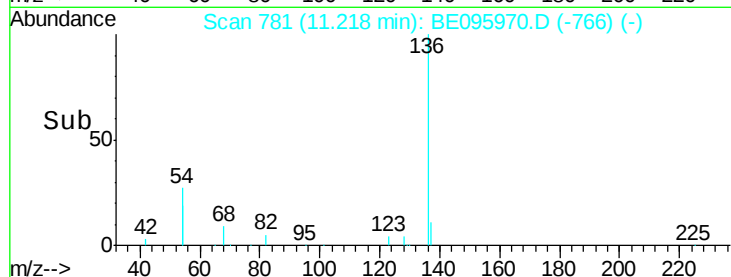


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 9.57 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

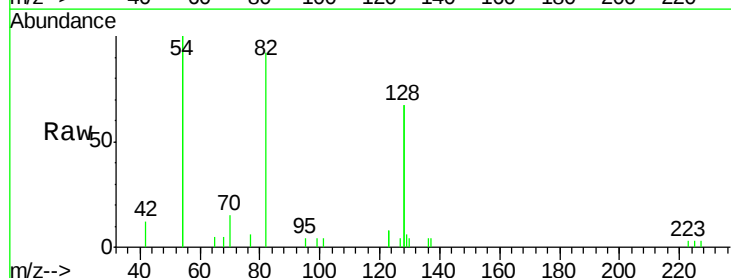
Tgt Ion: 82 Resp: 2012

Ion Ratio Lower Upper

82 100

128 145.8 150.0 225.0#

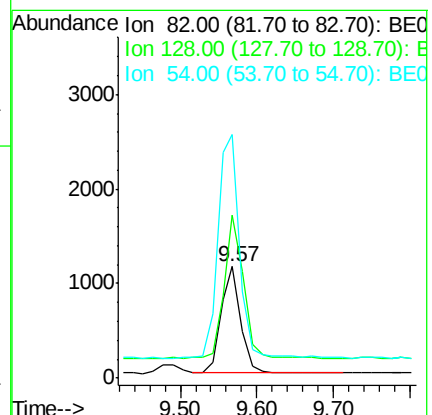
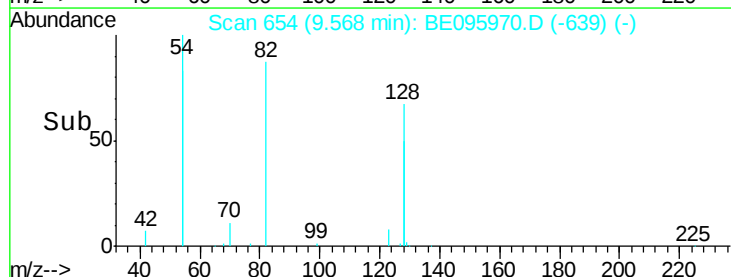
54 218.1 154.2 231.4



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: 0.347 ng

RT: 11.27 min Scan# 785

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

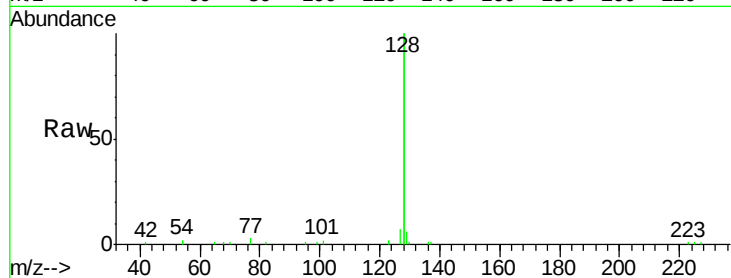
Tot Ion:128 Resp: 18514

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

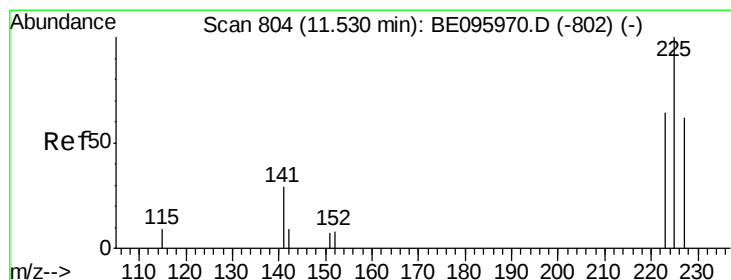
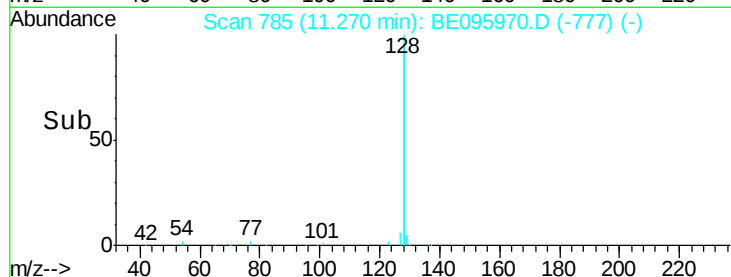
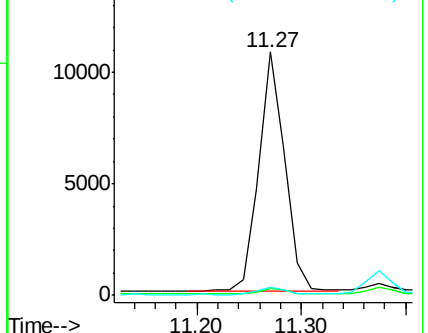
127 3.6 2.8 4.2



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: 0.216 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

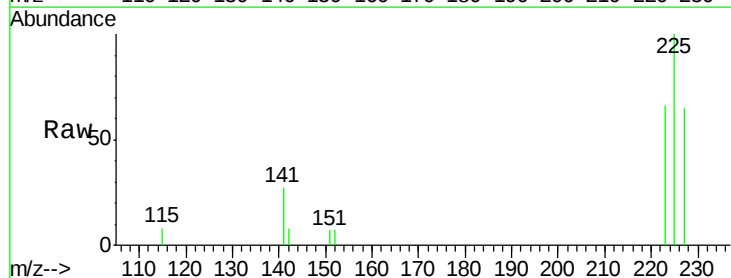
Tgt Ion:225 Resp: 792

Ion Ratio Lower Upper

225 100

223 63.0 53.0 79.6

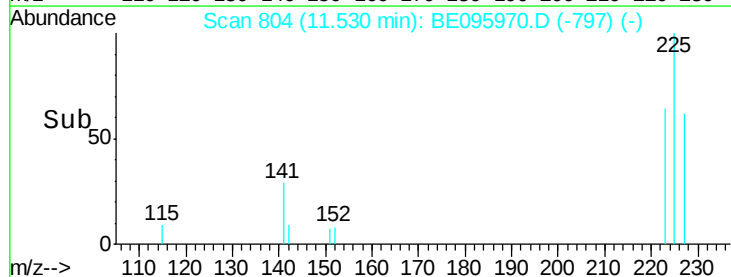
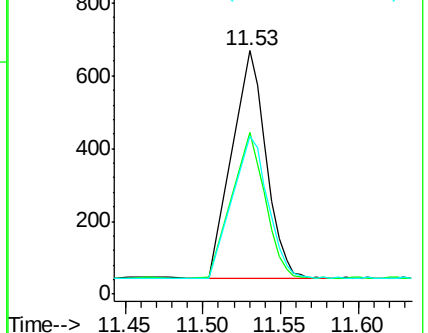
227 82.4 51.4 77.2#

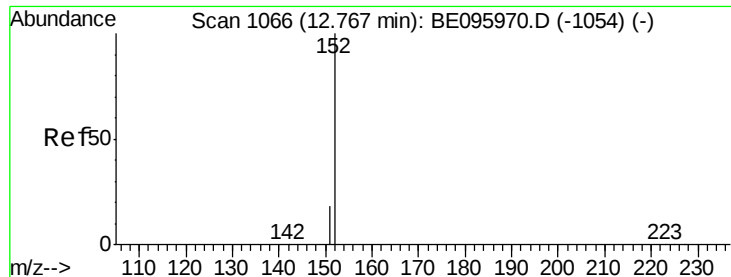


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

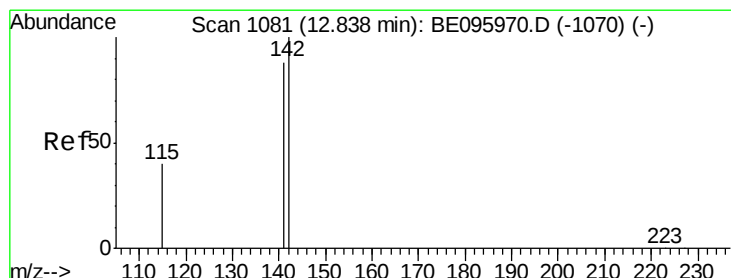
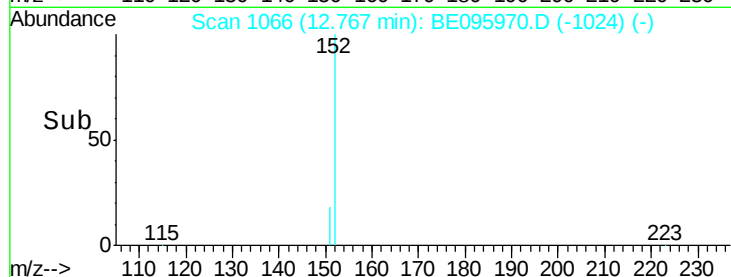
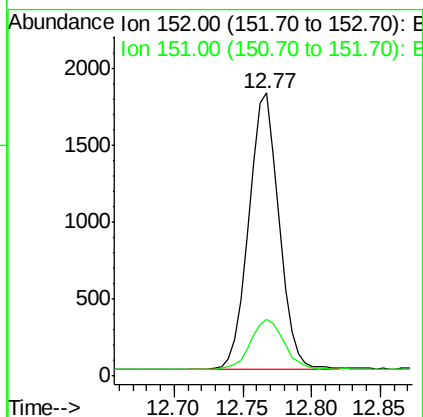
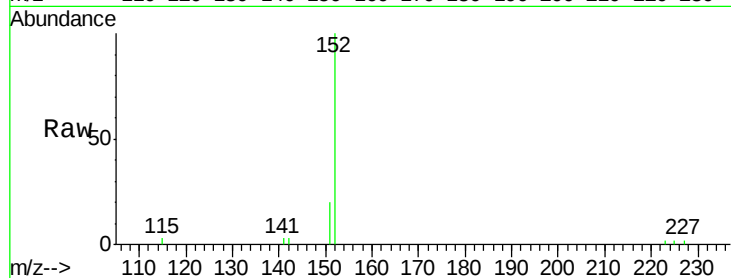




#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

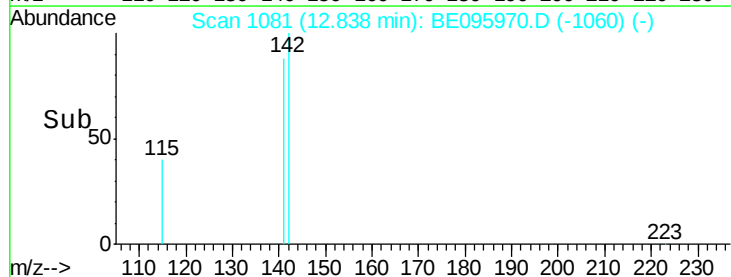
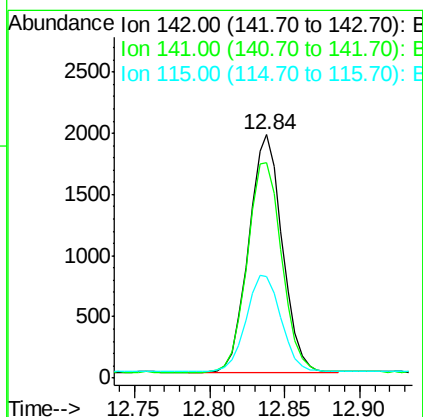
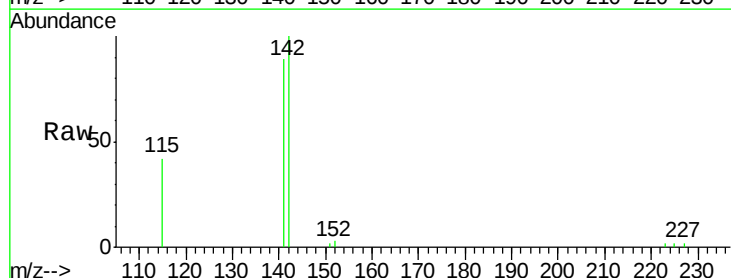
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 2772
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.332 ng
RT: 12.84 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:142 Resp: 3026
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 41.8 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: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

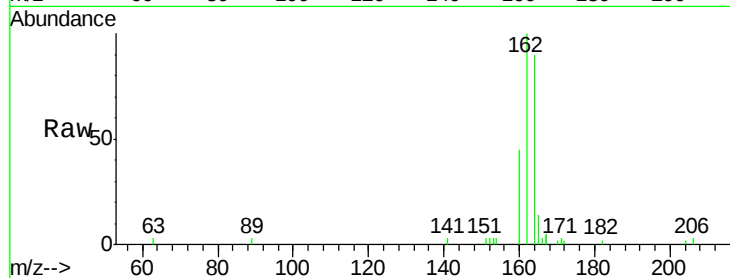
Tot Ion:164 Resp: 2539

Ion Ratio Lower Upper

164 100

162 111.3 83.1 124.7

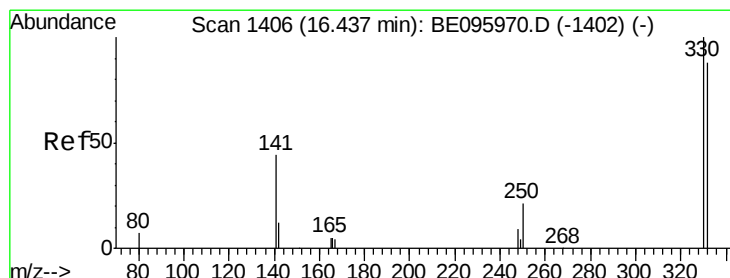
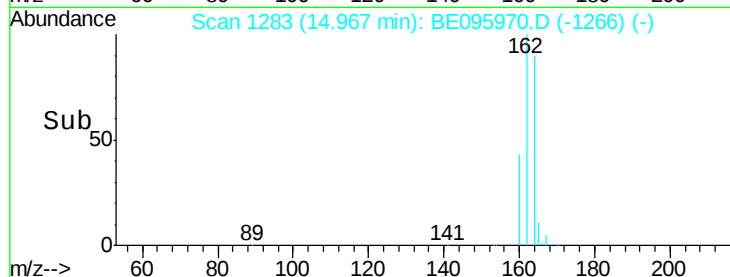
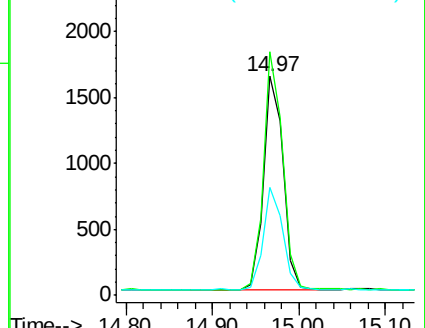
160 49.6 37.1 55.7



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: 0.304 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

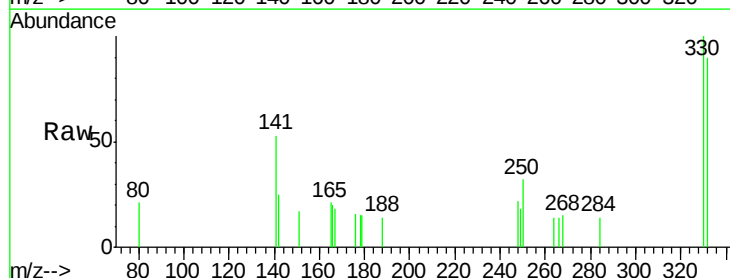
Tgt Ion:330 Resp: 446

Ion Ratio Lower Upper

330 100

332 92.6 152.7 229.1#

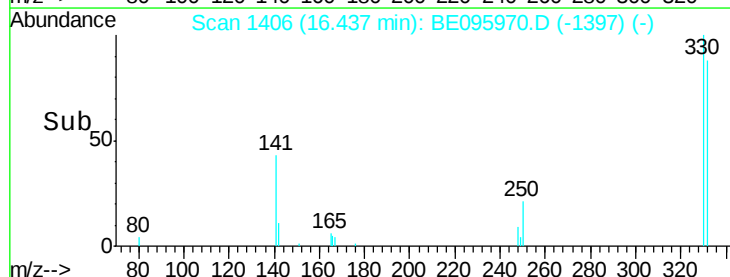
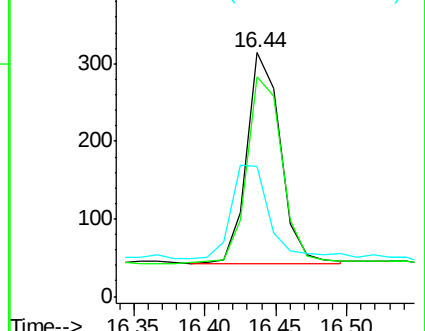
141 49.3 33.7 50.5

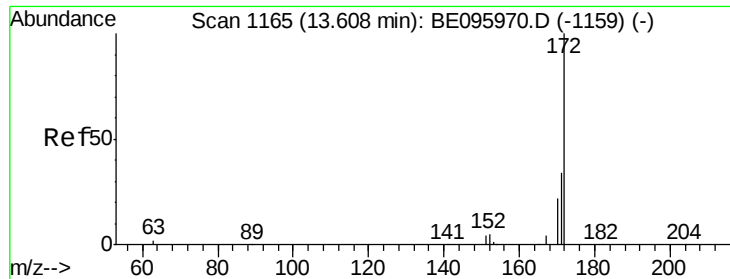


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

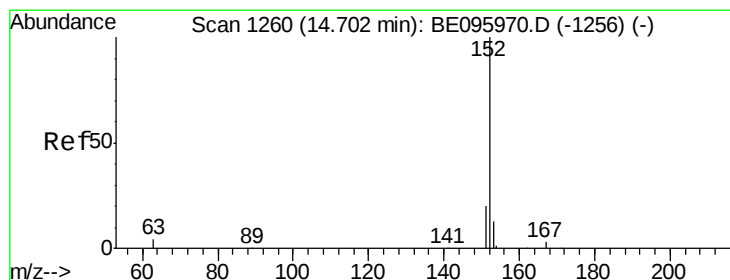
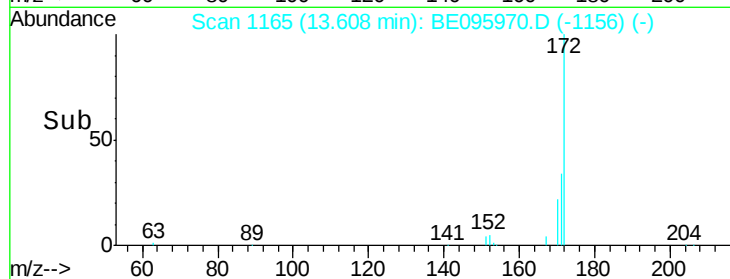
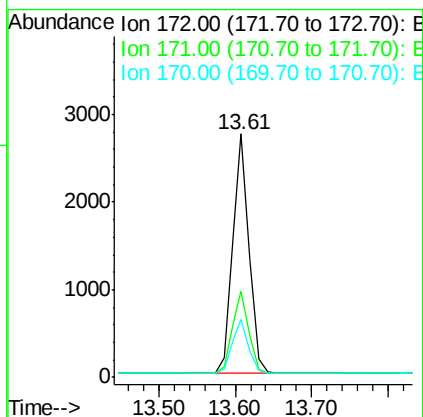
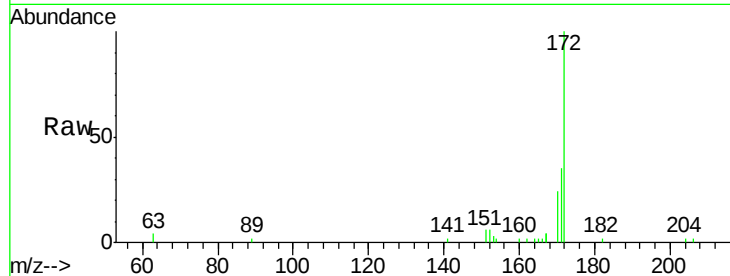




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

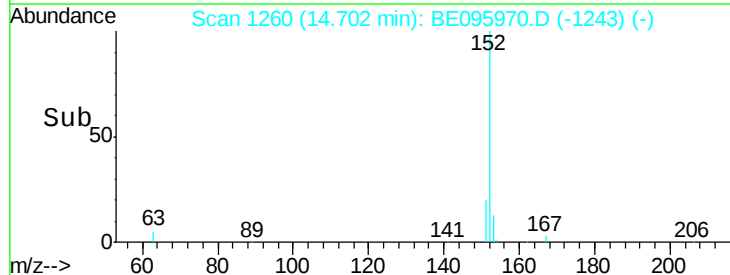
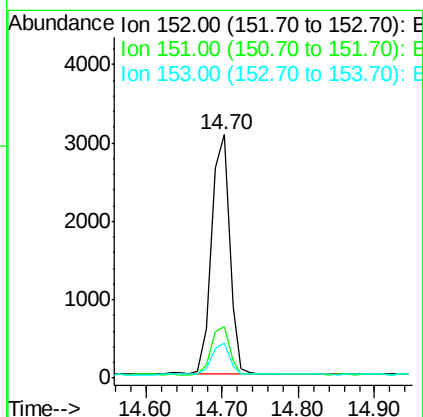
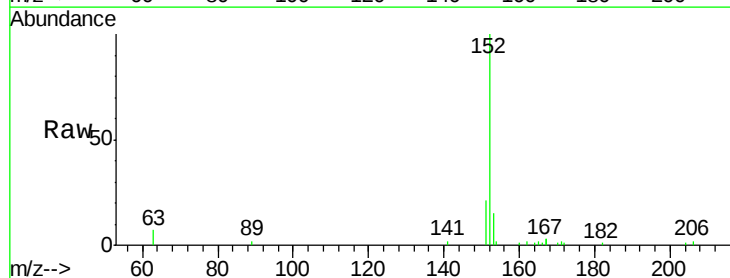
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

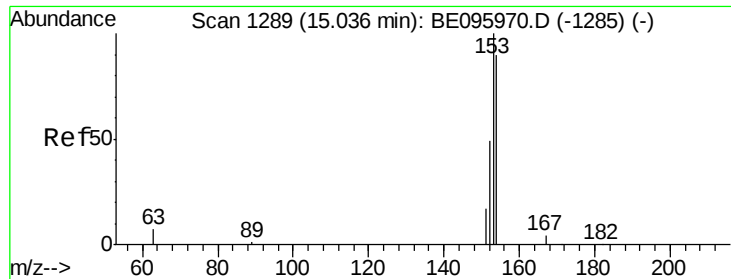
Tot Ion:172 Resp: 4158
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 23.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.70 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:152 Resp: 5024
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.5 10.5 15.7





#17

Acenaphthene

Concen: 0.341 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

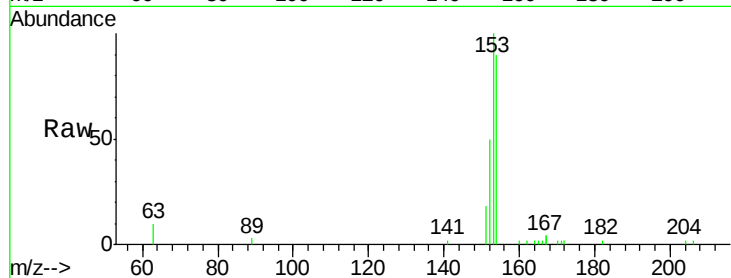
Tot Ion:154 Resp: 3019

Ion Ratio Lower Upper

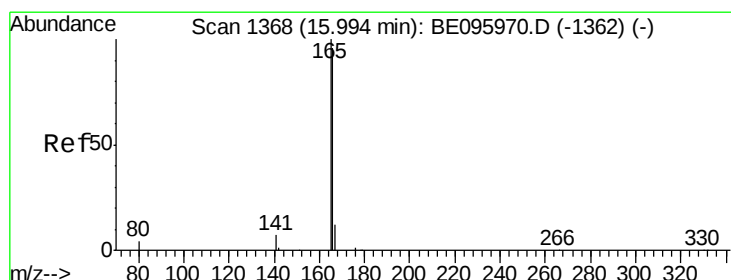
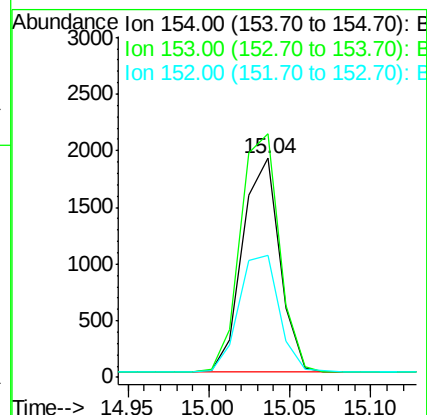
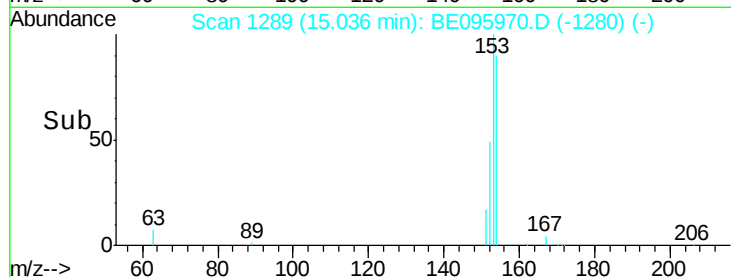
154 100

153 116.1 89.2 133.8

152 59.1 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: 0.322 ng

RT: 15.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

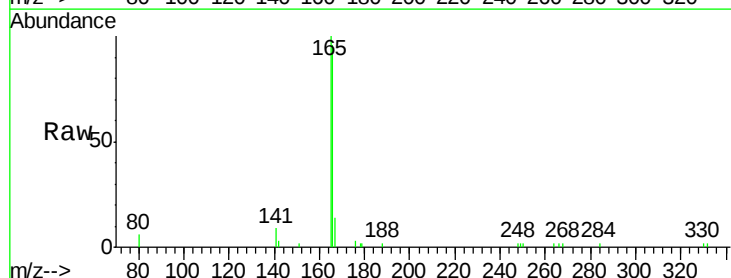
Tgt Ion:166 Resp: 3756

Ion Ratio Lower Upper

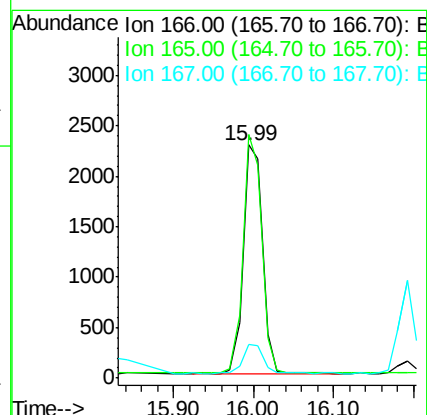
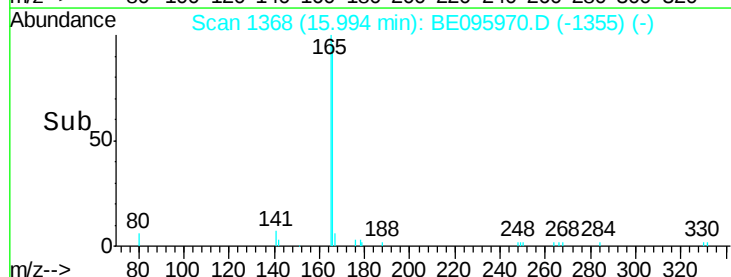
166 100

165 101.7 77.8 116.6

167 13.4 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: 17.68 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

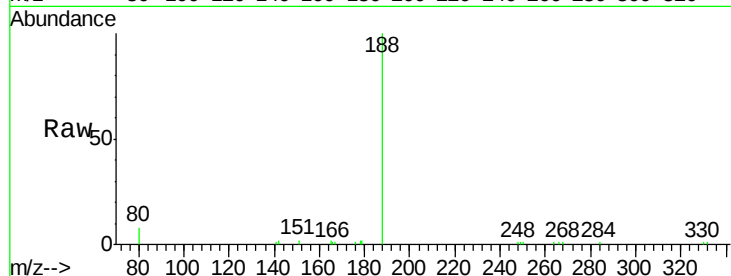
Tot Ion:188 Resp: 6044

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

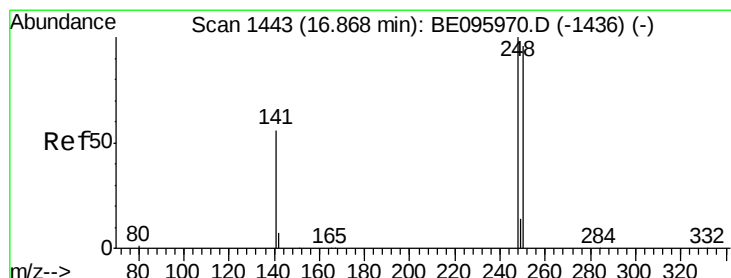
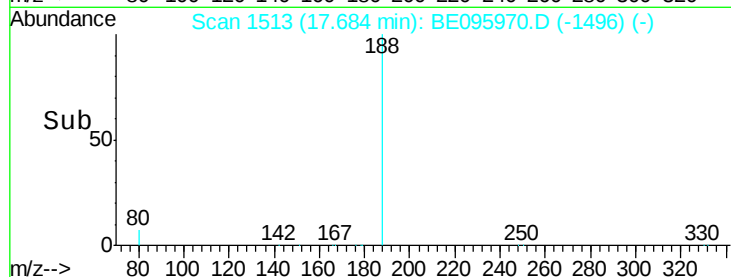
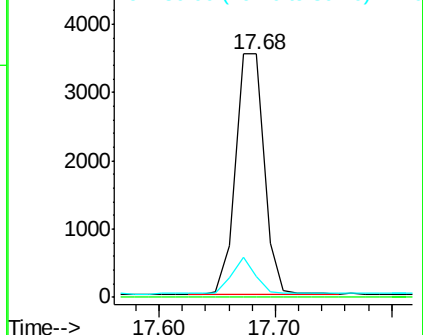
80 8.5 3.6 5.4#



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: 0.372 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

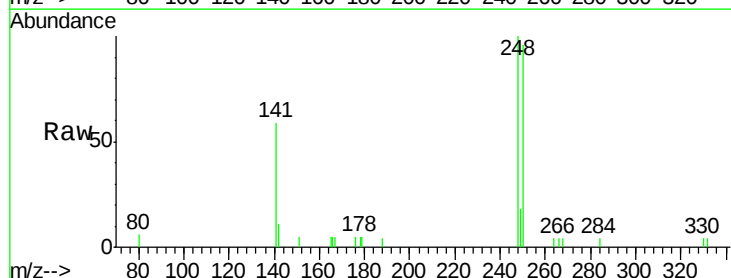
Tgt Ion:248 Resp: 1350

Ion Ratio Lower Upper

248 100

250 96.1 62.7 94.1#

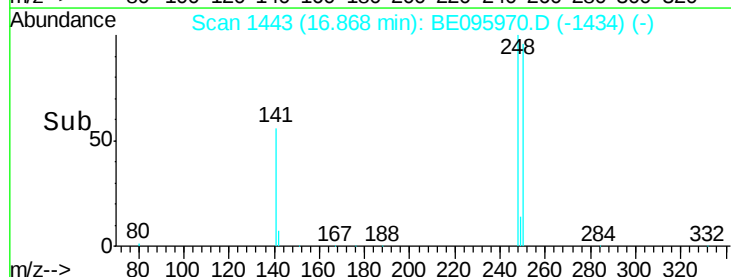
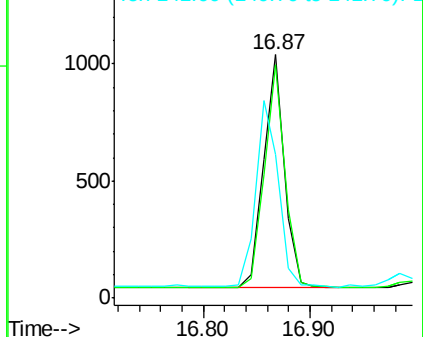
141 59.0 48.2 72.2



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: 0.382 ng

RT: 17.00 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

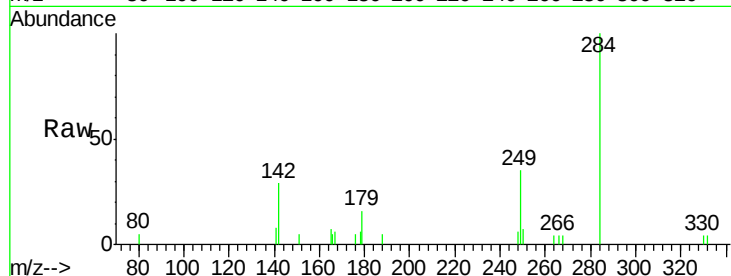
Tot Ion:284 Resp: 1385

Ion Ratio Lower Upper

284 100

142 42.2 22.1 33.1#

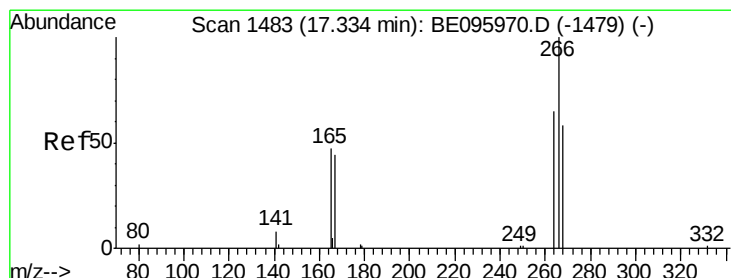
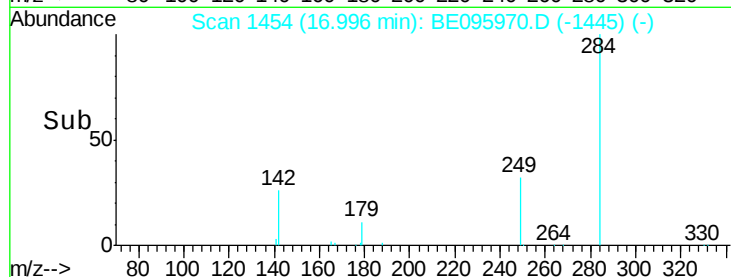
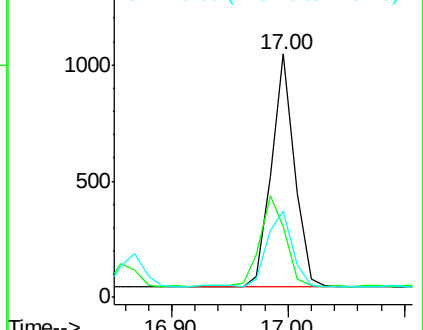
249 35.3 34.8 52.2



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: 0.364 ng

RT: 17.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

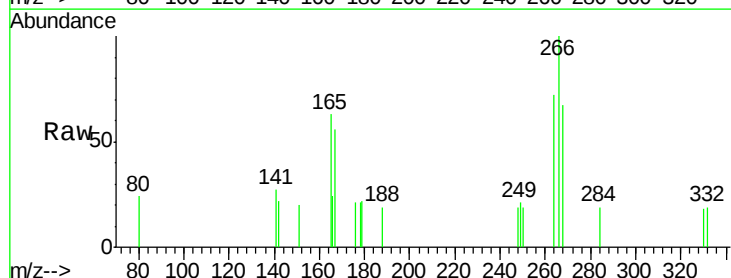
Tgt Ion:266 Resp: 382

Ion Ratio Lower Upper

266 100

264 72.3 72.5 108.7#

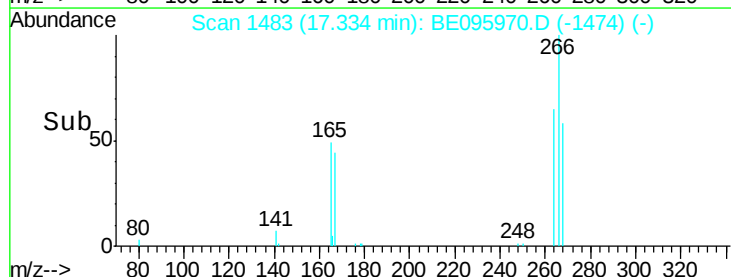
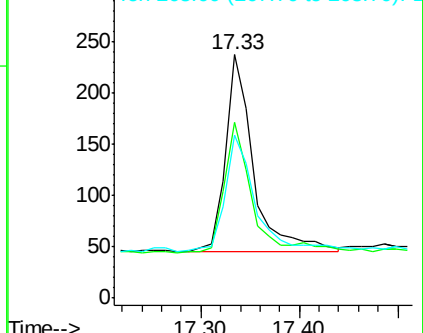
268 66.8 73.8 110.6#

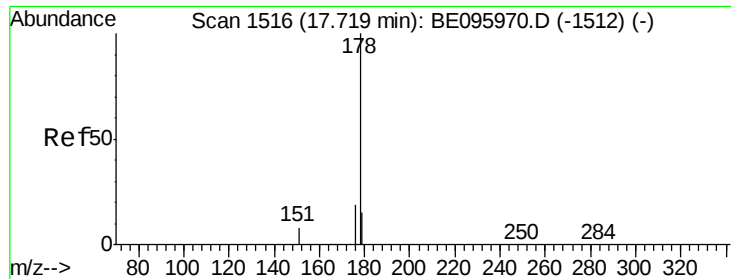


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.354 ng

RT: 17.72 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

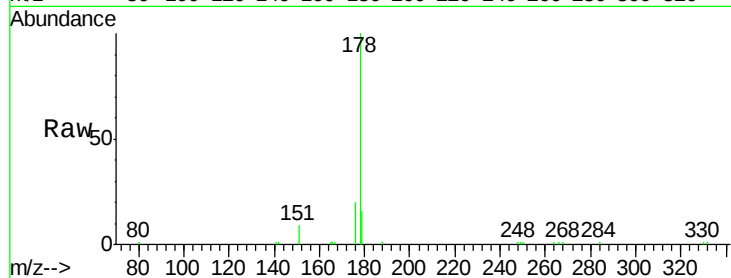
Tot Ion:178 Resp: 6411

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

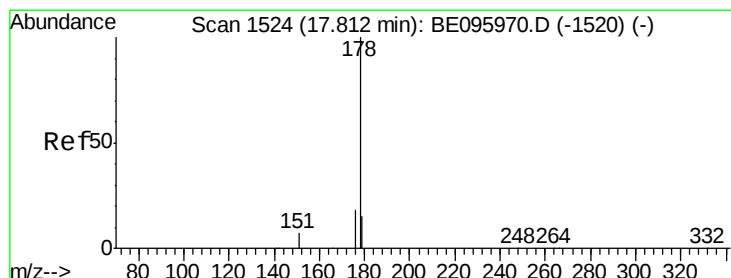
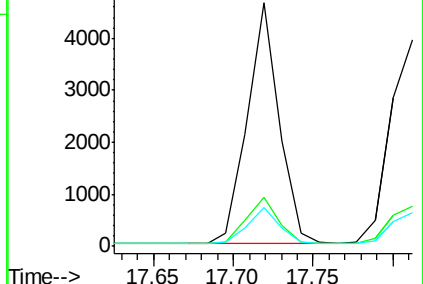
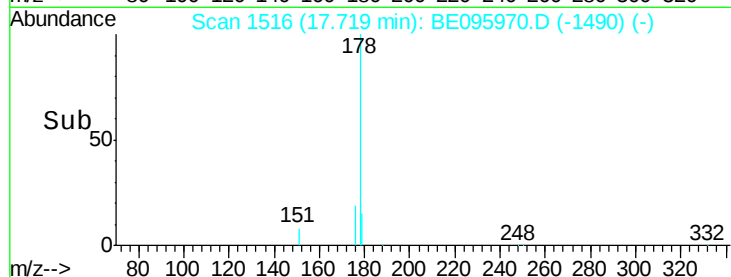
179 14.8 11.8 17.6



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: 0.330 ng

RT: 17.81 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

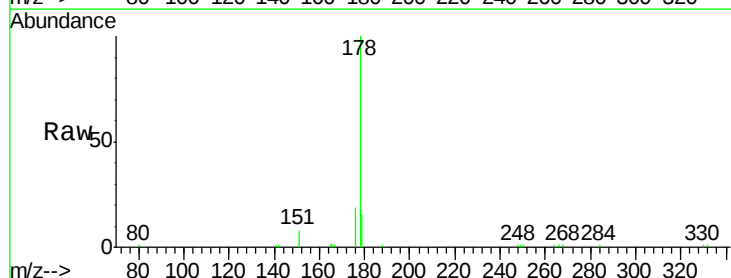
Tgt Ion:178 Resp: 5971

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

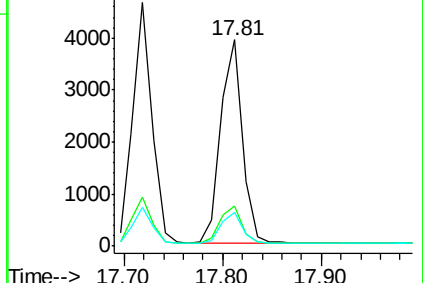
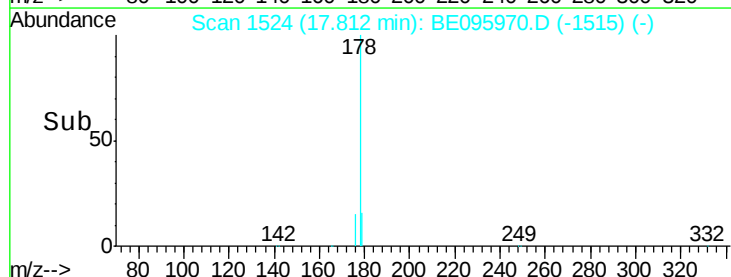
179 15.3 13.0 19.6

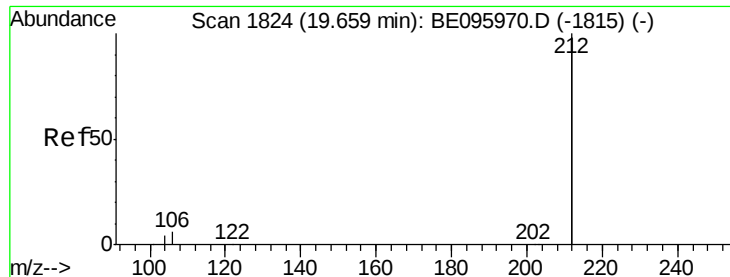


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

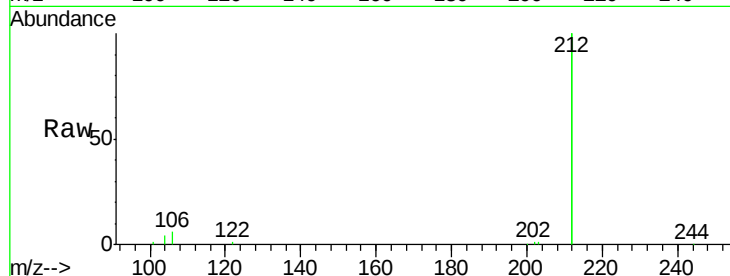
Tot Ion:212 Resp: 30310

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

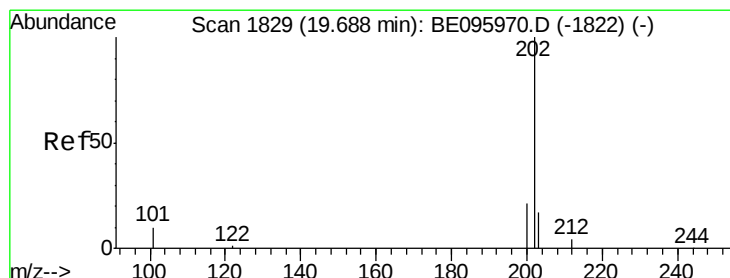
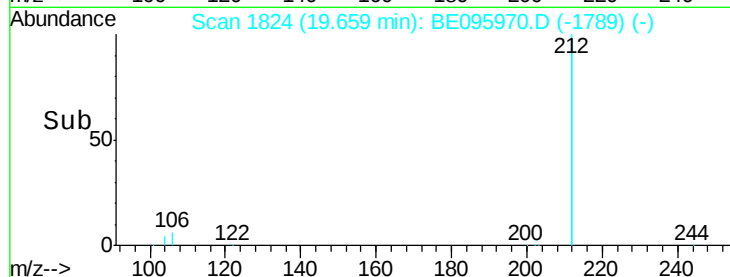
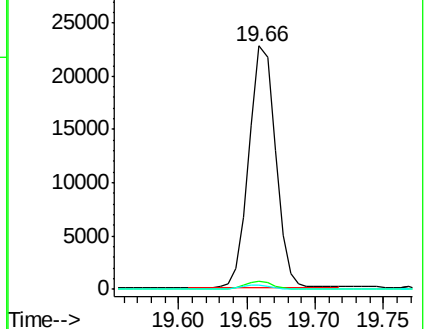
104 1.7 1.6 2.4



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: 0.329 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

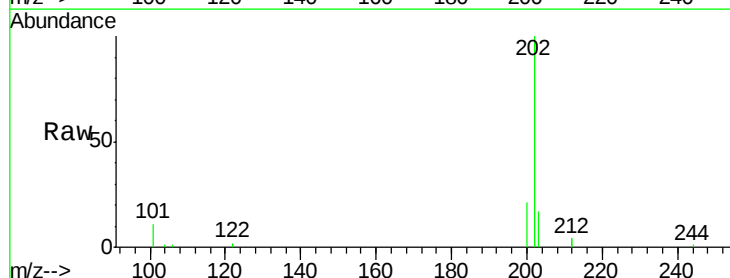
Tgt Ion:202 Resp: 8272

Ion Ratio Lower Upper

202 100

101 10.2 9.8 14.8

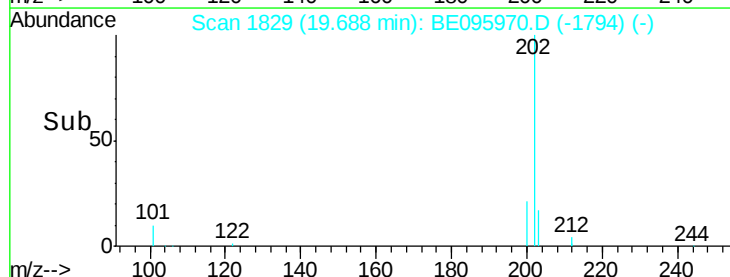
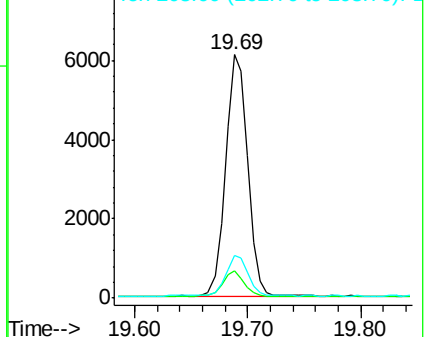
203 16.5 13.7 20.5



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: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

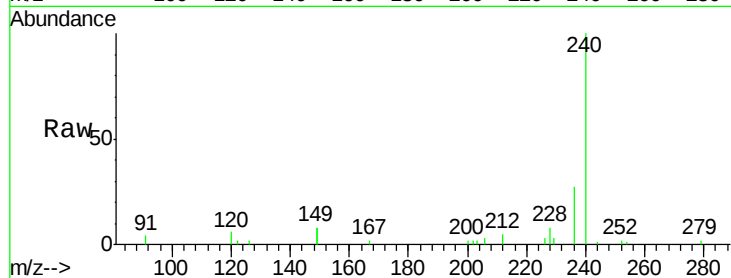
Tot Ion:240 Resp: 6809

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

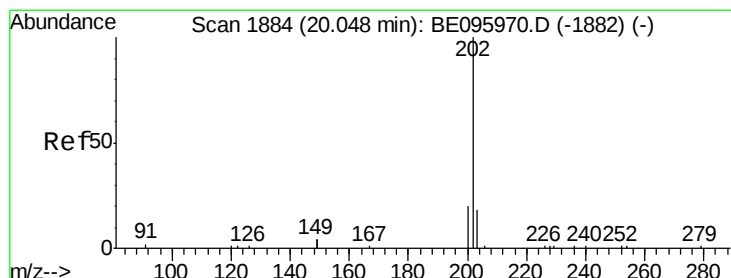
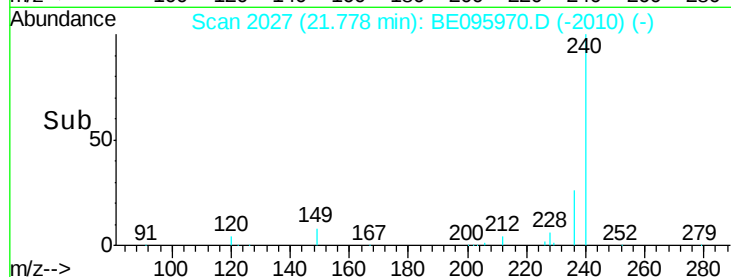
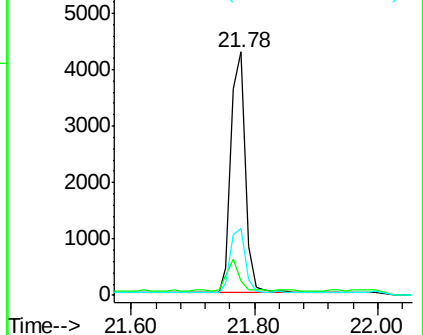
236 27.4 20.7 31.1



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: 0.174 ng

RT: 20.05 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

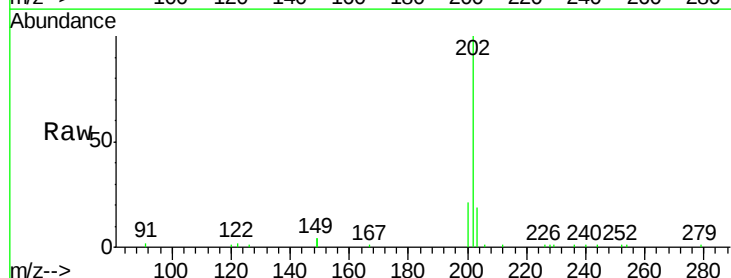
Tgt Ion:202 Resp: 4831

Ion Ratio Lower Upper

202 100

200 22.8 16.6 25.0

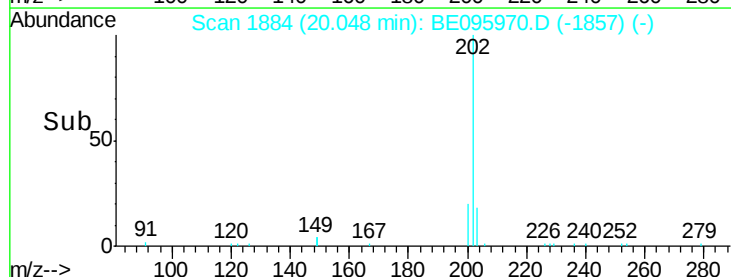
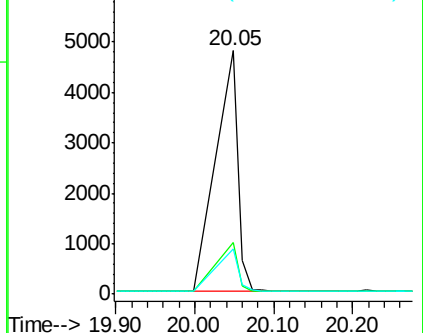
203 18.6 13.8 20.8



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: 0.381 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

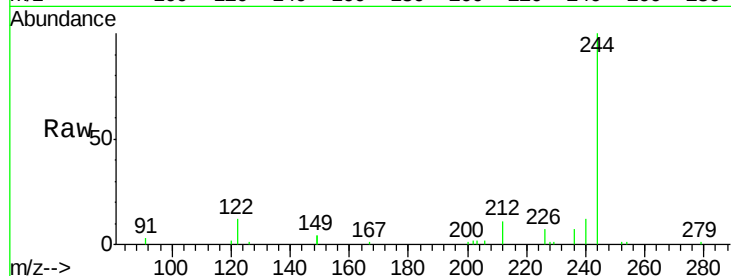
Tot Ion:244 Resp: 5508

Ion Ratio Lower Upper

244 100

212 11.2 25.4 38.0#

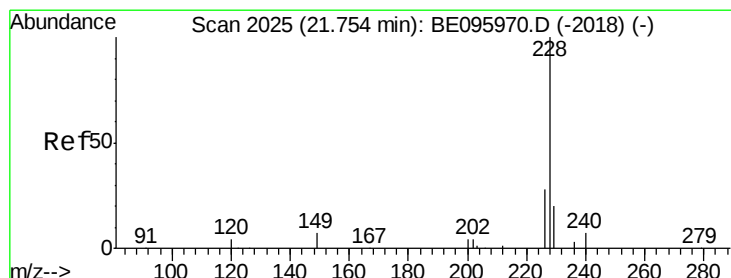
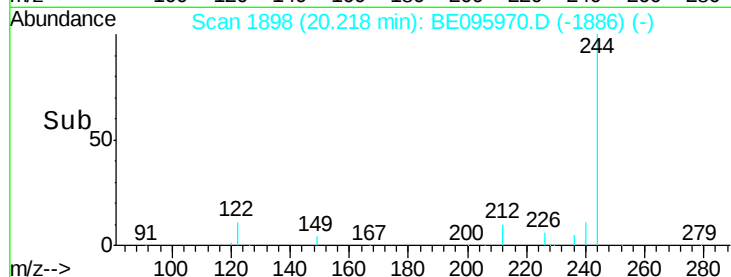
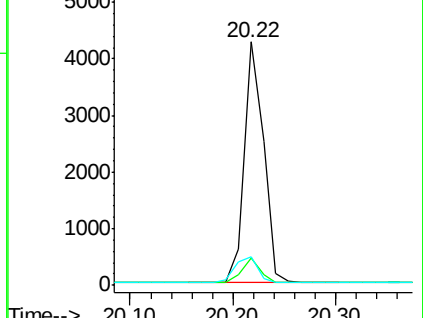
122 11.9 8.1 12.1



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: 0.339 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

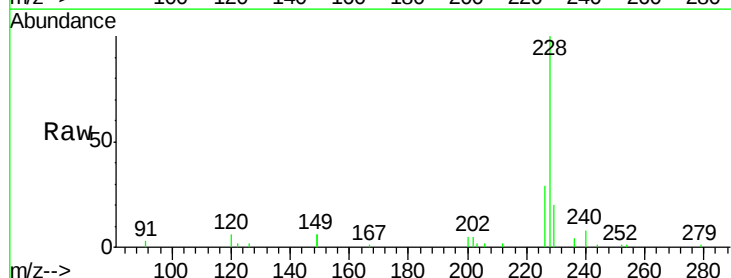
Tgt Ion:228 Resp: 8015

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

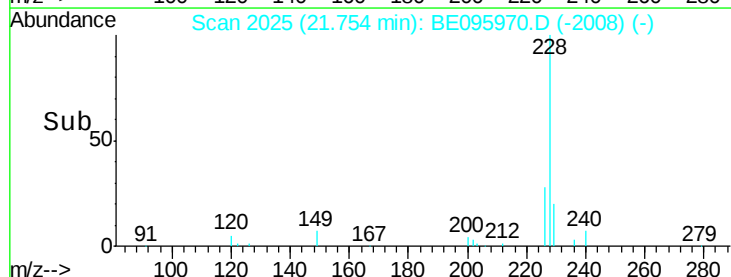
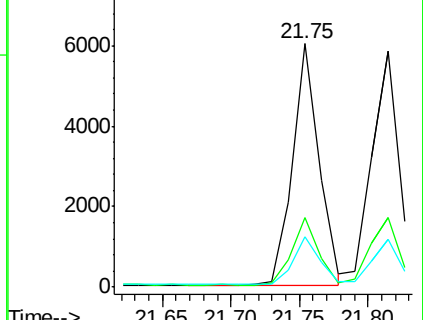
229 20.5 16.0 24.0



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: 0.372 ng

RT: 21.81 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

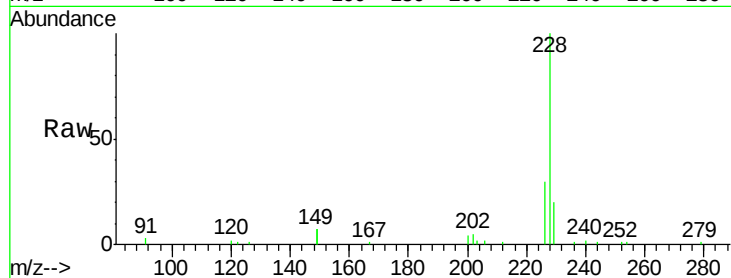
Tot Ion:228 Resp: 8012

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

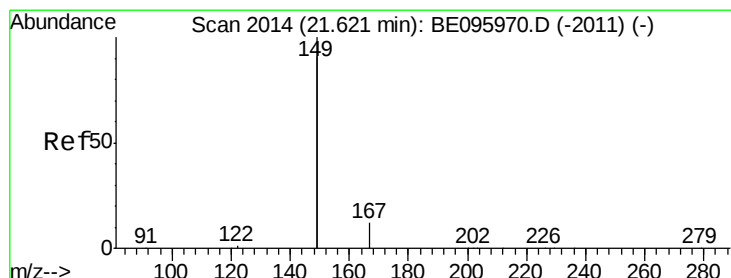
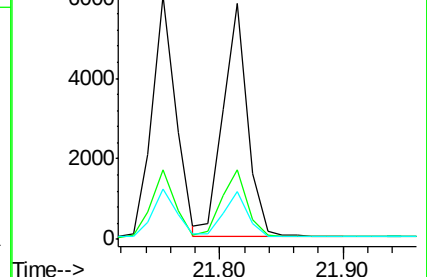
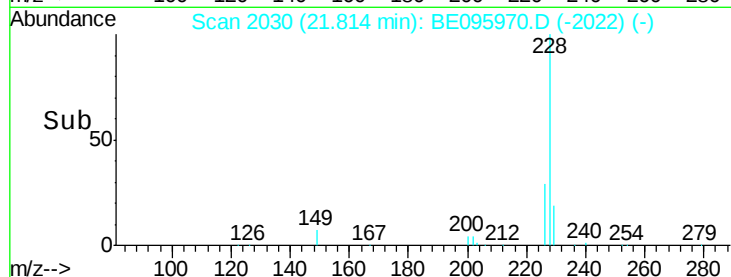
229 20.1 16.0 24.0



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: 0.291 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

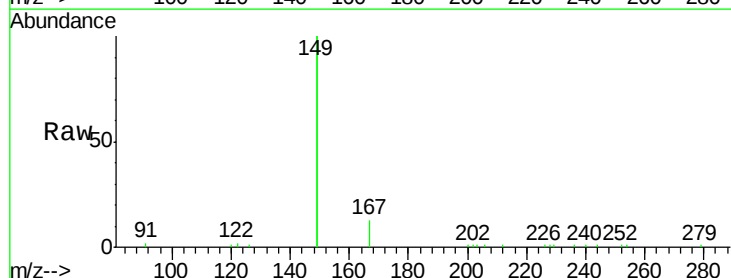
Tgt Ion:149 Resp: 20998

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

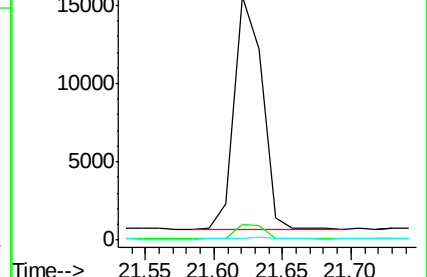
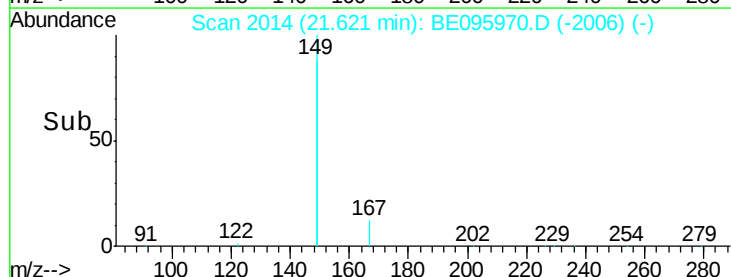
279 0.9 0.7 1.1



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

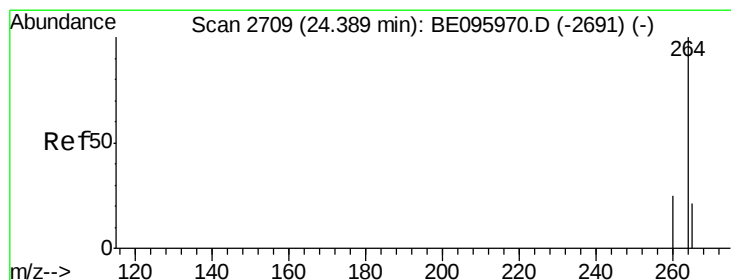
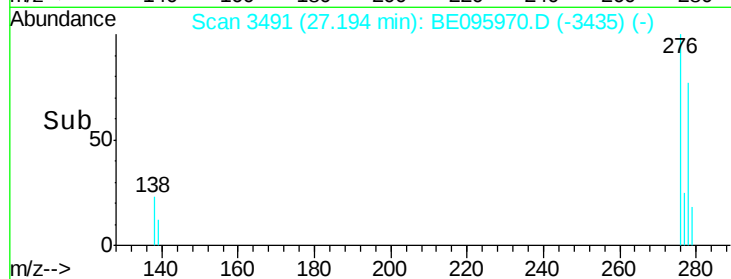
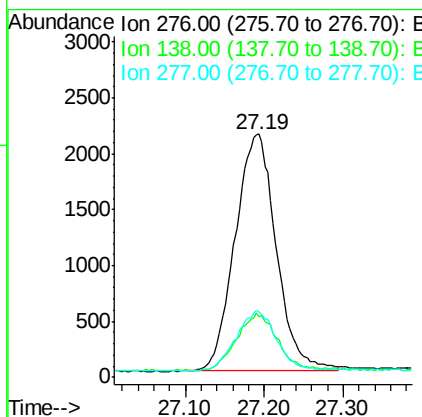
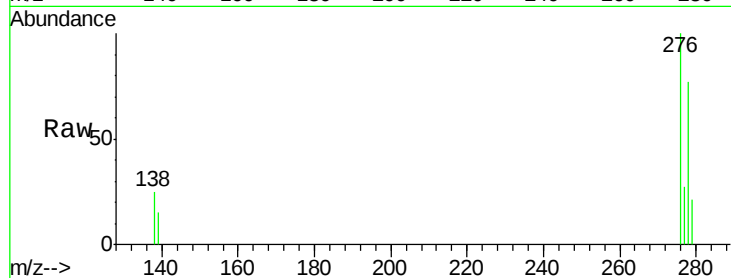




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng
RT: 27.19 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

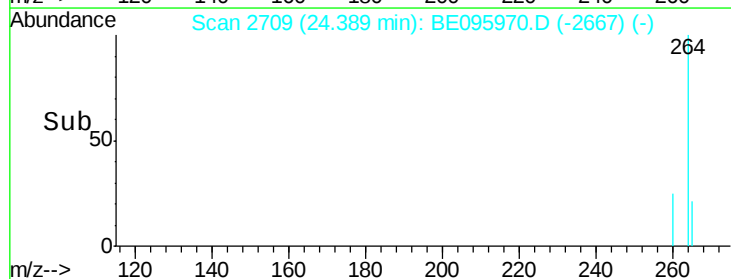
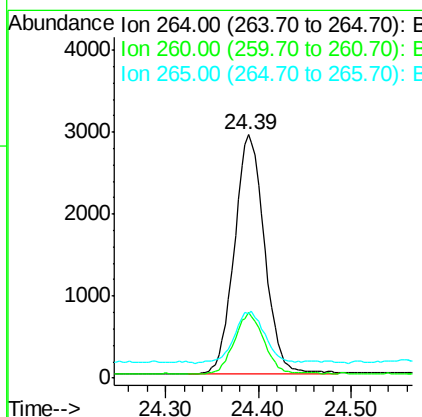
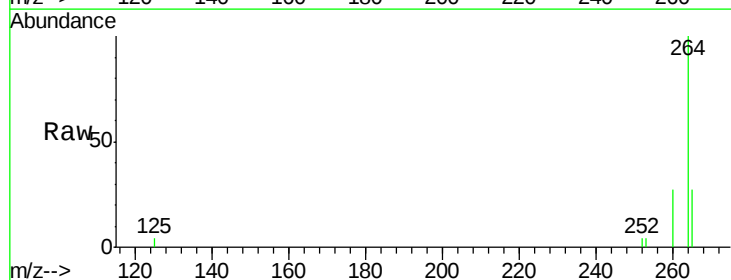
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:276 Resp: 7705
Ion Ratio Lower Upper
276 100
138 23.0 22.5 33.7
277 24.9 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:264 Resp: 6555
Ion Ratio Lower Upper
264 100
260 26.8 20.5 30.7
265 26.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.344 ng

RT: 23.58 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

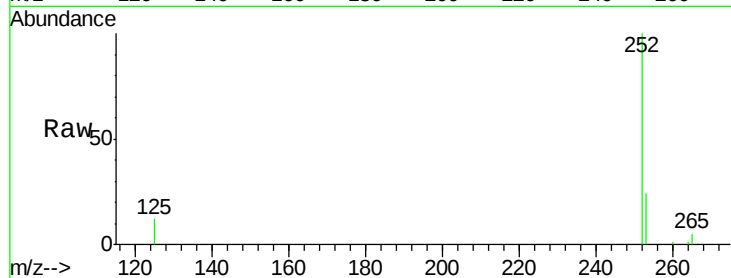
Tot Ion:252 Resp: 7464

Ion Ratio Lower Upper

252 100

253 23.7 20.0 30.0

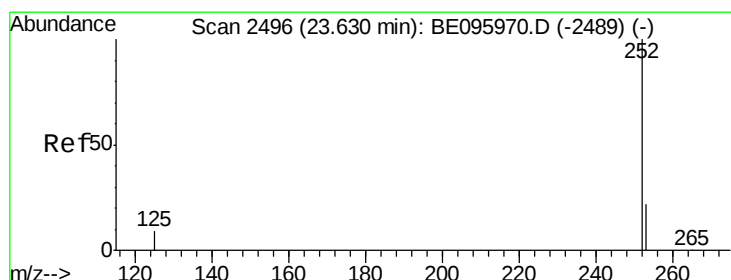
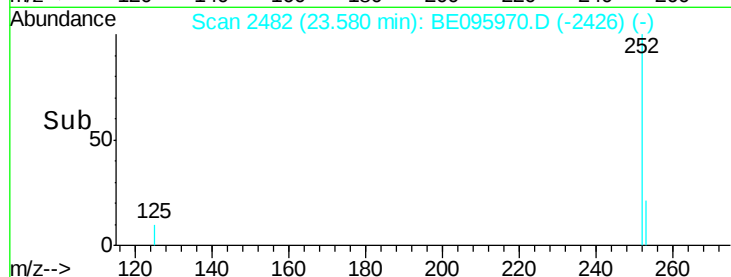
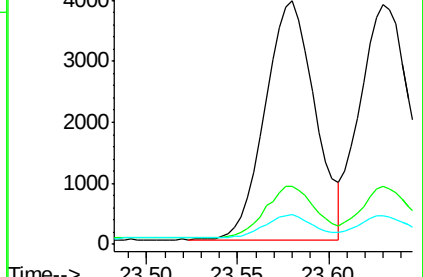
125 12.2 16.0 24.0#



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: 0.348 ng

RT: 23.63 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

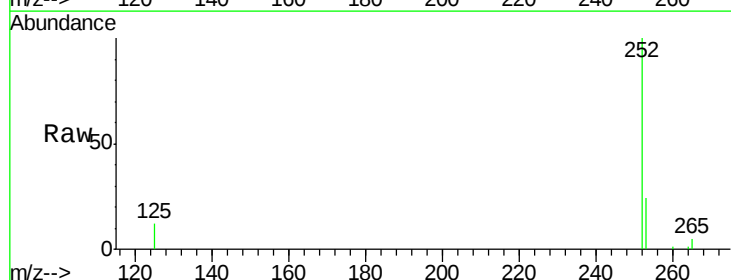
Tgt Ion:252 Resp: 7551

Ion Ratio Lower Upper

252 100

253 24.0 16.0 24.0#

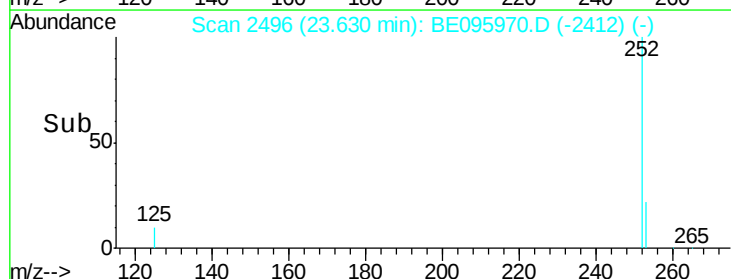
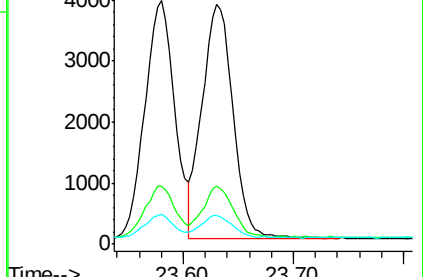
125 12.1 8.0 12.0#



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: 0.349 ng

RT: 24.27 min Scan# 2675

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

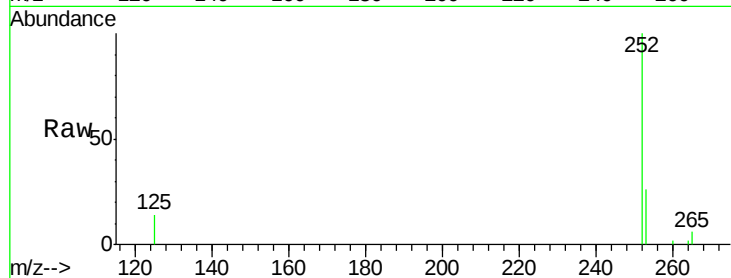
Tot Ion:252 Resp: 7091

Ion Ratio Lower Upper

252 100

253 25.6 16.0 24.0#

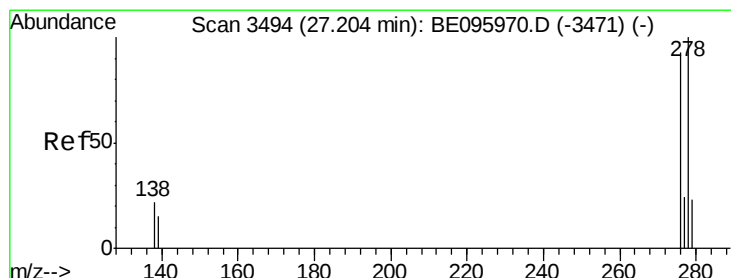
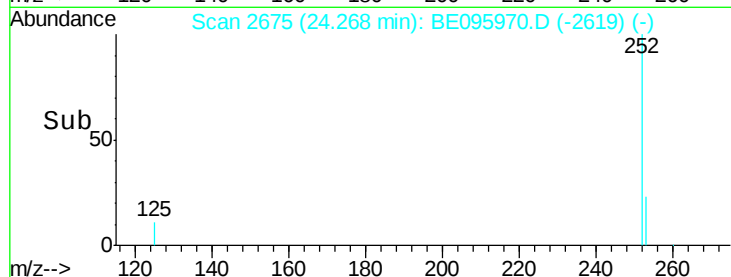
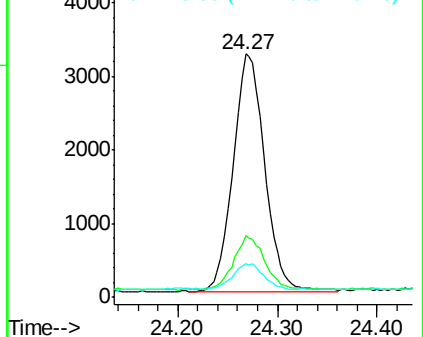
125 13.8 12.0 18.0



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: 0.318 ng

RT: 27.20 min Scan# 3494

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

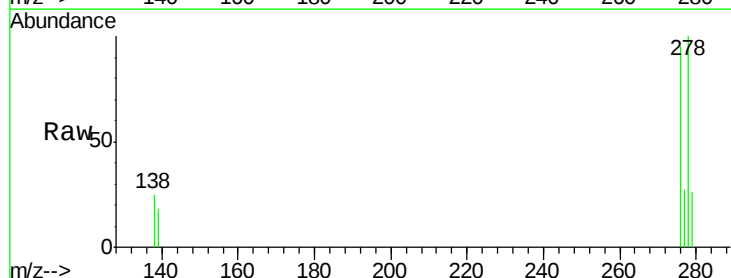
Tgt Ion:278 Resp: 6132

Ion Ratio Lower Upper

278 100

139 18.3 16.0 24.0

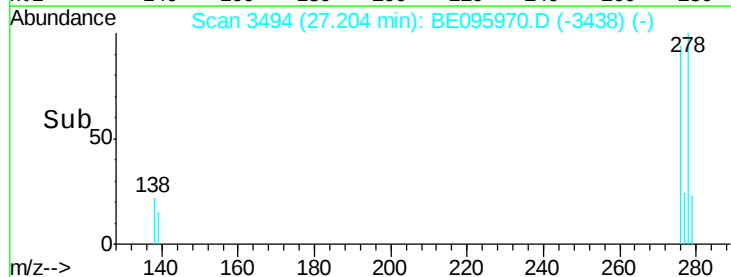
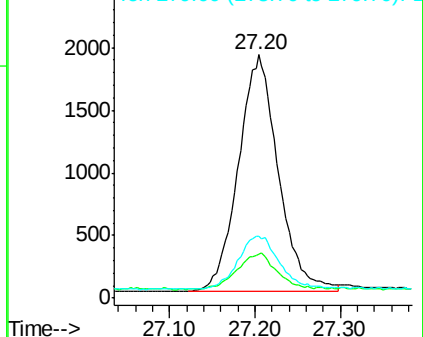
279 25.6 20.0 30.0



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: 0.344 ng

RT: 28.06 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE095970.D

Acq: 11 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

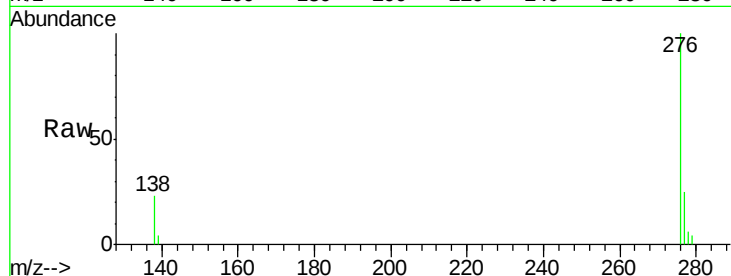
Tot Ion: 276 Resp: 6665

Ion Ratio Lower Upper

276 100

277 25.3 16.0 24.0#

138 23.5 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

