

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE042919\
 Data File : BE099412.D
 Acq On : 29 Apr 2019 17:18
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Apr 29 18:05:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 16:46:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2131	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8219	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6513	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19789	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29402	0.40	ng	0.00
34) Perylene-d12	23.87	264	30634	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	19085	3.67	ng	0.00
5) Phenol-d6	6.96	99	26780	3.60	ng	0.00
8) Nitrobenzene-d5	8.96	82	26525	4.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	49747	3.43	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	14535	6.72	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	78753	3.08	ng	-0.01
25) Fluoranthene-d10	19.22	212	858584	3.61	ng	0.00
29) Terphenyl-d14	19.82	244	179238	3.10	ng	0.00

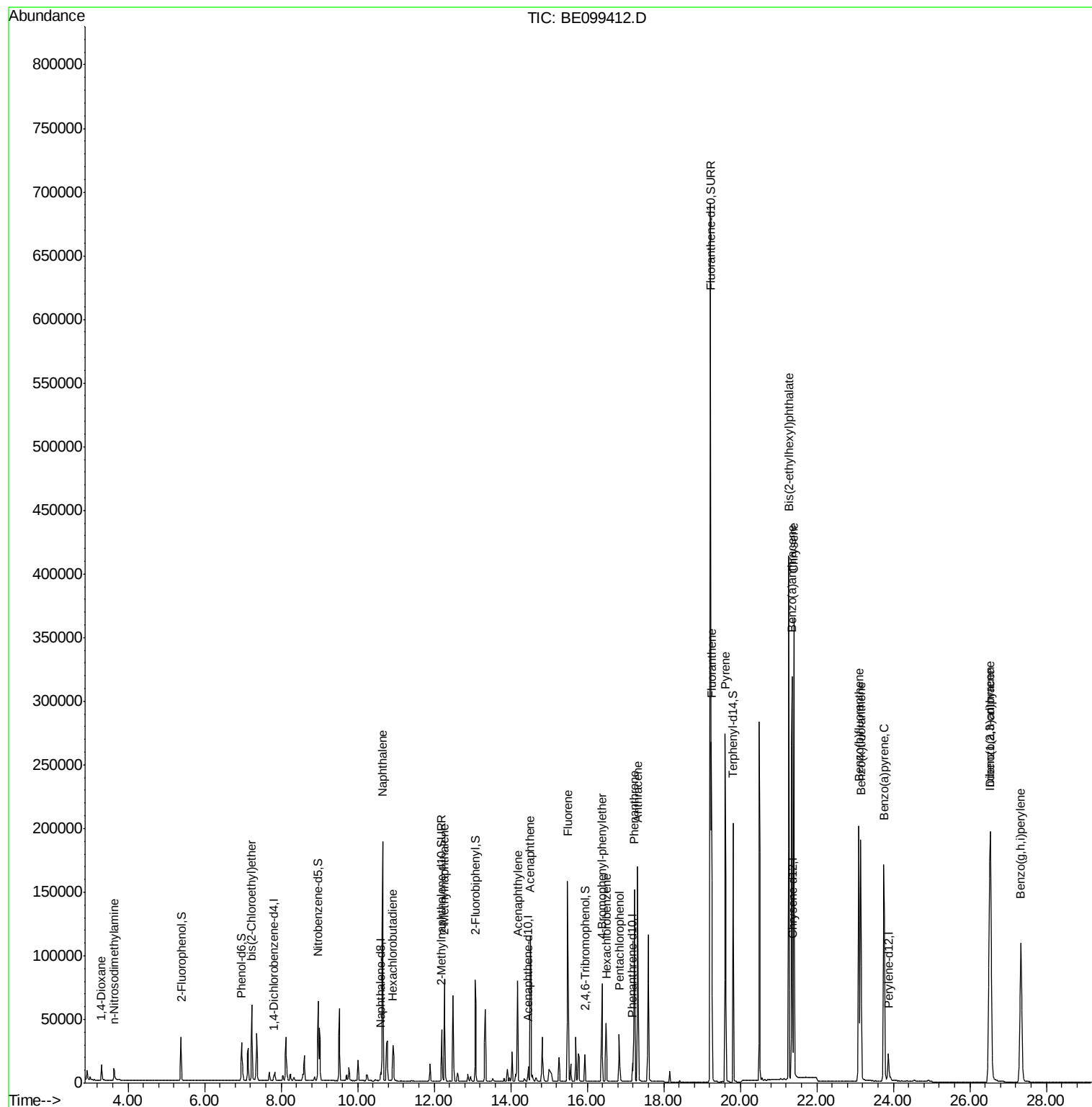
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	8954	3.001	ng	96
3) n-Nitrosodimethylamine	3.62	42	6242	3.888	ng	# 95
6) bis(2-Chloroethyl)ether	7.23	93	22013	3.175	ng	97
9) Naphthalene	10.65	128	292311	3.260	ng	99
10) Hexachlorobutadiene	10.93	225	19656	3.453	ng	99
12) 2-Methylnaphthalene	12.27	142	52874	3.466	ng	96
16) Acenaphthylene	14.18	152	105089	3.570	ng	99
17) Acenaphthene	14.52	154	60226	3.320	ng	98
18) Fluorene	15.49	166	88570	3.398	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	37901	3.457	ng	95
21) Hexachlorobenzene	16.49	284	36417	3.456	ng	99
22) Pentachlorophenol	16.84	266	18759	6.603	ng	99
23) Phenanthrene	17.23	178	162443	3.100	ng	99
24) Anthracene	17.32	178	164378	3.526	ng	100
26) Fluoranthene	19.25	202	247124	3.523	ng	100
28) Pyrene	19.61	202	255752	2.953	ng	100
30) Benzo(a)anthracene	21.35	228	304088	3.518	ng	100
31) Chrysene	21.40	228	293510	3.191	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	444170	5.647	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	343149	3.778	ng	99
35) Benzo(b)fluoranthene	23.10	252	291591	3.109	ng	# 98
36) Benzo(k)fluoranthene	23.15	252	279895	2.994	ng	98
37) Benzo(a)pyrene	23.75	252	274058	3.262	ng	# 96
38) Dibenzo(a,h)anthracene	26.54	278	282419	3.290	ng	97
39) Benzo(g,h,i)perylene	27.33	276	279455	3.209	ng	98

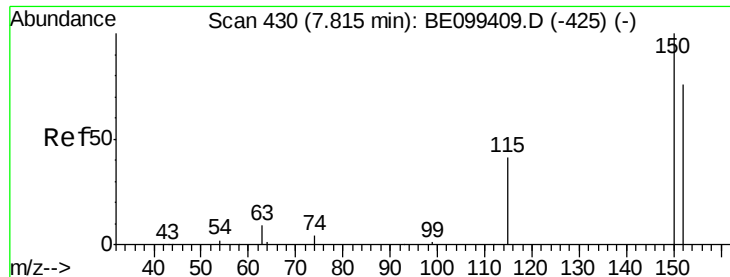
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

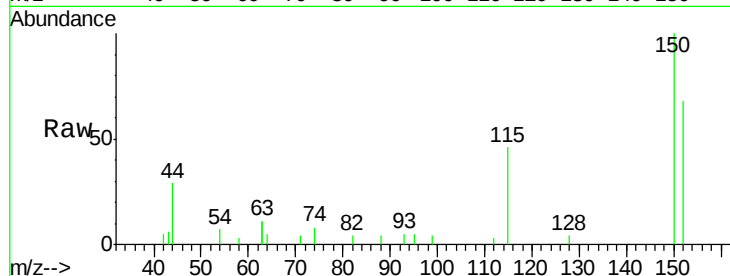
Tgt Ion:152 Resp: 2131

Ion Ratio Lower Upper

152 100

150 147.9 104.8 157.2

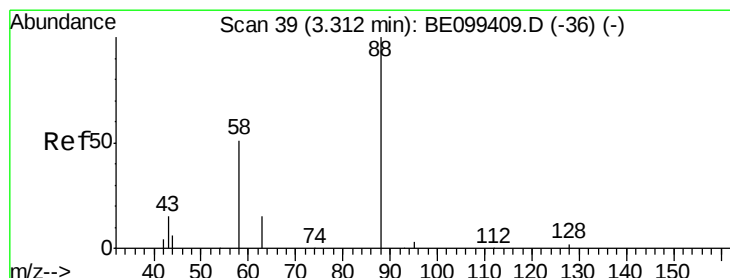
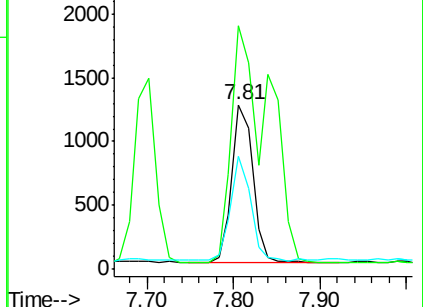
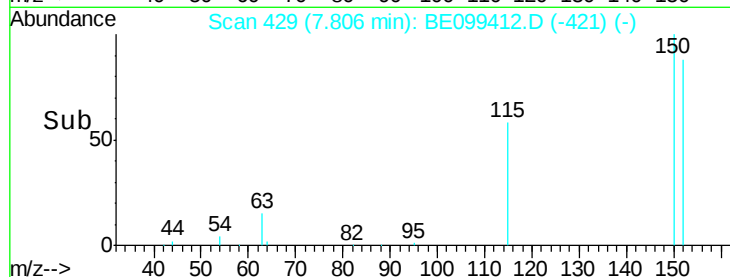
115 68.4 46.6 69.8



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: 3.001 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

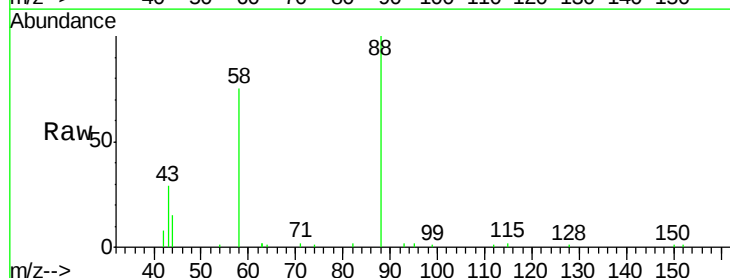
Tgt Ion: 88 Resp: 8954

Ion Ratio Lower Upper

88 100

58 61.2 51.0 76.6

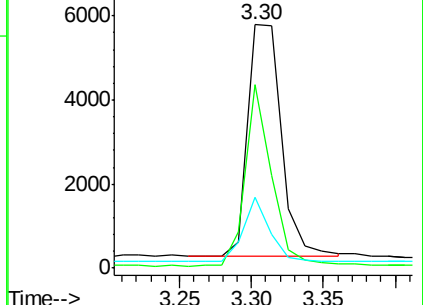
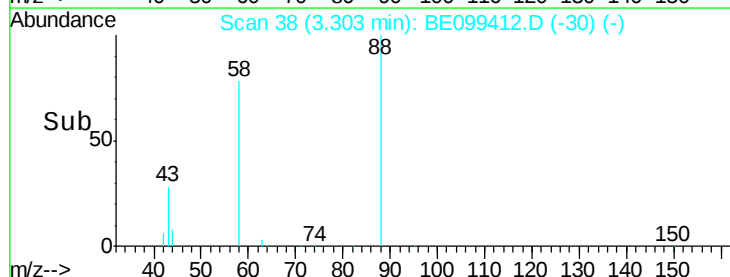
43 22.1 20.6 30.8

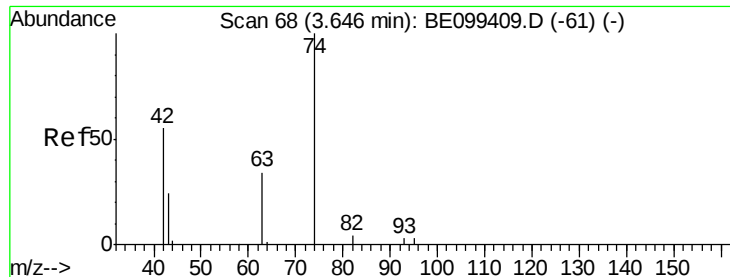


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.888 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

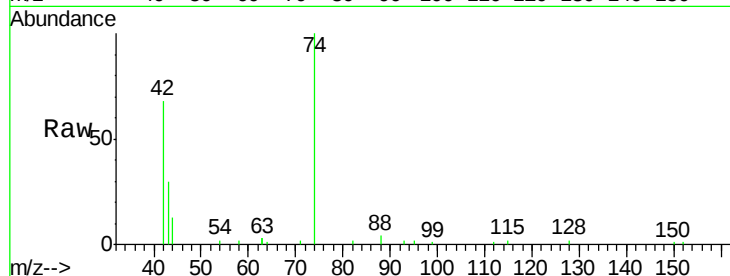
Tgt Ion: 42 Resp: 6242

Ion Ratio Lower Upper

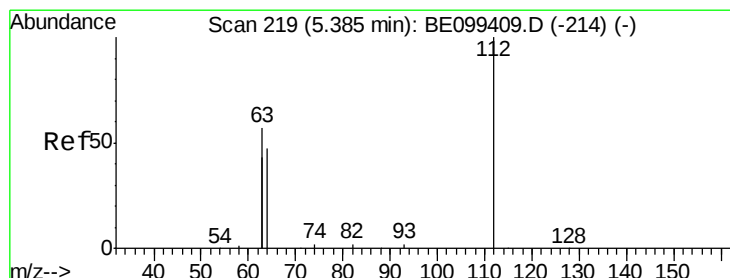
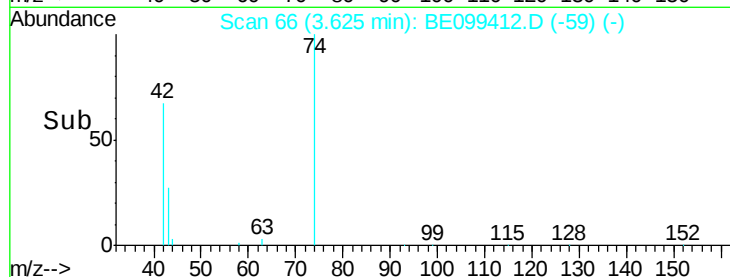
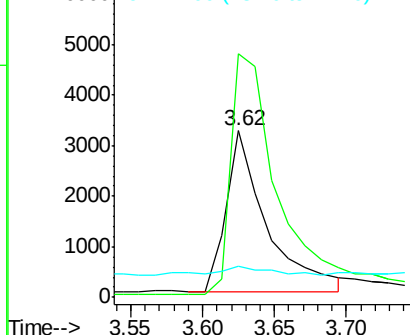
42 100

74 170.2 141.6 212.4

44 7.8 0.0 0.0#



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



#4

2-Fluorophenol

Concen: 3.665 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

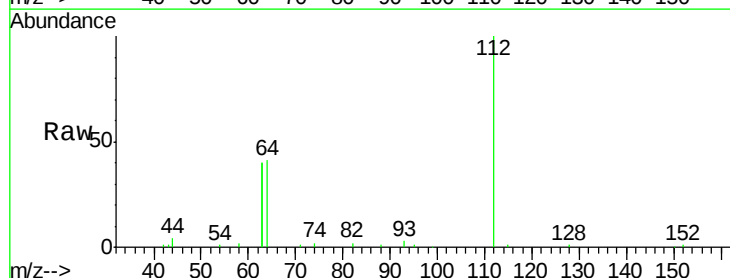
Tgt Ion: 112 Resp: 19085

Ion Ratio Lower Upper

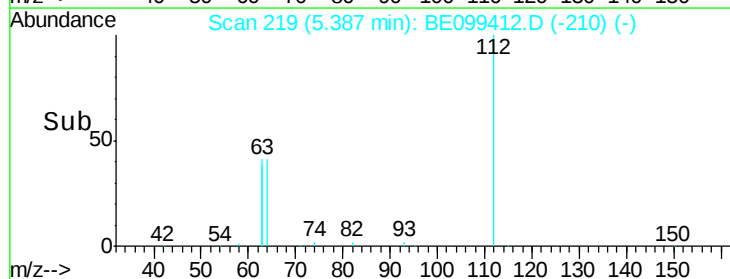
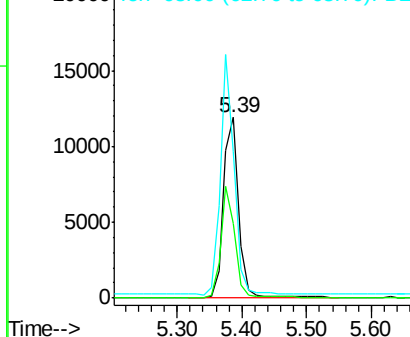
112 100

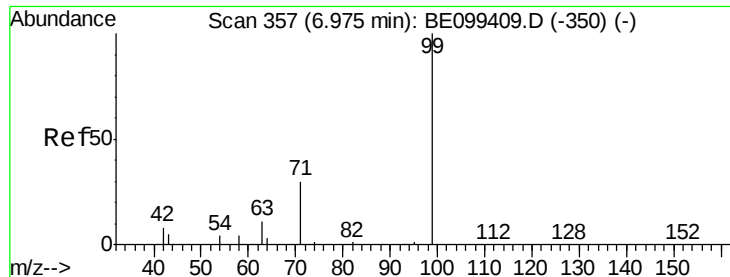
64 57.3 47.4 71.0

63 122.2 104.3 156.5



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: 3.604 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

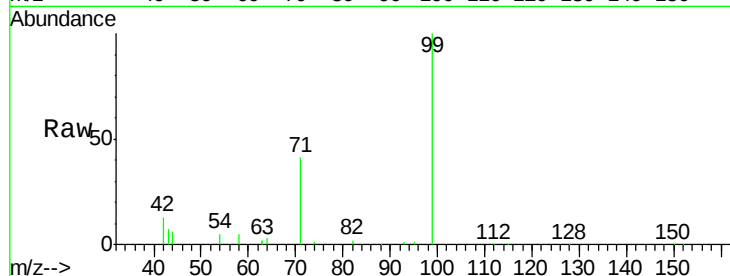
Tgt Ion: 99 Resp: 26780

Ion Ratio Lower Upper

99 100

42 15.0 14.9 22.3

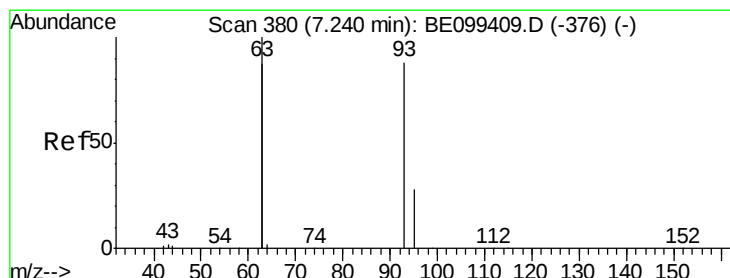
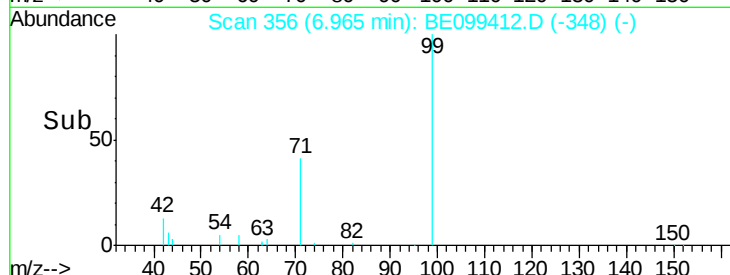
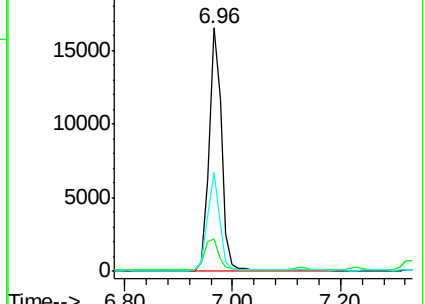
71 38.5 33.0 49.6



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: 3.175 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

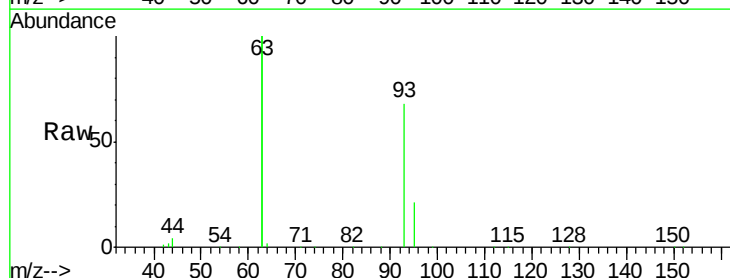
Tgt Ion: 93 Resp: 22013

Ion Ratio Lower Upper

93 100

63 274.7 215.6 323.4

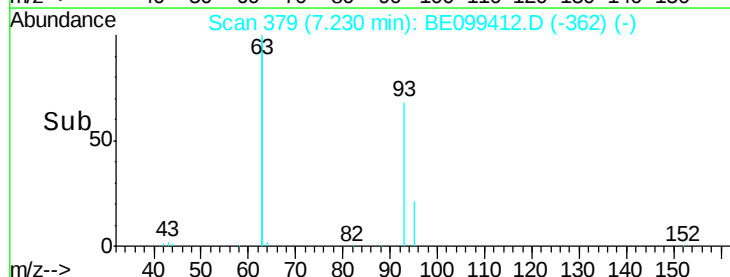
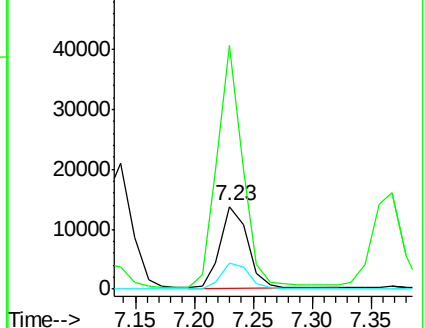
95 32.1 26.2 39.2

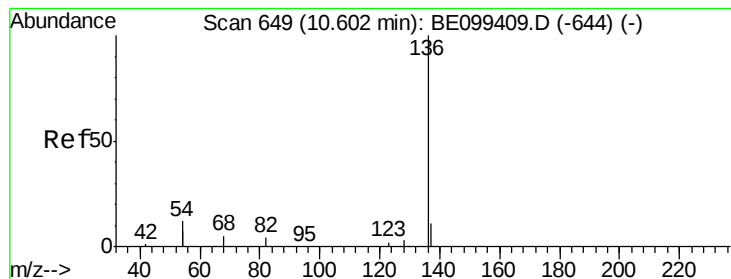


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 8219

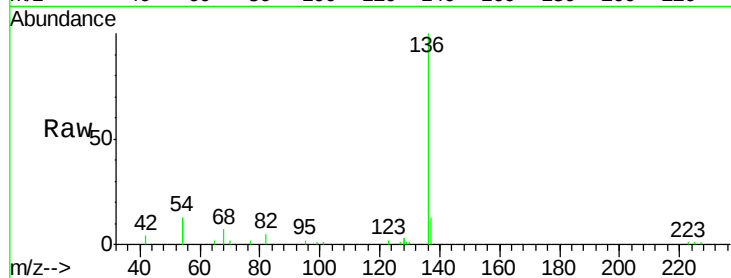
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.8

54 25.9 18.5 27.7

68 6.6 4.7 7.1

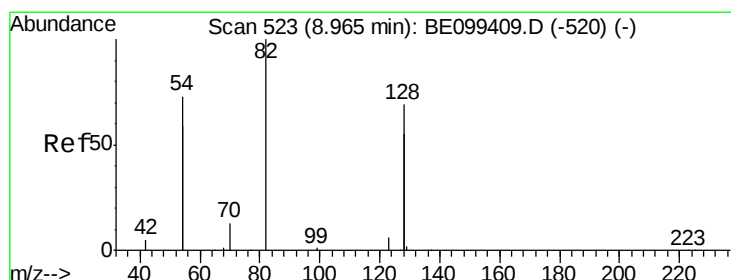
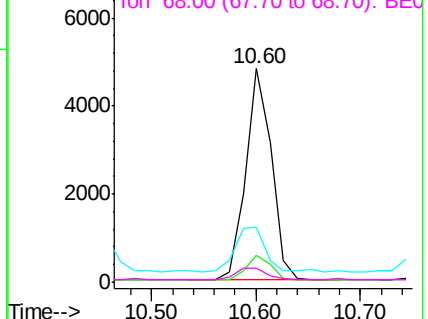
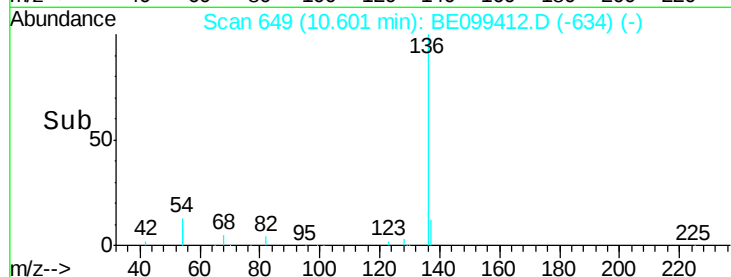


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.157 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

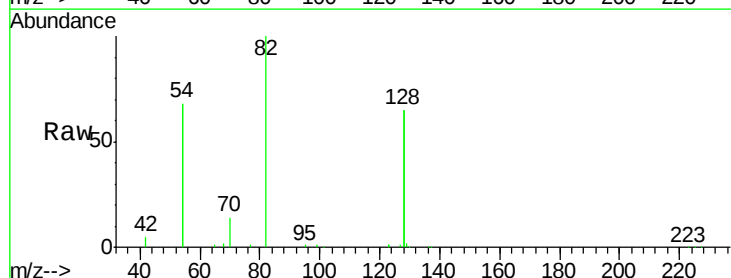
Tgt Ion: 82 Resp: 26525

Ion Ratio Lower Upper

82 100

128 129.5 107.0 160.4

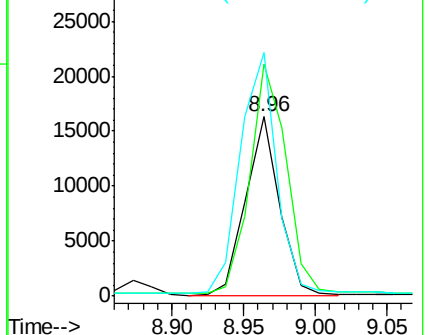
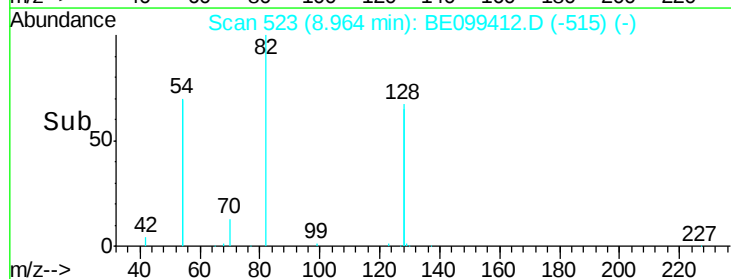
54 135.8 113.1 169.7

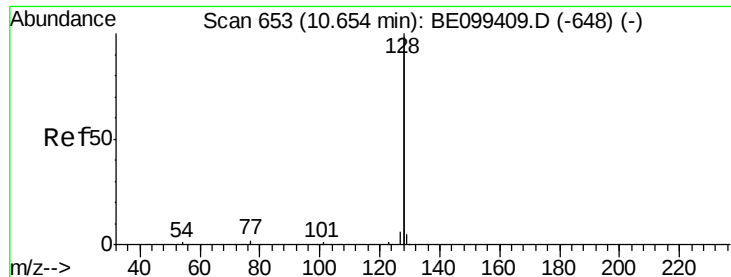


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.260 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

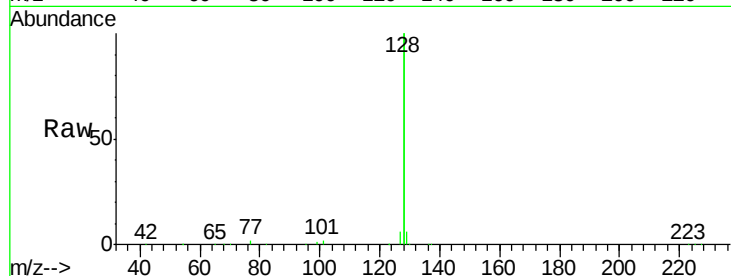
Tgt Ion:128 Resp: 292311

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

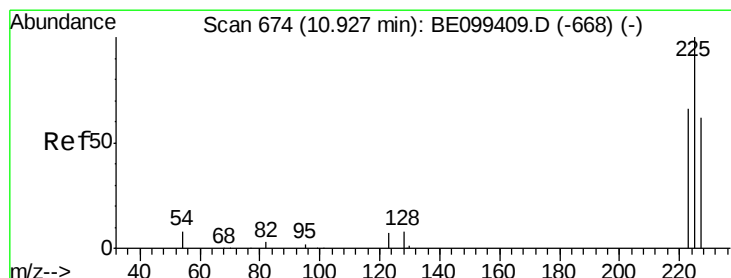
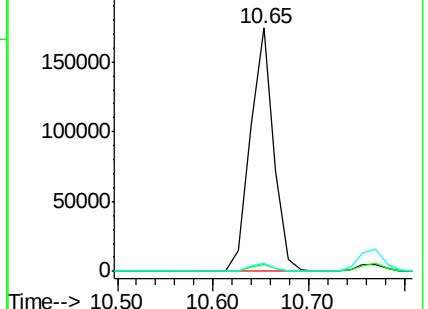
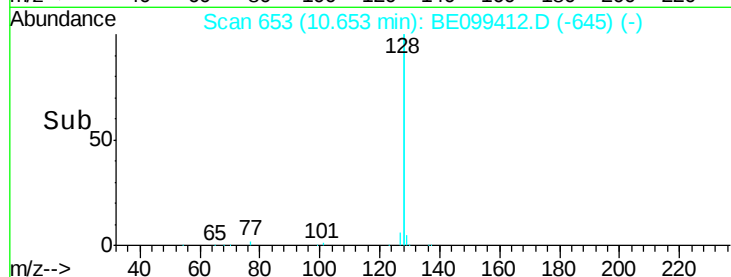
127 3.2 2.8 4.2



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: 3.453 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

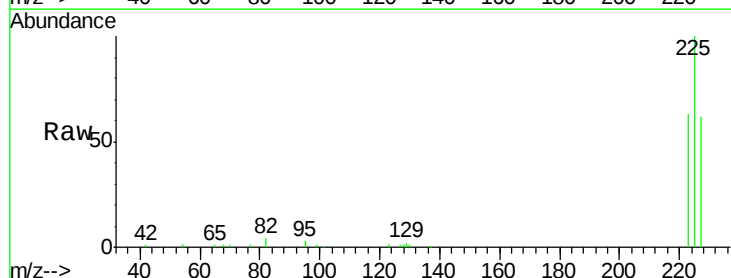
Tgt Ion:225 Resp: 19656

Ion Ratio Lower Upper

225 100

223 62.4 51.0 76.6

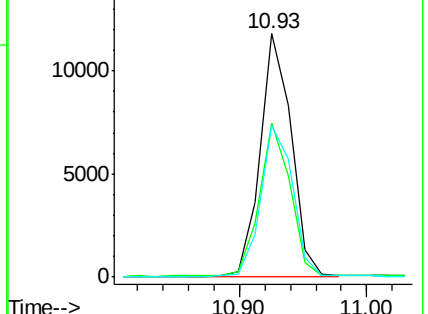
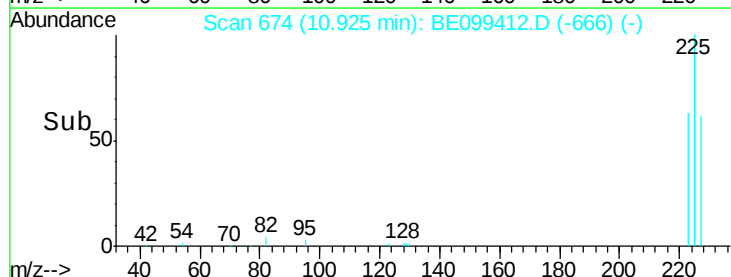
227 63.9 50.9 76.3

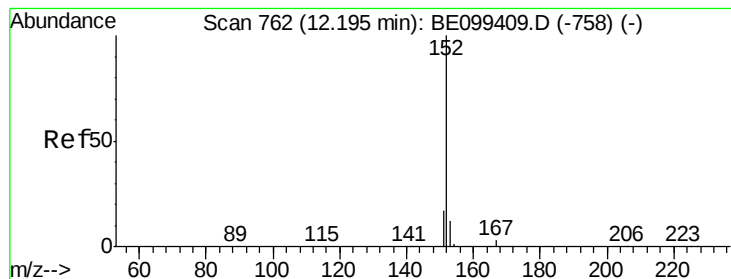


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.430 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

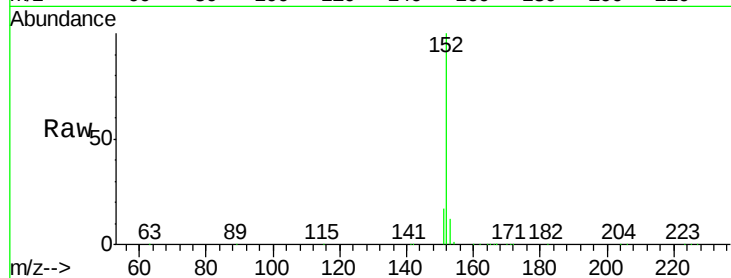
SSTDICC3.2

Tgt Ion:152 Resp: 49747

Ion Ratio Lower Upper

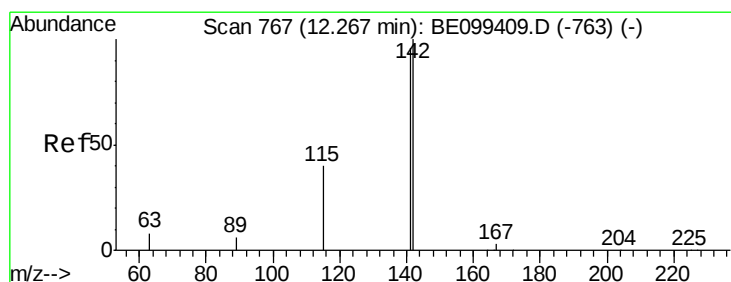
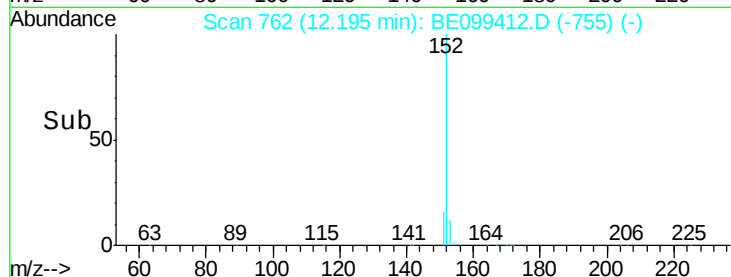
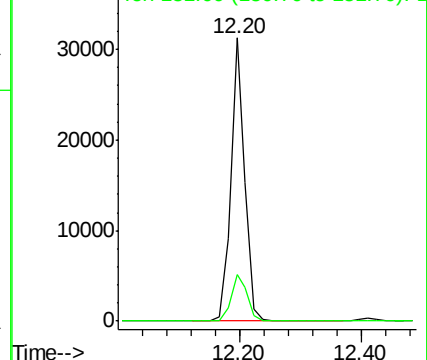
152 100

151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.466 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

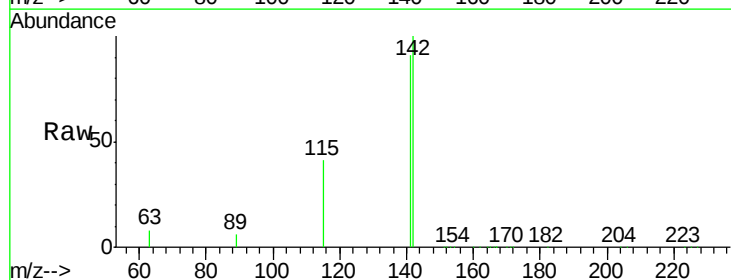
Tgt Ion:142 Resp: 52874

Ion Ratio Lower Upper

142 100

141 91.4 77.0 115.4

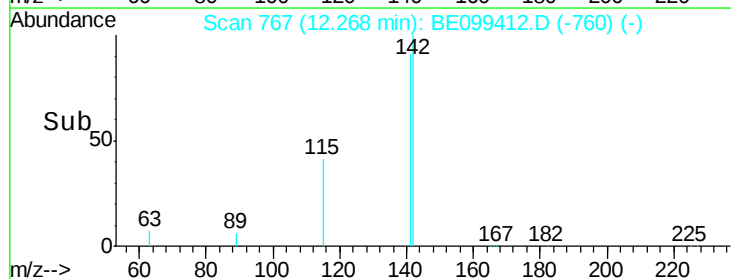
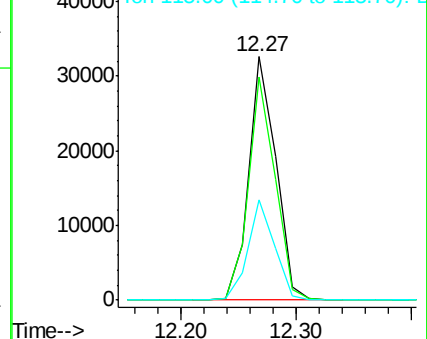
115 41.2 33.4 50.0

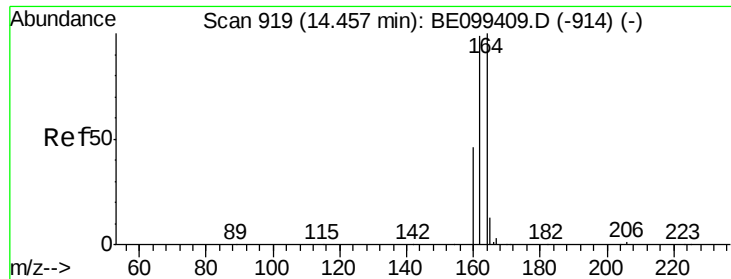


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

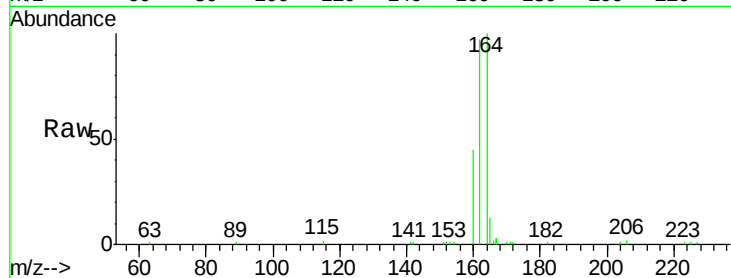
Tgt Ion:164 Resp: 6513

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.4

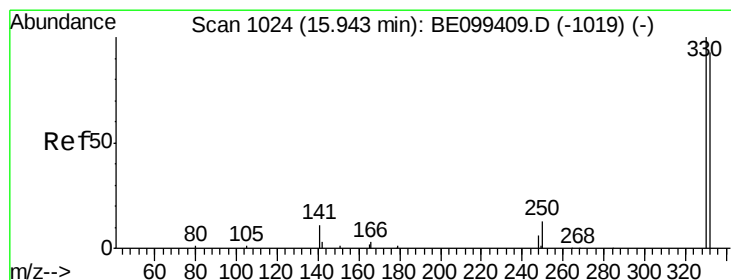
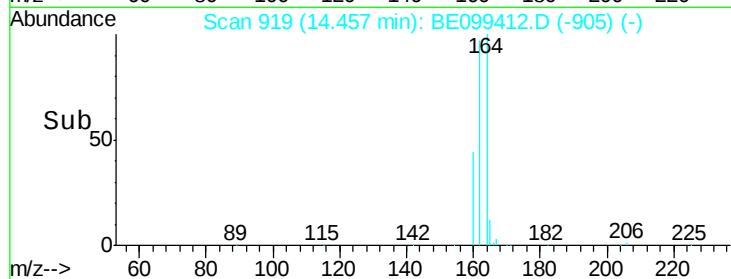
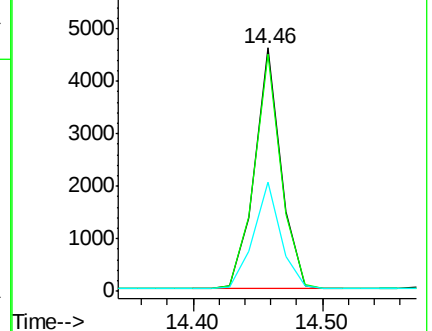
160 44.9 37.0 55.4



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: 6.719 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

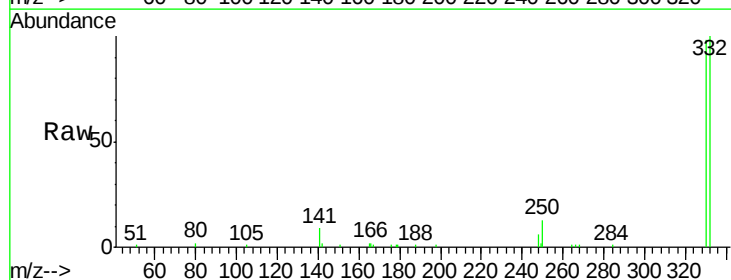
Tgt Ion:330 Resp: 14535

Ion Ratio Lower Upper

330 100

332 97.2 71.5 107.3

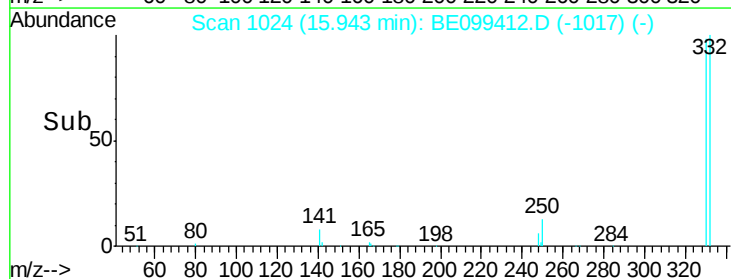
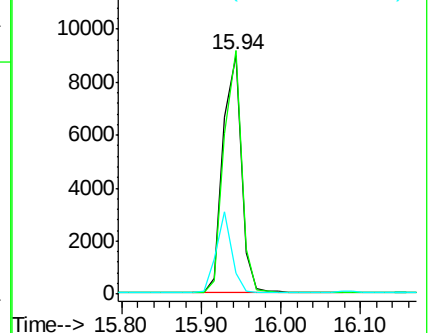
141 29.0 24.0 36.0

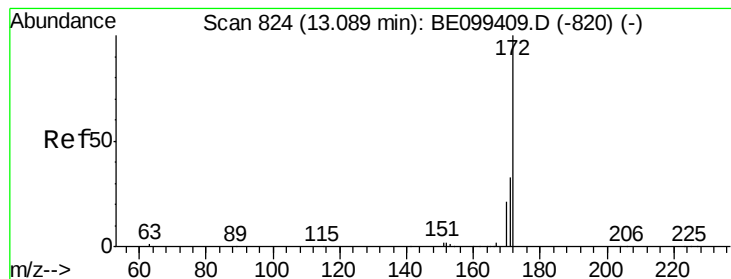


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.076 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

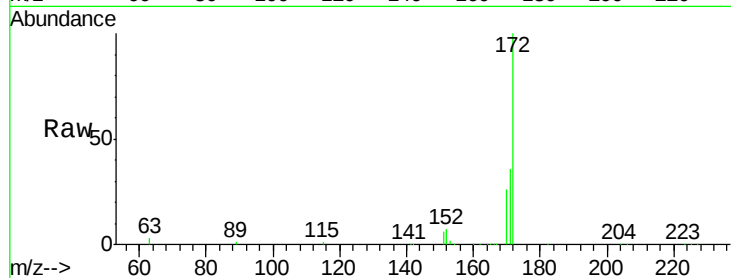
Tgt Ion:172 Resp: 78753

Ion Ratio Lower Upper

172 100

171 36.2 26.6 39.8

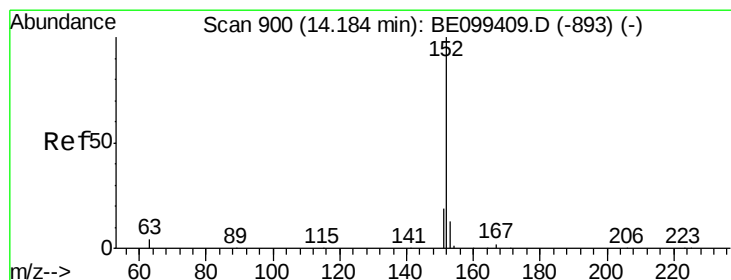
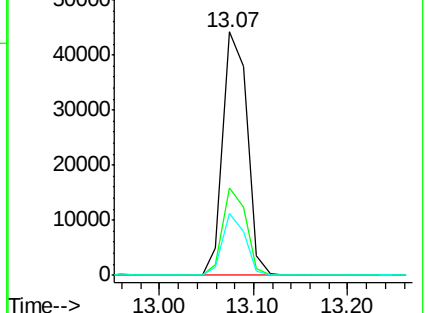
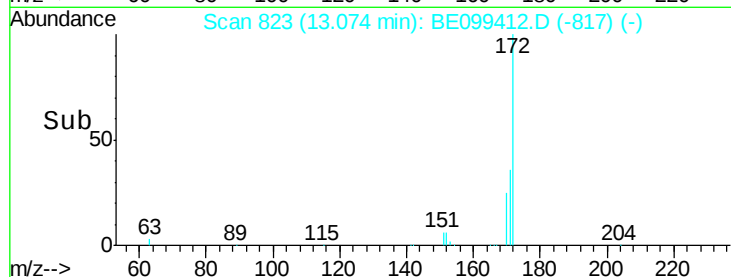
170 25.5 17.0 25.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 3.570 ng

RT: 14.18 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

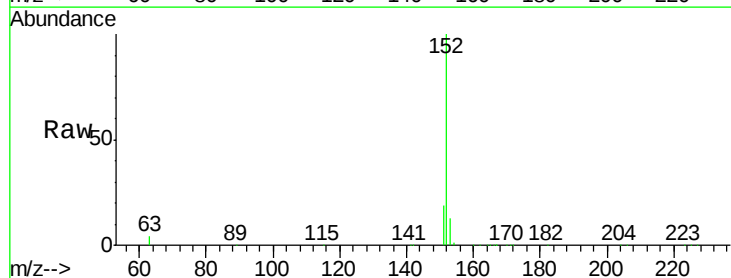
Tgt Ion:152 Resp: 105089

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.2

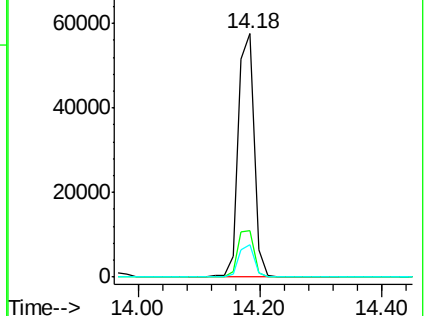
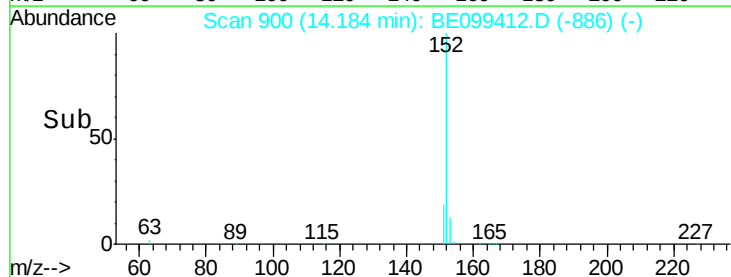
153 13.0 9.8 14.6

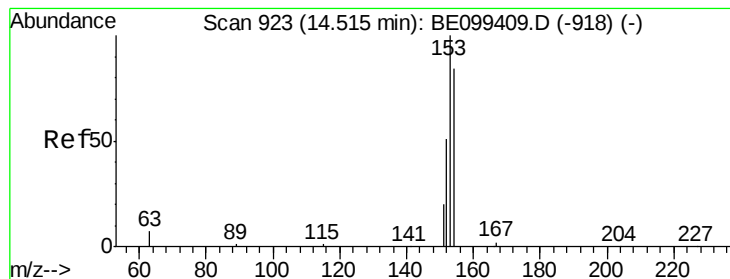


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.320 ng

RT: 14.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

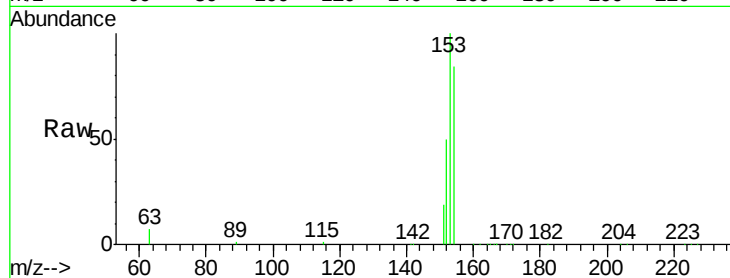
Tgt Ion:154 Resp: 60226

Ion Ratio Lower Upper

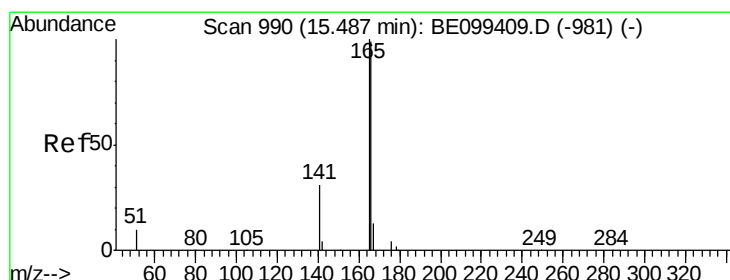
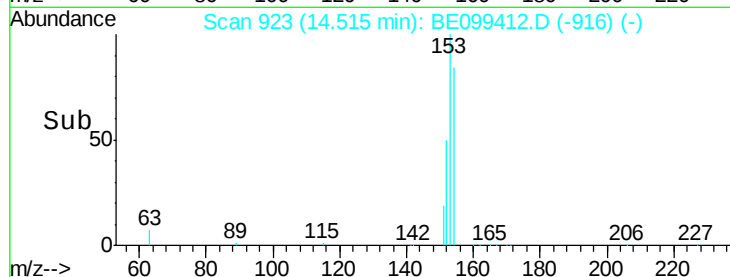
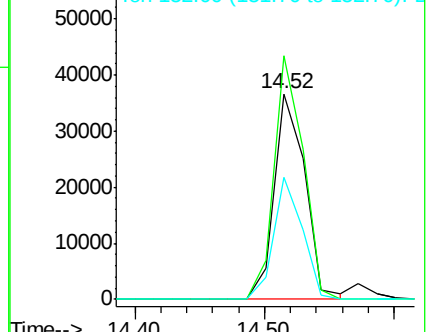
154 100

153 113.3 92.6 138.8

152 55.9 45.8 68.8



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: 3.398 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

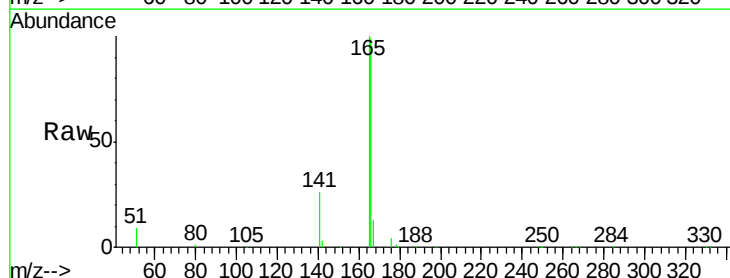
Tgt Ion:166 Resp: 88570

Ion Ratio Lower Upper

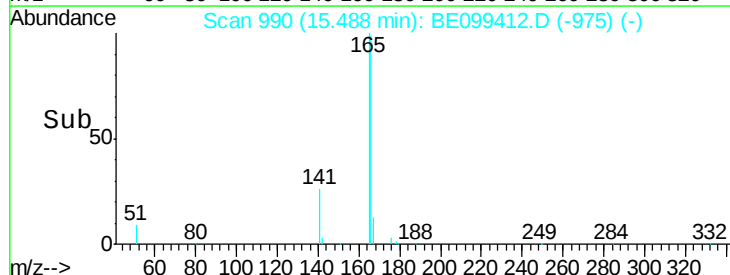
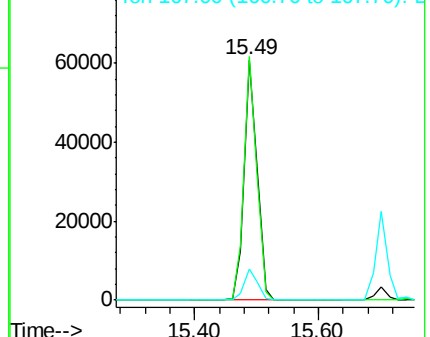
166 100

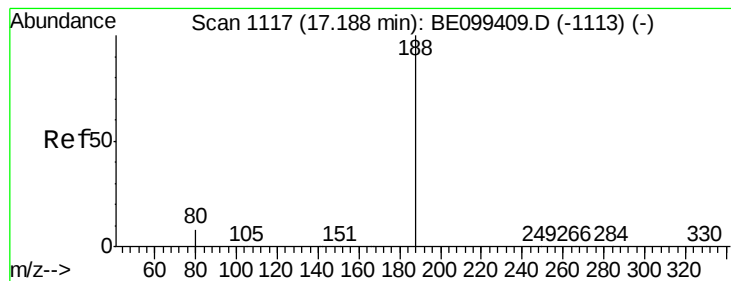
165 100.1 80.3 120.5

167 13.2 10.7 16.1



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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

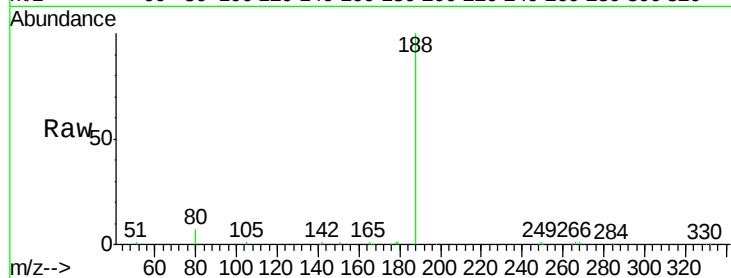
Tgt Ion:188 Resp: 19789

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

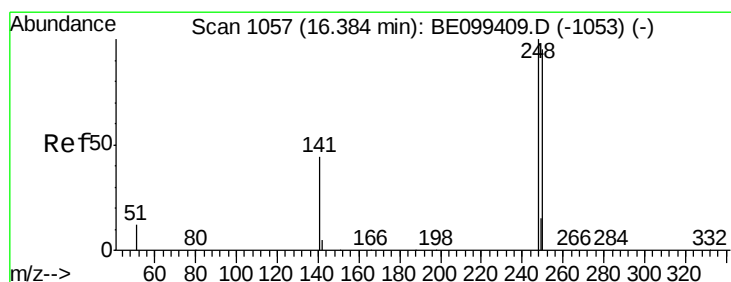
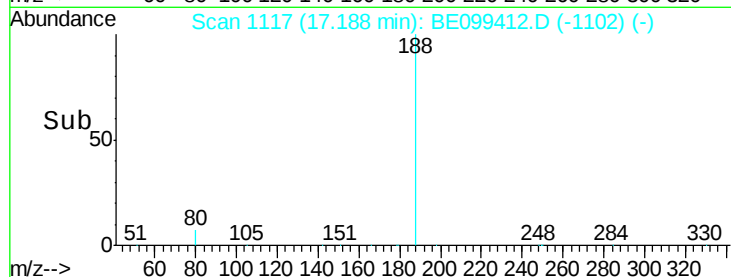
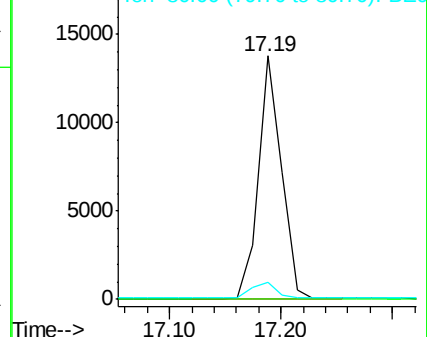
80 7.1 6.7 10.1



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: 3.457 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

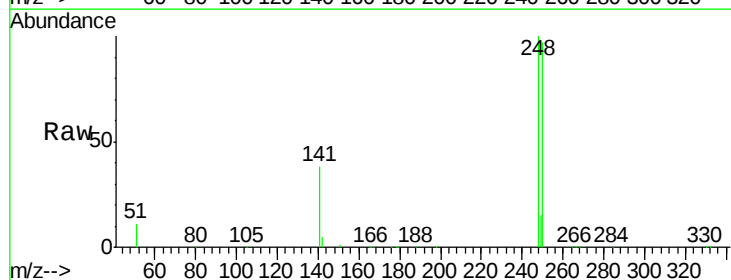
Tgt Ion:248 Resp: 37901

Ion Ratio Lower Upper

248 100

250 96.5 75.8 113.8

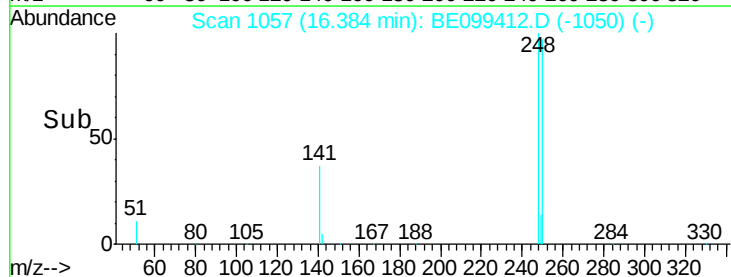
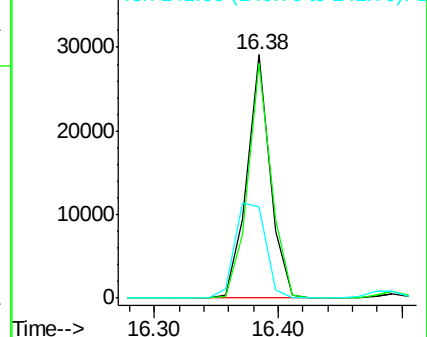
141 37.6 35.7 53.5

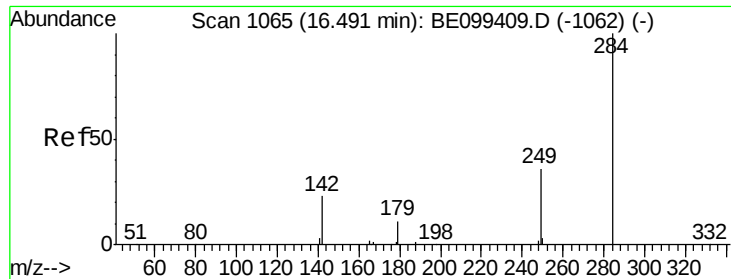


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.456 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

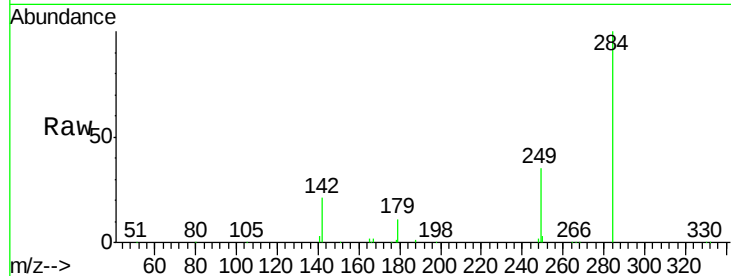
Tgt Ion:284 Resp: 36417

Ion Ratio Lower Upper

284 100

142 25.6 21.0 31.6

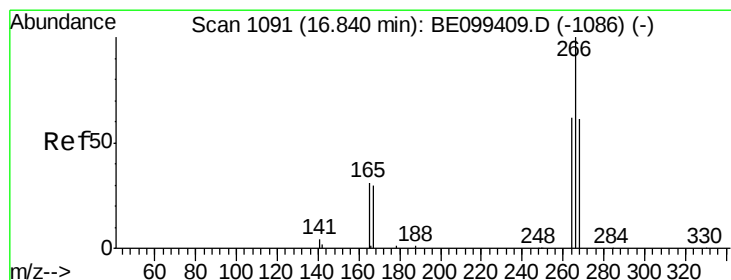
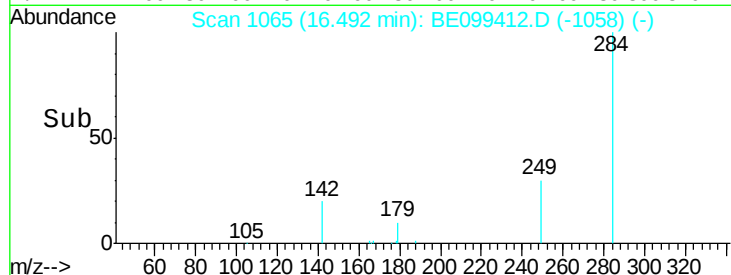
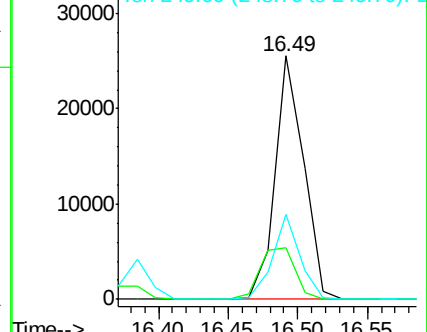
249 32.9 26.7 40.1



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: 6.603 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

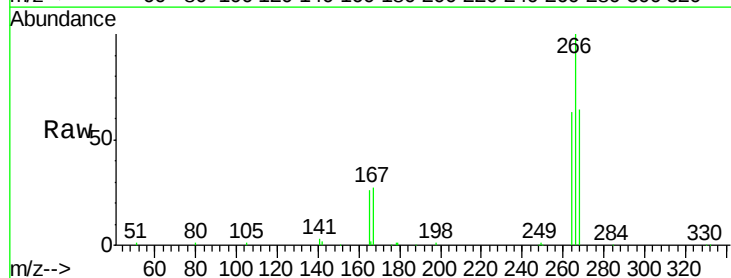
Tgt Ion:266 Resp: 18759

Ion Ratio Lower Upper

266 100

264 63.2 50.8 76.2

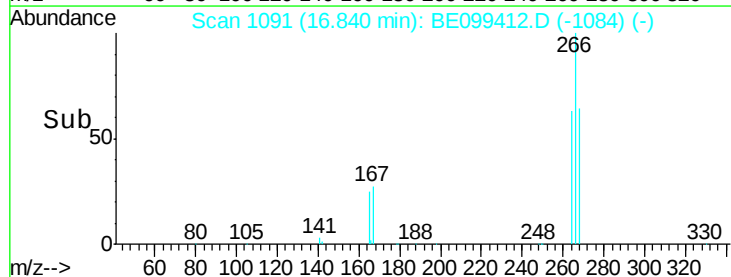
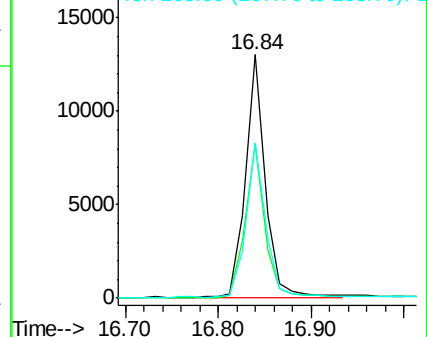
268 64.0 50.5 75.7

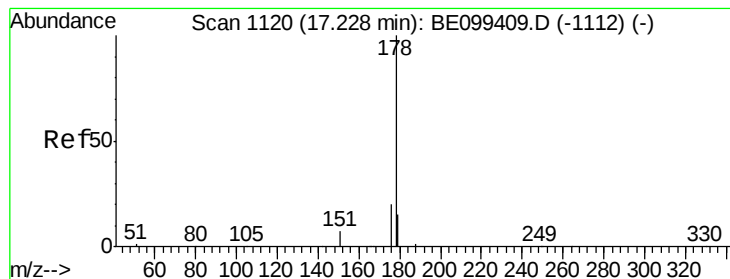


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.100 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

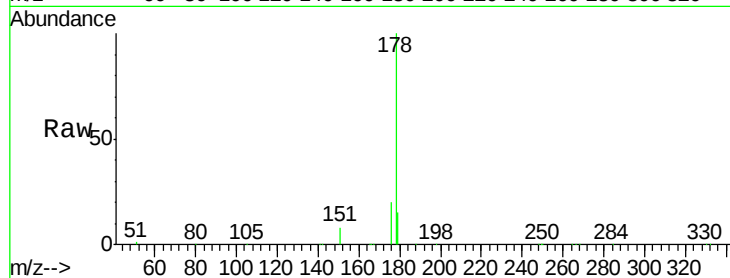
Tgt Ion:178 Resp: 162443

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

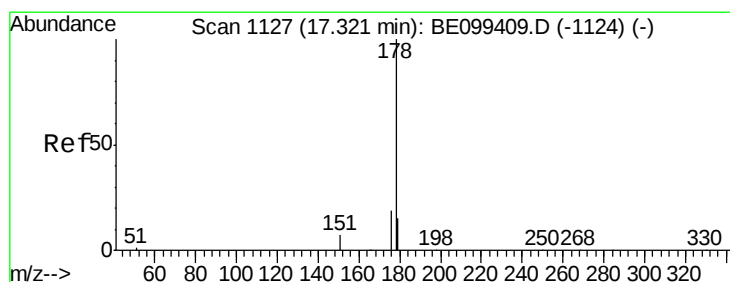
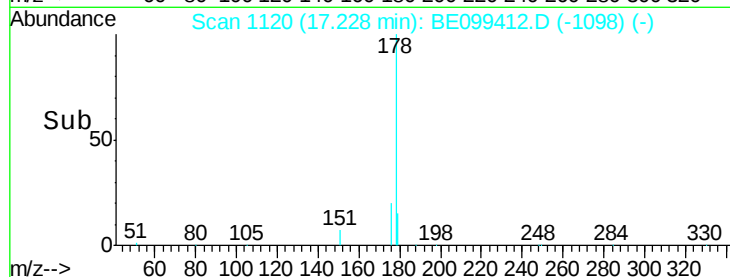
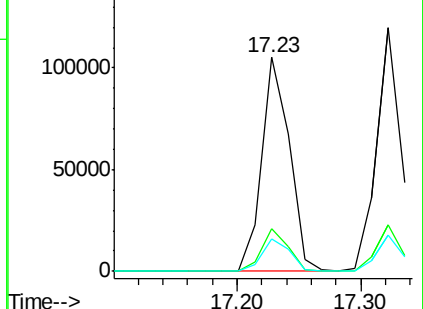
179 15.4 12.0 18.0



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: 3.526 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

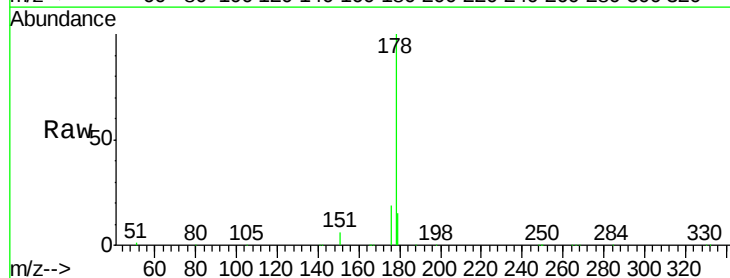
Tgt Ion:178 Resp: 164378

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

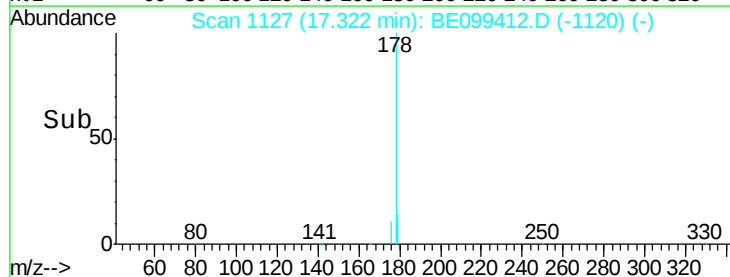
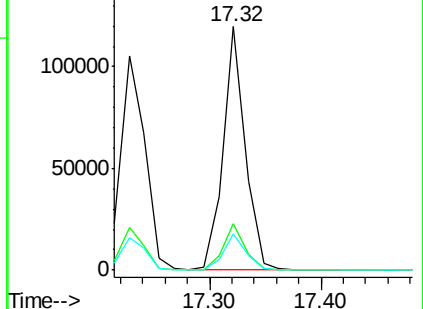
179 15.1 11.9 17.9

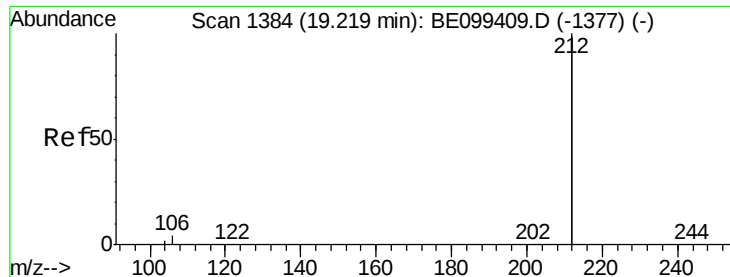


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

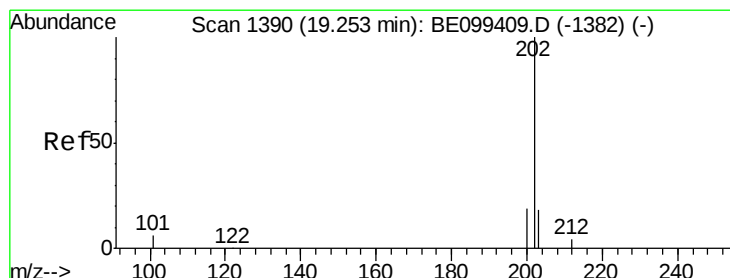
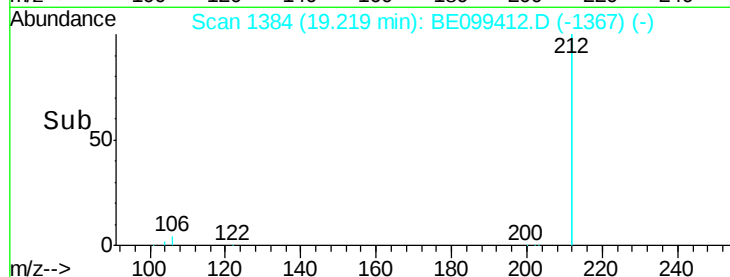
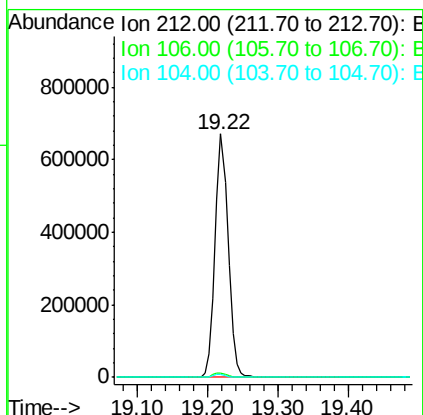
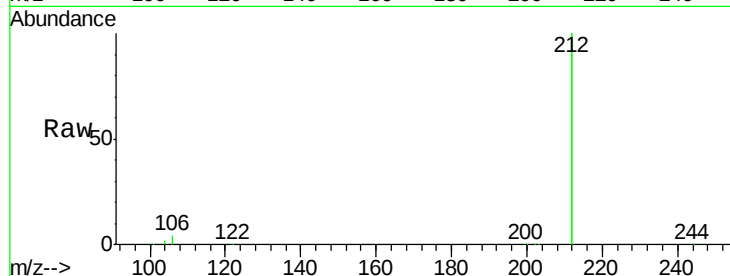




#25
 Fluoranthene-d10
 Concen: 3.611 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

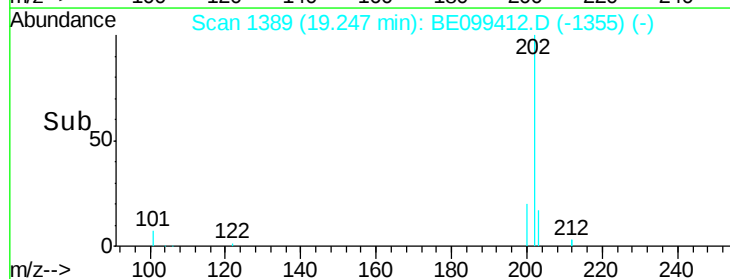
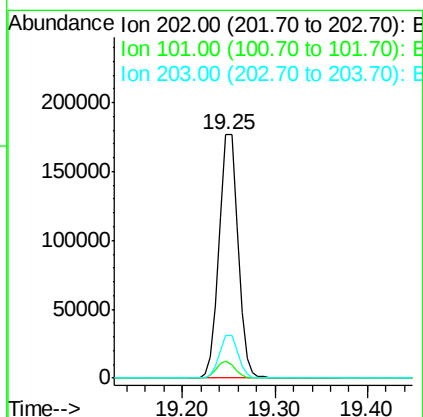
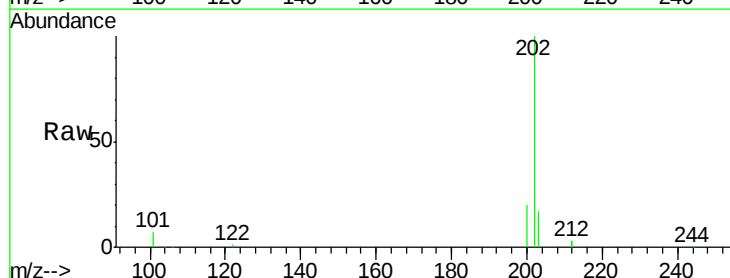
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

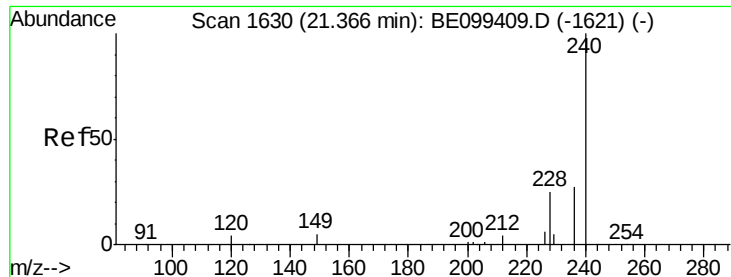
Tgt Ion: 212 Resp: 858584
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.5 2.3
 104 1.1 0.9 1.3



#26
 Fluoranthene
 Concen: 3.523 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

Tgt Ion: 202 Resp: 247124
 Ion Ratio Lower Upper
 202 100
 101 6.9 5.4 8.0
 203 17.5 13.9 20.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

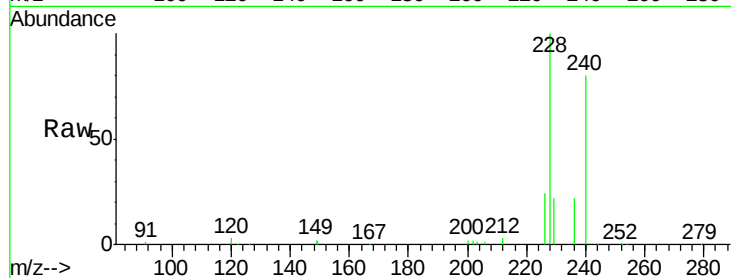
Tgt Ion:240 Resp: 29402

Ion Ratio Lower Upper

240 100

120 4.0 4.0 6.0

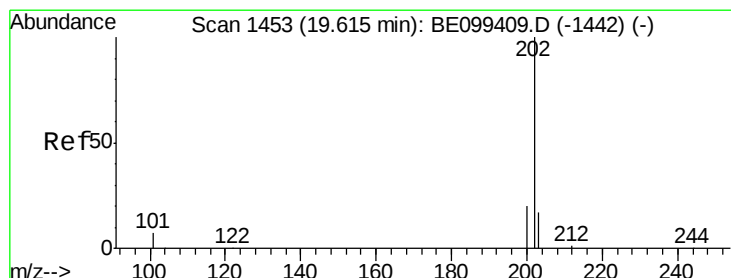
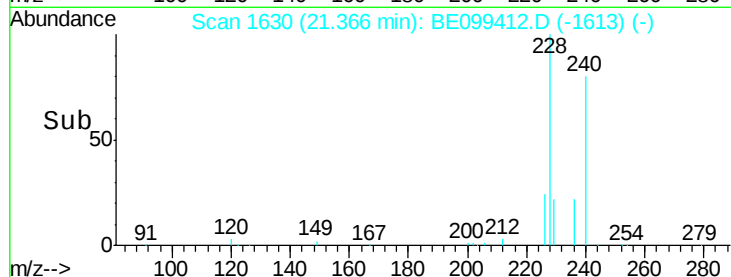
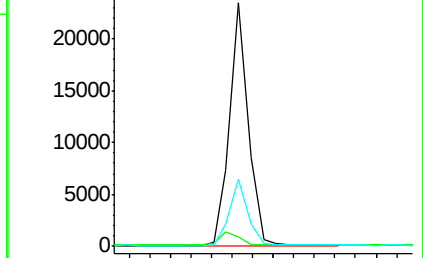
236 27.4 22.0 33.0



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: 2.953 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

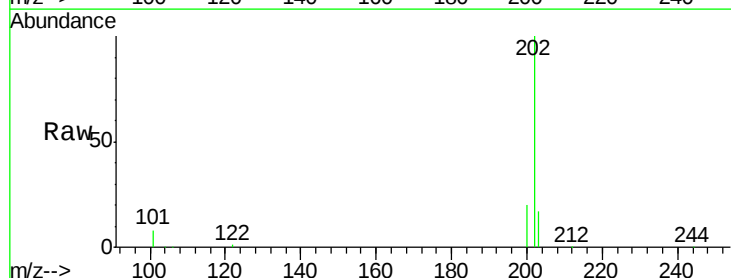
Tgt Ion:202 Resp: 255752

Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

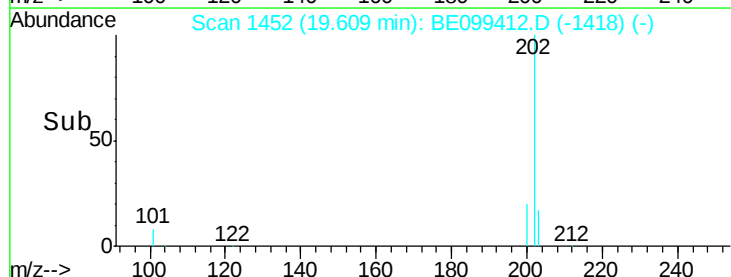
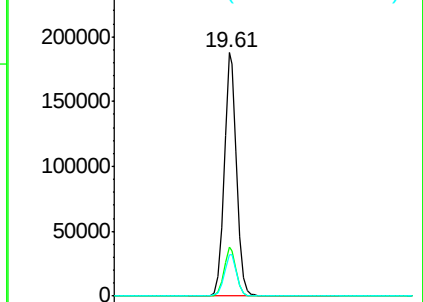
203 17.5 13.9 20.9

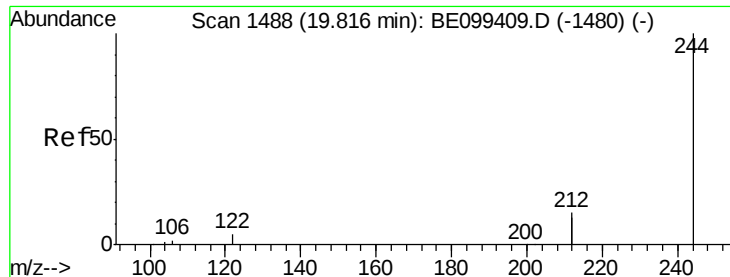


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.097 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

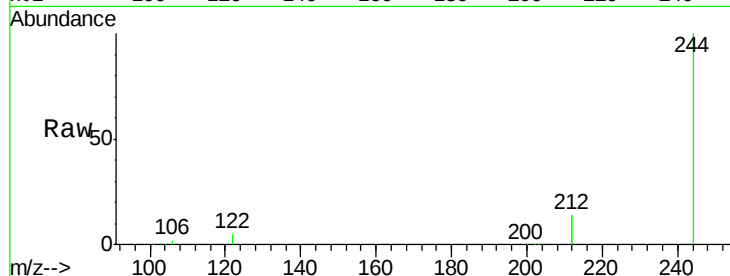
Tgt Ion:244 Resp: 179238

Ion Ratio Lower Upper

244 100

212 28.5 23.2 34.8

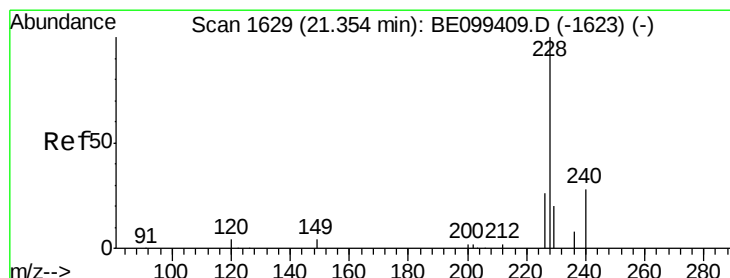
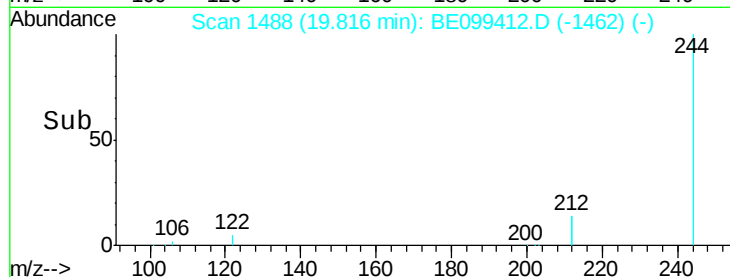
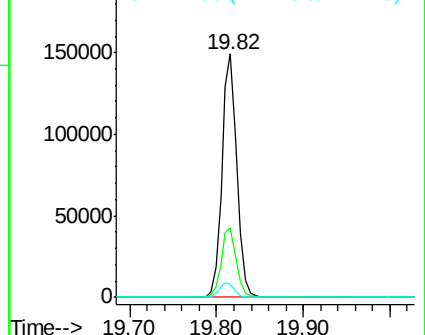
122 5.3 4.2 6.4



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: 3.518 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

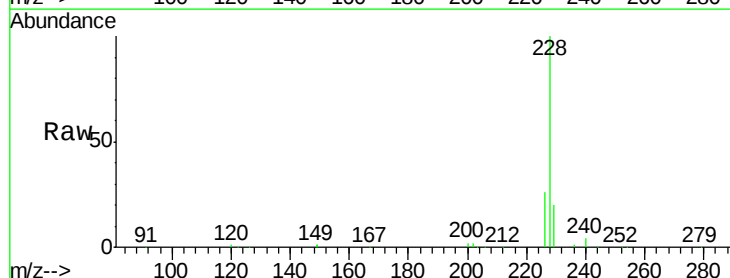
Tgt Ion:228 Resp: 304088

Ion Ratio Lower Upper

228 100

226 26.2 21.0 31.6

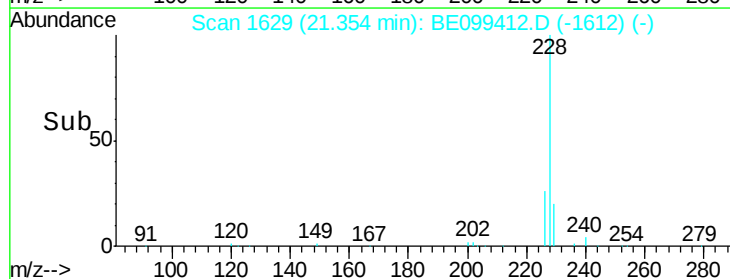
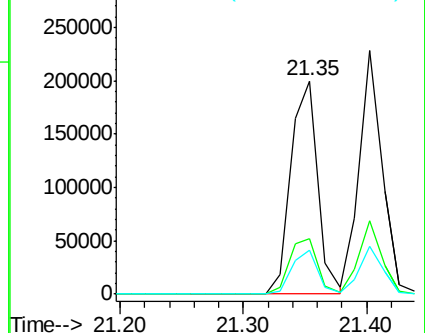
229 20.4 16.6 25.0

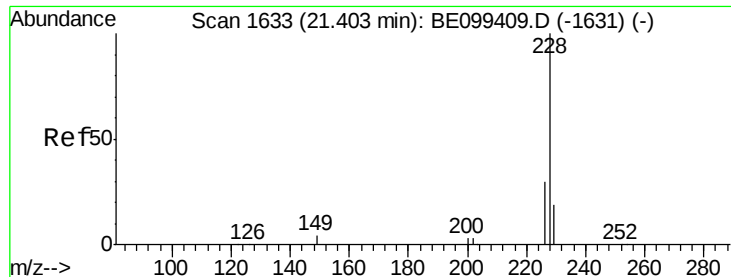


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.191 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

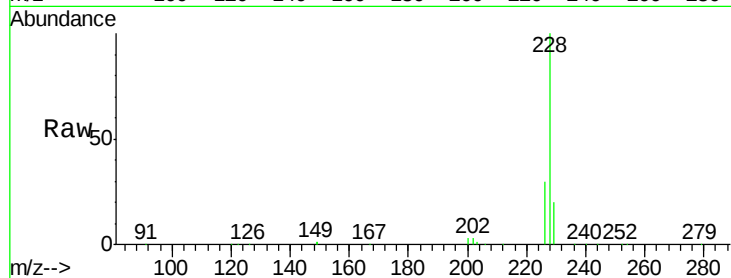
Tgt Ion: 228 Resp: 293510

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

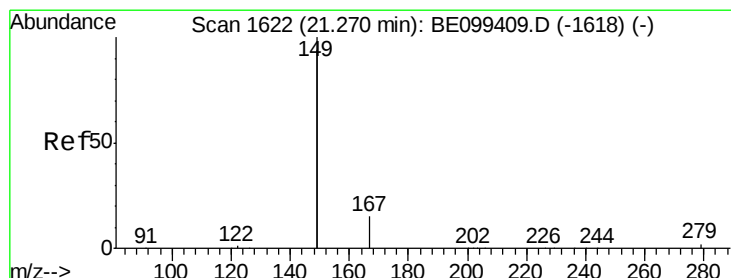
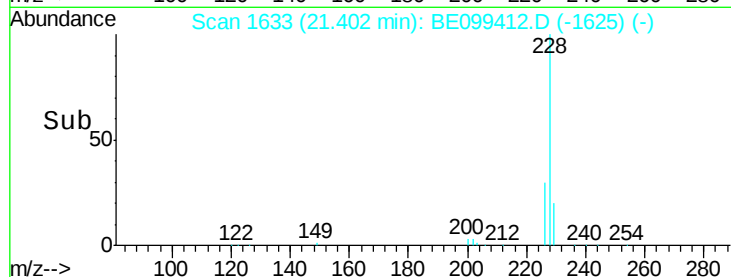
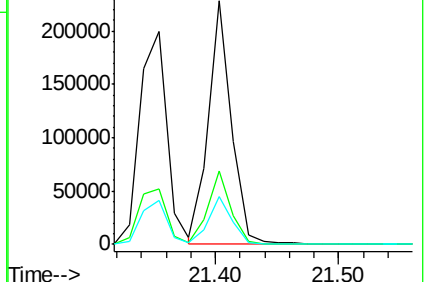
229 19.8 15.8 23.8



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: 5.647 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

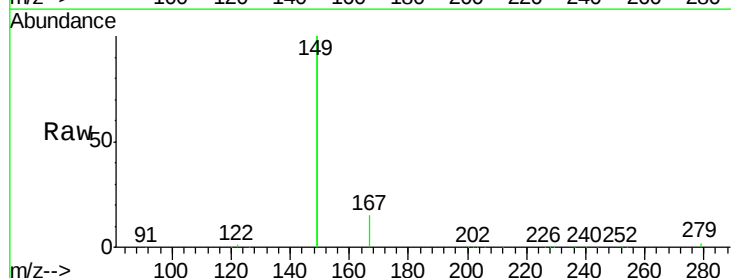
Tgt Ion: 149 Resp: 444170

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

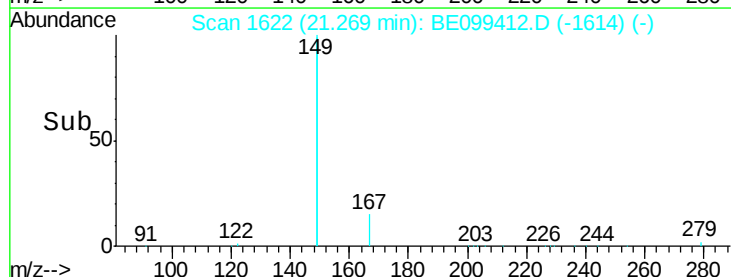
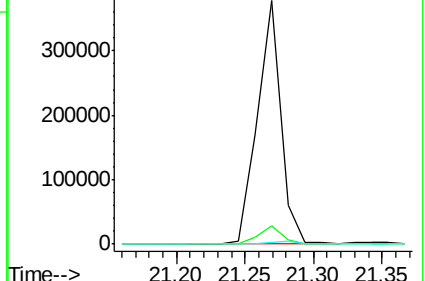
279 1.3 1.0 1.6

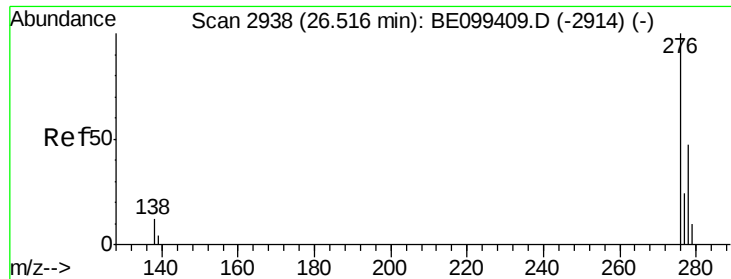


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.778 ng

RT: 26.52 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

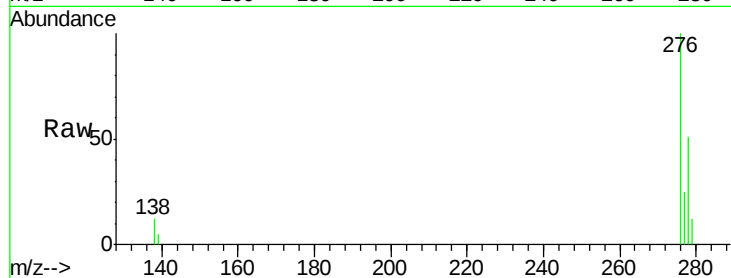
Tgt Ion:276 Resp: 343149

Ion Ratio Lower Upper

276 100

138 12.6 10.2 15.2

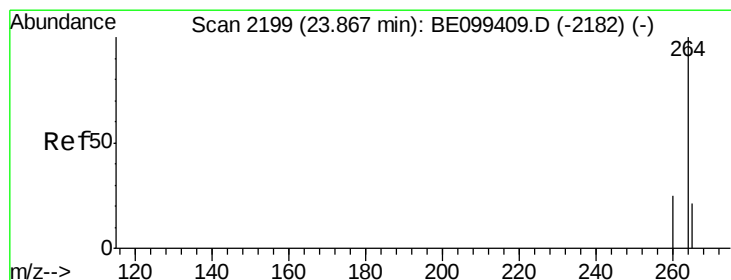
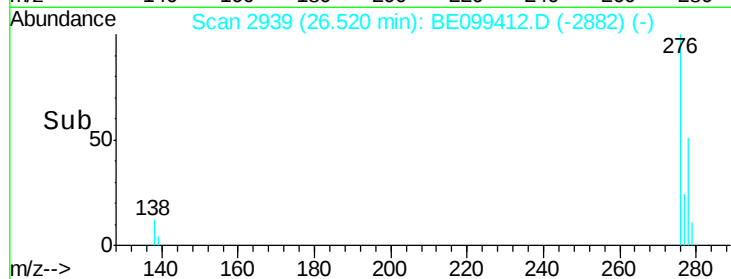
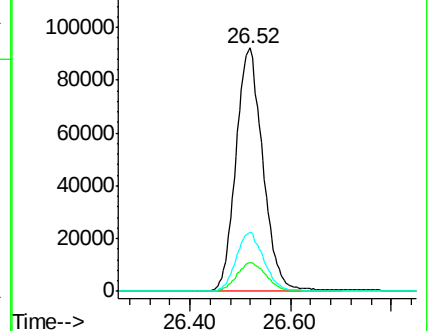
277 24.7 19.2 28.8



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: 23.87 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

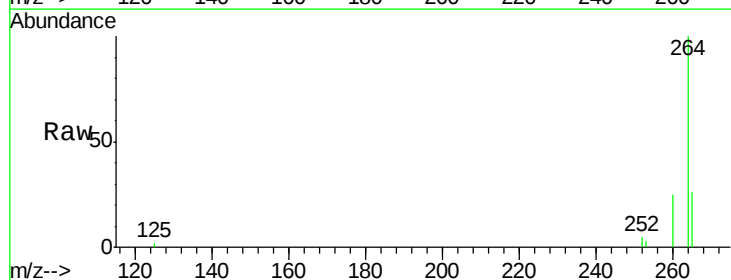
Tgt Ion:264 Resp: 30634

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

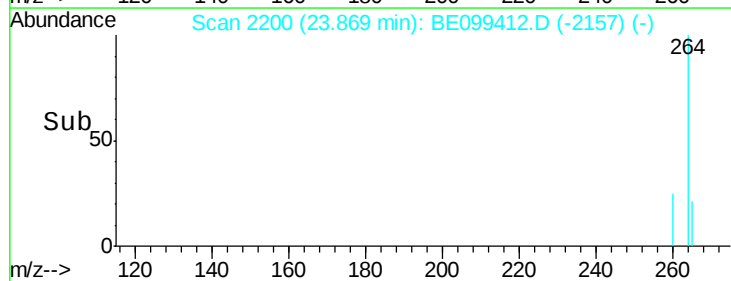
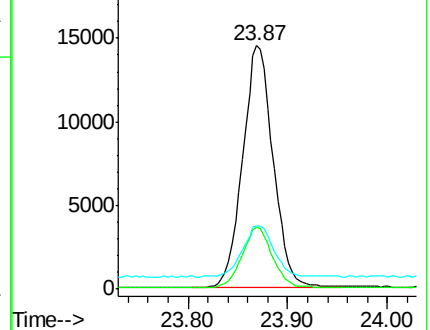
265 26.0 21.3 31.9

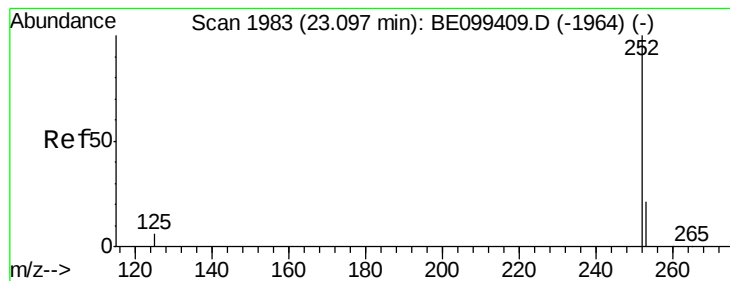


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.109 ng

RT: 23.10 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

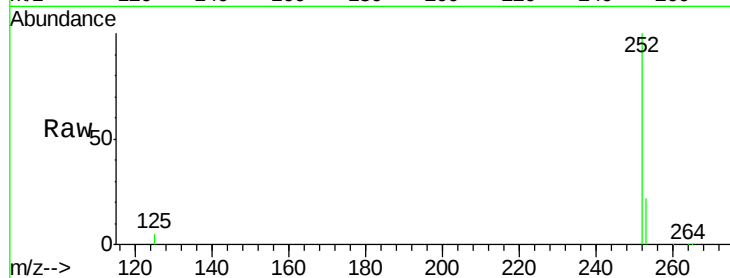
Tgt Ion:252 Resp: 291591

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

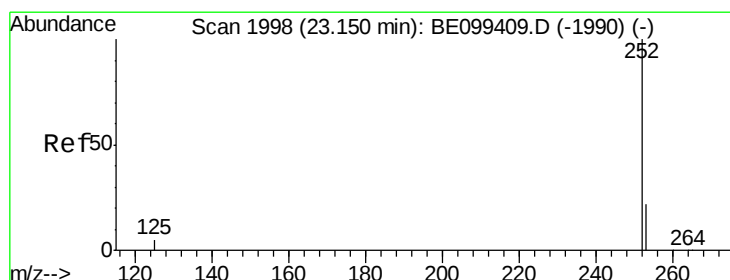
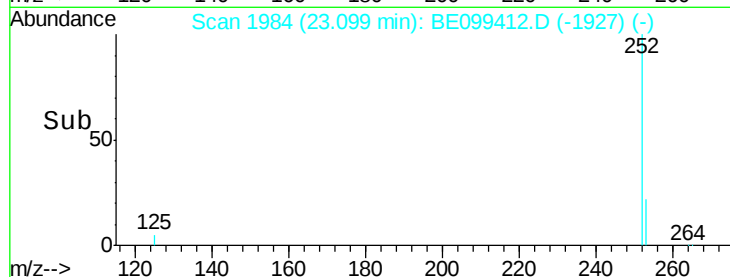
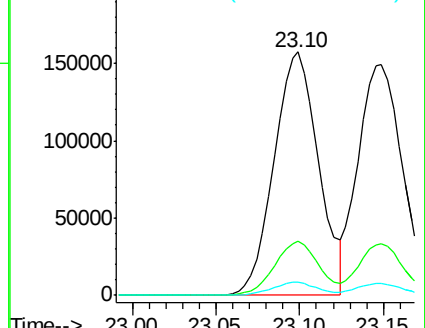
125 5.3 5.6 8.4#



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: 2.994 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

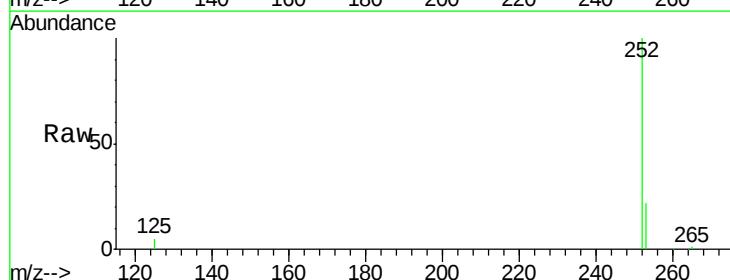
Tgt Ion:252 Resp: 279895

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

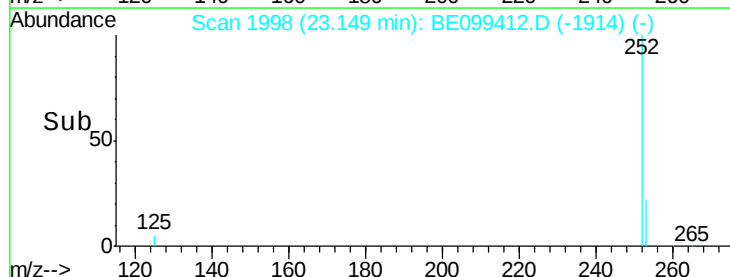
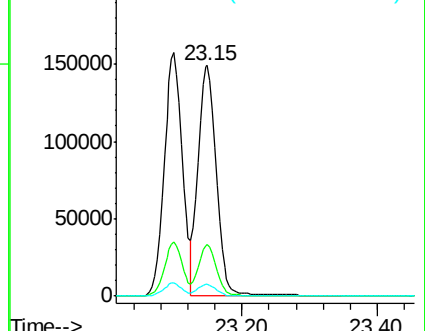
125 5.2 5.0 7.4

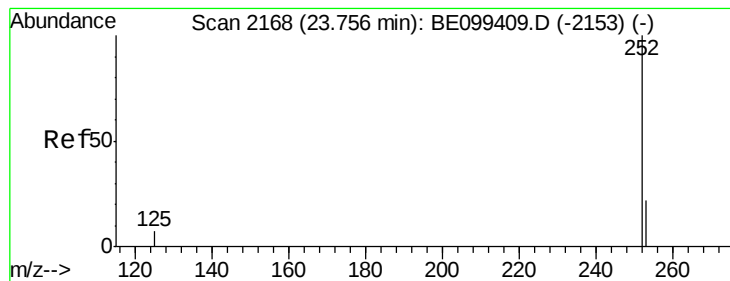


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.262 ng

RT: 23.75 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

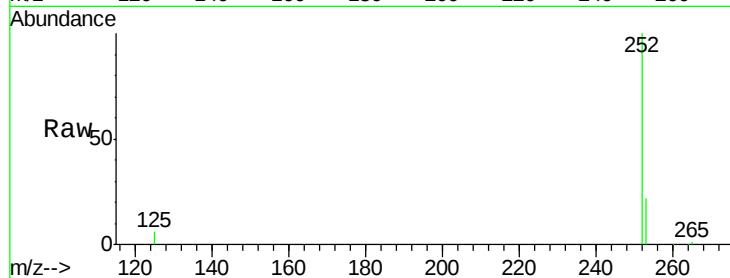
Tgt Ion:252 Resp: 274058

Ion Ratio Lower Upper

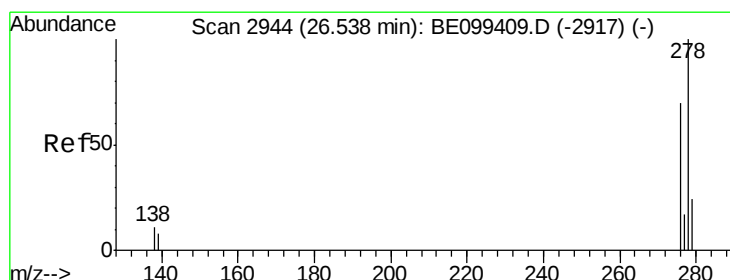
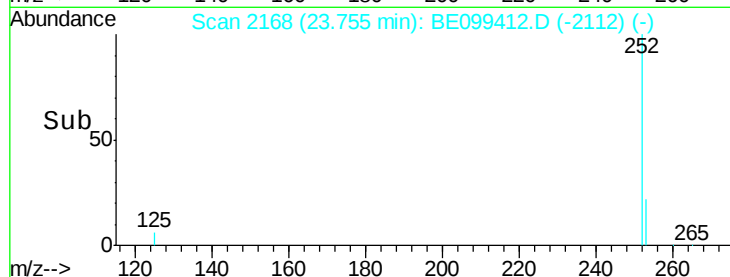
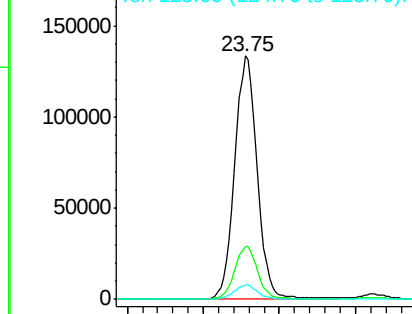
252 100

253 22.0 18.9 28.3

125 5.9 6.7 10.1#



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



#38

Dibenzo(a,h)anthracene

Concen: 3.290 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

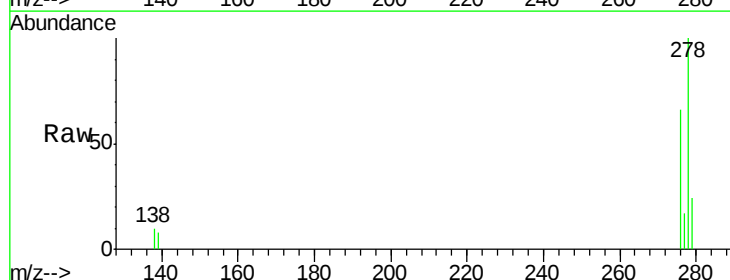
Tgt Ion:278 Resp: 282419

Ion Ratio Lower Upper

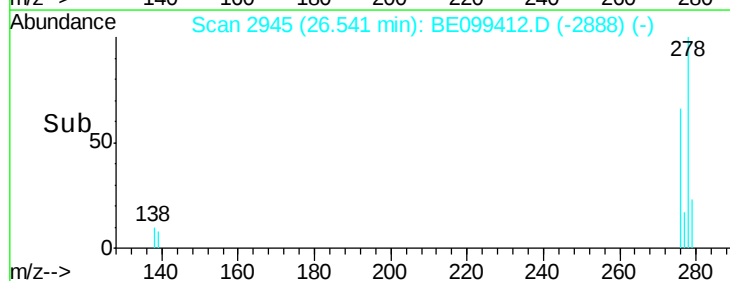
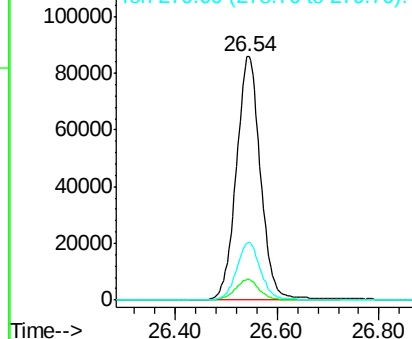
278 100

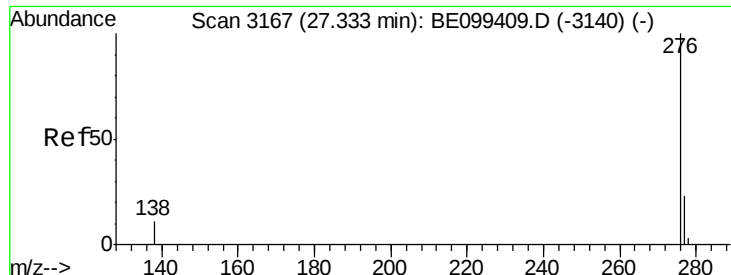
139 8.4 7.7 11.5

279 23.6 20.2 30.2



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(g,h,i)perylene

Concen: 3.209 ng

RT: 27.33 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BE099412.D

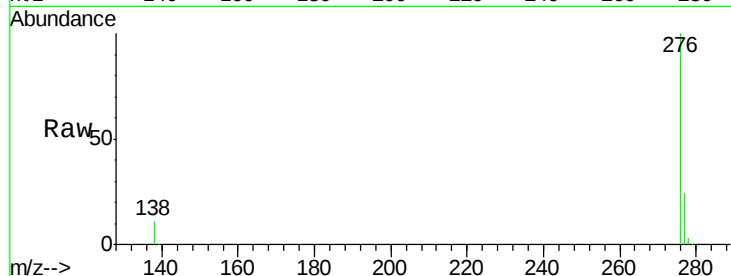
Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



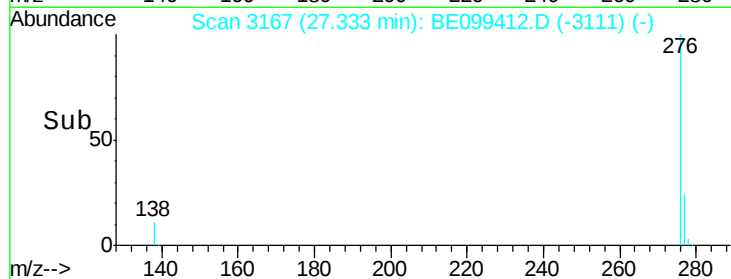
Tgt Ion: 276 Resp: 279455

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 10.9 9.6 14.4



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

