

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
 Data File : BE099410.D
 Acq On : 29 Apr 2019 16:06
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 29 17:07:06 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	2066	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	7750	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5928	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	17853	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28516	0.40	ng	0.00
34) Perylene-d12	23.87	264	29504	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	4646	0.92	ng	0.00
5) Phenol-d6	6.96	99	6271	0.87	ng	-0.01
8) Nitrobenzene-d5	8.96	82	5968	0.99	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	11564	0.85	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2969	1.51	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	18487	0.79	ng	-0.01
25) Fluoranthene-d10	19.22	212	200146	0.93	ng	0.00
29) Terphenyl-d14	19.82	244	41848	0.75	ng	0.00

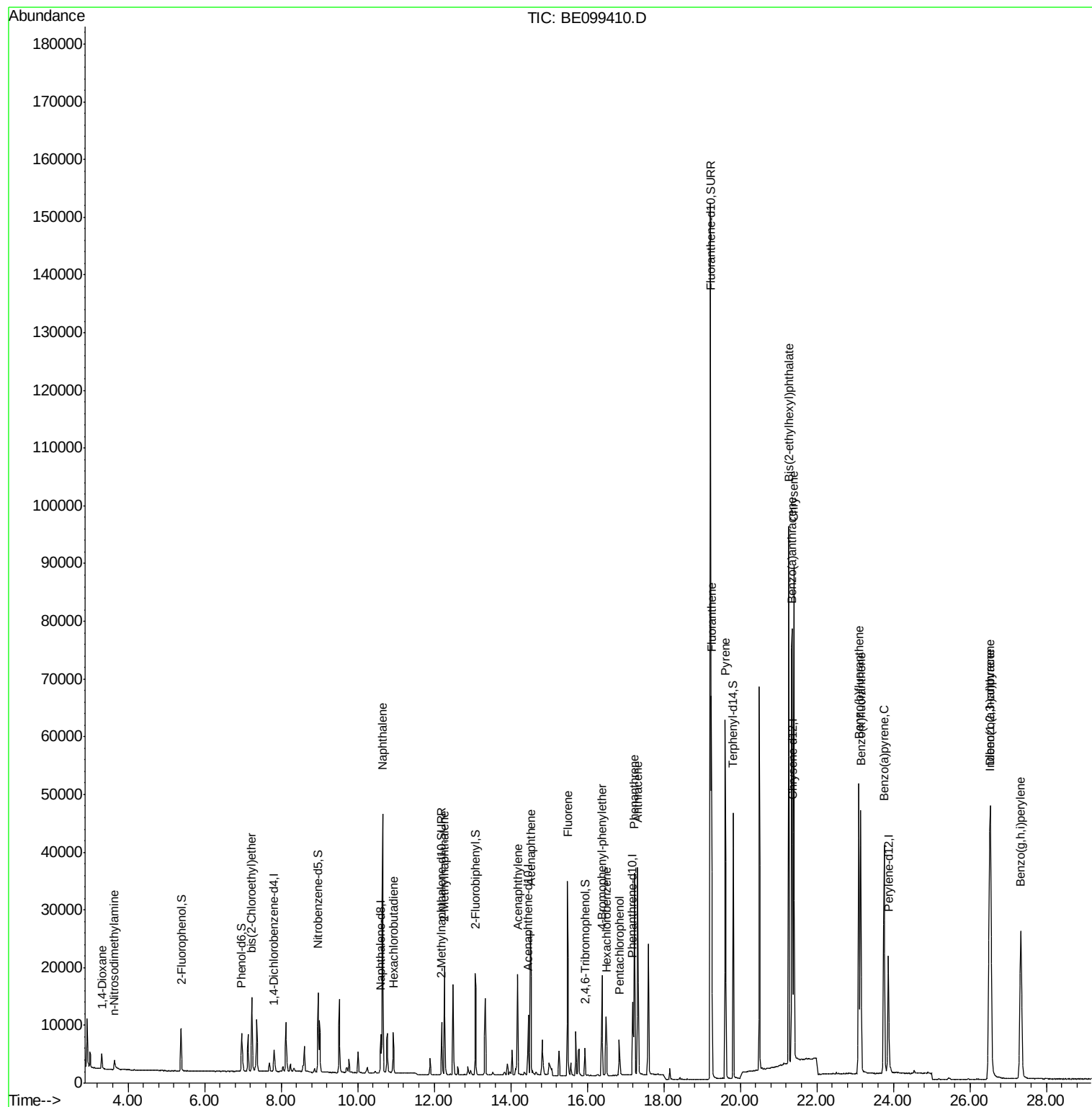
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	2304	0.797	ng	94
3) n-Nitrosodimethylamine	3.63	42	1329	0.854	ng	# 96
6) bis(2-Chloroethyl)ether	7.23	93	5406	0.804	ng	99
9) Naphthalene	10.65	128	70172	0.830	ng	99
10) Hexachlorobutadiene	10.93	225	4767	0.888	ng	98
12) 2-Methylnaphthalene	12.27	142	12375	0.860	ng	96
16) Acenaphthylene	14.18	152	23466	0.876	ng	98
17) Acenaphthene	14.51	154	13605	0.824	ng	98
18) Fluorene	15.49	166	20134	0.849	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	8619	0.871	ng	99
21) Hexachlorobenzene	16.49	284	8296	0.873	ng	99
22) Pentachlorophenol	16.84	266	3332	1.300	ng	98
23) Phenanthrene	17.23	178	38345	0.811	ng	100
24) Anthracene	17.32	178	36503	0.868	ng	99
26) Fluoranthene	19.25	202	57512	0.909	ng	99
28) Pyrene	19.61	202	59892	0.713	ng	100
30) Benzo(a)anthracene	21.34	228	71988	0.859	ng	96
31) Chrysene	21.40	228	71634	0.803	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	106216	1.392	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	83131	0.944	ng	99
35) Benzo(b)fluoranthene	23.10	252	69502	0.769	ng	99
36) Benzo(k)fluoranthene	23.15	252	67184	0.746	ng	99
37) Benzo(a)pyrene	23.76	252	66187	0.818	ng	98
38) Dibenzo(a,h)anthracene	26.54	278	68473	0.828	ng	97
39) Benzo(g,h,i)perylene	27.33	276	68366	0.815	ng	99

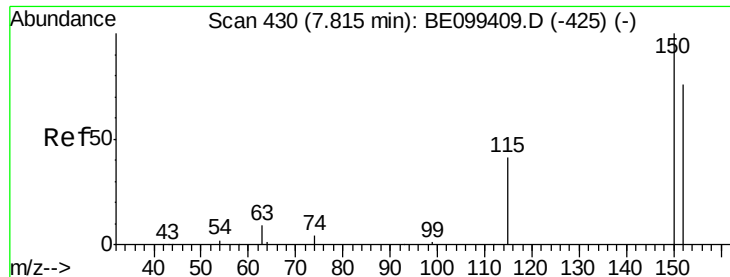
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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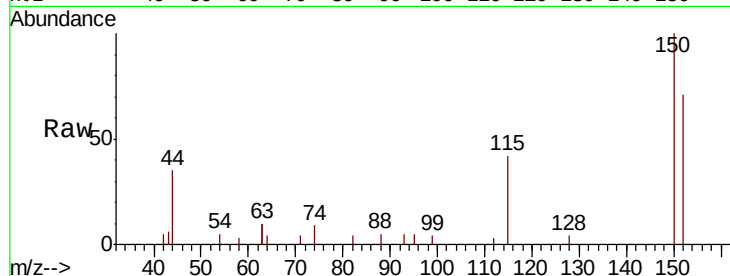


#1

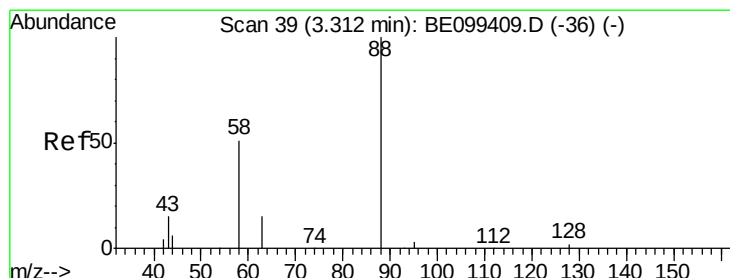
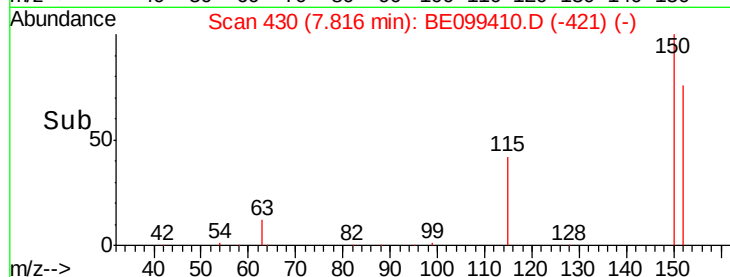
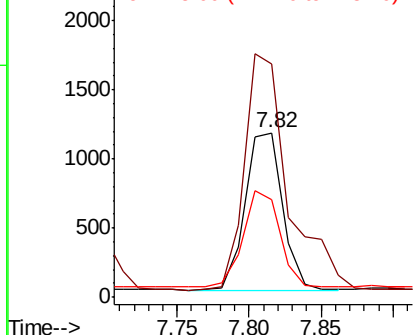
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099410.D
Acq: 29 Apr 2019 16:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2066
Ion Ratio Lower Upper
152 100
150 141.3 104.8 157.2
115 59.6 46.6 69.8



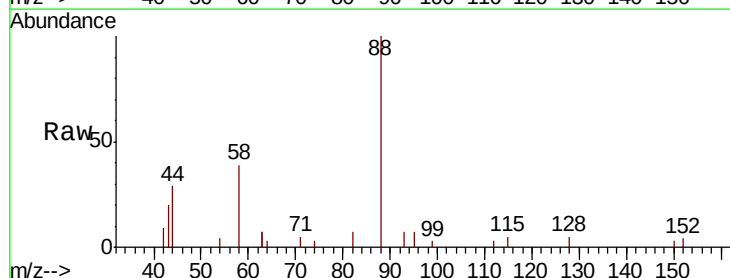
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



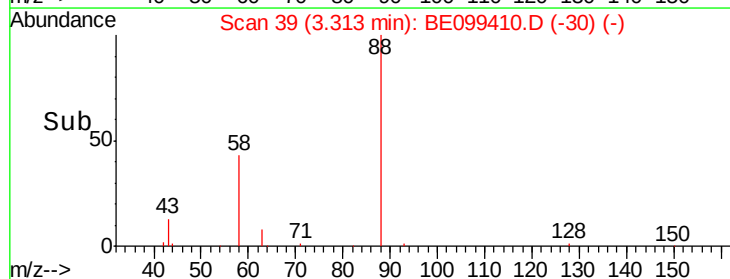
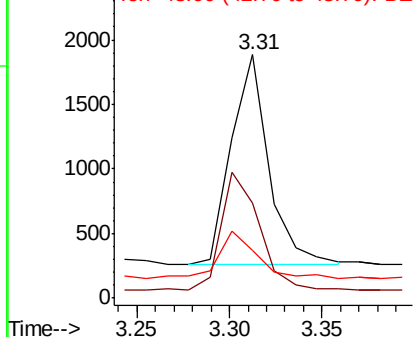
#2

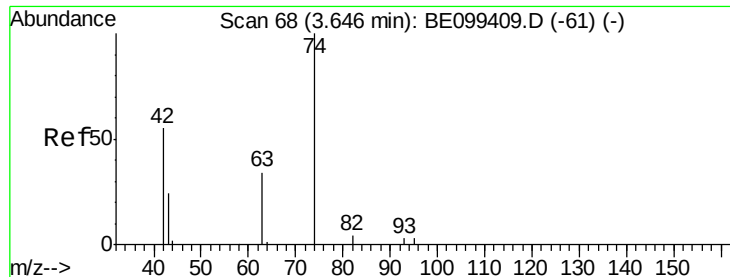
1,4-Dioxane
Concen: 0.797 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099410.D
Acq: 29 Apr 2019 16:06

Tgt Ion: 88 Resp: 2304
Ion Ratio Lower Upper
88 100
58 58.9 51.0 76.6
43 23.0 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: 0.854 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

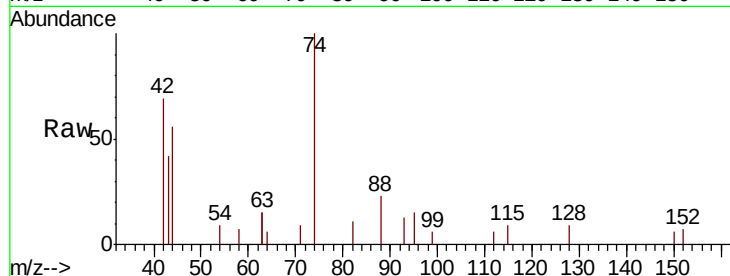
Tot Ion: 42 Resp: 1329

Ion Ratio Lower Upper

42 100

74 170.9 141.6 212.4

44 3.8 0.0 0.0#

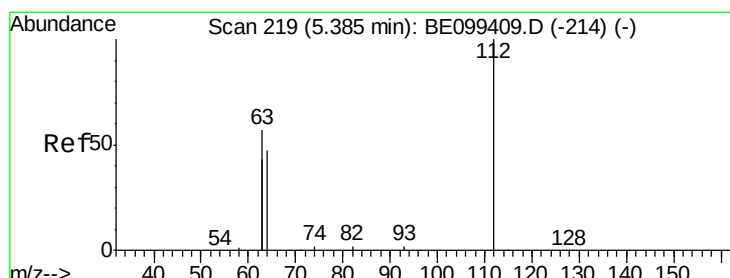
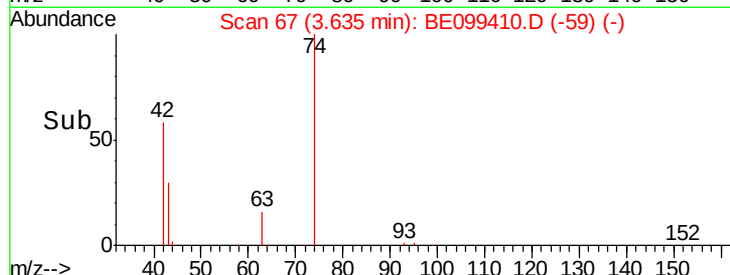
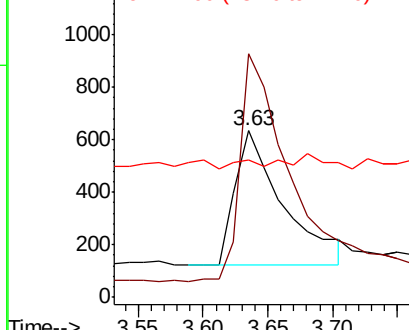


Abundance

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: 0.920 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

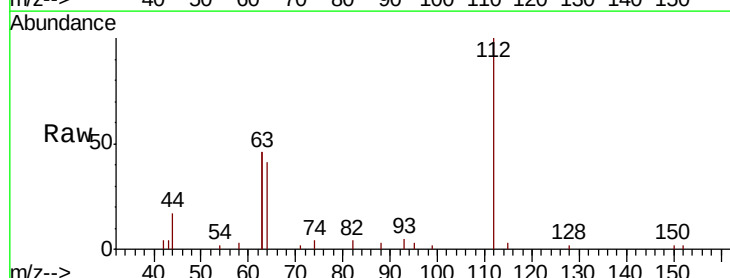
Tgt Ion: 112 Resp: 4646

Ion Ratio Lower Upper

112 100

64 55.9 47.4 71.0

63 125.4 104.3 156.5

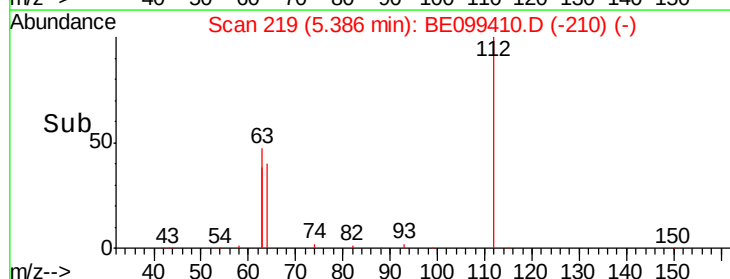
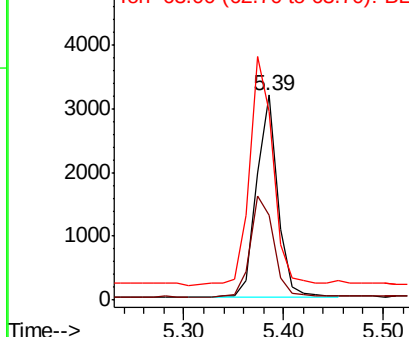


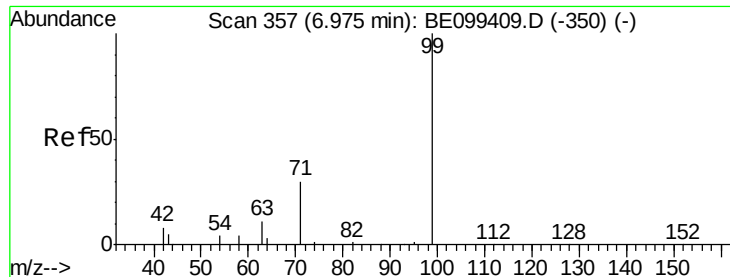
Abundance

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: 0.871 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

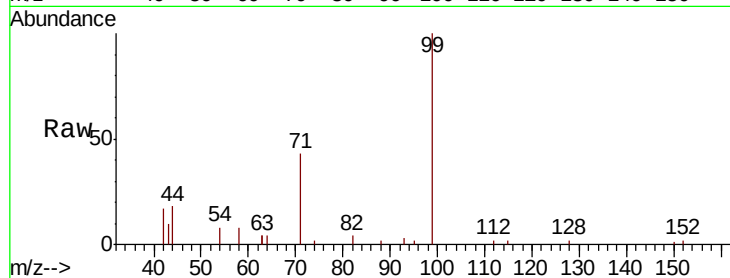
Tot Ion: 99 Resp: 6271

Ion Ratio Lower Upper

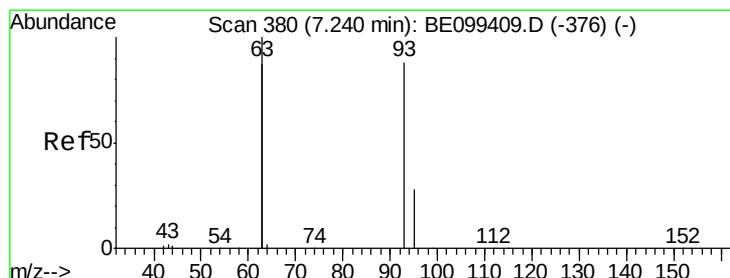
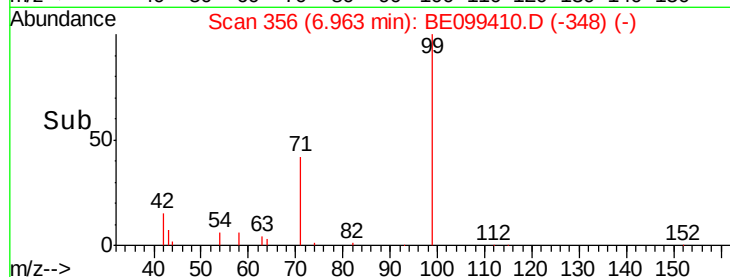
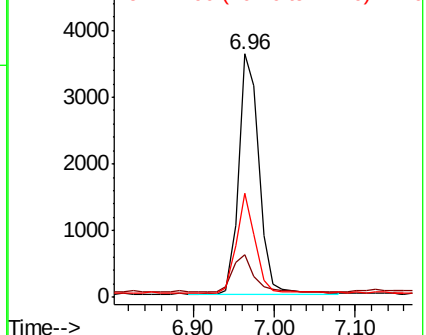
99 100

42 15.9 14.9 22.3

71 38.3 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: 0.804 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

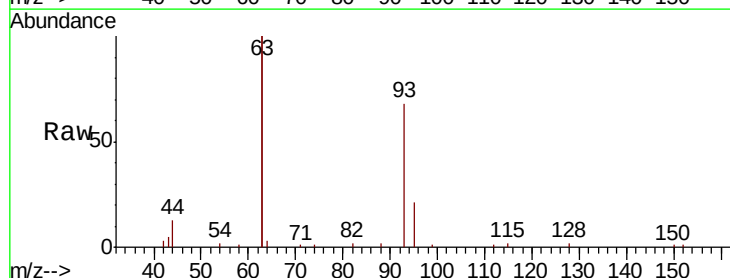
Tgt Ion: 93 Resp: 5406

Ion Ratio Lower Upper

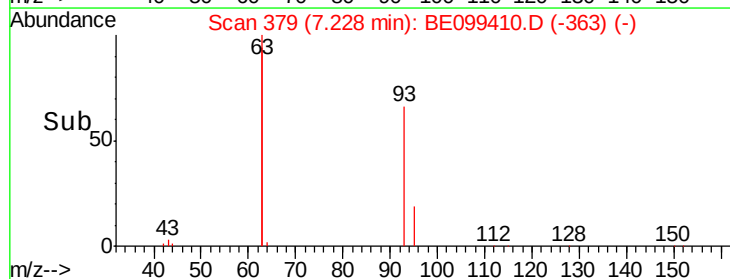
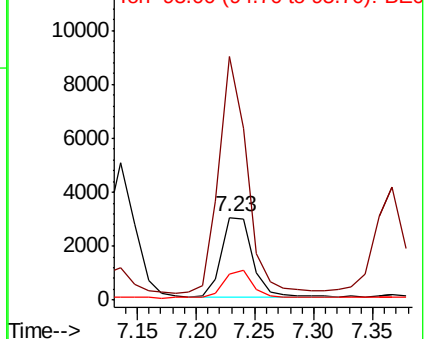
93 100

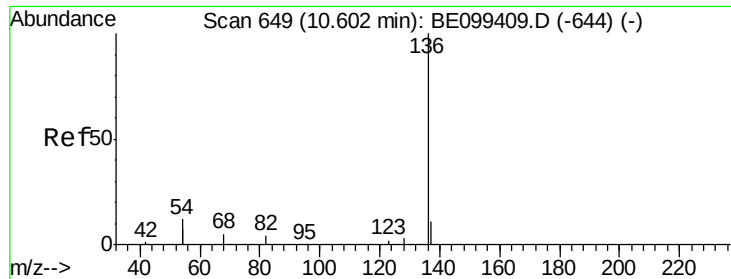
63 267.9 215.6 323.4

95 33.5 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: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7750

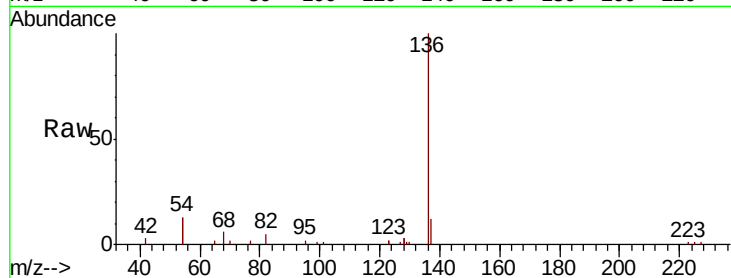
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 25.0 18.5 27.7

68 5.9 4.7 7.1

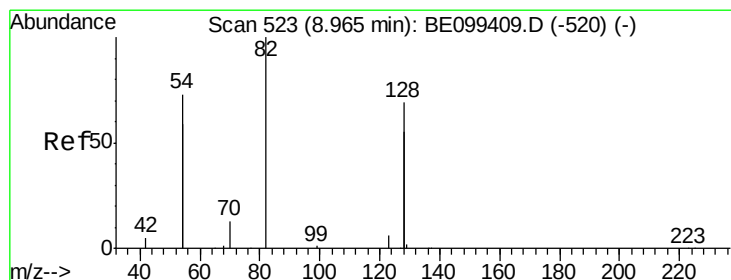
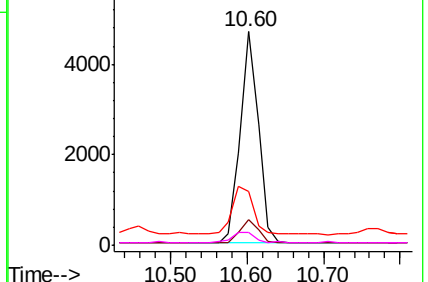
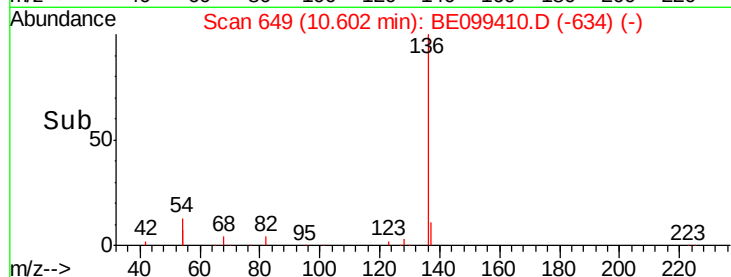


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.992 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

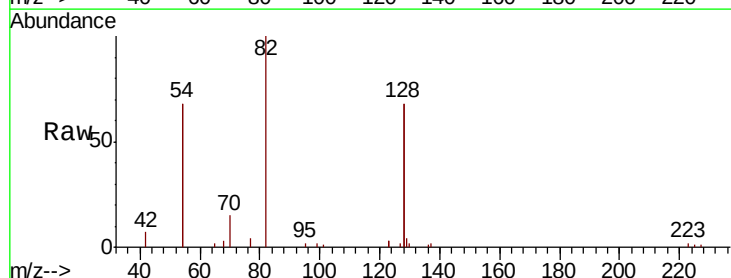
Tgt Ion: 82 Resp: 5968

Ion Ratio Lower Upper

82 100

128 135.0 107.0 160.4

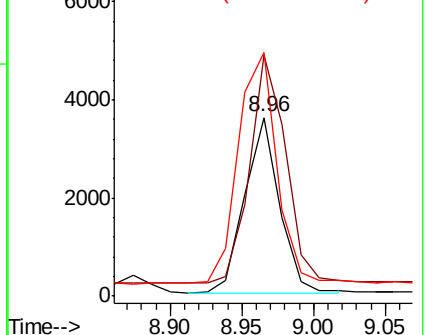
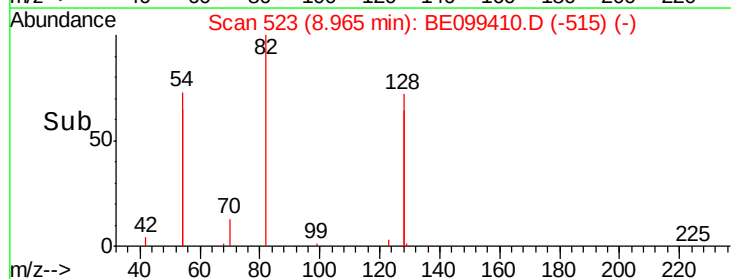
54 136.1 113.1 169.7

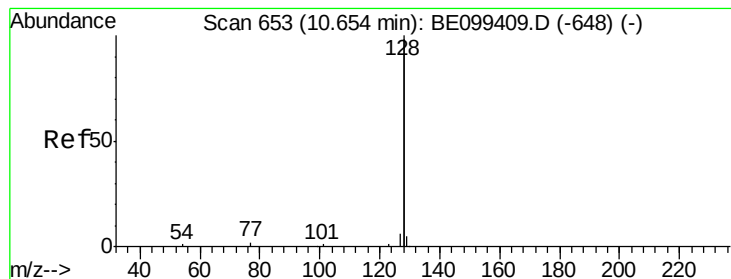


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.830 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampled :

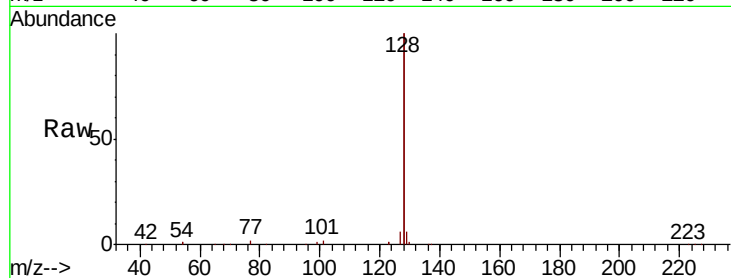
Tot Ion:128 Resp: 70172

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

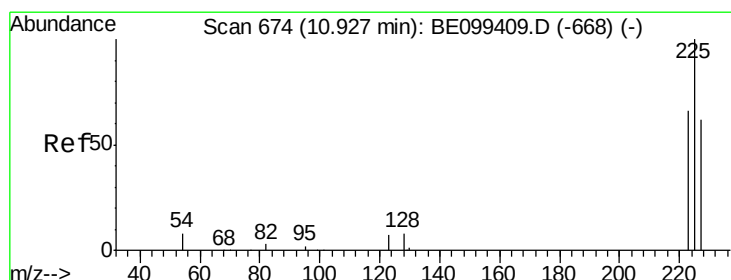
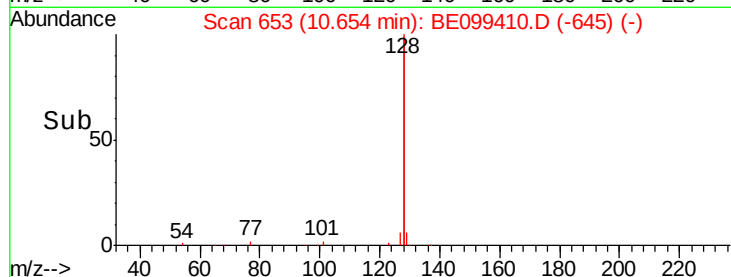
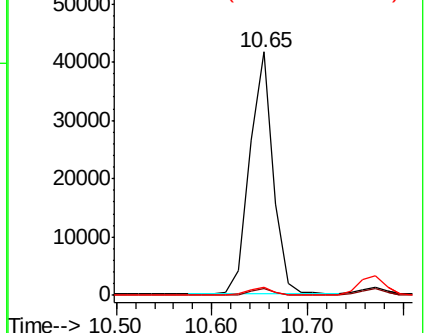
127 3.2 2.8 4.2



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: 0.888 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

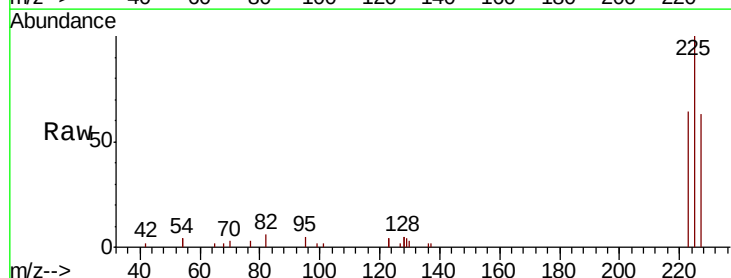
Tgt Ion:225 Resp: 4767

Ion Ratio Lower Upper

225 100

223 62.2 51.0 76.6

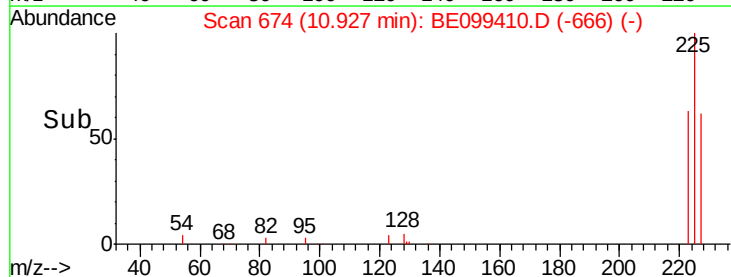
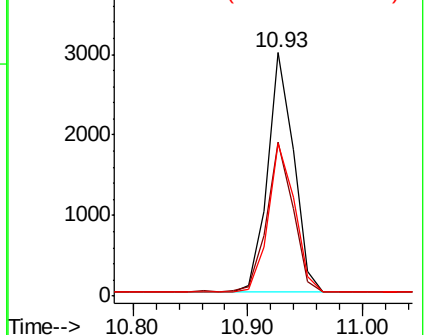
227 62.8 50.9 76.3

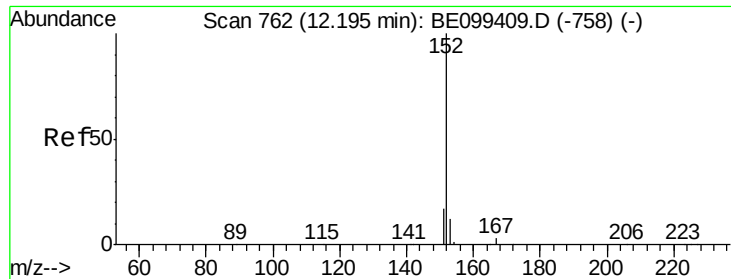


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

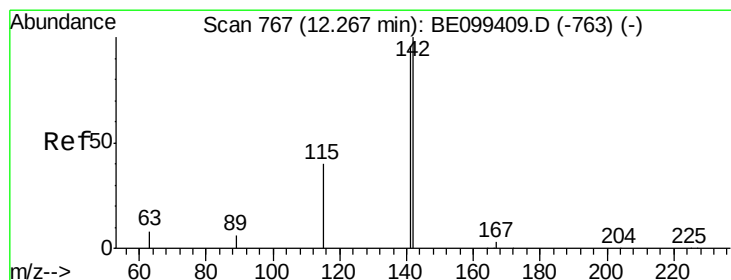
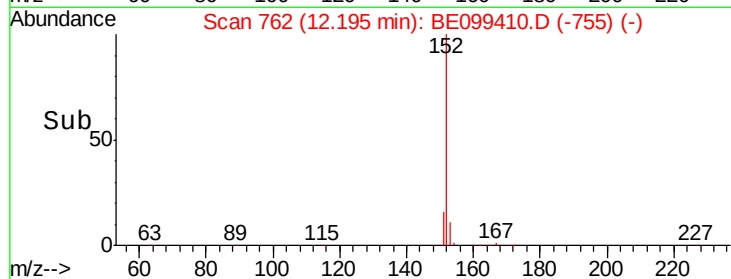
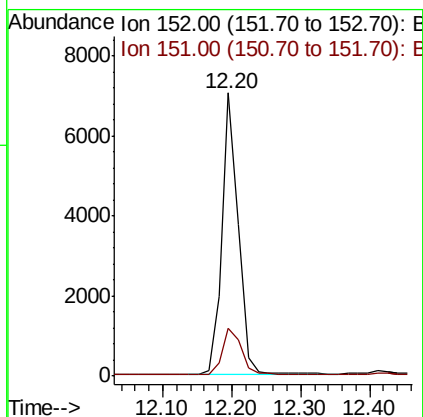
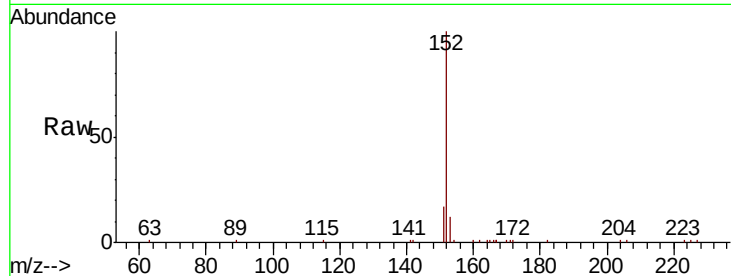




#11
 2-Methylnaphthalene-d10
 Concen: 0.846 ng
 RT: 12.20 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099410.D
 Acq: 29 Apr 2019 16:06

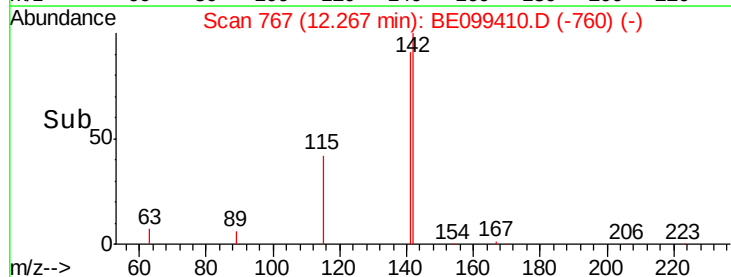
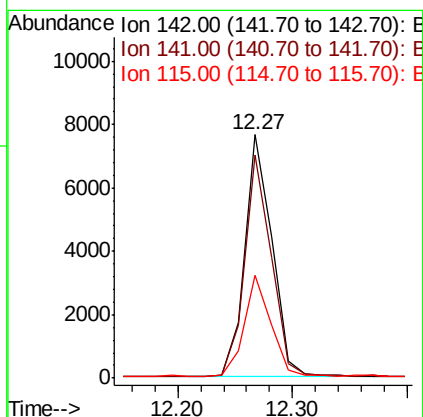
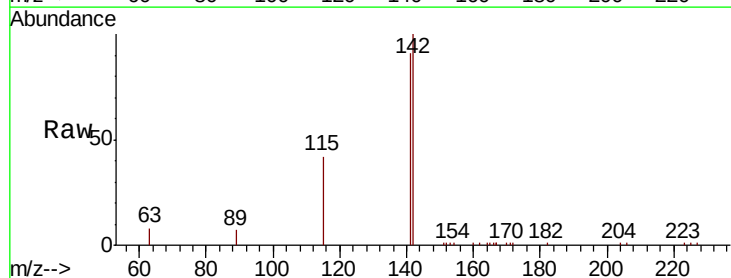
Instrument :
 BNA_E
 ClientSampleId :

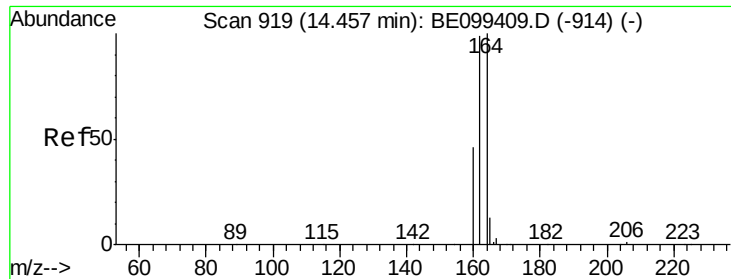
Tot Ion:152 Resp: 11564
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.860 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099410.D
 Acq: 29 Apr 2019 16:06

Tgt Ion:142 Resp: 12375
 Ion Ratio Lower Upper
 142 100
 141 91.5 77.0 115.4
 115 42.3 33.4 50.0

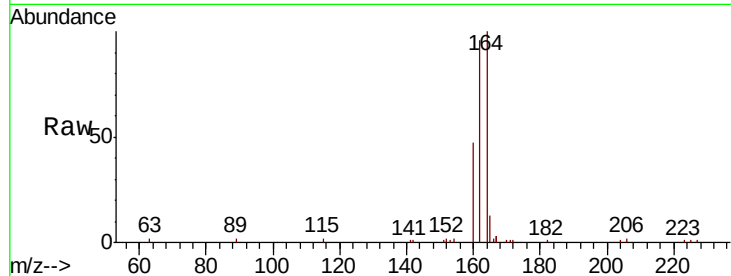




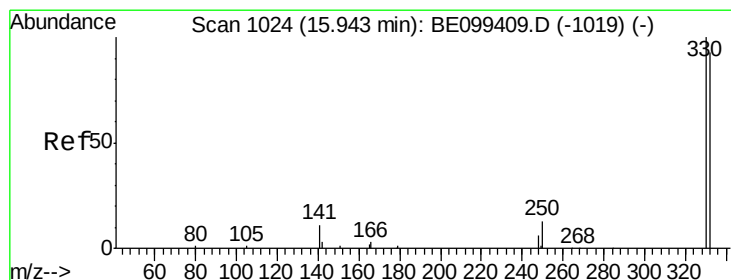
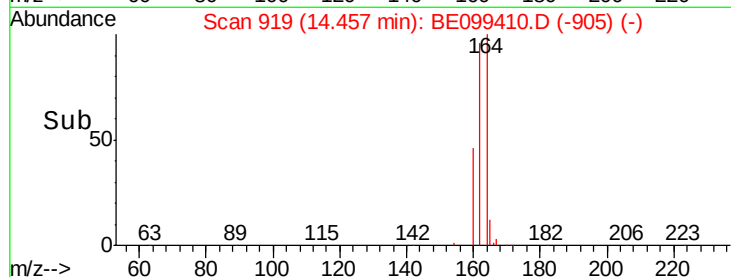
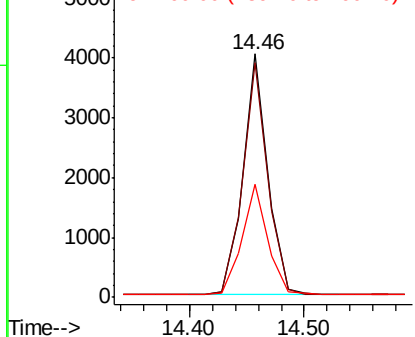
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099410.D
 Acq: 29 Apr 2019 16:06

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:164 Resp: 5928
 Ion Ratio Lower Upper
 164 100
 162 96.5 79.0 118.4
 160 46.5 37.0 55.4

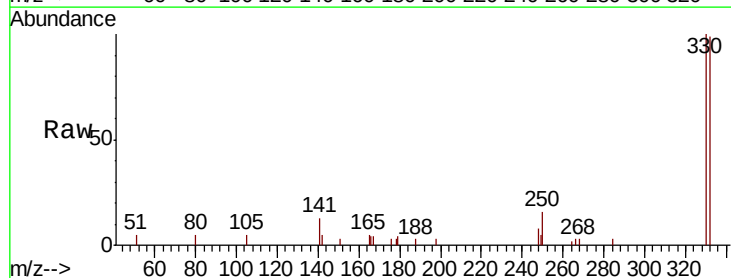


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

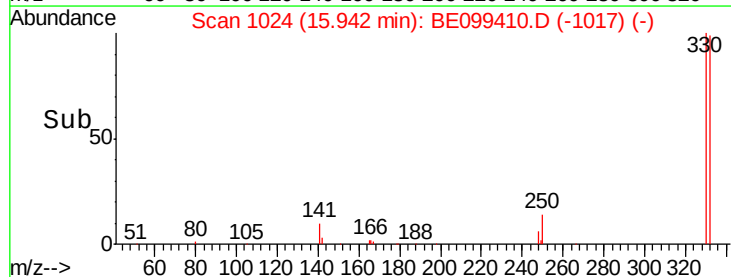
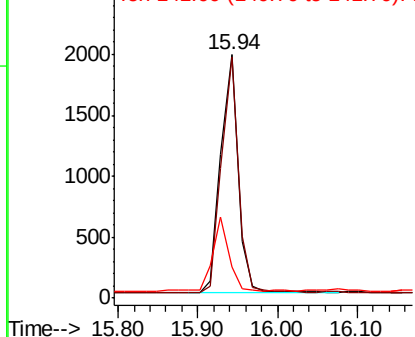


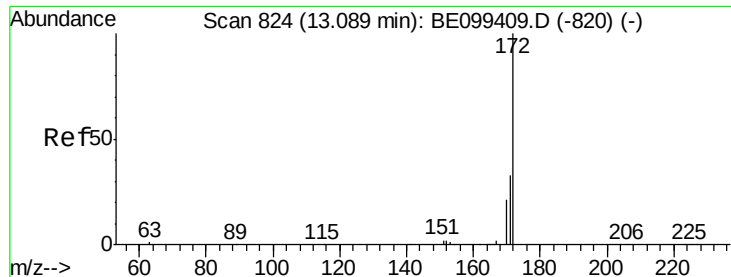
#14
 2,4,6-Tribromophenol
 Concen: 1.508 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099410.D
 Acq: 29 Apr 2019 16:06

Tgt Ion:330 Resp: 2969
 Ion Ratio Lower Upper
 330 100
 332 97.3 71.5 107.3
 141 28.6 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: 0.793 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

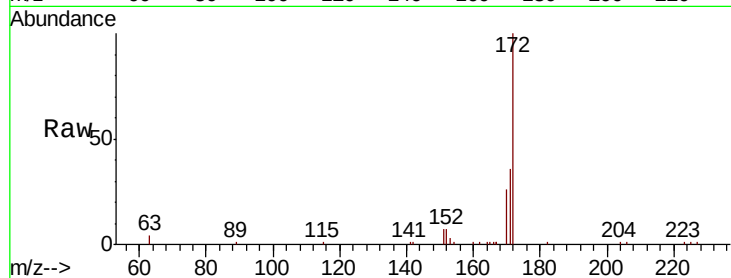
Tot Ion:172 Resp: 18487

Ion Ratio Lower Upper

172 100

171 36.2 26.6 39.8

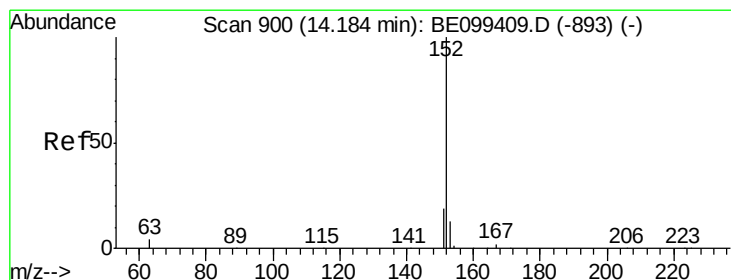
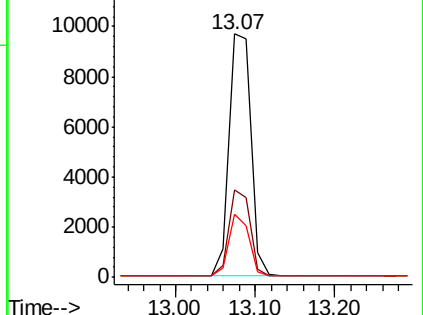
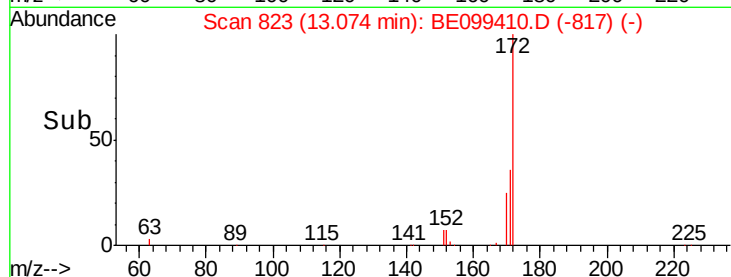
170 25.8 17.0 25.6#



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: 0.876 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

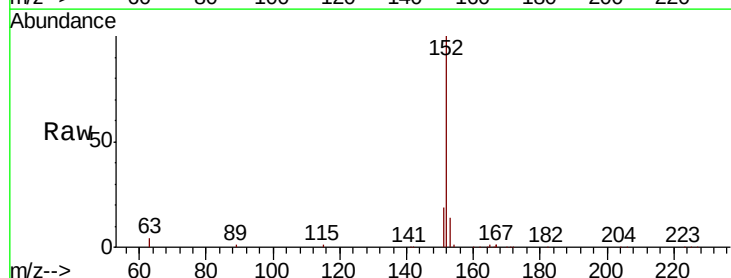
Tgt Ion:152 Resp: 23466

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.2

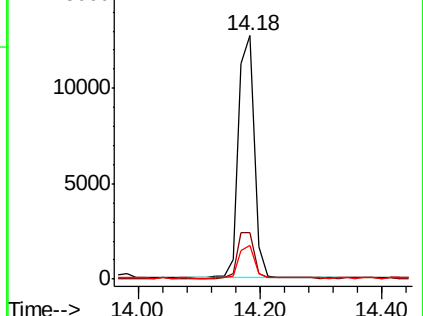
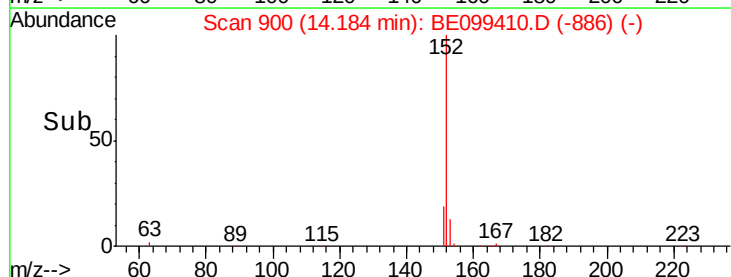
153 13.1 9.8 14.6

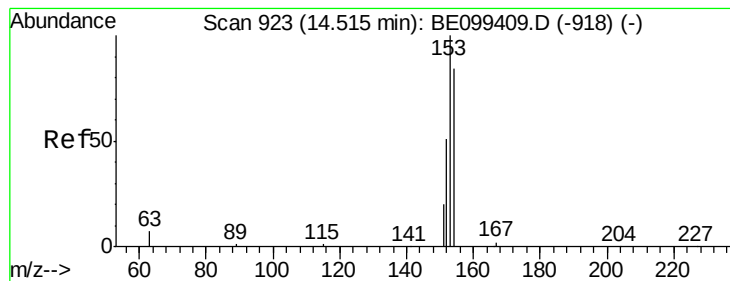


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.824 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

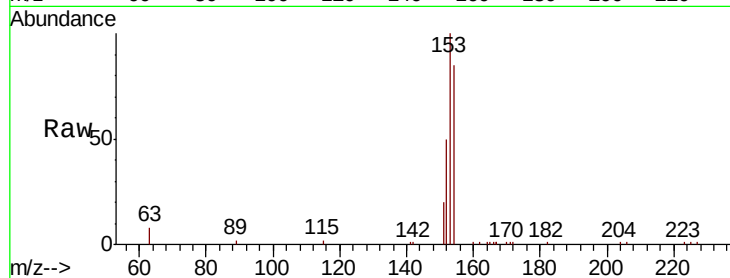
Tot Ion:154 Resp: 13605

Ion Ratio Lower Upper

154 100

153 113.7 92.6 138.8

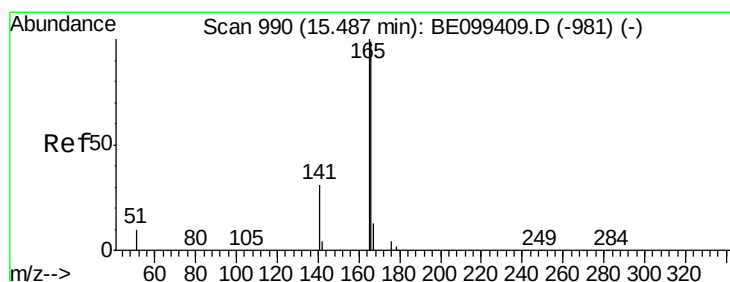
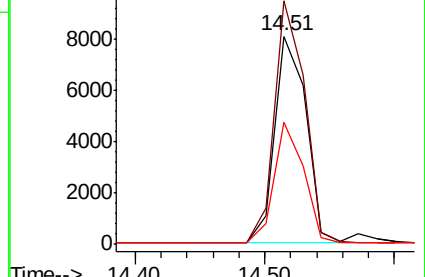
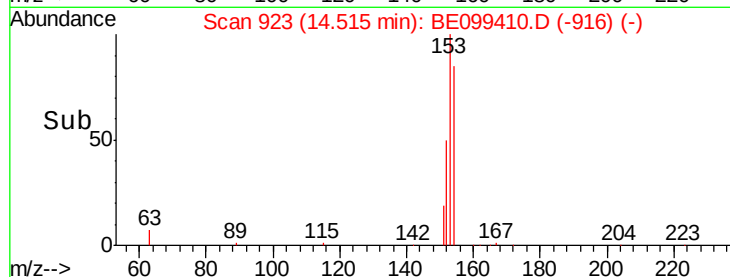
152 55.2 45.8 68.8



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: 0.849 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

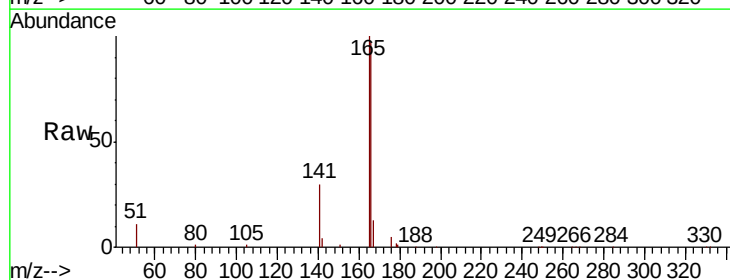
Tgt Ion:166 Resp: 20134

Ion Ratio Lower Upper

166 100

165 100.0 80.3 120.5

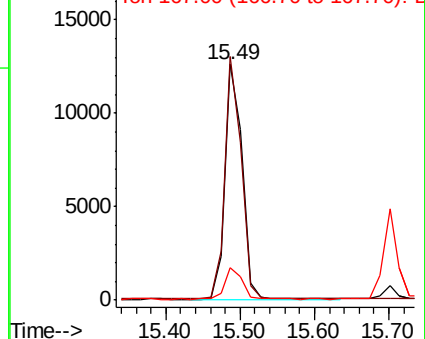
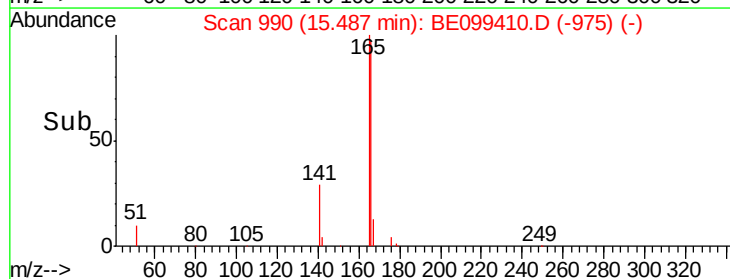
167 13.4 10.7 16.1

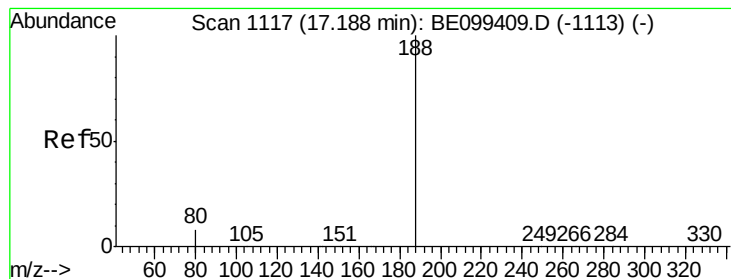


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

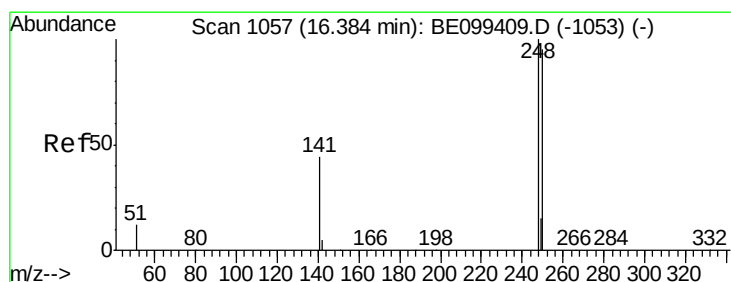
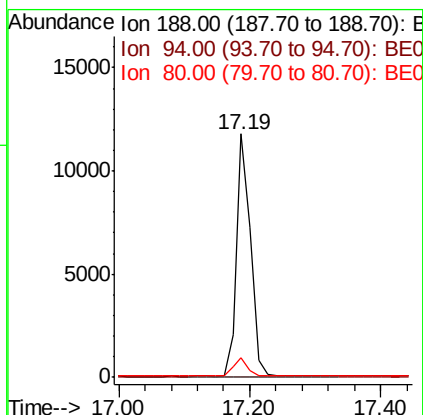
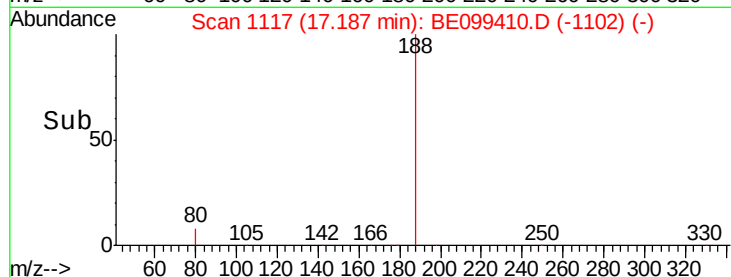
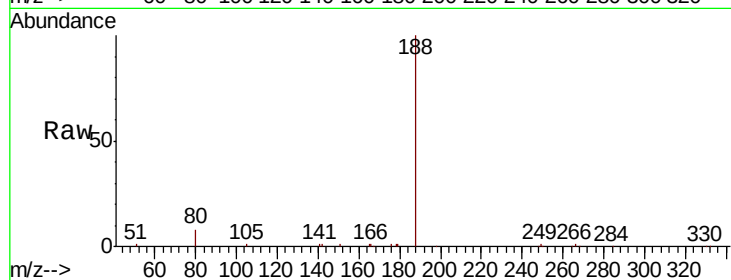
Tot Ion:188 Resp: 17853

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.871 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

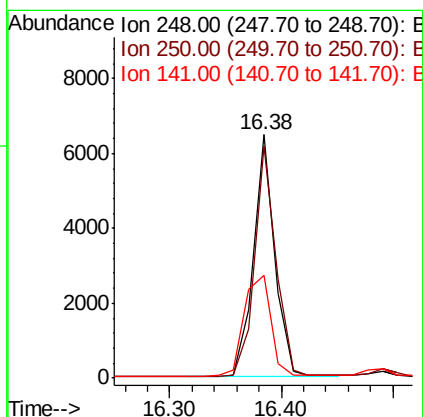
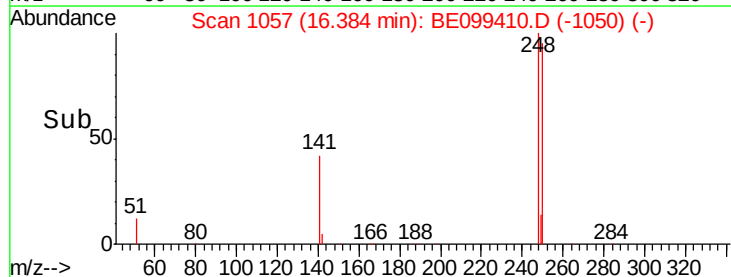
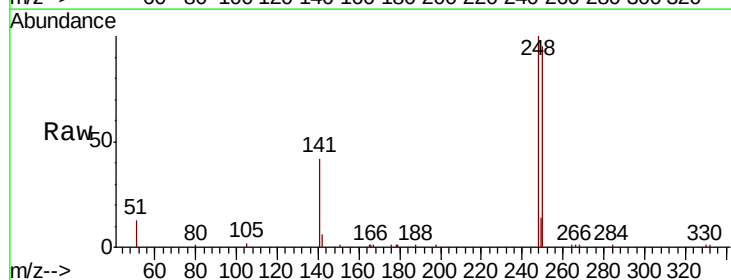
Tgt Ion:248 Resp: 8619

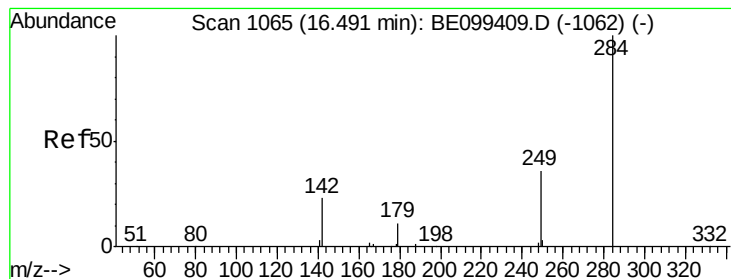
Ion Ratio Lower Upper

248 100

250 95.4 75.8 113.8

141 42.5 35.7 53.5





#21

Hexachlorobenzene

Concen: 0.873 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

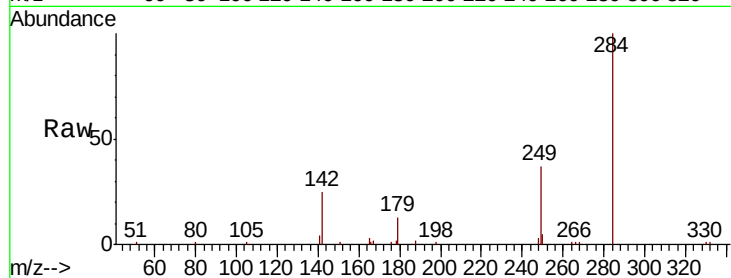
Tot Ion:284 Resp: 8296

Ion Ratio Lower Upper

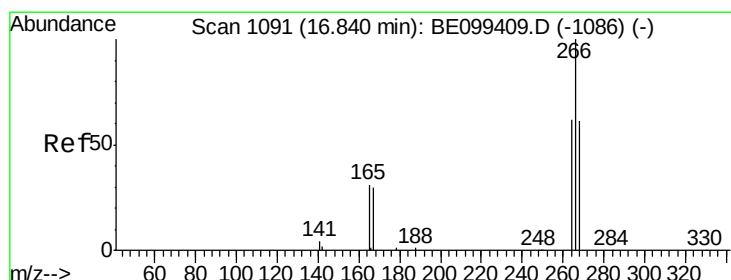
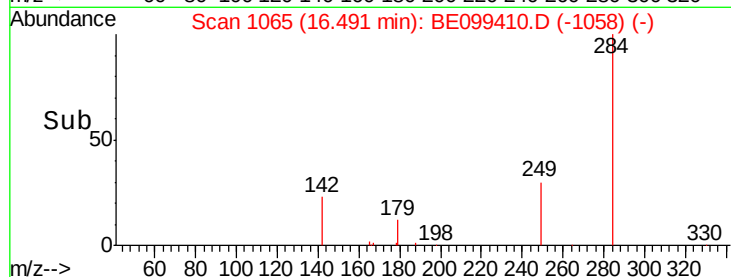
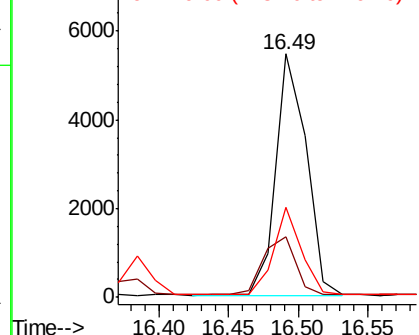
284 100

142 25.8 21.0 31.6

249 33.1 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: 1.300 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

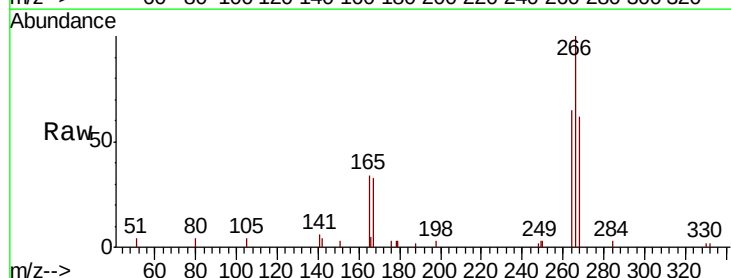
Tgt Ion:266 Resp: 3332

Ion Ratio Lower Upper

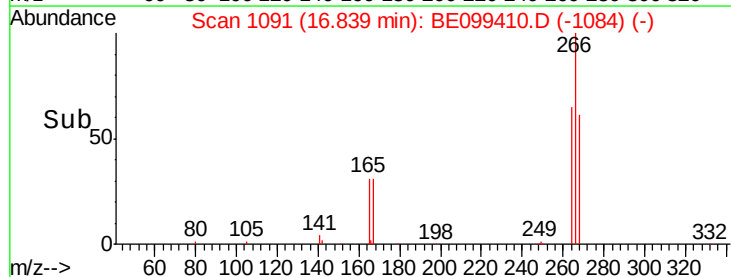
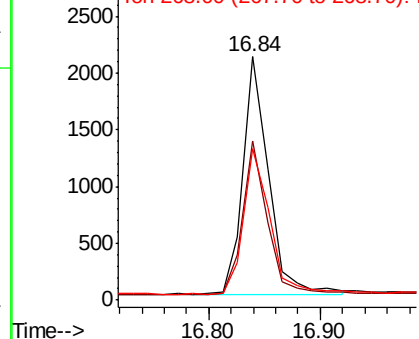
266 100

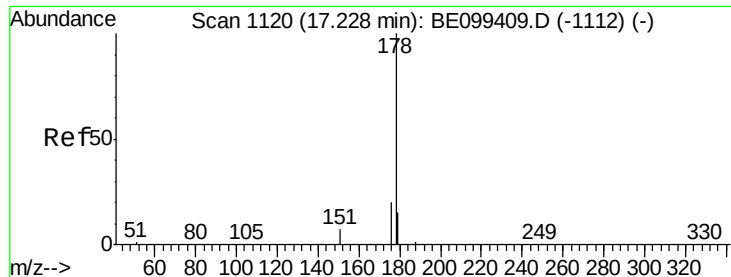
264 65.2 50.8 76.2

268 62.4 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: 0.811 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

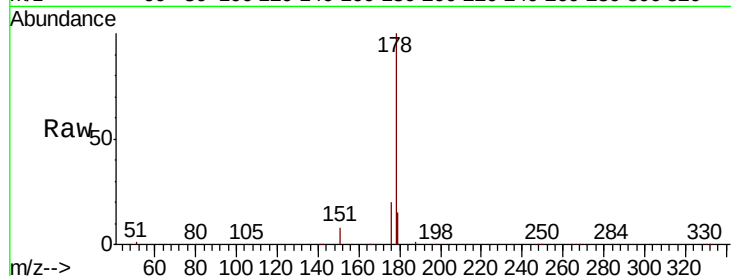
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 38345

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.2	12.0	18.0

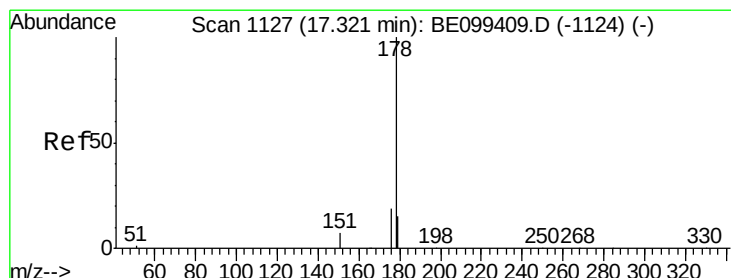
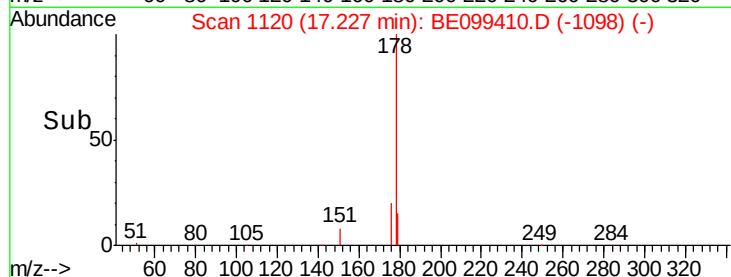
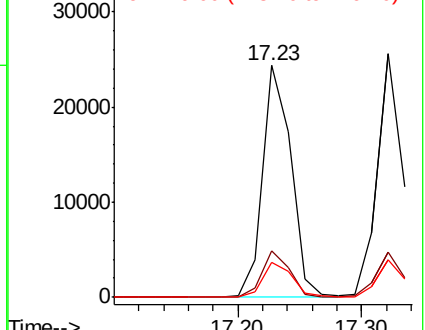


Abundance

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: 0.868 ng

RT: 17.32 min Scan# 1127

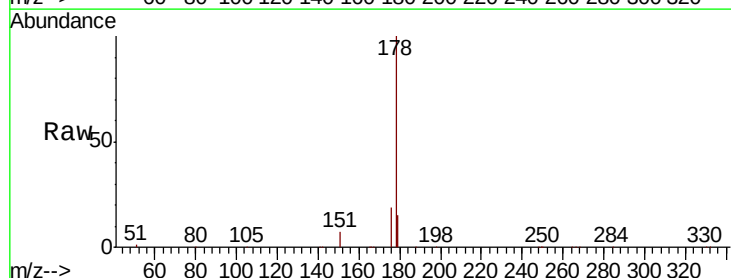
Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Tgt Ion:178 Resp: 36503

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	11.9	17.9

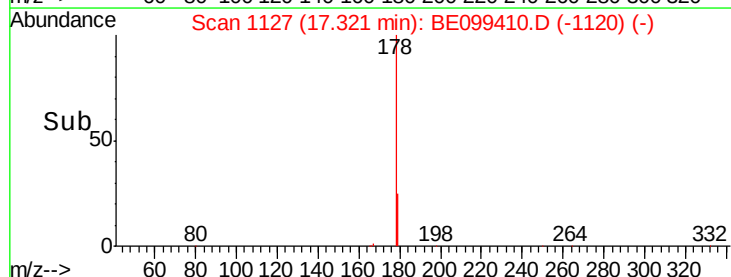
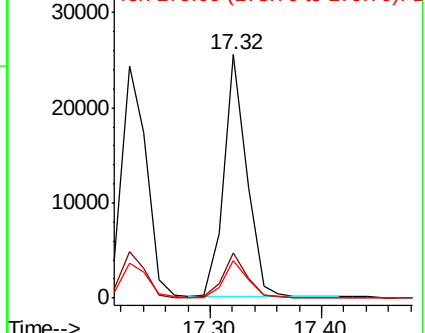


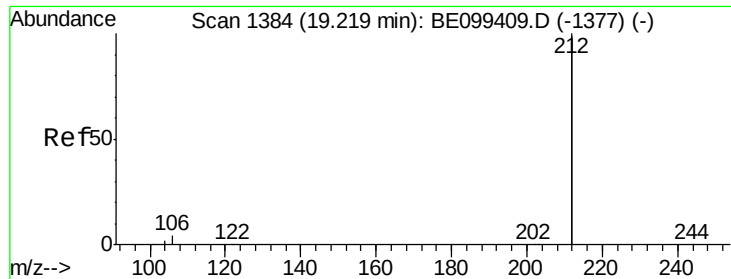
Abundance

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: 0.933 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

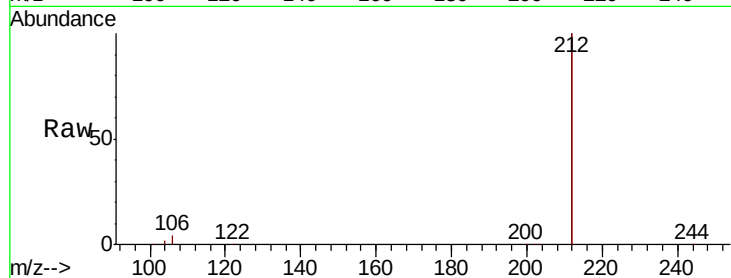
Tot Ion:212 Resp: 200146

Ion Ratio Lower Upper

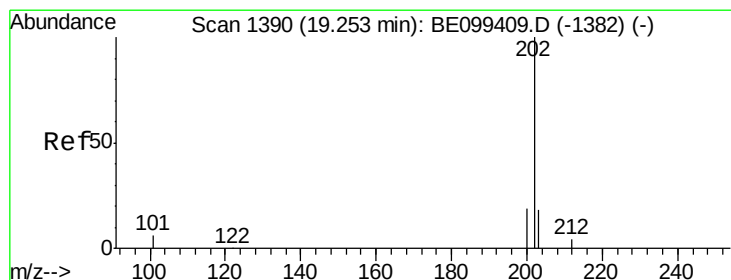
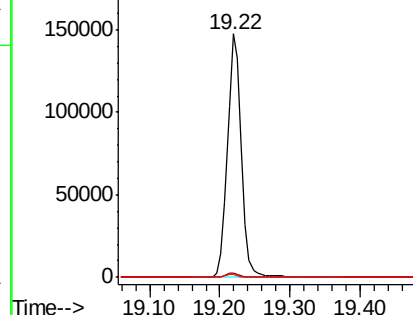
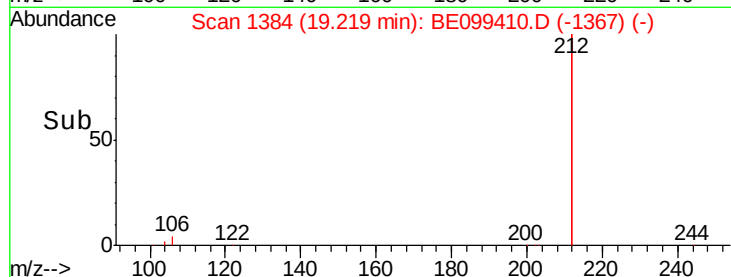
212 100

106 1.9 1.5 2.3

104 1.1 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E
200000
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.909 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

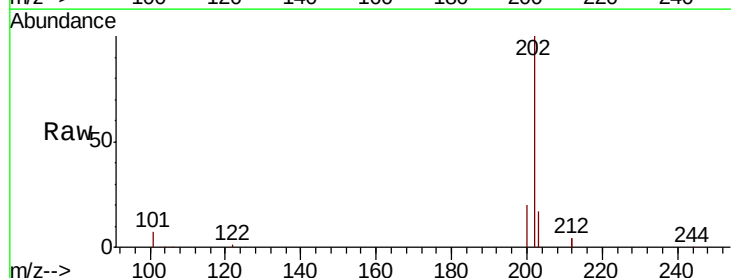
Tgt Ion:202 Resp: 57512

Ion Ratio Lower Upper

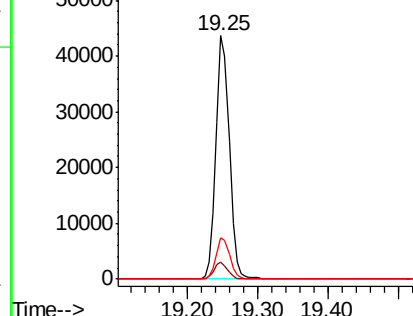
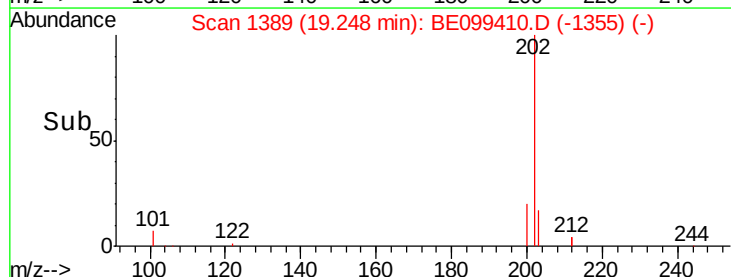
202 100

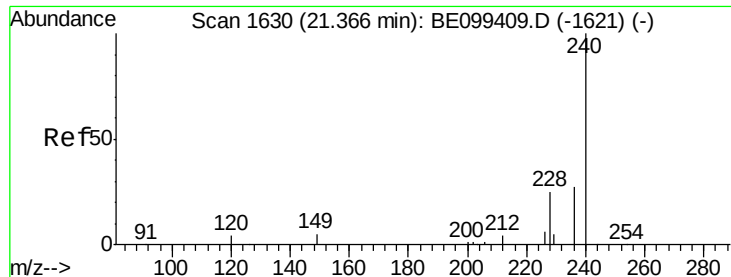
101 6.9 5.4 8.0

203 17.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
60000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

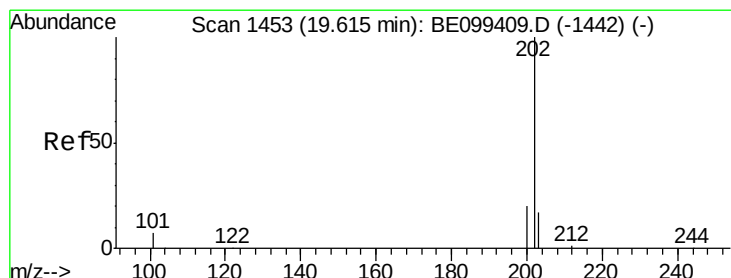
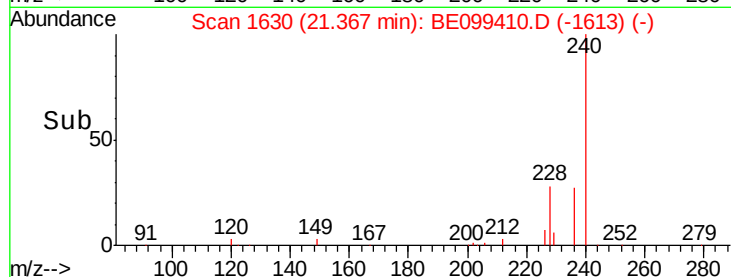
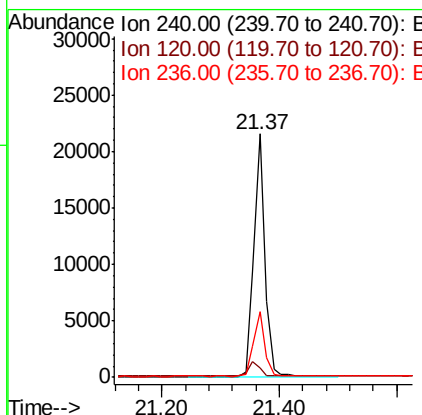
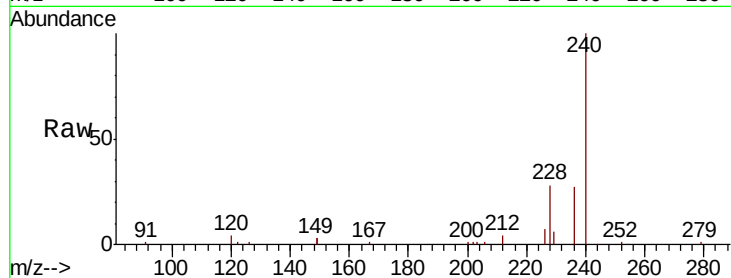




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099410.D
 Acq: 29 Apr 2019 16:06

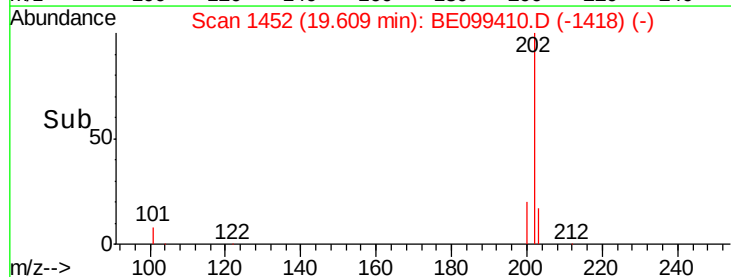
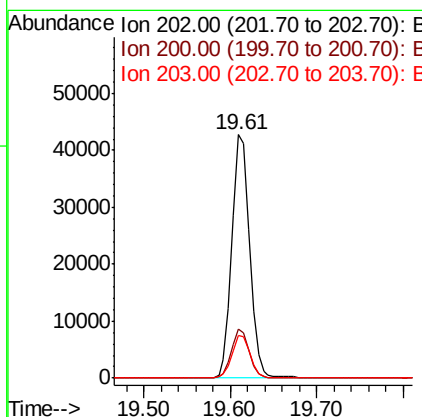
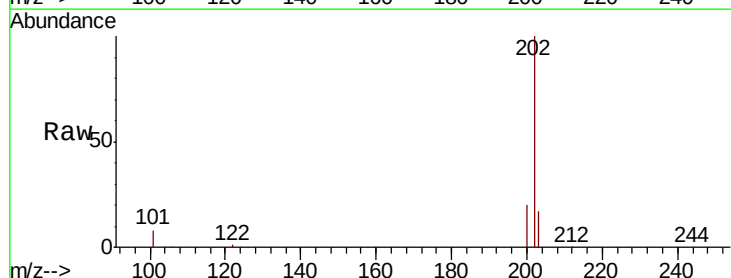
Instrument :
 BNA_E
 ClientSampled :

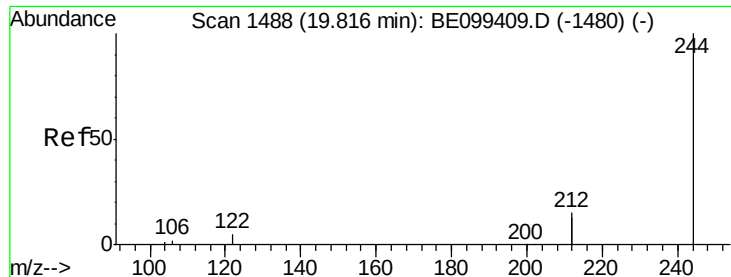
Tot Ion:240 Resp: 28516
 Ion Ratio Lower Upper
 240 100
 120 3.6 4.0 6.0#
 236 26.9 22.0 33.0



#28
 Pyrene
 Concen: 0.713 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099410.D
 Acq: 29 Apr 2019 16:06

Tgt Ion:202 Resp: 59892
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.7 23.5
 203 17.7 13.9 20.9





#29

Terphenyl-d14

Concen: 0.746 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampled :

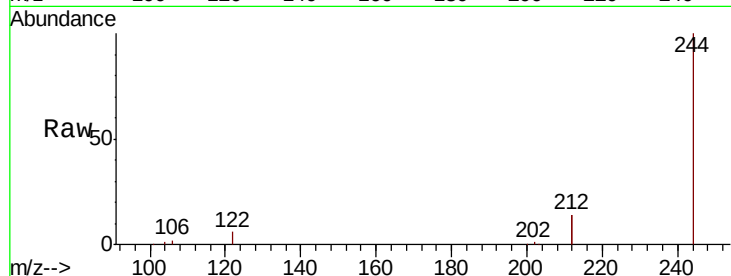
Tot Ion:244 Resp: 41848

Ion Ratio Lower Upper

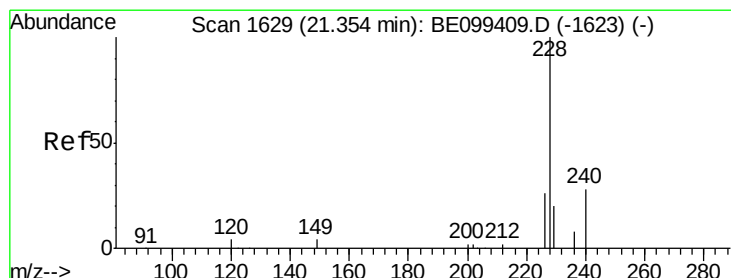
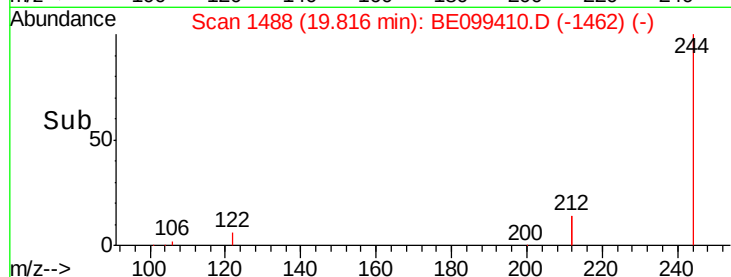
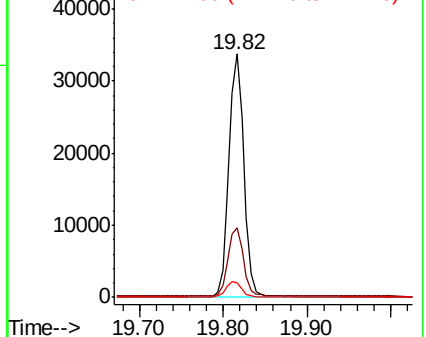
244 100

212 28.8 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: 0.859 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

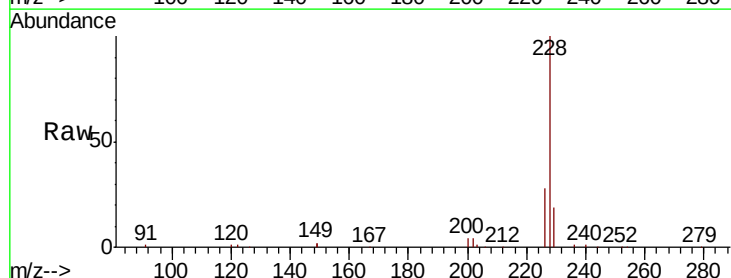
Tgt Ion:228 Resp: 71988

Ion Ratio Lower Upper

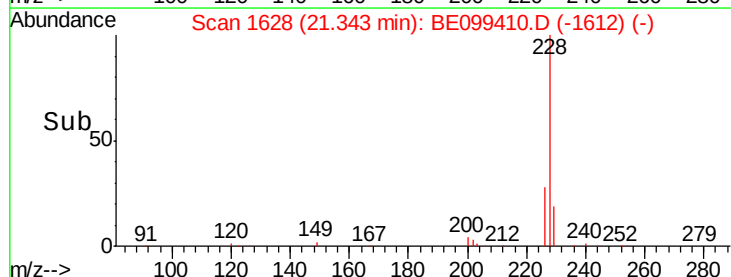
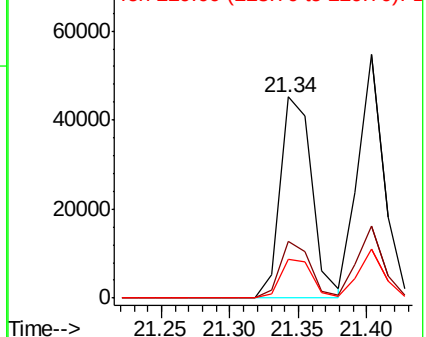
228 100

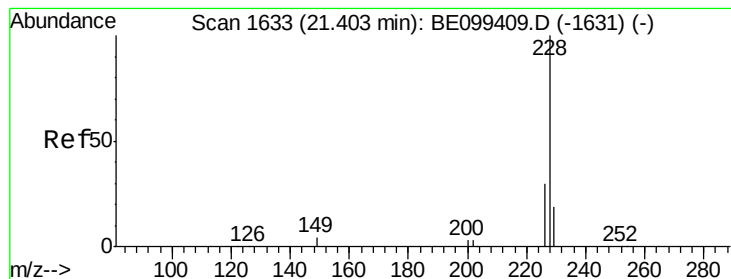
226 28.4 21.0 31.6

229 19.1 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: 0.803 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

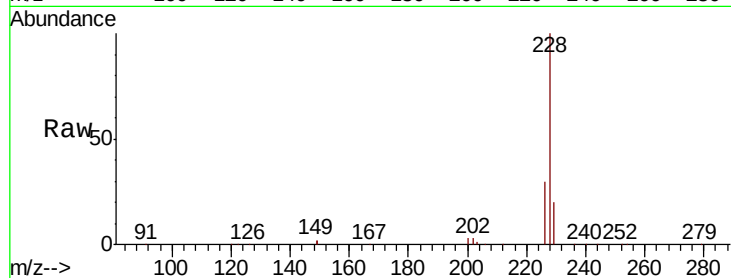
Tot Ion:228 Resp: 71634

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

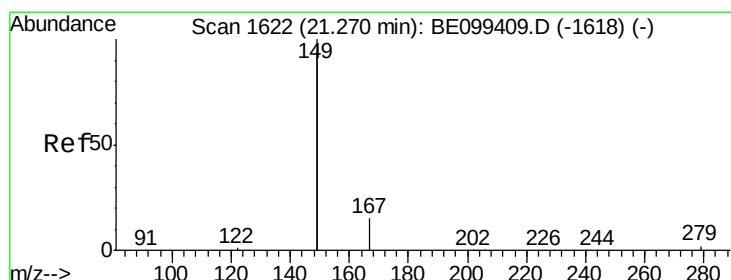
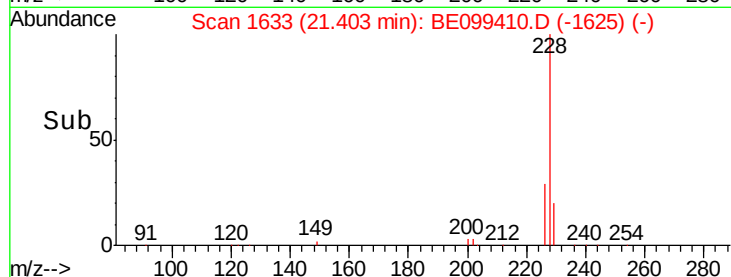
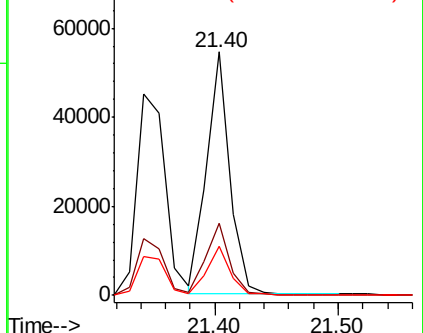
229 19.9 15.8 23.8



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: 1.392 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

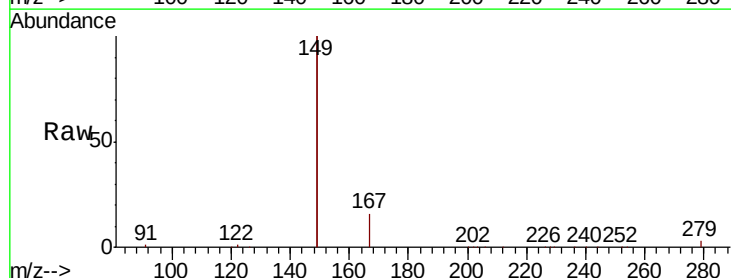
Tgt Ion:149 Resp: 106216

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

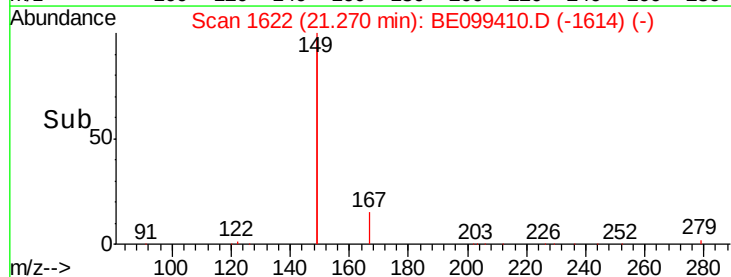
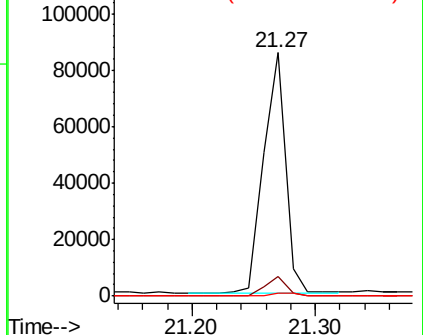
279 1.3 1.0 1.6

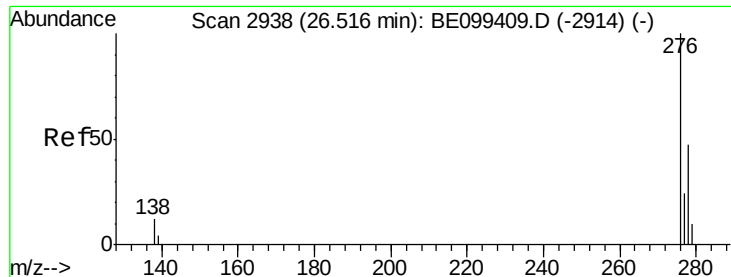


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

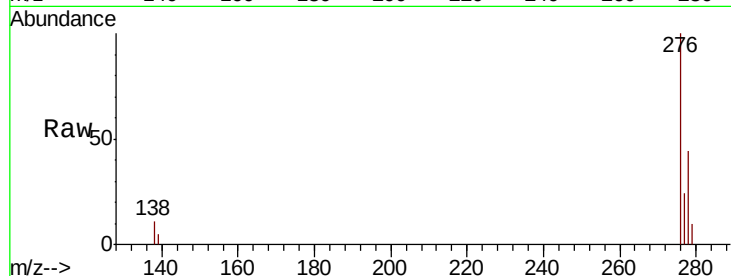




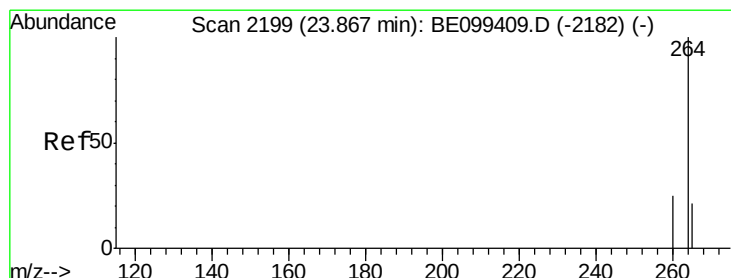
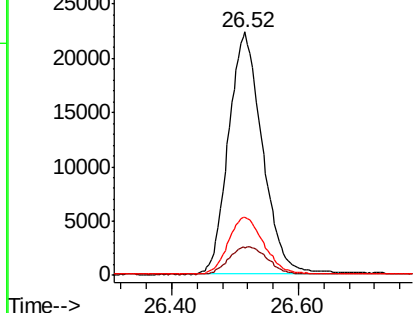
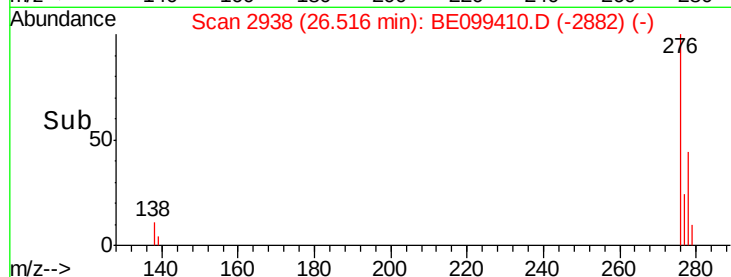
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.944 ng
 RT: 26.52 min Scan# 2938
 Delta R.T. -0.00 min
 Lab File: BE099410.D
 Acq: 29 Apr 2019 16:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 83131
 Ion Ratio Lower Upper
 276 100
 138 12.8 10.2 15.2
 277 24.5 19.2 28.8

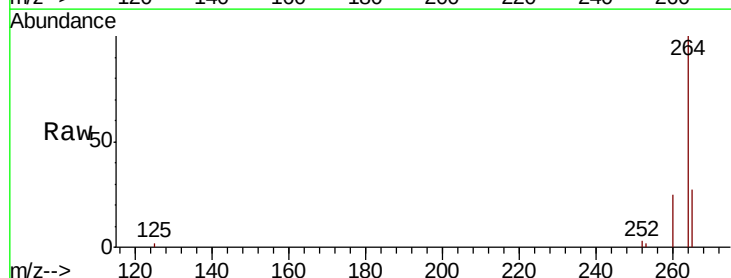


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

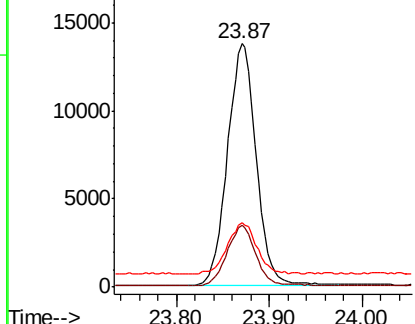
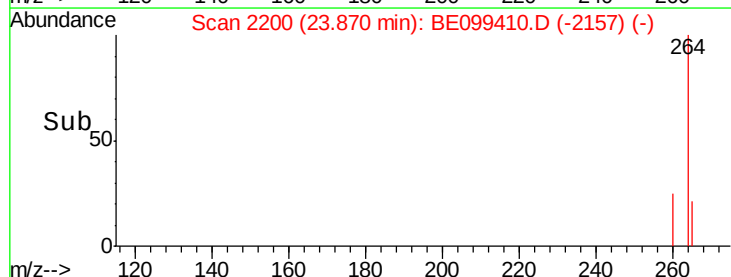


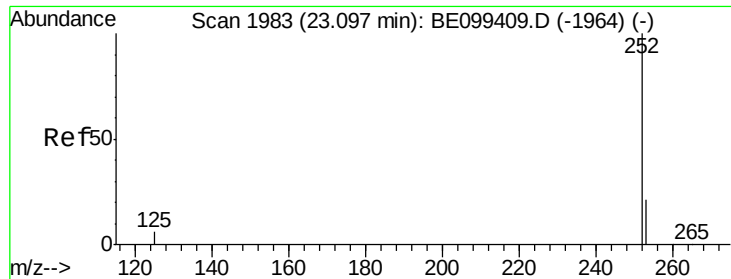
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: BE099410.D
 Acq: 29 Apr 2019 16:06

Tgt Ion:264 Resp: 29504
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 26.5 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

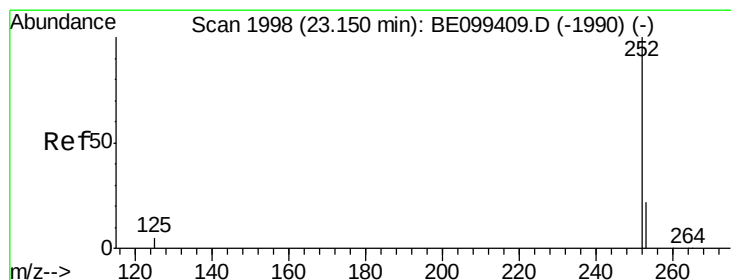
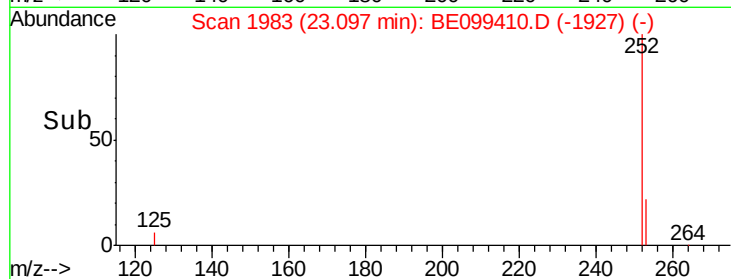
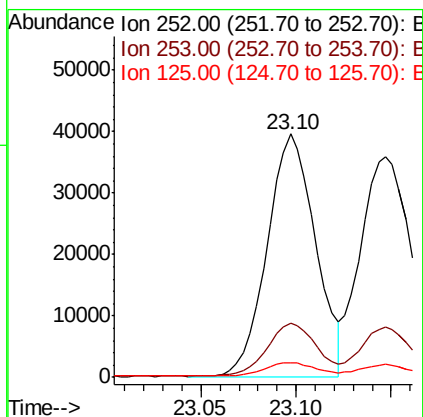
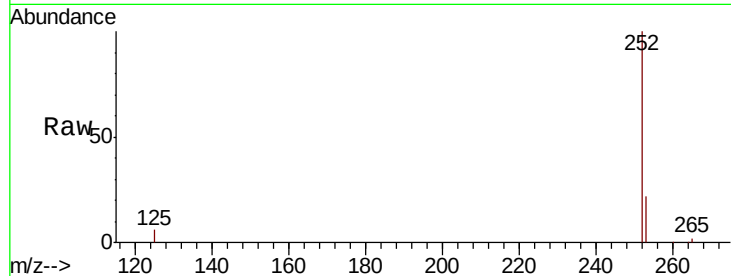




#35
Benzo(b)fluoranthene
Concen: 0.769 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BE099410.D
Acq: 29 Apr 2019 16:06

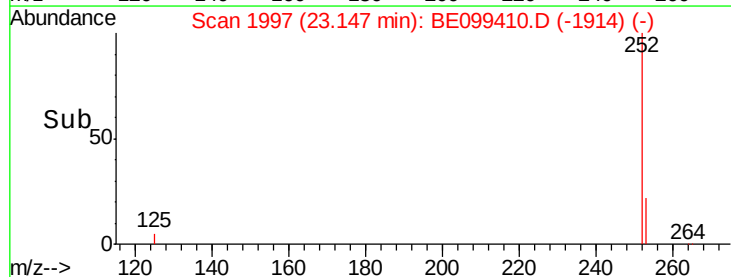
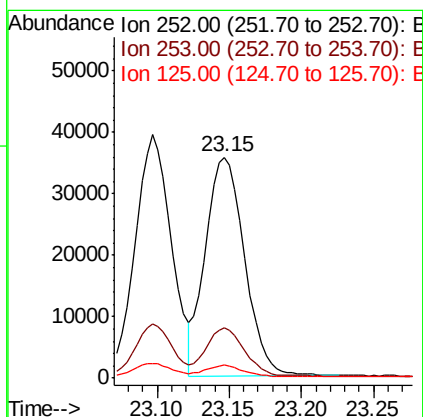
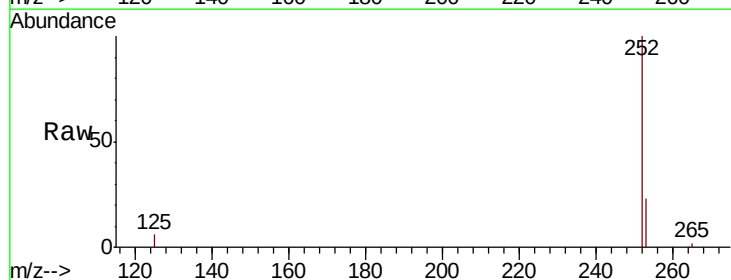
Instrument :
BNA_E
ClientSampleId :

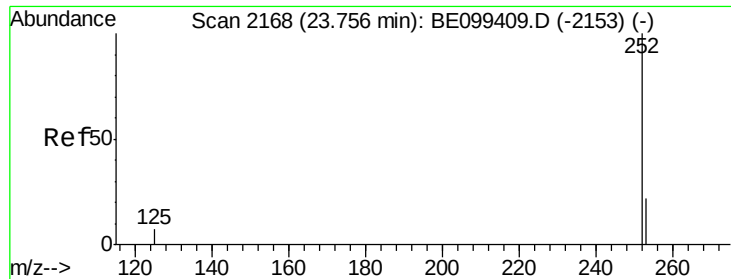
Tot Ion:252 Resp: 69502
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 6.2 5.6 8.4



#36
Benzo(k)fluoranthene
Concen: 0.746 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099410.D
Acq: 29 Apr 2019 16:06

Tgt Ion:252 Resp: 67184
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 5.8 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.818 ng

RT: 23.76 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :

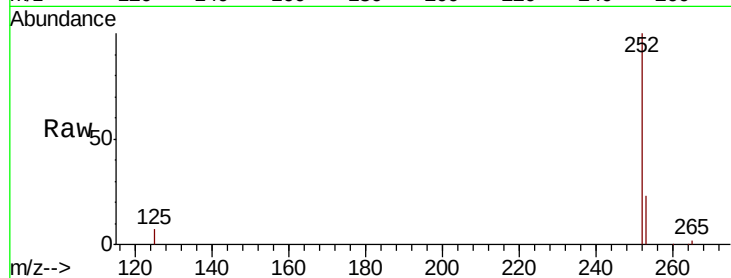
Tot Ion:252 Resp: 66187

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

125 7.2 6.7 10.1

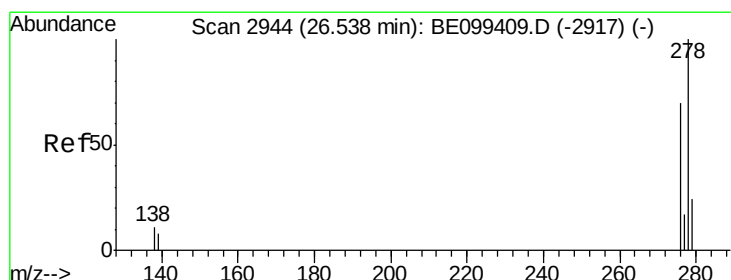
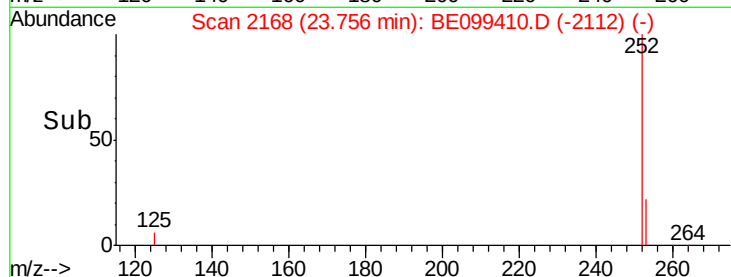
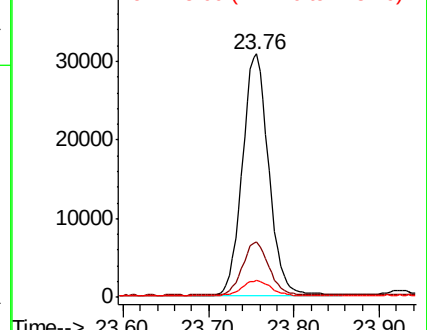


Abundance

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: 0.828 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

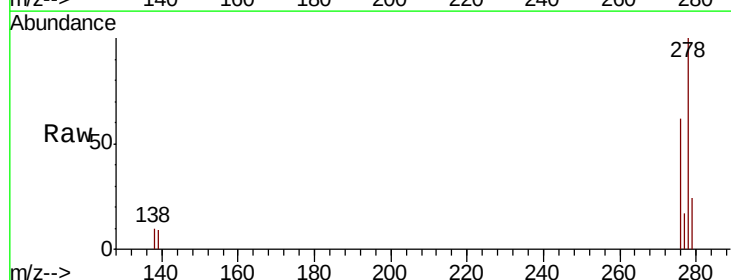
Tgt Ion:278 Resp: 68473

Ion Ratio Lower Upper

278 100

139 9.0 7.7 11.5

279 23.7 20.2 30.2

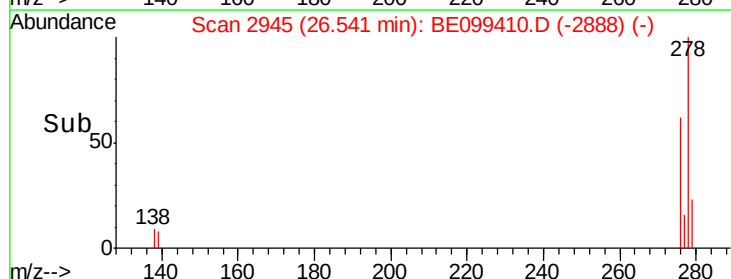
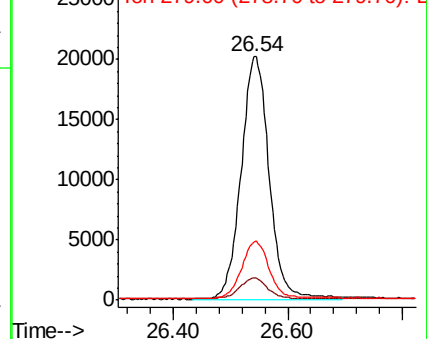


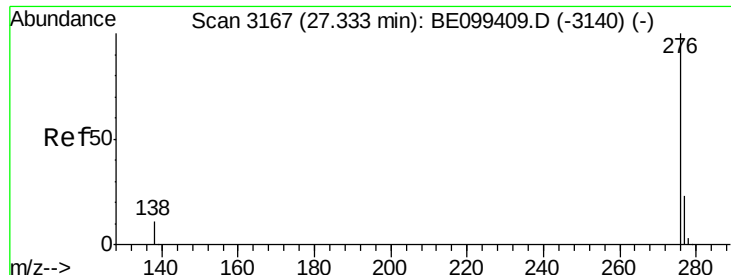
Abundance

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: 0.815 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.00 min

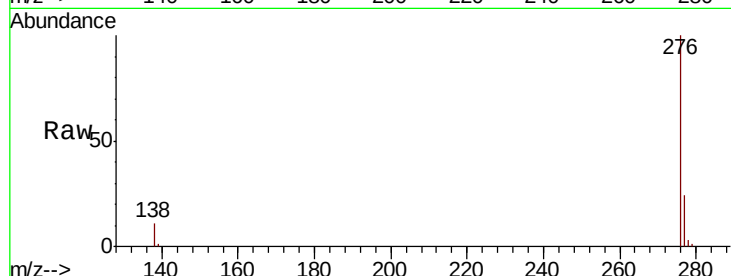
Lab File: BE099410.D

Acq: 29 Apr 2019 16:06

Instrument :

BNA_E

ClientSampleId :



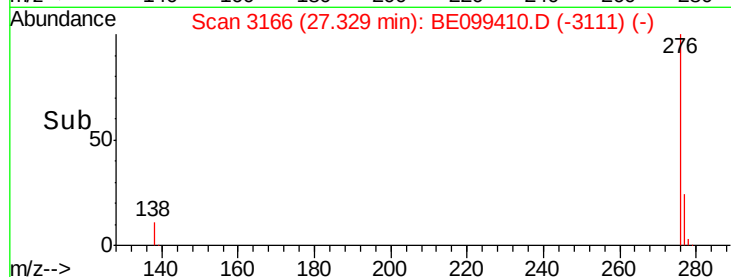
Tot Ion: 276 Resp: 68366

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 11.5 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

