

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094176.D
 Acq On : 6 Oct 2017 12:37
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Oct 06 13:37:25 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 13:34:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1314	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6119	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3614	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	10939	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10354	0.40	ng	0.00
34) Perylene-d12	23.91	264	9733	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1741	0.35	ng	0.00
5) Phenol-d6	7.09	99	2505	0.36	ng	0.00
8) Nitrobenzene-d5	9.04	82	2022	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3823	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	589	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4959	0.42	ng	0.00
25) Fluoranthene-d10	19.26	212	44442	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	7808	0.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	1020	0.398	ng	# 91
3) n-Nitrosodimethylamine	3.74	42	1017	0.311	ng	# 94
6) bis(2-Chloroethyl)ether	7.33	93	2015	0.376	ng	94
9) Naphthalene	10.74	128	28106	0.407	ng	100
10) Hexachlorobutadiene	11.01	225	1055	0.407	ng	98
12) 2-Methylnaphthalene	12.35	142	4576	0.409	ng	98
16) Acenaphthylene	14.23	152	7350	0.406	ng	100
17) Acenaphthene	14.57	154	4933	0.436	ng	97
18) Fluorene	15.55	166	6363	0.414	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2538	0.566	ng	# 85
21) Hexachlorobenzene	16.55	284	2243	0.792	ng	89
22) Pentachlorophenol	16.91	266	622	0.240	ng	# 76
23) Phenanthrene	17.27	178	15292	0.546	ng	99
24) Anthracene	17.37	178	11339	0.386	ng	99
26) Fluoranthene	19.29	202	13387	0.427	ng	99
28) Pyrene	19.65	202	14243	0.434	ng	99
30) Benzo(a)anthracene	21.38	228	13674	0.392	ng	99
31) Chrysene	21.44	228	13349	0.397	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	29706	0.178	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	13432	0.373	ng	99
35) Benzo(b)fluoranthene	23.13	252	13101	0.373	ng	100
36) Benzo(k)fluoranthene	23.18	252	13289	0.395	ng	99
37) Benzo(a)pyrene	23.79	252	12276	0.387	ng	99
38) Dibenzo(a,h)anthracene	26.56	278	11516	0.383	ng	100
39) Benzo(g,h,i)perylene	27.36	276	11616	0.391	ng	98

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

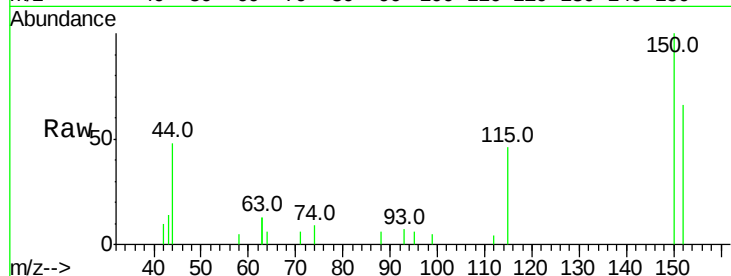


#1

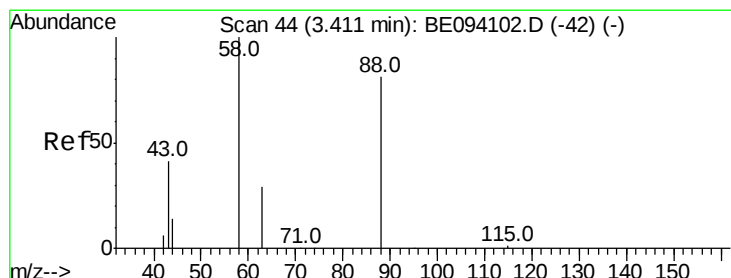
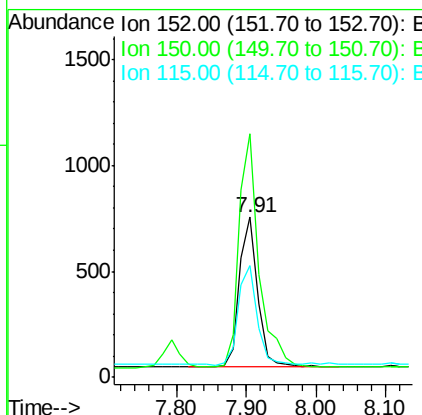
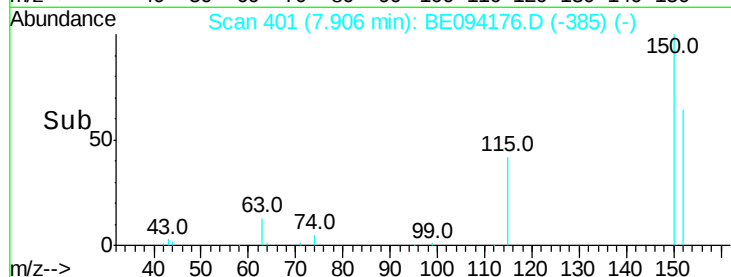
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094176.D
Acq: 6 Oct 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1314
Ion Ratio Lower Upper
152 100
150 152.3 117.2 175.8
115 70.2 57.0 85.6



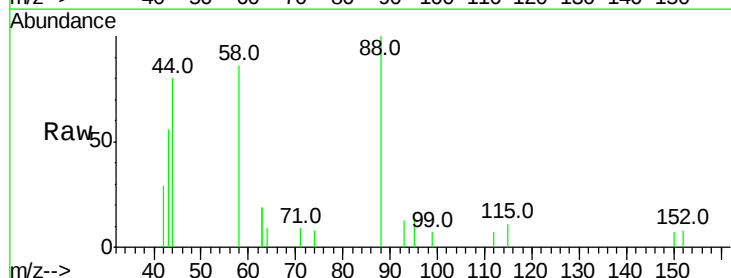
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



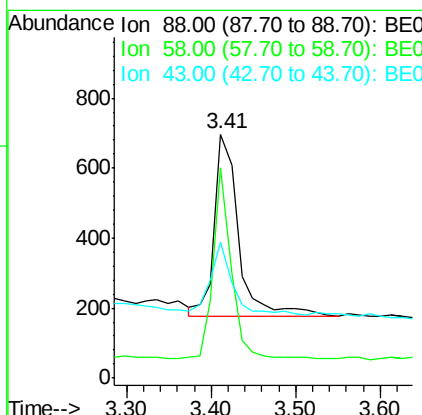
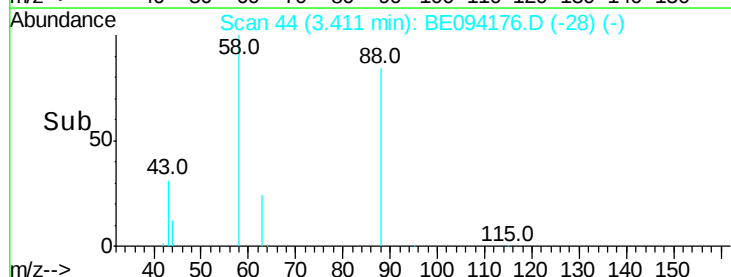
#2

1,4-Dioxane
Concen: 0.398 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094176.D
Acq: 6 Oct 2017 12:37

Tgt Ion: 88 Resp: 1020
Ion Ratio Lower Upper
88 100
58 78.8 63.2 94.8
43 36.2 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: 0.311 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

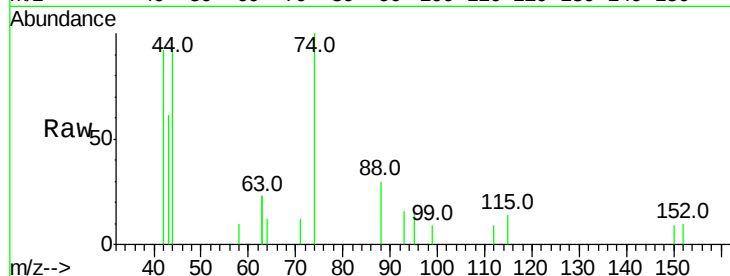
Tot Ion: 42 Resp: 1017

Ion Ratio Lower Upper

42 100

74 120.6 100.3 150.5

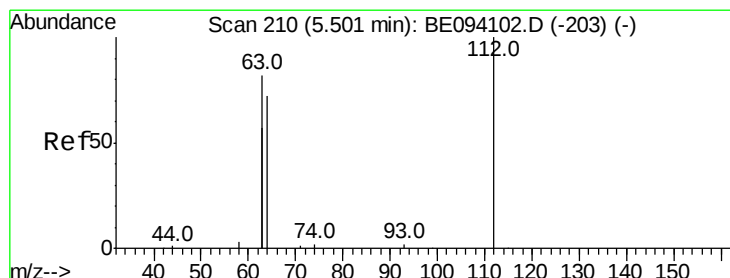
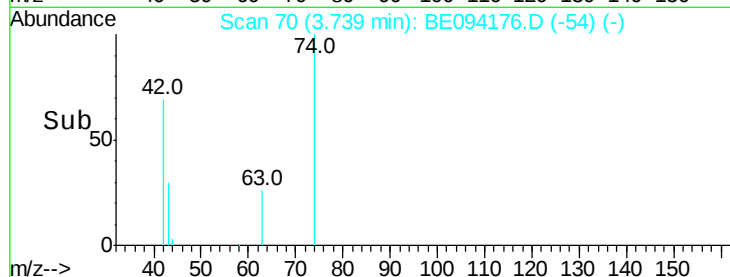
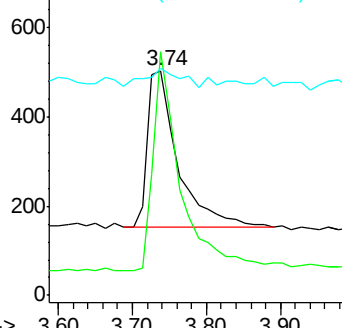
44 13.6 17.0 25.4#



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: 0.350 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

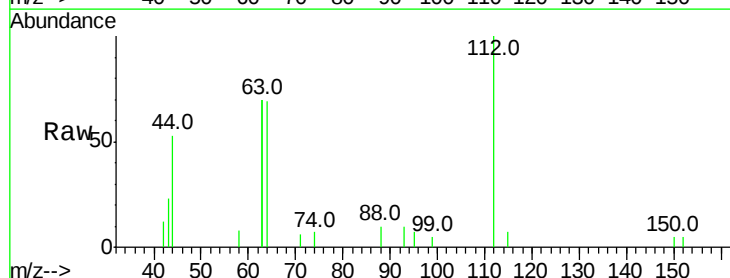
Tgt Ion: 112 Resp: 1741

Ion Ratio Lower Upper

112 100

64 76.9 60.1 90.1

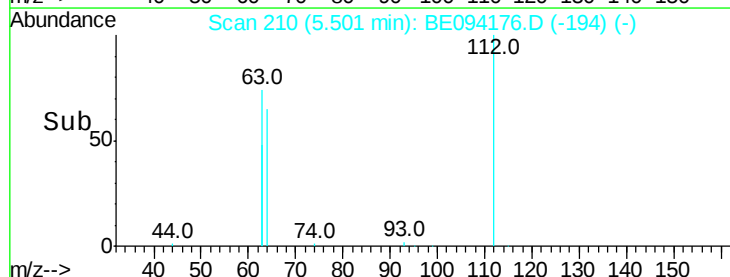
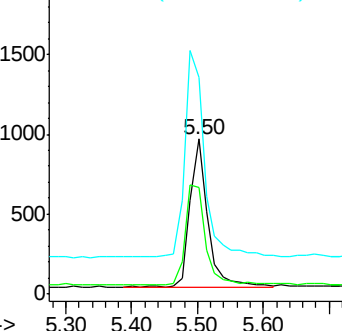
63 153.7 116.8 175.2



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: 0.362 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

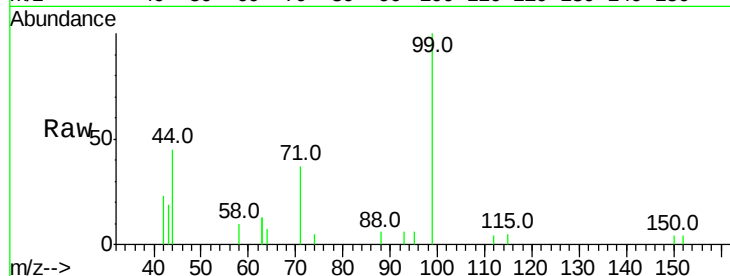
Tot Ion: 99 Resp: 2505

Ion Ratio Lower Upper

99 100

42 22.2 20.2 30.2

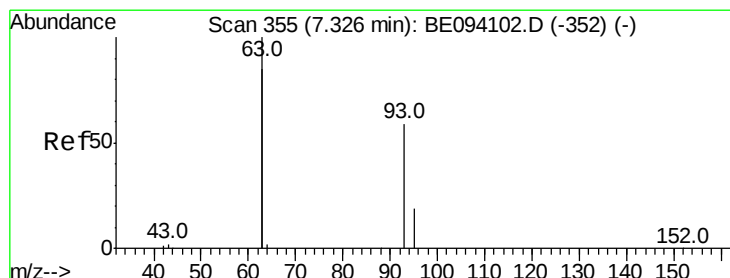
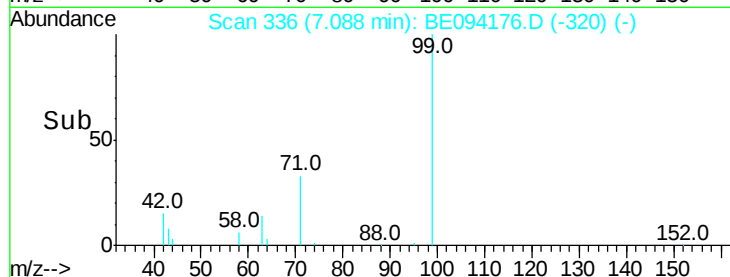
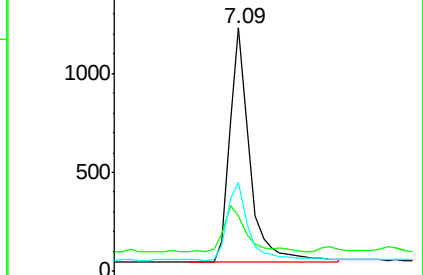
71 34.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.376 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

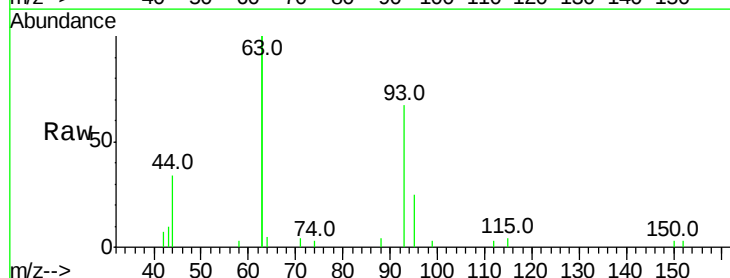
Tgt Ion: 93 Resp: 2015

Ion Ratio Lower Upper

93 100

63 357.8 275.3 412.9

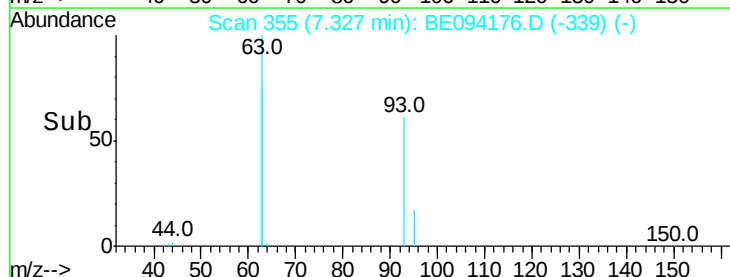
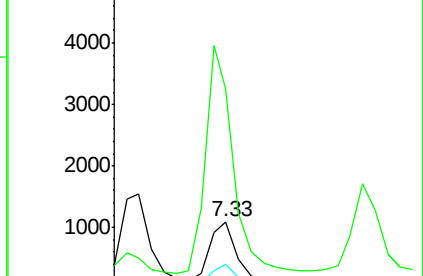
95 32.2 25.2 37.8

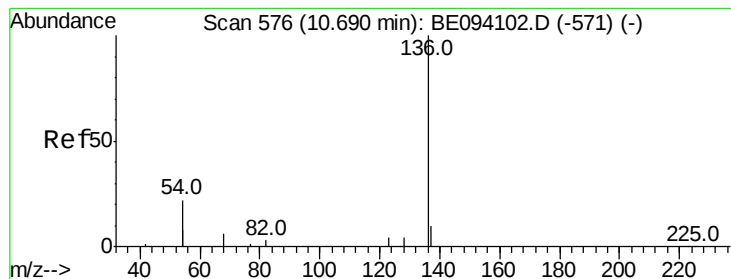


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 6119

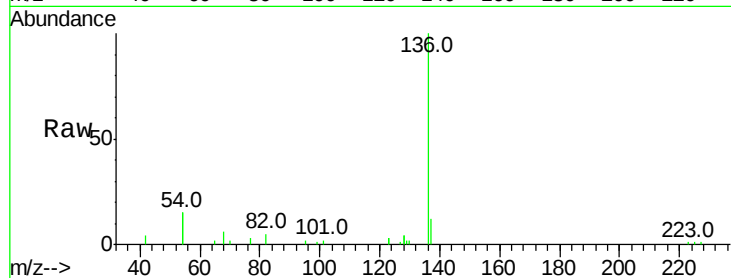
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 30.2 29.1 43.7

68 6.2 6.2 9.2

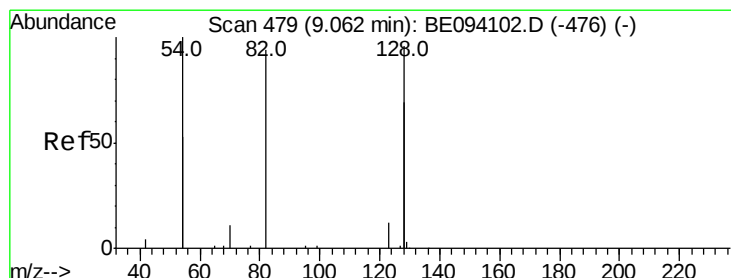
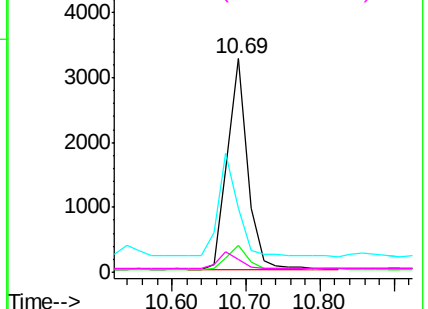
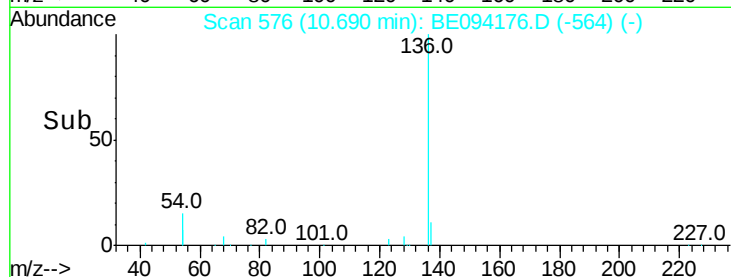


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 9.04 min Scan# 478

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

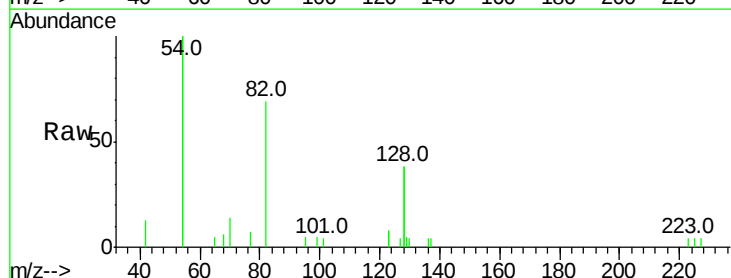
Tgt Ion: 82 Resp: 2022

Ion Ratio Lower Upper

82 100

128 110.1 150.0 225.0#

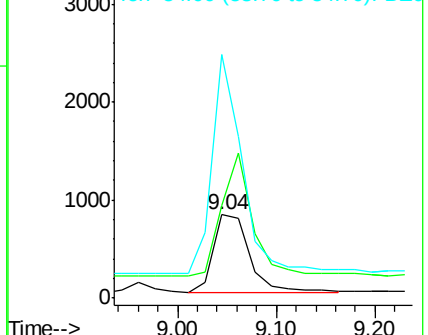
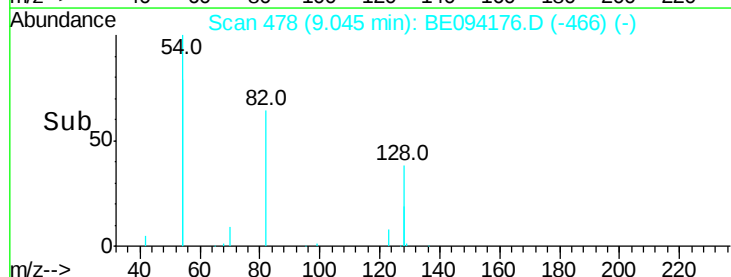
54 291.5 154.2 231.4#



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: 0.407 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

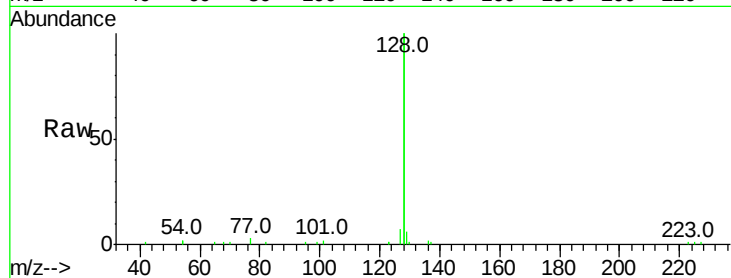
Tot Ion:128 Resp: 28106

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

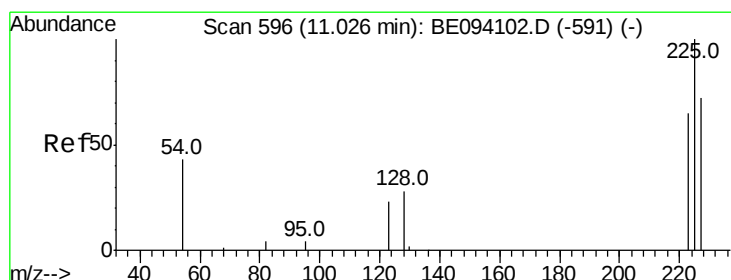
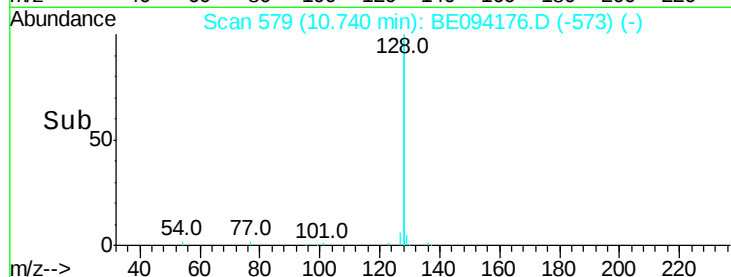
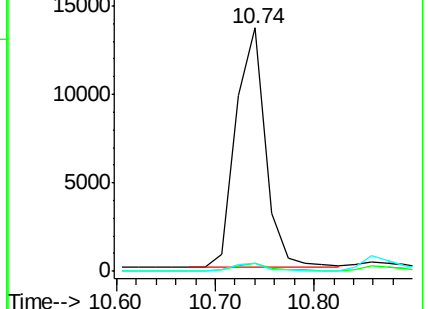
127 3.3 2.8 4.2



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: 0.407 ng

RT: 11.01 min Scan# 595

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

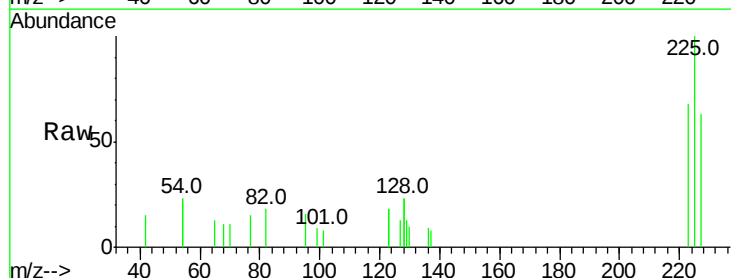
Tgt Ion:225 Resp: 1055

Ion Ratio Lower Upper

225 100

223 64.2 53.0 79.6

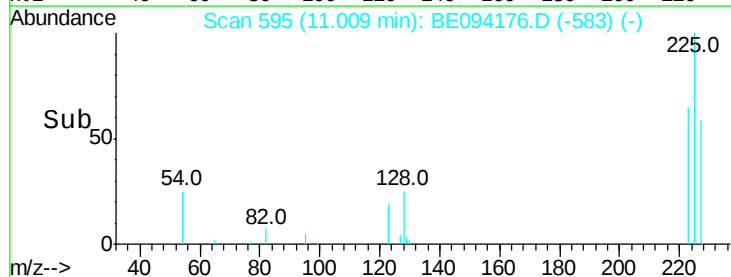
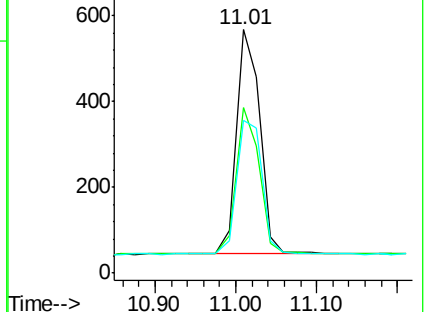
227 65.9 51.4 77.2



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: 0.405 ng

RT: 12.27 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

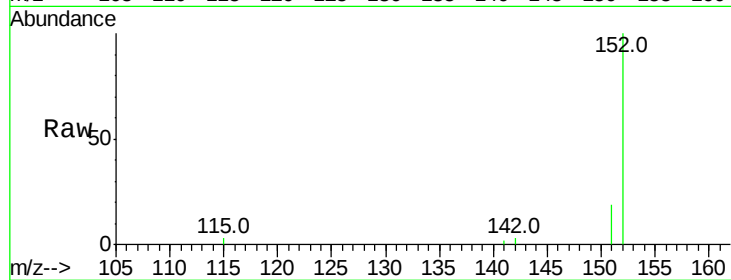
SSTDICCC0.4

Tot Ion:152 Resp: 3823

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

1000

500

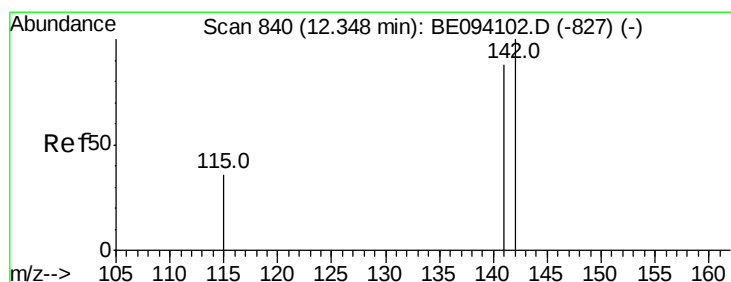
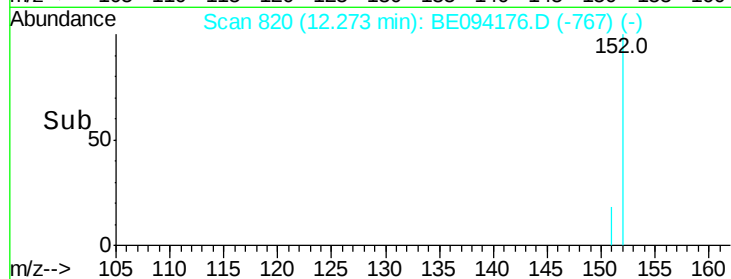
0

12.27

12.30

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.409 ng

RT: 12.35 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

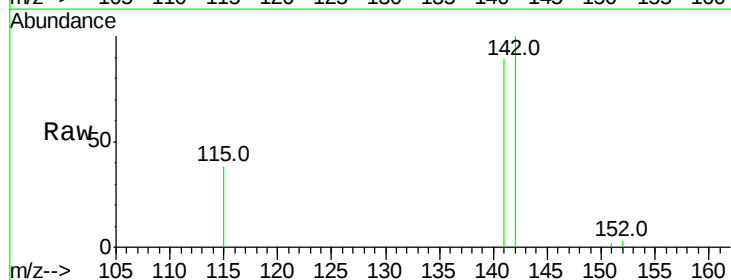
Tgt Ion:142 Resp: 4576

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

115 37.8 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

3000

2000

1000

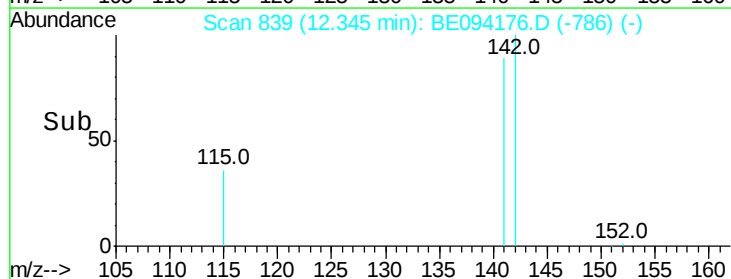
0

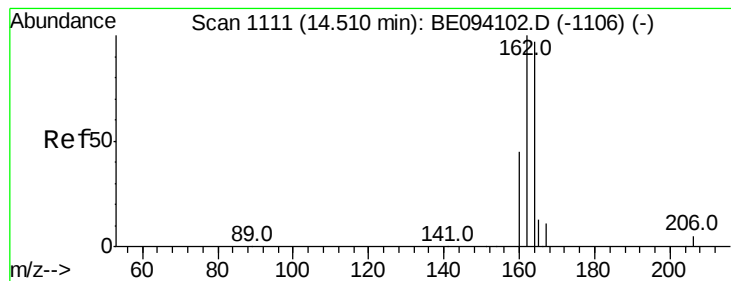
12.35

12.40

12.50

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

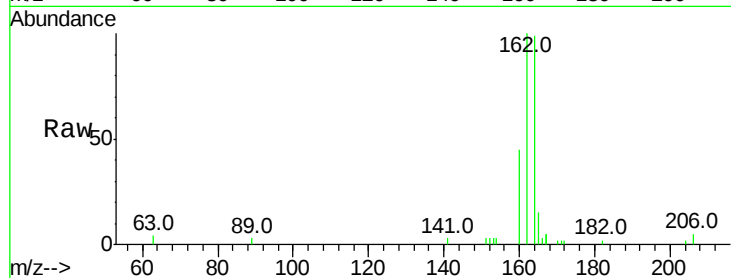
Tot Ion:164 Resp: 3614

Ion Ratio Lower Upper

164 100

162 101.5 83.1 124.7

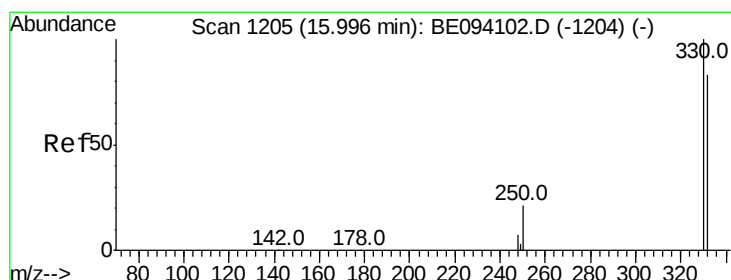
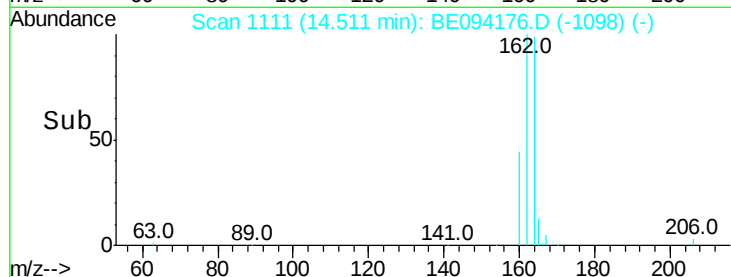
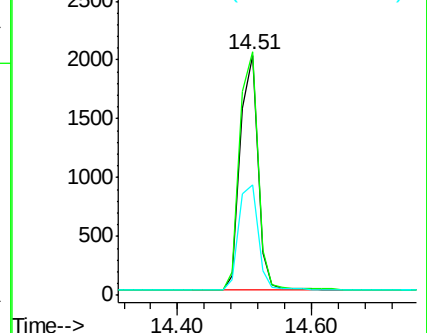
160 45.9 37.1 55.7



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: 0.255 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

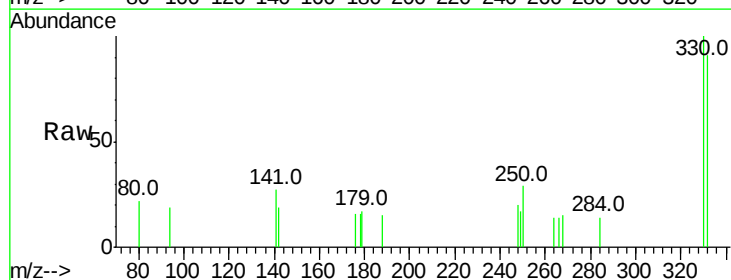
Tgt Ion:330 Resp: 589

Ion Ratio Lower Upper

330 100

332 91.7 152.7 229.1#

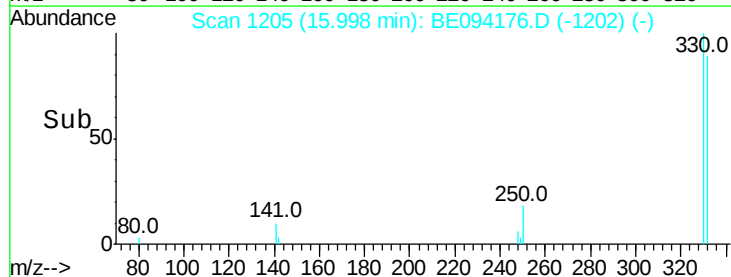
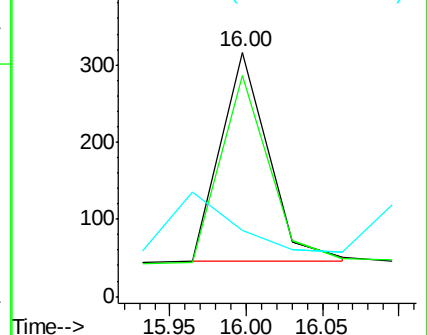
141 0.0 33.7 50.5#

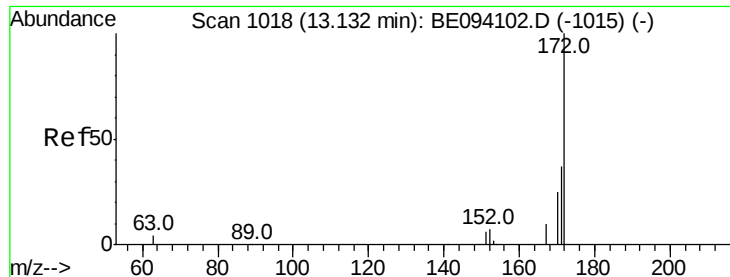


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

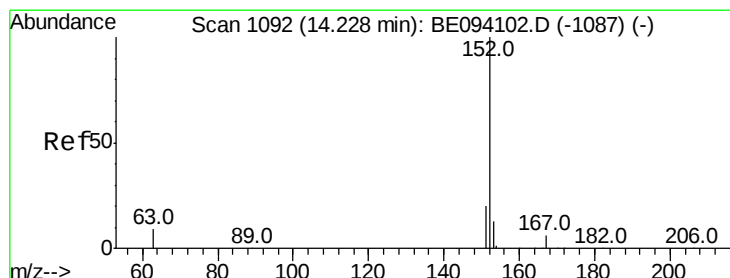
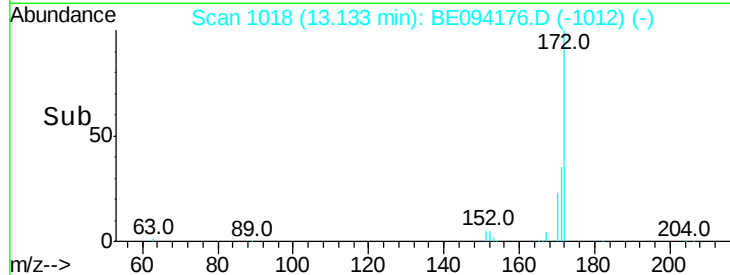
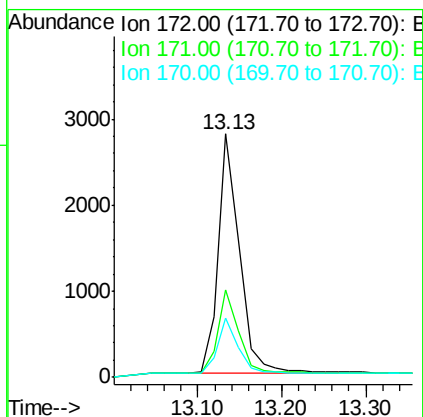
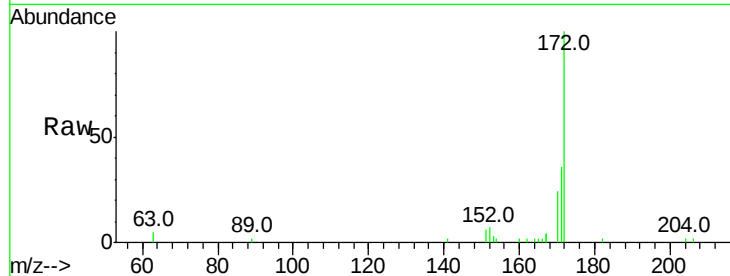




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094176.D
Acq: 6 Oct 2017 12:37

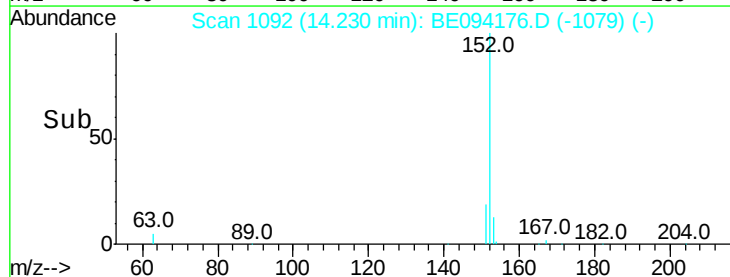
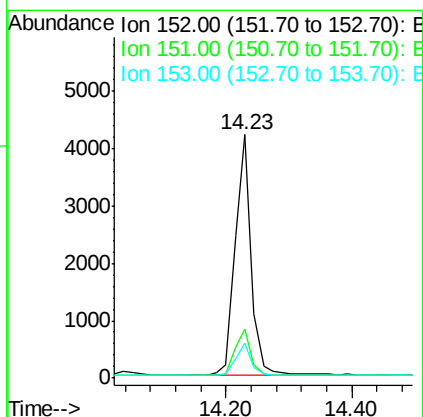
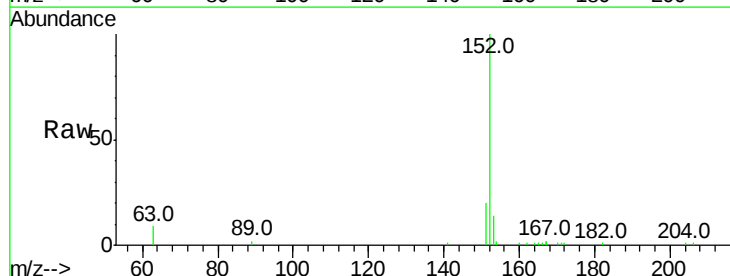
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

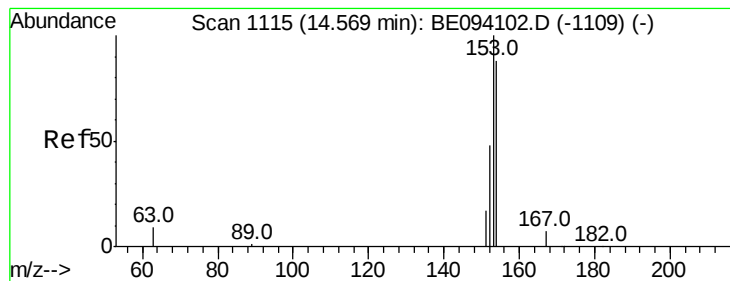
Tot Ion:172 Resp: 4959
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094176.D
Acq: 6 Oct 2017 12:37

Tgt Ion:152 Resp: 7350
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.436 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

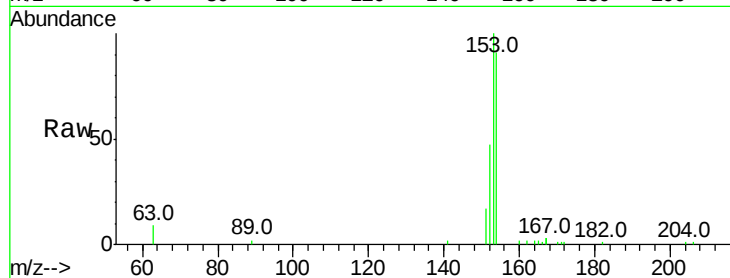
Tot Ion:154 Resp: 4933

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

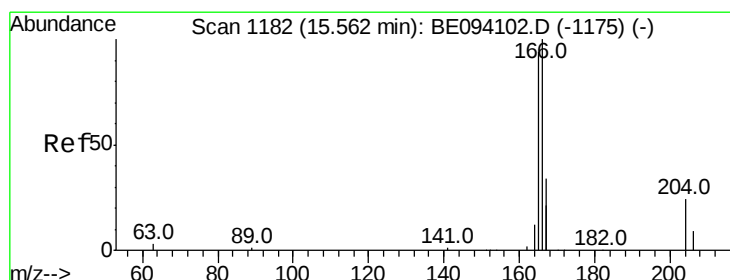
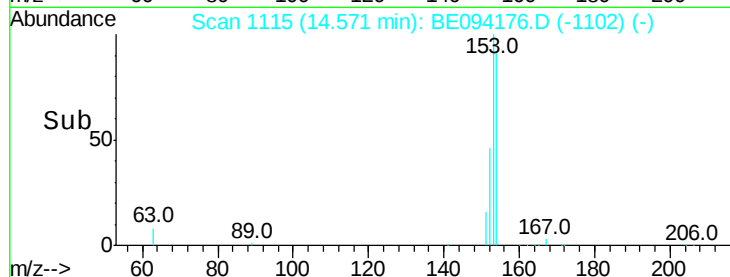
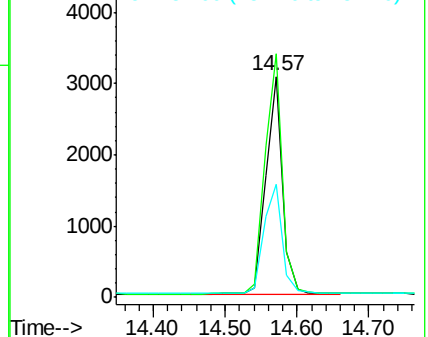
152 54.8 42.0 63.0



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: 0.414 ng

RT: 15.55 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

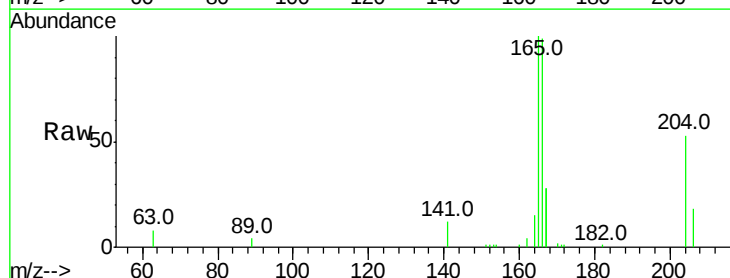
Tgt Ion:166 Resp: 6363

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.6

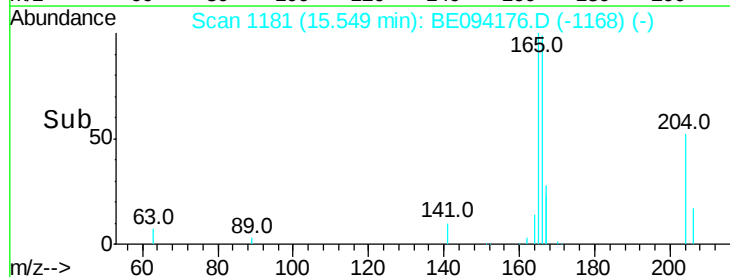
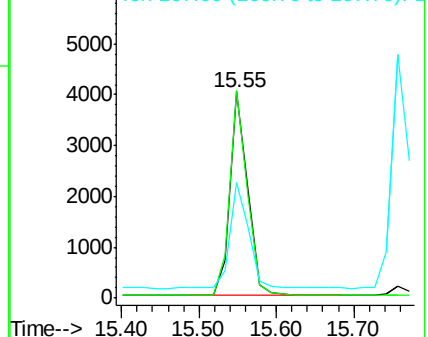
167 53.4 42.4 63.6

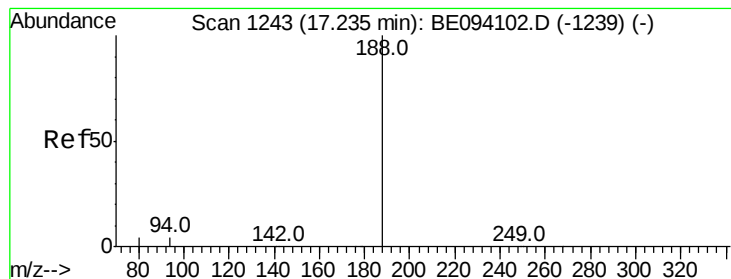


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

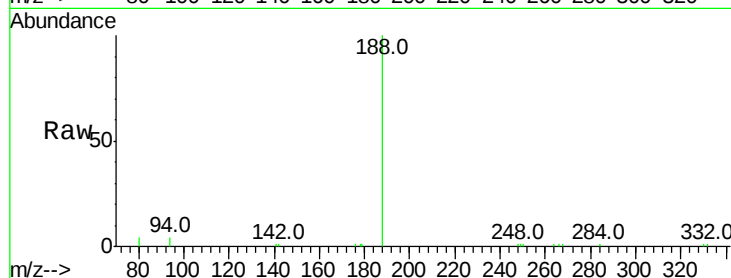
Tot Ion:188 Resp: 10939

Ion Ratio Lower Upper

188 100

94 4.2 3.9 5.9

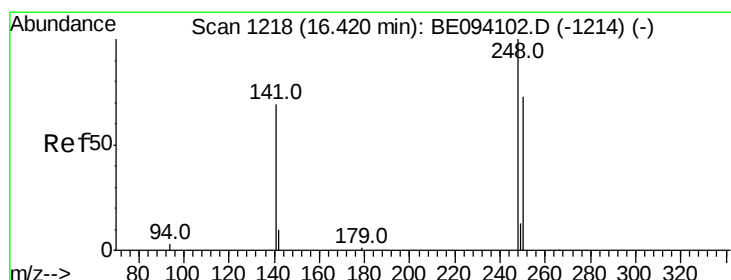
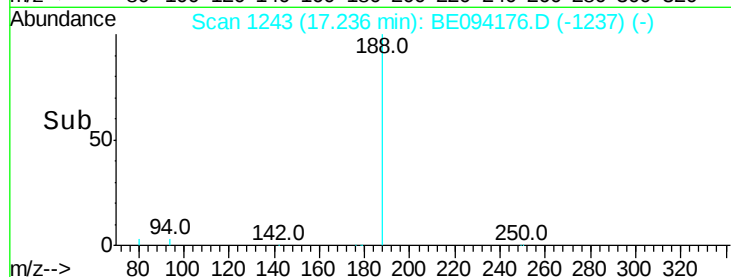
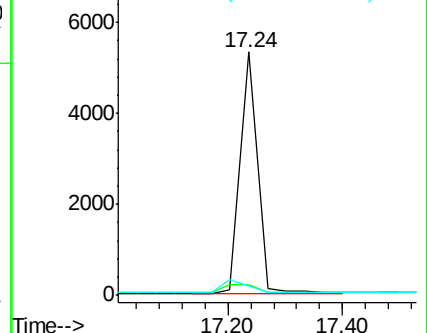
80 3.8 3.6 5.4



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: 0.566 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

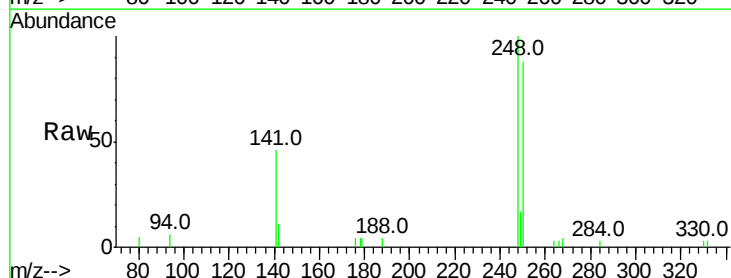
Tgt Ion:248 Resp: 2538

Ion Ratio Lower Upper

248 100

250 88.4 62.7 94.1

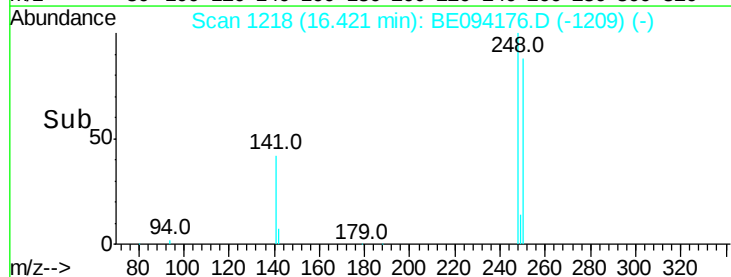
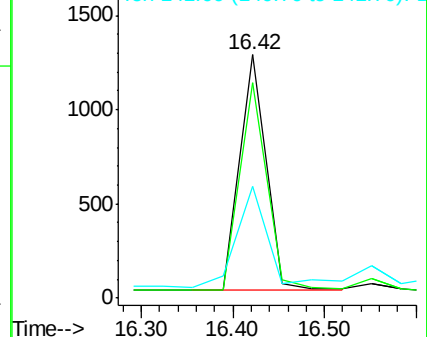
141 45.7 48.2 72.2#

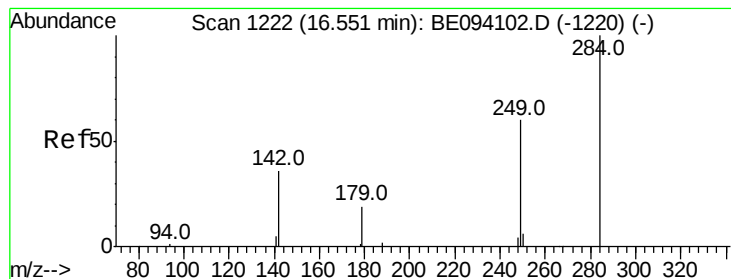


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.792 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

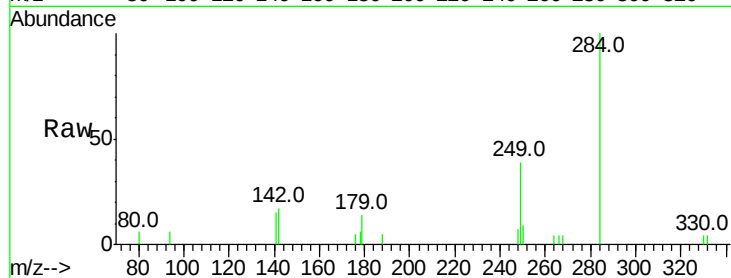
Tot Ion:284 Resp: 2243

Ion	Ratio	Lower	Upper
284	100		
142	22.7	22.1	33.1
249	35.5	34.8	52.2

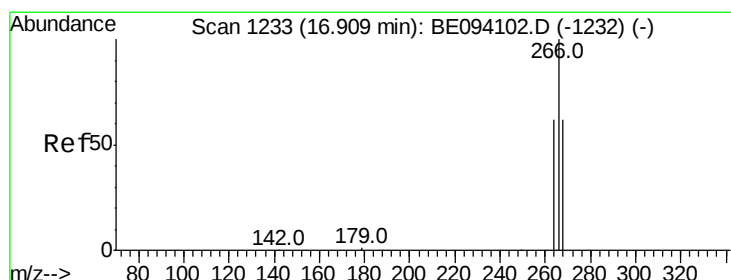
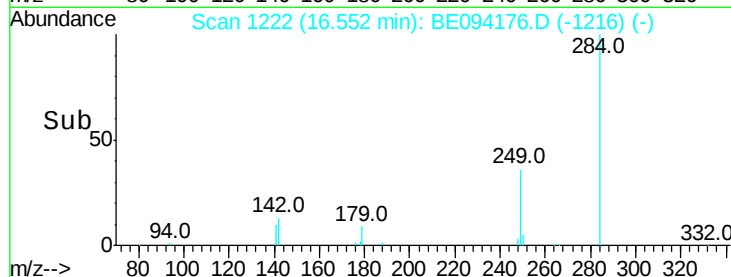
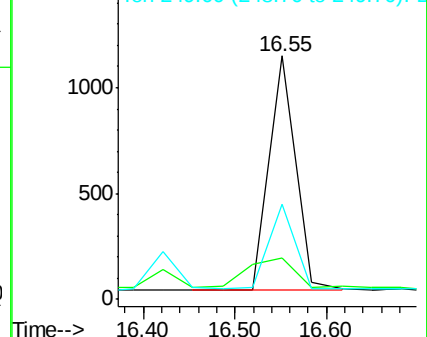
284 100

142 22.7 22.1 33.1

249 35.5 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: 0.240 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

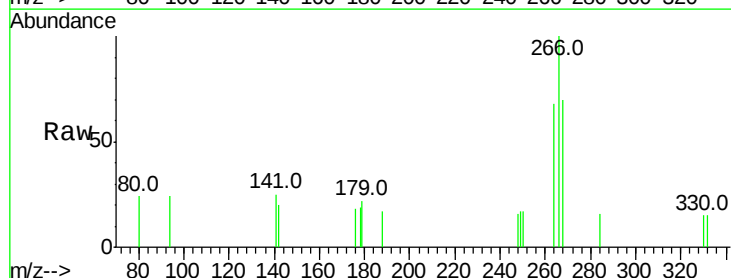
Tgt Ion:266 Resp: 622

Ion	Ratio	Lower	Upper
266	100		
264	67.6	72.5	108.7#
268	70.4	73.8	110.6#

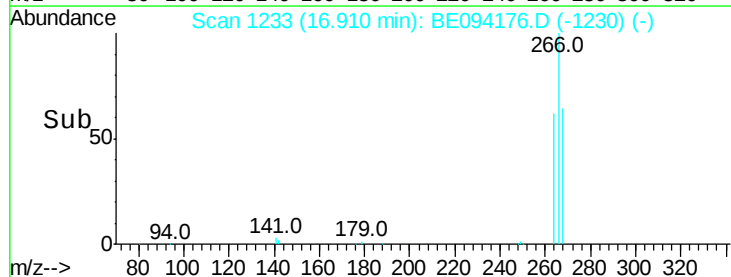
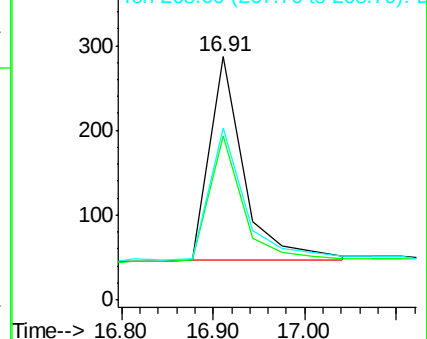
266 100

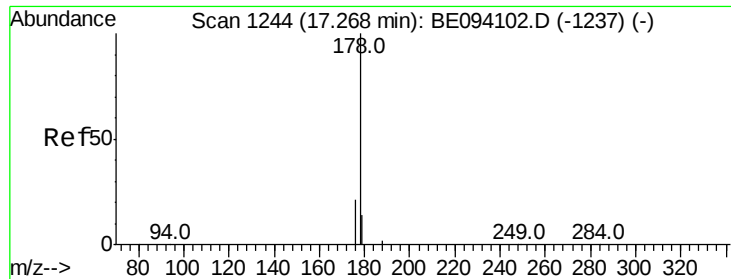
264 67.6 72.5 108.7#

268 70.4 73.8 110.6#



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





#23

Phenanthrene

Concen: 0.546 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

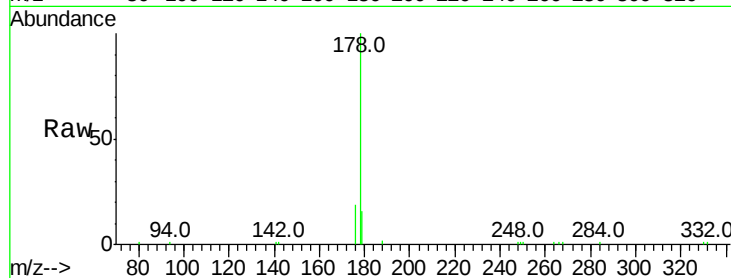
Tot Ion:178 Resp: 15292

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.4 11.8 17.6

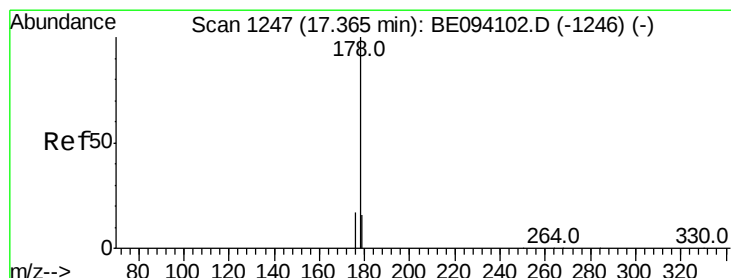
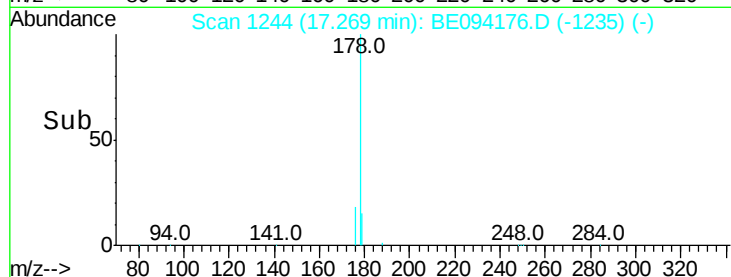
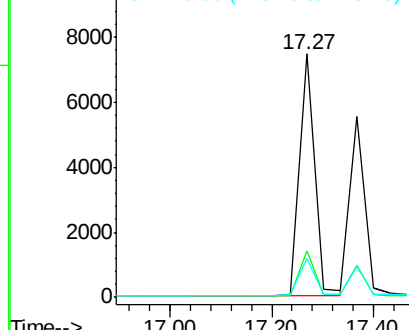


Abundance Ion 178.00 (177.70 to 178.70): E

10000

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.386 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

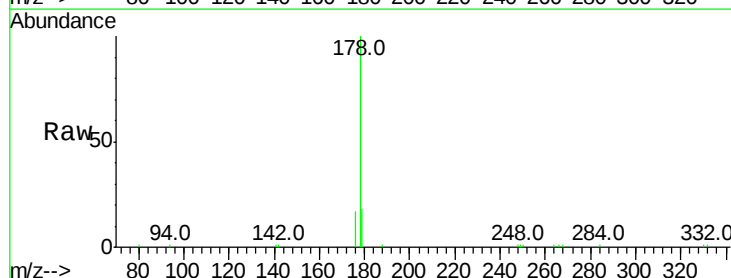
Tgt Ion:178 Resp: 11339

Ion Ratio Lower Upper

178 100

176 16.2 12.8 19.2

179 17.0 13.0 19.6

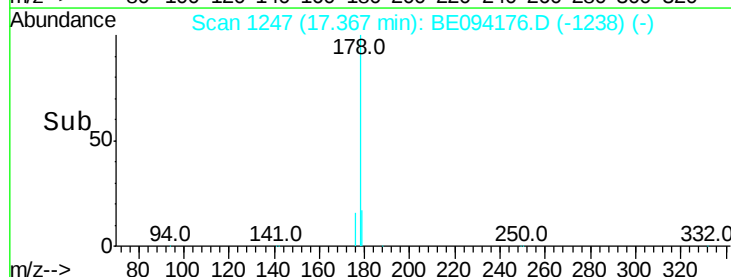
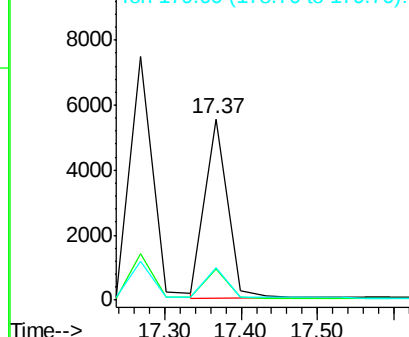


Abundance Ion 178.00 (177.70 to 178.70): E

10000

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

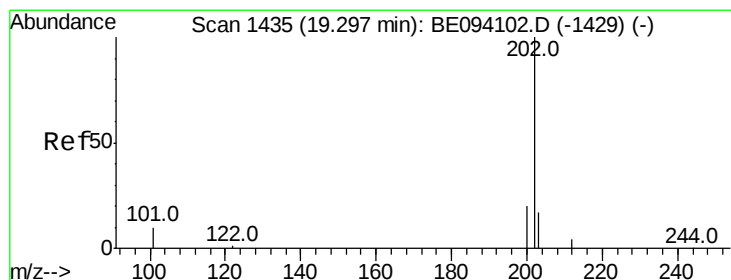
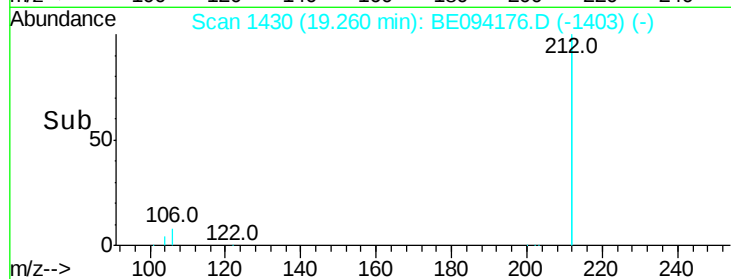
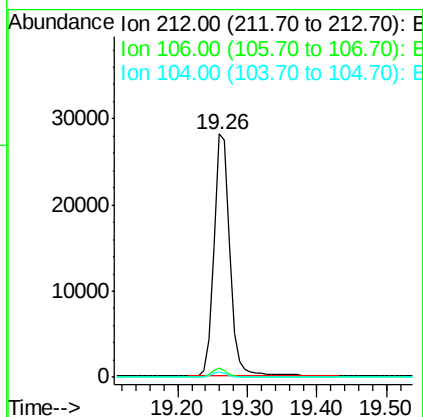
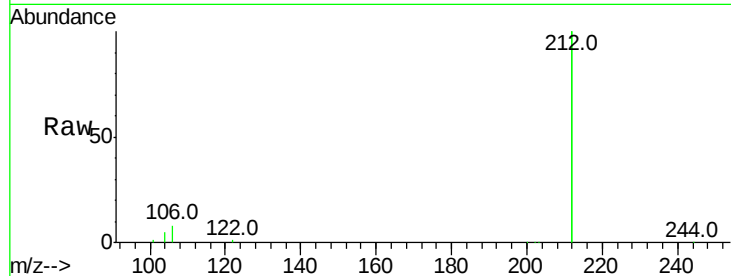




#25
 Fluoranthene-d10
 Concen: 0.420 ng
 RT: 19.26 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BE094176.D
 Acq: 6 Oct 2017 12:37

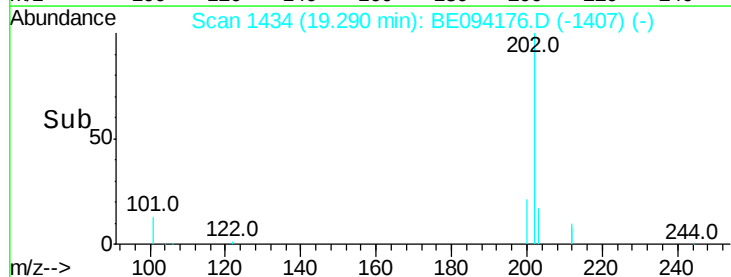
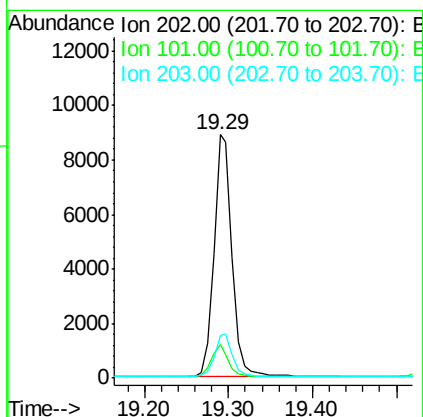
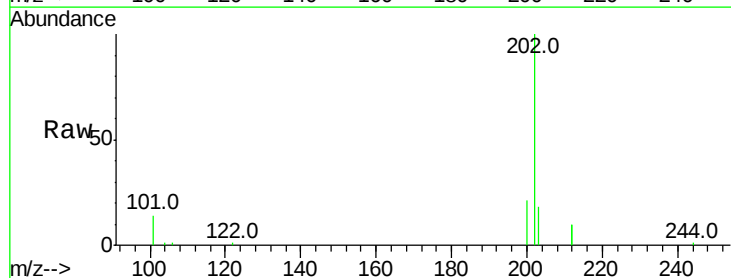
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:212 Resp: 44442
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.427 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BE094176.D
 Acq: 6 Oct 2017 12:37

Tgt Ion:202 Resp: 13387
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.8 14.8
 203 17.4 13.7 20.5

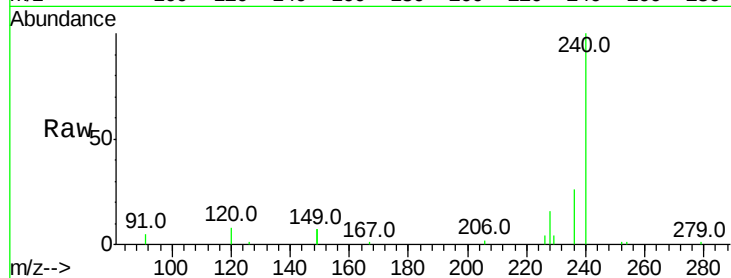




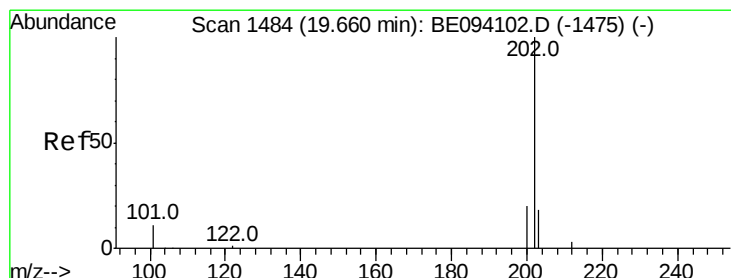
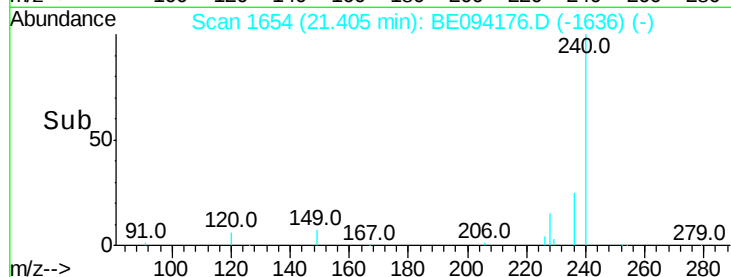
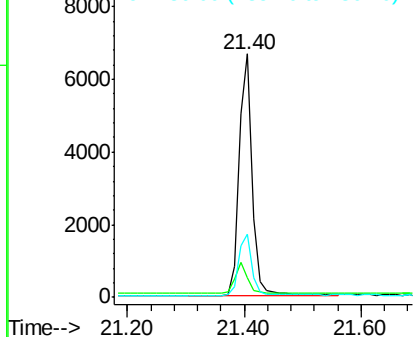
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE094176.D
 Acq: 6 Oct 2017 12:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:240 Resp: 10354
 Ion Ratio Lower Upper
 240 100
 120 7.8 5.5 8.3
 236 25.7 20.7 31.1

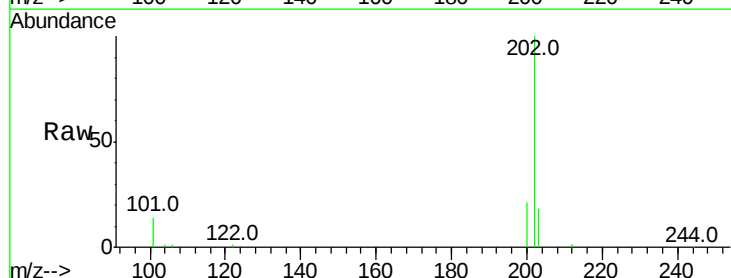


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

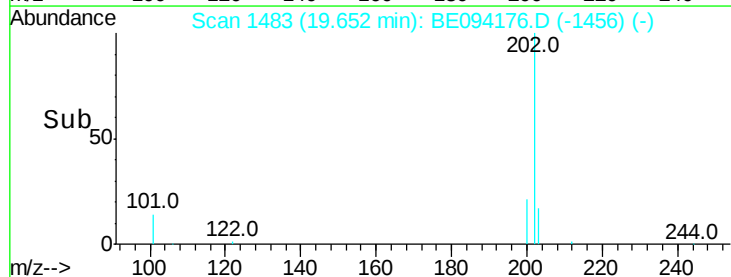
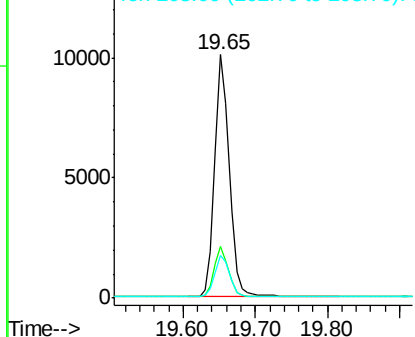


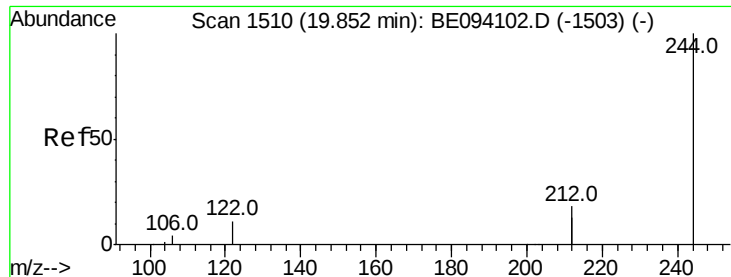
#28
 Pyrene
 Concen: 0.434 ng
 RT: 19.65 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE094176.D
 Acq: 6 Oct 2017 12:37

Tgt Ion:202 Resp: 14243
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.6 25.0
 203 17.5 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: 0.413 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

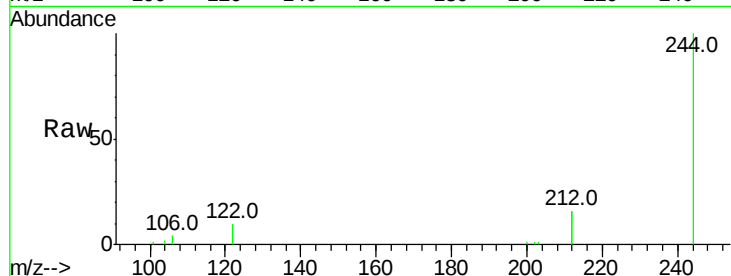
Tot Ion:244 Resp: 7808

Ion Ratio Lower Upper

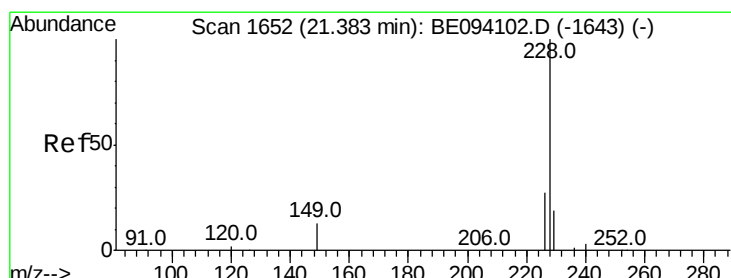
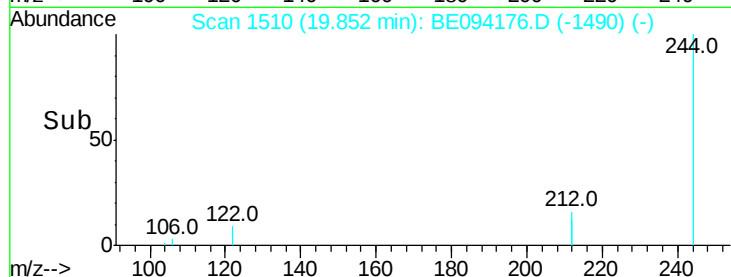
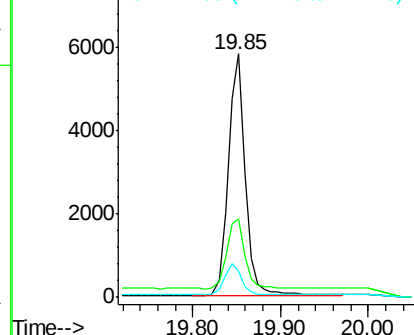
244 100

212 32.2 25.4 38.0

122 10.5 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: 0.392 ng

RT: 21.38 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

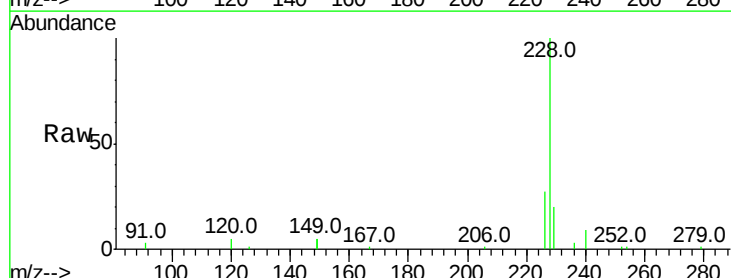
Tgt Ion:228 Resp: 13674

Ion Ratio Lower Upper

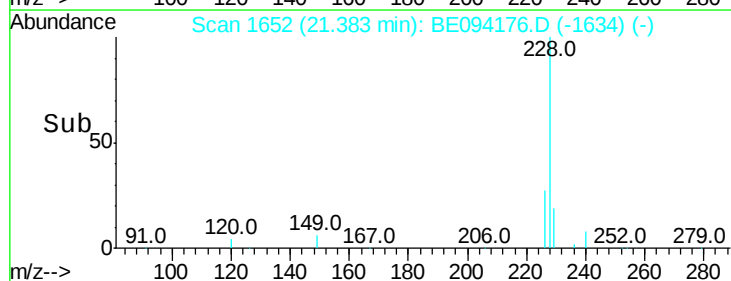
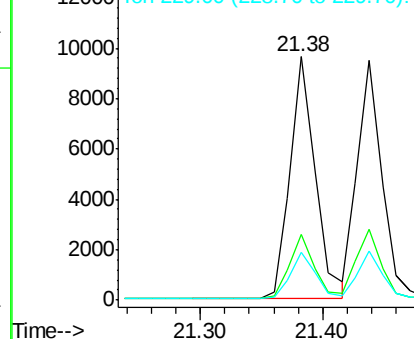
228 100

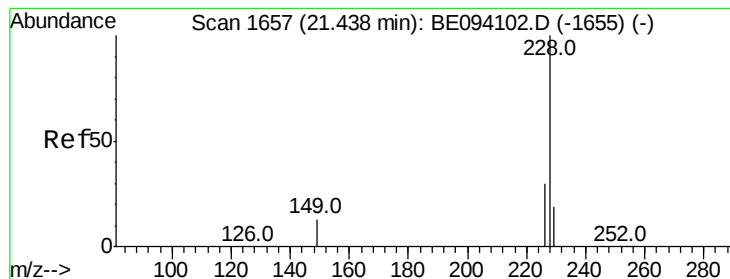
226 27.2 21.4 32.0

229 19.8 16.4 24.6



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: 0.397 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

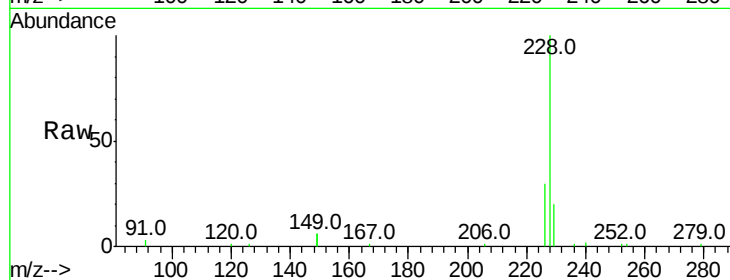
Tot Ion:228 Resp: 13349

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

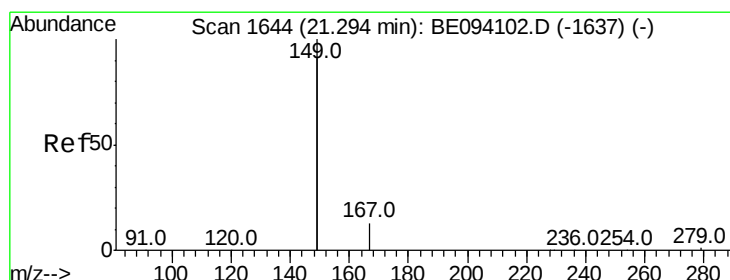
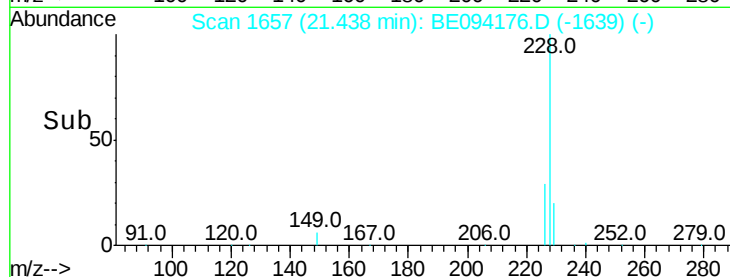
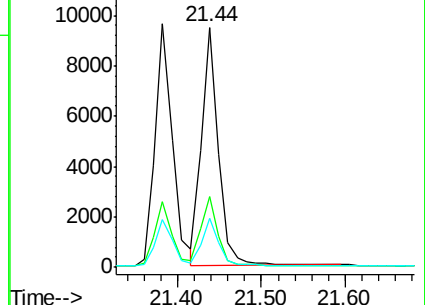
229 20.5 16.4 24.6



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: 0.178 ng

RT: 21.28 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

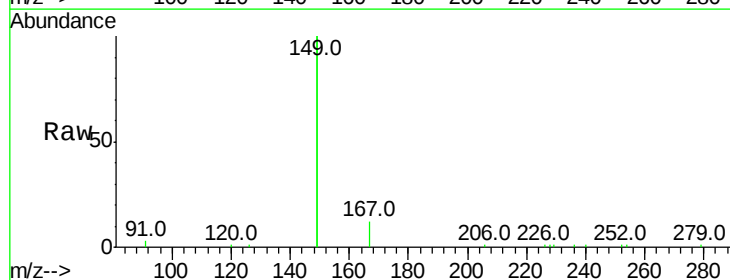
Tgt Ion:149 Resp: 29706

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

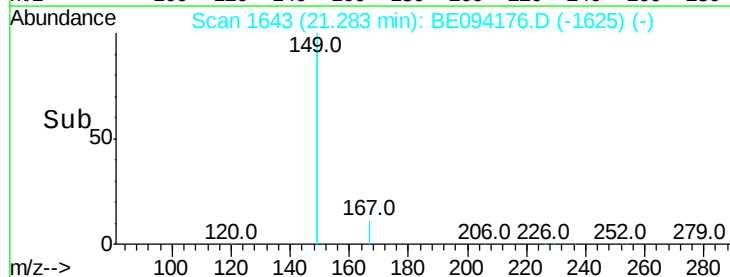
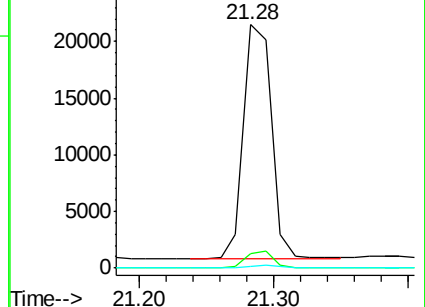
279 0.9 0.7 1.1



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

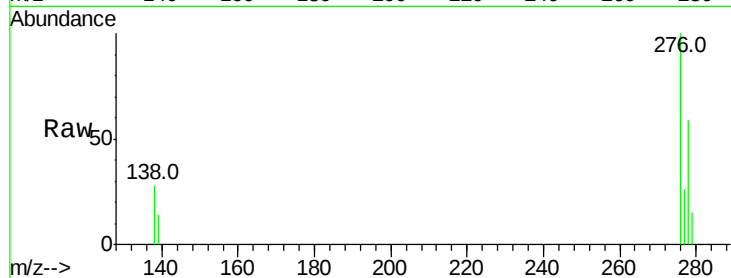




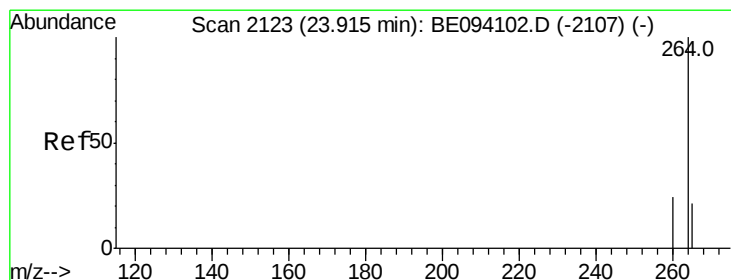
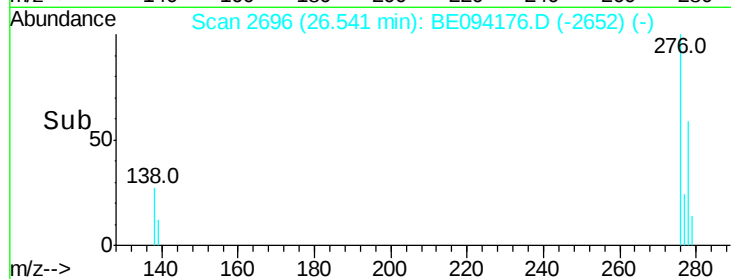
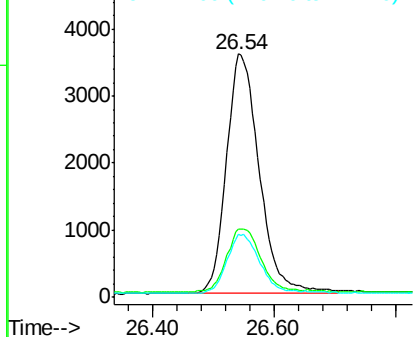
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.54 min Scan# 2696
Delta R.T. 0.00 min
Lab File: BE094176.D
Acq: 6 Oct 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:276 Resp: 13432
Ion Ratio Lower Upper
276 100
138 27.3 22.5 33.7
277 25.1 19.9 29.9

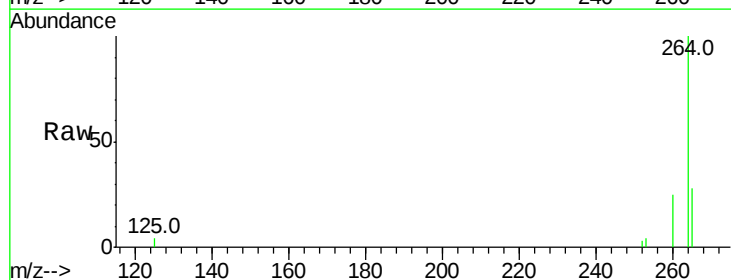


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

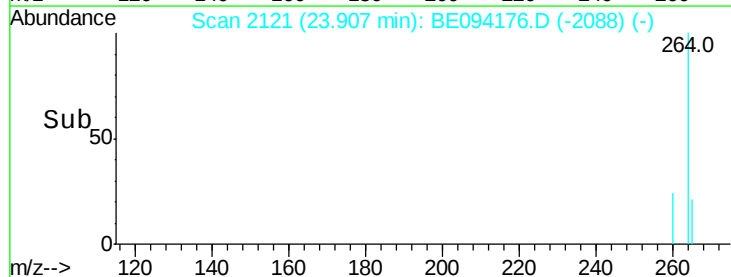
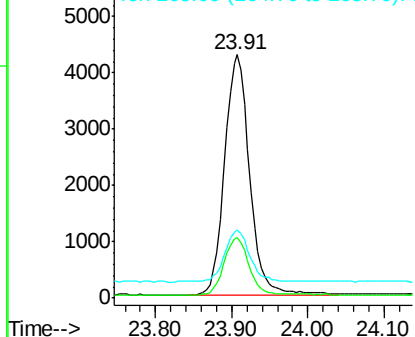


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094176.D
Acq: 6 Oct 2017 12:37

Tgt Ion:264 Resp: 9733
Ion Ratio Lower Upper
264 100
260 24.9 20.5 30.7
265 27.8 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: 0.373 ng

RT: 23.13 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

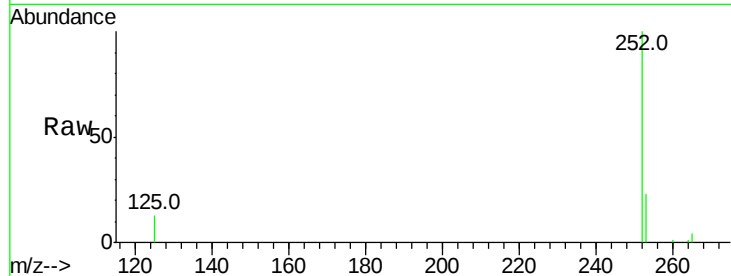
Tot Ion:252 Resp: 13101

Ion Ratio Lower Upper

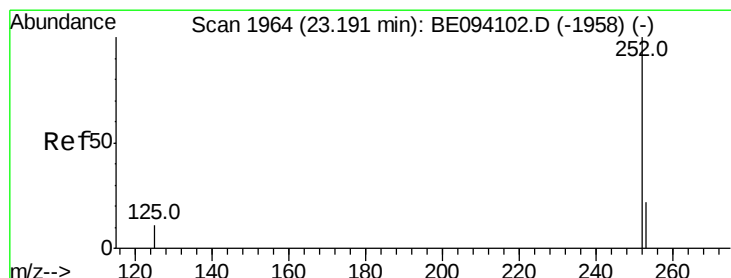
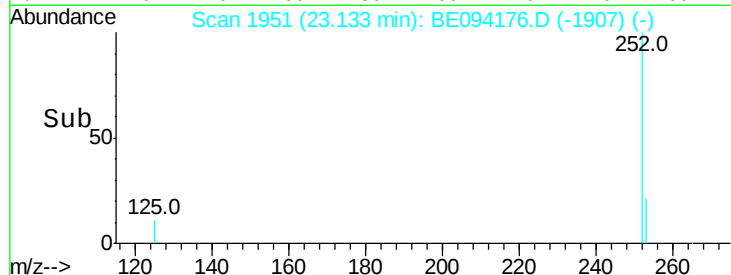
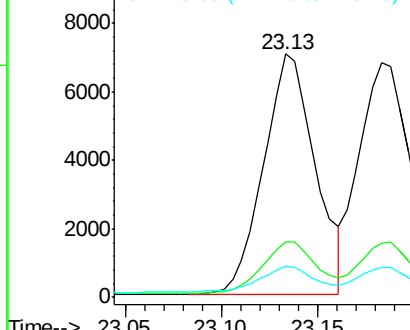
252 100

253 22.9 18.2 27.2

125 12.6 10.1 15.1



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: 0.395 ng

RT: 23.18 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

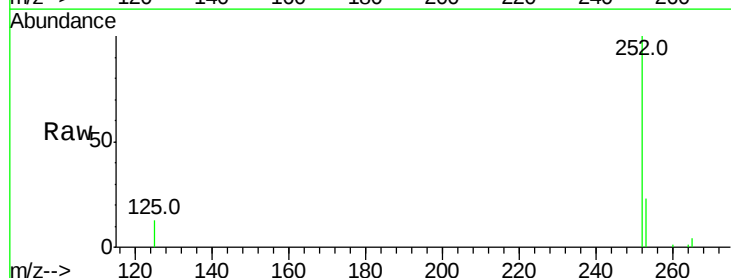
Tgt Ion:252 Resp: 13289

Ion Ratio Lower Upper

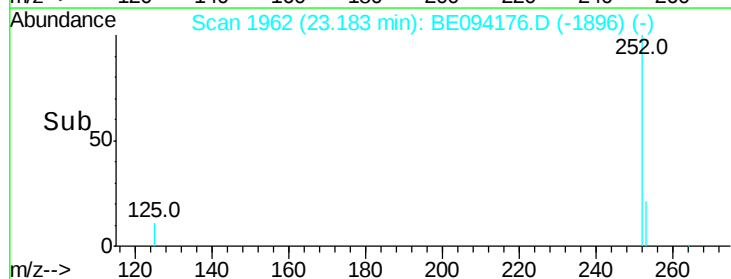
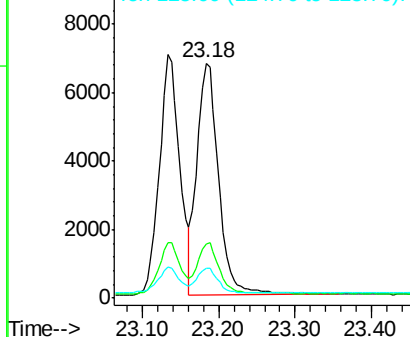
252 100

253 23.1 18.6 27.8

125 12.9 10.7 16.1



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: 0.387 ng

RT: 23.79 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

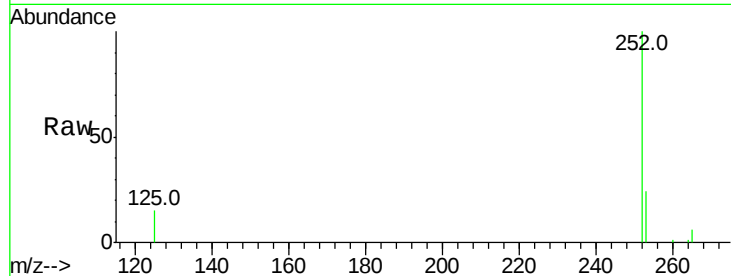
Tot Ion:252 Resp: 12276

Ion Ratio Lower Upper

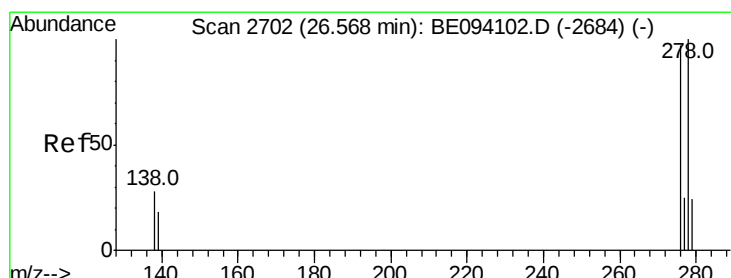
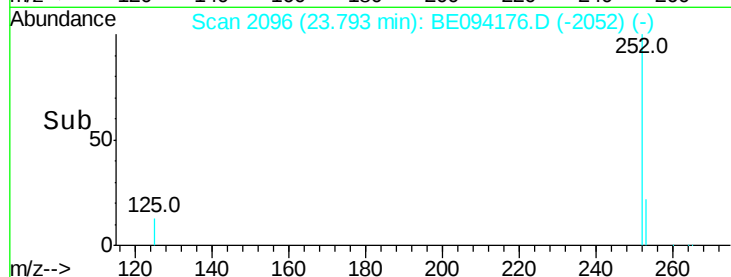
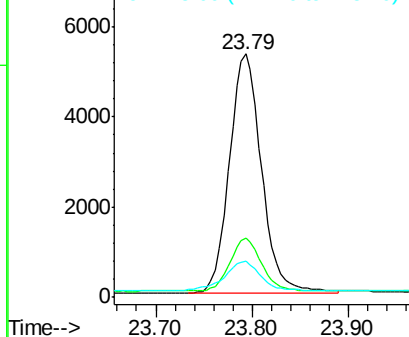
252 100

253 24.2 19.0 28.6

125 15.0 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.383 ng

RT: 26.56 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

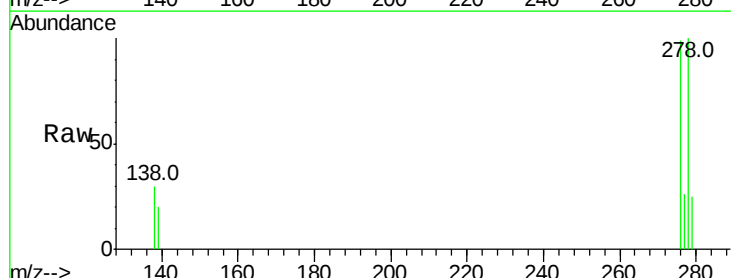
Tgt Ion:278 Resp: 11516

Ion Ratio Lower Upper

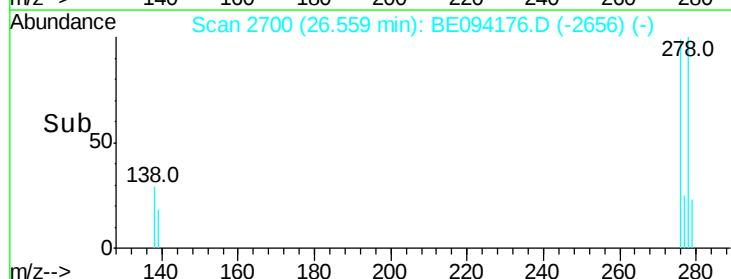
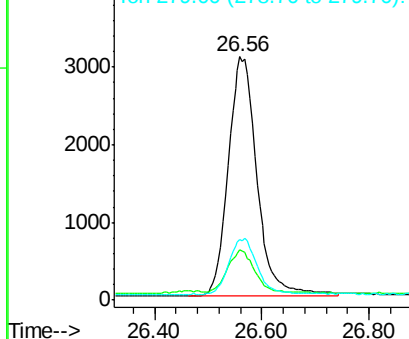
278 100

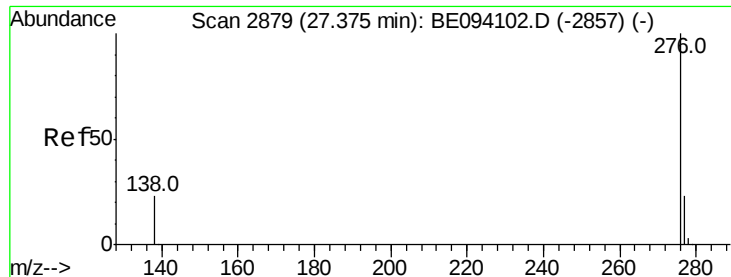
139 20.5 16.3 24.5

279 25.1 19.9 29.9



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: 0.391 ng

RT: 27.36 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BE094176.D

Acq: 6 Oct 2017 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

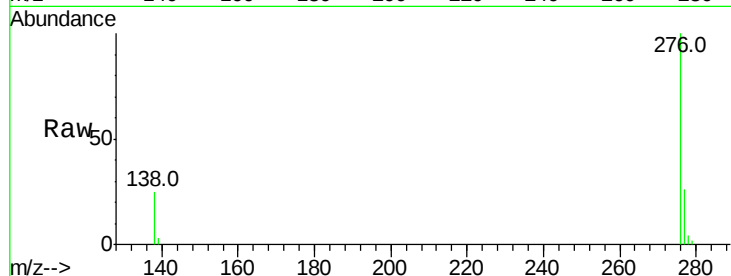
Tot Ion: 276 Resp: 11616

Ion Ratio Lower Upper

276 100

277 25.6 20.8 31.2

138 25.4 21.5 32.3



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

