

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
 Data File : BE099322.D
 Acq On : 15 Apr 2019 9:33
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 15 13:12:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4667	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	18214	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	13080	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	39024	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	49526	0.40	ng	-0.02
34) Perylene-d12	23.87	264	50993	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	5010	0.40	ng	-0.02
5) Phenol-d6	6.98	99	7350	0.43	ng	-0.01
8) Nitrobenzene-d5	8.96	82	5727	0.46	ng	-0.03
11) 2-Methylnaphthalene-d10	12.21	152	13422	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	2109	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	21490	0.42	ng	-0.01
25) Fluoranthene-d10	19.22	212	205112	0.40	ng	-0.02
29) Terphenyl-d14	19.82	244	41358	0.46	ng	-0.02

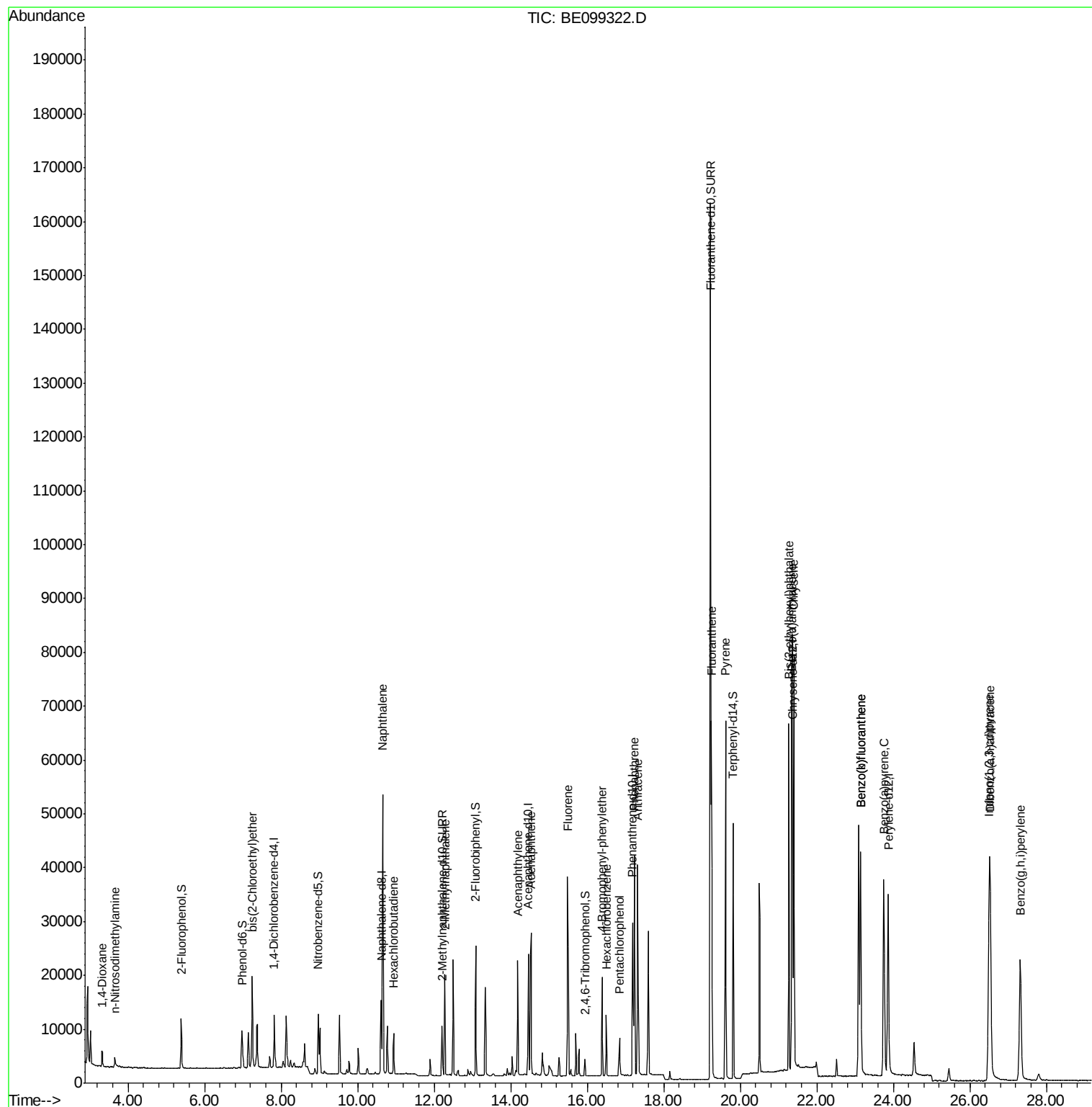
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	2640	0.415	ng	99
3) n-Nitrosodimethylamine	3.65	42	1573	0.419	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	6573	0.430	ng	99
9) Naphthalene	10.65	128	84159	0.425	ng	100
10) Hexachlorobutadiene	10.94	225	5306	0.412	ng	99
12) 2-Methylnaphthalene	12.28	142	14481	0.430	ng	97
16) Acenaphthylene	14.18	152	24187	0.390	ng	99
17) Acenaphthene	14.53	154	15299	0.418	ng	99
18) Fluorene	15.49	166	22005	0.417	ng	99
20) 4-Bromophenyl-phenylether	16.39	248	8910	0.402	ng	# 83
21) Hexachlorobenzene	16.49	284	8417	0.399	ng	98
22) Pentachlorophenol	16.84	266	3948	0.451	ng	# 86
23) Phenanthrene	17.23	178	43299	0.429	ng	100
24) Anthracene	17.32	178	39258	0.412	ng	99
26) Fluoranthene	19.25	202	60400	0.405	ng	99
28) Pyrene	19.61	202	62199	0.476	ng	100
30) Benzo(a)anthracene	21.34	228	64455	0.413	ng	98
31) Chrysene	21.40	228	66547	0.435	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	66442	0.334	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	70402	0.403	ng	96
35) Benzo(b)fluoranthene	23.14	252	64655	0.425	ng	99
36) Benzo(k)fluoranthene	23.14	252	64655	0.437	ng	99
37) Benzo(a)pyrene	23.75	252	59142	0.414	ng	# 97
38) Dibenzo(a,h)anthracene	26.53	278	59215	0.416	ng	# 96
39) Benzo(g,h,i)perylene	27.32	276	57875	0.408	ng	99

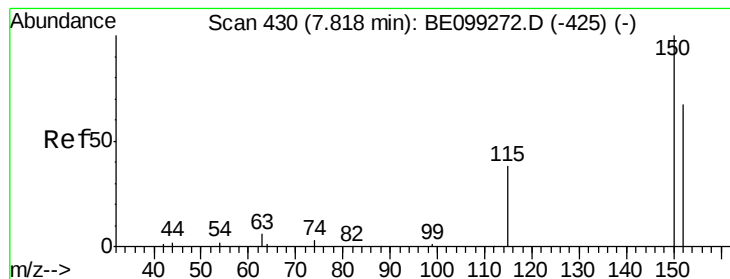
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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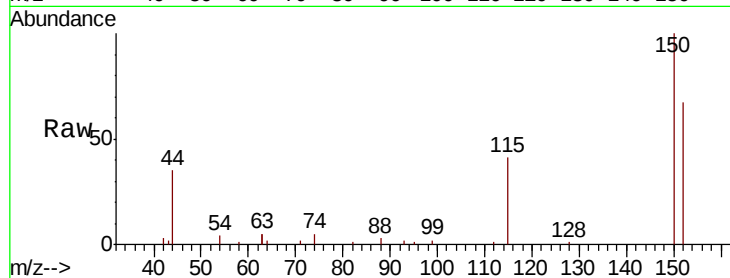


#1

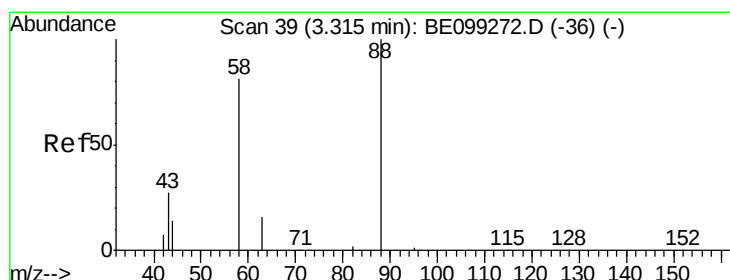
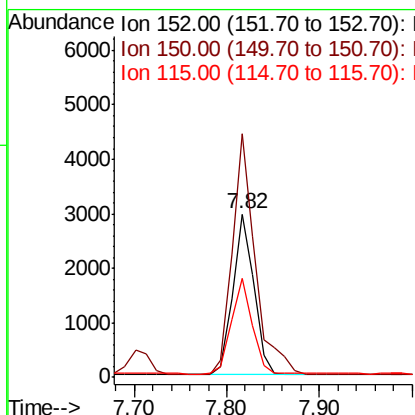
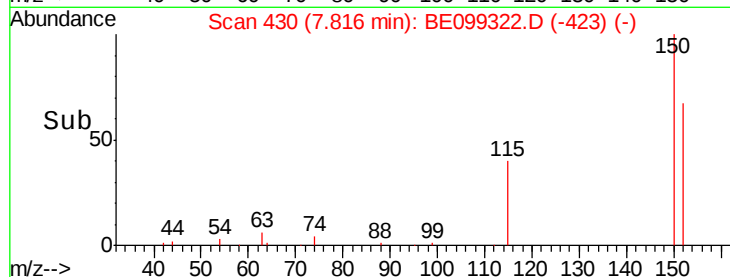
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 4667
Ion Ratio Lower Upper
152 100
150 149.1 112.8 169.2
115 60.7 45.1 67.7



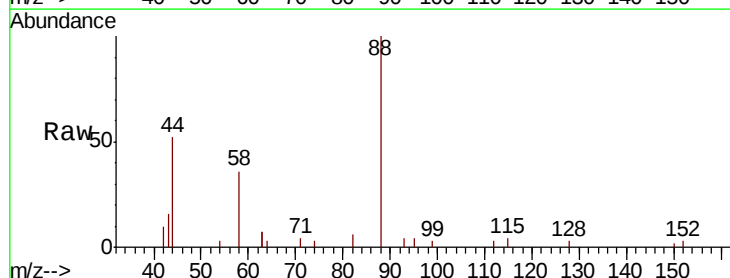
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



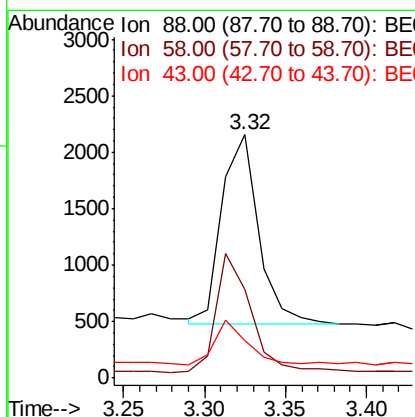
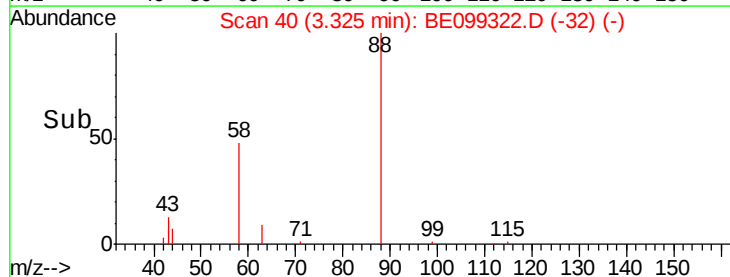
#2

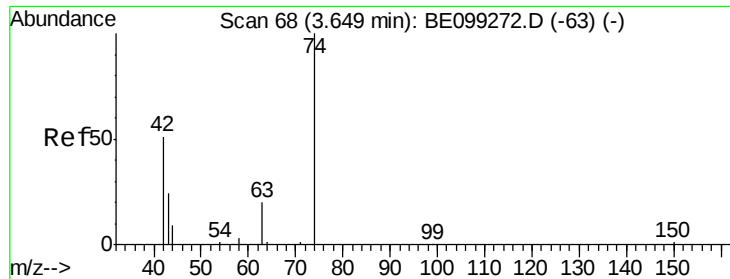
1,4-Dioxane
Concen: 0.415 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion: 88 Resp: 2640
Ion Ratio Lower Upper
88 100
58 59.2 47.4 71.0
43 21.6 15.6 23.4



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: 0.419 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

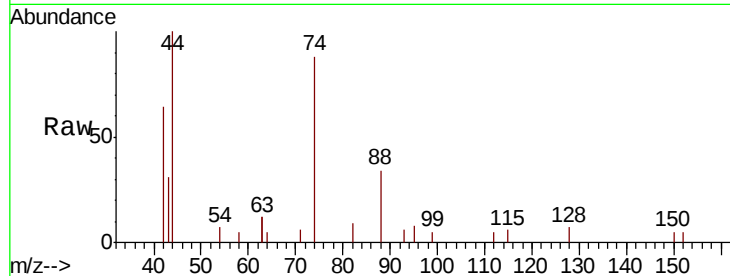
Tot Ion: 42 Resp: 1573

Ion Ratio Lower Upper

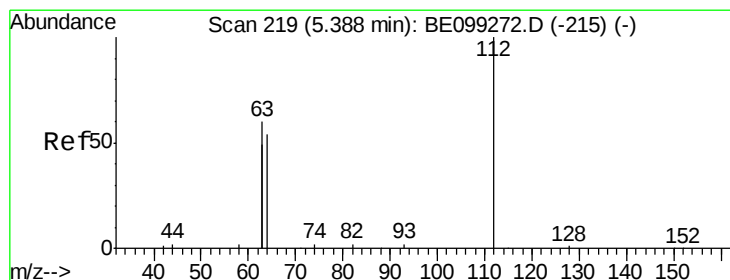
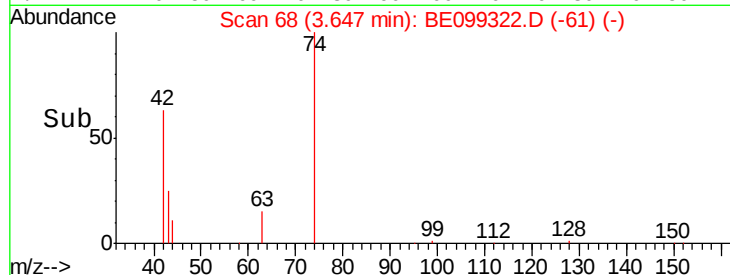
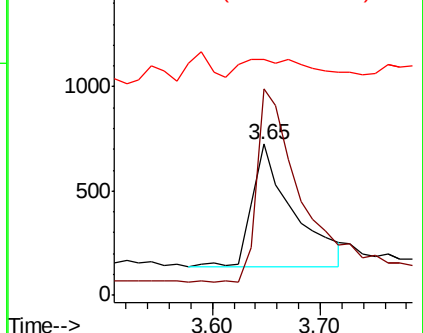
42 100

74 161.2 138.6 207.8

44 0.0 15.0 22.6#



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: 0.404 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

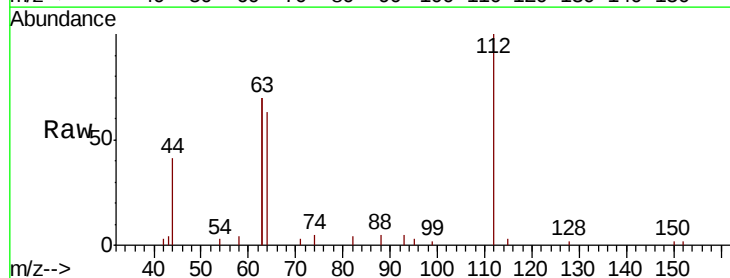
Tgt Ion: 112 Resp: 5010

Ion Ratio Lower Upper

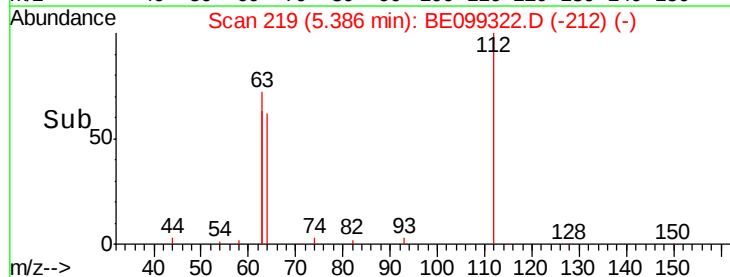
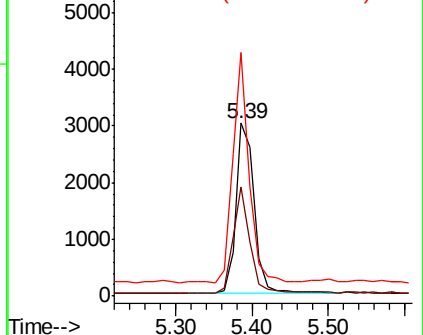
112 100

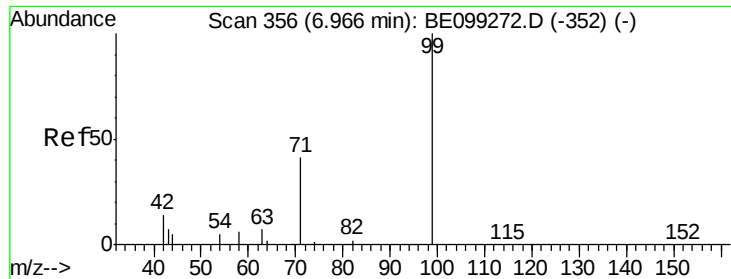
64 56.7 46.2 69.2

63 119.8 89.9 134.9



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: 0.431 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

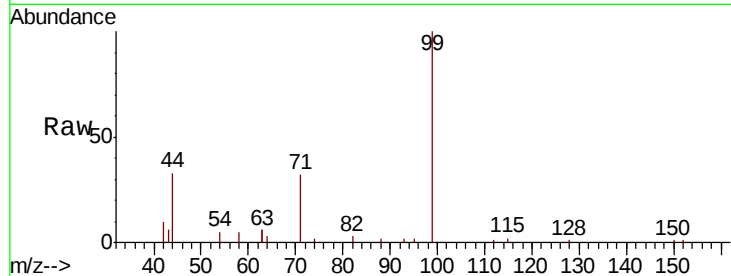
Tot Ion: 99 Resp: 7350

Ion Ratio Lower Upper

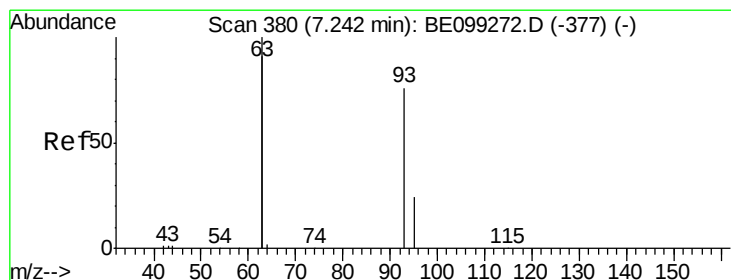
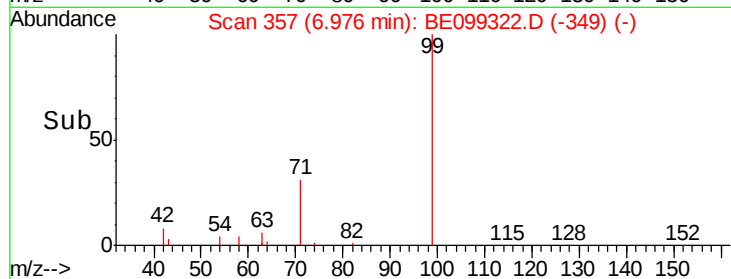
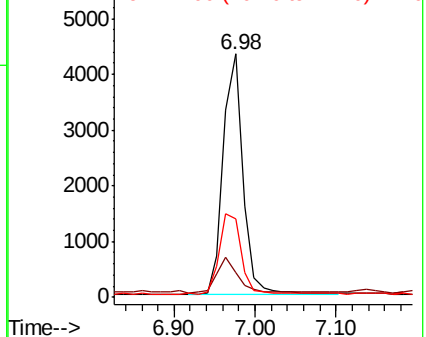
99 100

42 15.1 12.4 18.6

71 36.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.430 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

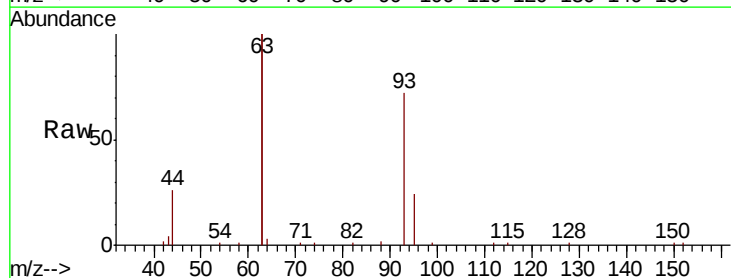
Tgt Ion: 93 Resp: 6573

Ion Ratio Lower Upper

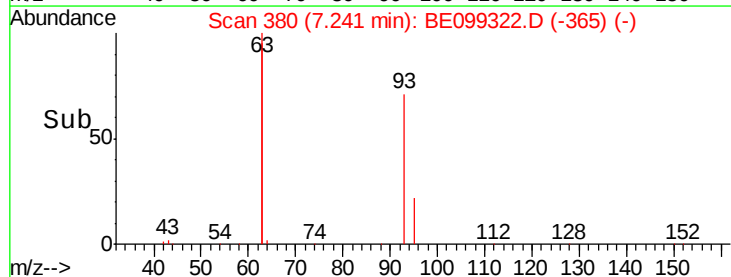
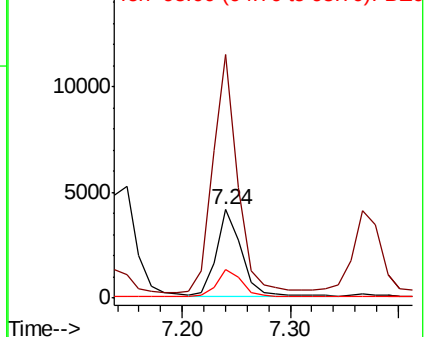
93 100

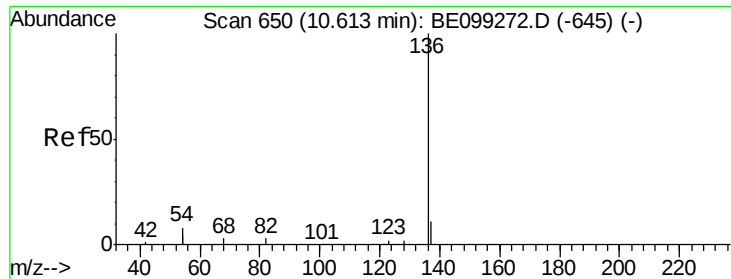
63 274.1 221.4 332.0

95 32.4 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 18214

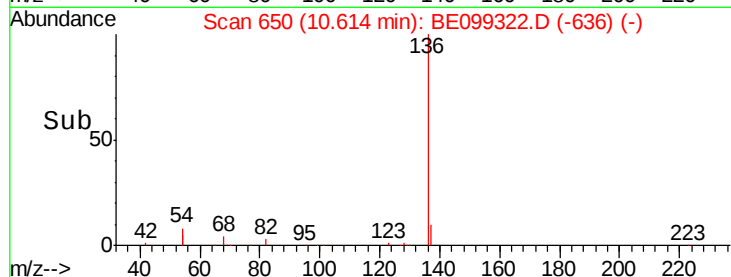
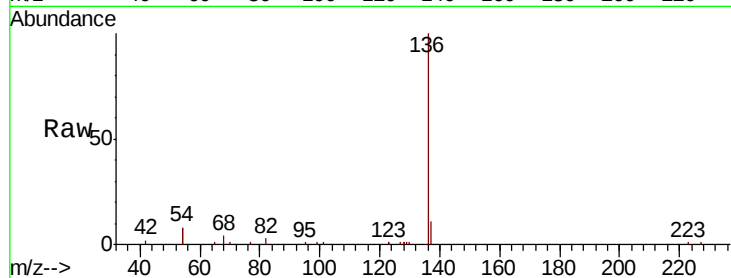
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 15.3 18.7 28.1#

68 4.3 5.2 7.8#

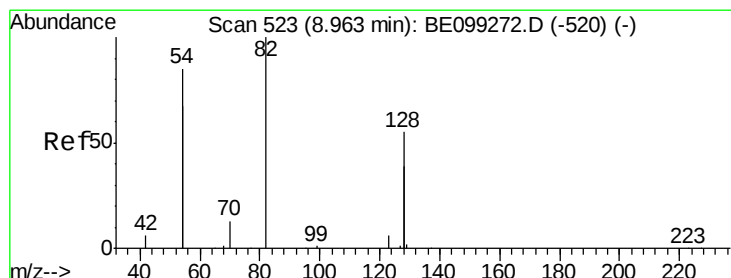
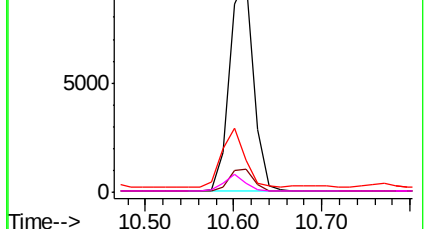


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.458 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

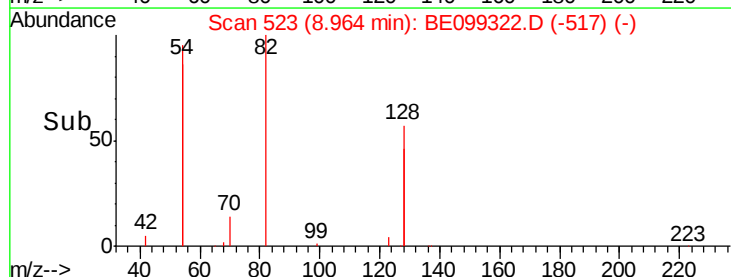
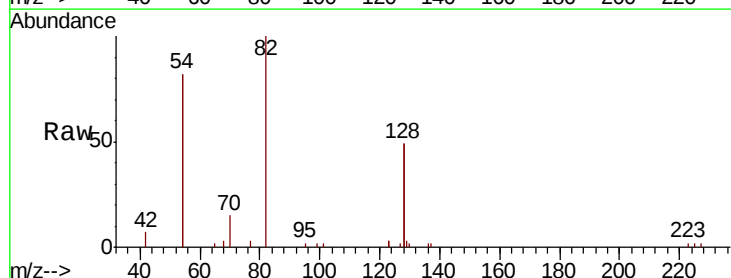
Tgt Ion: 82 Resp: 5727

Ion Ratio Lower Upper

82 100

128 97.9 107.5 161.3#

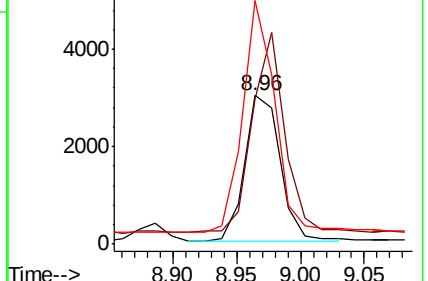
54 163.6 106.3 159.5#

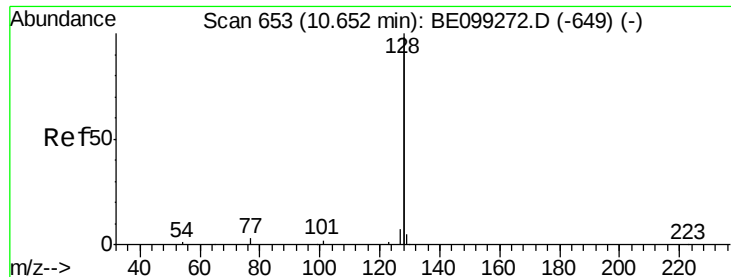


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.425 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

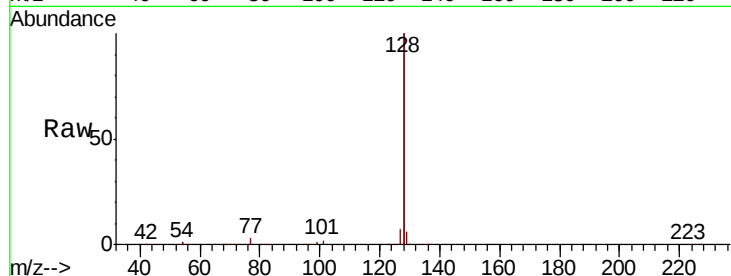
Tot Ion:128 Resp: 84159

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

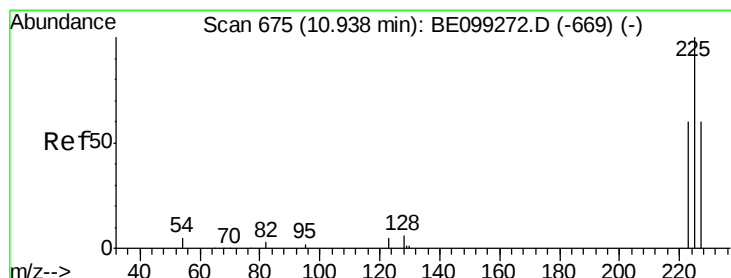
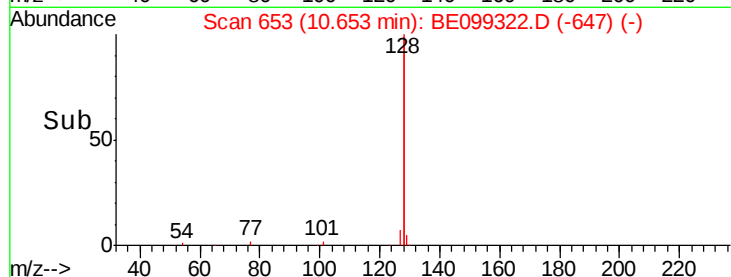
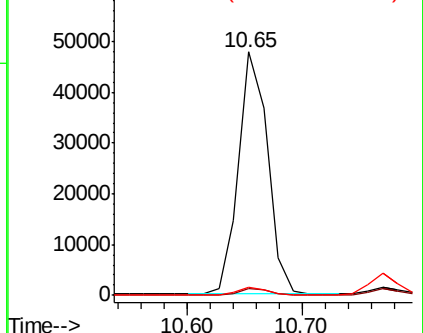
127 3.4 2.6 3.8



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: 0.412 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

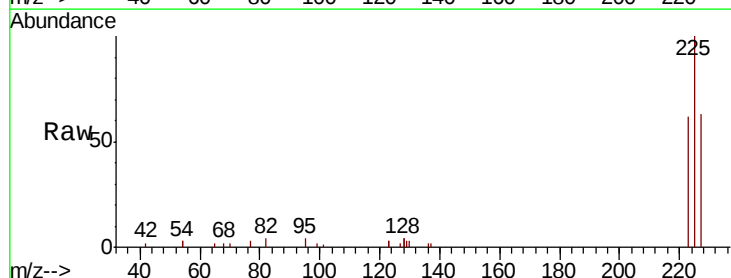
Tgt Ion:225 Resp: 5306

Ion Ratio Lower Upper

225 100

223 63.6 51.3 76.9

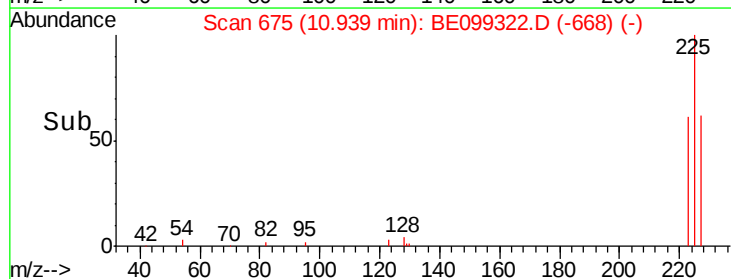
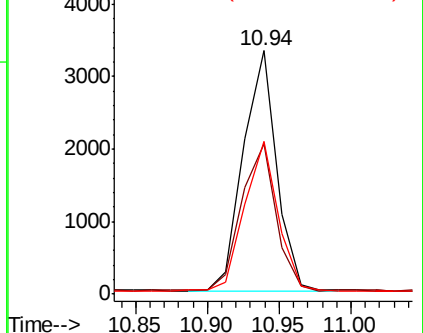
227 62.2 48.6 73.0

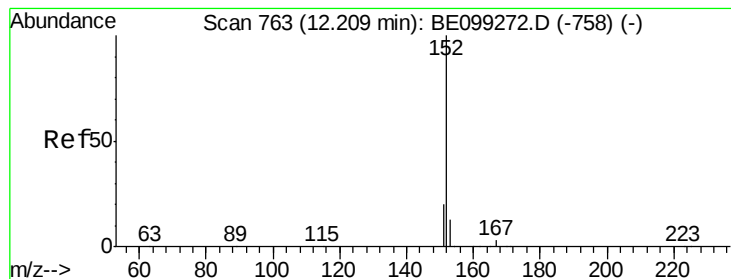


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

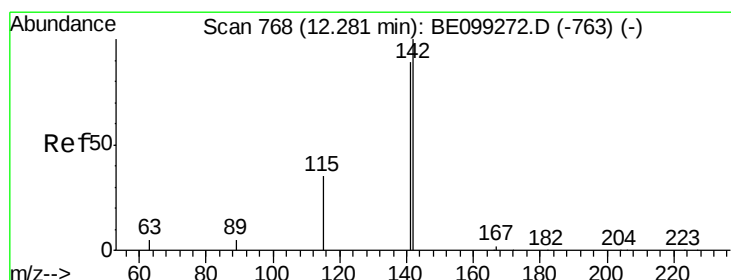
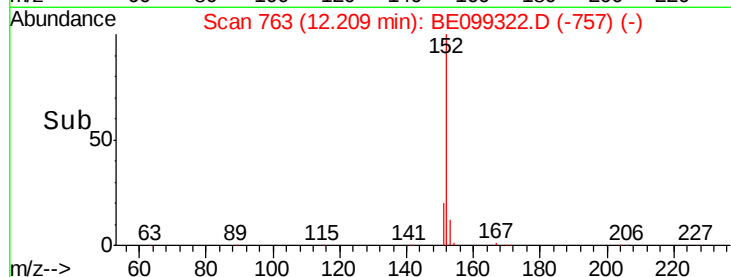
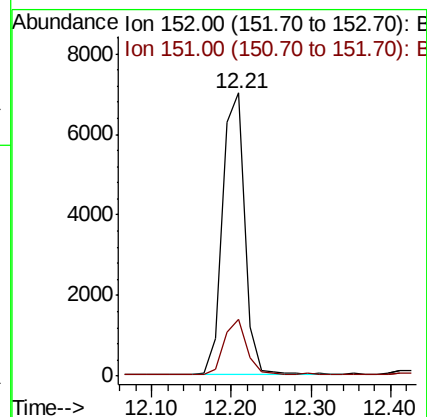
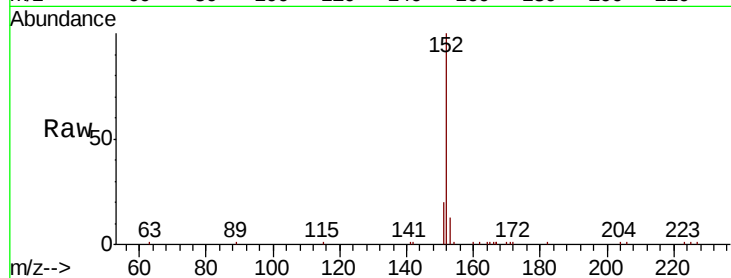




#11
 2-Methylnaphthalene-d10
 Concen: 0.422 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099322.D
 Acq: 15 Apr 2019 9:33

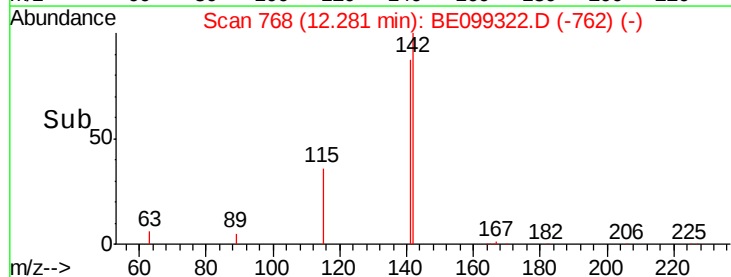
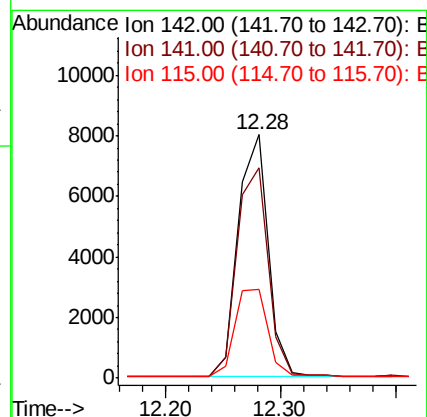
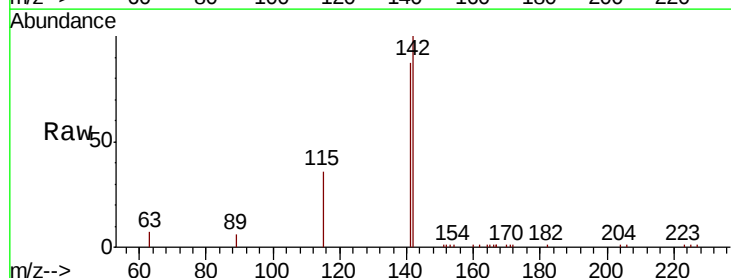
Instrument :
 BNA_E
 ClientSampleId :

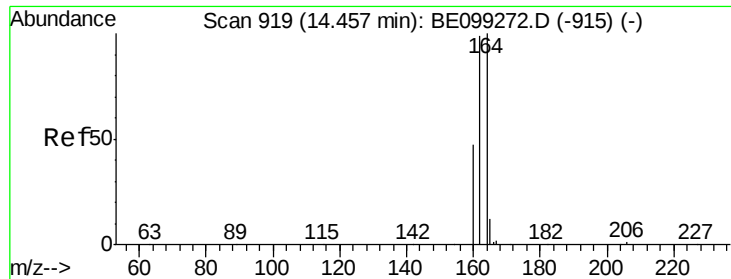
Tot Ion:152 Resp: 13422
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.430 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE099322.D
 Acq: 15 Apr 2019 9:33

Tgt Ion:142 Resp: 14481
 Ion Ratio Lower Upper
 142 100
 141 86.6 71.3 106.9
 115 36.3 30.4 45.6

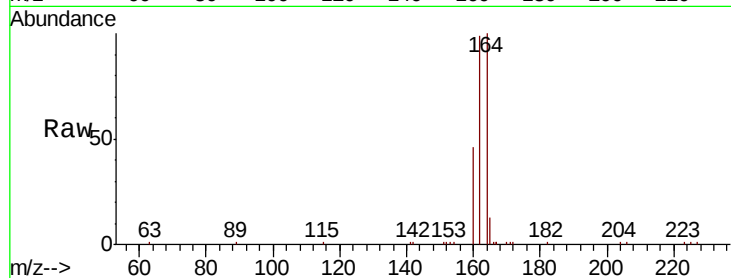




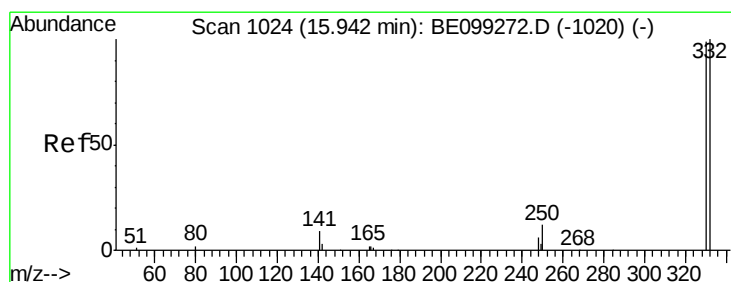
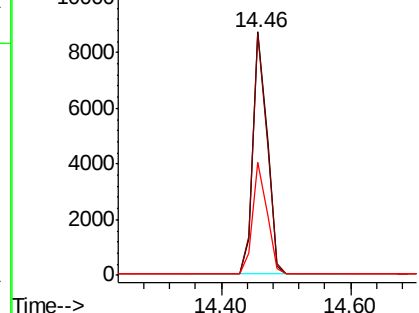
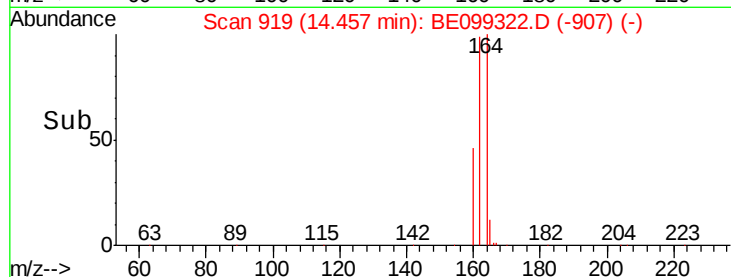
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 13080
Ion Ratio Lower Upper
164 100
162 99.5 79.2 118.8
160 46.3 36.7 55.1

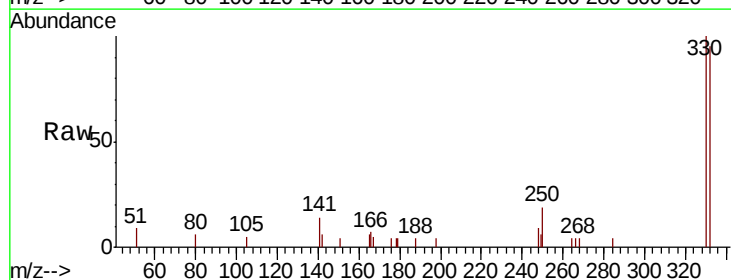


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

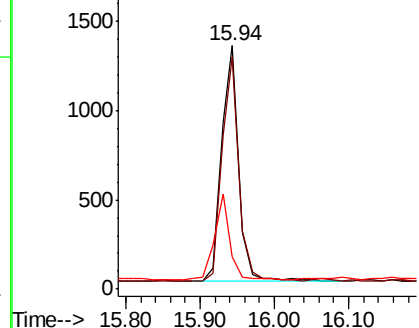
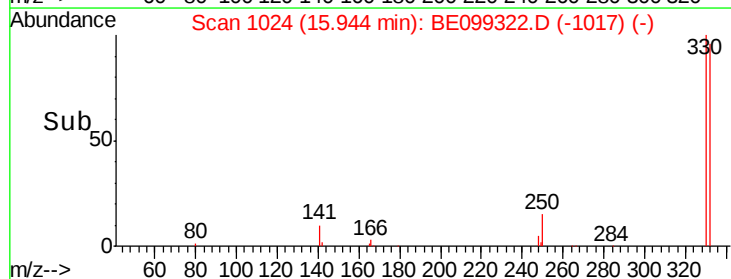


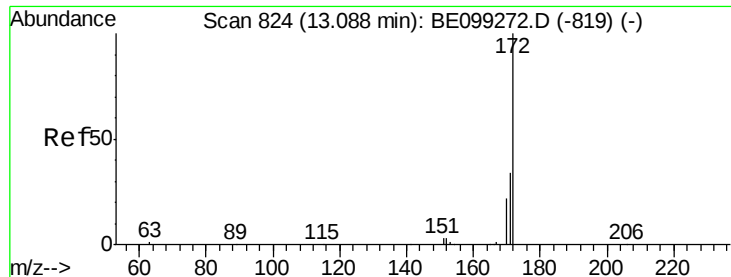
#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:330 Resp: 2109
Ion Ratio Lower Upper
330 100
332 95.0 71.3 106.9
141 33.9 21.7 32.5#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

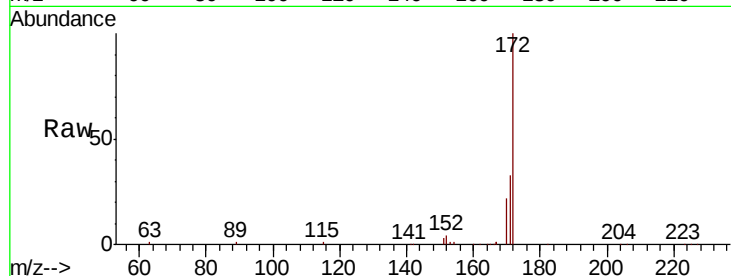




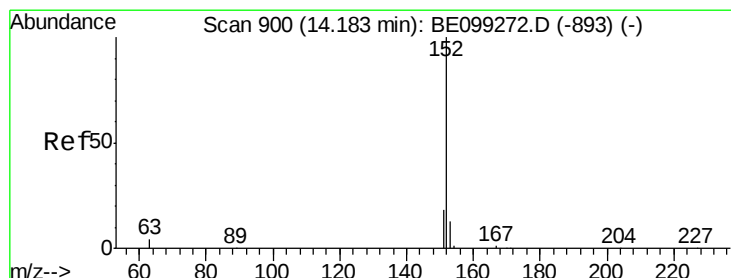
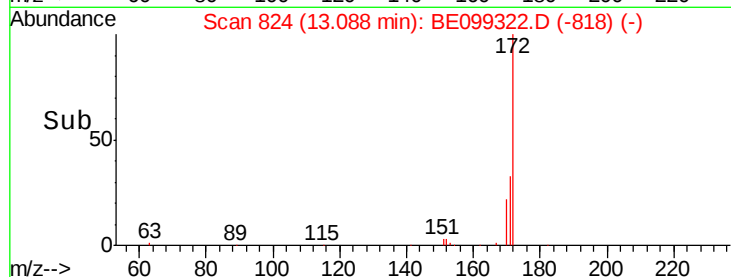
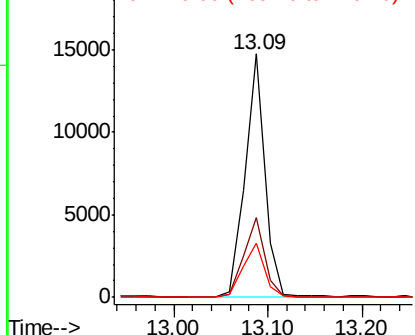
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 21490
Ion Ratio Lower Upper
172 100
171 33.0 27.4 41.0
170 22.2 19.1 28.7

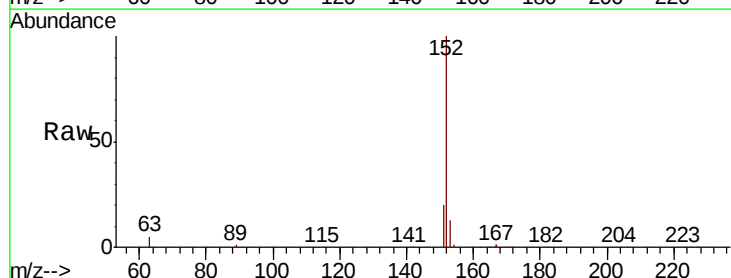


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

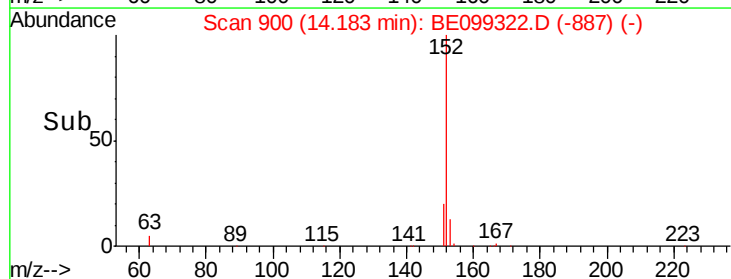
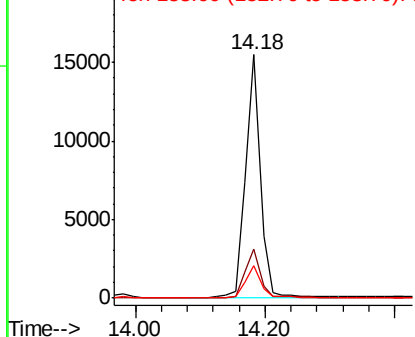


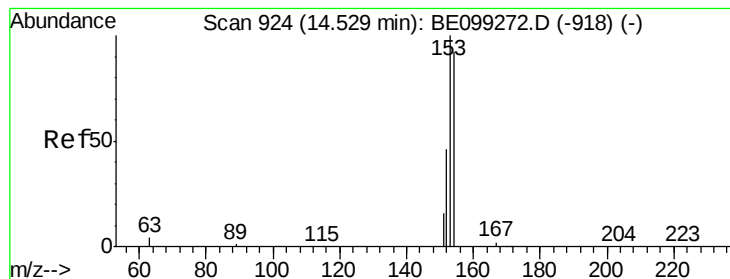
#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:152 Resp: 24187
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 12.9 10.6 15.8



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: 0.418 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

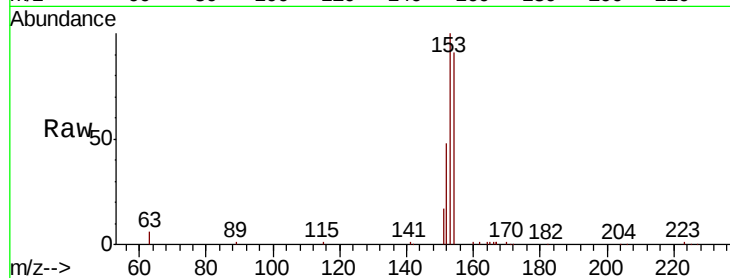
Tot Ion:154 Resp: 15299

Ion Ratio Lower Upper

154 100

153 115.1 93.4 140.0

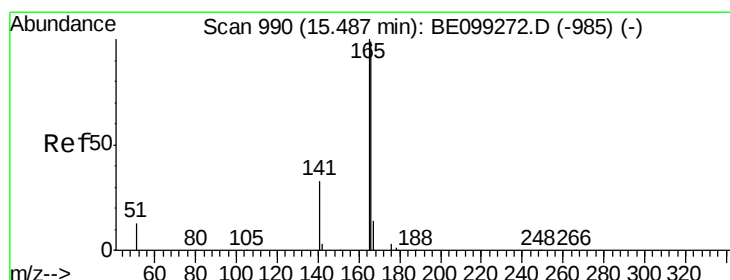
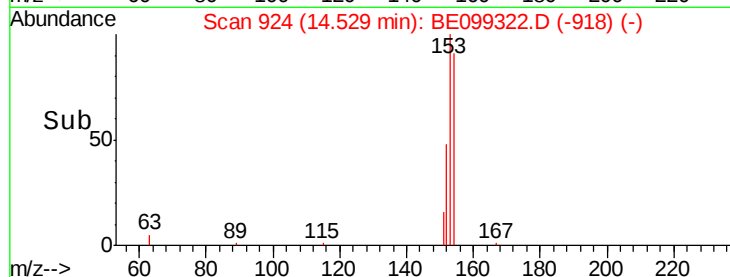
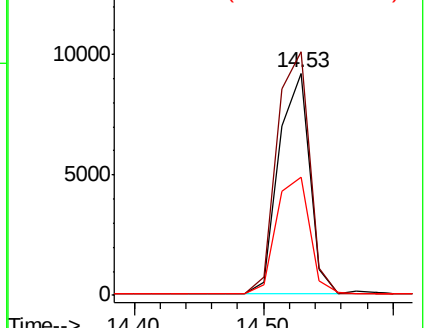
152 57.0 46.6 69.8



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. -0.03 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

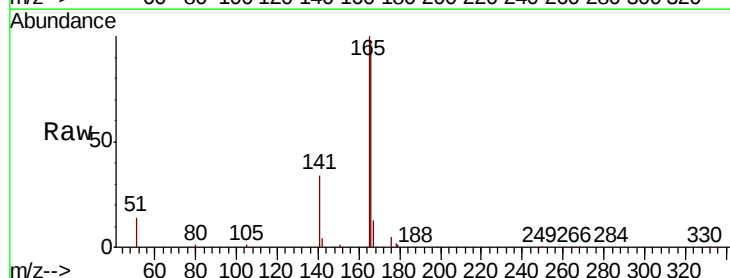
Tgt Ion:166 Resp: 22005

Ion Ratio Lower Upper

166 100

165 100.0 78.9 118.3

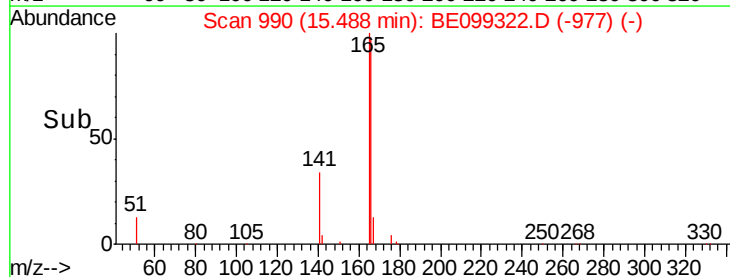
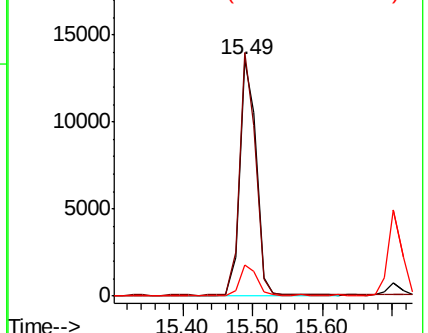
167 13.5 10.9 16.3

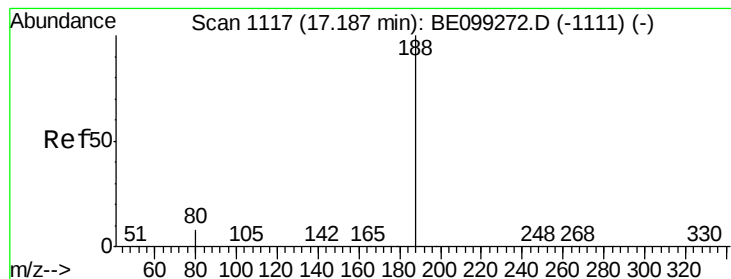


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.03 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

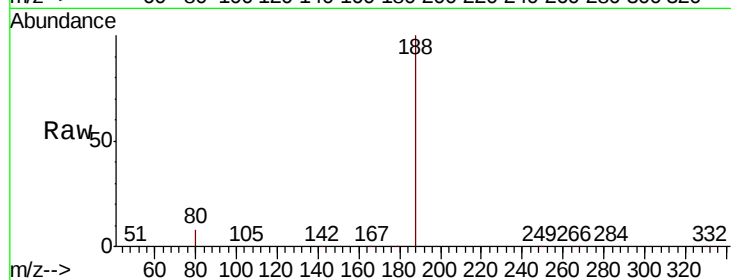
Tot Ion:188 Resp: 39024

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

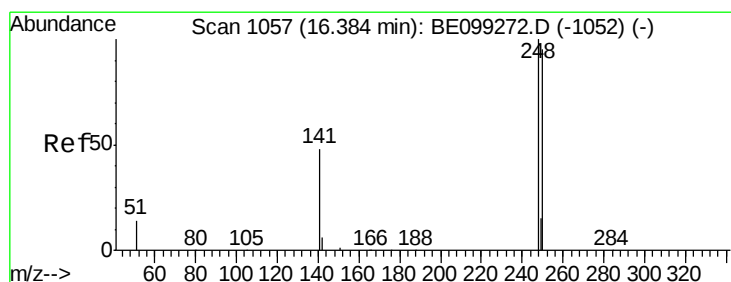
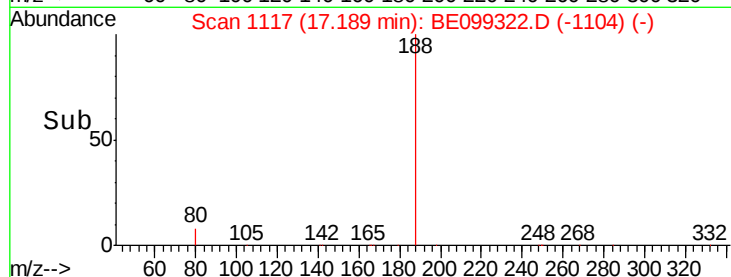
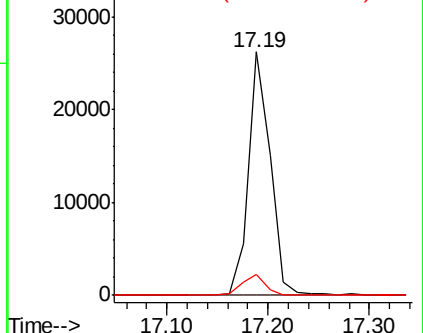
80 8.5 4.5 6.7#



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: 0.402 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

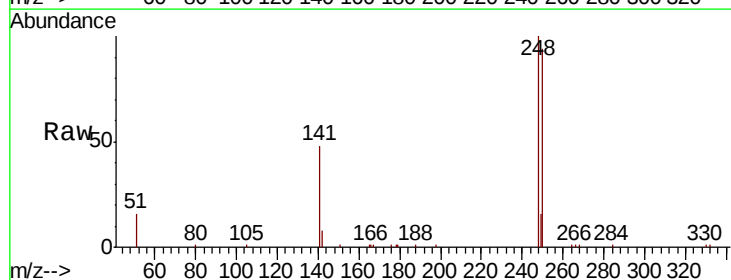
Tgt Ion:248 Resp: 8910

Ion Ratio Lower Upper

248 100

250 94.0 84.2 126.2

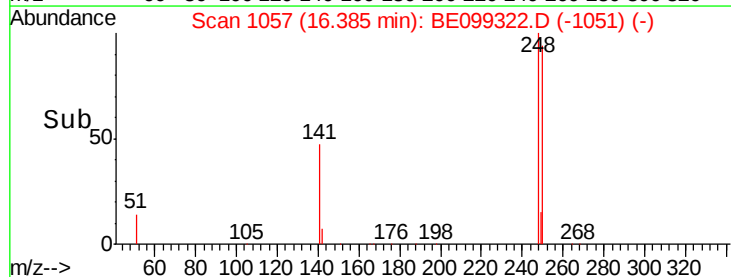
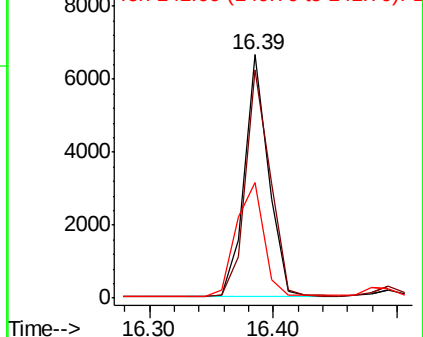
141 47.6 21.8 32.6#

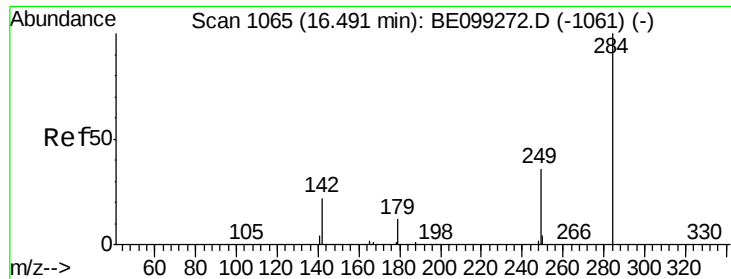


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

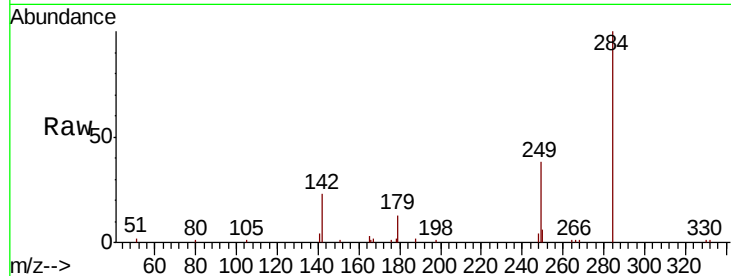
Tot Ion:284 Resp: 8417

Ion Ratio Lower Upper

284 100

142 28.3 22.7 34.1

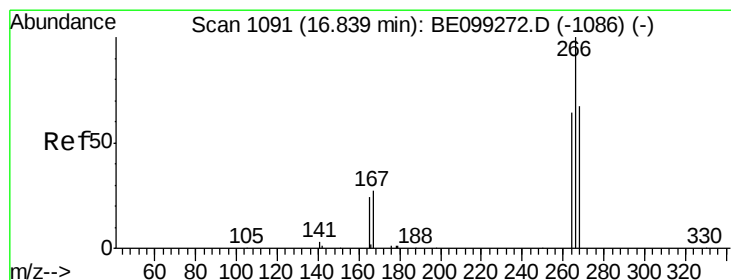
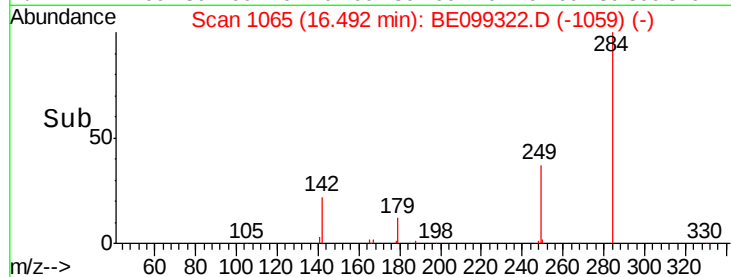
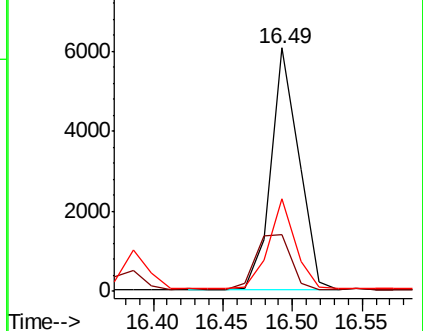
249 35.8 26.9 40.3



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: 0.451 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

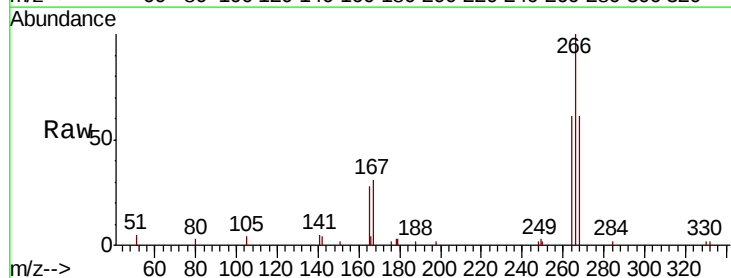
Tgt Ion:266 Resp: 3948

Ion Ratio Lower Upper

266 100

264 60.6 54.4 81.6

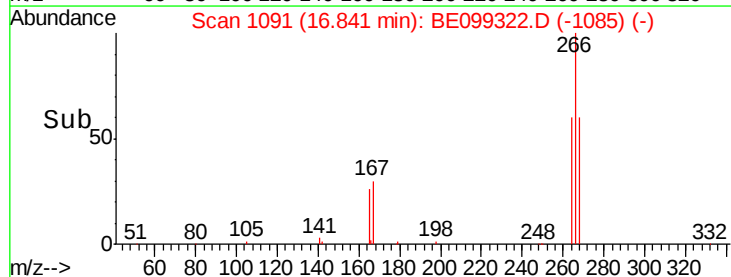
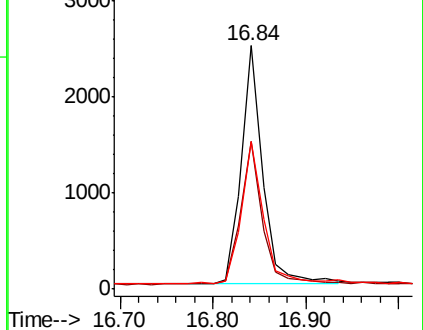
268 60.6 61.3 91.9#

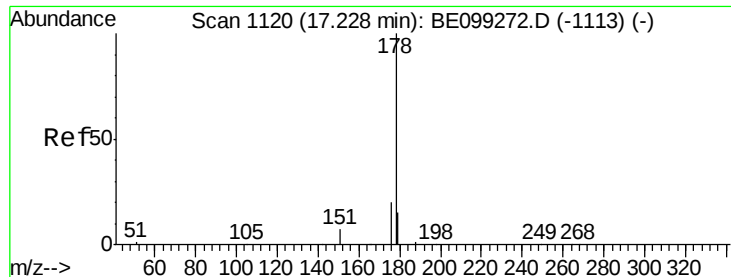


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.429 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

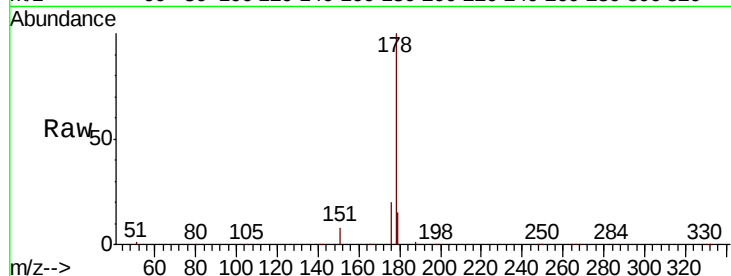
Tot Ion:178 Resp: 43299

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

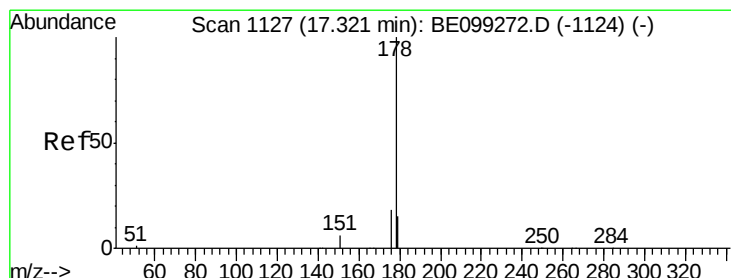
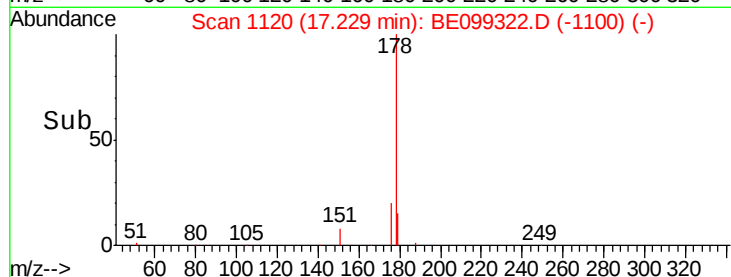
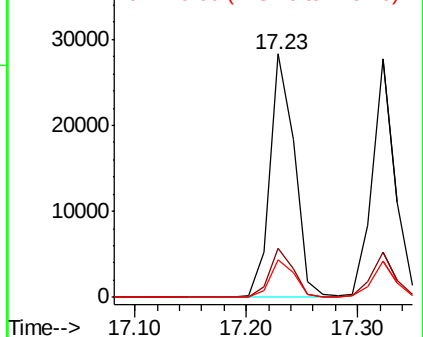
179 15.3 12.3 18.5



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: 0.412 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

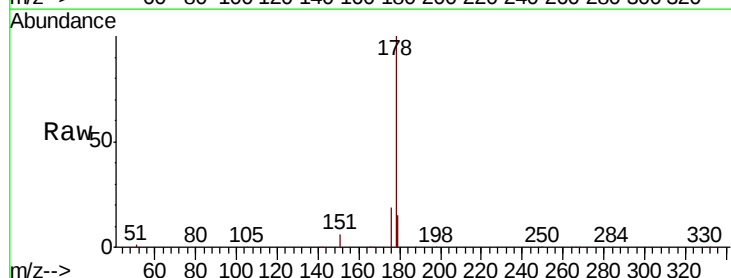
Tgt Ion:178 Resp: 39258

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

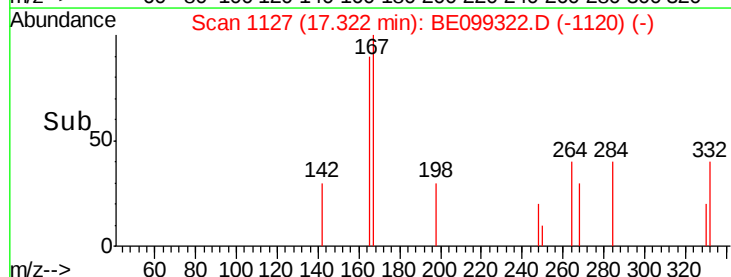
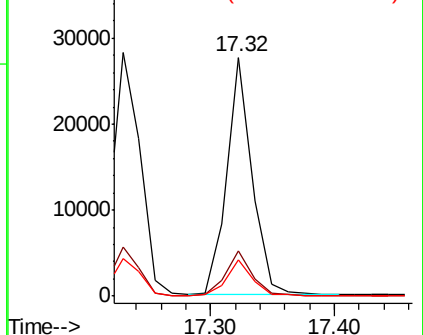
179 14.8 12.4 18.6

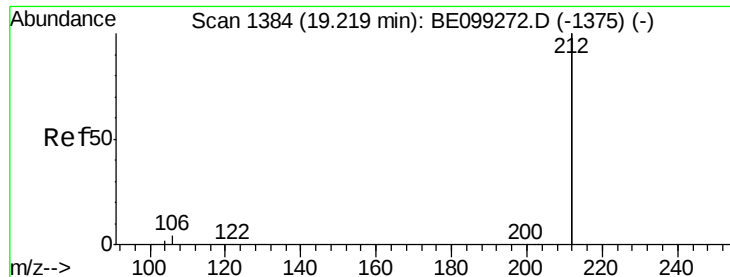


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

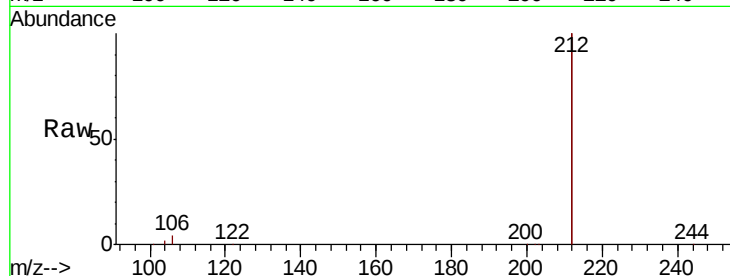




#25
 Fluoranthene-d10
 Concen: 0.398 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: BE099322.D
 Acq: 15 Apr 2019 9:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7

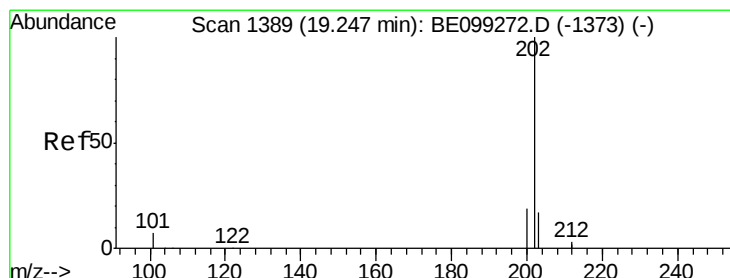
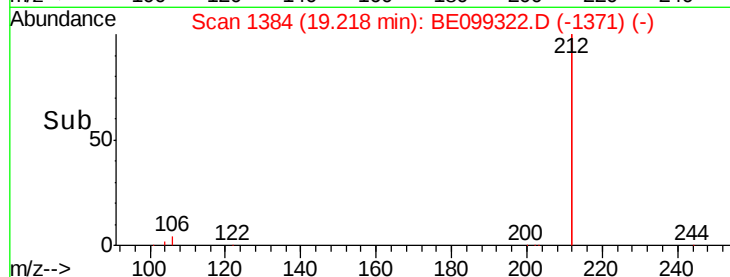
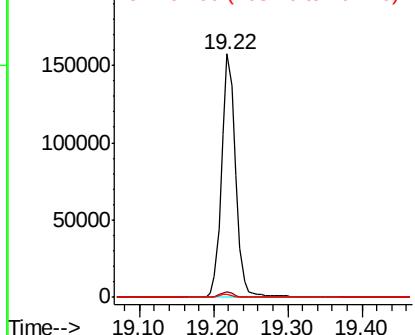


Abundance

Ion 212.00 (211.70 to 212.70): E

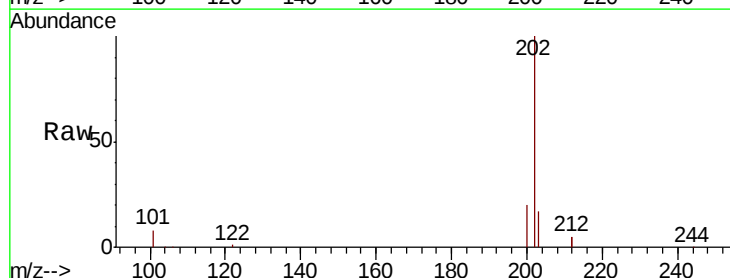
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26
 Fluoranthene
 Concen: 0.405 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BE099322.D
 Acq: 15 Apr 2019 9:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.4	13.8	20.6

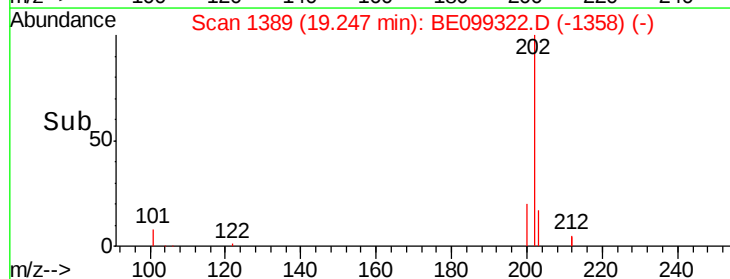
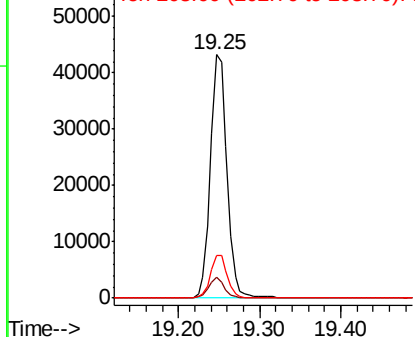


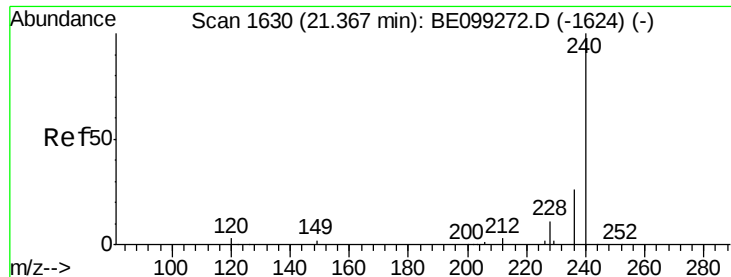
Abundance

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. -0.02 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

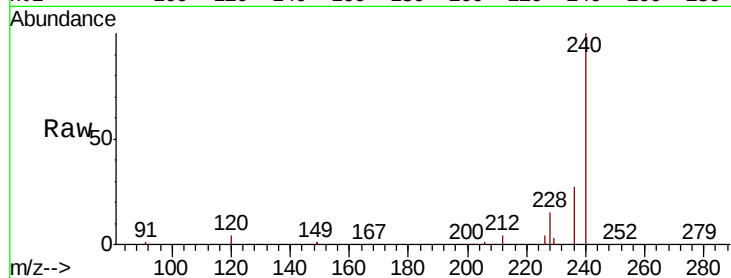
Tot Ion:240 Resp: 49526

Ion Ratio Lower Upper

240 100

120 3.8 2.6 3.8

236 27.0 20.9 31.3

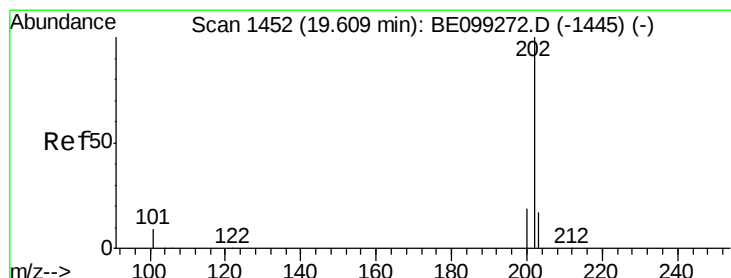
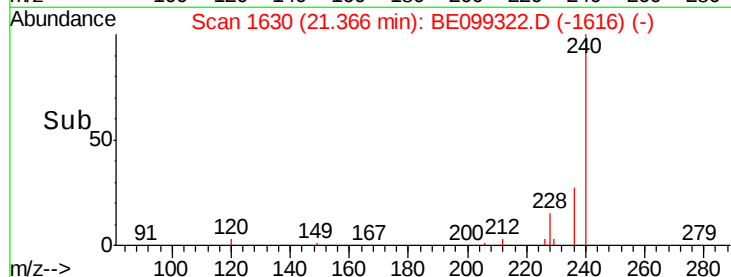
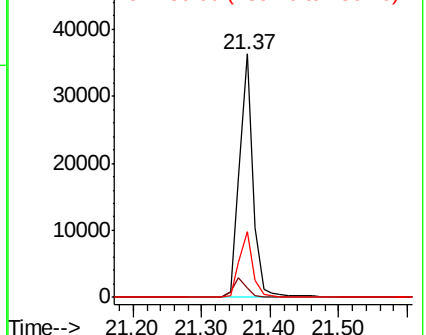


Abundance

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: 0.476 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

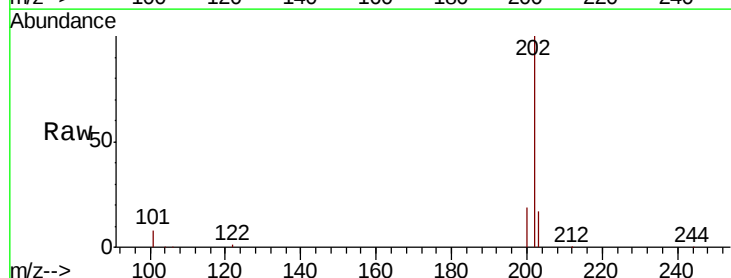
Tgt Ion:202 Resp: 62199

Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

203 17.5 14.1 21.1

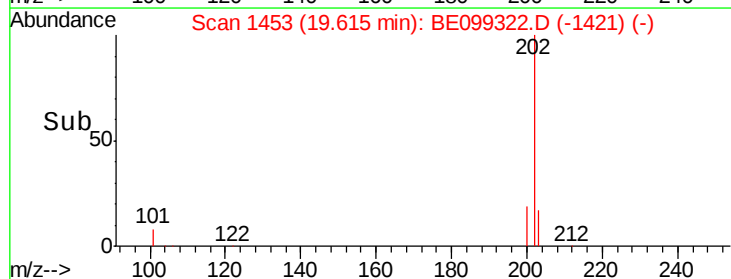
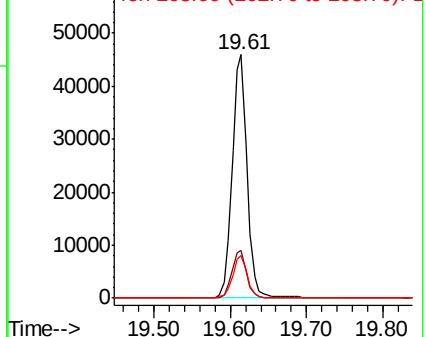


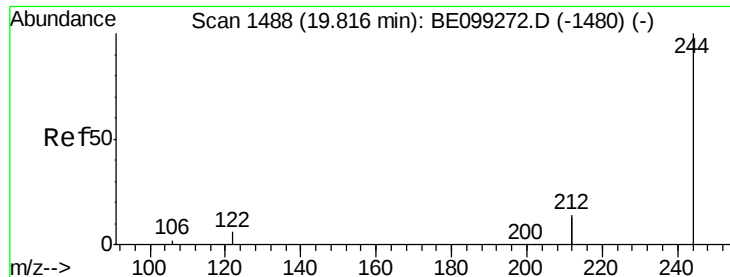
Abundance

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: 0.458 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

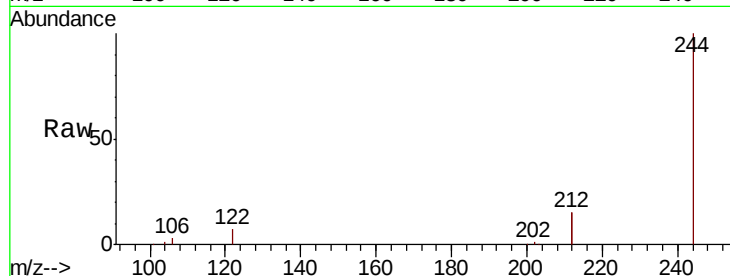
Tot Ion:244 Resp: 41358

Ion Ratio Lower Upper

244 100

212 29.8 22.7 34.1

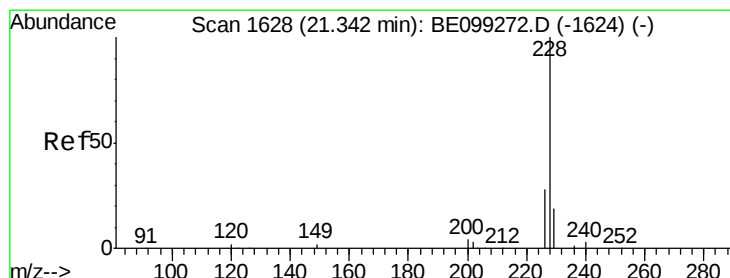
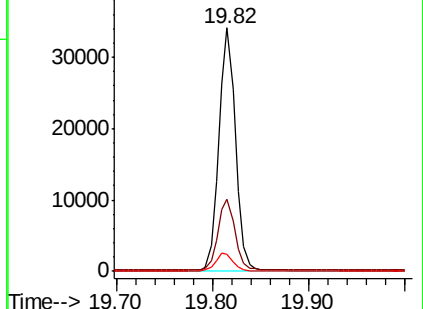
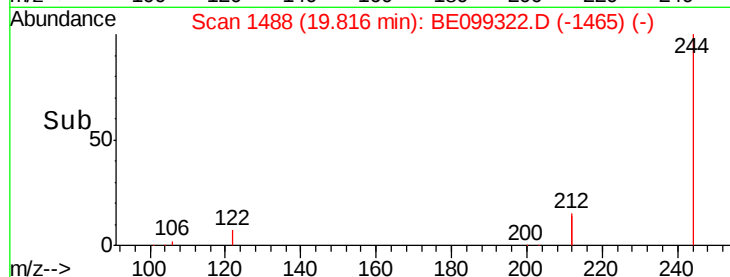
122 7.0 5.8 8.6



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: 0.413 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

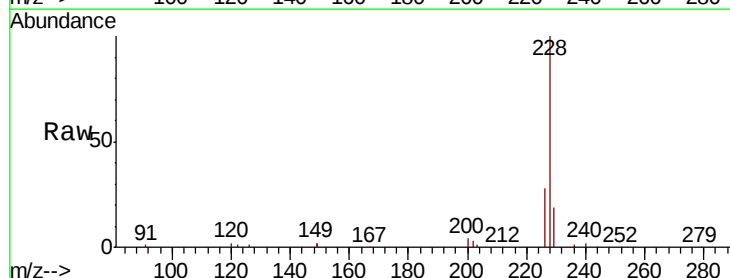
Tgt Ion:228 Resp: 64455

Ion Ratio Lower Upper

228 100

226 28.2 21.7 32.5

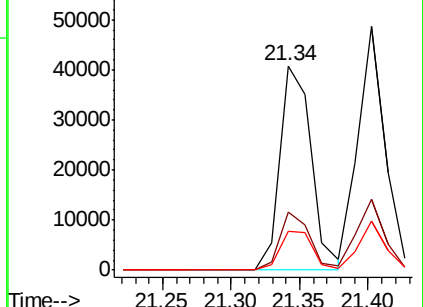
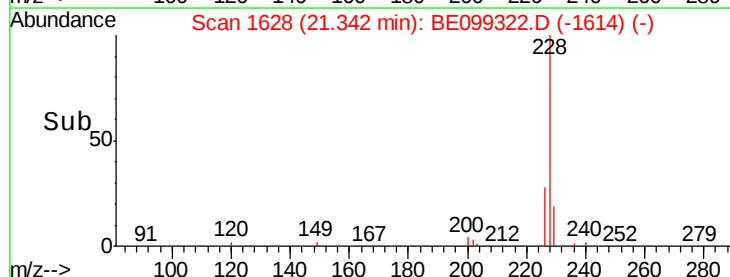
229 19.3 15.9 23.9

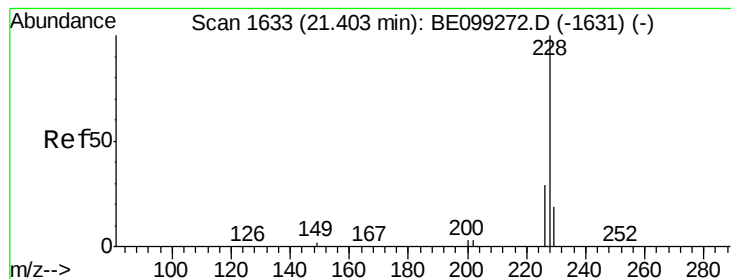


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.435 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :

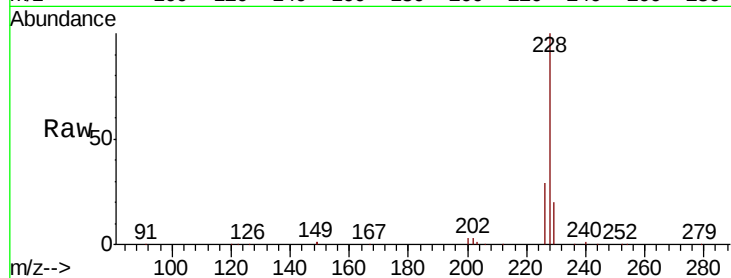
Tot Ion:228 Resp: 66547

Ion Ratio Lower Upper

228 100

226 29.4 24.8 37.2

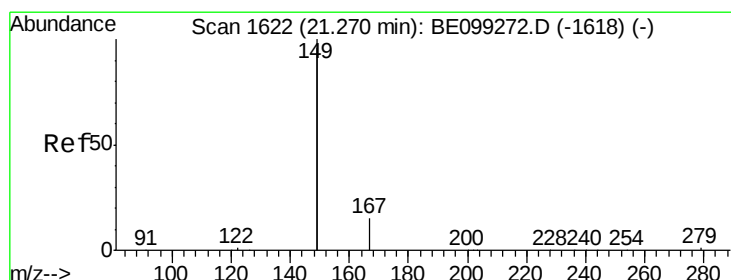
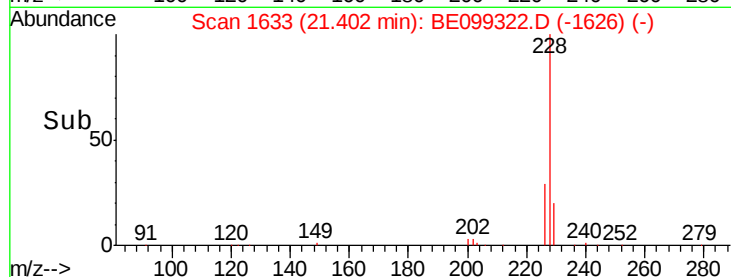
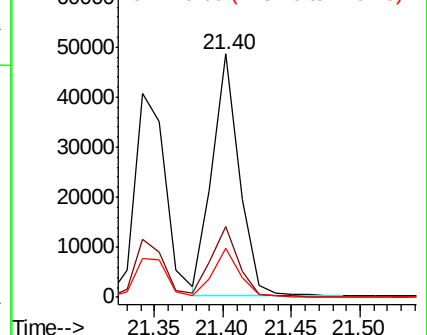
229 20.0 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.334 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

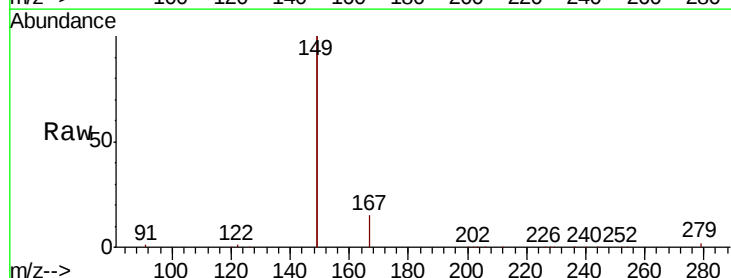
Tgt Ion:149 Resp: 66442

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

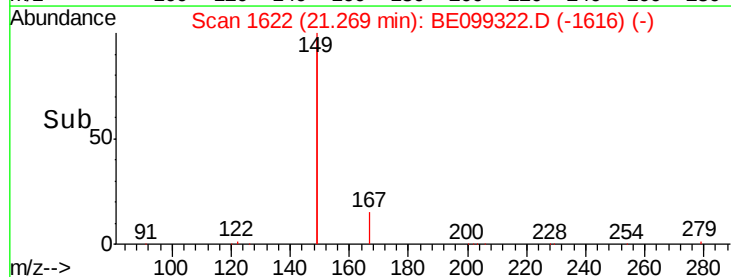
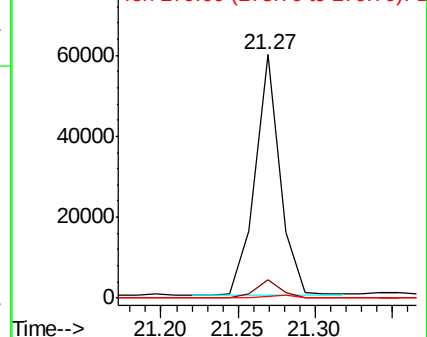
279 1.3 1.0 1.6

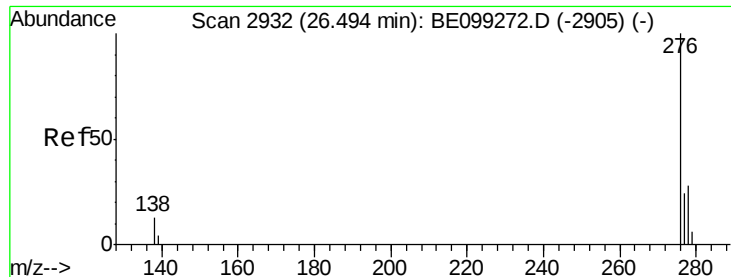


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

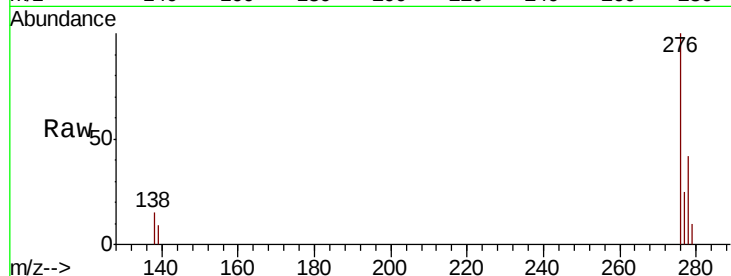




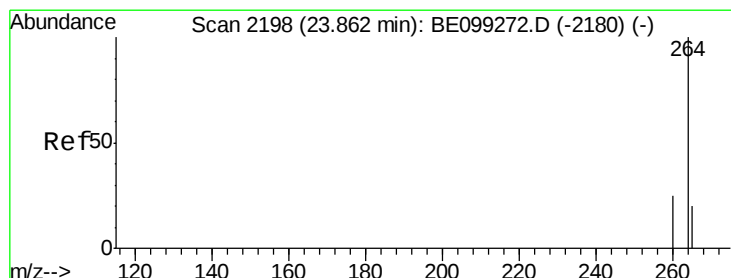
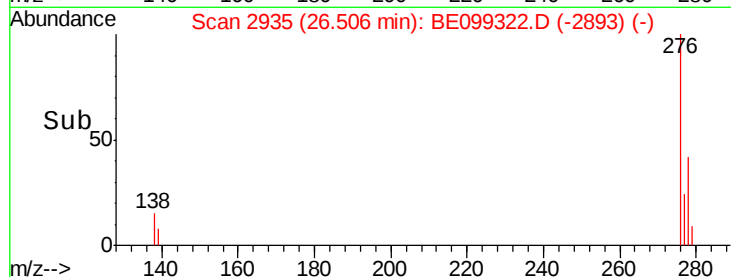
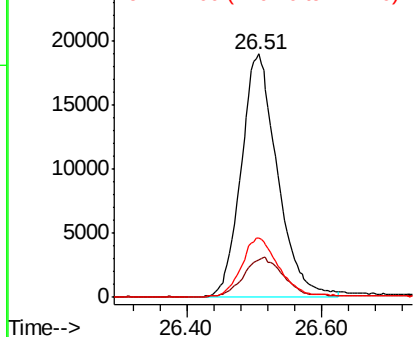
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.403 ng
 RT: 26.51 min Scan# 2935
 Delta R.T. -0.05 min
 Lab File: BE099322.D
 Acq: 15 Apr 2019 9:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 70402
 Ion Ratio Lower Upper
 276 100
 138 17.3 12.9 19.3
 277 24.9 18.3 27.5

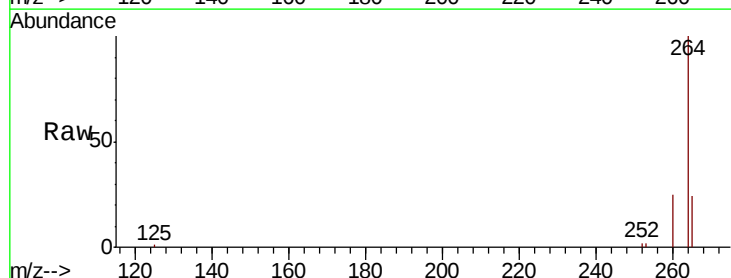


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

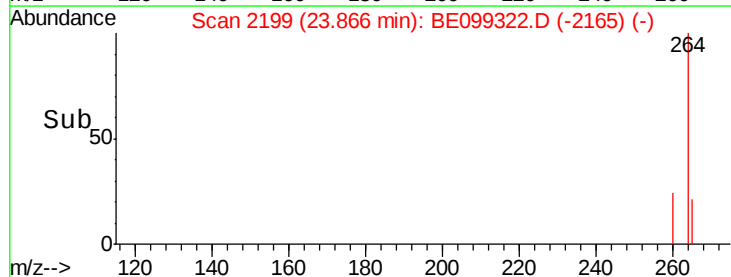
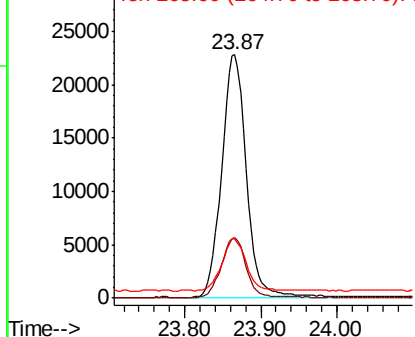


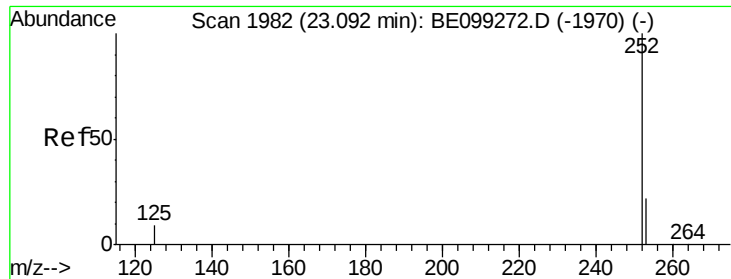
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2199
 Delta R.T. -0.03 min
 Lab File: BE099322.D
 Acq: 15 Apr 2019 9:33

Tgt Ion:264 Resp: 50993
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.2
 265 24.3 21.8 32.8



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

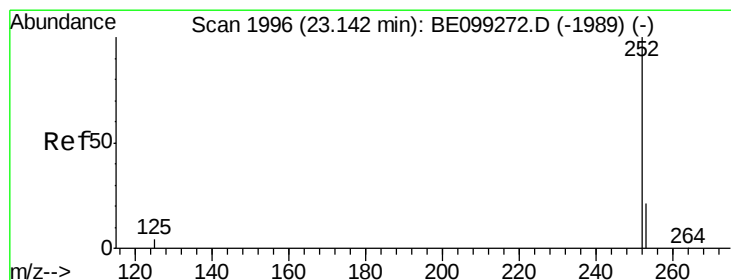
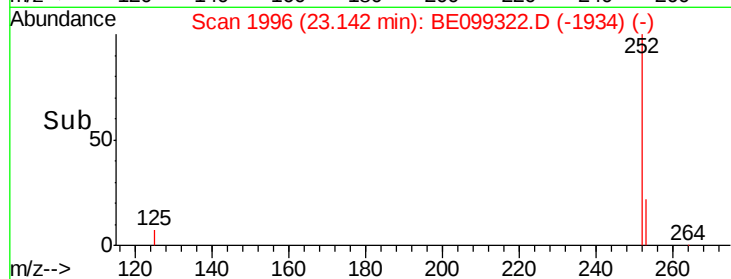
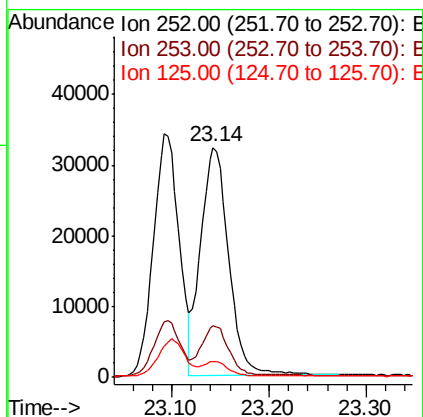
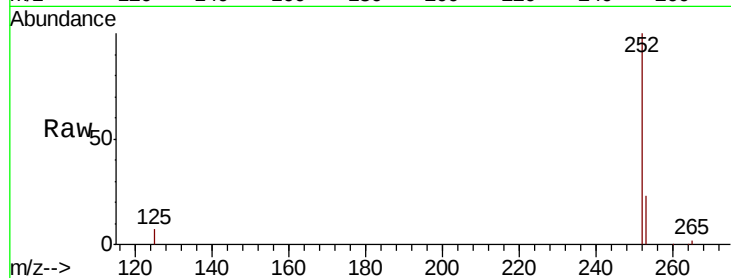




#35
Benzo(b)fluoranthene
Concen: 0.425 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

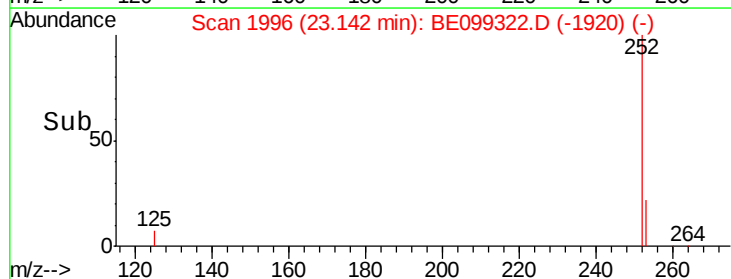
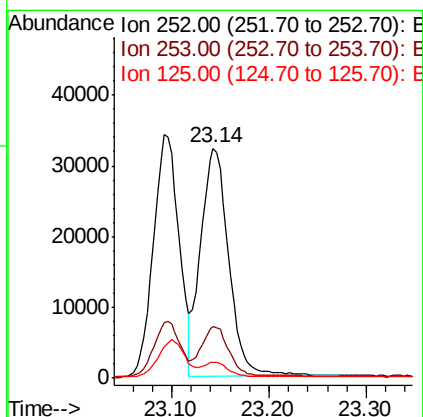
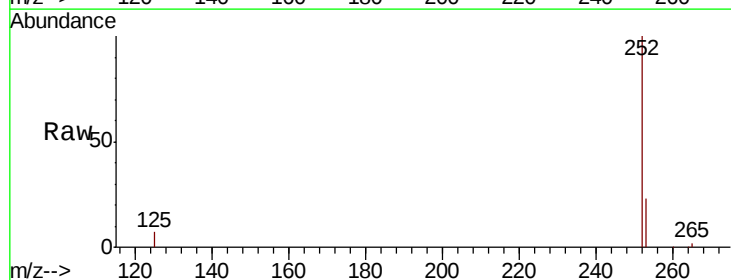
Instrument :
BNA_E
ClientSampleId :

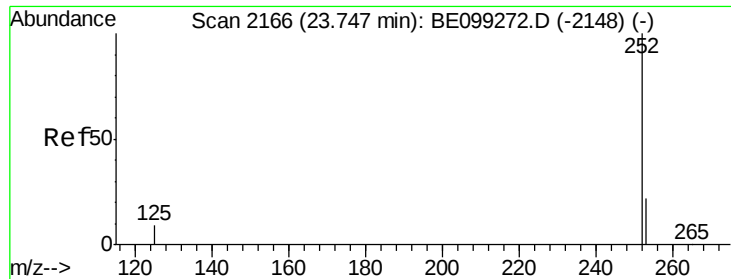
Tot Ion:252 Resp: 64655
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 7.1 6.1 9.1



#36
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:252 Resp: 64655
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 7.1 5.9 8.9

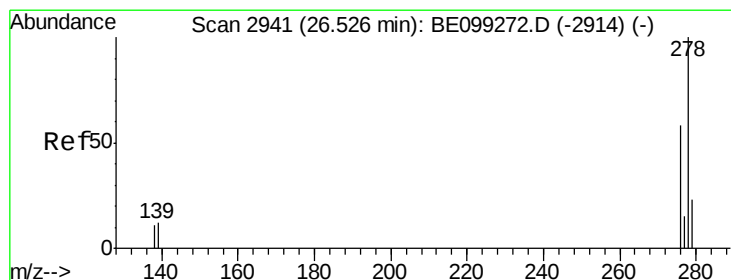
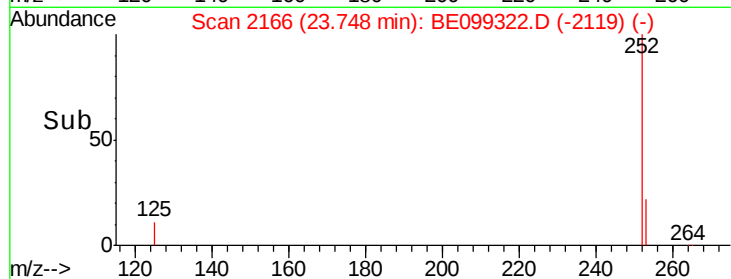
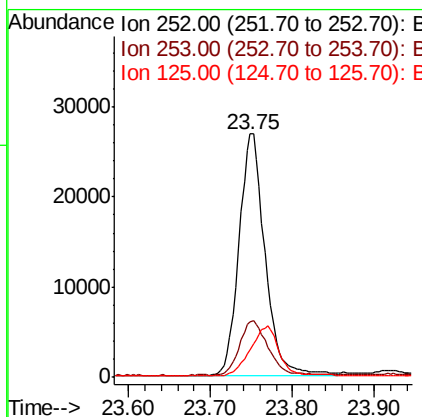
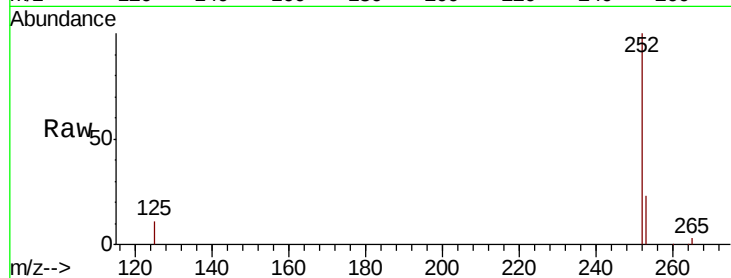




#37
Benzo(a)pyrene
Concen: 0.414 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

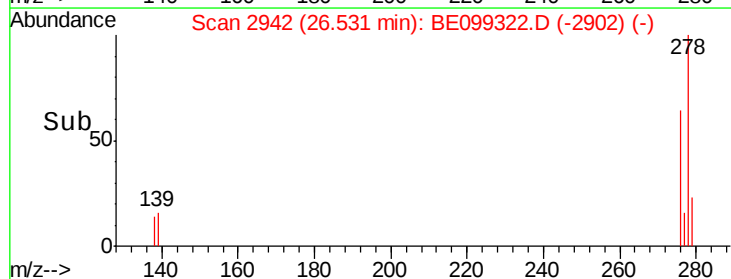
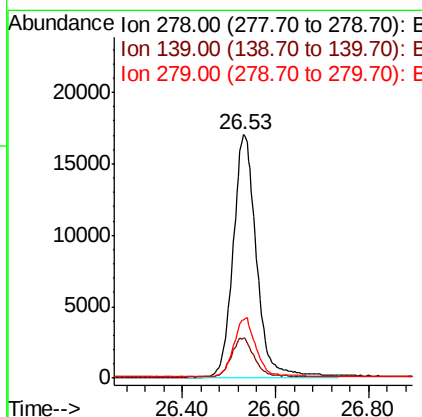
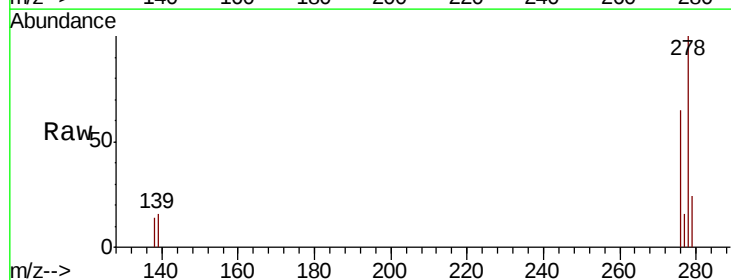
Instrument :
BNA_E
ClientSampleId :

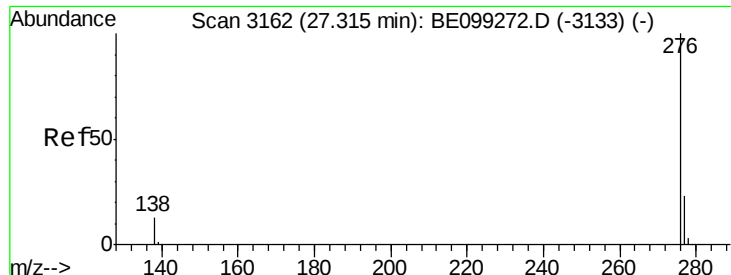
Tot Ion:252 Resp: 59142
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.4 6.8 10.2#



#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.06 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:278 Resp: 59215
Ion Ratio Lower Upper
278 100
139 16.3 9.5 14.3#
279 24.1 19.1 28.7





#39

Benzo(a,h,i)perylene

Concen: 0.408 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.06 min

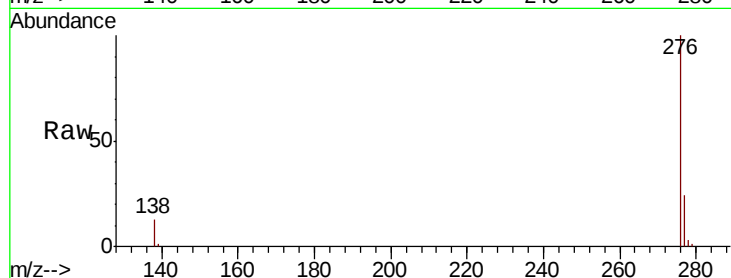
Lab File: BE099322.D

Acq: 15 Apr 2019 9:33

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 57875

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 13.3 11.1 16.7

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

