

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
 Data File : BE099409.D
 Acq On : 29 Apr 2019 15:30
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 29 16:51:24 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	7.82	152	2388	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8611	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6312	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19211	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26686	0.40	ng	0.00
34) Perylene-d12	23.87	264	31765	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2528	0.43	ng	0.00
5) Phenol-d6	6.97	99	3440	0.41	ng	0.00
8) Nitrobenzene-d5	8.96	82	3241	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	6148	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1541	0.73	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	9852	0.40	ng	0.00
25) Fluoranthene-d10	19.22	212	103728	0.45	ng	0.00
29) Terphenyl-d14	19.82	244	21982	0.42	ng	0.00

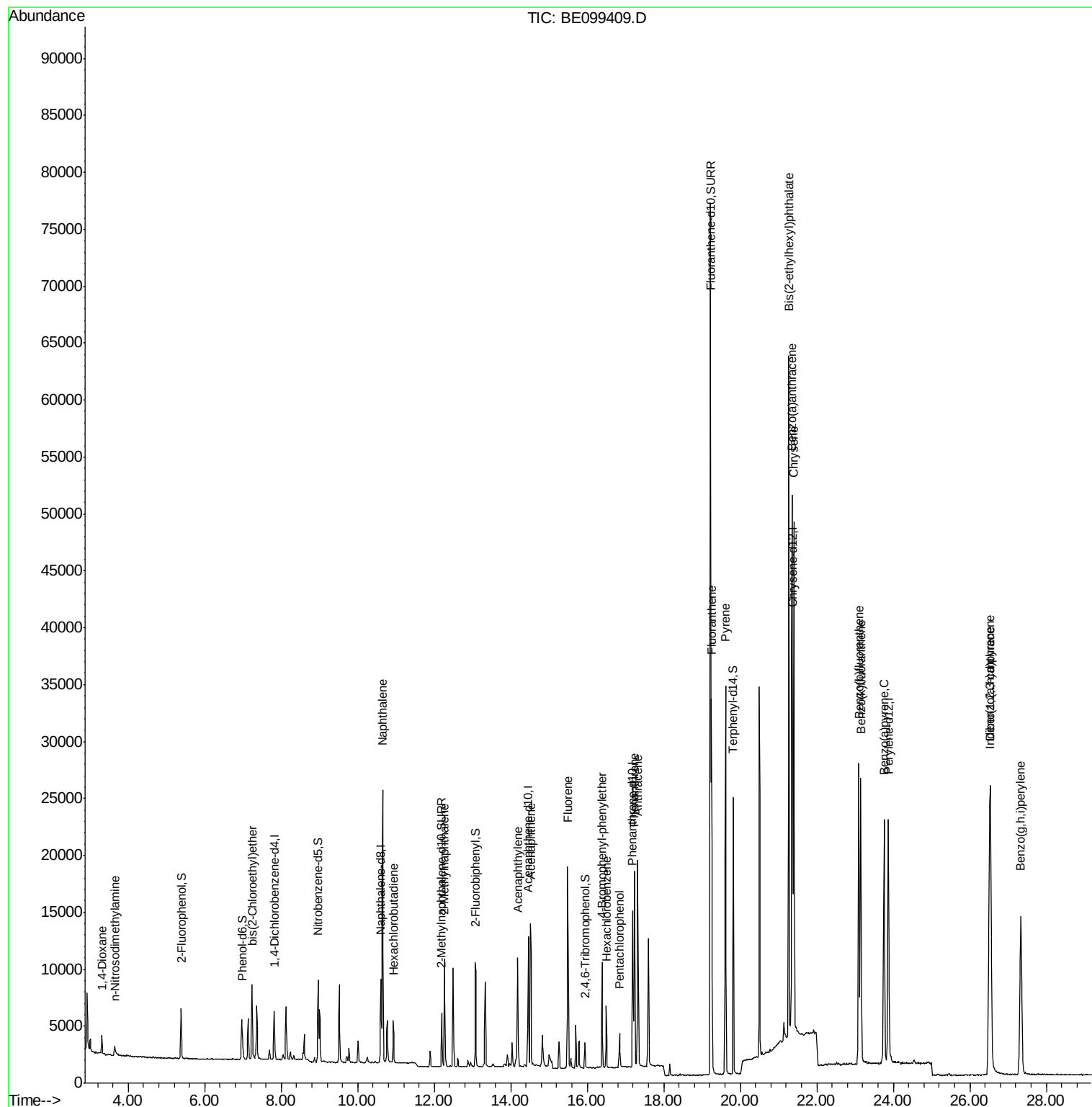
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1131	0.338	ng	97
3) n-Nitrosodimethylamine	3.65	42	701	0.390	ng	# 93
6) bis(2-Chloroethyl)ether	7.24	93	2971	0.382	ng	100
9) Naphthalene	10.65	128	38184	0.406	ng	100
10) Hexachlorobutadiene	10.93	225	2669	0.448	ng	99
12) 2-Methylnaphthalene	12.27	142	6501	0.407	ng	100
16) Acenaphthylene	14.18	152	12429	0.436	ng	100
17) Acenaphthene	14.51	154	7040	0.400	ng	100
18) Fluorene	15.49	166	10540	0.417	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	4532	0.426	ng	100
21) Hexachlorobenzene	16.49	284	4298	0.420	ng	100
22) Pentachlorophenol	16.84	266	1622	0.588	ng	100
23) Phenanthrene	17.23	178	20125	0.396	ng	100
24) Anthracene	17.32	178	18837	0.416	ng	100
26) Fluoranthene	19.25	202	29981	0.440	ng	100
28) Pyrene	19.62	202	31523	0.401	ng	100
30) Benzo(a)anthracene	21.35	228	38336	0.489	ng	100
31) Chrysene	21.40	228	37841	0.453	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	64271	0.900	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	44807	0.543	ng	100
35) Benzo(b)fluoranthene	23.10	252	37321	0.384	ng	100
36) Benzo(k)fluoranthene	23.15	252	37188	0.384	ng	100
37) Benzo(a)pyrene	23.76	252	35742	0.410	ng	100
38) Dibenzo(a,h)anthracene	26.54	278	36643	0.412	ng	100
39) Benzo(g,h,i)perylene	27.33	276	36801	0.408	ng	100

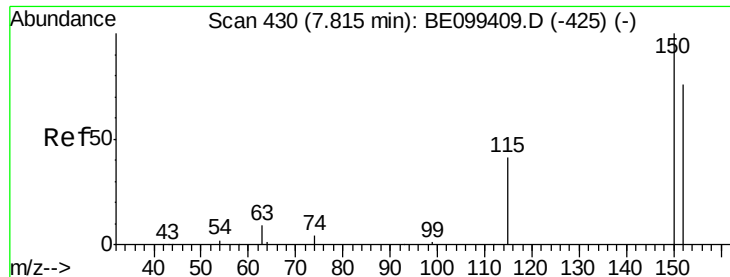
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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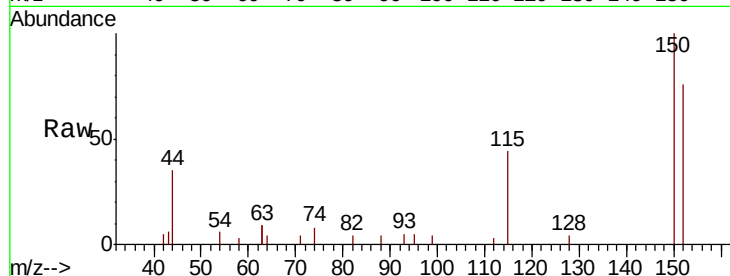


#1

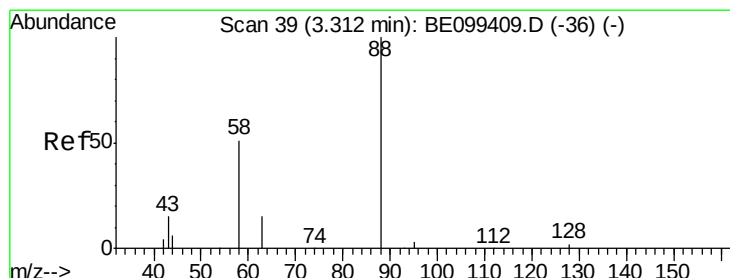
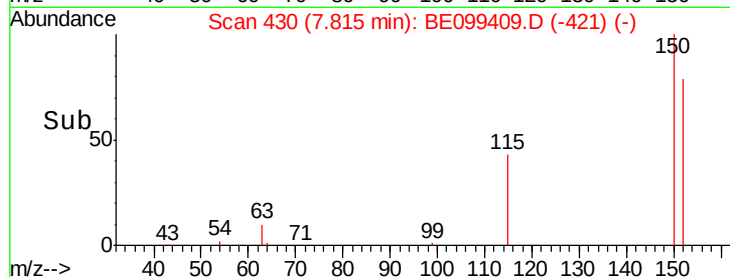
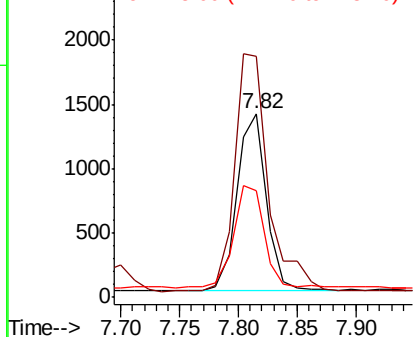
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2388
Ion Ratio Lower Upper
152 100
150 131.0 104.8 157.2
115 58.2 46.6 69.8



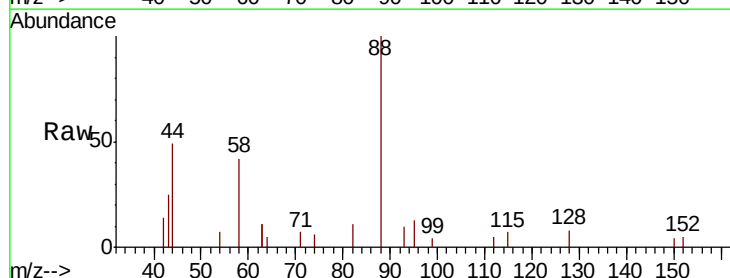
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



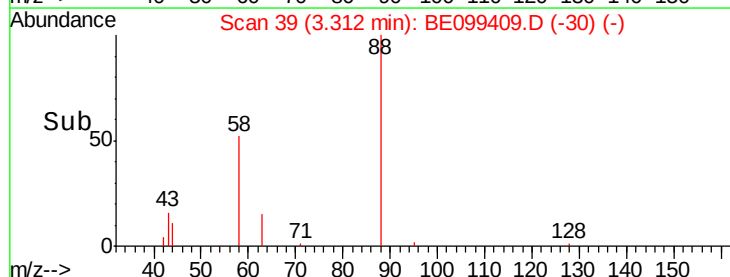
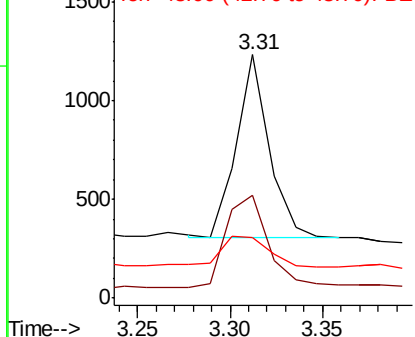
#2

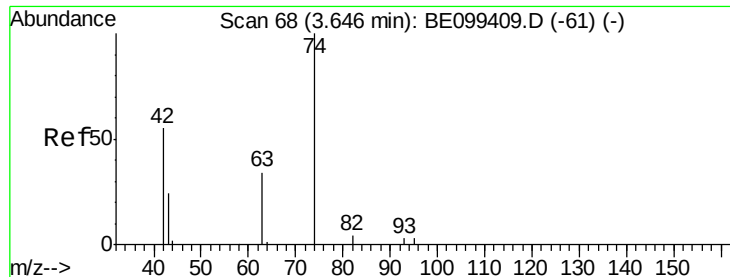
1,4-Dioxane
Concen: 0.338 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

Tgt Ion: 88 Resp: 1131
Ion Ratio Lower Upper
88 100
58 66.7 51.0 76.6
43 27.1 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: 0.390 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampled :

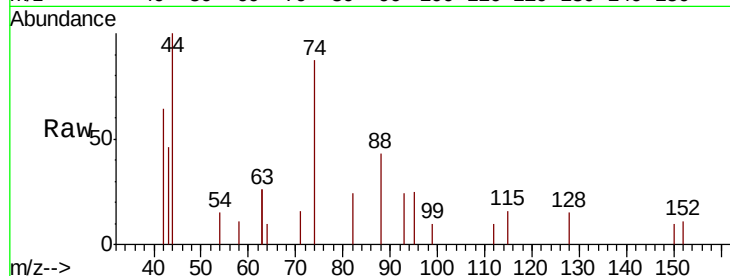
Tot Ion: 42 Resp: 701

Ion Ratio Lower Upper

42 100

74 166.5 141.6 212.4

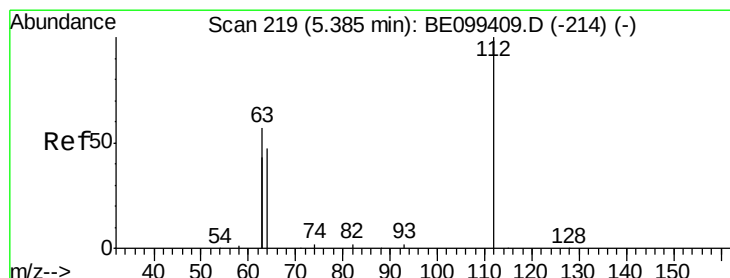
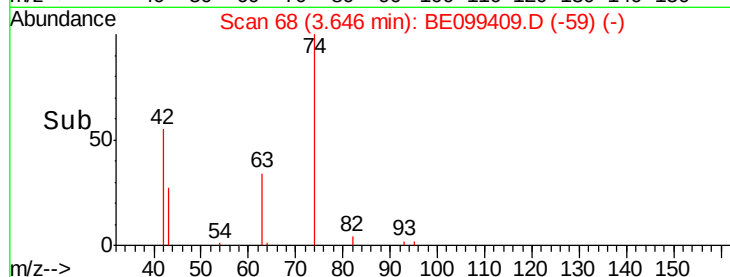
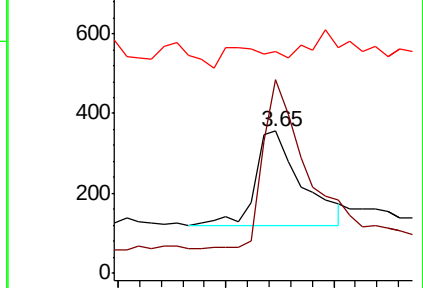
44 0.0 0.0 0.0



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: 0.433 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

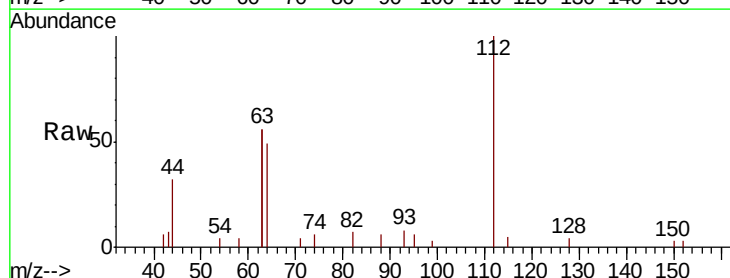
Tgt Ion: 112 Resp: 2528

Ion Ratio Lower Upper

112 100

64 59.2 47.4 71.0

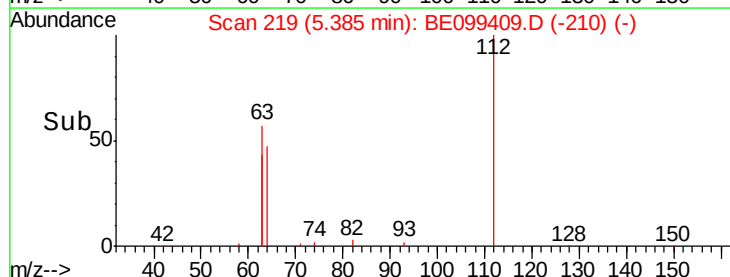
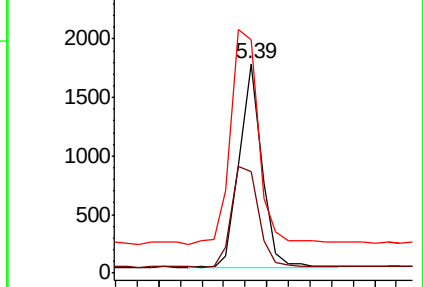
63 130.4 104.3 156.5

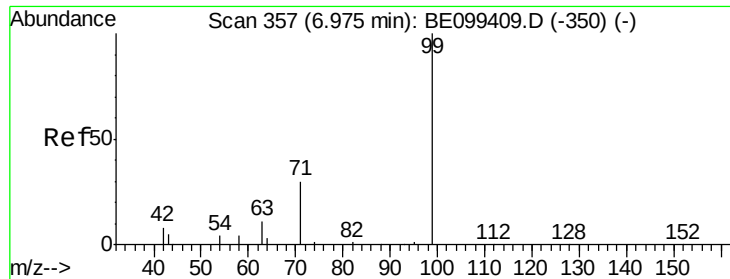


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.413 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampled :

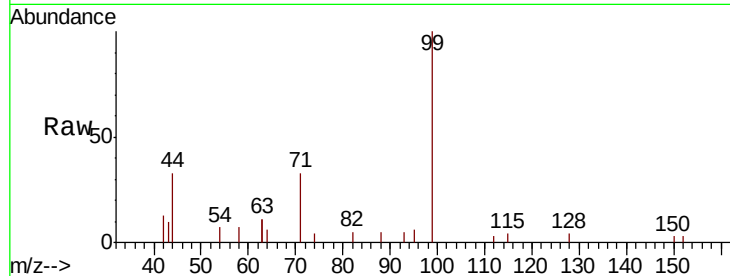
Tot Ion: 99 Resp: 3440

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

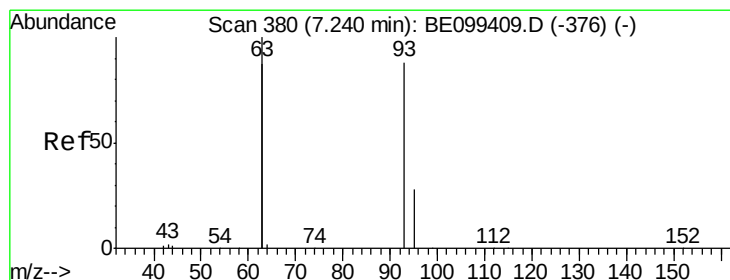
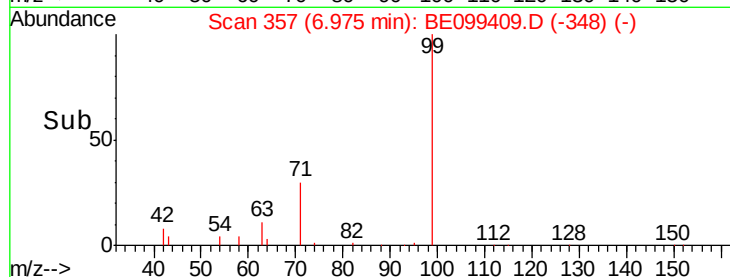
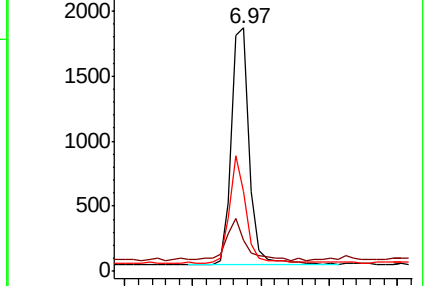
71 41.3 33.0 49.6



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: 0.382 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

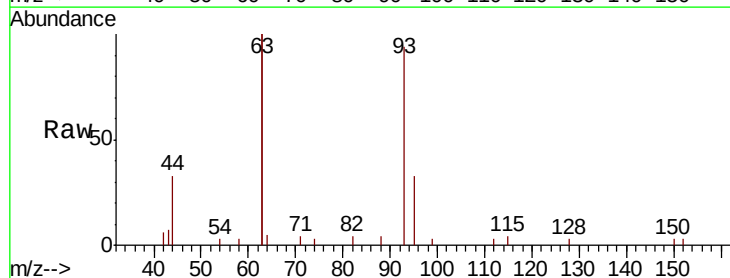
Tgt Ion: 93 Resp: 2971

Ion Ratio Lower Upper

93 100

63 269.5 215.6 323.4

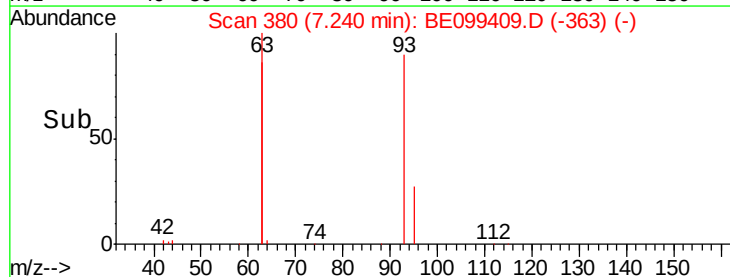
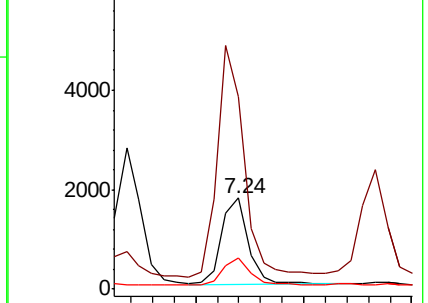
95 32.7 26.2 39.2

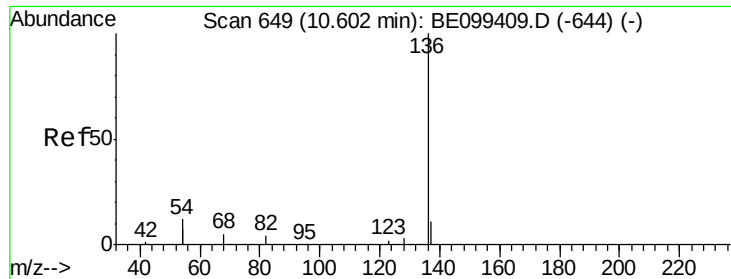


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8611

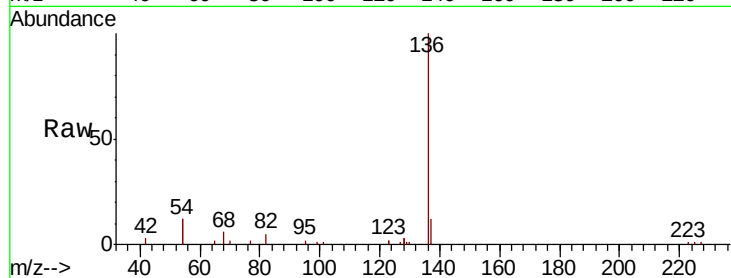
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 23.1 18.5 27.7

68 5.9 4.7 7.1

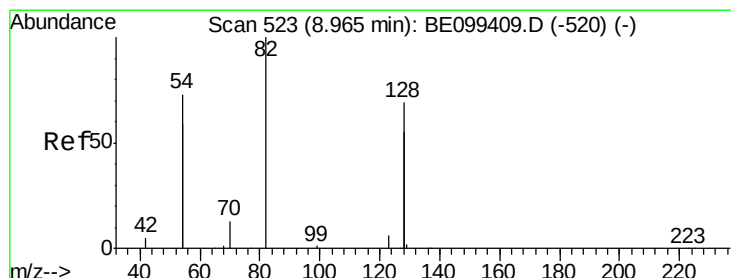
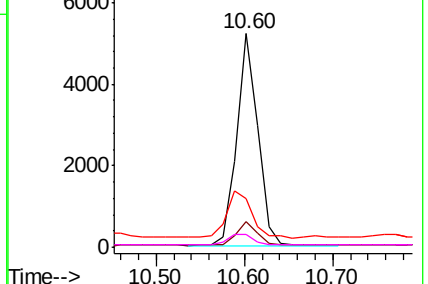
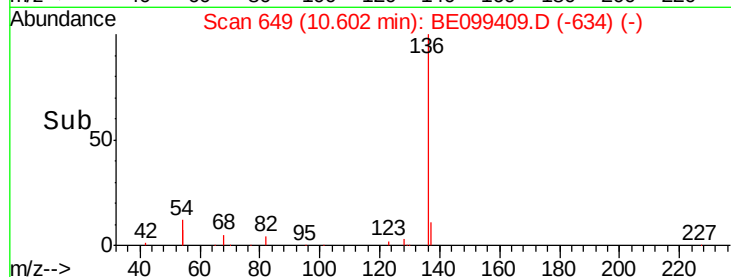


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.485 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

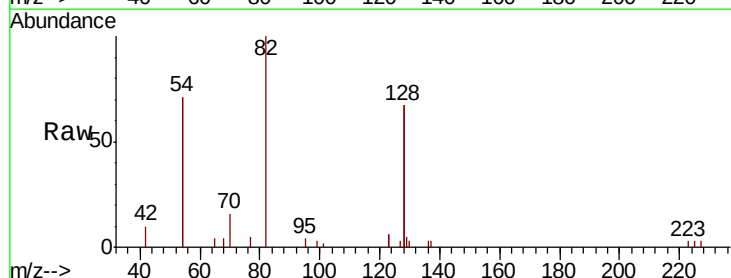
Tgt Ion: 82 Resp: 3241

Ion Ratio Lower Upper

82 100

128 133.7 107.0 160.4

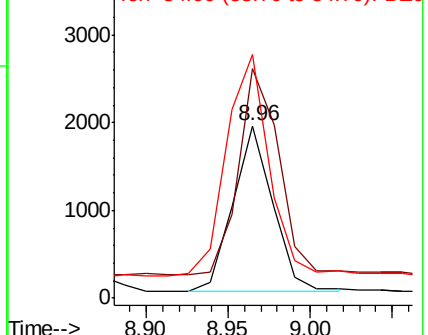
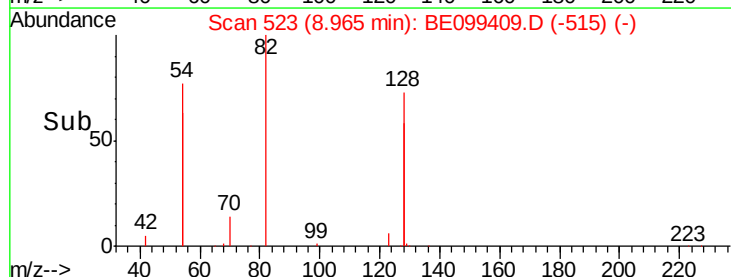
54 141.4 113.1 169.7

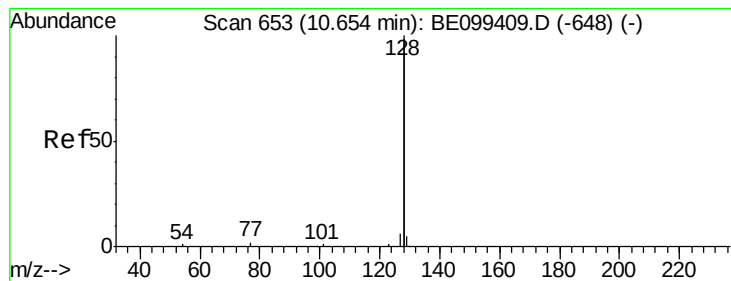


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.406 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :

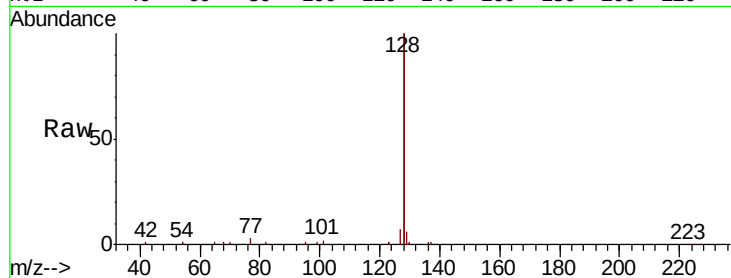
Tot Ion:128 Resp: 38184

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

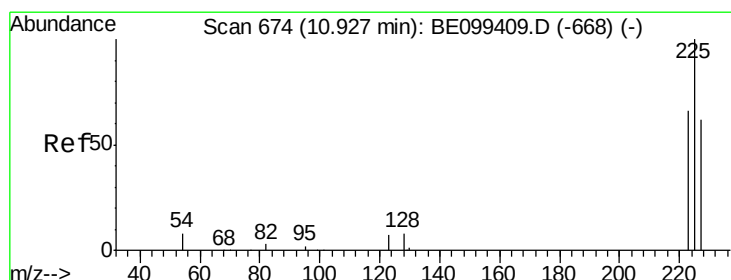
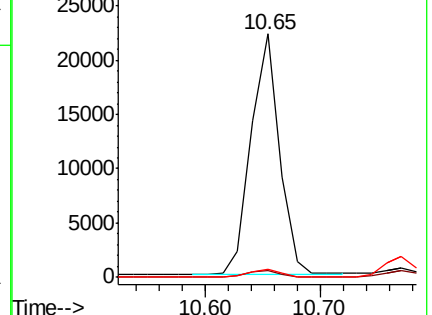
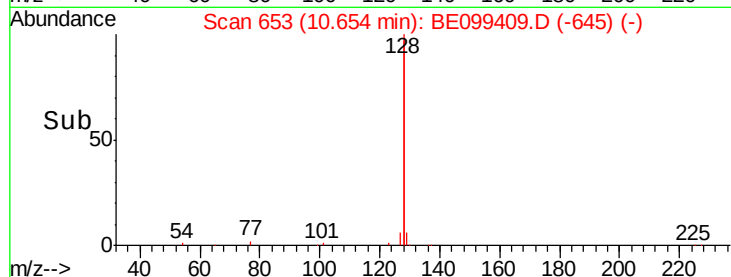
127 3.5 2.8 4.2



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: 0.448 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

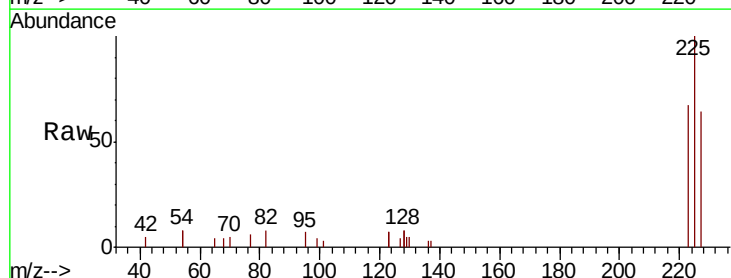
Tgt Ion:225 Resp: 2669

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

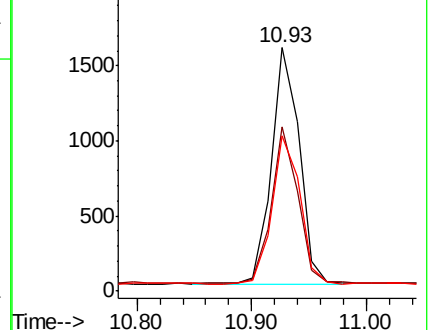
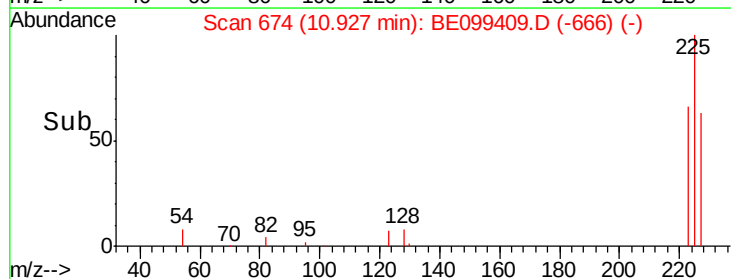
227 63.1 50.9 76.3

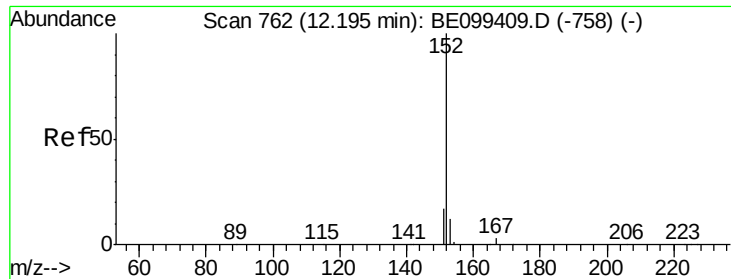


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

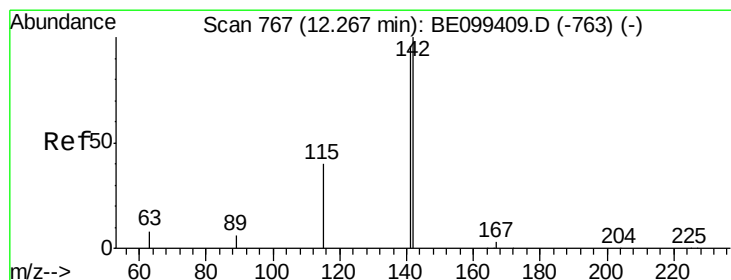
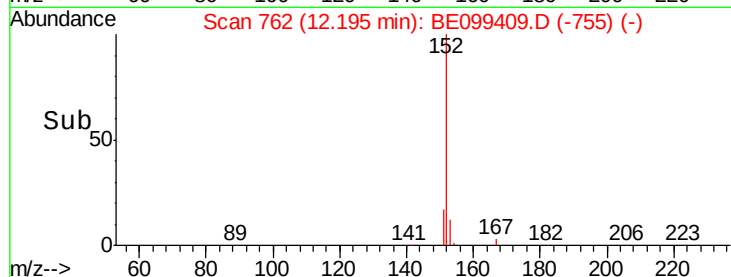
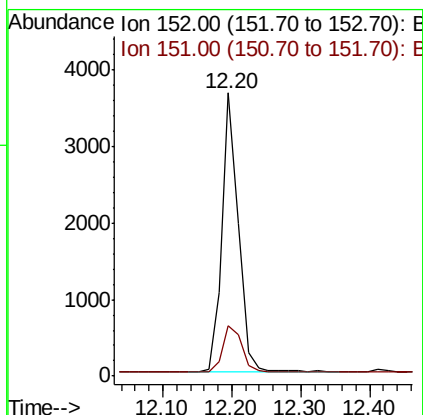
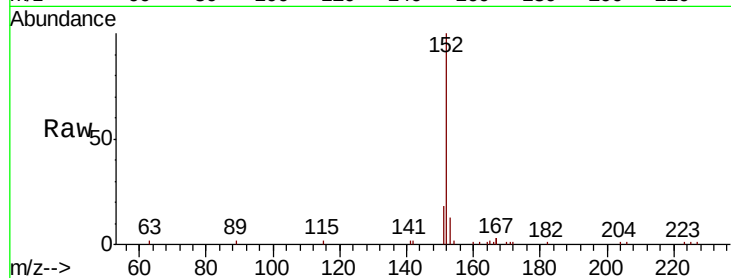




#11
 2-Methylnaphthalene-d10
 Concen: 0.405 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099409.D
 Acq: 29 Apr 2019 15:30

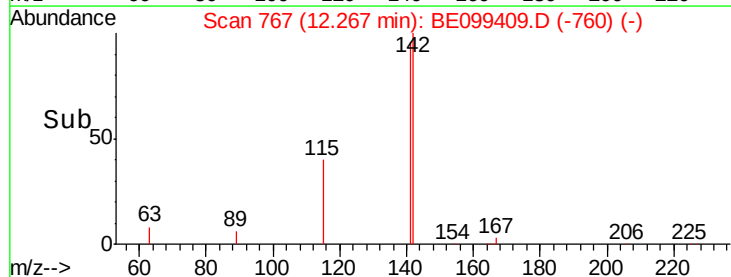
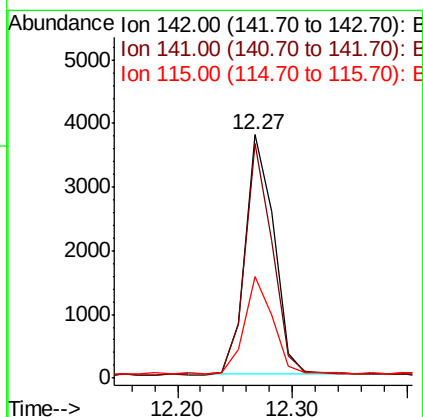
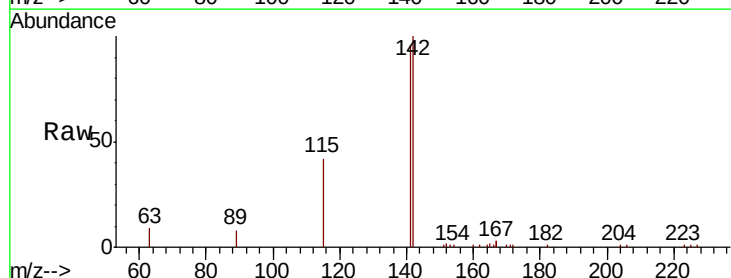
Instrument :
 BNA_E
 ClientSampleId :

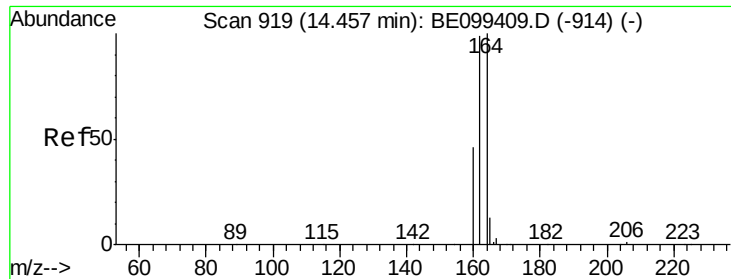
Tot Ion:152 Resp: 6148
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.407 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE099409.D
 Acq: 29 Apr 2019 15:30

Tgt Ion:142 Resp: 6501
 Ion Ratio Lower Upper
 142 100
 141 96.2 77.0 115.4
 115 41.7 33.4 50.0

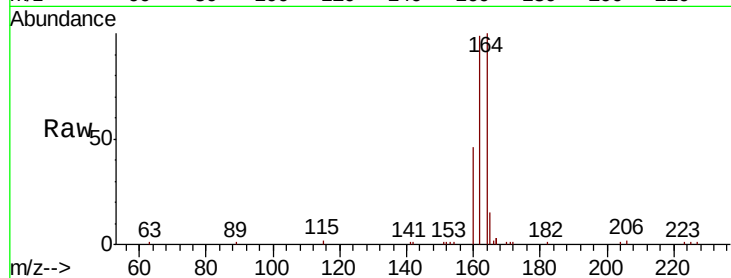




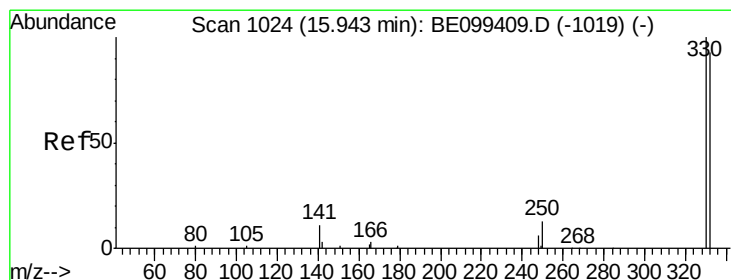
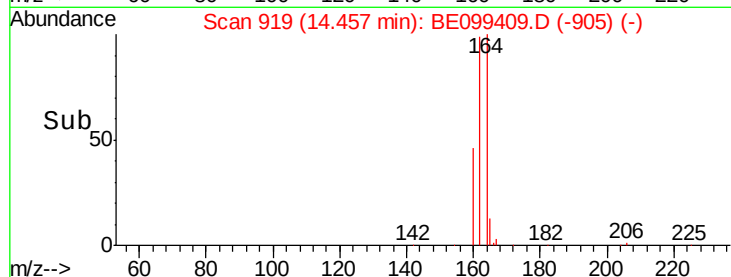
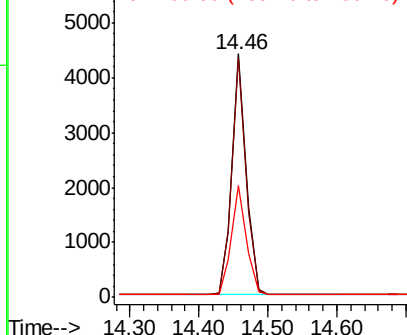
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 6312
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.4
160 46.2 37.0 55.4

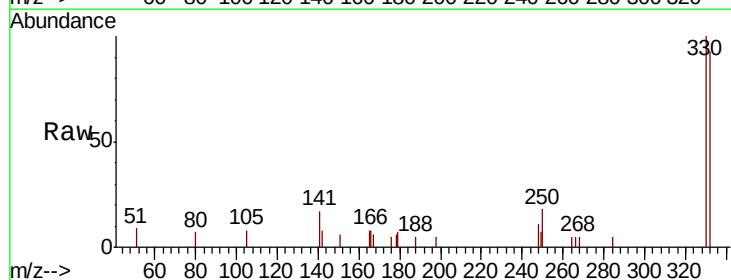


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

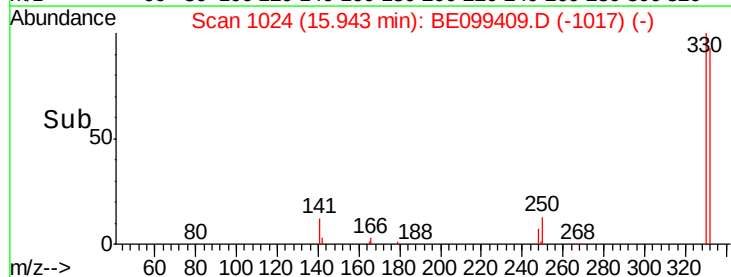
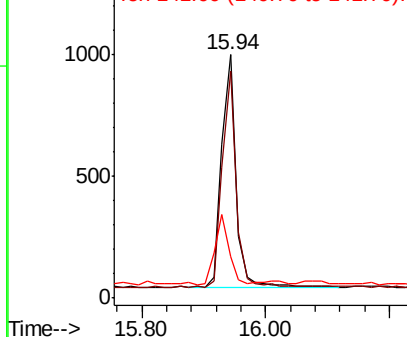


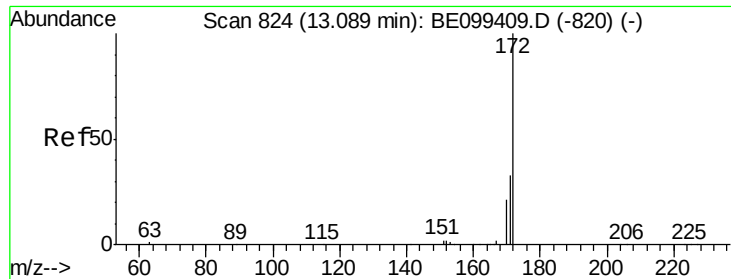
#14
2,4,6-Tribromophenol
Concen: 0.735 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

Tgt Ion:330 Resp: 1541
Ion Ratio Lower Upper
330 100
332 89.4 71.5 107.3
141 30.0 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

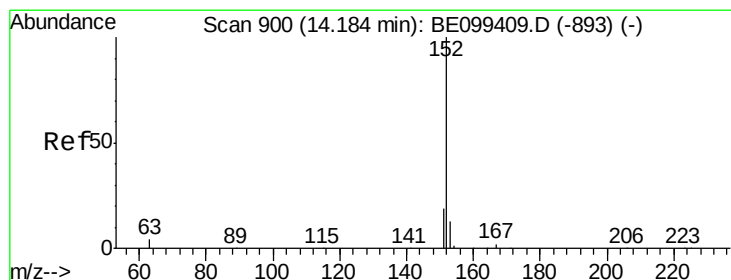
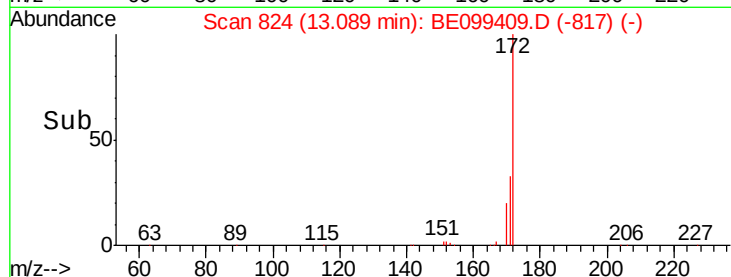
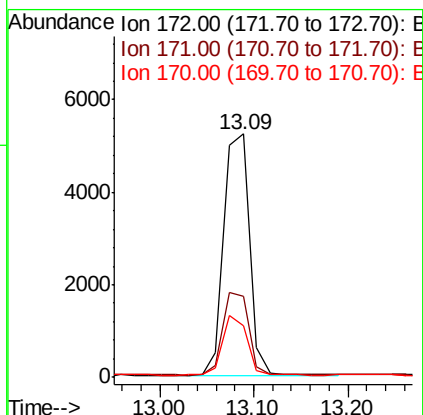
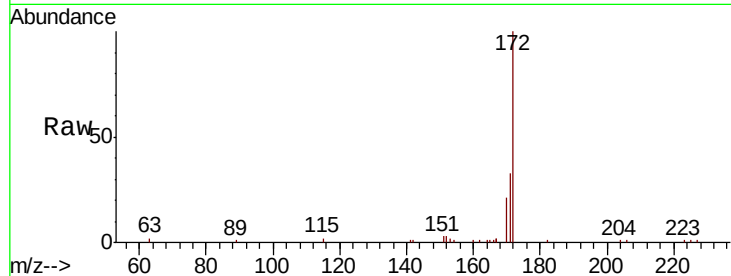




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

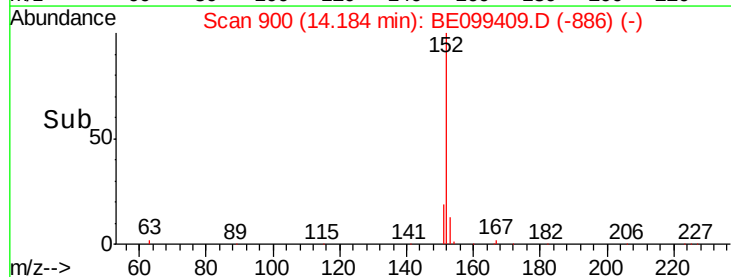
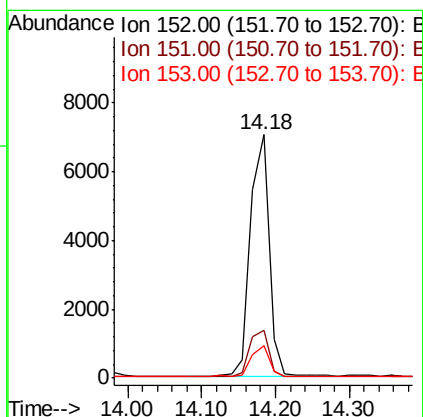
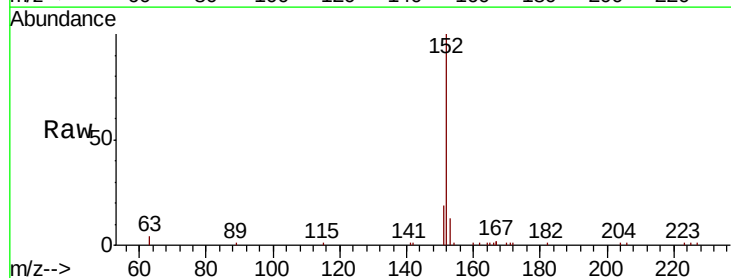
Instrument :
BNA_E
ClientSampleId :

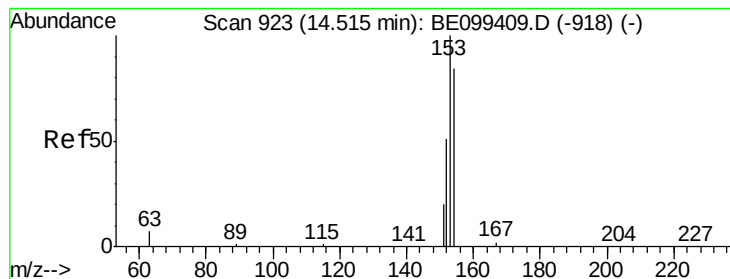
Tot Ion:172 Resp: 9852
Ion Ratio Lower Upper
172 100
171 33.2 26.6 39.8
170 21.3 17.0 25.6



#16
Acenaphthylene
Concen: 0.436 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

Tgt Ion:152 Resp: 12429
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 12.2 9.8 14.6





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :

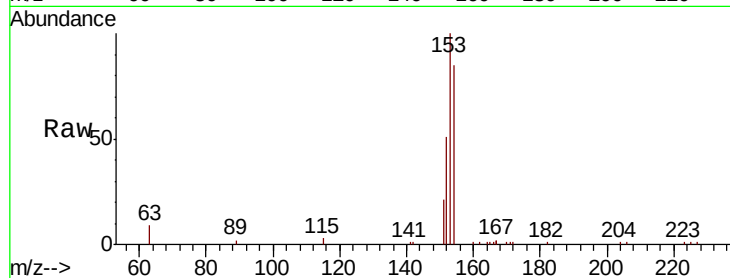
Tot Ion:154 Resp: 7040

Ion Ratio Lower Upper

154 100

153 115.7 92.6 138.8

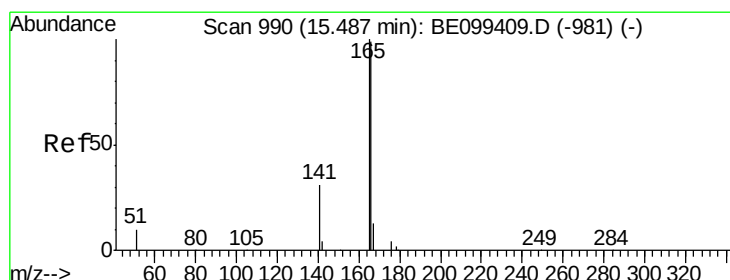
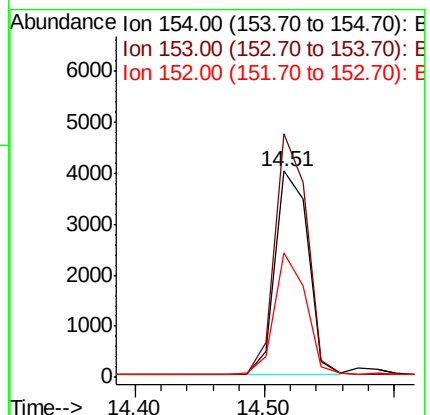
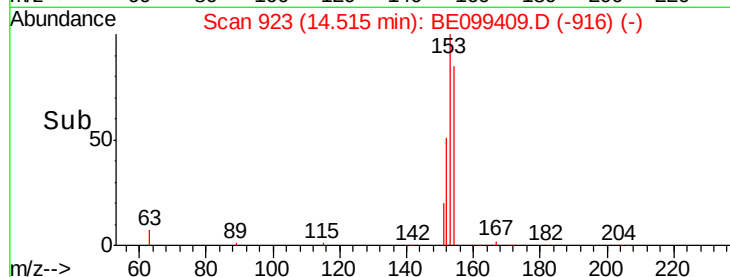
152 57.3 45.8 68.8



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: 0.417 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

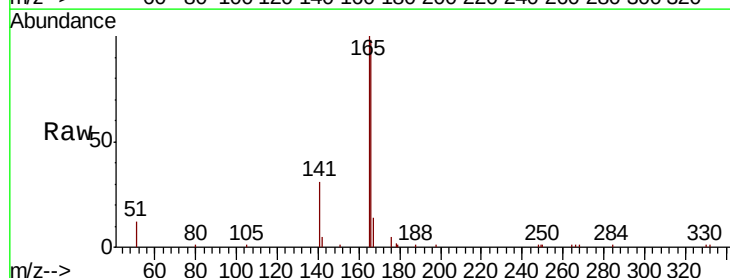
Tgt Ion:166 Resp: 10540

Ion Ratio Lower Upper

166 100

165 100.4 80.3 120.5

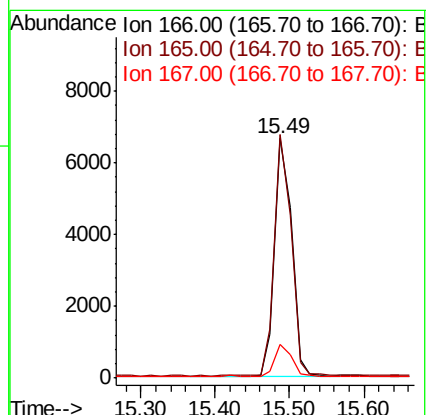
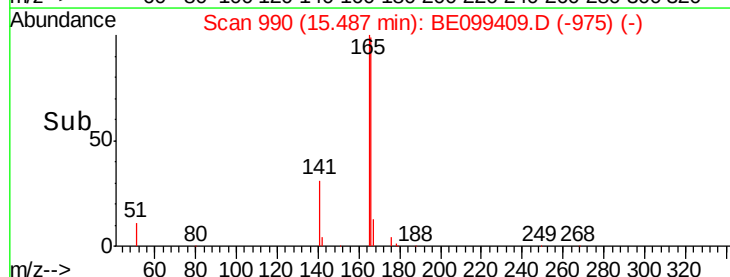
167 13.4 10.7 16.1

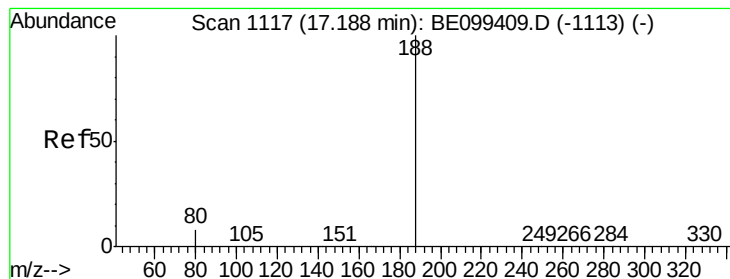


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :

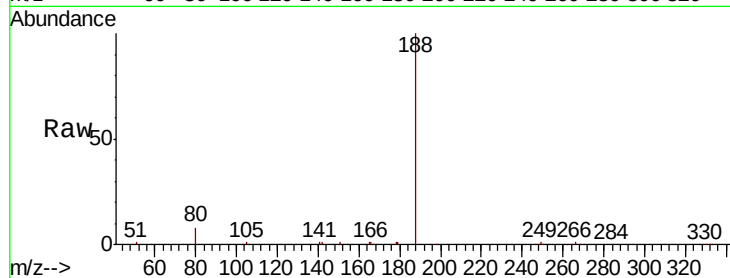
Tot Ion:188 Resp: 19211

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

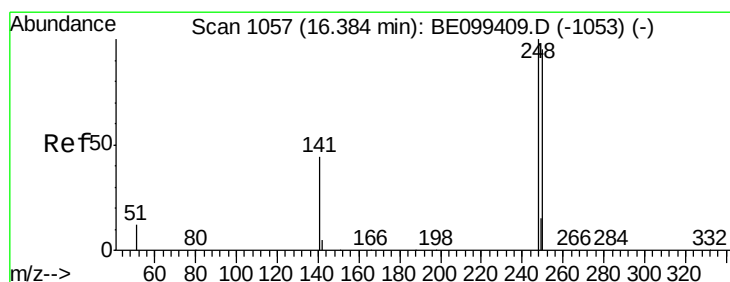
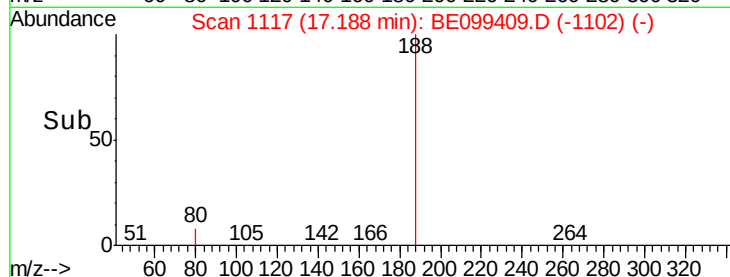
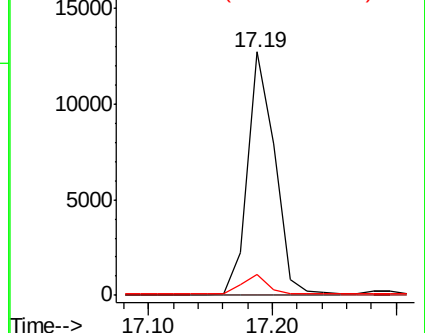
80 8.4 6.7 10.1



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: 0.426 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

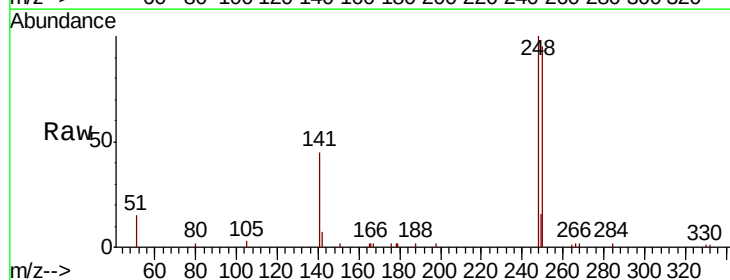
Tgt Ion:248 Resp: 4532

Ion Ratio Lower Upper

248 100

250 94.8 75.8 113.8

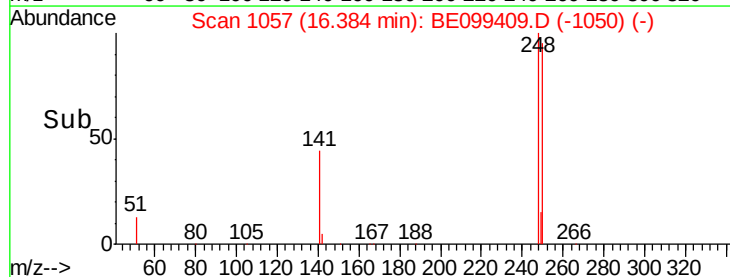
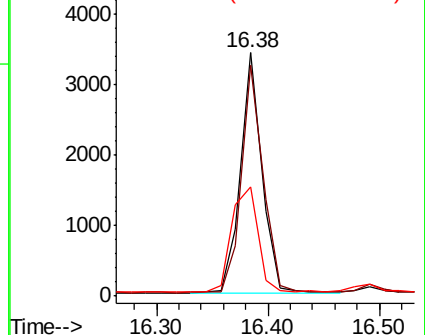
141 44.6 35.7 53.5

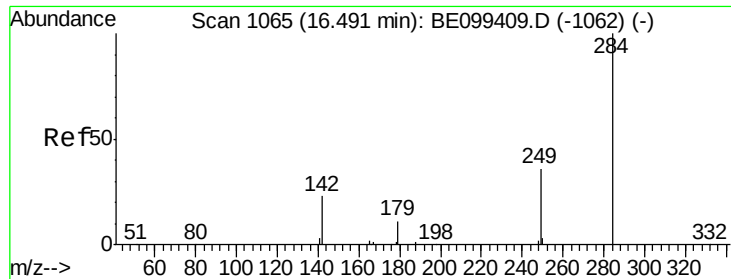


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.420 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :

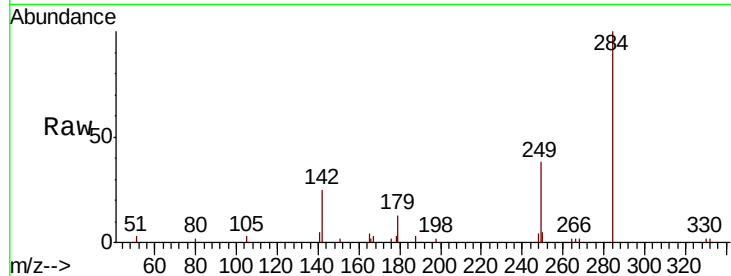
Tot Ion:284 Resp: 4298

Ion Ratio Lower Upper

284 100

142 26.3 21.0 31.6

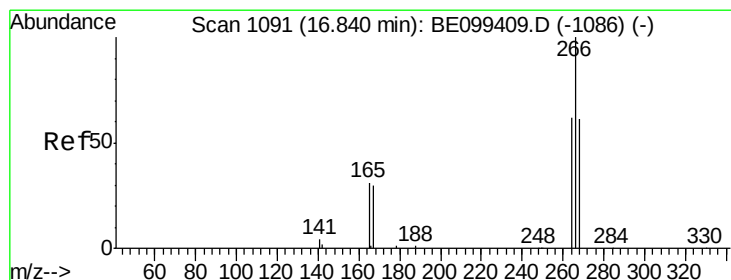
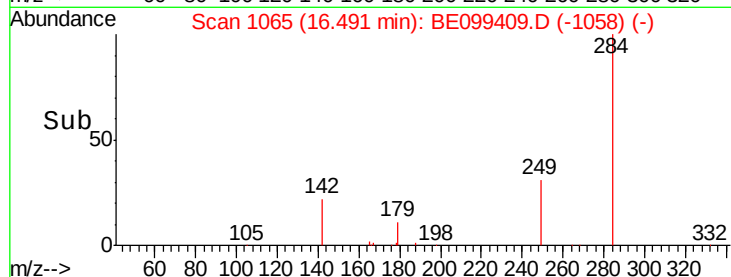
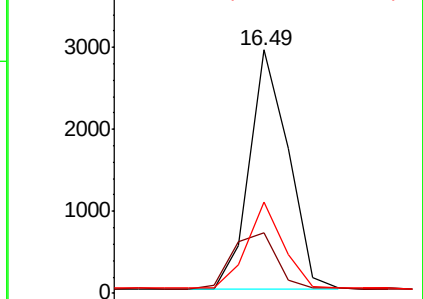
249 33.4 26.7 40.1



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: 0.588 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

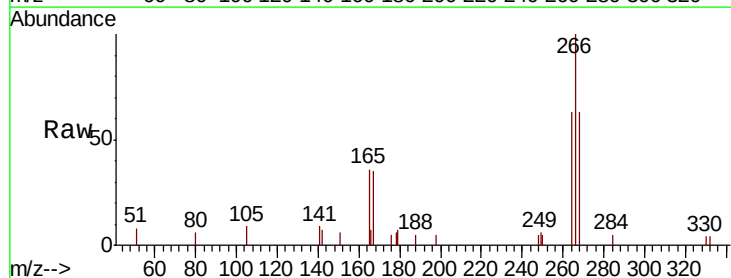
Tgt Ion:266 Resp: 1622

Ion Ratio Lower Upper

266 100

264 63.5 50.8 76.2

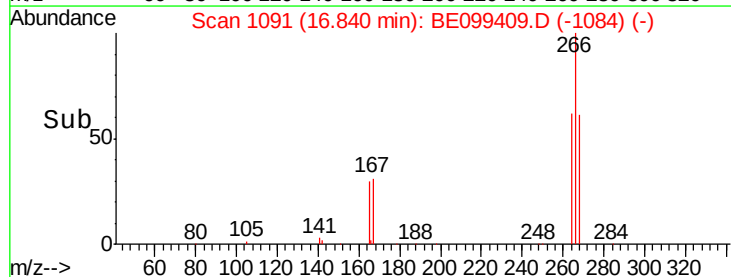
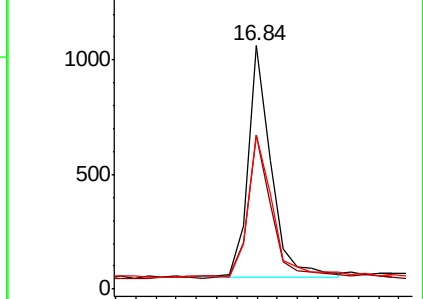
268 63.1 50.5 75.7

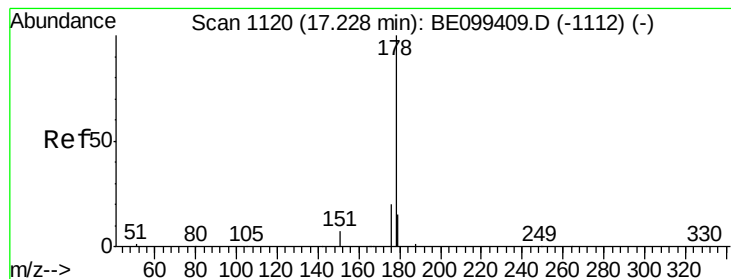


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :

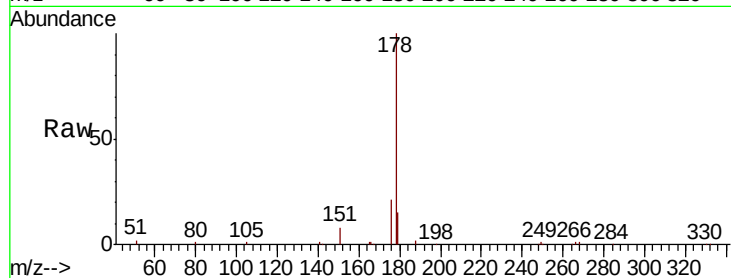
Tot Ion:178 Resp: 20125

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

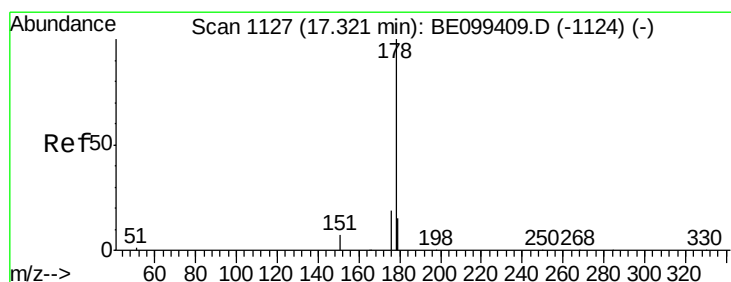
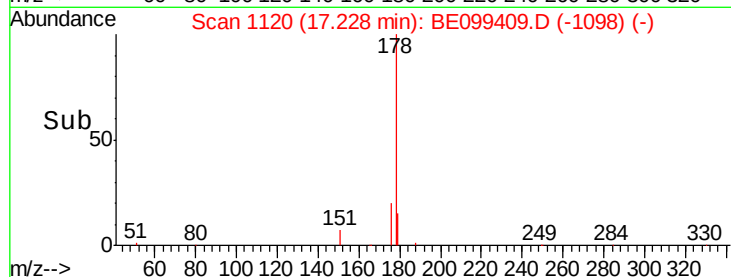
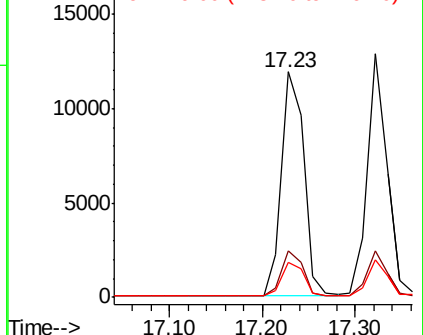
179 15.0 12.0 18.0



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: 0.416 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

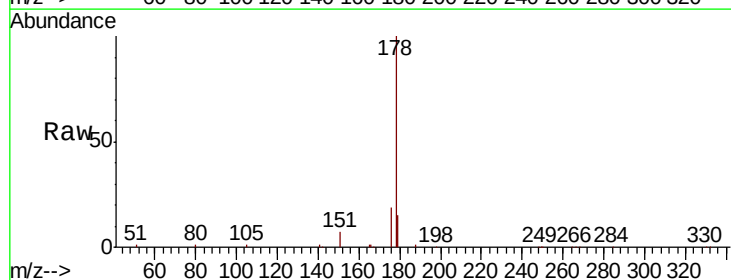
Tgt Ion:178 Resp: 18837

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

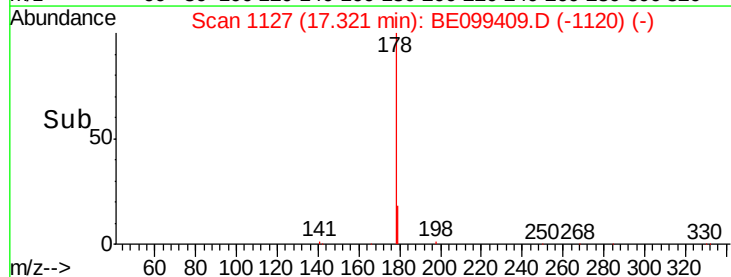
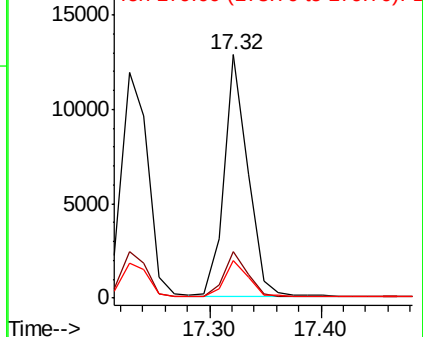
179 14.9 11.9 17.9

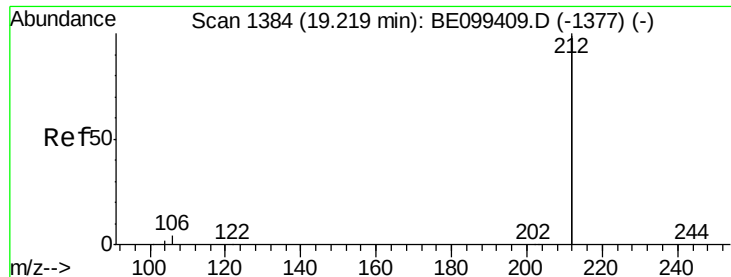


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.449 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :

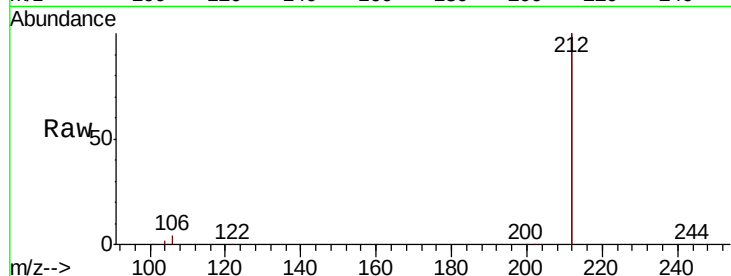
Tot Ion:212 Resp: 103728

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

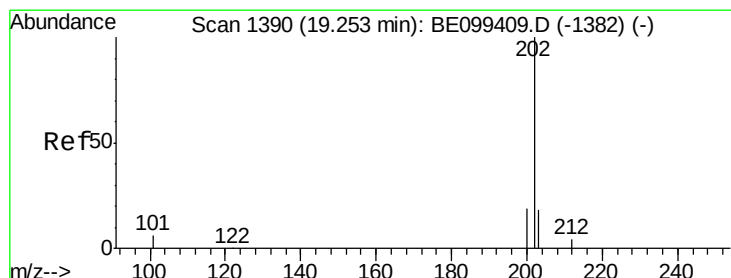
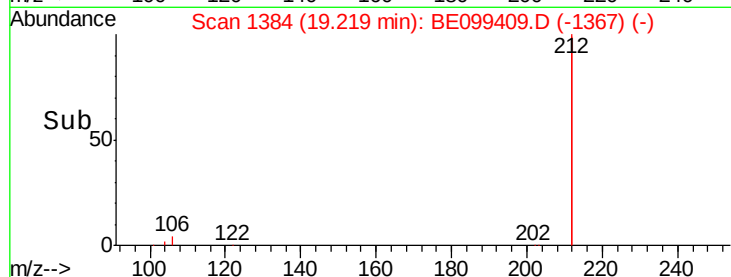
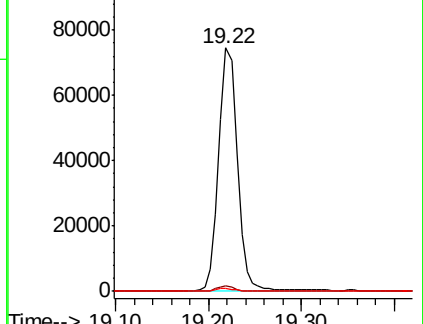
104 1.1 0.9 1.3



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



#26

Fluoranthene

Concen: 0.440 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

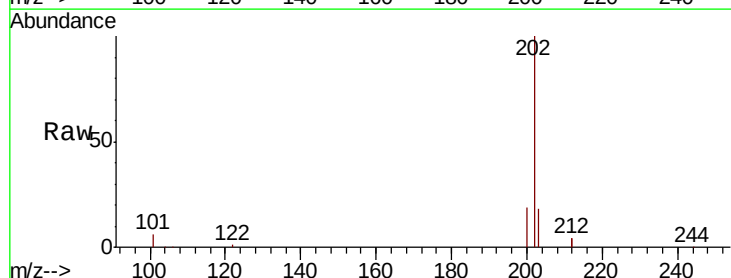
Tgt Ion:202 Resp: 29981

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.0

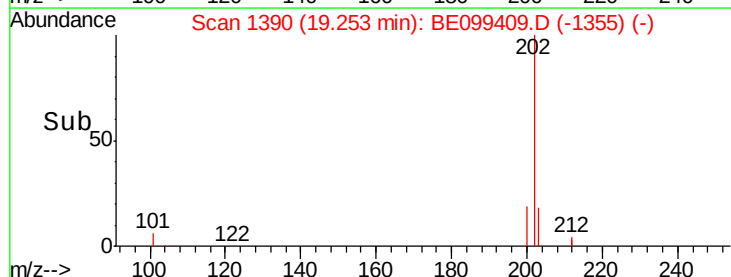
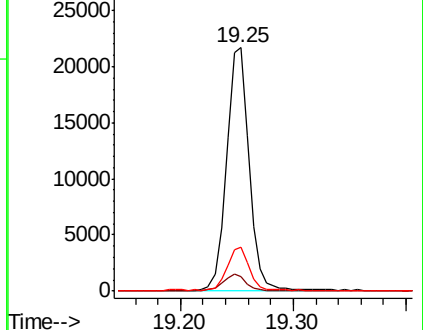
203 17.4 13.9 20.9

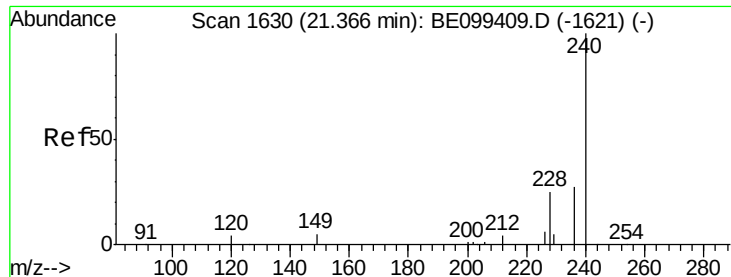


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampled :

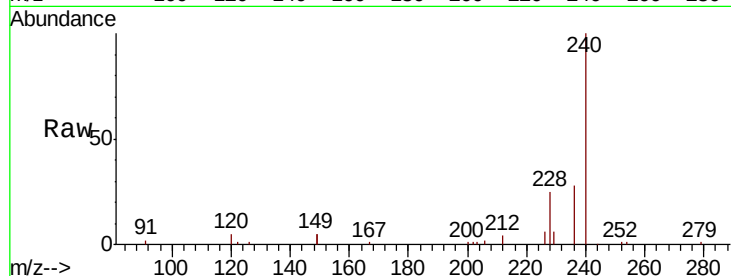
Tot Ion:240 Resp: 26686

Ion Ratio Lower Upper

240 100

120 5.0 4.0 6.0

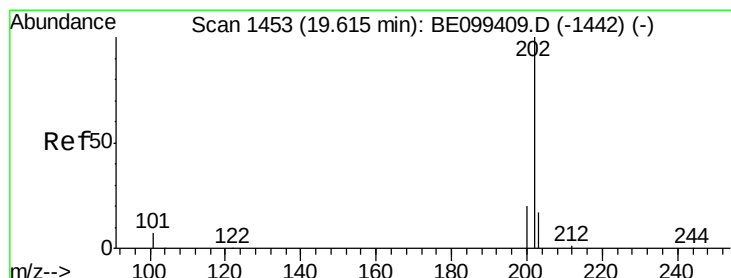
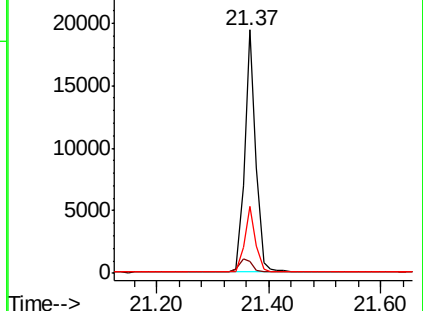
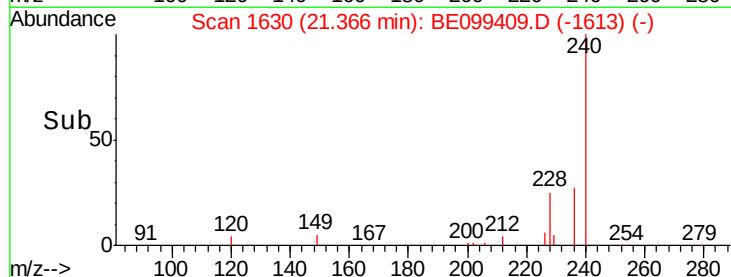
236 27.5 22.0 33.0



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: 0.401 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

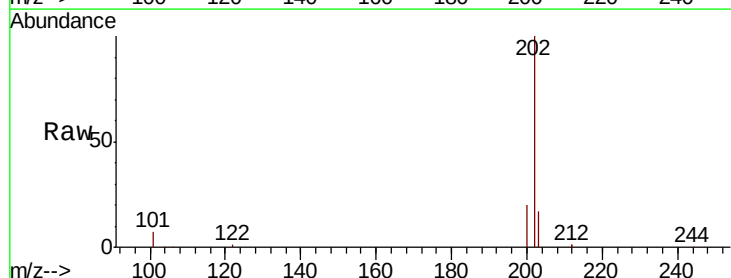
Tgt Ion:202 Resp: 31523

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

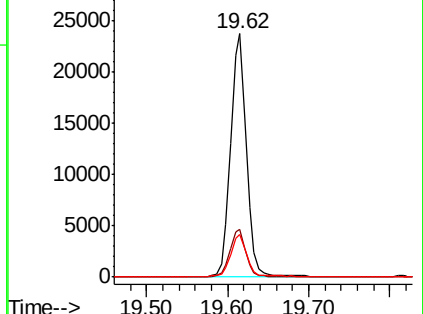
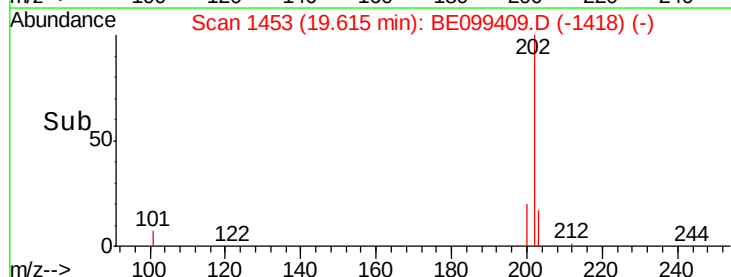
203 17.4 13.9 20.9

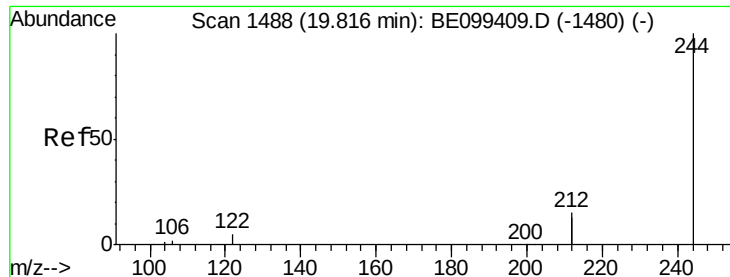


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampled :

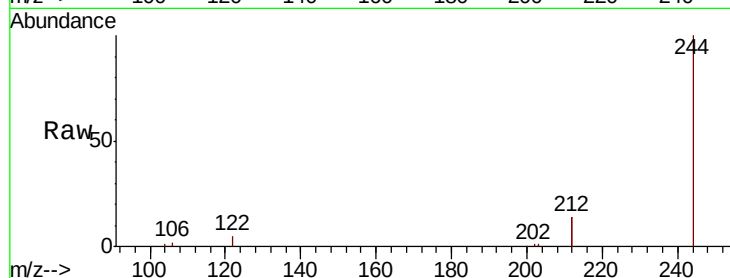
Tot Ion:244 Resp: 21982

Ion Ratio Lower Upper

244 100

212 29.0 23.2 34.8

122 5.3 4.2 6.4

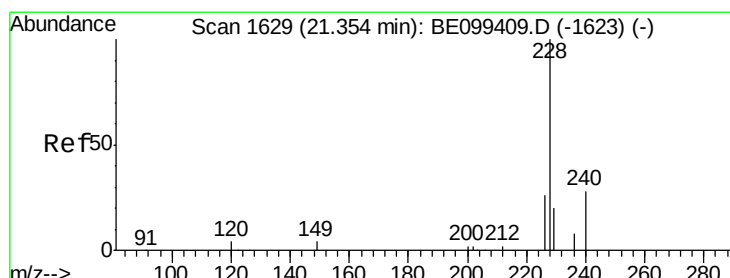
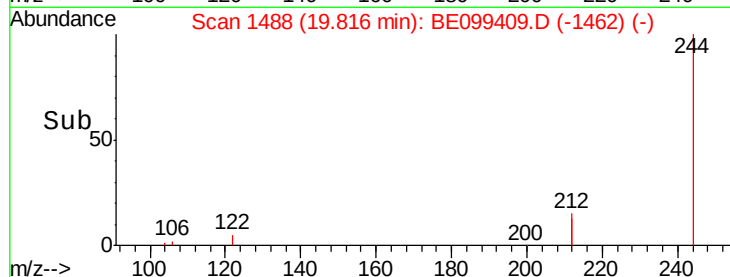
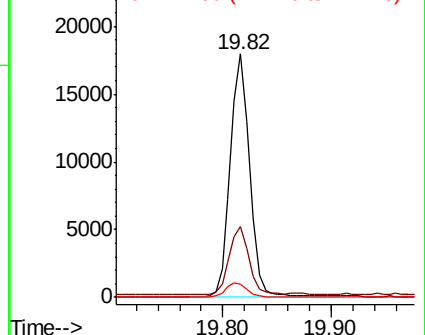


Abundance

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: 0.489 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

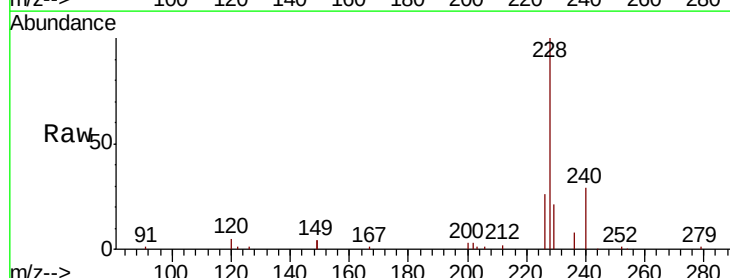
Tgt Ion:228 Resp: 38336

Ion Ratio Lower Upper

228 100

226 26.3 21.0 31.6

229 20.8 16.6 25.0

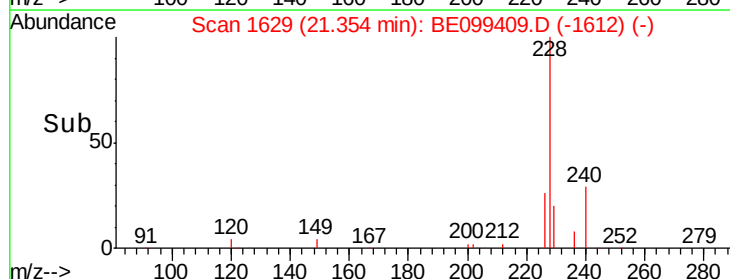
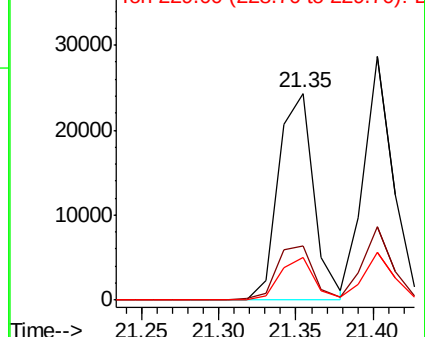


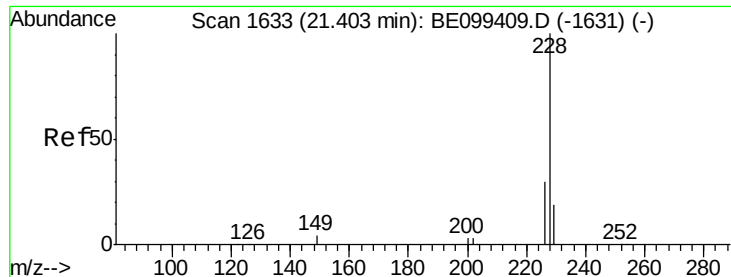
Abundance

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: 0.453 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

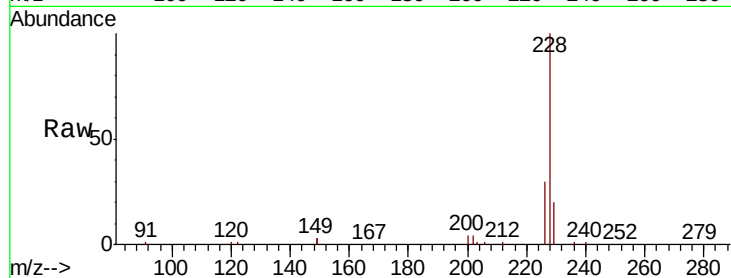
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 37841

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.8	15.8	23.8

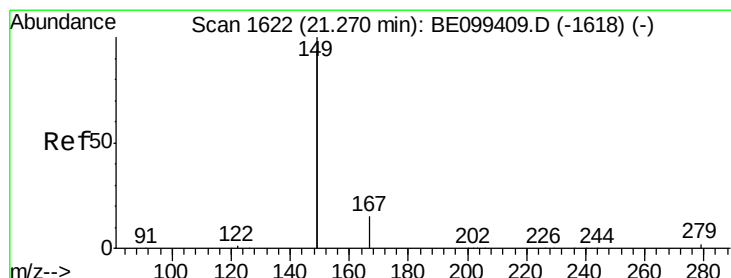
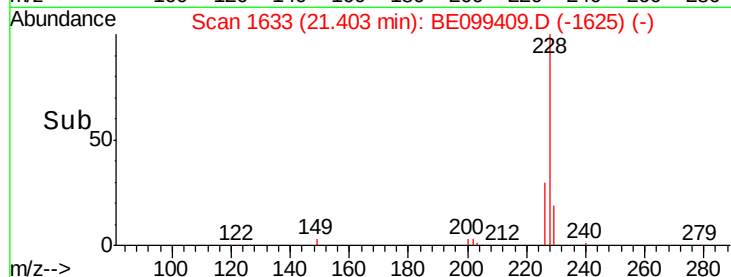
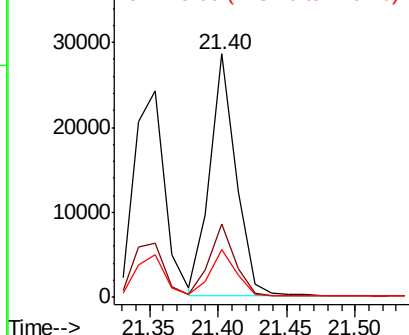


Abundance

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: 0.900 ng

RT: 21.27 min Scan# 1622

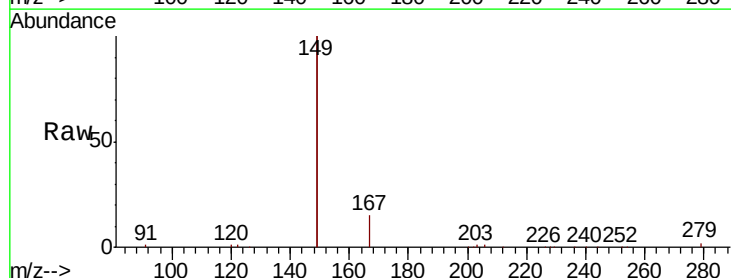
Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Tgt Ion:149 Resp: 64271

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	1.3	1.0	1.6

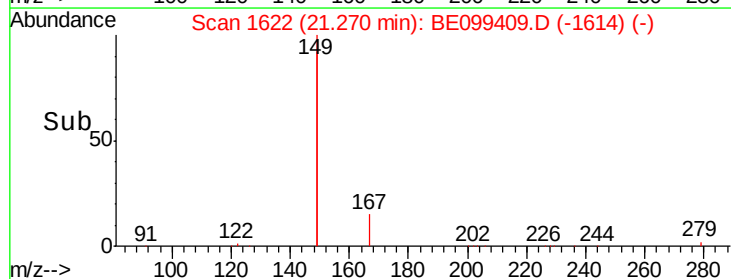
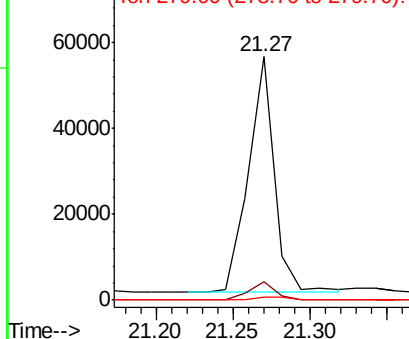


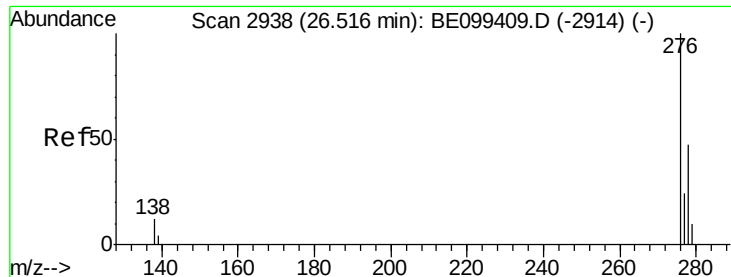
Abundance

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: 0.543 ng

RT: 26.52 min Scan# 2938

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :

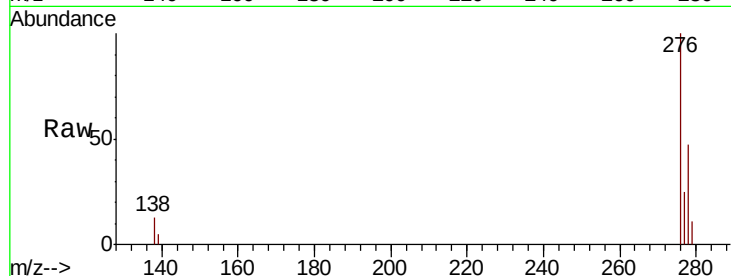
Tot Ion:276 Resp: 44807

Ion Ratio Lower Upper

276 100

138 12.7 10.2 15.2

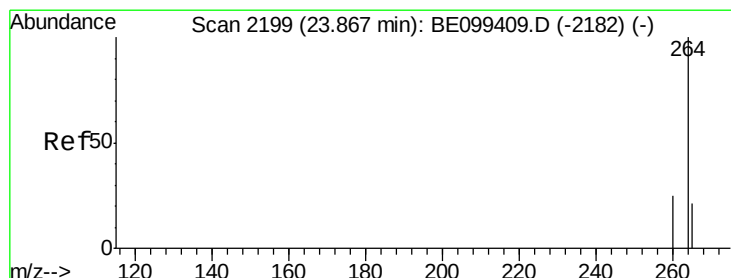
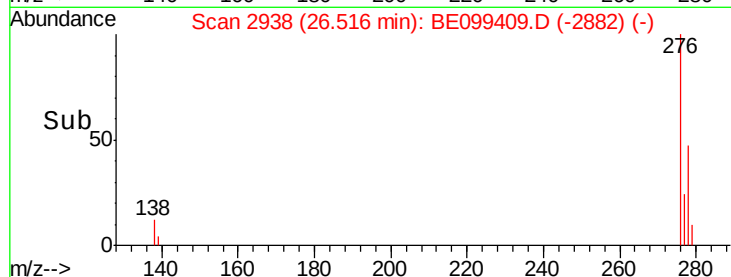
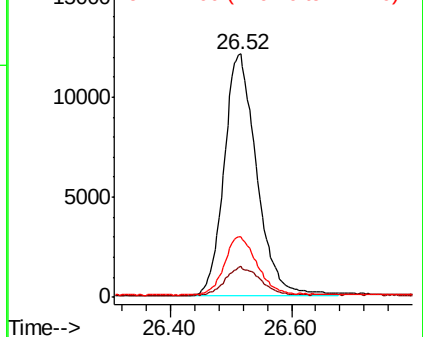
277 24.0 19.2 28.8



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# 2199

Delta R.T. 0.00 min

Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

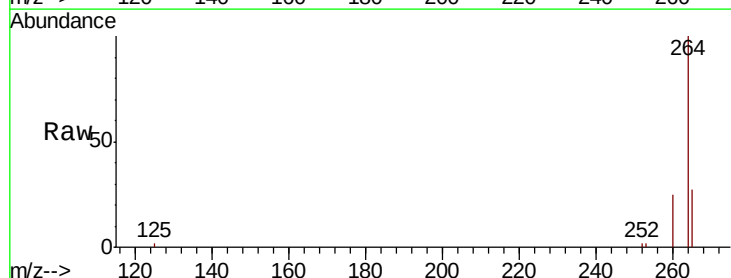
Tgt Ion:264 Resp: 31765

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

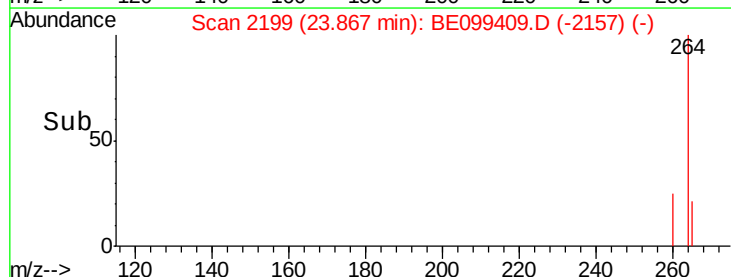
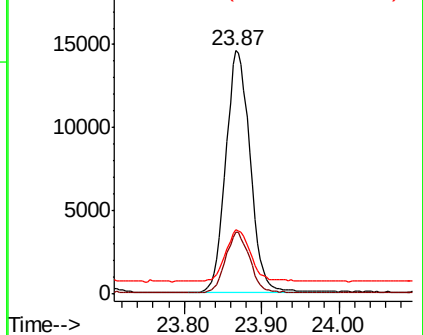
265 26.6 21.3 31.9

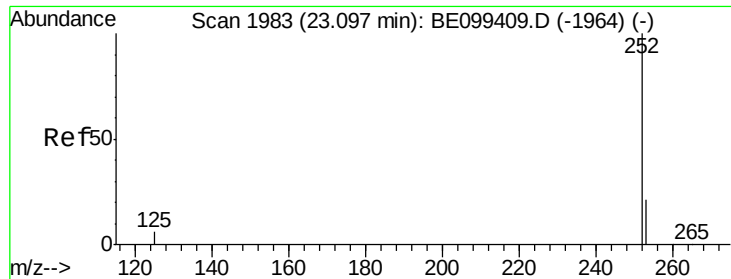


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

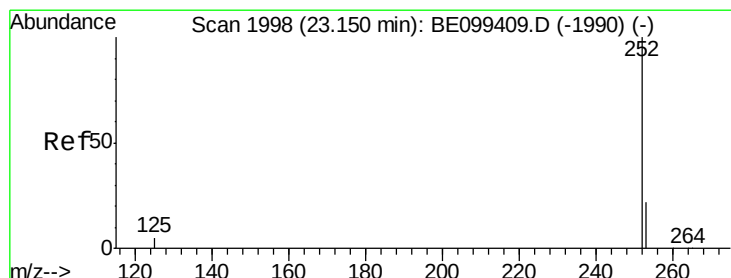
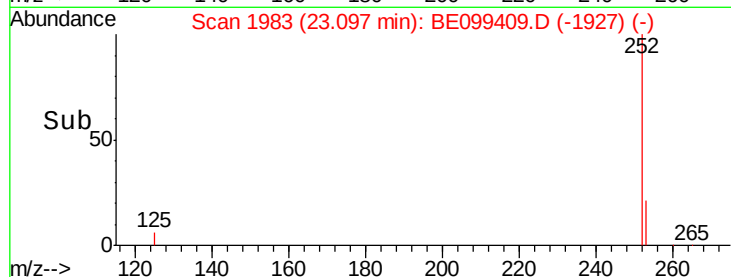
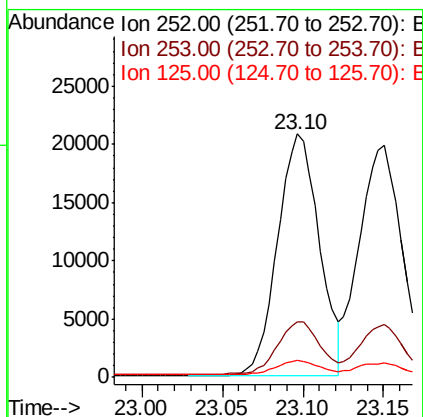
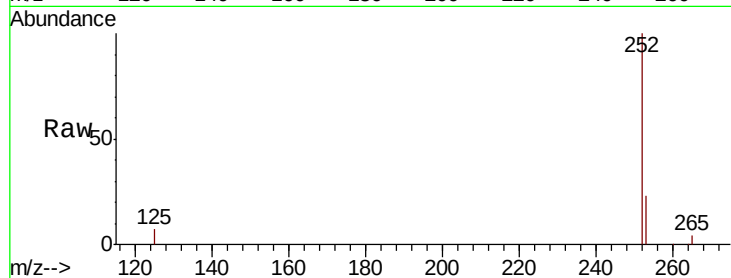




#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

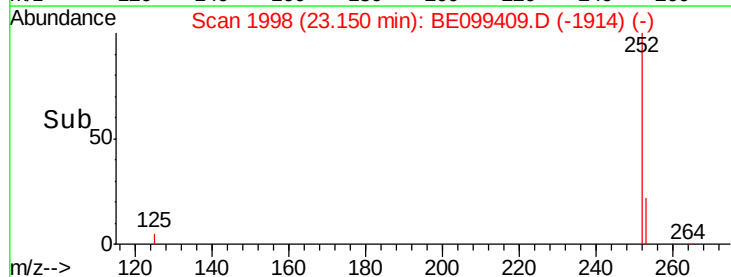
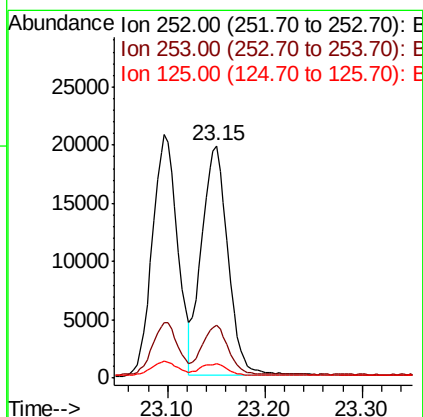
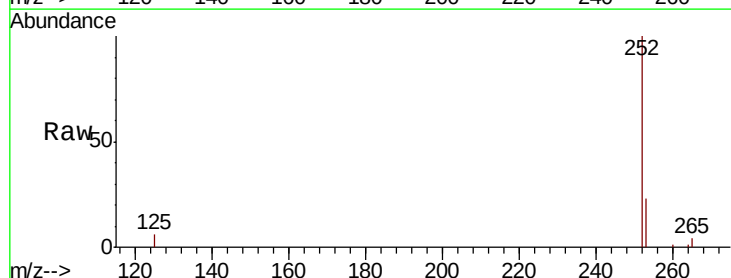
Instrument :
BNA_E
ClientSampleId :

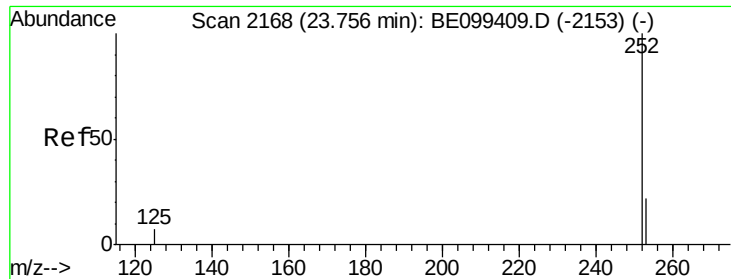
Tot Ion:252 Resp: 37321
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.0 5.6 8.4



#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

Tgt Ion:252 Resp: 37188
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.2 5.0 7.4

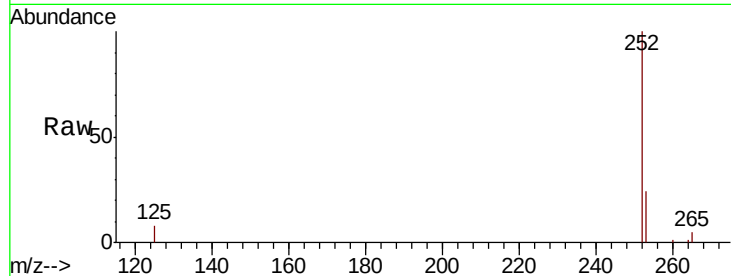




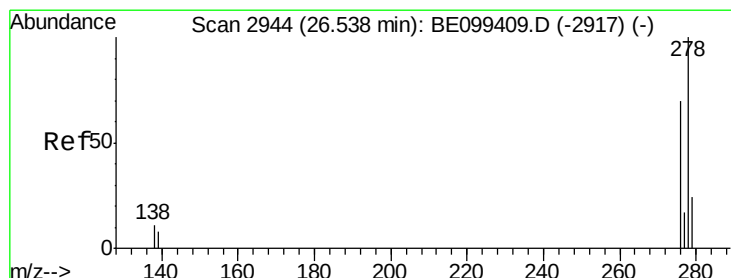
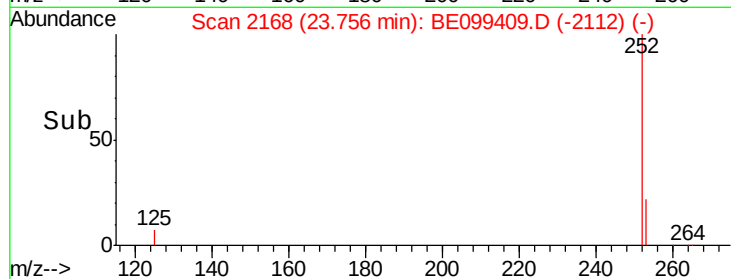
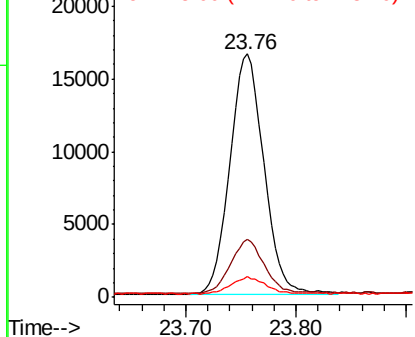
#37
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 35742
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 8.4 6.7 10.1

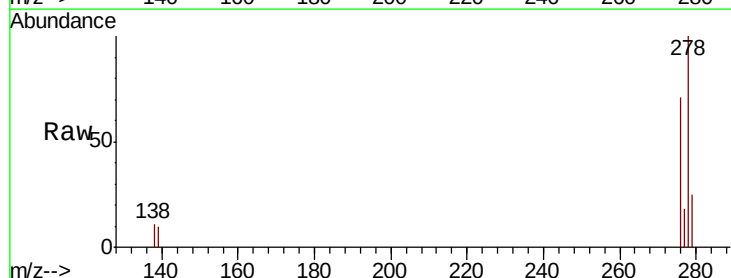


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

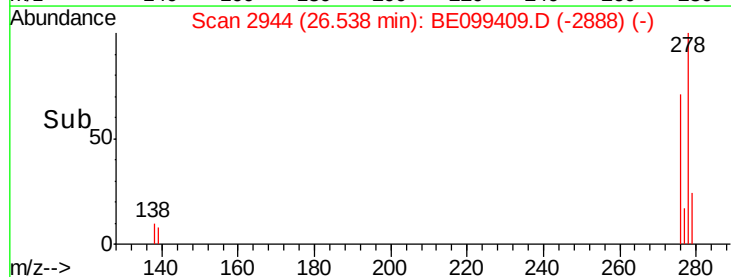
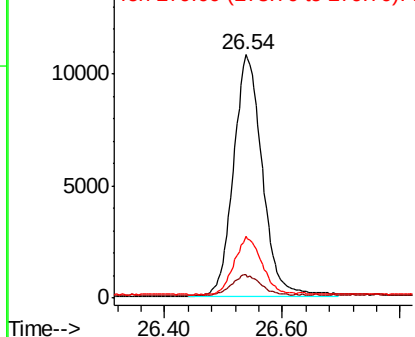


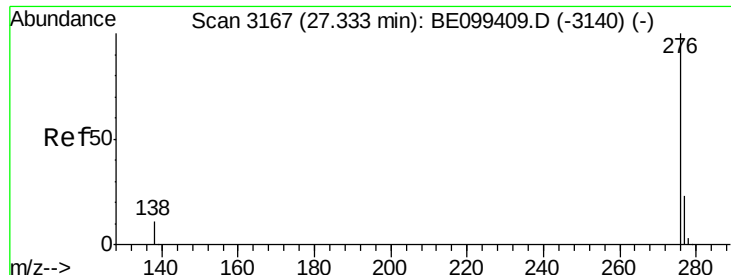
#38
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BE099409.D
Acq: 29 Apr 2019 15:30

Tgt Ion:278 Resp: 36643
Ion Ratio Lower Upper
278 100
139 9.6 7.7 11.5
279 25.2 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: 0.408 ng

RT: 27.33 min Scan# 3167

Delta R.T. 0.00 min

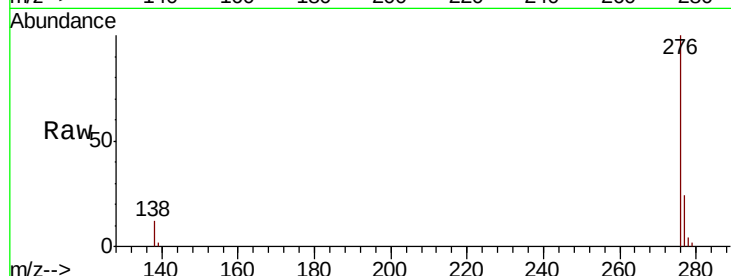
Lab File: BE099409.D

Acq: 29 Apr 2019 15:30

Instrument :

BNA_E

ClientSampleId :



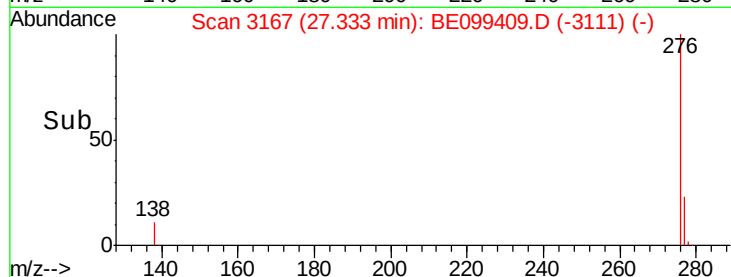
Tot Ion: 276 Resp: 36801

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 12.0 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

