

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
 Data File : BE099411.D
 Acq On : 29 Apr 2019 16:42
 Operator : JU/SJ
 Sample : SSTDICC 1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 29 17:15:51 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	2117	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8320	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6348	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18673	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29733	0.40	ng	0.00
34) Perylene-d12	23.87	264	30782	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	9516	1.84	ng	0.00
5) Phenol-d6	6.97	99	12913	1.75	ng	0.00
8) Nitrobenzene-d5	8.97	82	12571	1.95	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	24354	1.66	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	6414	3.04	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	38805	1.56	ng	-0.01
25) Fluoranthene-d10	19.22	212	404707	1.80	ng	0.00
29) Terphenyl-d14	19.82	244	84833	1.45	ng	0.00

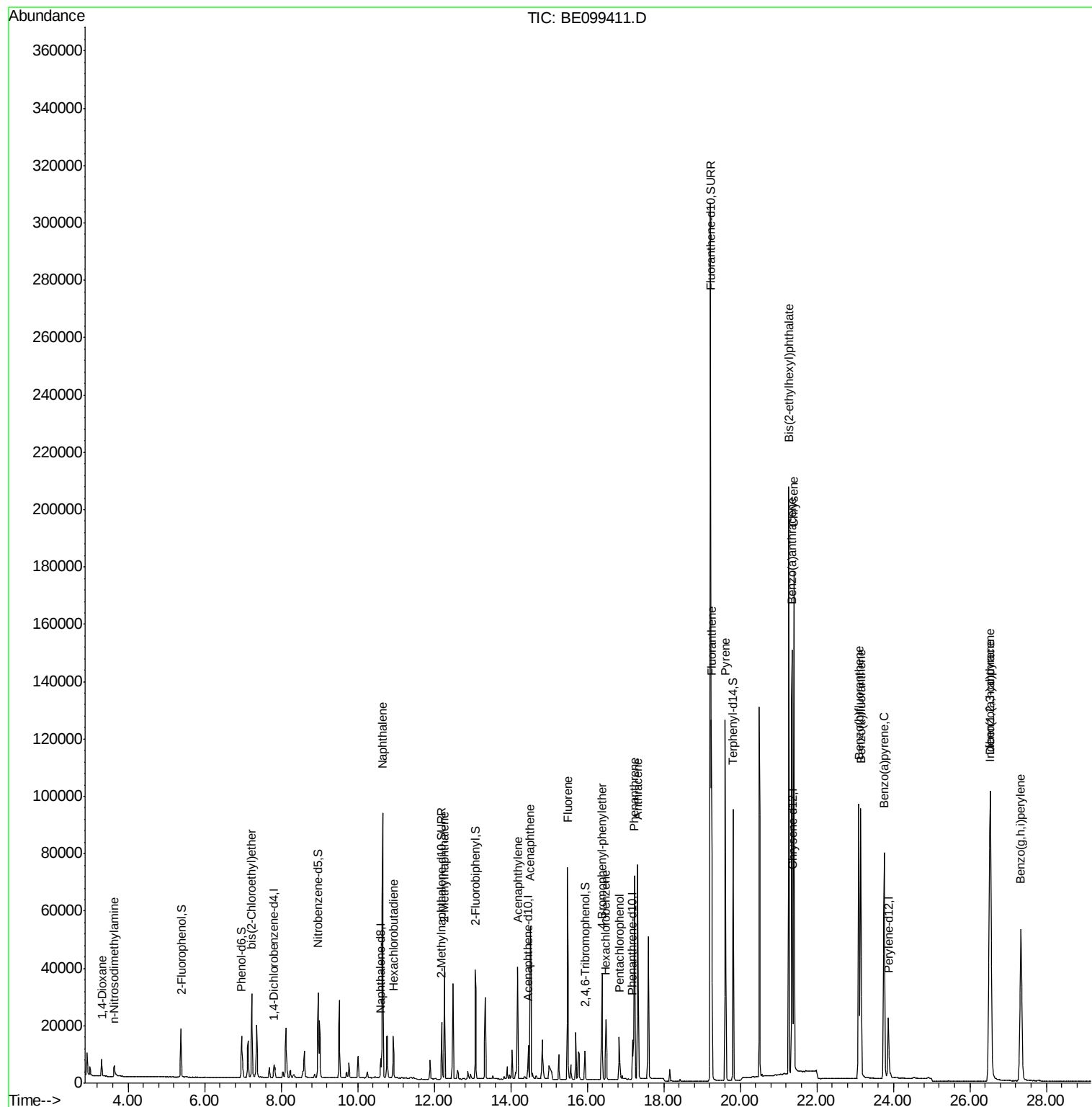
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	4409	1.488	ng	96
3) n-Nitrosodimethylamine	3.63	42	2946	1.847	ng	# 89
6) bis(2-Chloroethyl)ether	7.23	93	11059	1.606	ng	99
9) Naphthalene	10.65	128	145146	1.599	ng	99
10) Hexachlorobutadiene	10.93	225	9936	1.724	ng	99
12) 2-Methylnaphthalene	12.27	142	26048	1.687	ng	96
16) Acenaphthylene	14.18	152	51068	1.780	ng	99
17) Acenaphthene	14.51	154	28149	1.592	ng	99
18) Fluorene	15.49	166	41780	1.645	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	17767	1.717	ng	98
21) Hexachlorobenzene	16.49	284	16722	1.682	ng	99
22) Pentachlorophenol	16.84	266	7652	2.855	ng	99
23) Phenanthrene	17.23	178	77994	1.577	ng	100
24) Anthracene	17.32	178	75318	1.712	ng	99
26) Fluoranthene	19.25	202	116757	1.764	ng	100
28) Pyrene	19.61	202	120701	1.378	ng	100
30) Benzo(a)anthracene	21.35	228	146328	1.674	ng	99
31) Chrysene	21.40	228	143783	1.546	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	212000	2.665	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	167219	1.820	ng	99
35) Benzo(b)fluoranthene	23.10	252	142596	1.513	ng	98
36) Benzo(k)fluoranthene	23.15	252	135912	1.447	ng	98
37) Benzo(a)pyrene	23.76	252	133531	1.582	ng	# 97
38) Dibenzo(a,h)anthracene	26.54	278	137591	1.595	ng	97
39) Benzo(g,h,i)perylene	27.33	276	136267	1.557	ng	99

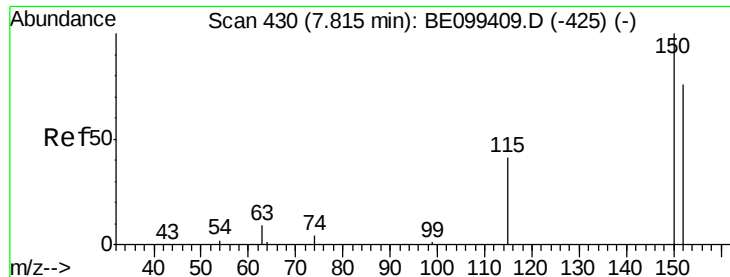
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

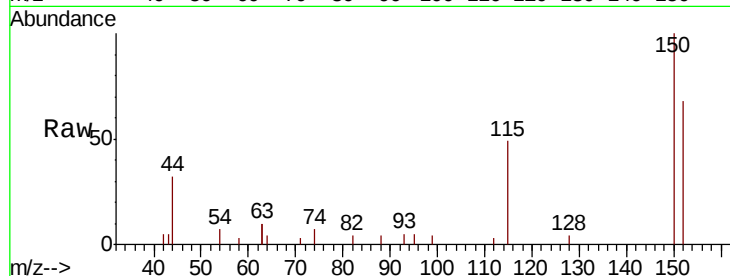
Tot Ion:152 Resp: 2117

Ion Ratio Lower Upper

152 100

150 147.9 104.8 157.2

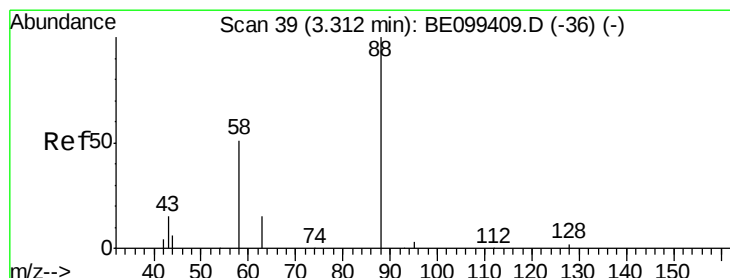
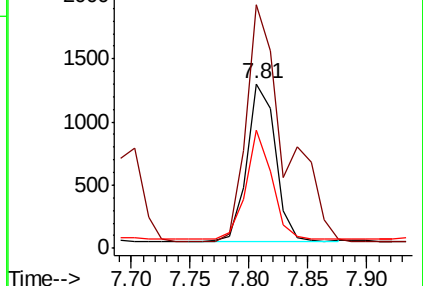
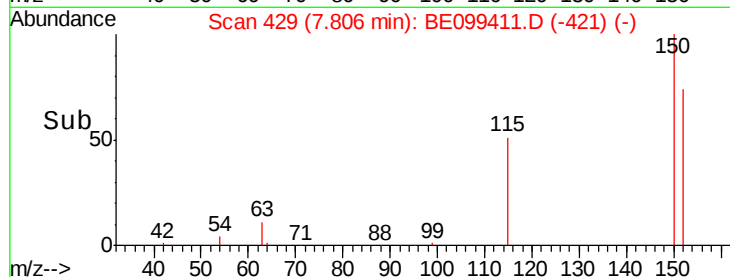
115 71.8 46.6 69.8#



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: 1.488 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

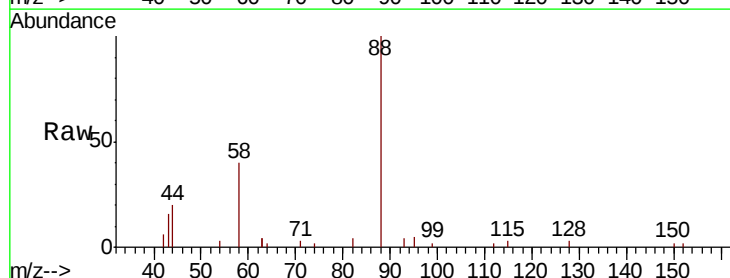
Tgt Ion: 88 Resp: 4409

Ion Ratio Lower Upper

88 100

58 61.1 51.0 76.6

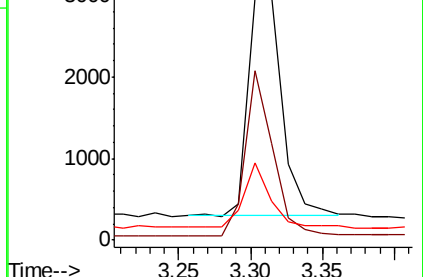
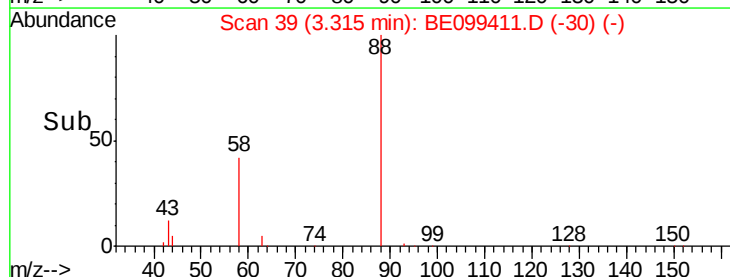
43 22.3 20.6 30.8

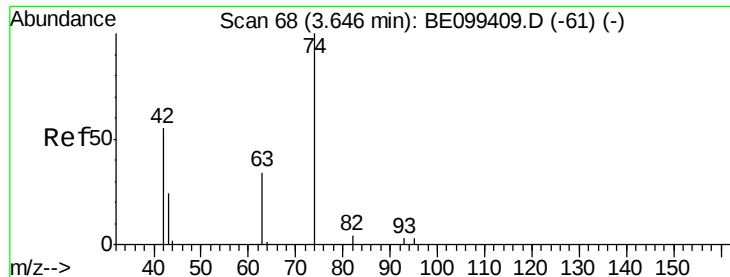


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.847 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

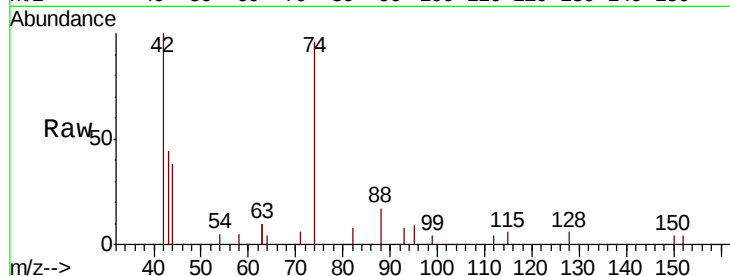
Tot Ion: 42 Resp: 2946

Ion Ratio Lower Upper

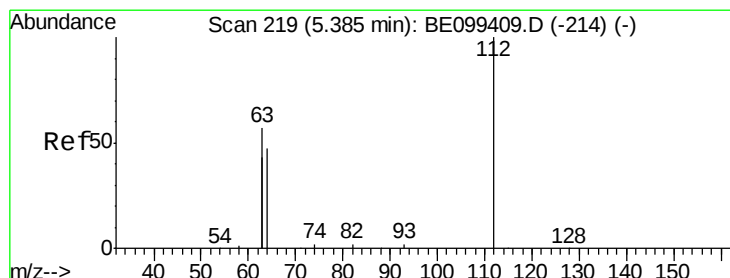
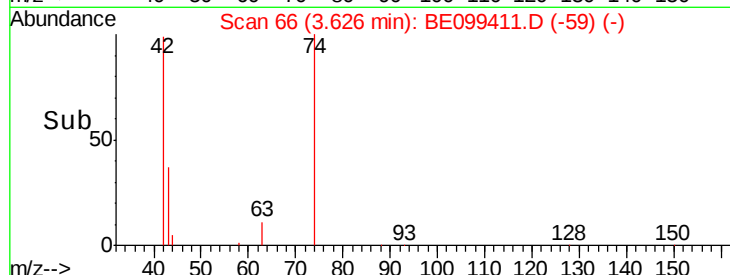
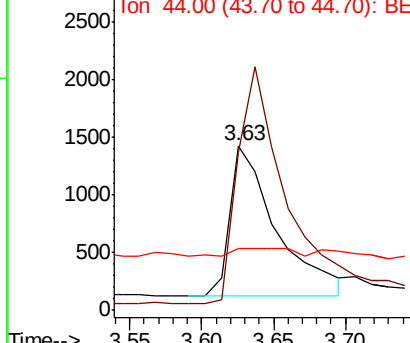
42 100

74 161.0 141.6 212.4

44 0.0 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: 1.839 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

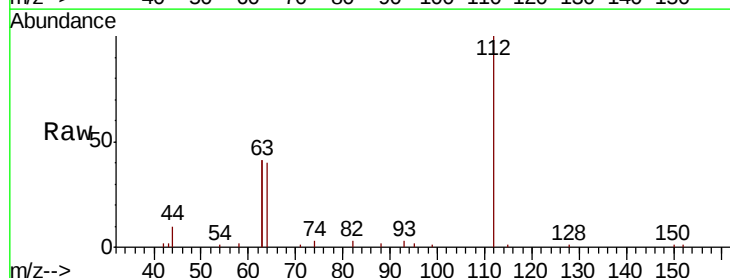
Tgt Ion: 112 Resp: 9516

Ion Ratio Lower Upper

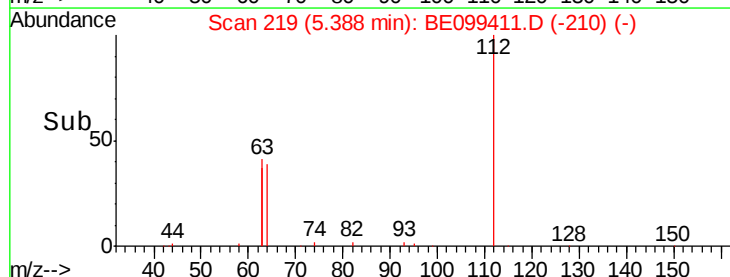
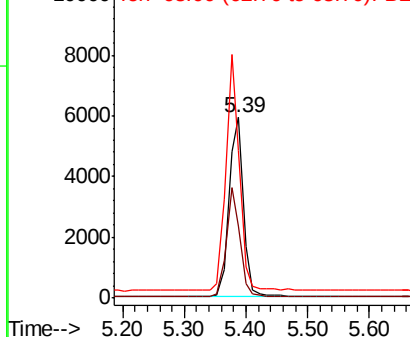
112 100

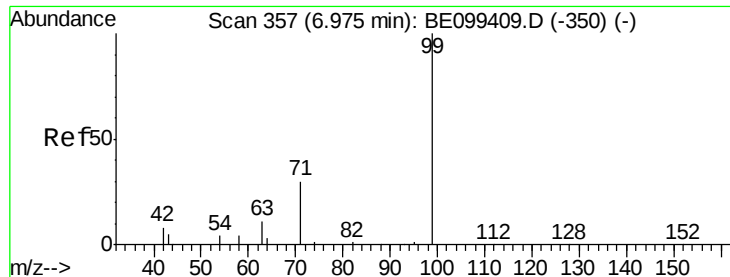
64 56.4 47.4 71.0

63 122.1 104.3 156.5



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: 1.749 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampled :

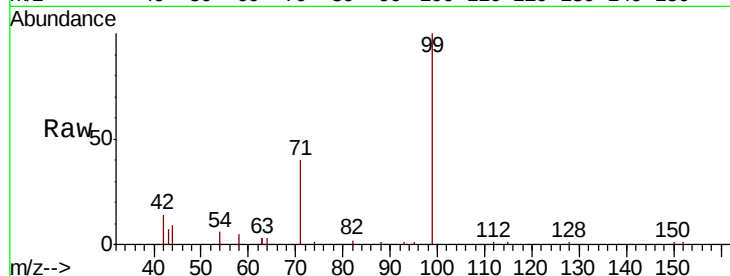
Tot Ion: 99 Resp: 12913

Ion Ratio Lower Upper

99 100

42 15.7 14.9 22.3

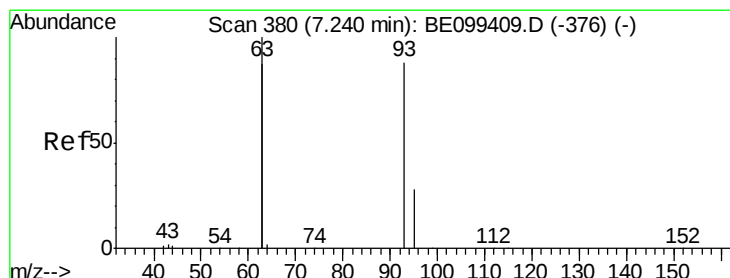
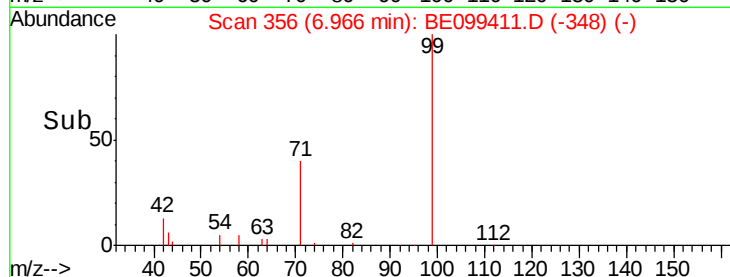
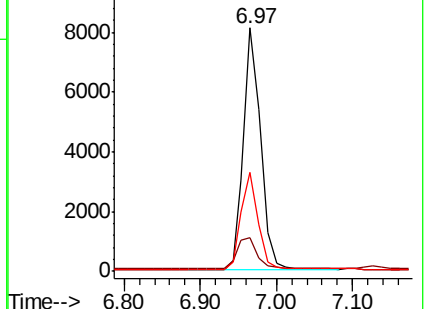
71 39.6 33.0 49.6



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: 1.606 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

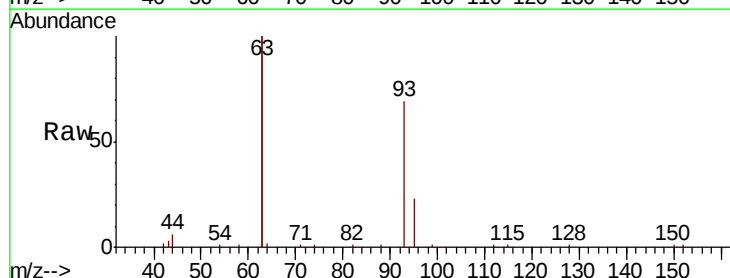
Tgt Ion: 93 Resp: 11059

Ion Ratio Lower Upper

93 100

63 270.4 215.6 323.4

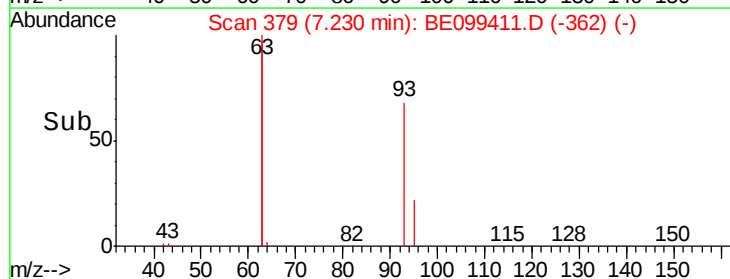
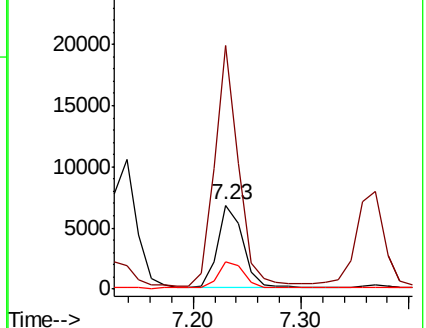
95 33.2 26.2 39.2

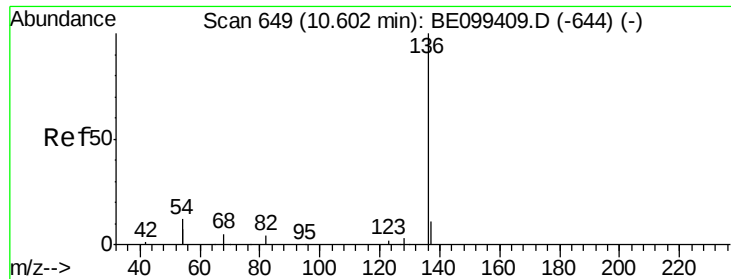


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8320

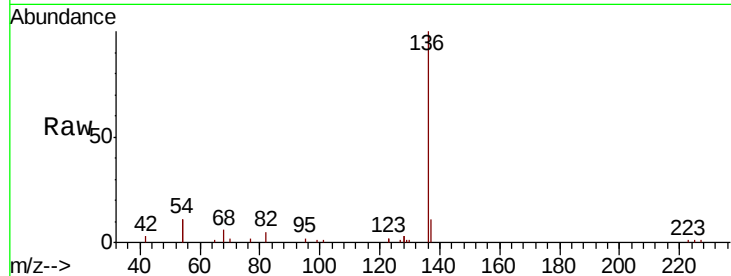
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 21.2 18.5 27.7

68 6.0 4.7 7.1

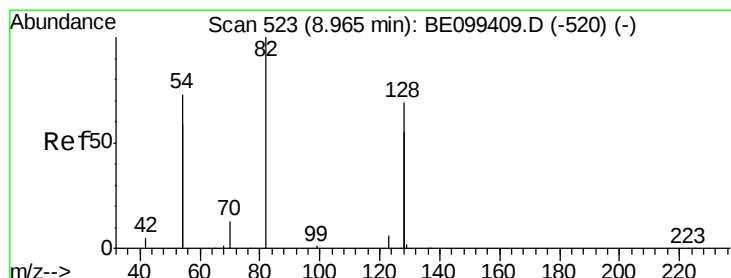
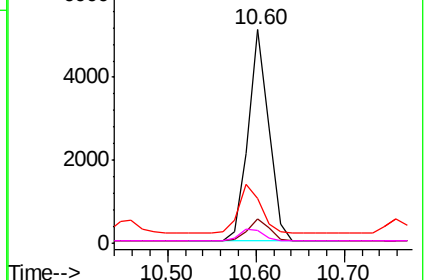
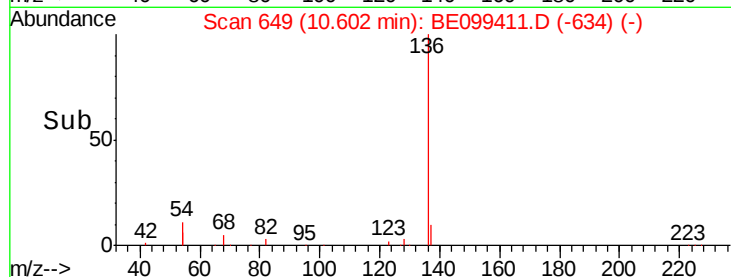


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.946 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

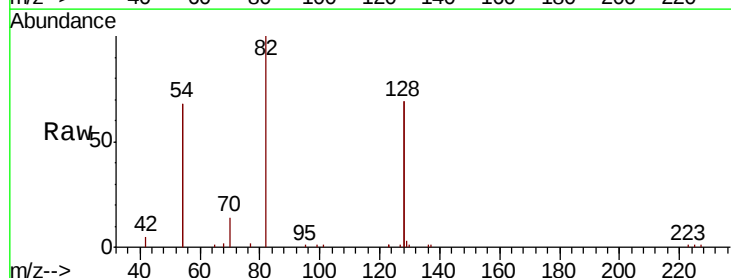
Tgt Ion: 82 Resp: 12571

Ion Ratio Lower Upper

82 100

128 138.7 107.0 160.4

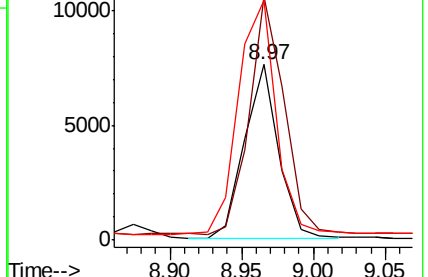
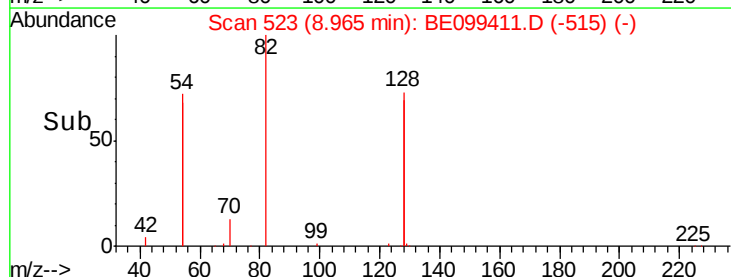
54 136.4 113.1 169.7

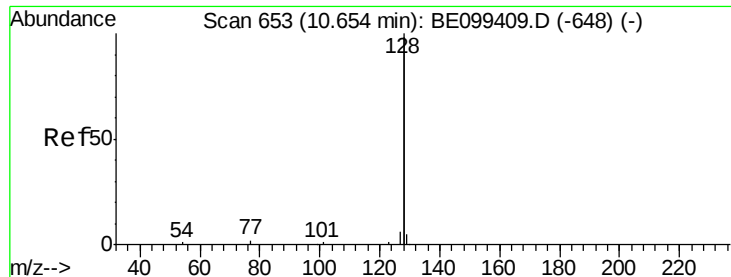


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.599 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

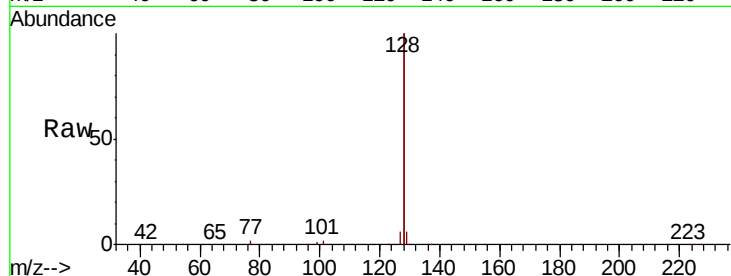
Tot Ion:128 Resp: 145146

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

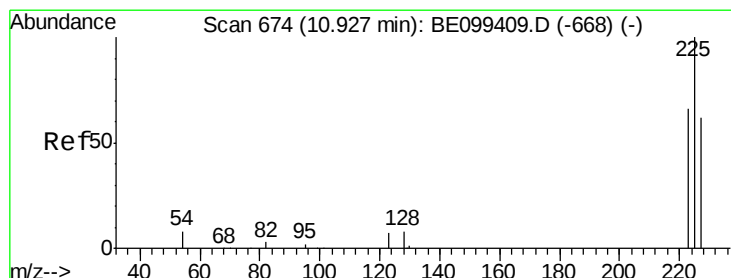
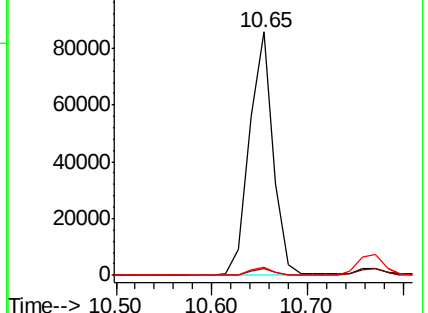
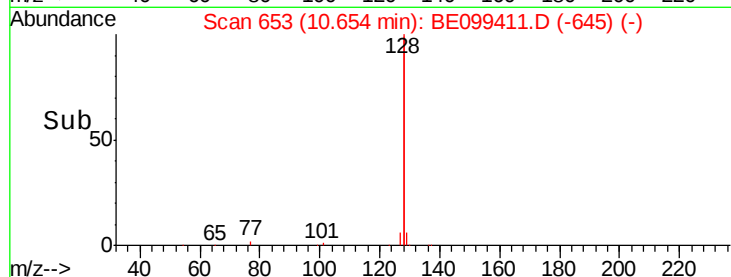
127 3.2 2.8 4.2



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: 1.724 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

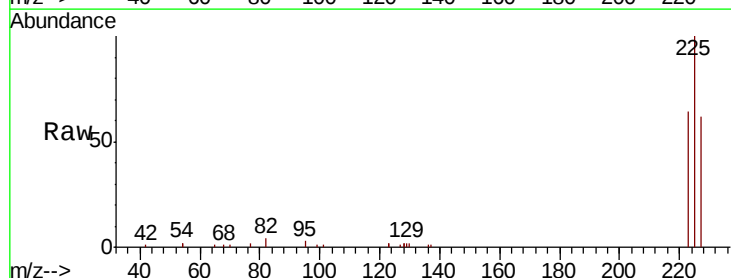
Tgt Ion:225 Resp: 9936

Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

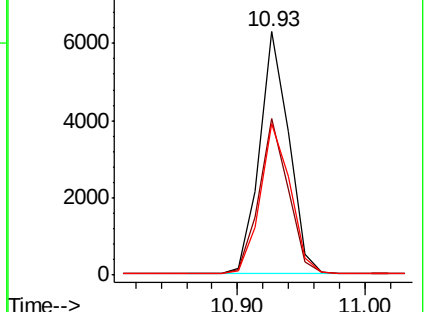
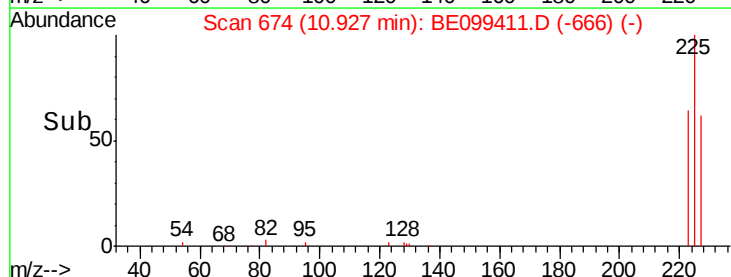
227 63.2 50.9 76.3

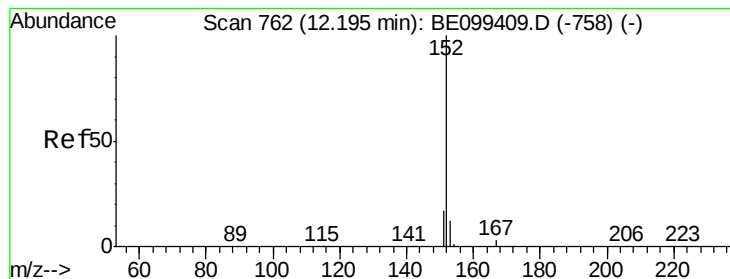


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.659 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

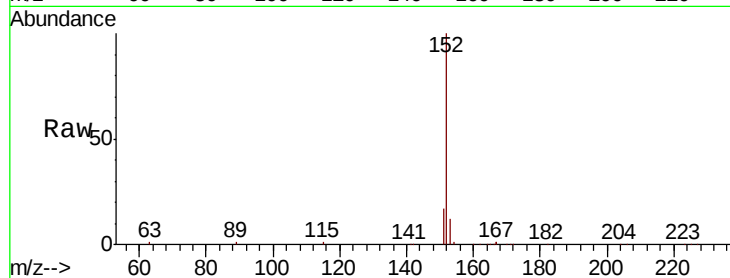
ClientSampleId :

Tot Ion:152 Resp: 24354

Ion Ratio Lower Upper

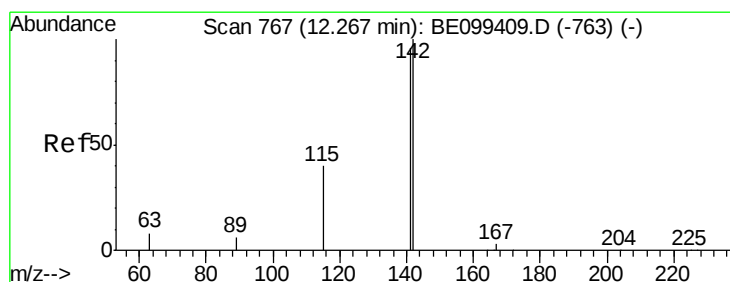
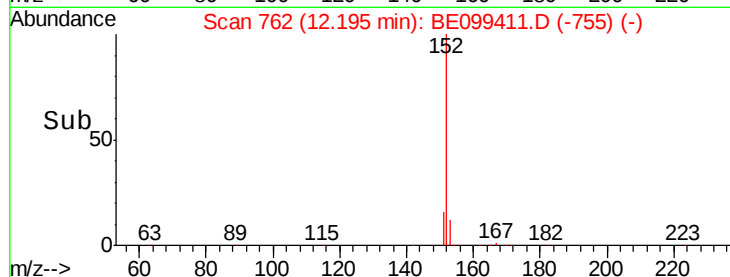
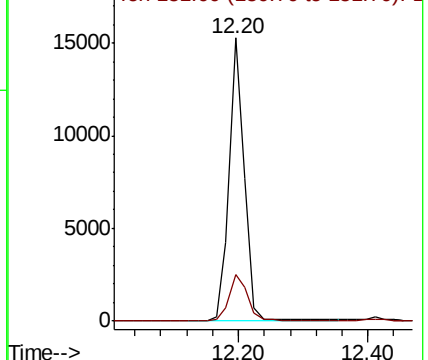
152 100

151 19.0 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: 1.687 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

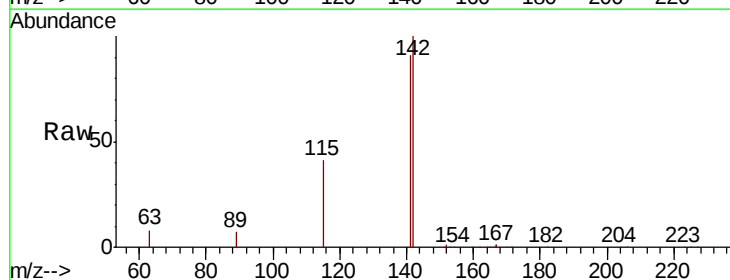
Tgt Ion:142 Resp: 26048

Ion Ratio Lower Upper

142 100

141 91.4 77.0 115.4

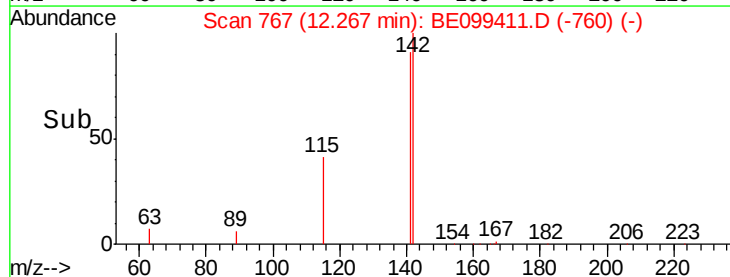
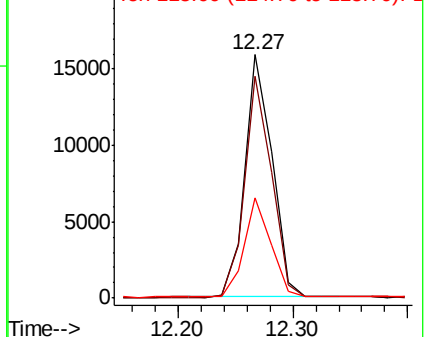
115 41.4 33.4 50.0

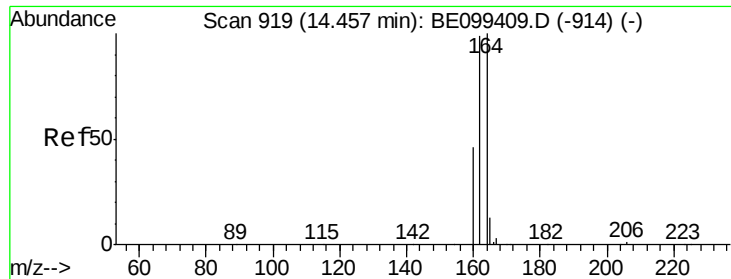


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

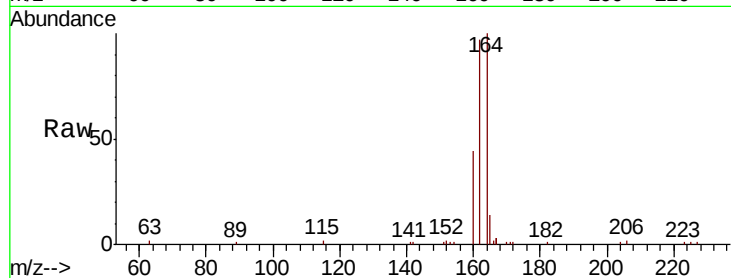




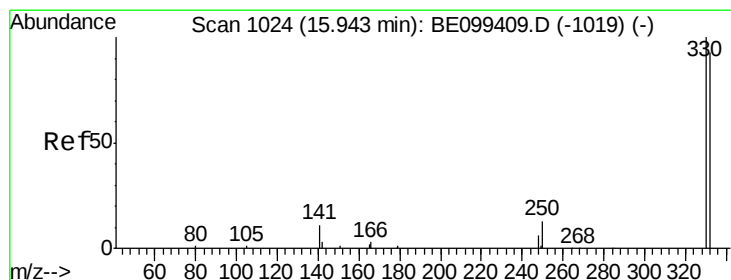
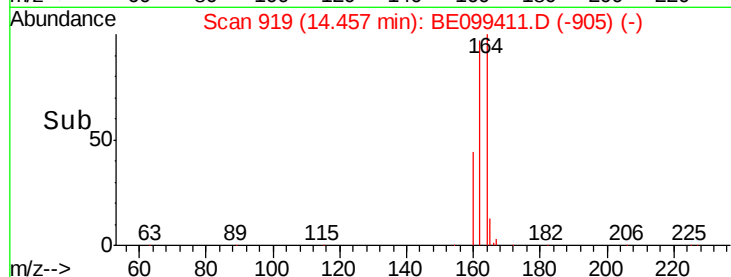
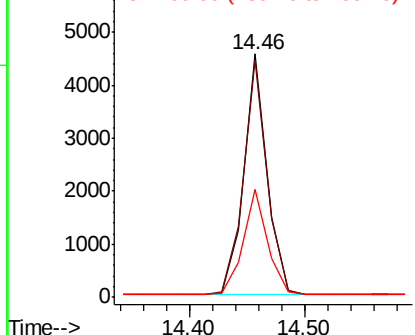
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099411.D
 Acq: 29 Apr 2019 16:42

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 6348
 Ion Ratio Lower Upper
 164 100
 162 97.5 79.0 118.4
 160 44.5 37.0 55.4

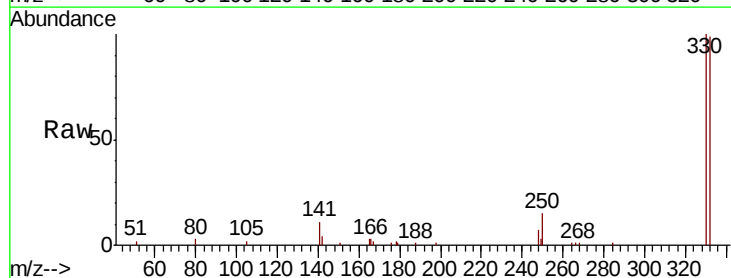


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

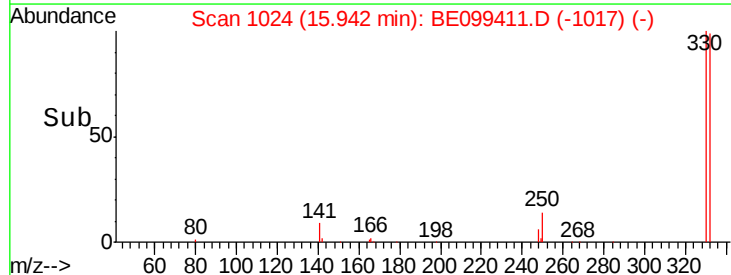
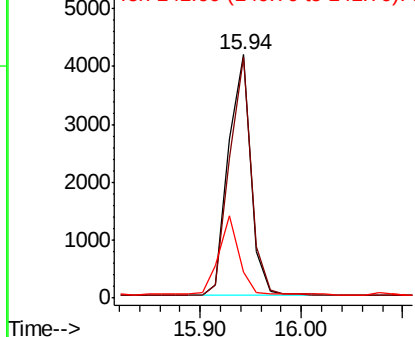


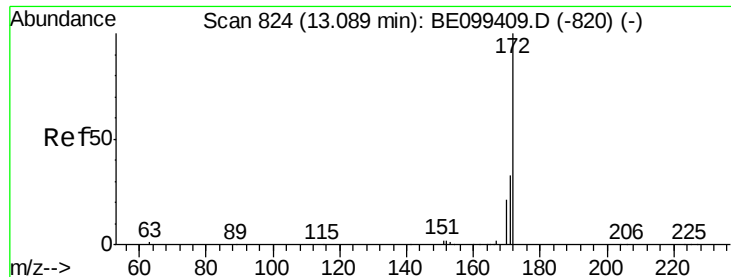
#14
 2,4,6-Tribromophenol
 Concen: 3.042 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099411.D
 Acq: 29 Apr 2019 16:42

Tgt Ion:330 Resp: 6414
 Ion Ratio Lower Upper
 330 100
 332 96.6 71.5 107.3
 141 28.8 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

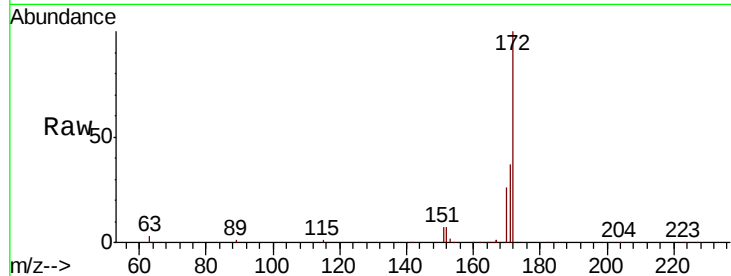




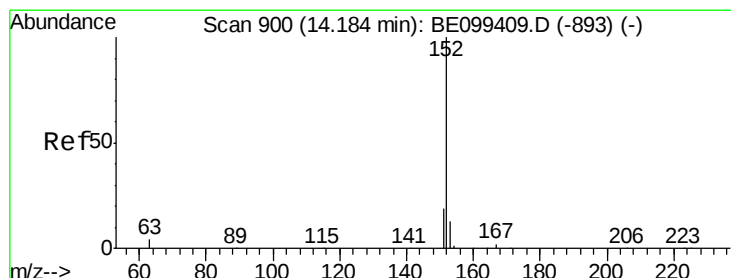
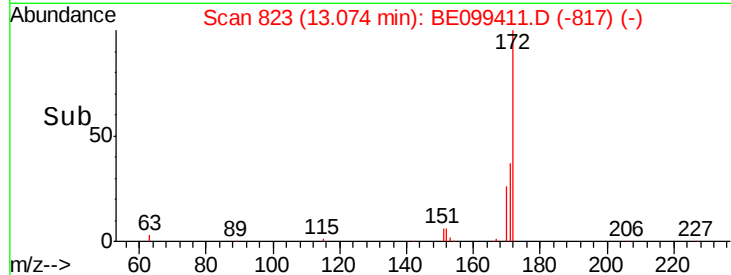
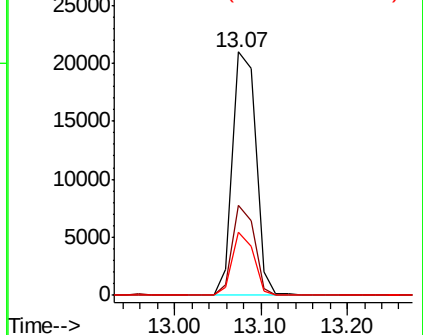
#15
2-Fluorobiphenyl
Concen: 1.555 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 38805
Ion Ratio Lower Upper
172 100
171 36.8 26.6 39.8
170 25.7 17.0 25.6#

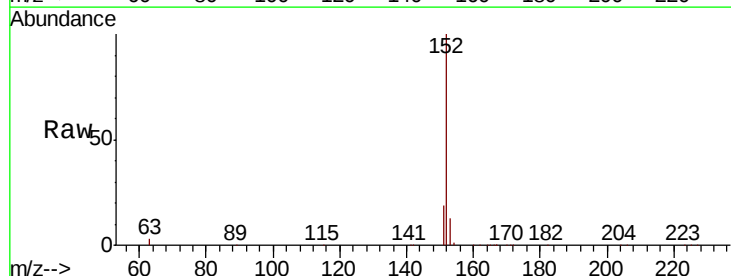


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

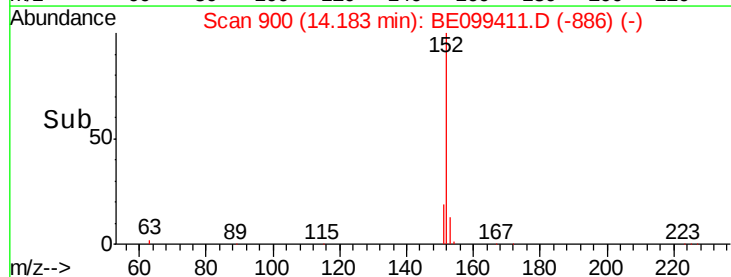
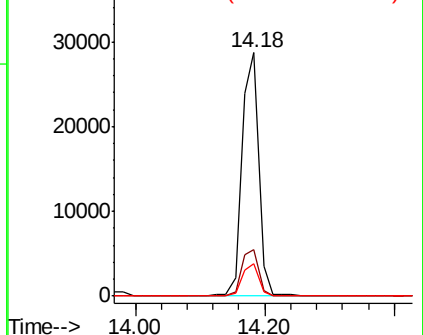


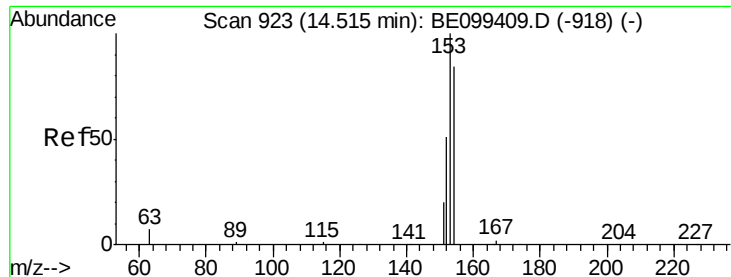
#16
Acenaphthylene
Concen: 1.780 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:152 Resp: 51068
Ion Ratio Lower Upper
152 100
151 19.5 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: 1.592 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampled :

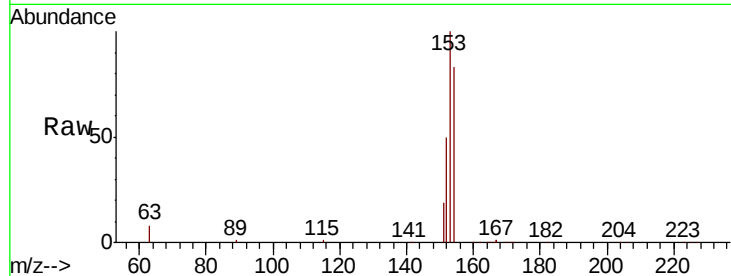
Tot Ion:154 Resp: 28149

Ion Ratio Lower Upper

154 100

153 115.0 92.6 138.8

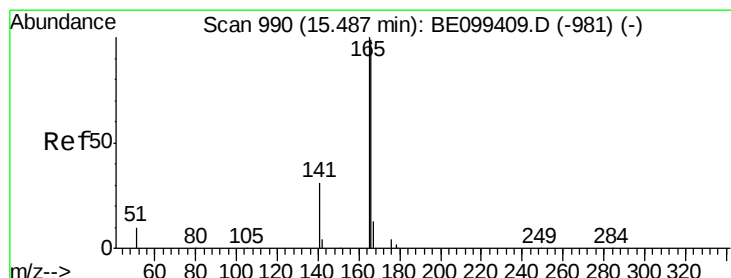
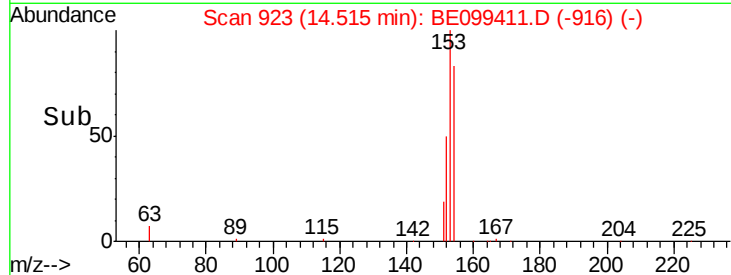
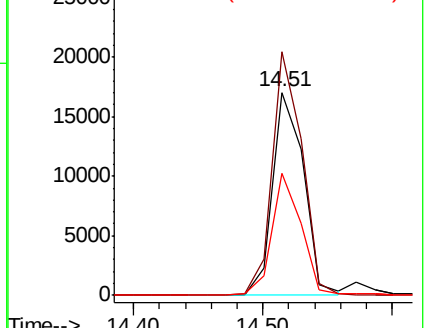
152 56.1 45.8 68.8



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: 1.645 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

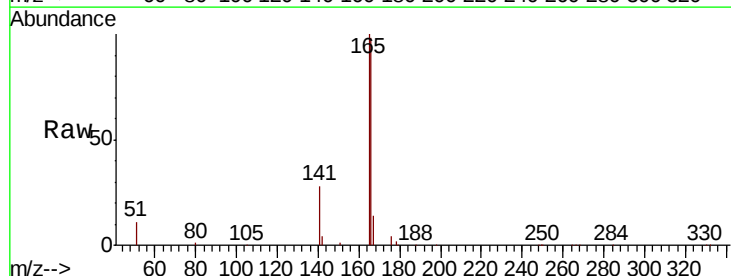
Tgt Ion:166 Resp: 41780

Ion Ratio Lower Upper

166 100

165 99.8 80.3 120.5

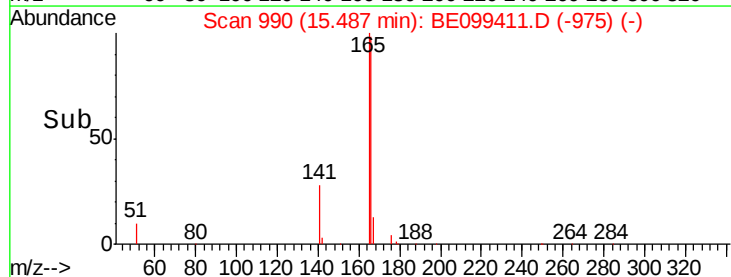
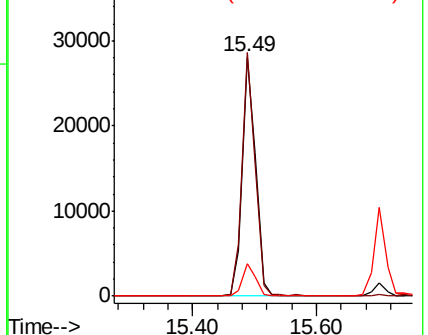
167 13.6 10.7 16.1

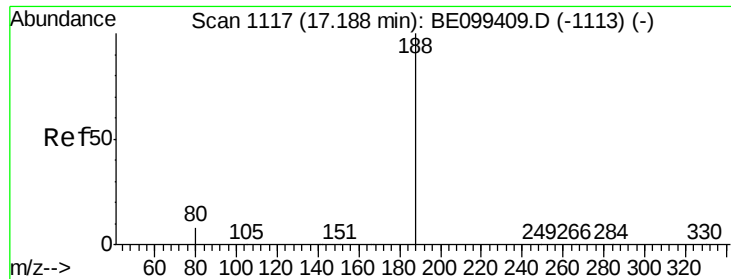


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

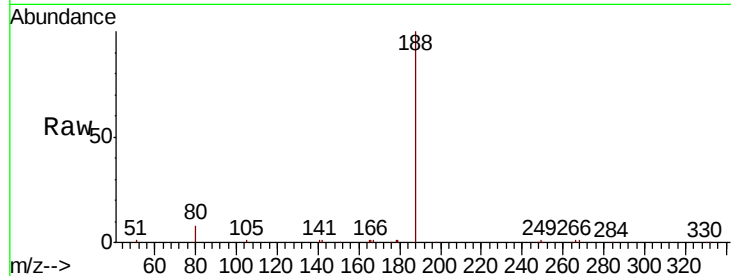
Tot Ion:188 Resp: 18673

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

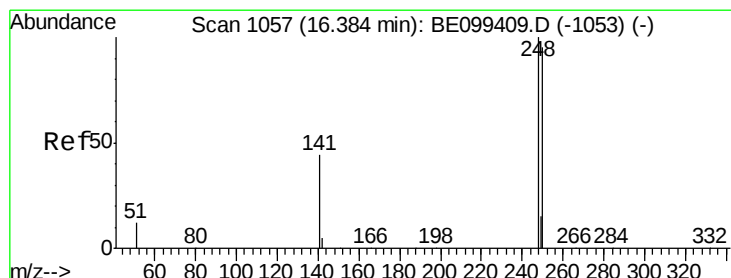
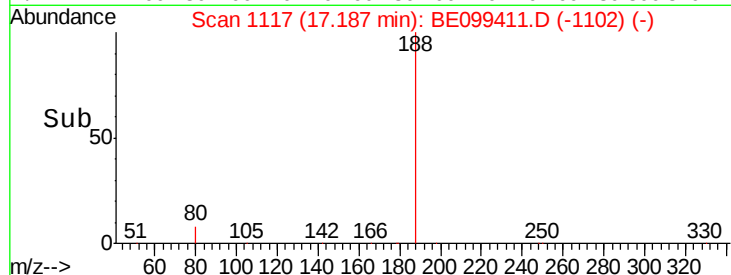
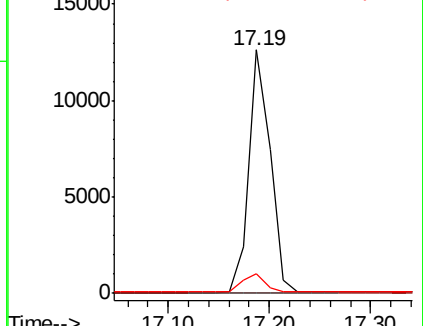
80 8.1 6.7 10.1



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: 1.717 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

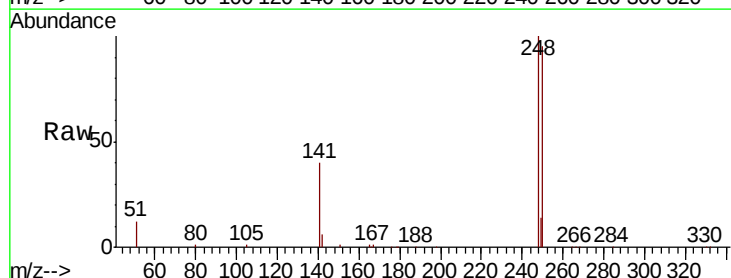
Tgt Ion:248 Resp: 17767

Ion Ratio Lower Upper

248 100

250 94.8 75.8 113.8

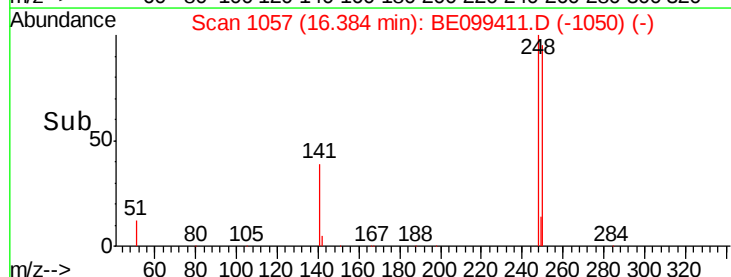
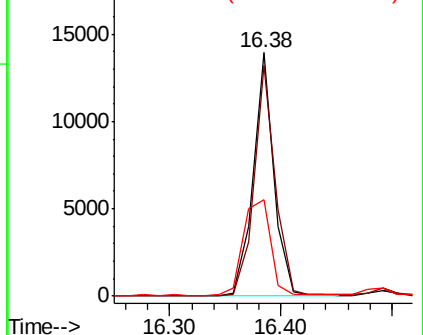
141 39.5 35.7 53.5

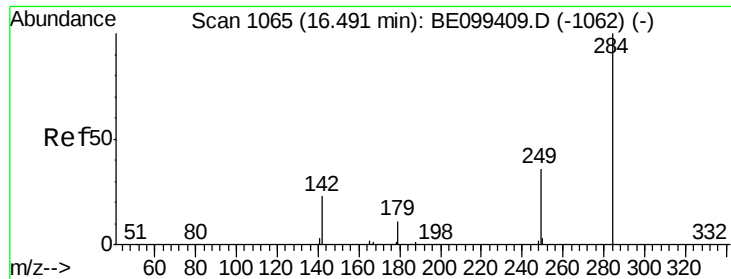


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.682 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

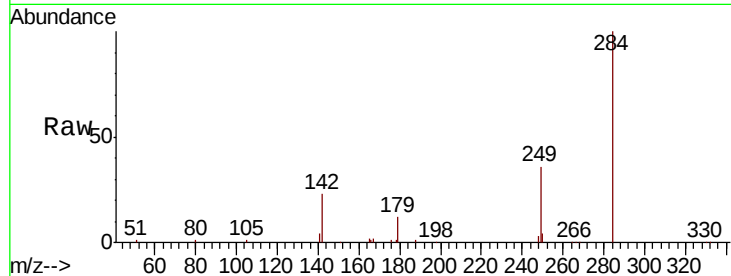
Tot Ion:284 Resp: 16722

Ion Ratio Lower Upper

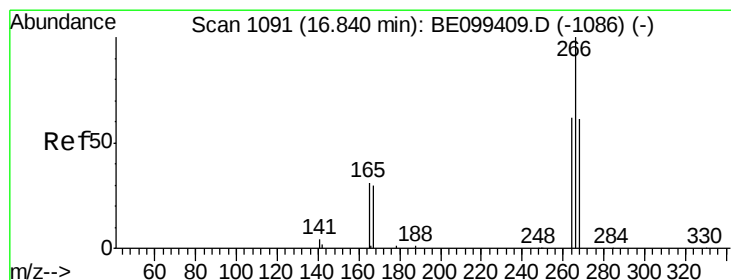
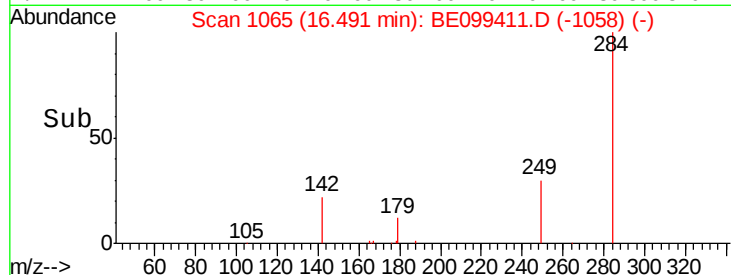
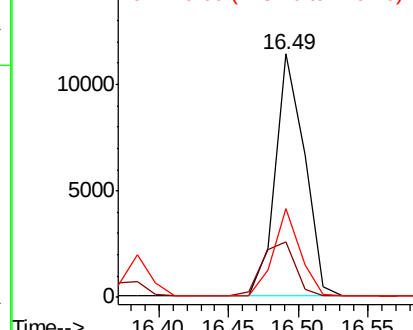
284 100

142 25.4 21.0 31.6

249 33.2 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: 2.855 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

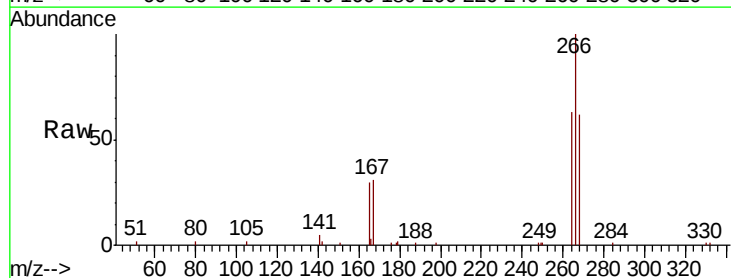
Tgt Ion:266 Resp: 7652

Ion Ratio Lower Upper

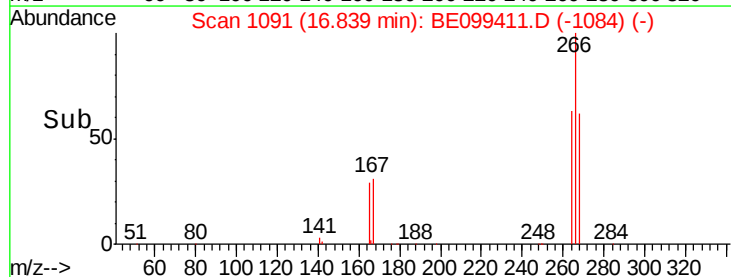
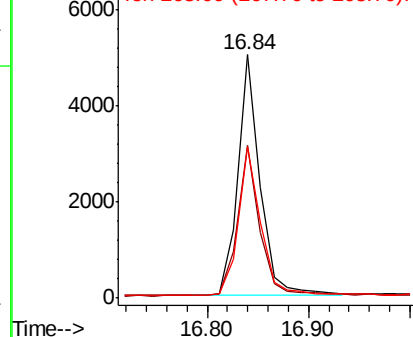
266 100

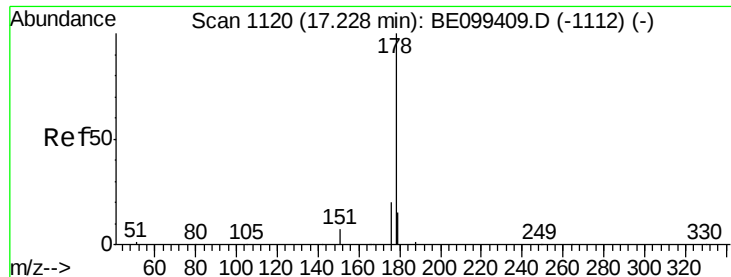
264 62.9 50.8 76.2

268 62.1 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: 1.577 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

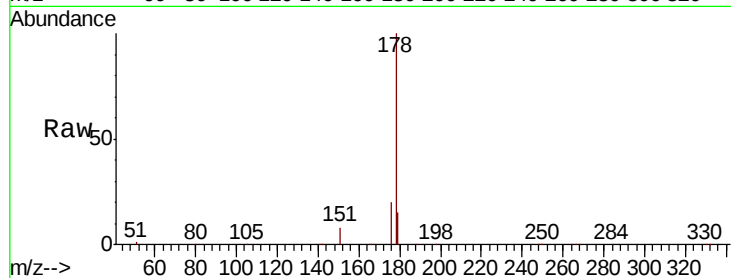
Tot Ion:178 Resp: 77994

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

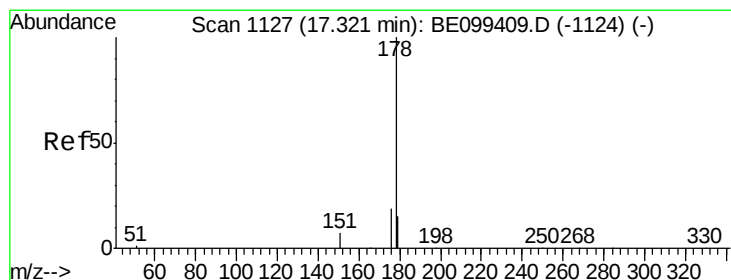
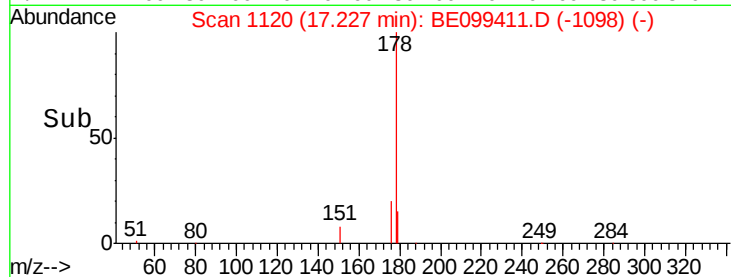
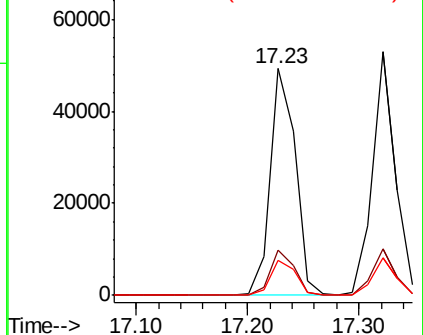
179 15.4 12.0 18.0



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: 1.712 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

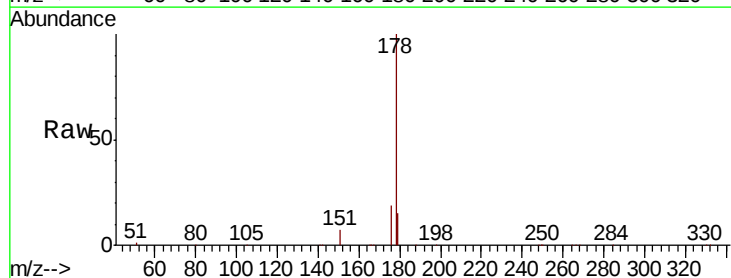
Tgt Ion:178 Resp: 75318

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

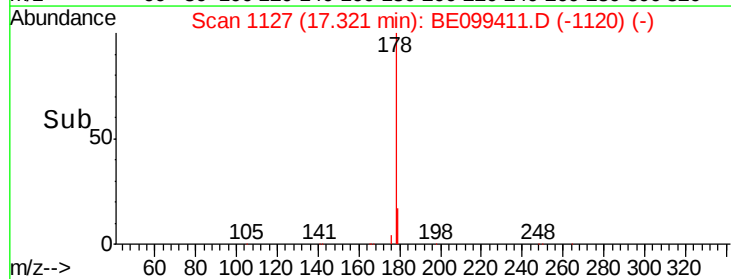
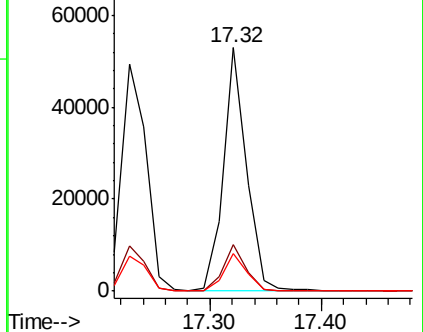
179 15.3 11.9 17.9

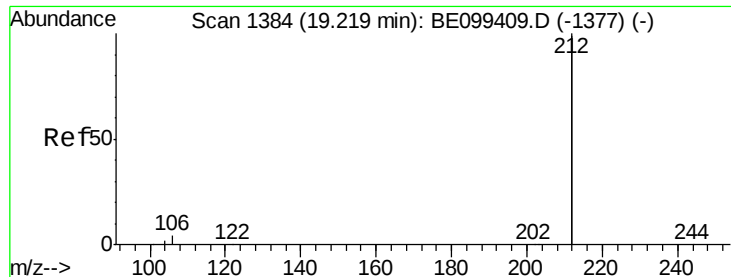


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.804 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

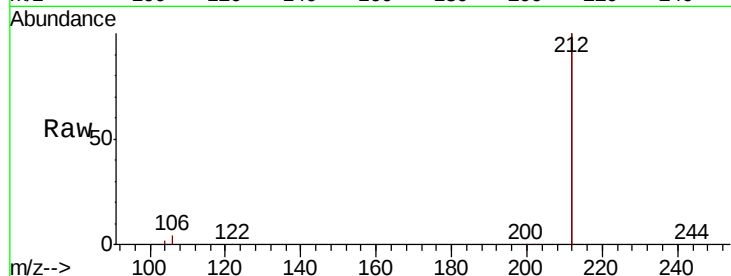
Tot Ion:212 Resp: 404707

Ion Ratio Lower Upper

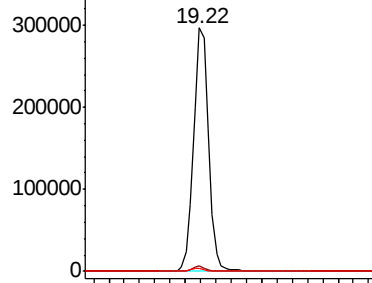
212 100

106 1.9 1.5 2.3

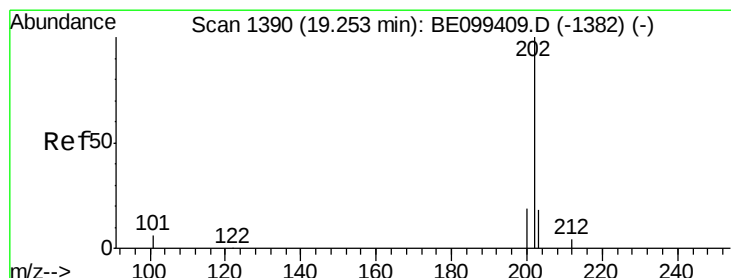
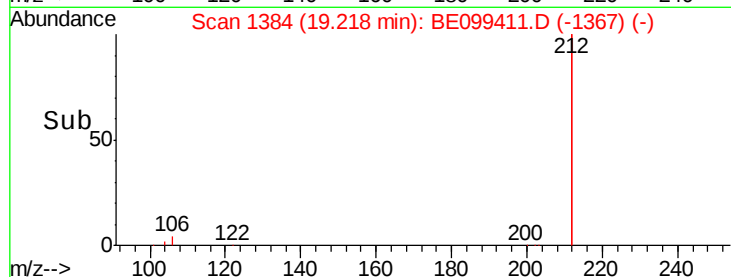
104 1.1 0.9 1.3



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



Time-->



#26

Fluoranthene

Concen: 1.764 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

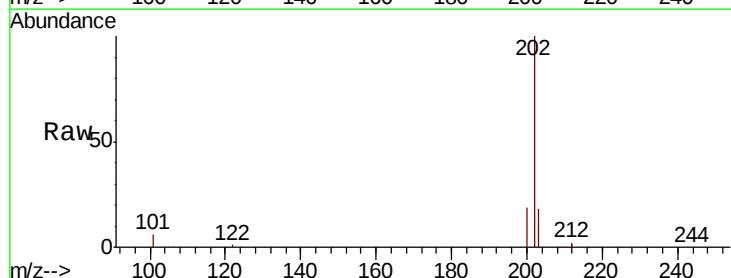
Tgt Ion:202 Resp: 116757

Ion Ratio Lower Upper

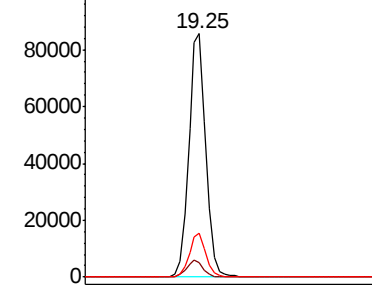
202 100

101 6.9 5.4 8.0

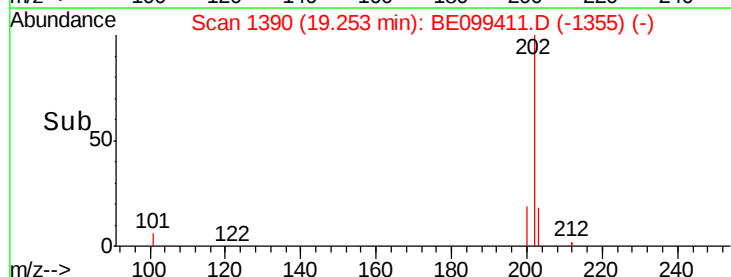
203 17.4 13.9 20.9

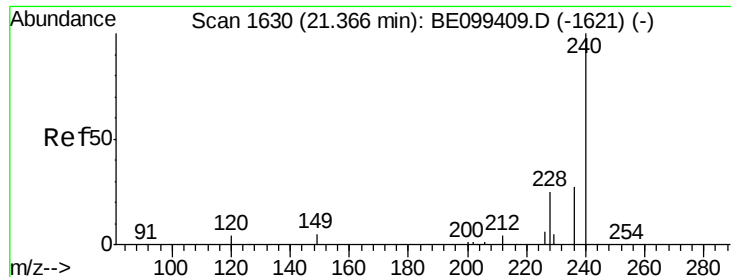


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->

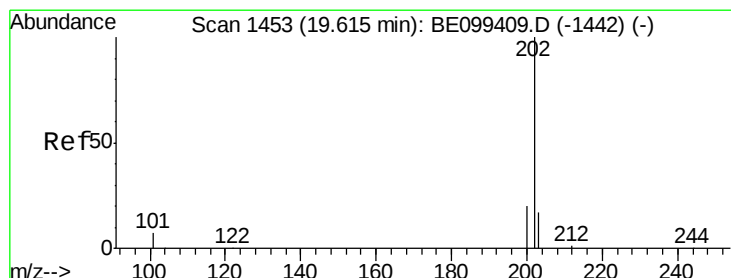
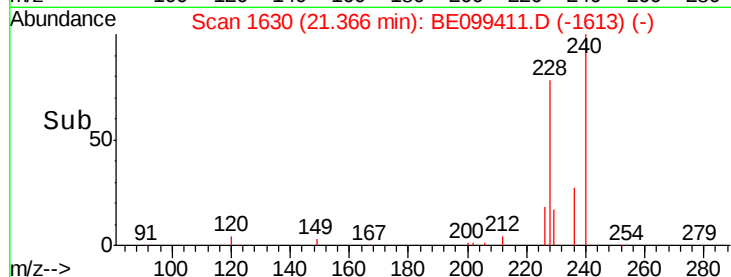
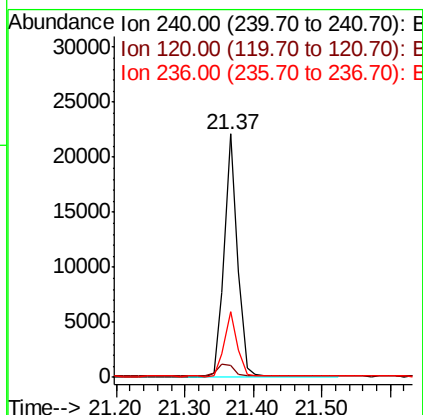
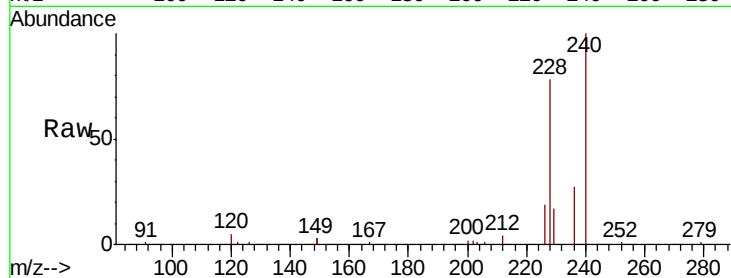




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

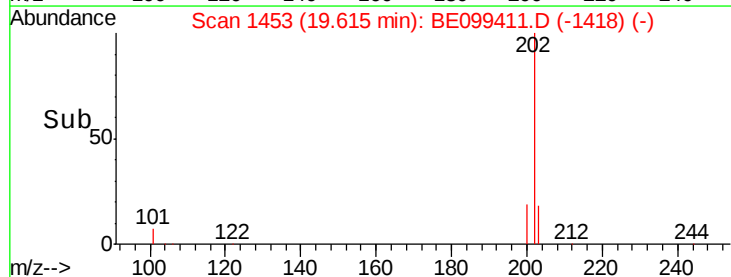
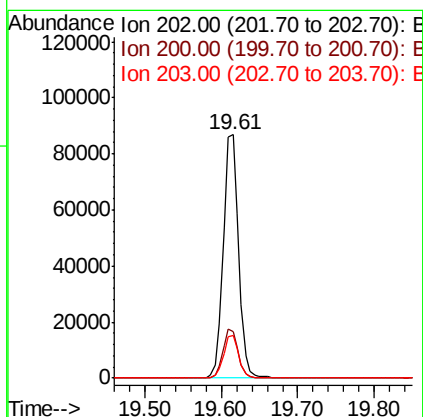
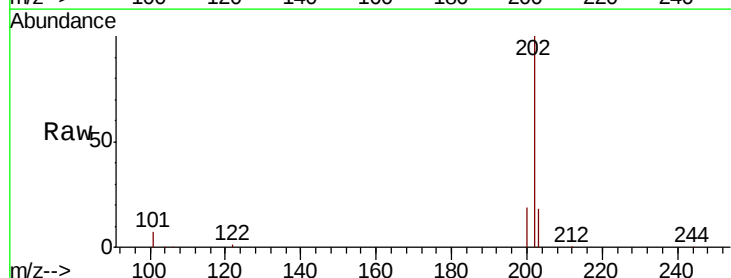
Instrument :
BNA_E
ClientSampleId :

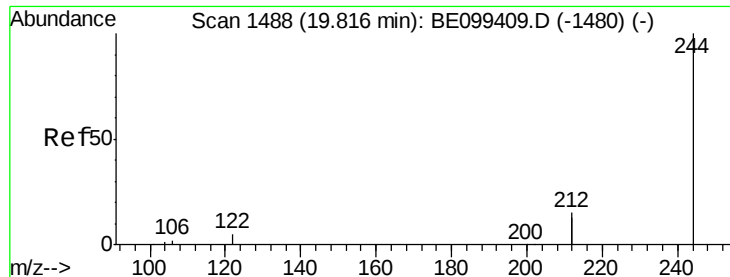
Tot Ion:240 Resp: 29733
Ion Ratio Lower Upper
240 100
120 4.7 4.0 6.0
236 27.0 22.0 33.0



#28
Pyrene
Concen: 1.378 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:202 Resp: 120701
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 1.450 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

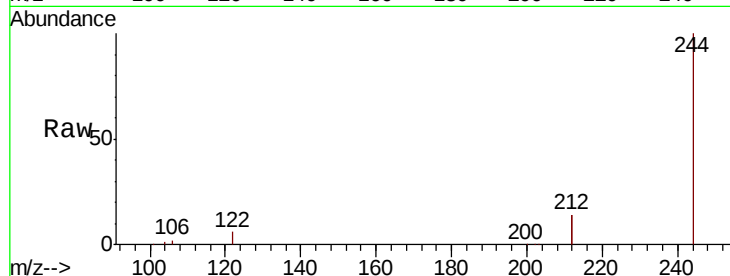
Tot Ion:244 Resp: 84833

Ion Ratio Lower Upper

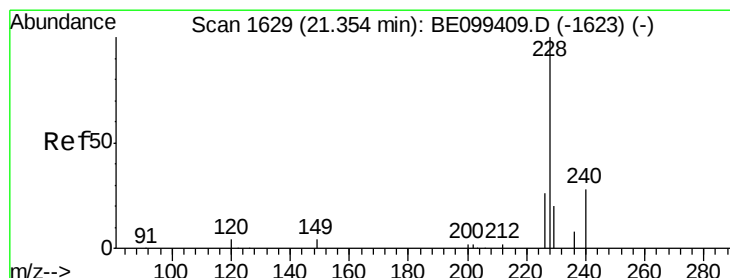
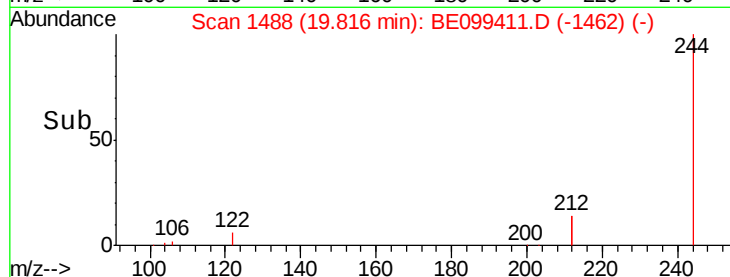
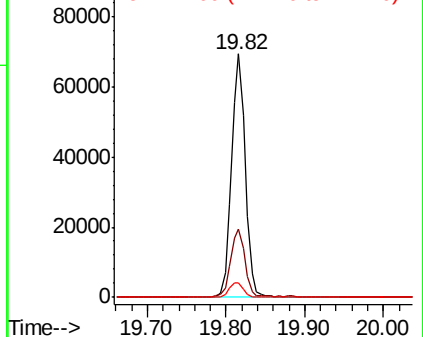
244 100

212 28.1 23.2 34.8

122 5.7 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: 1.674 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

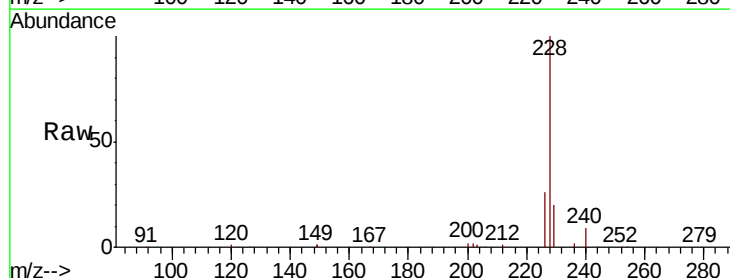
Tgt Ion:228 Resp: 146328

Ion Ratio Lower Upper

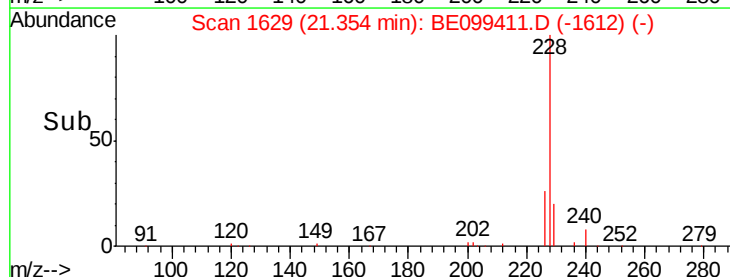
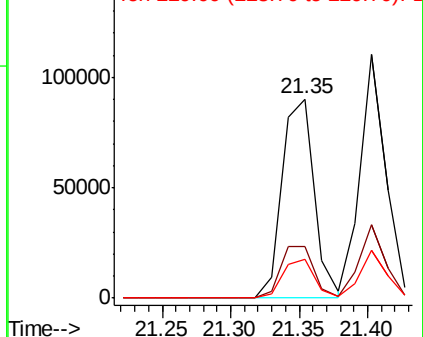
228 100

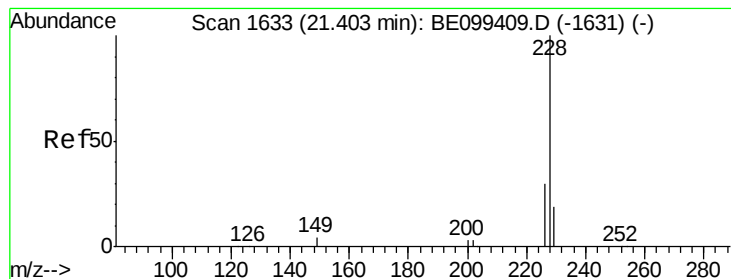
226 26.1 21.0 31.6

229 19.8 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: 1.546 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

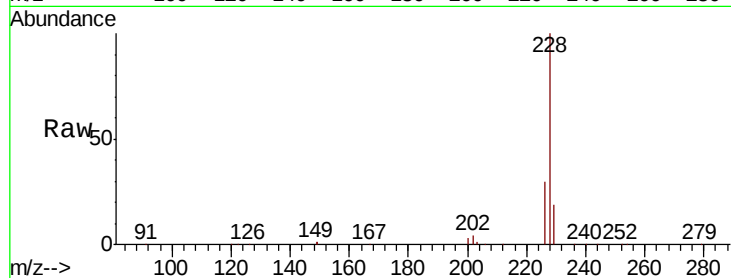
Tot Ion:228 Resp: 143783

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

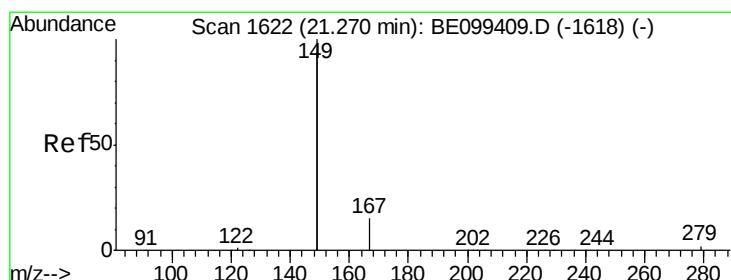
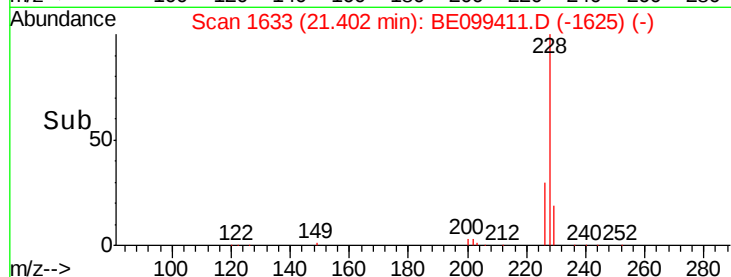
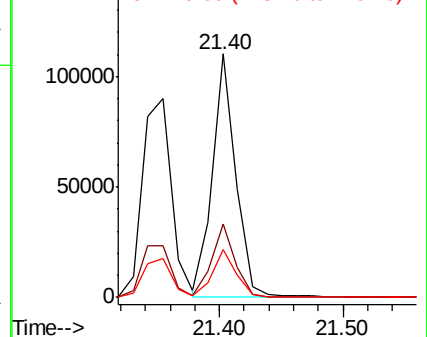
229 19.4 15.8 23.8



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: 2.665 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

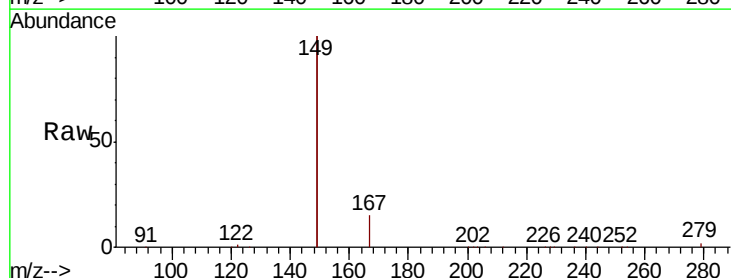
Tgt Ion:149 Resp: 212000

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

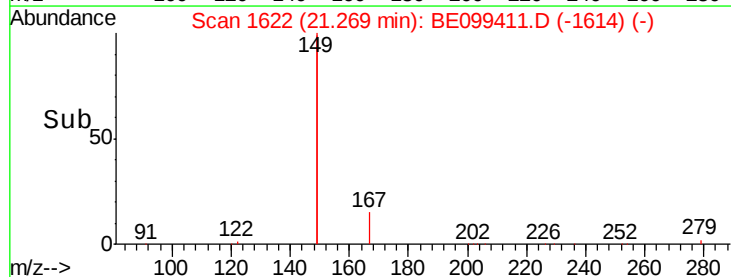
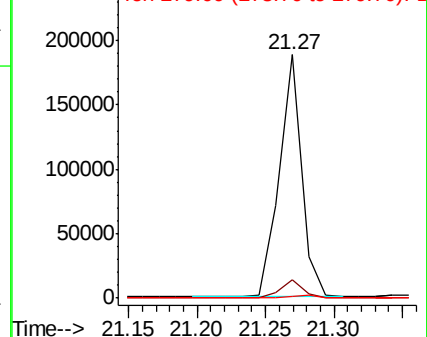
279 1.3 1.0 1.6

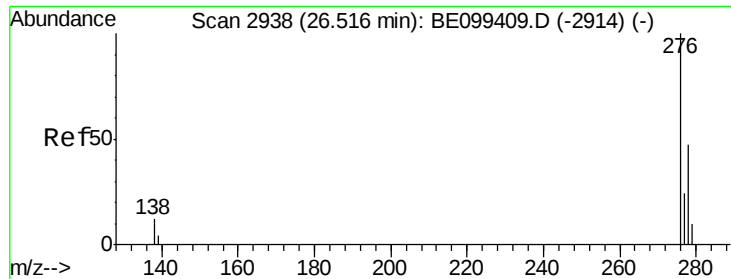


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.820 ng

RT: 26.52 min Scan# 2938

Delta R.T. 0.00 min

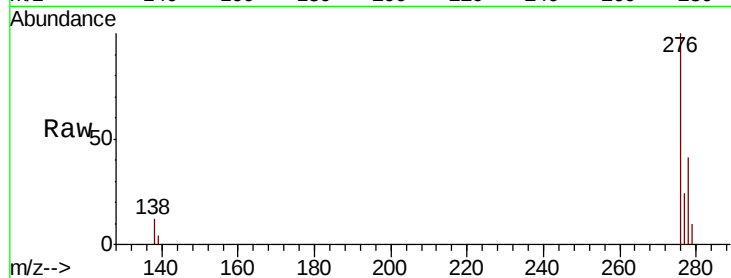
Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :



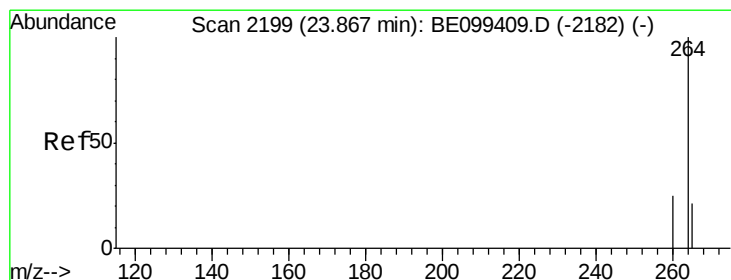
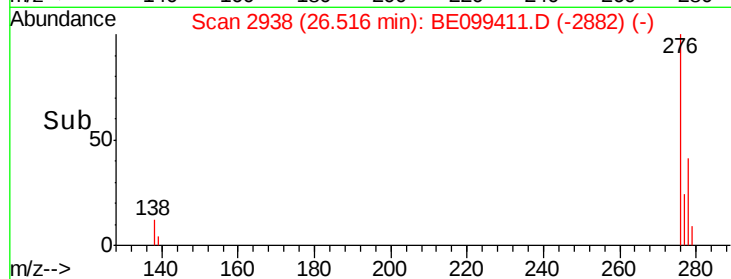
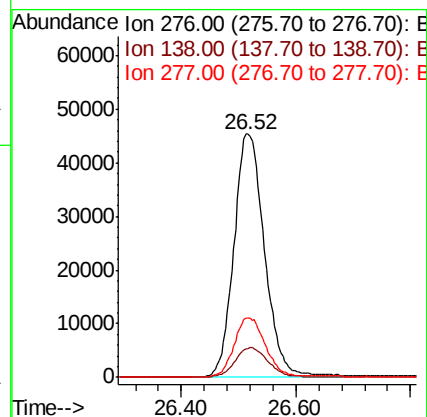
Tot Ion:276 Resp: 167219

Ion Ratio Lower Upper

276 100

138 12.7 10.2 15.2

277 24.6 19.2 28.8



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.87 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

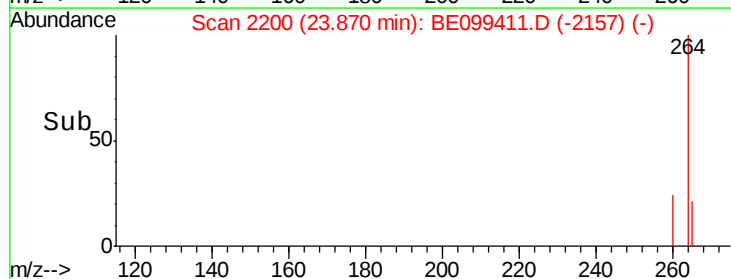
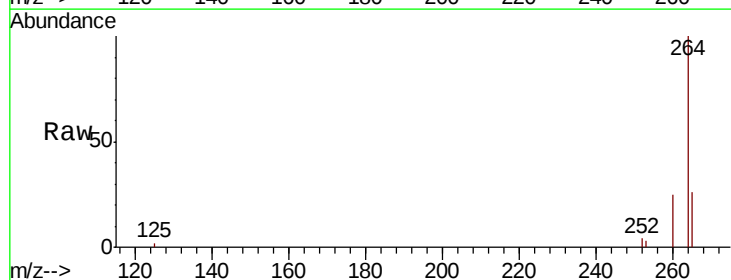
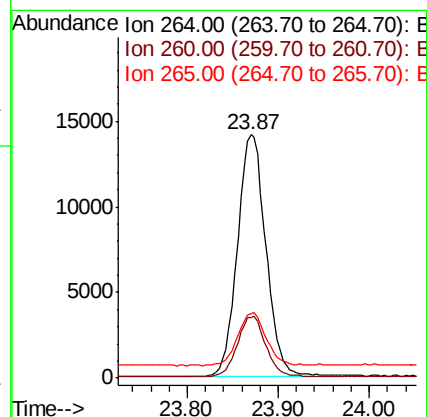
Tgt Ion:264 Resp: 30782

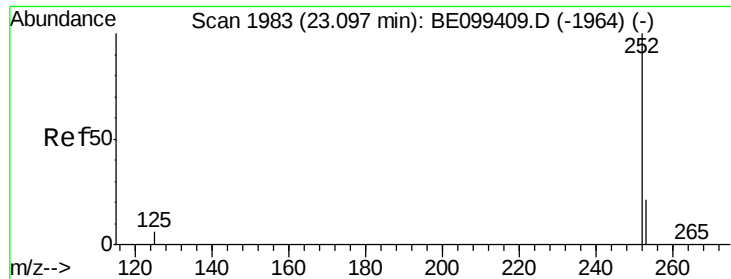
Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 26.3 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 1.513 ng

RT: 23.10 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

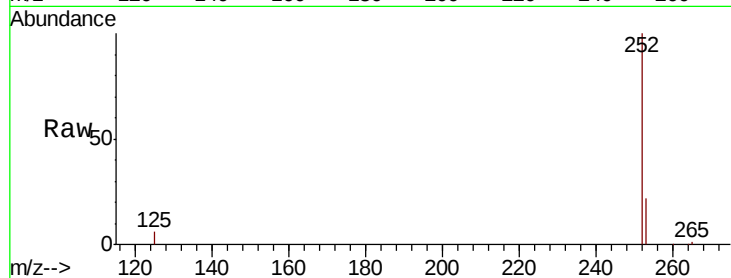
Tot Ion:252 Resp: 142596

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

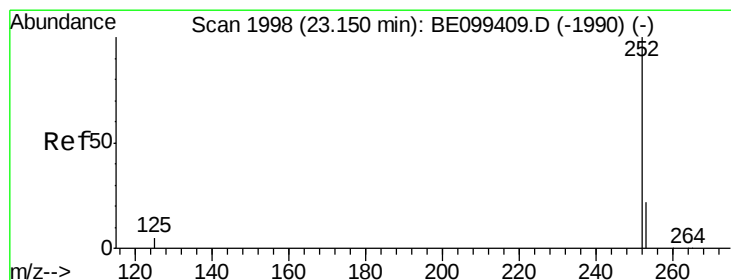
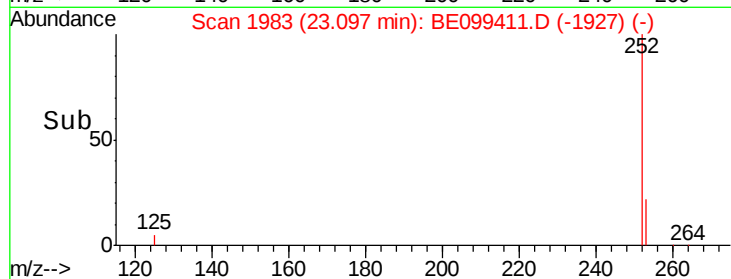
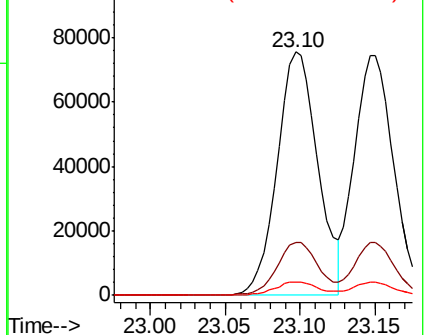
125 5.6 5.6 8.4



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: 1.447 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

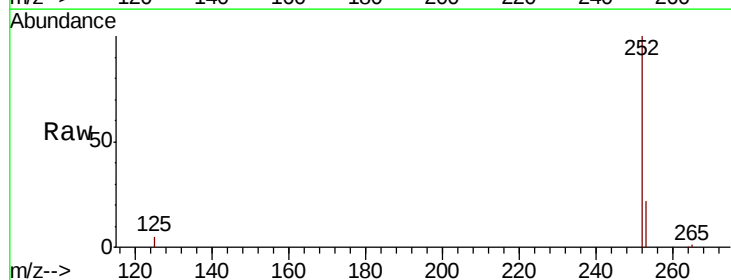
Tgt Ion:252 Resp: 135912

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

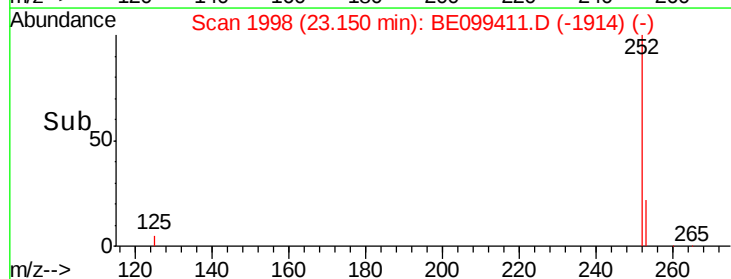
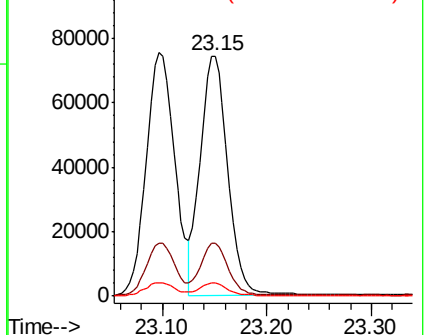
125 5.4 5.0 7.4

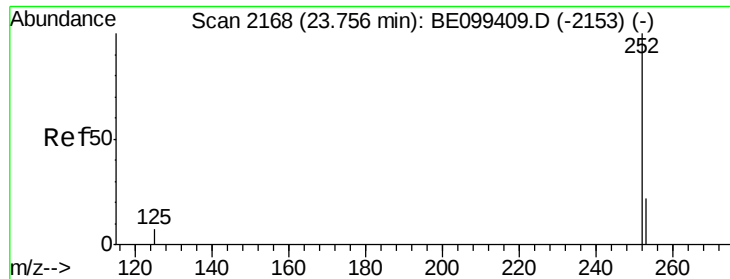


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.582 ng

RT: 23.76 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :

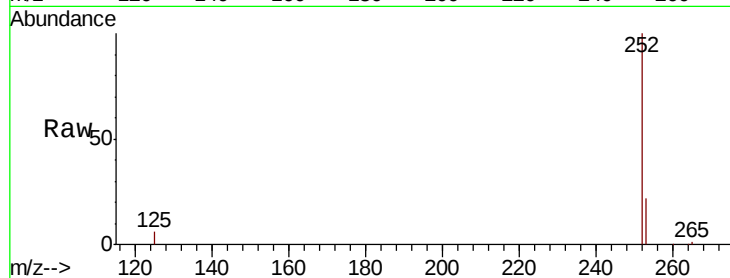
Tot Ion:252 Resp: 133531

Ion Ratio Lower Upper

252 100

253 22.5 18.9 28.3

125 6.5 6.7 10.1#

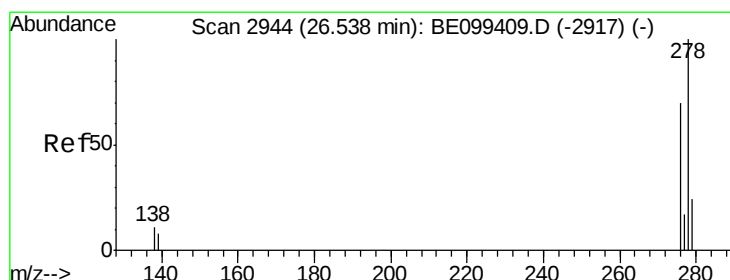
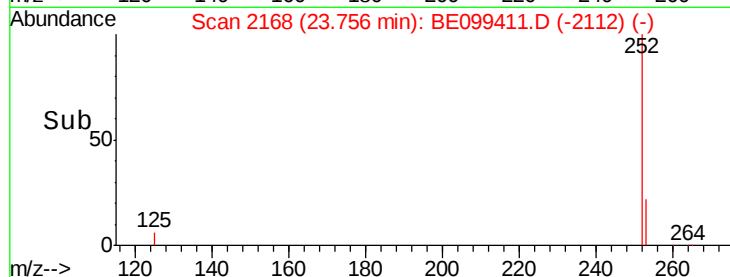
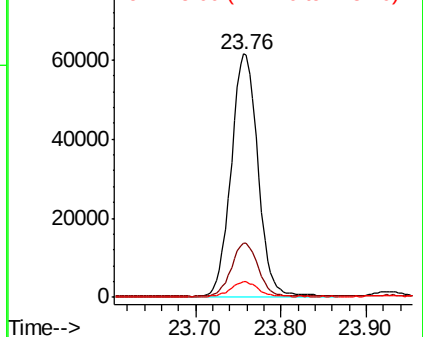


Abundance

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: 1.595 ng

RT: 26.54 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

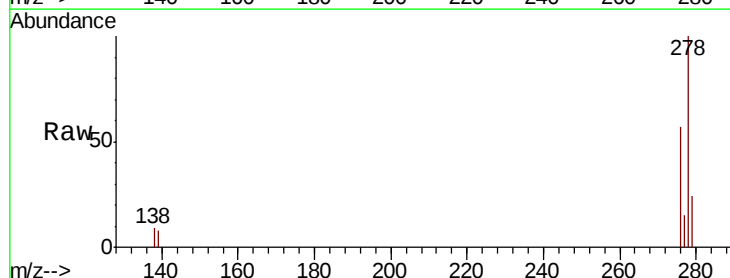
Tgt Ion:278 Resp: 137591

Ion Ratio Lower Upper

278 100

139 8.4 7.7 11.5

279 23.8 20.2 30.2

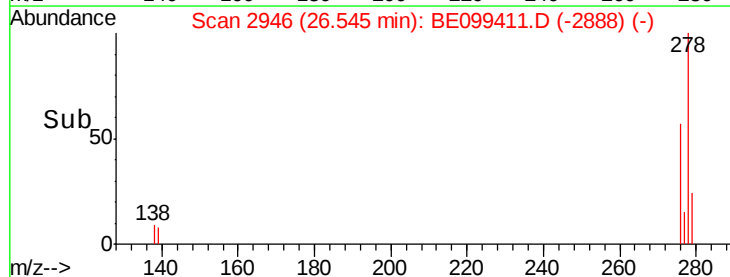
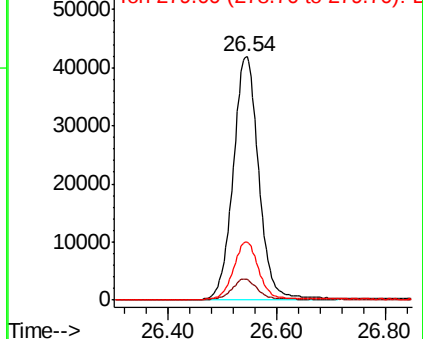


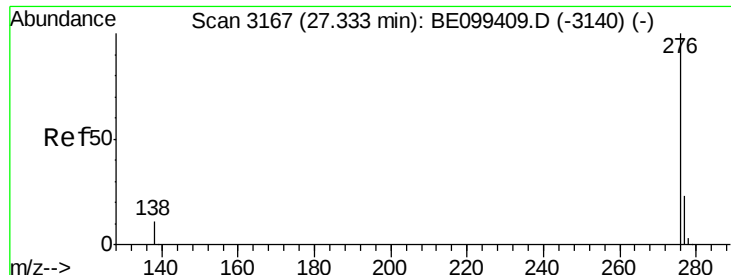
Abundance

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(a,h,i)perylene

Concen: 1.557 ng

RT: 27.33 min Scan# 3167

Delta R.T. 0.00 min

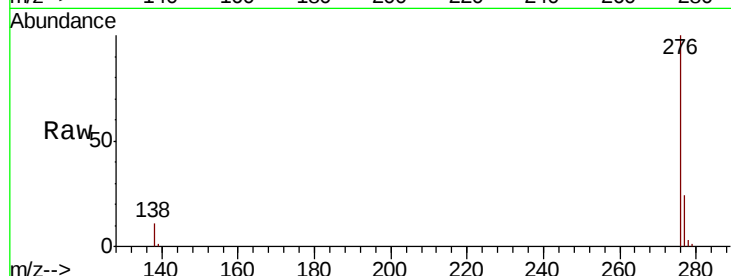
Lab File: BE099411.D

Acq: 29 Apr 2019 16:42

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 136267

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 11.4 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

