

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
 Data File : BE099277.D
 Acq On : 2 Apr 2019 16:56
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE040219

Quant Time: Apr 02 19:23:34 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 17:12:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3194	0.40	ng	-0.03
7) Naphthalene-d8	10.62	136	12026	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	8308	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	24079	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	34767	0.40	ng	-0.02
34) Perylene-d12	23.86	264	36008	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	3467	0.41	ng	-0.03
5) Phenol-d6	6.97	99	4556	0.39	ng	-0.01
8) Nitrobenzene-d5	8.97	82	3472	0.42	ng	-0.02
11) 2-Methylnaphthalene-d10	12.21	152	8214	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	1293	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	12843	0.39	ng	-0.01
25) Fluoranthene-d10	19.22	212	122881	0.39	ng	-0.02
29) Terphenyl-d14	19.82	244	25726	0.41	ng	-0.02

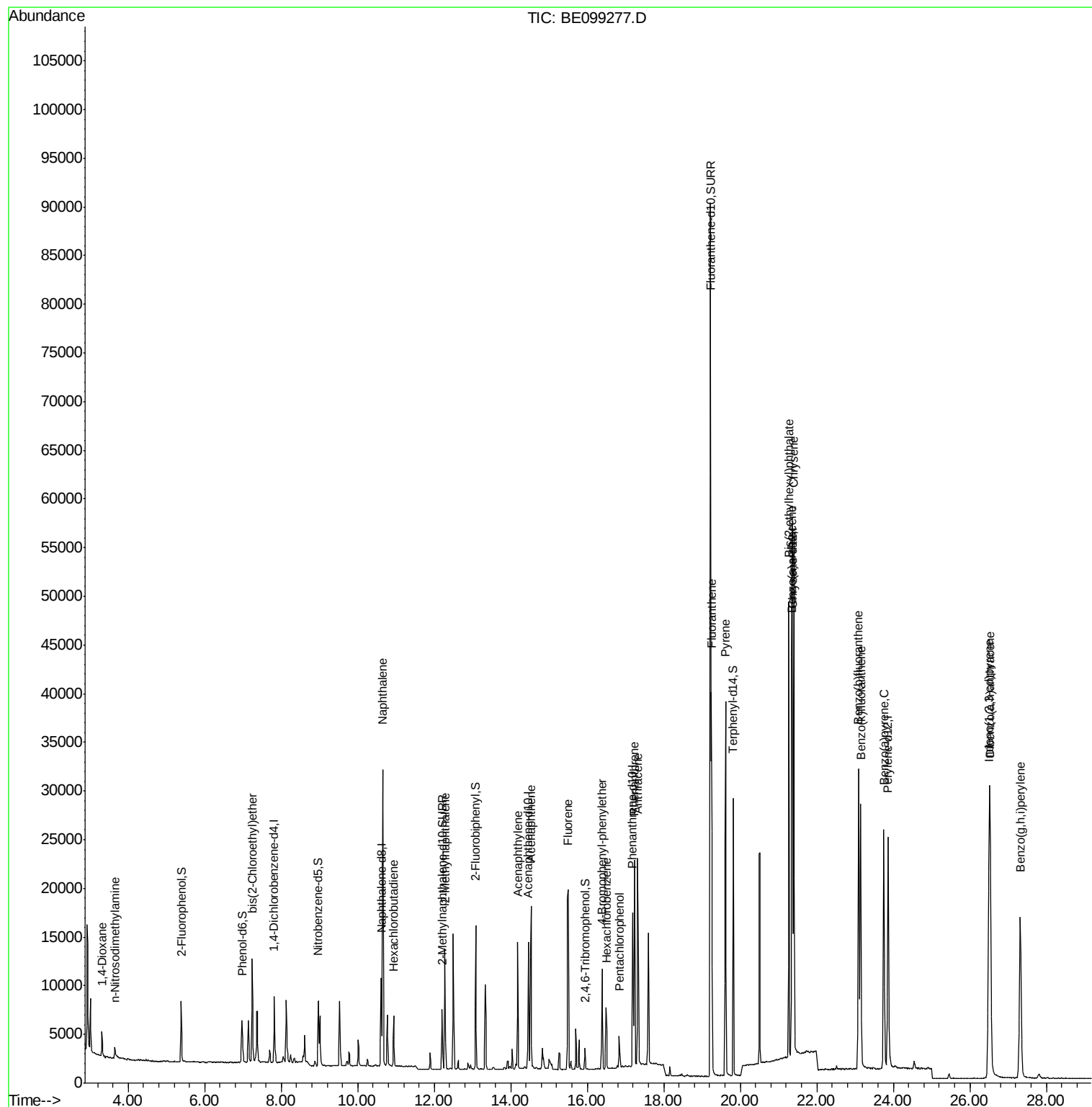
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1848	0.389	ng	# 95
3) n-Nitrosodimethylamine	3.65	42	1035	0.403	ng	# 94
6) bis(2-Chloroethyl)ether	7.24	93	4214	0.403	ng	99
9) Naphthalene	10.65	128	52398	0.401	ng	100
10) Hexachlorobutadiene	10.94	225	3436	0.404	ng	96
12) 2-Methylnaphthalene	12.28	142	8545	0.384	ng	98
16) Acenaphthylene	14.18	152	14420	0.366	ng	100
17) Acenaphthene	14.53	154	8927	0.384	ng	99
18) Fluorene	15.50	166	12619	0.376	ng	97
20) 4-Bromophenyl-phenylether	16.38	248	5290	0.387	ng	# 75
21) Hexachlorobenzene	16.49	284	5322	0.409	ng	97
22) Pentachlorophenol	16.84	266	1756	0.325	ng	89
23) Phenanthrene	17.23	178	25549	0.410	ng	100
24) Anthracene	17.32	178	23044	0.392	ng	99
26) Fluoranthene	19.25	202	35811	0.389	ng	98
28) Pyrene	19.61	202	36919	0.402	ng	99
30) Benzo(a)anthracene	21.34	228	42996	0.393	ng	98
31) Chrysene	21.40	228	44302	0.413	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	45992	0.330	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	49581	0.404	ng	98
35) Benzo(b)fluoranthene	23.09	252	42880	0.399	ng	100
36) Benzo(k)fluoranthene	23.14	252	41664	0.398	ng	99
37) Benzo(a)pyrene	23.75	252	38854	0.385	ng	100
38) Dibenzo(a,h)anthracene	26.53	278	41424	0.412	ng	100
39) Benzo(g,h,i)perylene	27.32	276	40725	0.407	ng	98

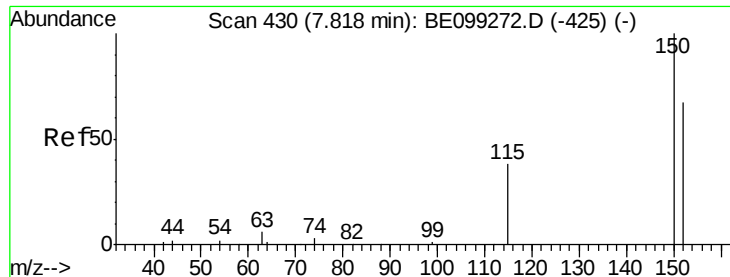
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 02 17:12:00 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

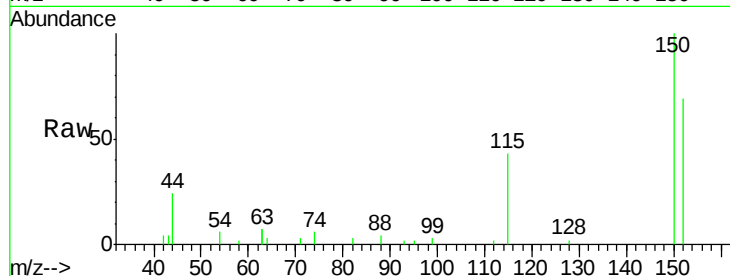
Tgt Ion:152 Resp: 3194

Ion Ratio Lower Upper

152 100

150 144.3 112.8 169.2

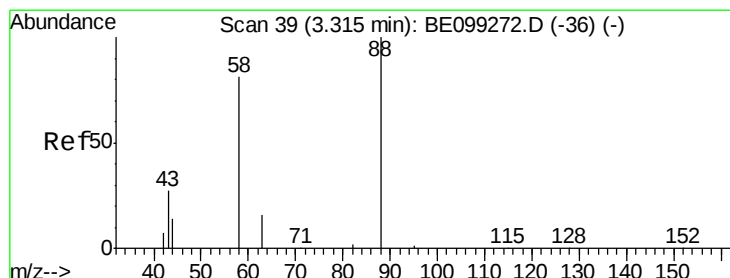
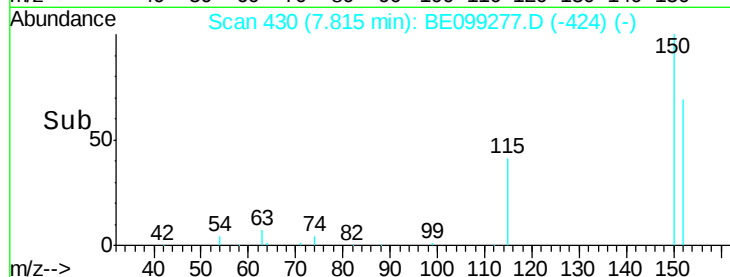
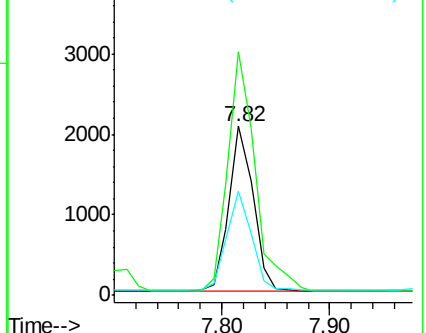
115 61.7 45.1 67.7



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: 0.389 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

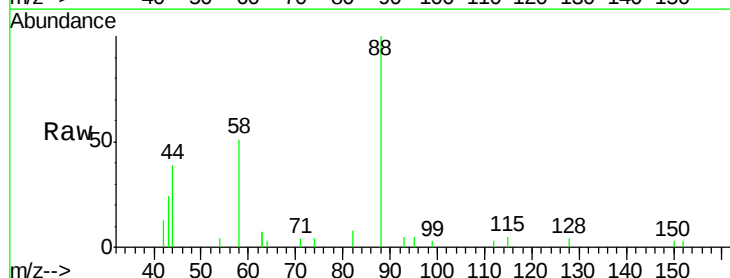
Tgt Ion: 88 Resp: 1848

Ion Ratio Lower Upper

88 100

58 61.9 47.4 71.0

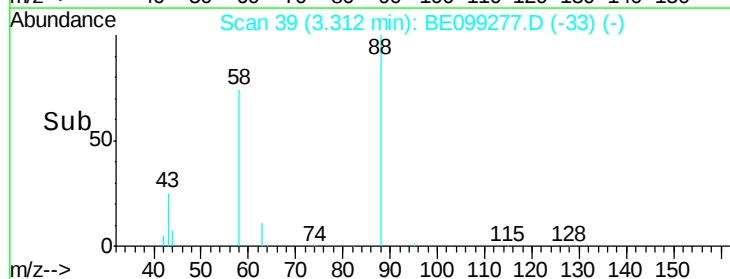
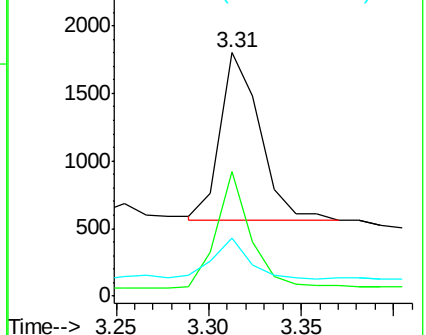
43 23.6 15.6 23.4#

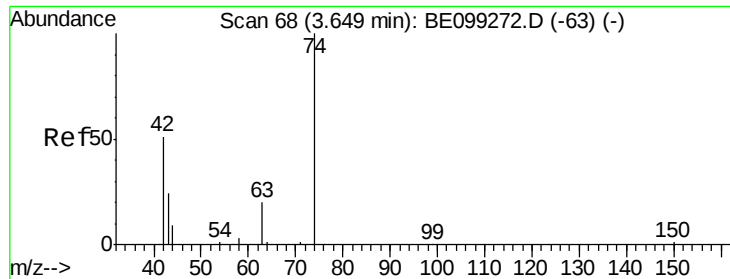


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.403 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

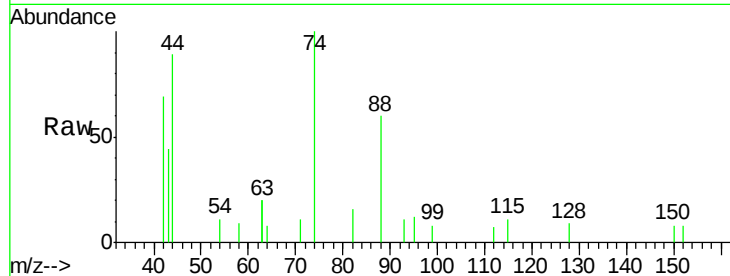
Tgt Ion: 42 Resp: 1035

Ion Ratio Lower Upper

42 100

74 166.8 138.6 207.8

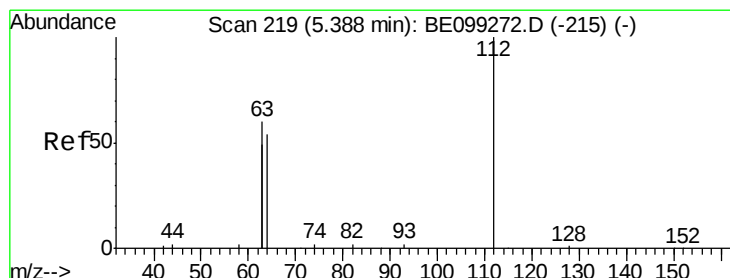
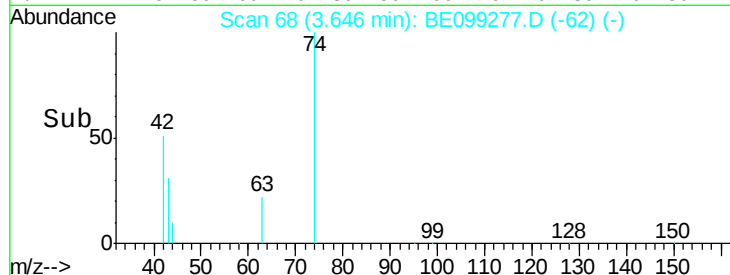
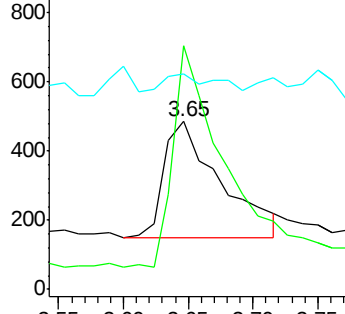
44 10.3 15.0 22.6#



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: 0.408 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

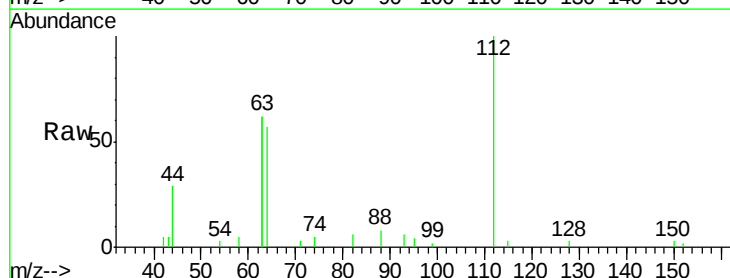
Tgt Ion: 112 Resp: 3467

Ion Ratio Lower Upper

112 100

64 57.5 46.2 69.2

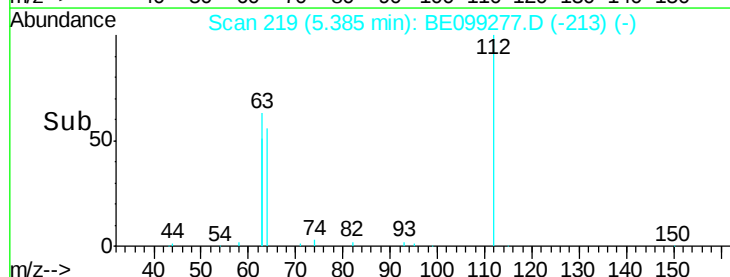
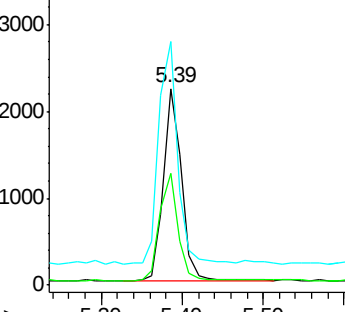
63 117.9 89.9 134.9

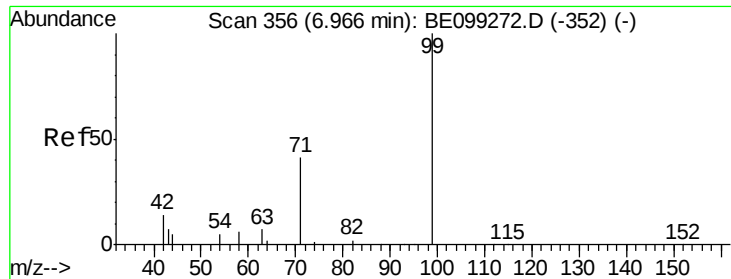


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

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ClientSampleId :

ICVBE040219

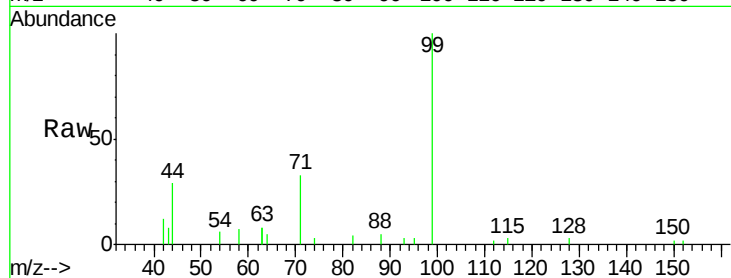
Tgt Ion: 99 Resp: 4556

Ion Ratio Lower Upper

99 100

42 14.0 12.4 18.6

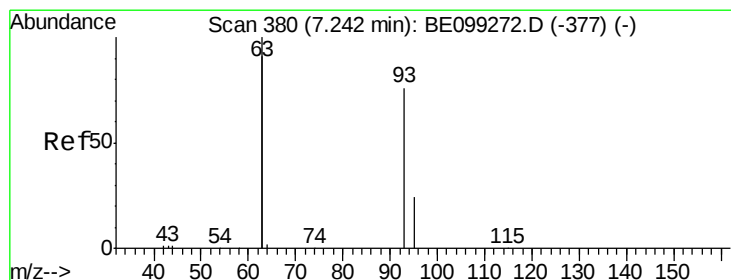
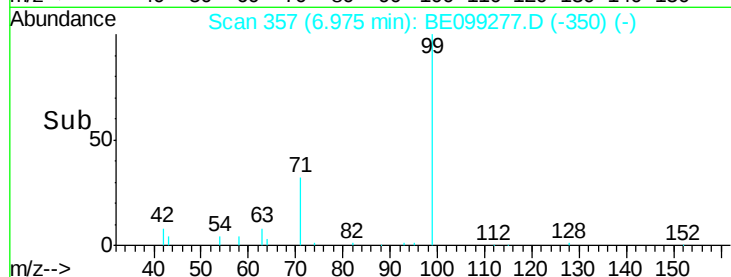
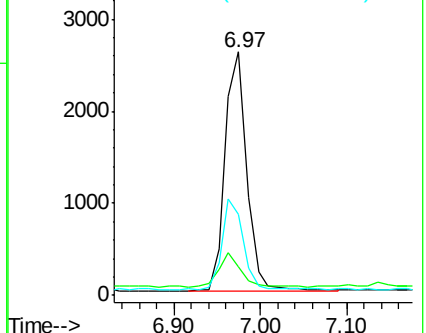
71 37.7 28.4 42.6



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: 0.403 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

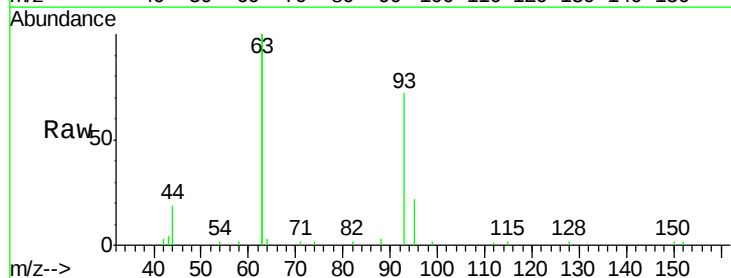
Tgt Ion: 93 Resp: 4214

Ion Ratio Lower Upper

93 100

63 274.6 221.4 332.0

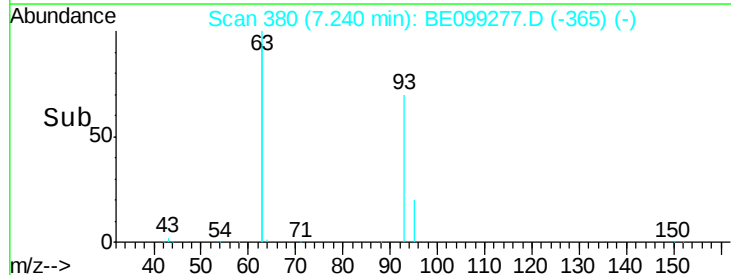
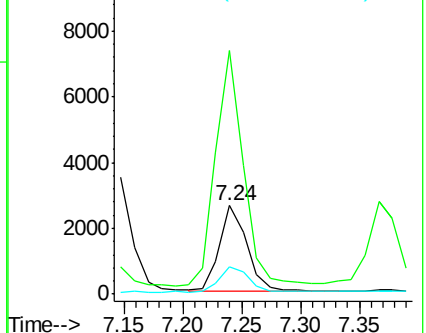
95 30.8 25.8 38.8

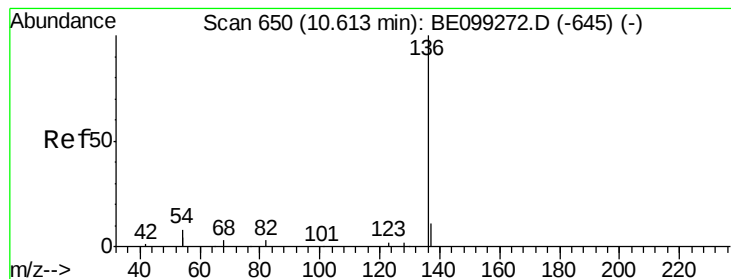


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.62 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

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ClientSampleId :

ICVBE040219

Tgt Ion:136 Resp: 12026

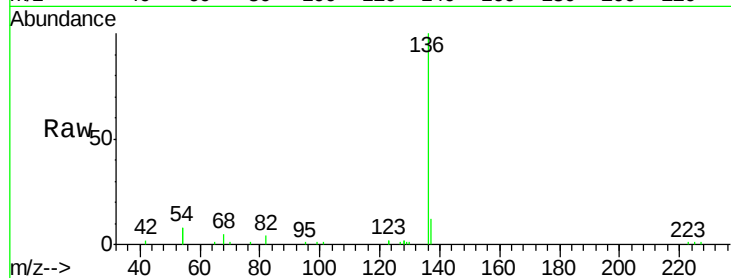
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 15.8 18.7 28.1#

68 4.7 5.2 7.8#

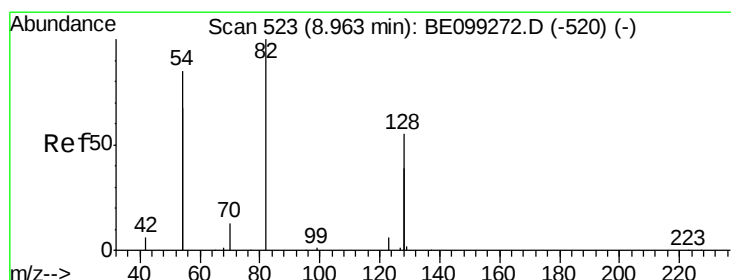
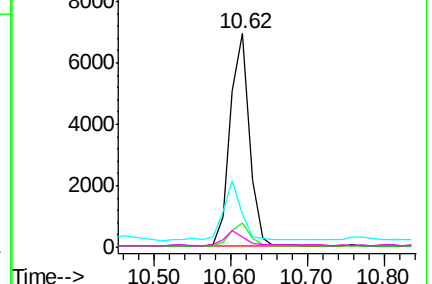
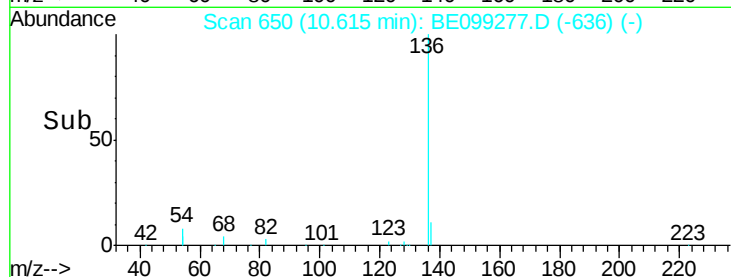


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.02 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

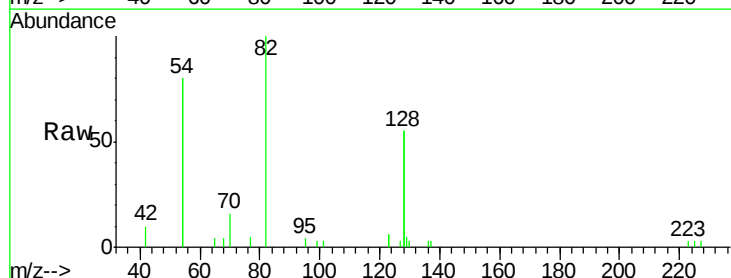
Tgt Ion: 82 Resp: 3472

Ion Ratio Lower Upper

82 100

128 109.4 107.5 161.3

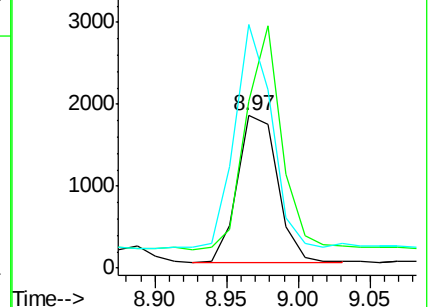
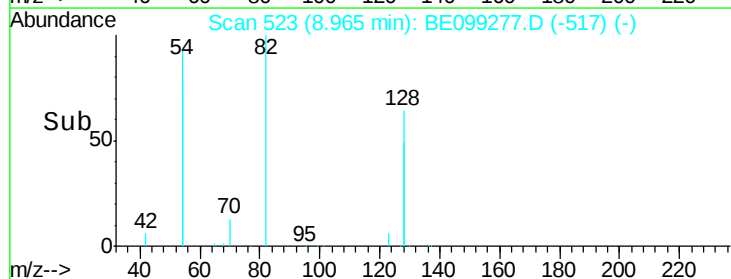
54 159.4 106.3 159.5

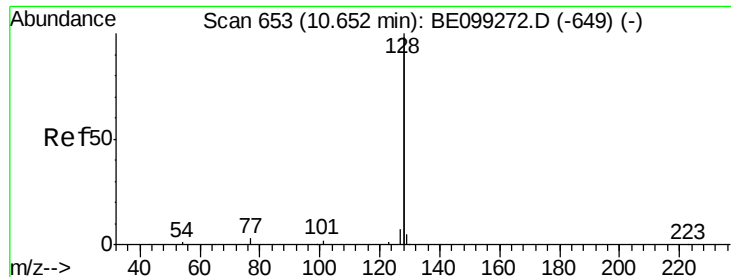


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.02 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

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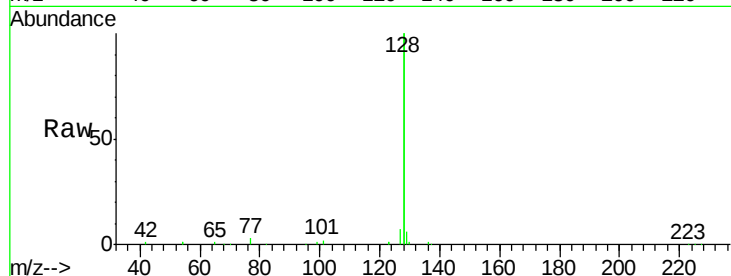
Tgt Ion:128 Resp: 52398

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

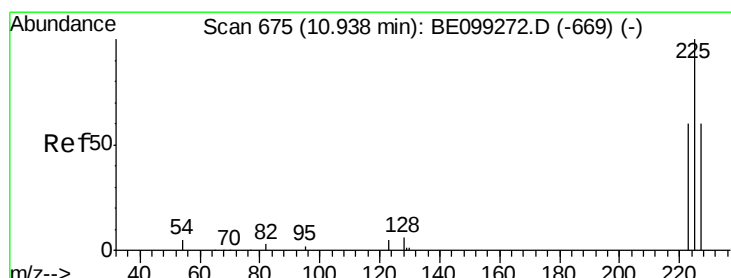
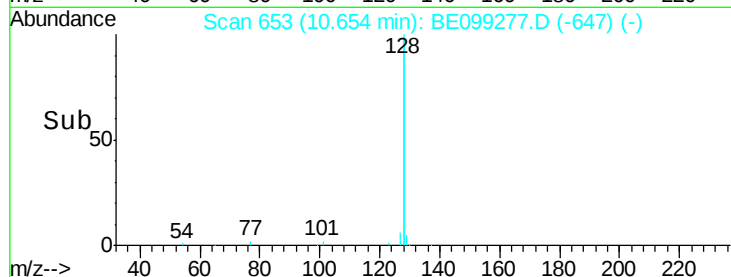
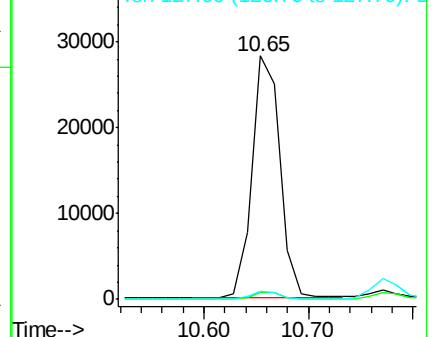
127 3.4 2.6 3.8



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: 0.404 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

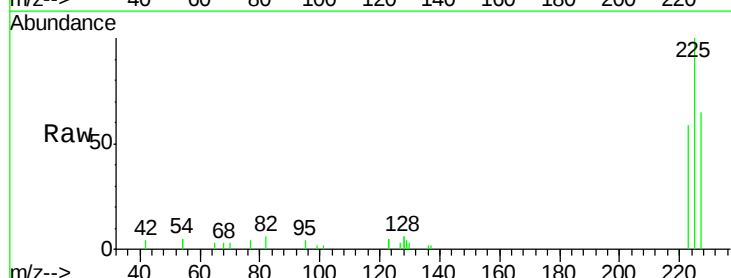
Tgt Ion:225 Resp: 3436

Ion Ratio Lower Upper

225 100

223 60.8 51.3 76.9

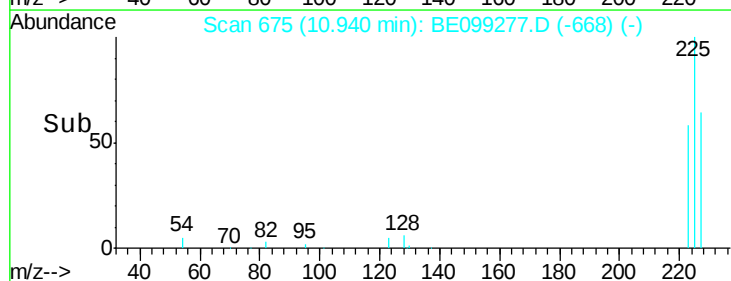
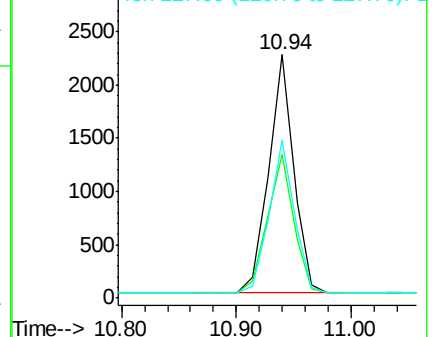
227 64.3 48.6 73.0

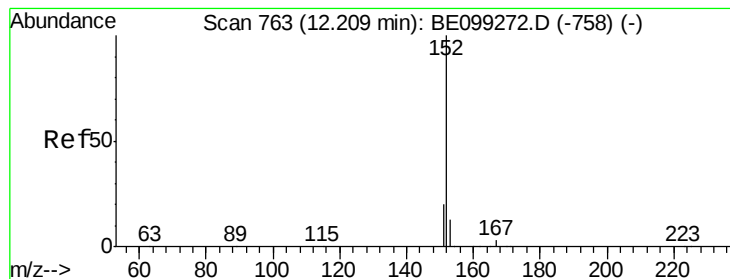


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

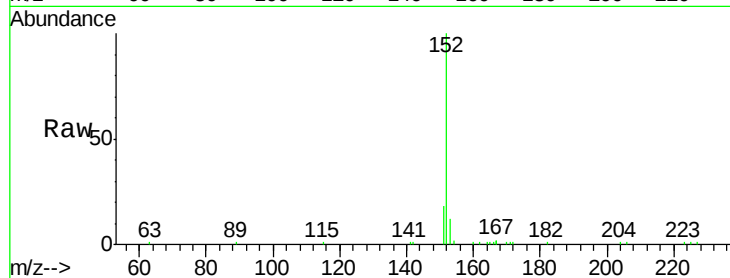
ICVBE040219

Tgt Ion:152 Resp: 8214

Ion Ratio Lower Upper

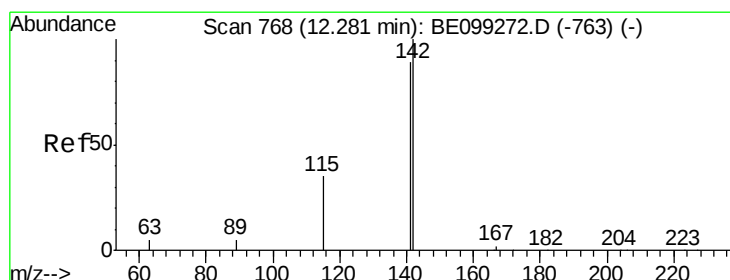
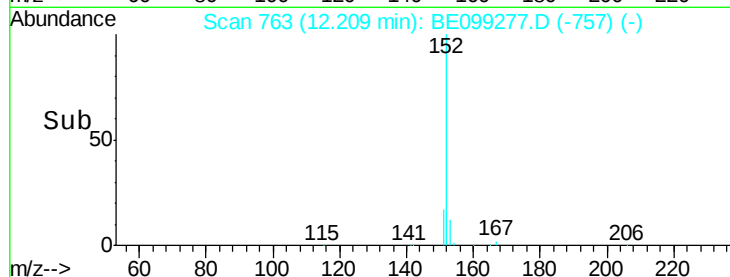
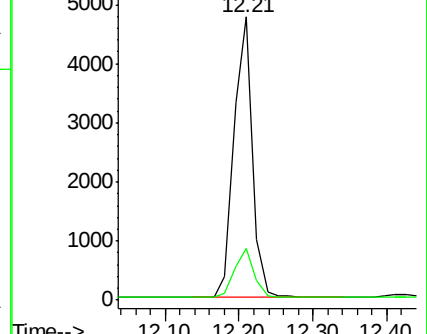
152 100

151 18.4 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.384 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

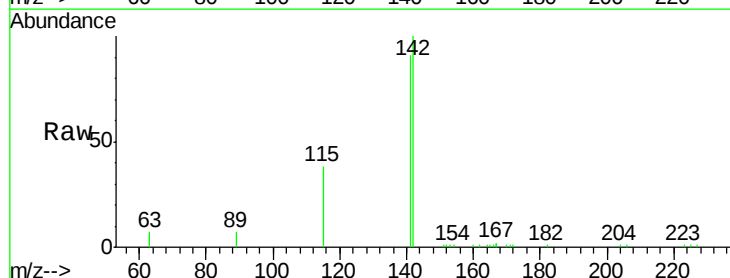
Tgt Ion:142 Resp: 8545

Ion Ratio Lower Upper

142 100

141 90.9 71.3 106.9

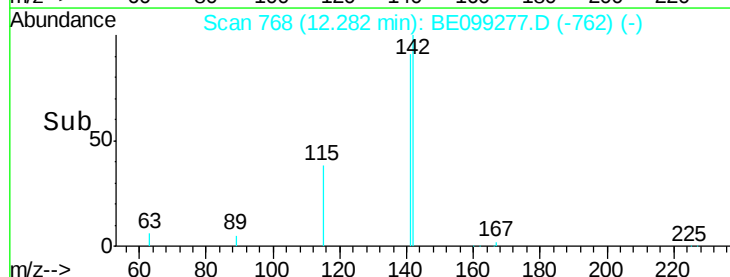
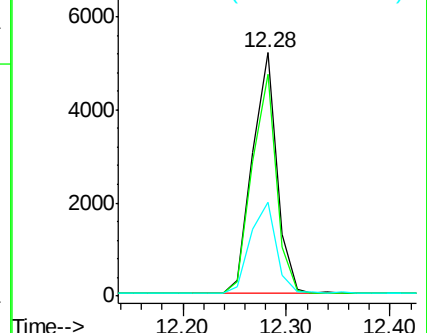
115 38.5 30.4 45.6

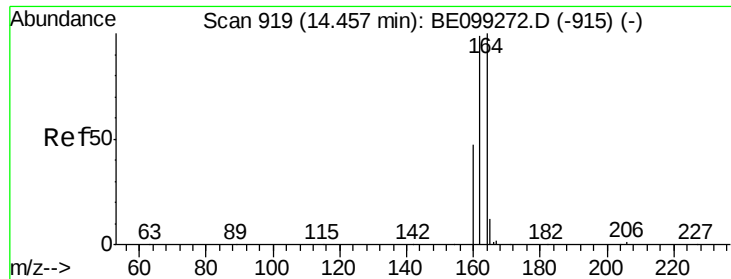


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

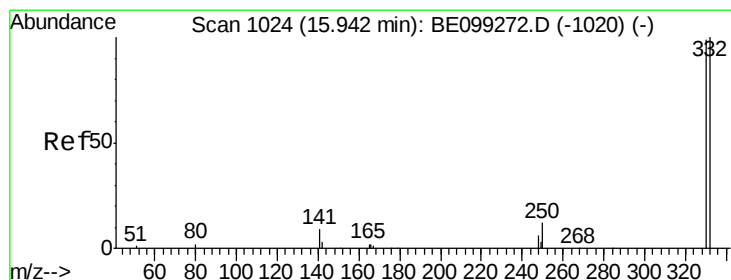
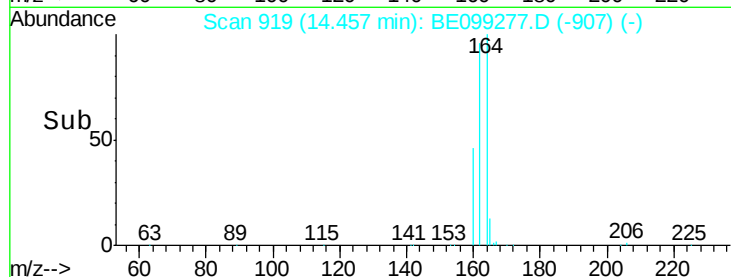
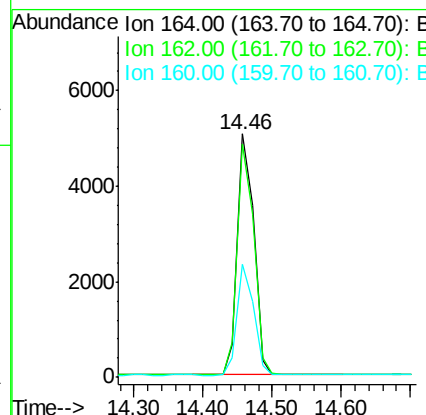
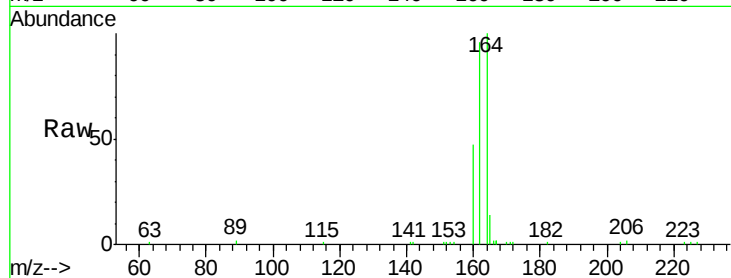




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099277.D
Acq: 2 Apr 2019 16:56

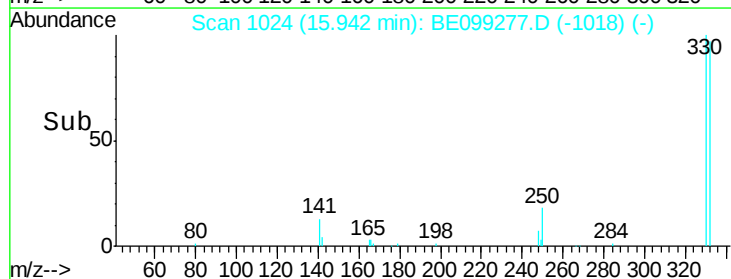
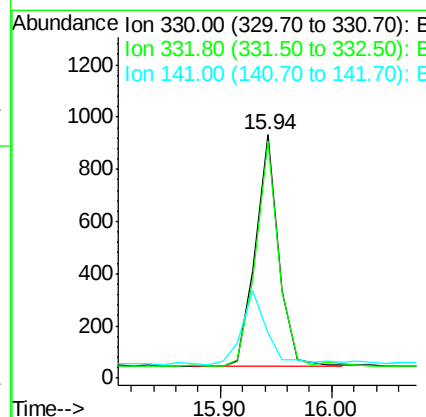
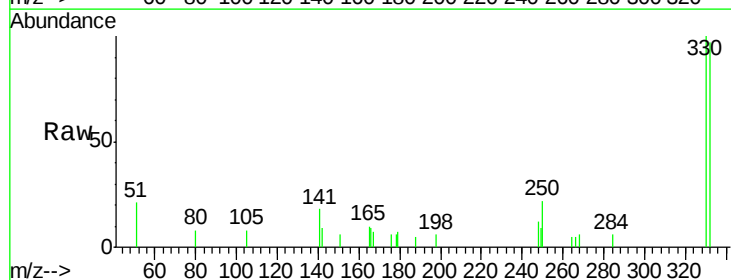
Instrument :
BNA_E
ClientSampleId :
ICVBE040219

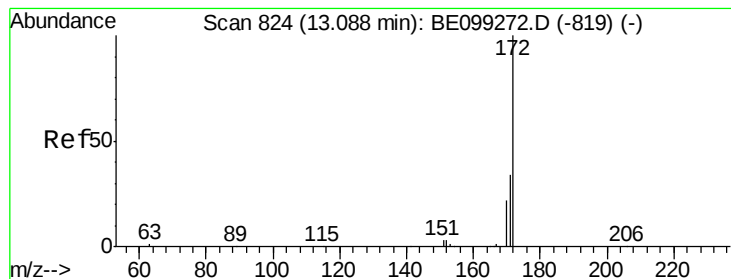
Tgt Ion:164 Resp: 8308
Ion Ratio Lower Upper
164 100
162 95.7 79.2 118.8
160 46.7 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099277.D
Acq: 2 Apr 2019 16:56

Tgt Ion:330 Resp: 1293
Ion Ratio Lower Upper
330 100
332 97.4 71.3 106.9
141 36.0 21.7 32.5#

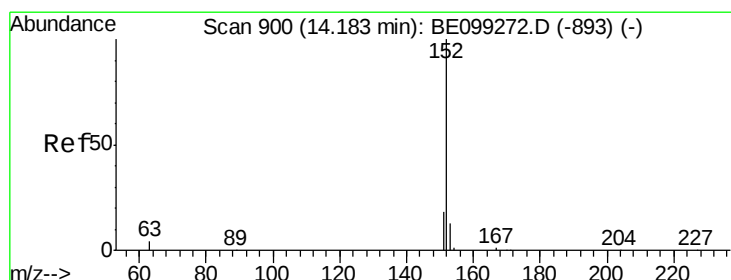
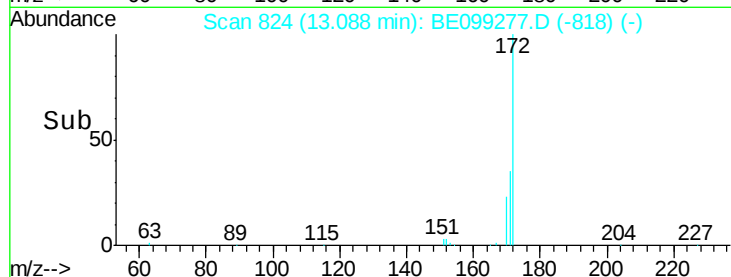
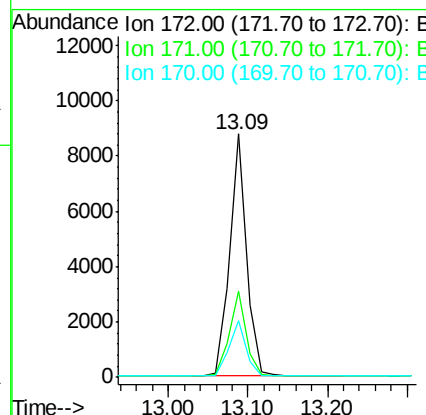
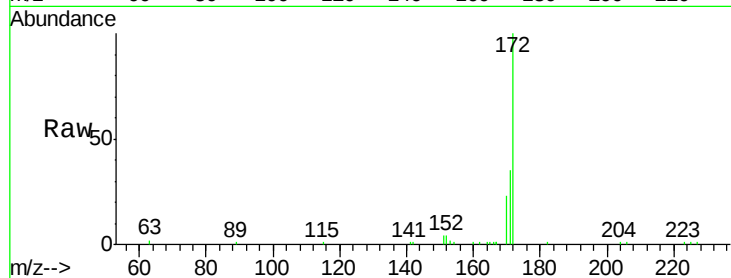




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099277.D
Acq: 2 Apr 2019 16:56

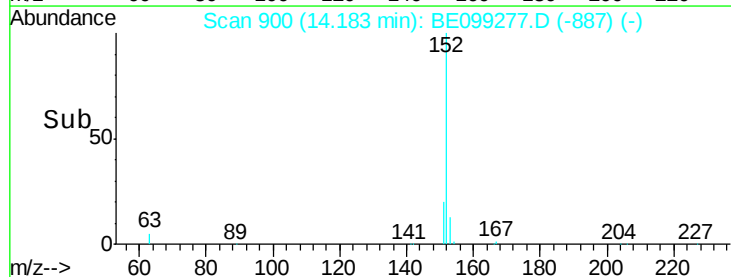
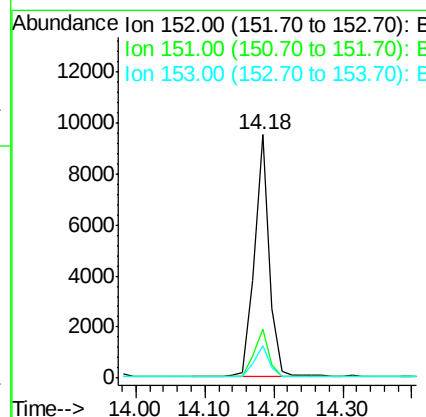
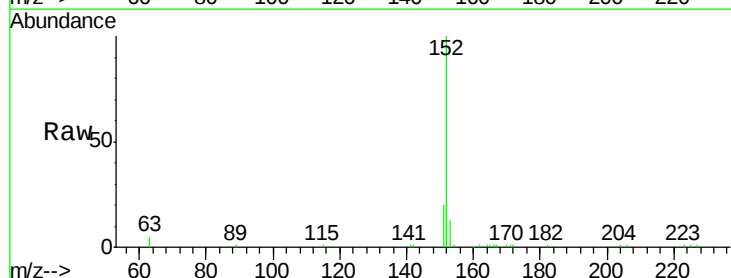
Instrument :
BNA_E
ClientSampleId :
ICVBE040219

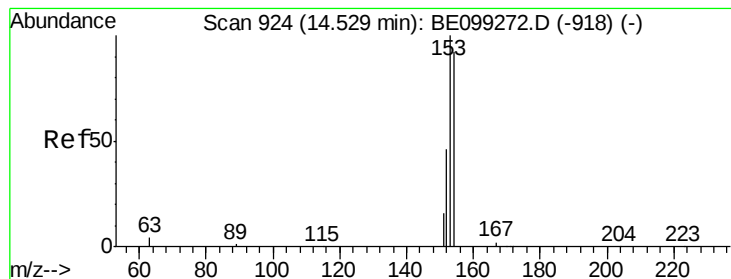
Tgt Ion:172 Resp: 12843
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 23.4 19.1 28.7



#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099277.D
Acq: 2 Apr 2019 16:56

Tgt Ion:152 Resp: 14420
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

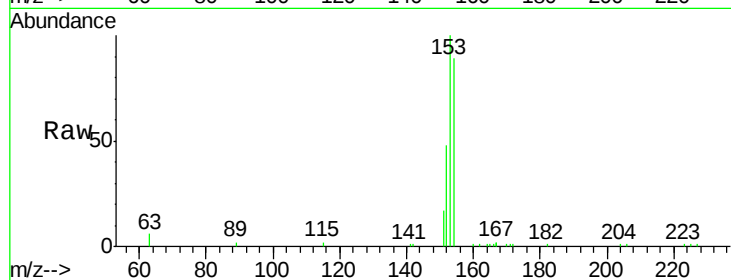
Tgt Ion:154 Resp: 8927

Ion Ratio Lower Upper

154 100

153 116.1 93.4 140.0

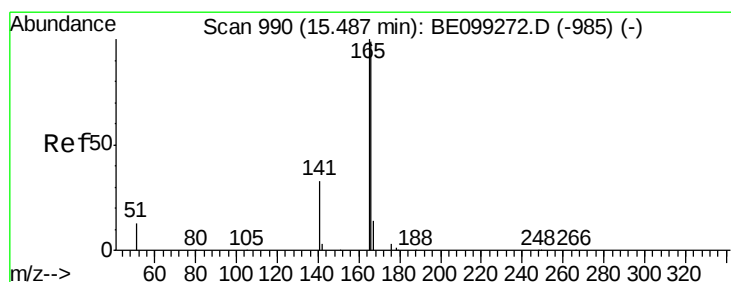
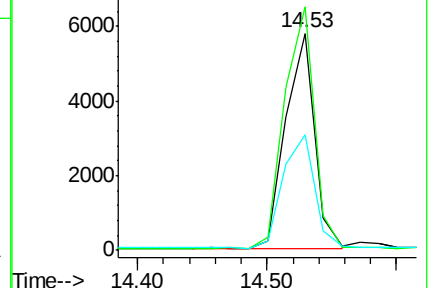
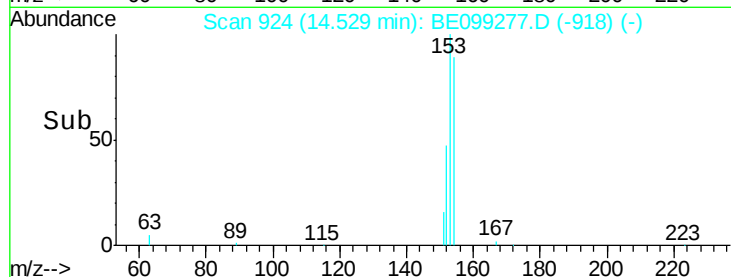
152 57.7 46.6 69.8



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: 0.376 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

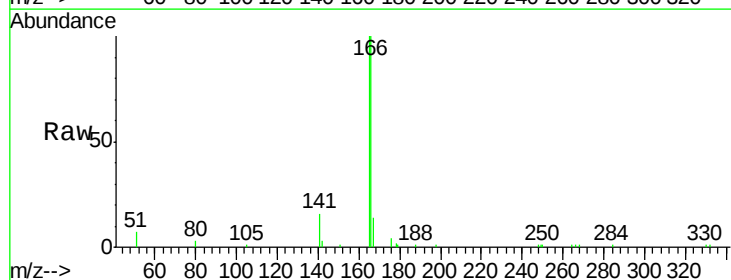
Tgt Ion:166 Resp: 12619

Ion Ratio Lower Upper

166 100

165 101.7 78.9 118.3

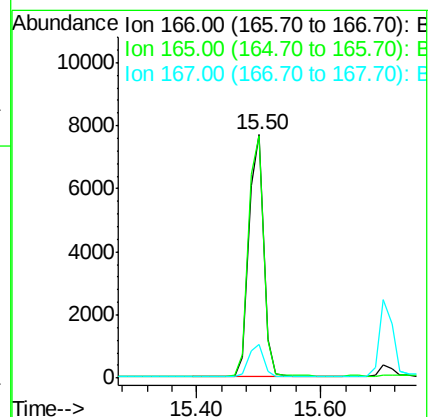
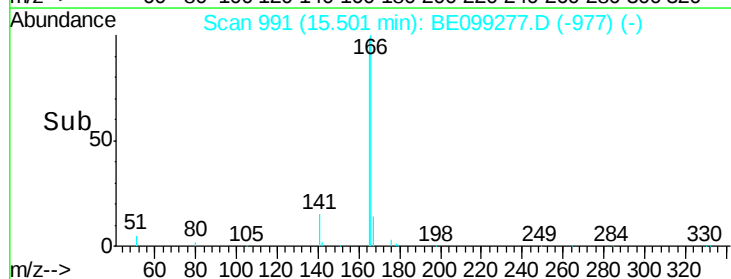
167 13.6 10.9 16.3

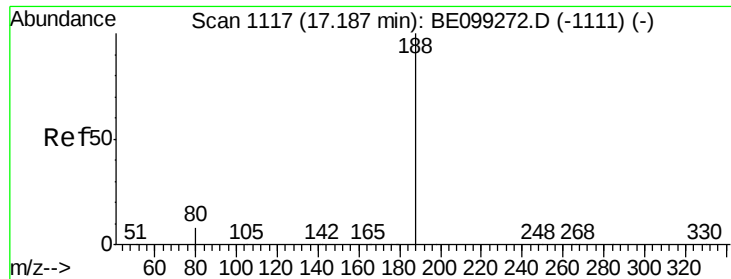


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

Tgt Ion:188 Resp: 24079

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

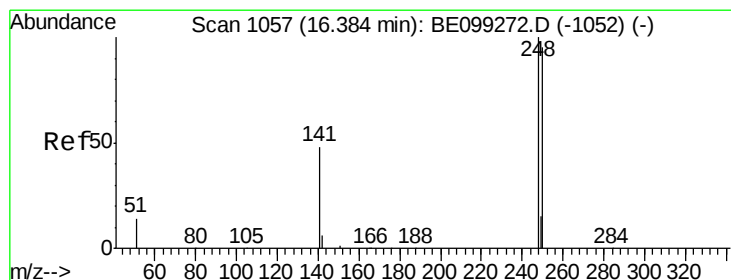
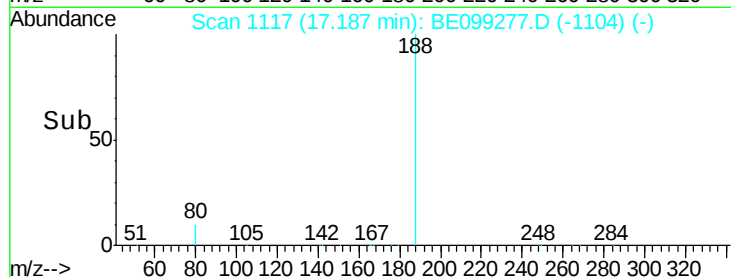
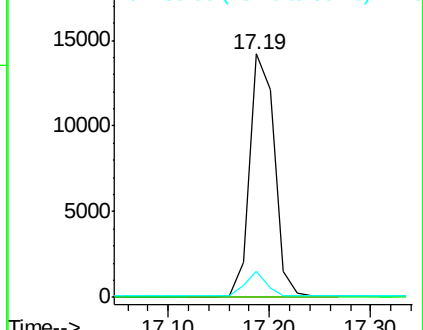
80 10.6 4.5 6.7#



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: 0.387 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

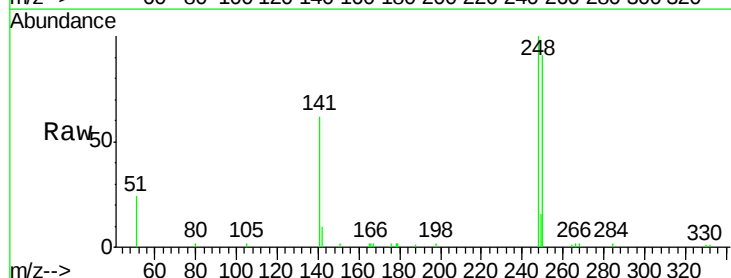
Tgt Ion:248 Resp: 5290

Ion Ratio Lower Upper

248 100

250 91.2 84.2 126.2

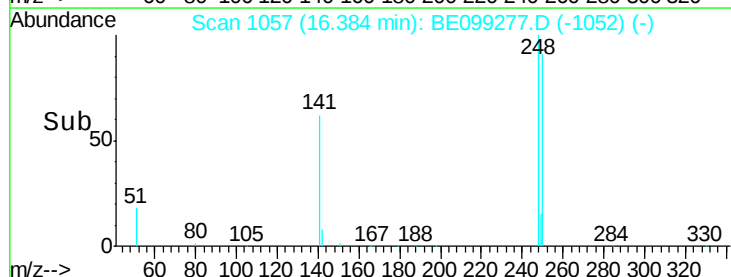
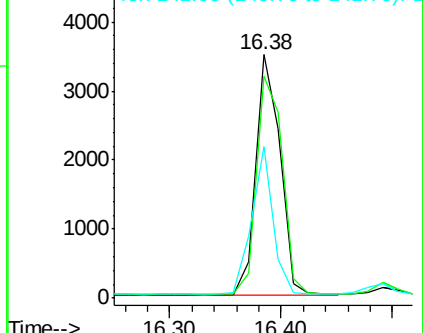
141 62.4 21.8 32.6#

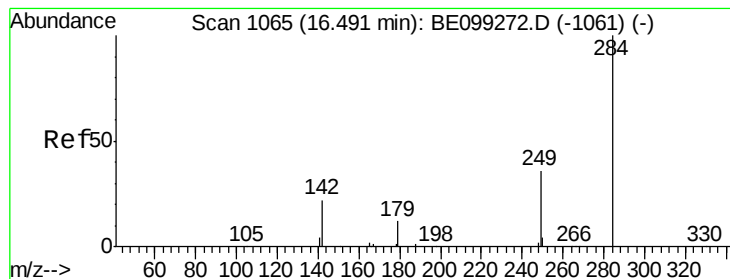


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

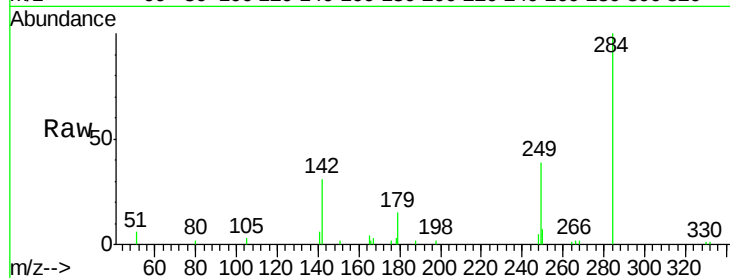
Tgt Ion:284 Resp: 5322

Ion Ratio Lower Upper

284 100

142 26.5 22.7 34.1

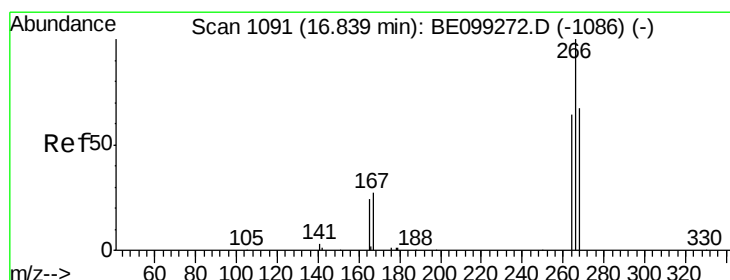
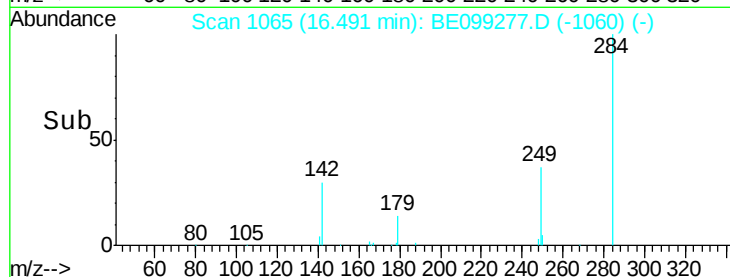
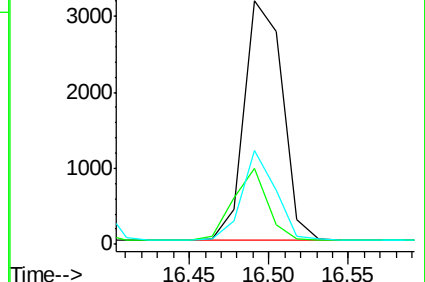
249 32.7 26.9 40.3



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: 0.325 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

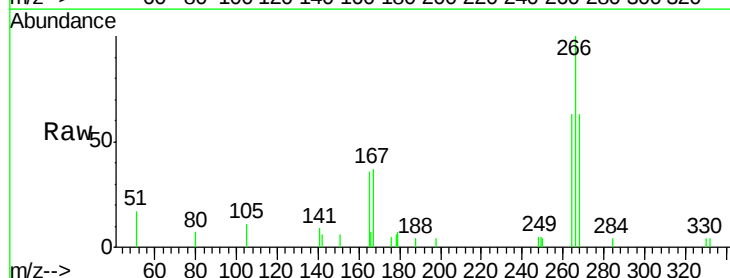
Tgt Ion:266 Resp: 1756

Ion Ratio Lower Upper

266 100

264 63.3 54.4 81.6

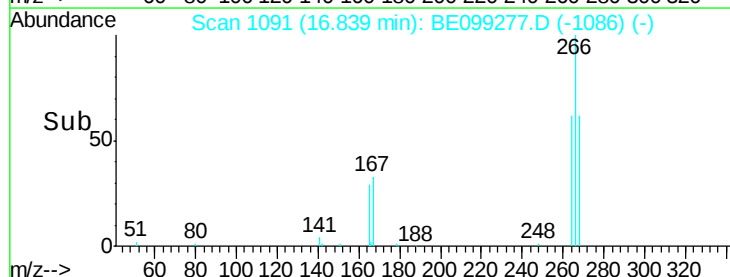
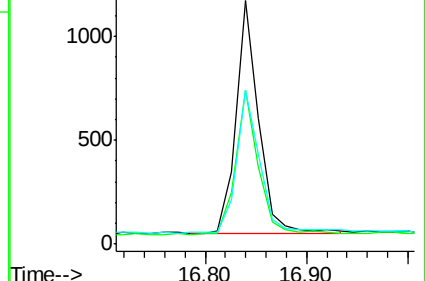
268 63.1 61.3 91.9

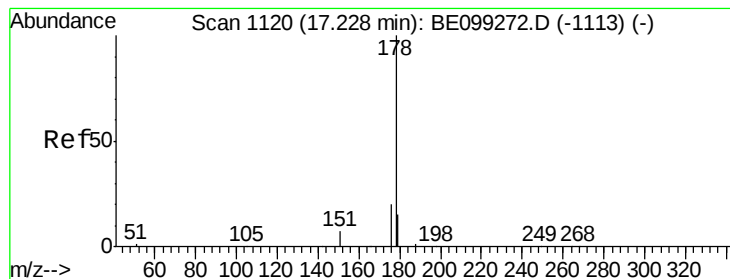


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.410 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

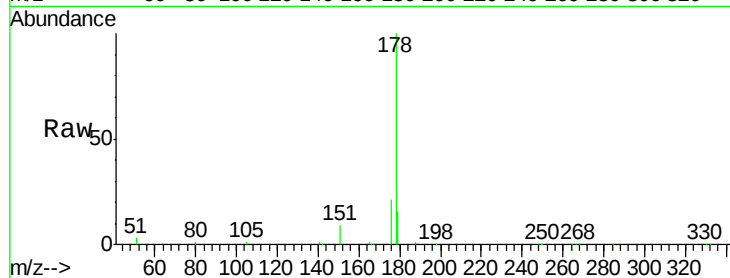
Tgt Ion:178 Resp: 25549

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

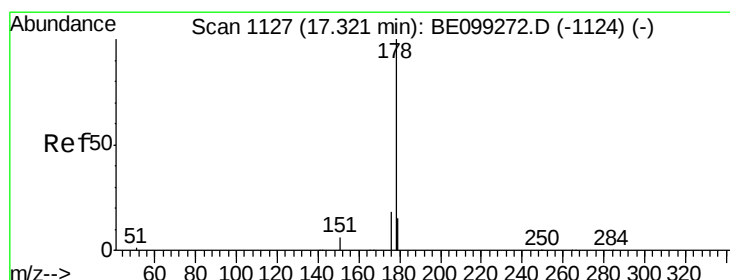
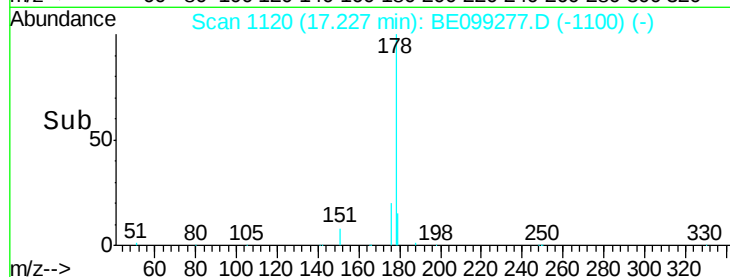
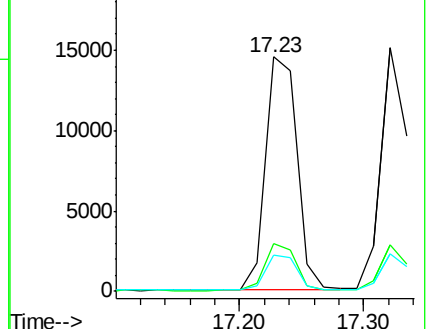
179 15.2 12.3 18.5



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: 0.392 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

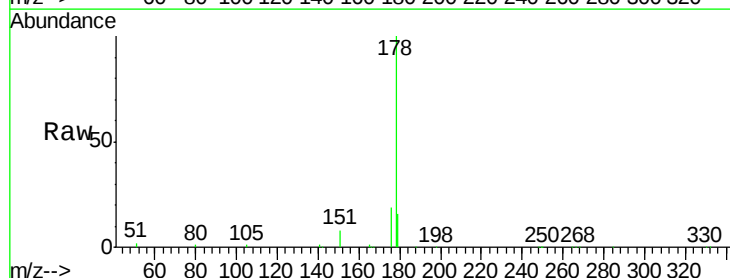
Tgt Ion:178 Resp: 23044

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

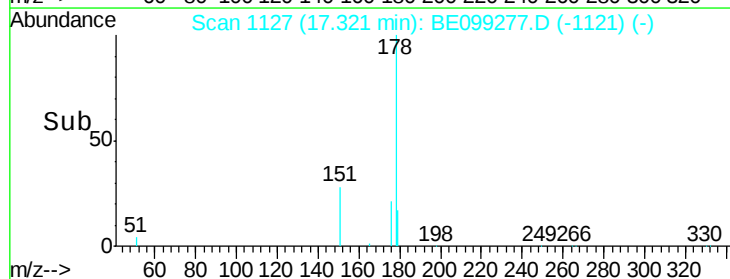
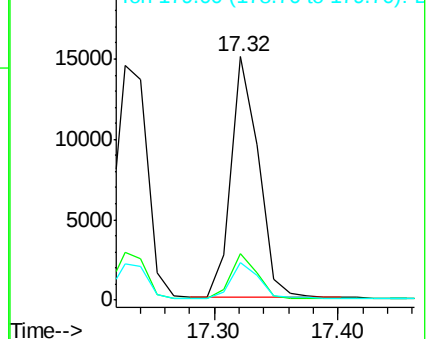
179 15.7 12.4 18.6

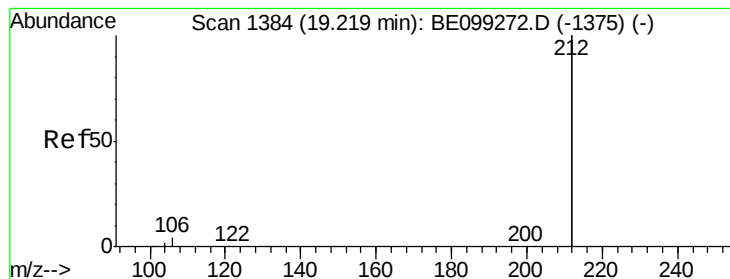


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

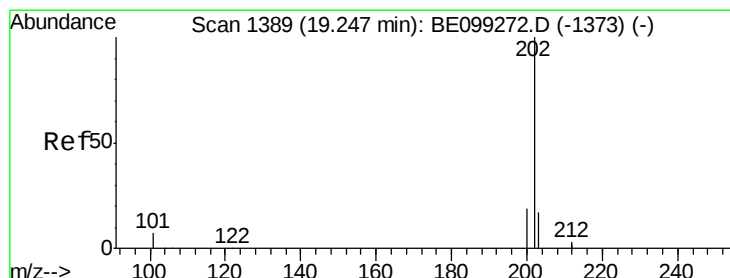
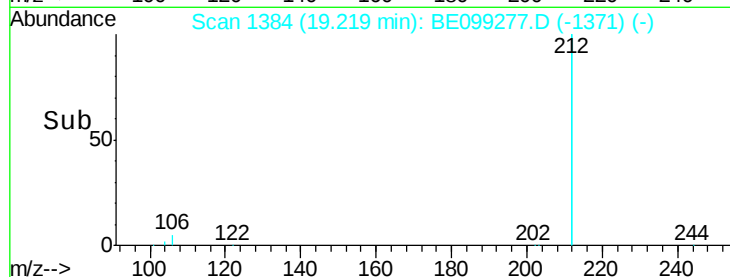
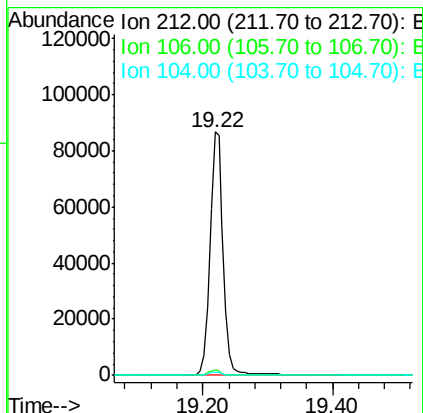
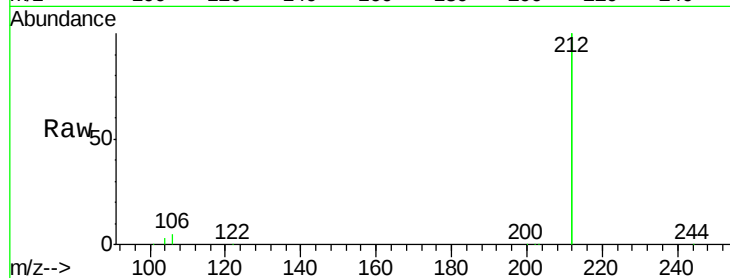
Instrument :

BNA_E

ClientSampleId :

ICVBE040219

Tgt Ion:	212	Resp:	122881
Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.2	1.1	1.7



#26

Fluoranthene

Concen: 0.389 ng

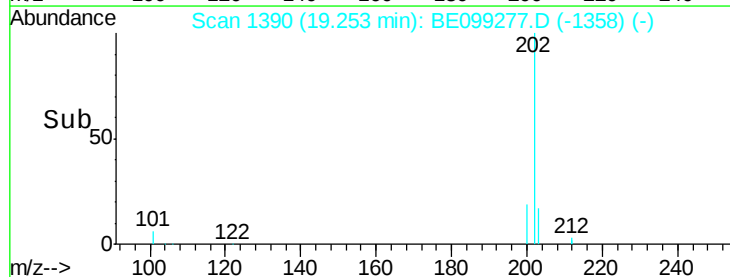
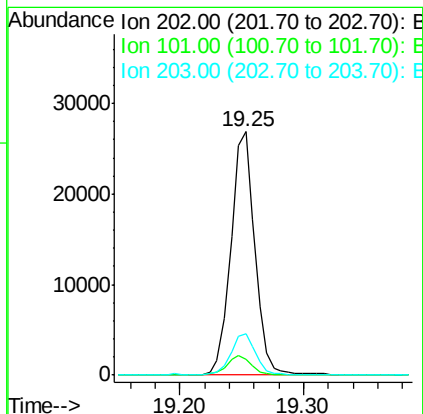
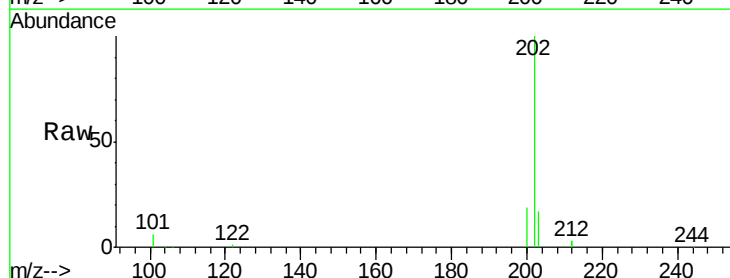
RT: 19.25 min Scan# 1390

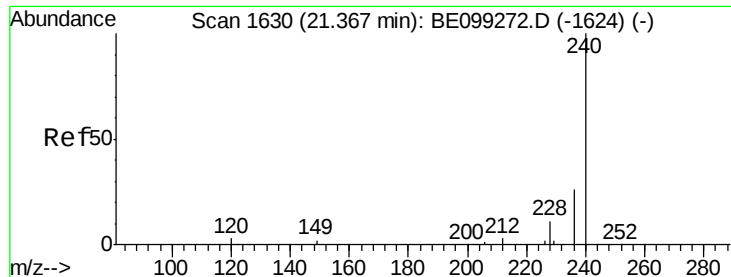
Delta R.T. -0.02 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Tgt Ion:	202	Resp:	35811
Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	16.8	13.8	20.6

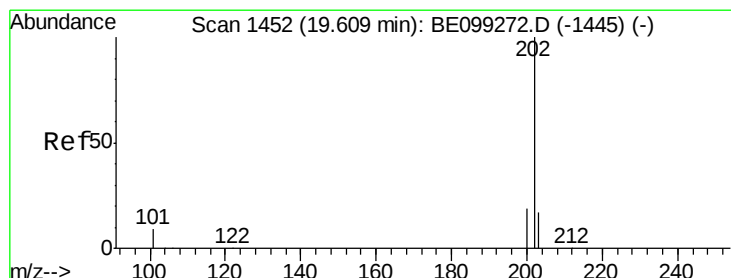
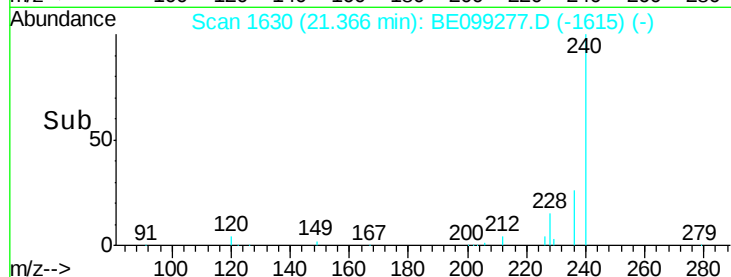
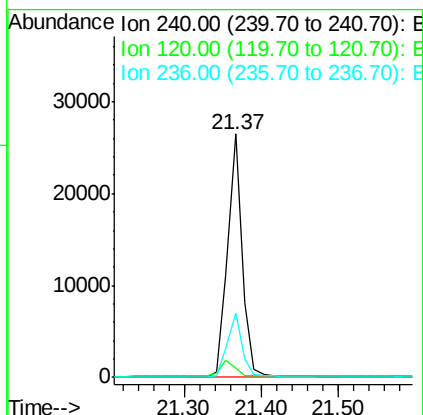
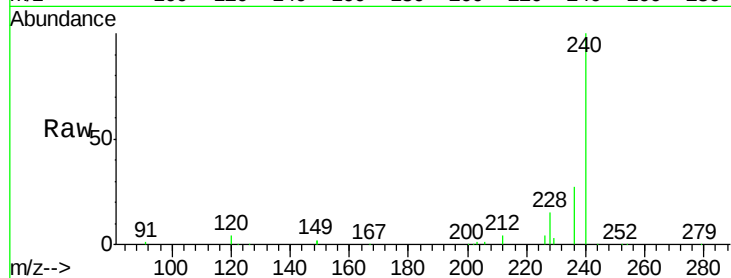




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BE099277.D
 Acq: 2 Apr 2019 16:56

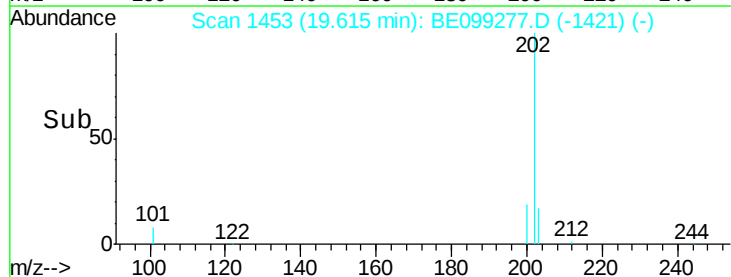
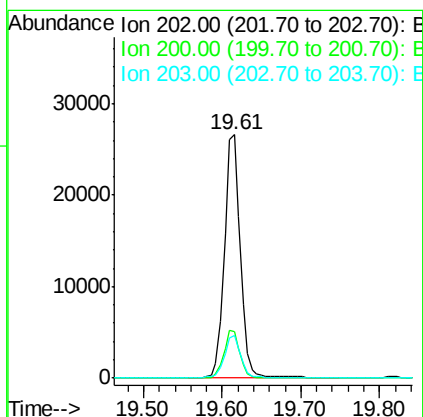
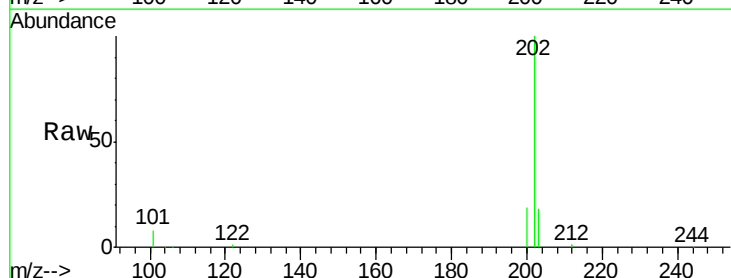
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE040219

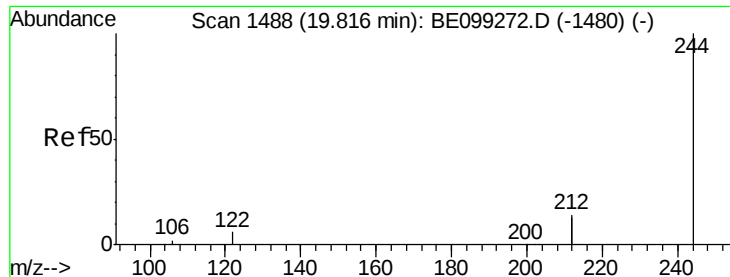
Tgt Ion:240 Resp: 34767
 Ion Ratio Lower Upper
 240 100
 120 4.0 2.6 3.8#
 236 26.6 20.9 31.3



#28
 Pyrene
 Concen: 0.402 ng
 RT: 19.61 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BE099277.D
 Acq: 2 Apr 2019 16:56

Tgt Ion:202 Resp: 36919
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.8 23.8
 203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

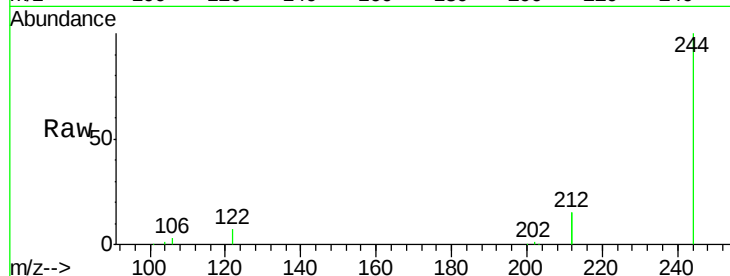
Tgt Ion:244 Resp: 25726

Ion Ratio Lower Upper

244 100

212 30.4 22.7 34.1

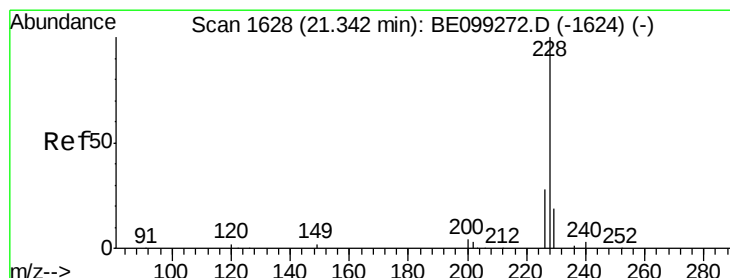
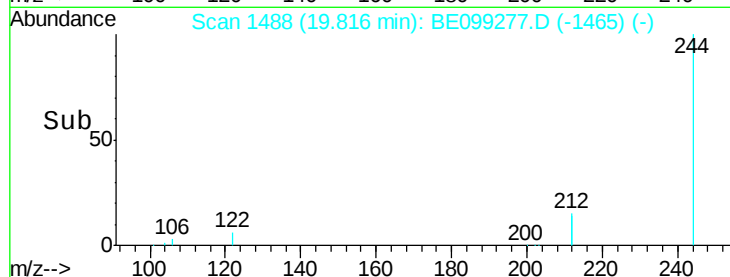
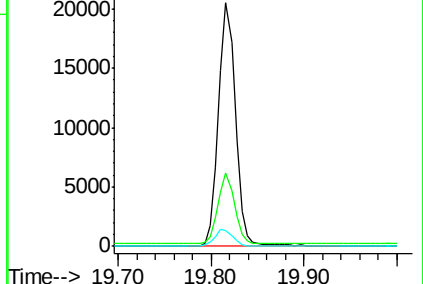
122 6.7 5.8 8.6



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: 0.393 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

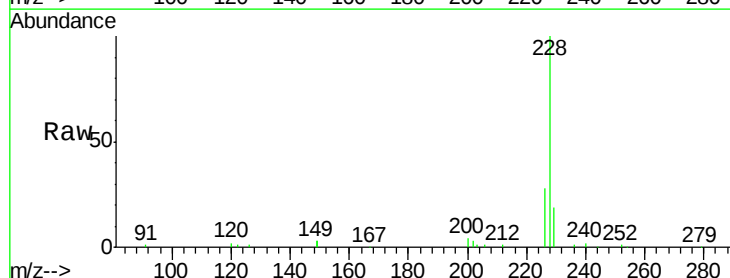
Tgt Ion:228 Resp: 42996

Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

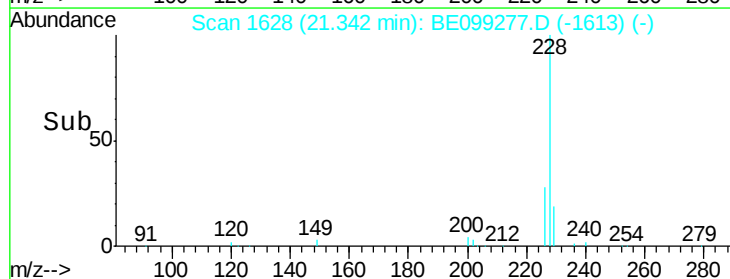
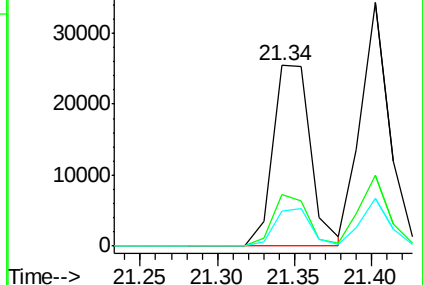
229 19.1 15.9 23.9

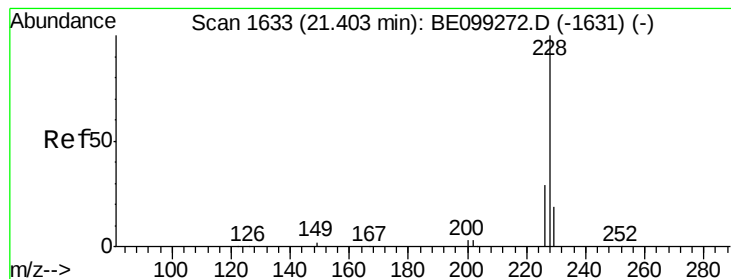


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

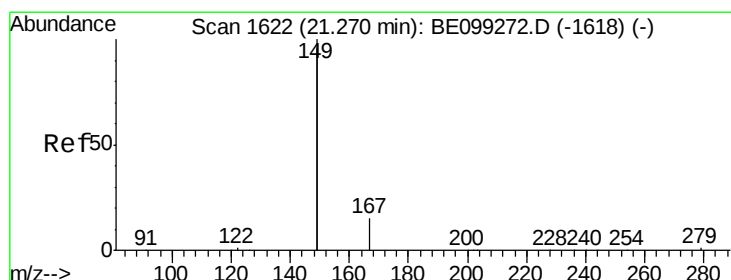
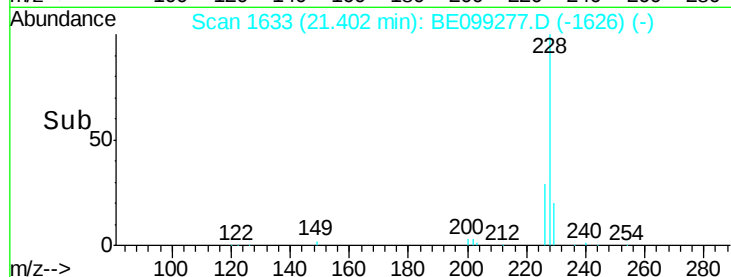
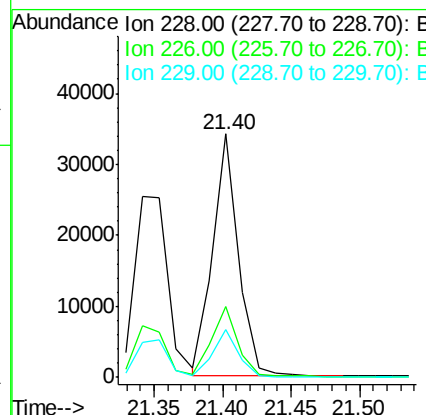
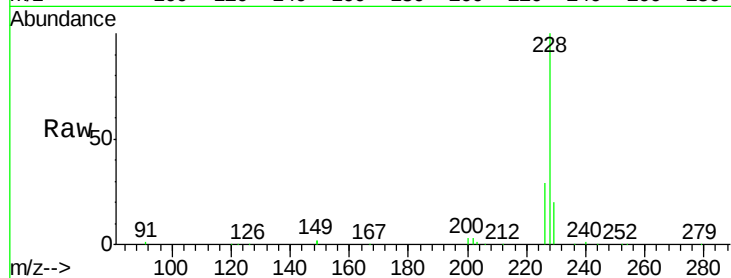




#31
 Chrysene
 Concen: 0.413 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099277.D
 Acq: 2 Apr 2019 16:56

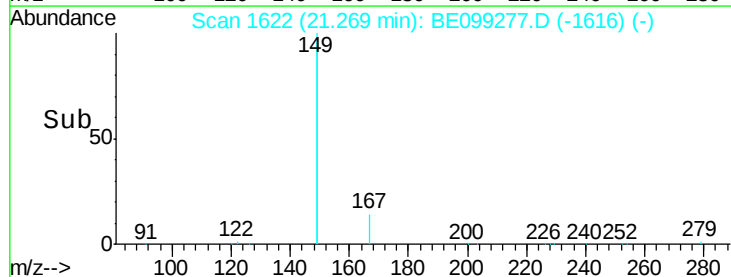
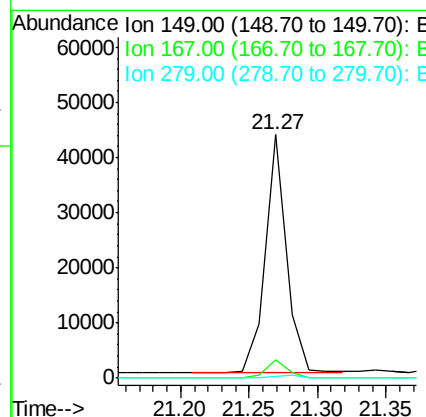
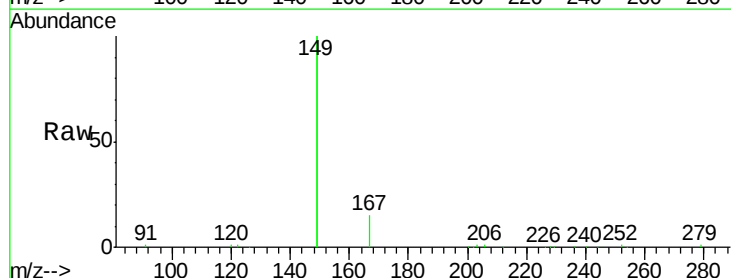
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE040219

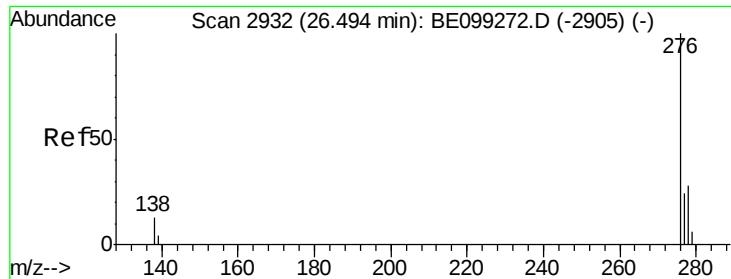
Tgt Ion: 228 Resp: 44302
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.8 37.2
 229 19.9 15.4 23.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.330 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BE099277.D
 Acq: 2 Apr 2019 16:56

Tgt Ion: 149 Resp: 45992
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.9 8.9
 279 1.2 1.0 1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.404 ng

RT: 26.50 min Scan# 2934

Delta R.T. -0.05 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

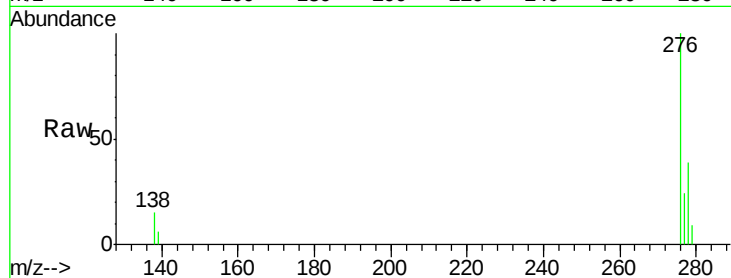
Tgt Ion:276 Resp: 49581

Ion Ratio Lower Upper

276 100

138 15.8 12.9 19.3

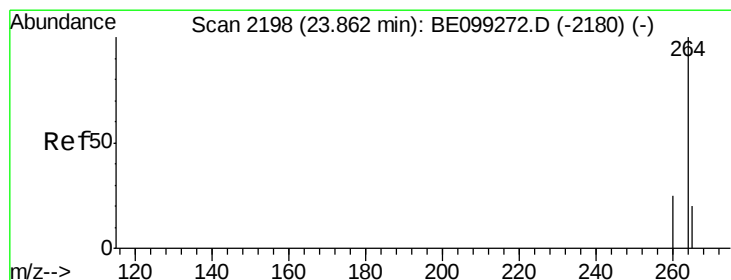
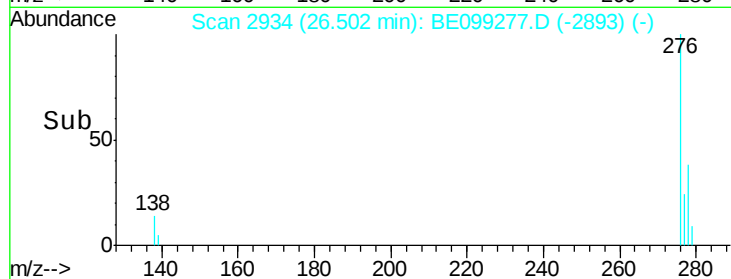
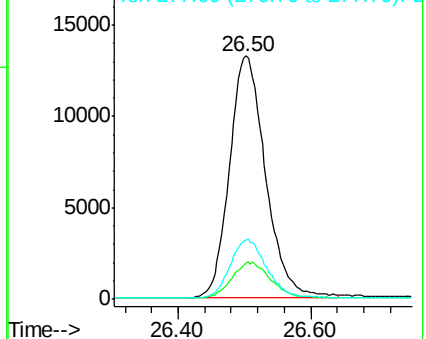
277 24.6 18.3 27.5



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: 23.86 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

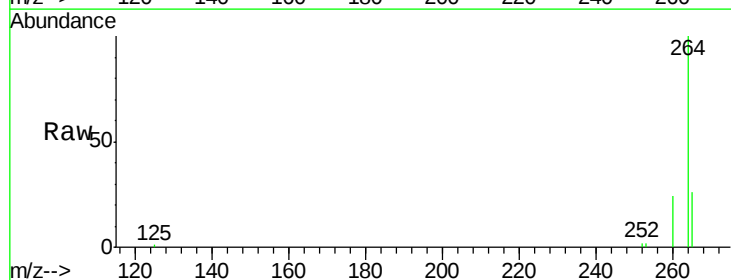
Tgt Ion:264 Resp: 36008

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.2

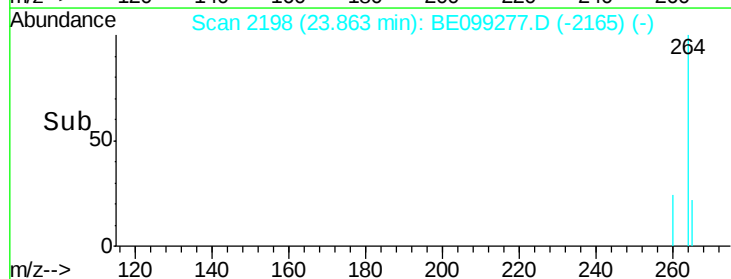
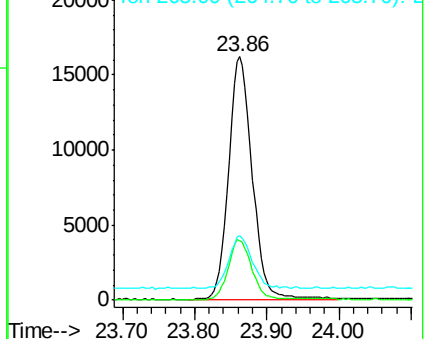
265 26.3 21.8 32.8

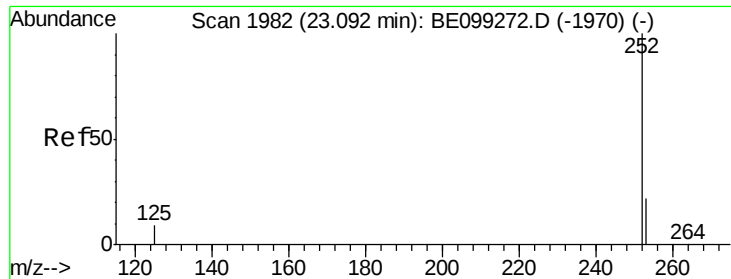


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

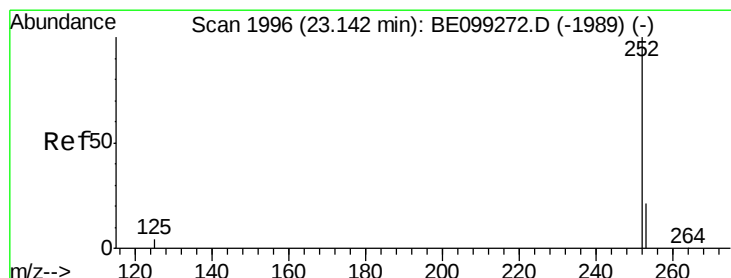
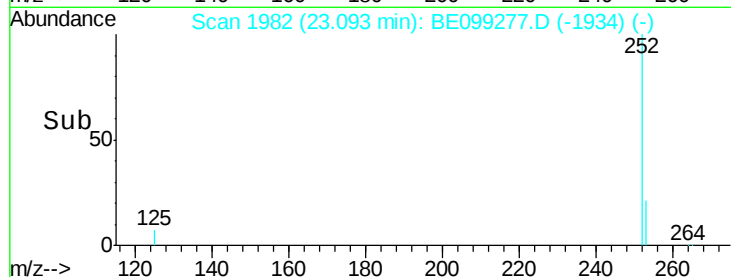
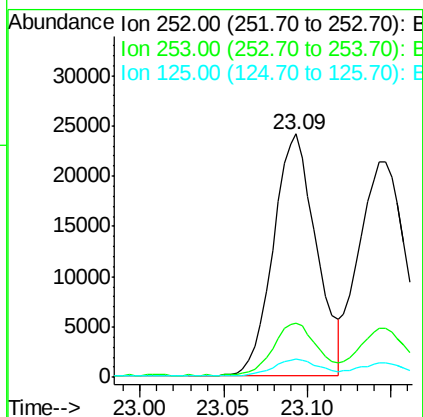
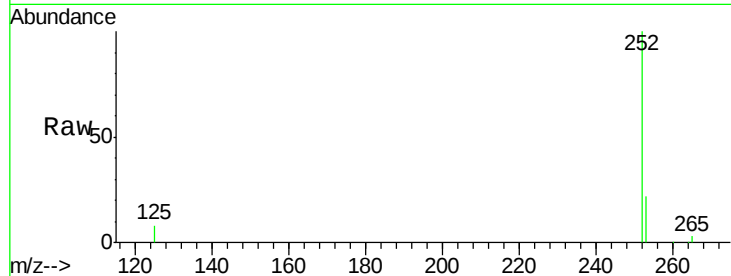




#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BE099277.D
Acq: 2 Apr 2019 16:56

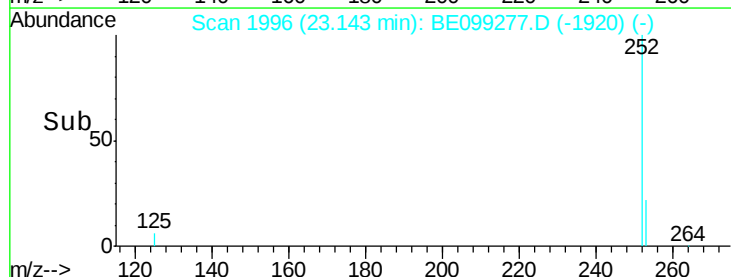
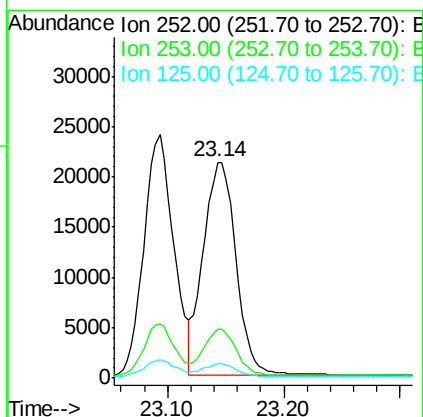
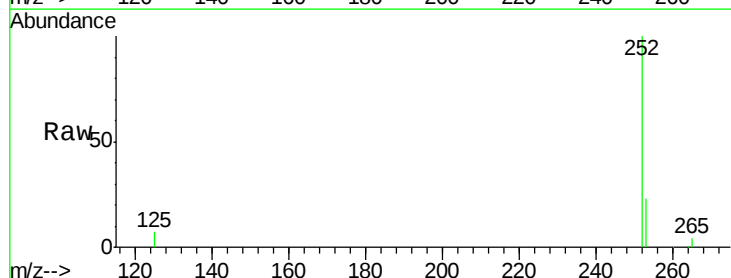
Instrument :
BNA_E
ClientSampleId :
ICVBE040219

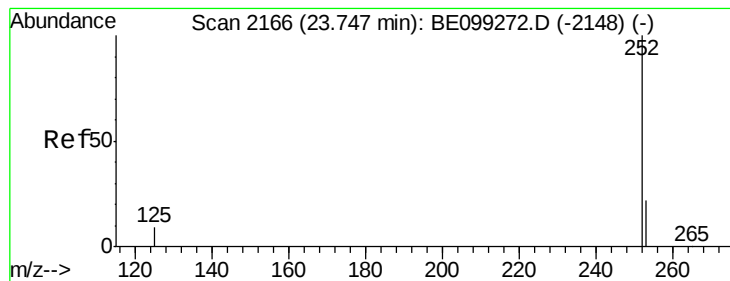
Tgt Ion:252 Resp: 42880
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.5 6.1 9.1



#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BE099277.D
Acq: 2 Apr 2019 16:56

Tgt Ion:252 Resp: 41664
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 7.0 5.9 8.9





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219

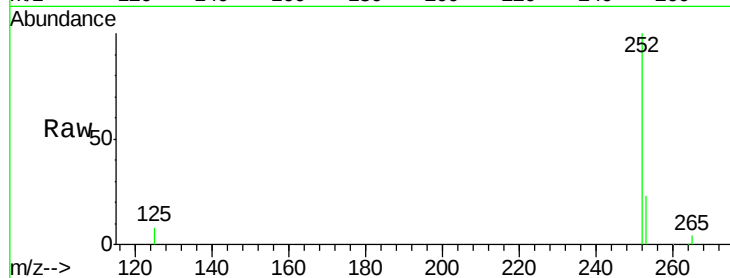
Tgt Ion:252 Resp: 38854

Ion Ratio Lower Upper

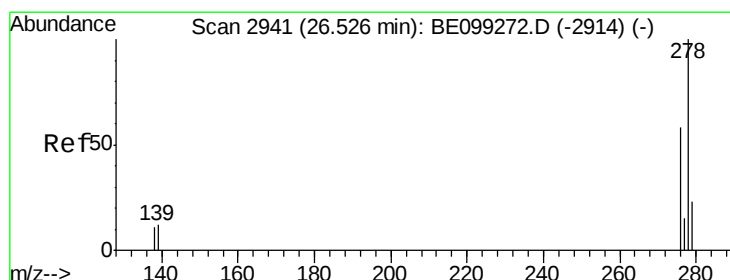
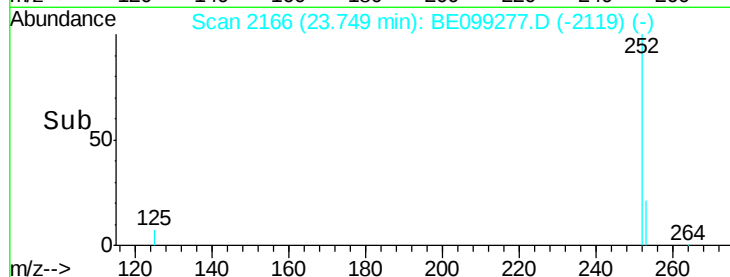
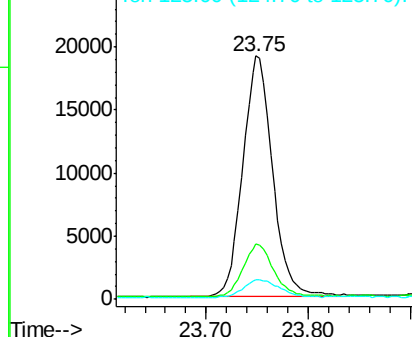
252 100

253 22.6 18.1 27.1

125 7.9 6.8 10.2



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: 26.53 min Scan# 2943

Delta R.T. -0.05 min

Lab File: BE099277.D

Acq: 2 Apr 2019 16:56

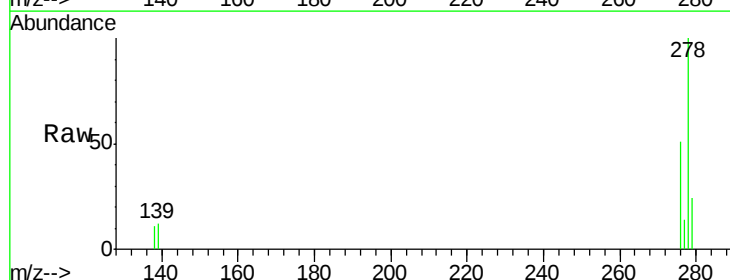
Tgt Ion:278 Resp: 41424

Ion Ratio Lower Upper

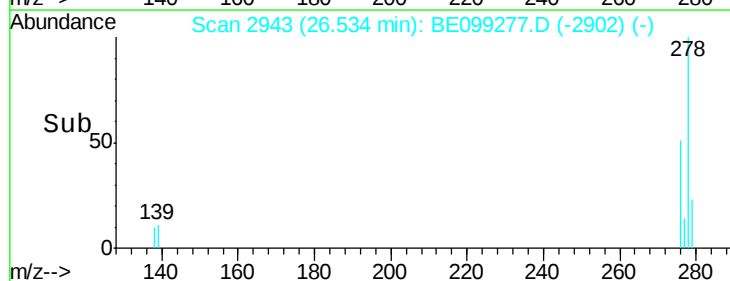
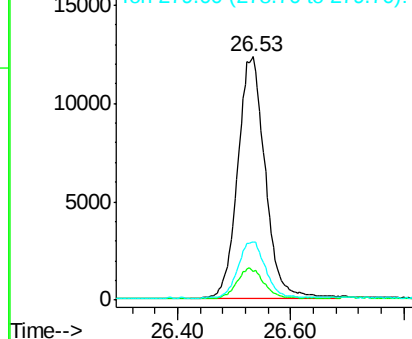
278 100

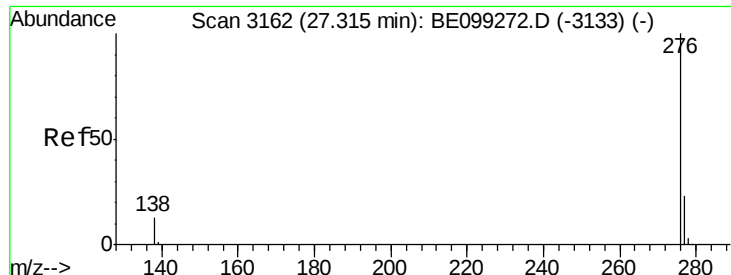
139 11.8 9.5 14.3

279 23.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.407 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.06 min

Lab File: BE099277.D

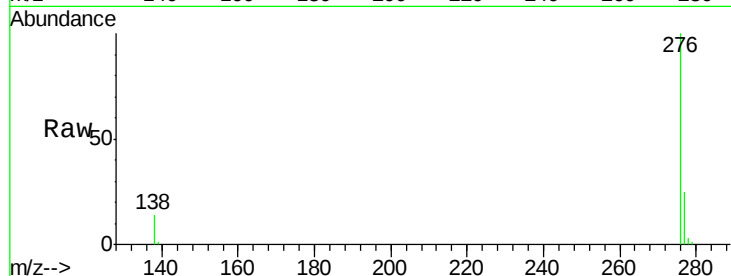
Acq: 2 Apr 2019 16:56

Instrument :

BNA_E

ClientSampleId :

ICVBE040219



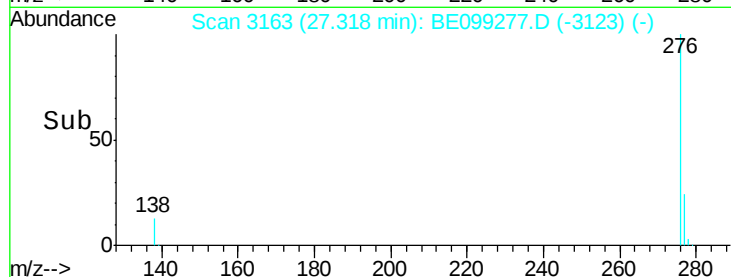
Tgt Ion: 276 Resp: 40725

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 13.6 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

