

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
 Data File : BE099435.D
 Acq On : 30 Apr 2019 21:02
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 30 22:46:57 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 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2575	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	9798	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7764	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24650	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29410	0.40	ng	0.00
34) Perylene-d12	23.86	264	33026	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2971	0.42	ng	0.00
5) Phenol-d6	6.96	99	4017	0.42	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3679	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	7260	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	2019	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	11830	0.40	ng	-0.02
25) Fluoranthene-d10	19.21	212	125765	0.38	ng	0.00
29) Terphenyl-d14	19.81	244	26123	0.49	ng	0.00

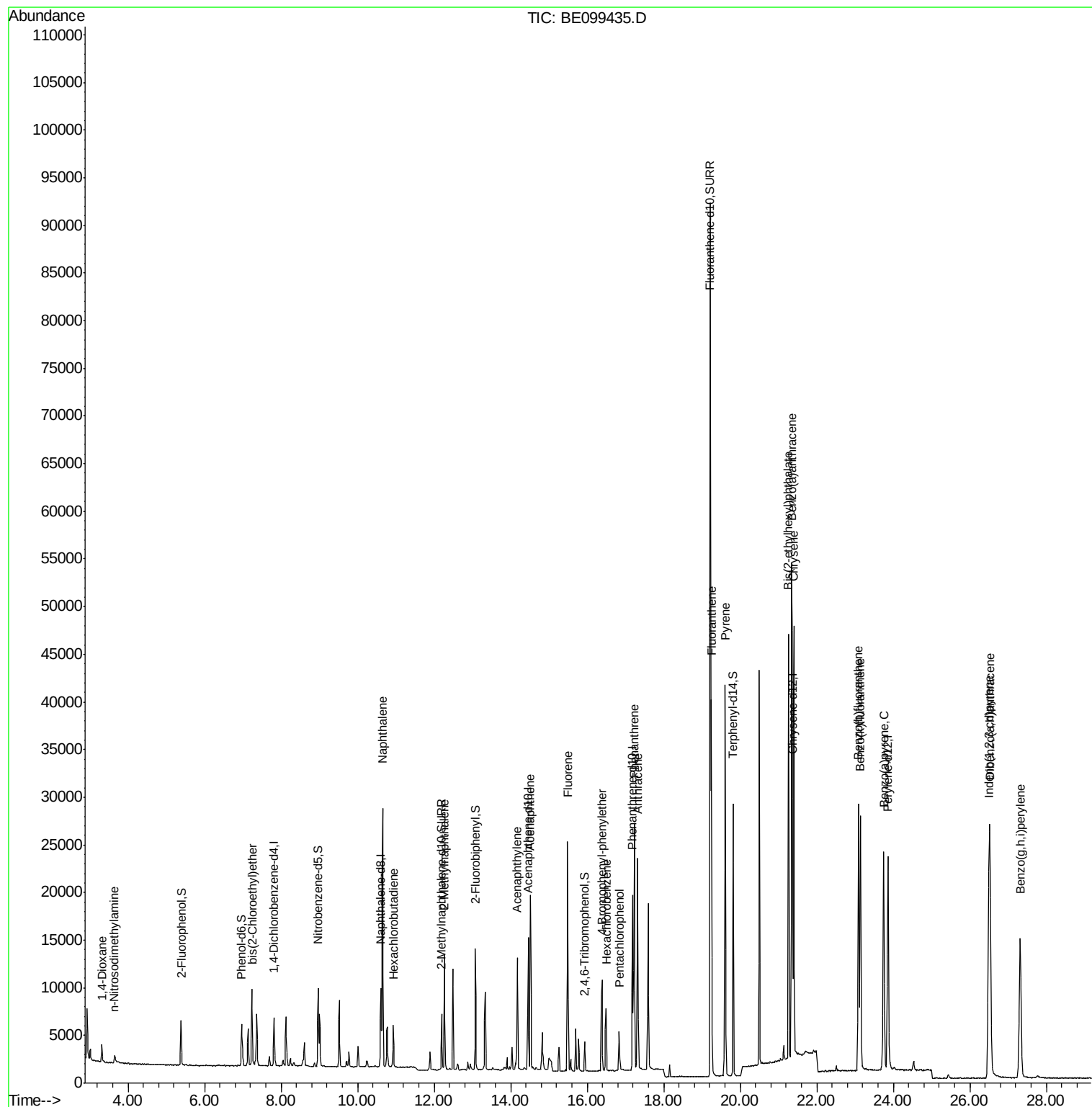
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1337	0.377	ng	96
3) n-Nitrosodimethylamine	3.64	42	751	0.352	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	3258	0.399	ng	99
9) Naphthalene	10.65	128	44164	0.414	ng	100
10) Hexachlorobutadiene	10.93	225	3001	0.404	ng	97
12) 2-Methylnaphthalene	12.27	142	7875	0.424	ng	93
16) Acenaphthylene	14.17	152	15209	0.400	ng	99
17) Acenaphthene	14.51	154	8901	0.410	ng	98
18) Fluorene	15.49	166	13403	0.419	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	5683	0.396	ng	# 89
21) Hexachlorobenzene	16.49	284	5601	0.410	ng	98
22) Pentachlorophenol	16.84	266	2472	0.516	ng	99
23) Phenanthrene	17.23	178	25864	0.407	ng	99
24) Anthracene	17.32	178	24155	0.398	ng	99
26) Fluoranthene	19.25	202	36830	0.387	ng	99
28) Pyrene	19.61	202	37823	0.493	ng	100
30) Benzo(a)anthracene	21.34	228	41012	0.438	ng	98
31) Chrysene	21.40	228	42937	0.468	ng	98
32) Bis(2-ethylhexyl)phthalate	21.26	149	58460	0.371	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	45972	0.424	ng	98
35) Benzo(b)fluoranthene	23.09	252	39907	0.419	ng	99
36) Benzo(k)fluoranthene	23.14	252	39073	0.425	ng	99
37) Benzo(a)pyrene	23.75	252	37552	0.417	ng	99
38) Dibenzo(a,h)anthracene	26.52	278	37707	0.409	ng	98
39) Benzo(g,h,i)perylene	27.32	276	37894	0.411	ng	99

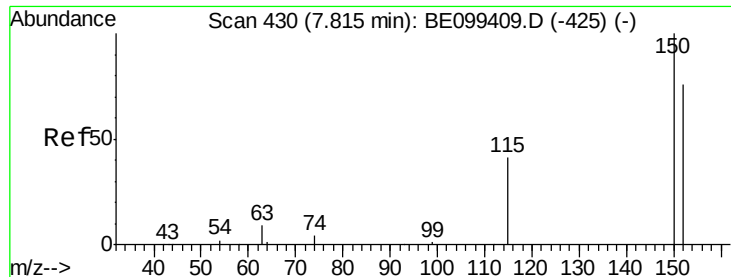
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 30 22:46:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
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QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

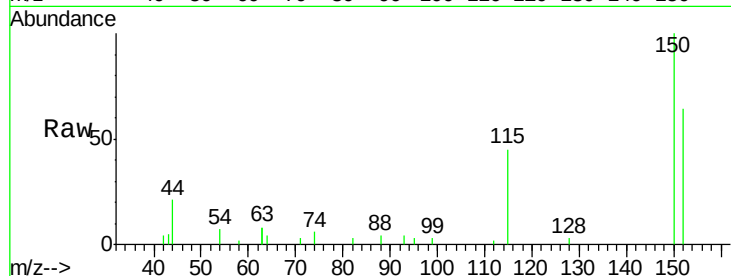
Tot Ion:152 Resp: 2575

Ion Ratio Lower Upper

152 100

150 155.1 104.8 157.2

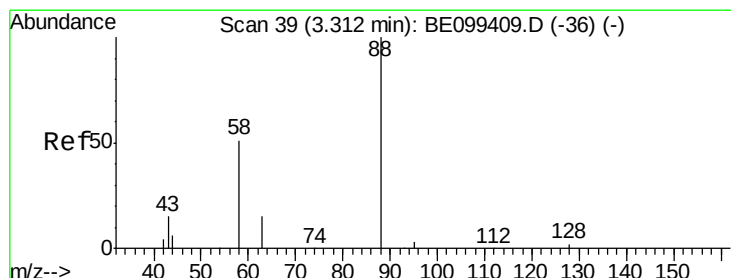
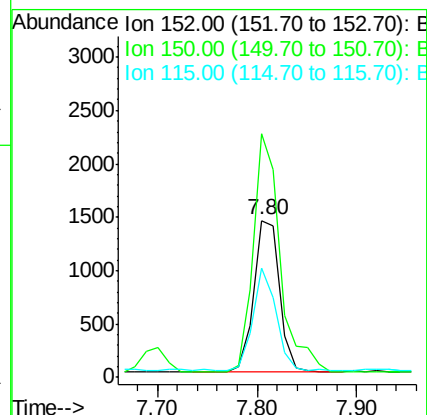
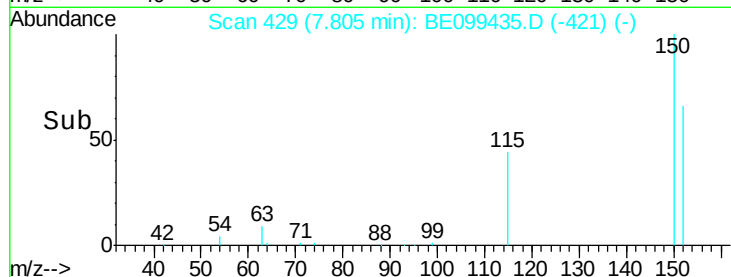
115 69.8 46.6 69.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.377 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

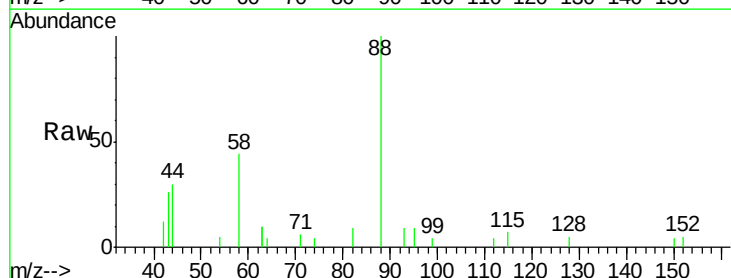
Tgt Ion: 88 Resp: 1337

Ion Ratio Lower Upper

88 100

58 61.5 51.0 76.6

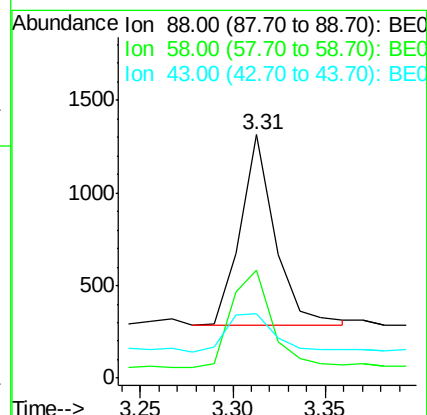
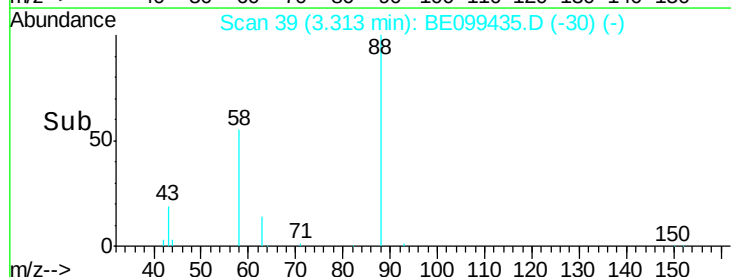
43 29.2 20.6 30.8

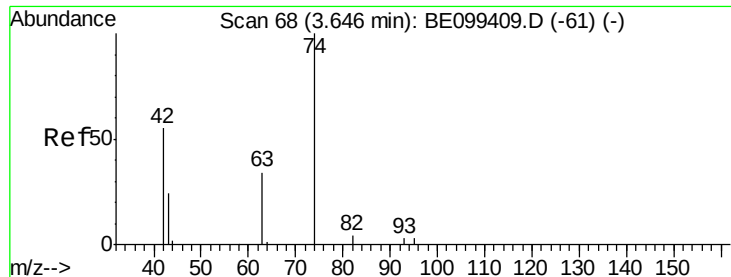


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.352 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

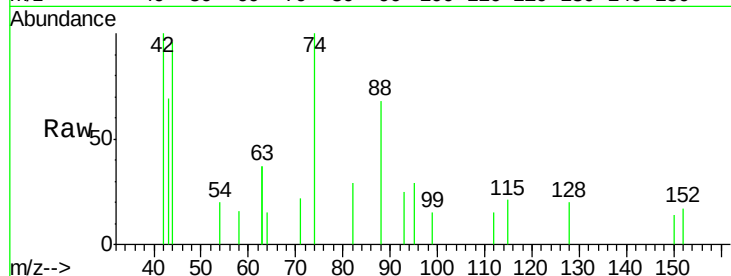
Tot Ion: 42 Resp: 751

Ion Ratio Lower Upper

42 100

74 0.0 141.6 212.4#

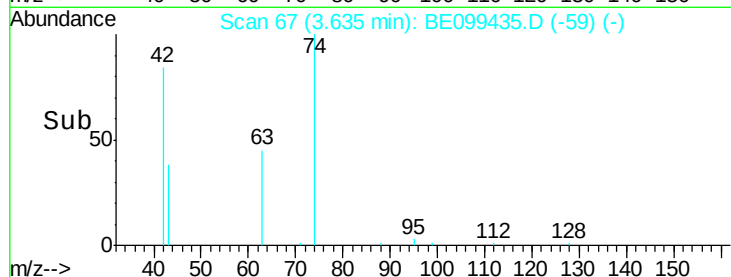
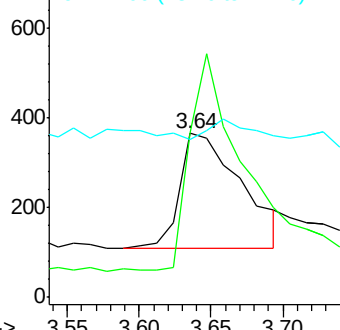
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.417 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

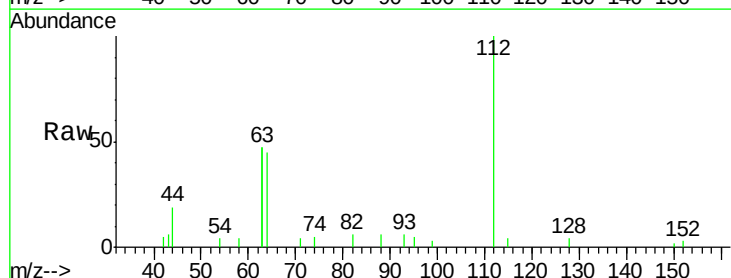
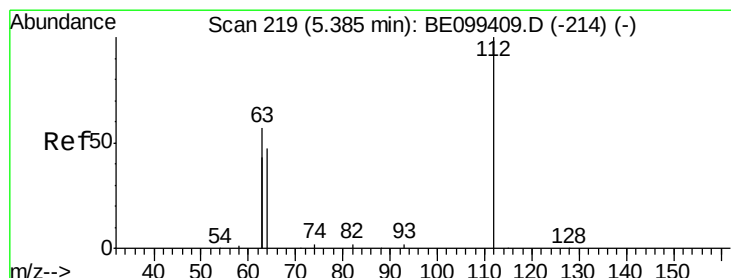
Tgt Ion: 112 Resp: 2971

Ion Ratio Lower Upper

112 100

64 54.8 47.4 71.0

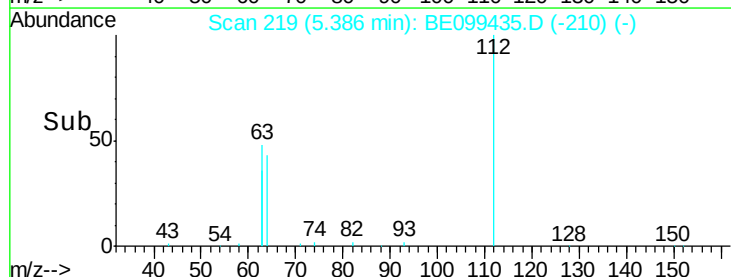
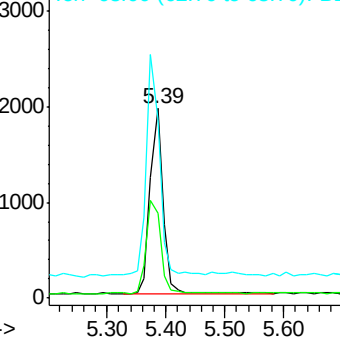
63 118.8 104.3 156.5

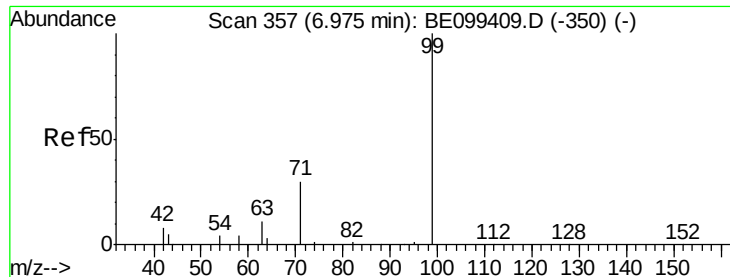


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.424 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

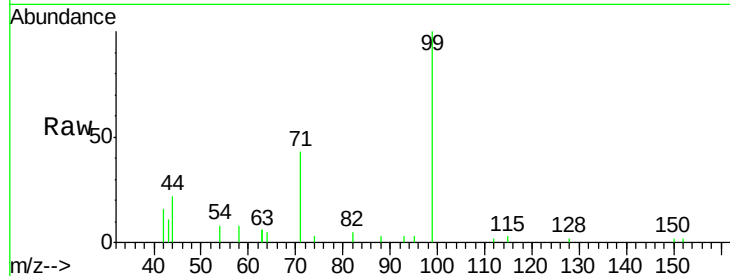
Tot Ion: 99 Resp: 4017

Ion Ratio Lower Upper

99 100

42 14.5 14.9 22.3#

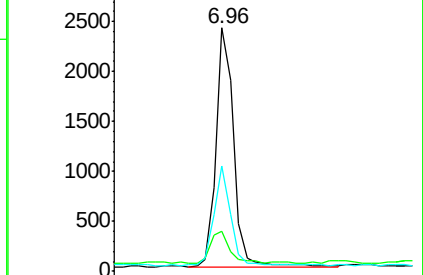
71 39.2 33.0 49.6



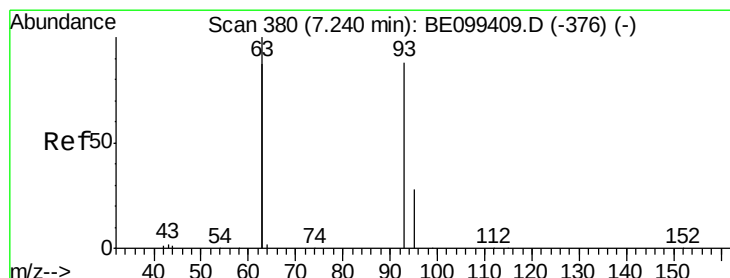
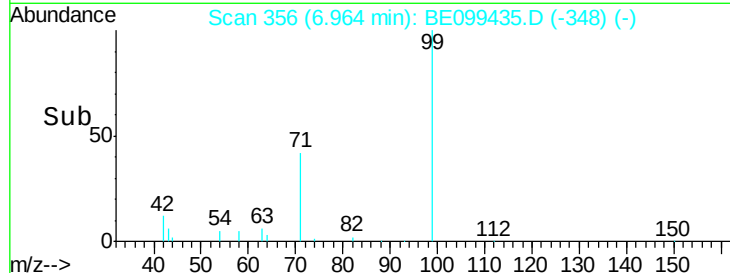
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

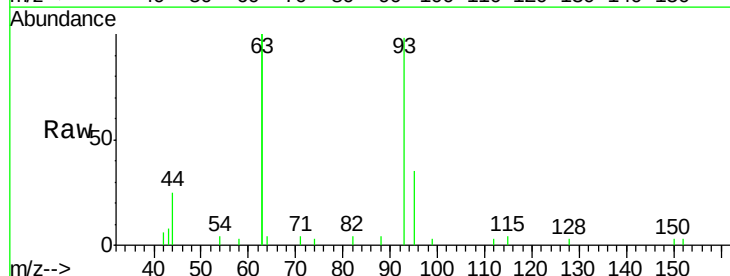
Tgt Ion: 93 Resp: 3258

Ion Ratio Lower Upper

93 100

63 270.7 215.6 323.4

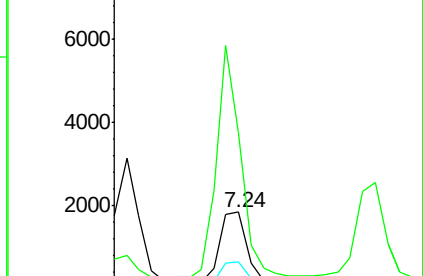
95 33.2 26.2 39.2



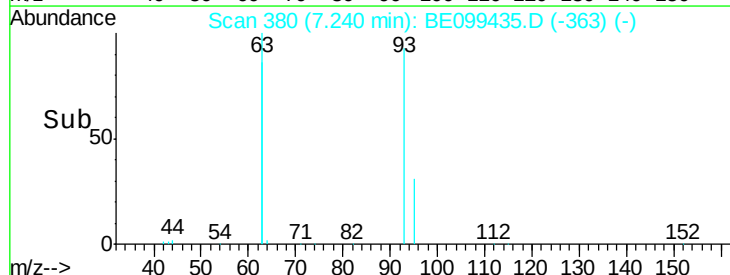
Abundance Ion 93.00 (92.70 to 93.70): BE0

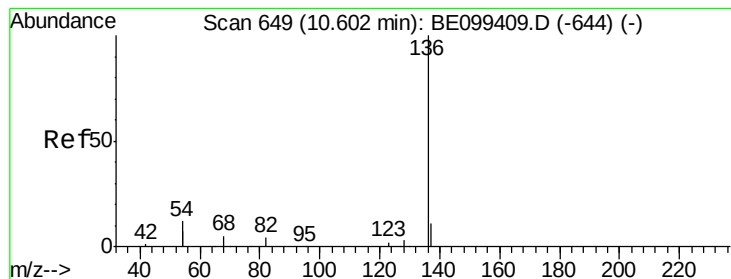
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 9798

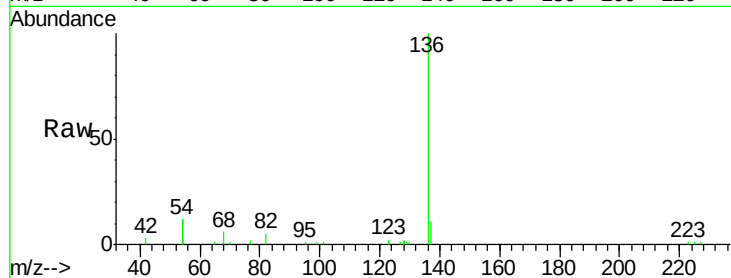
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 23.3 18.5 27.7

68 5.9 4.7 7.1

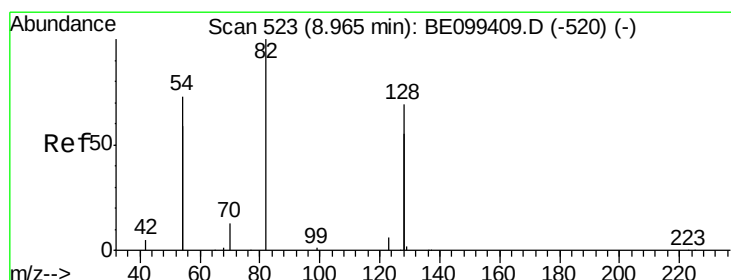
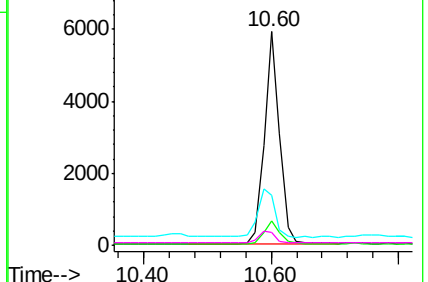
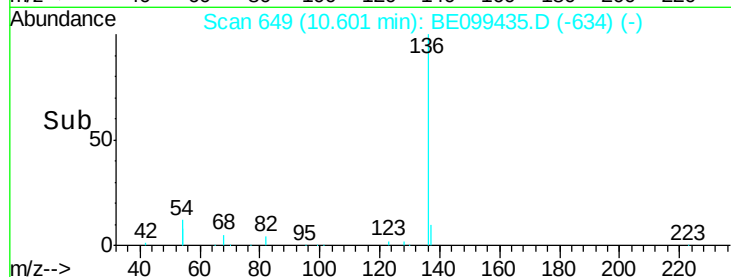


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

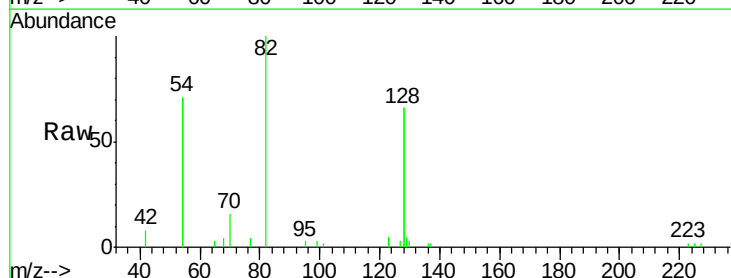
Tgt Ion: 82 Resp: 3679

Ion Ratio Lower Upper

82 100

128 132.2 107.0 160.4

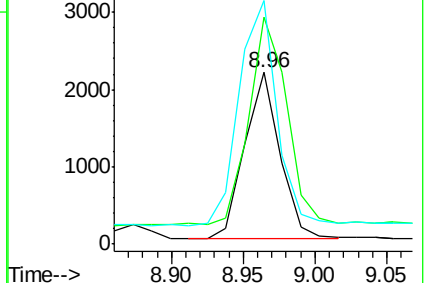
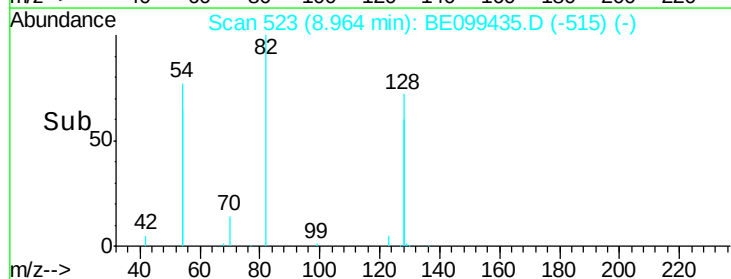
54 141.9 113.1 169.7

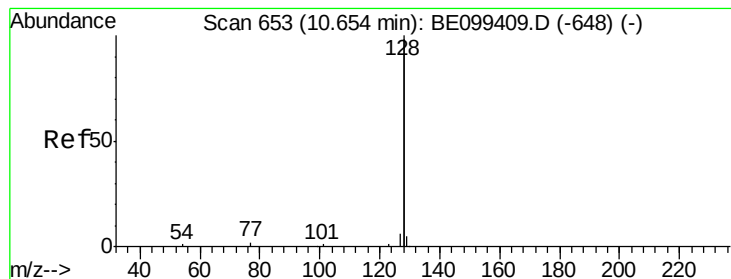


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.414 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

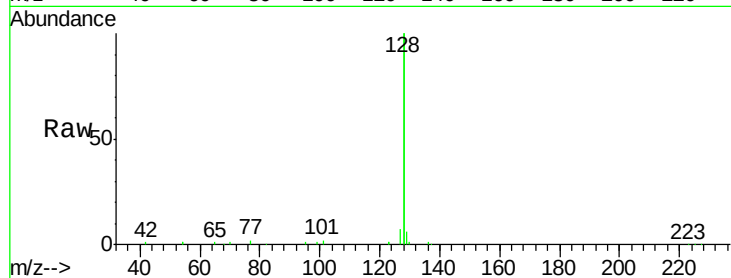
Tot Ion:128 Resp: 44164

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

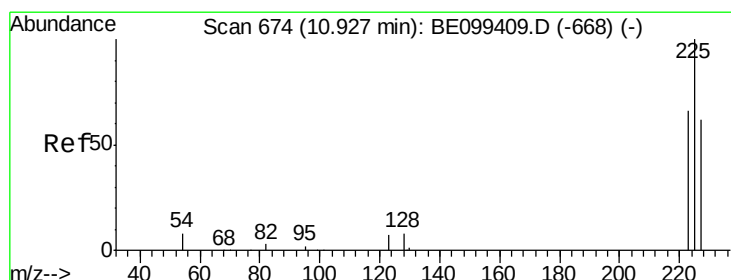
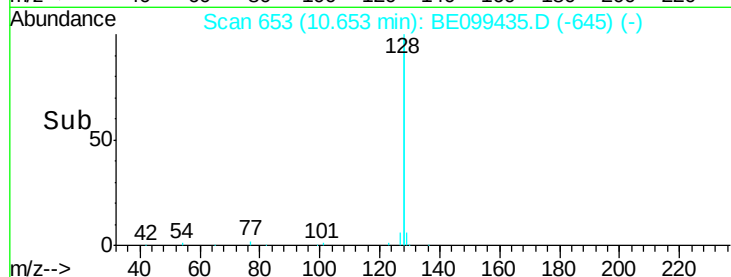
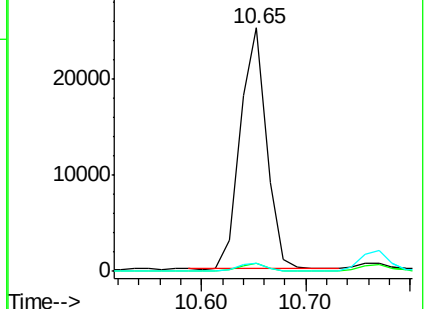
127 3.4 2.8 4.2



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: 0.404 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

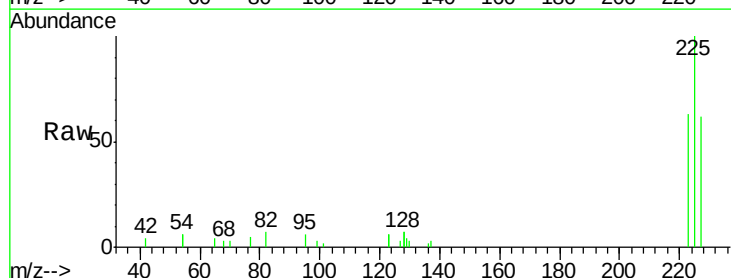
Tgt Ion:225 Resp: 3001

Ion Ratio Lower Upper

225 100

223 60.7 51.0 76.6

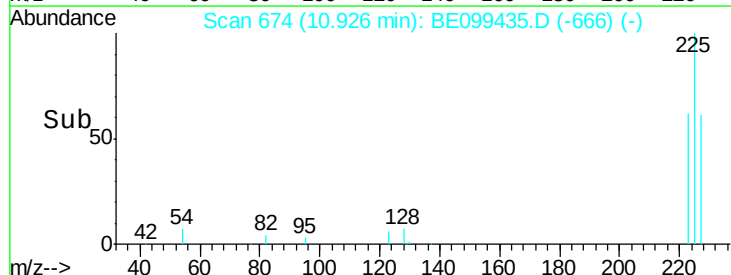
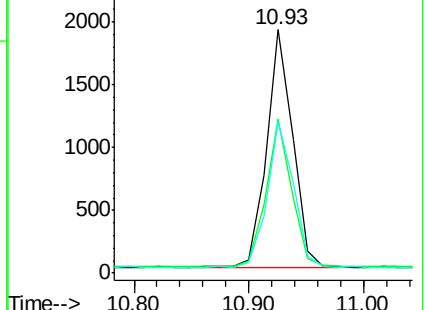
227 61.3 50.9 76.3

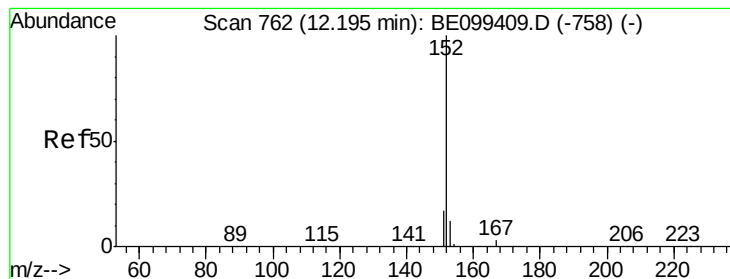


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

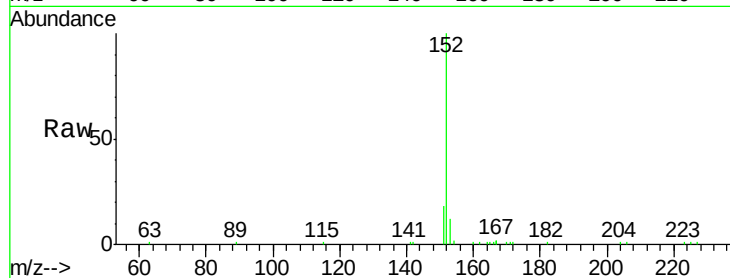




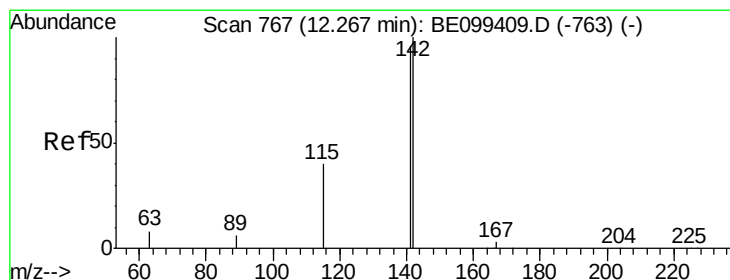
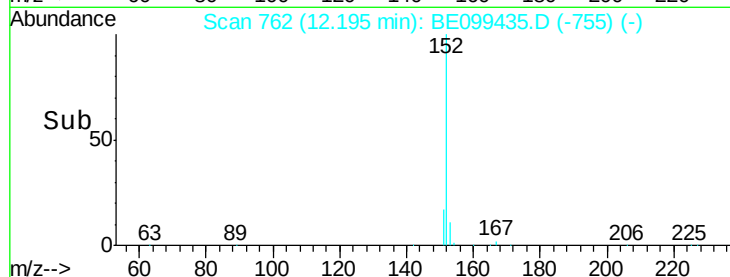
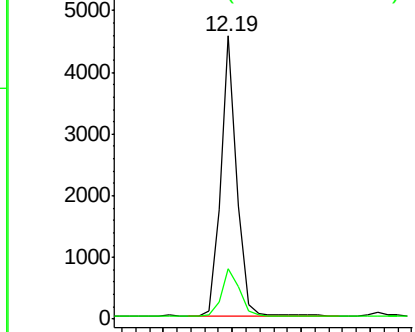
#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099435.D
 Acq: 30 Apr 2019 21:02

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 7260
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.5 23.3

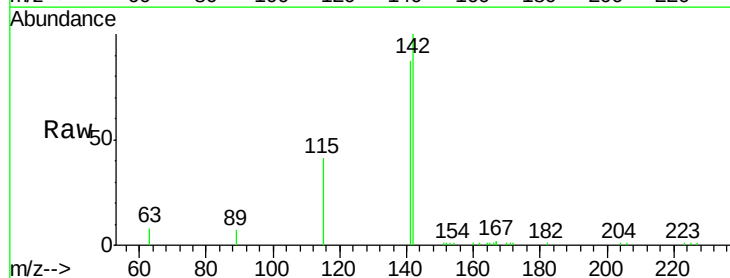


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

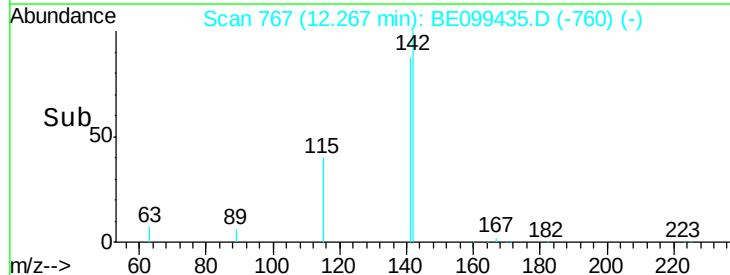
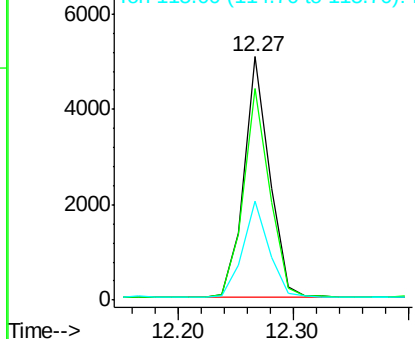


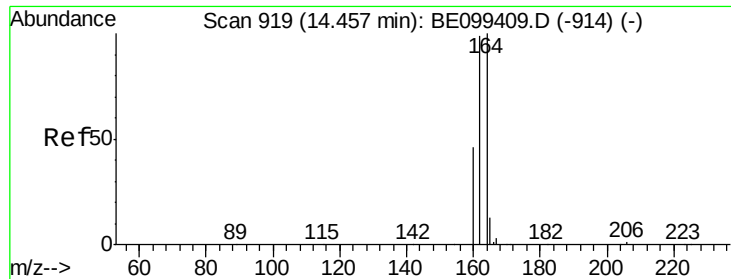
#12
 2-Methylnaphthalene
 Concen: 0.424 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099435.D
 Acq: 30 Apr 2019 21:02

Tgt Ion:142 Resp: 7875
 Ion Ratio Lower Upper
 142 100
 141 86.8 77.0 115.4
 115 40.8 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

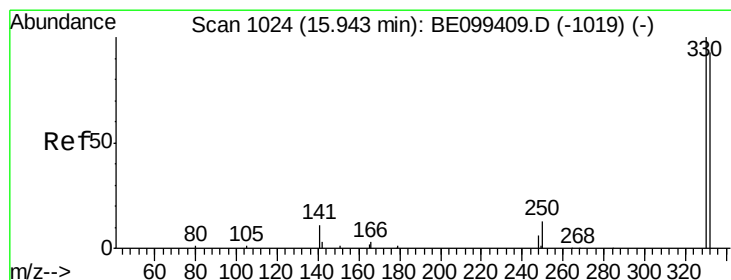
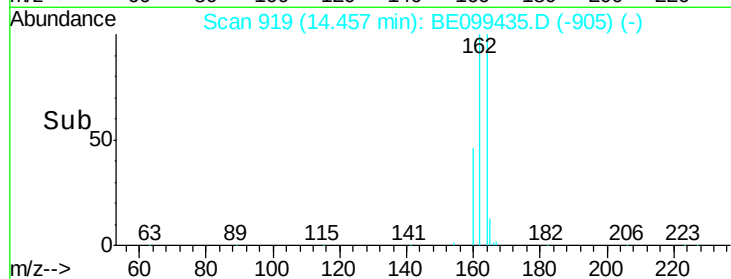
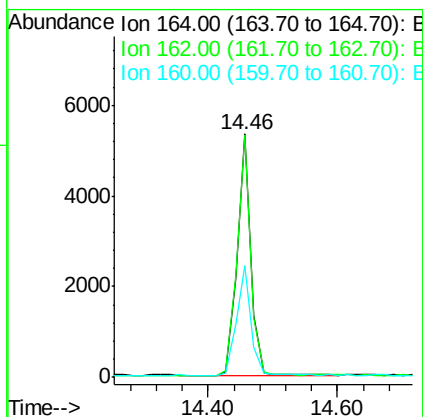
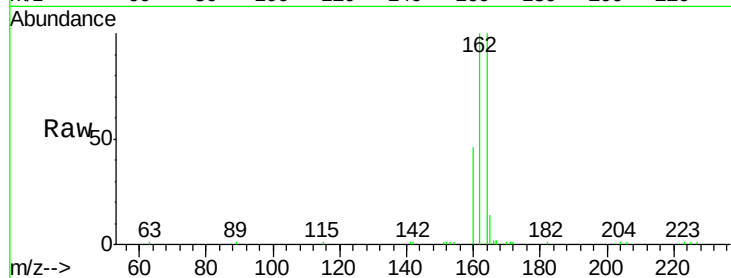




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

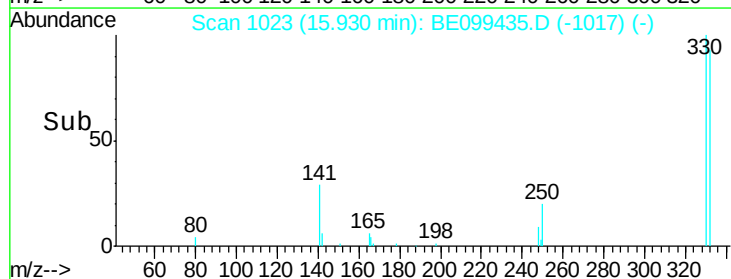
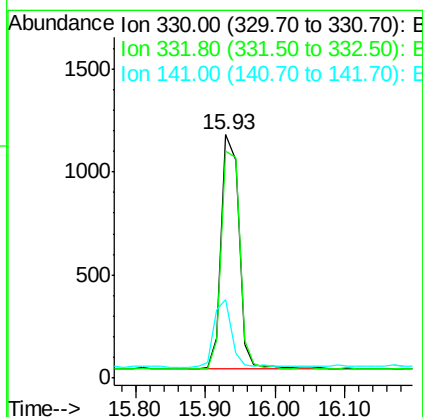
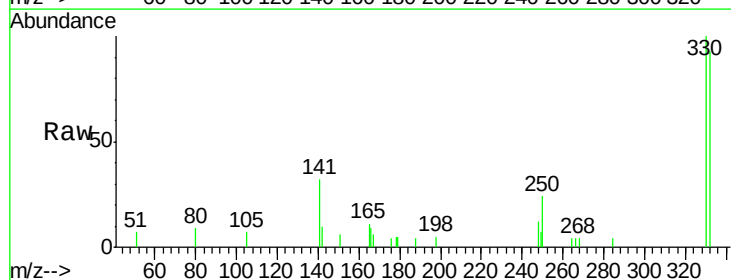
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

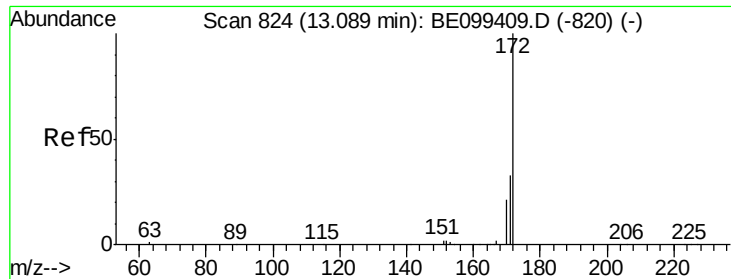
Tot Ion:164 Resp: 7764
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.4
160 46.1 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:330 Resp: 2019
Ion Ratio Lower Upper
330 100
332 96.5 71.5 107.3
141 29.9 24.0 36.0

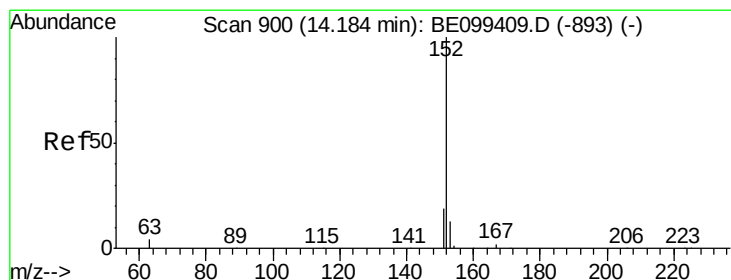
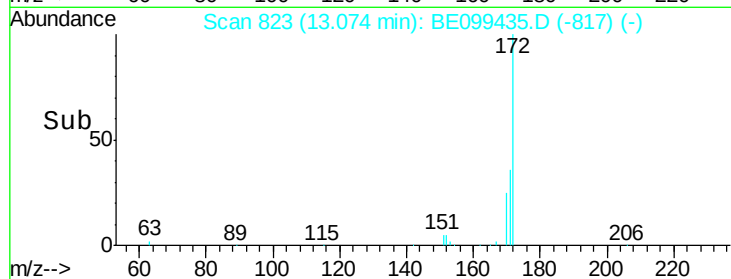
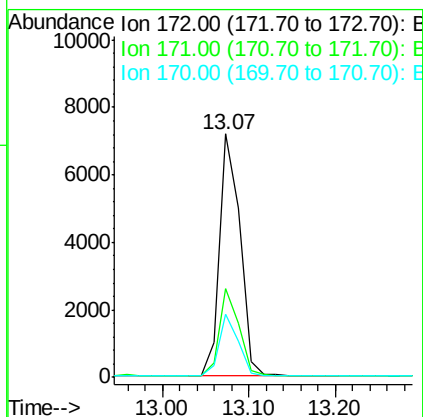
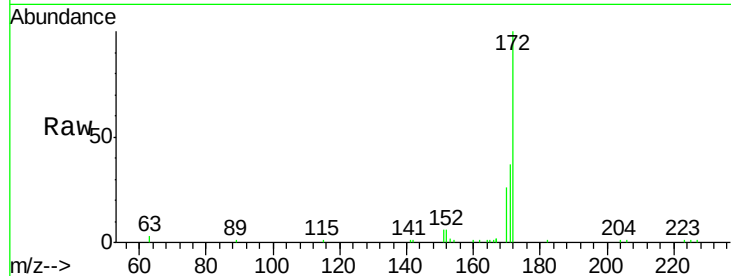




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

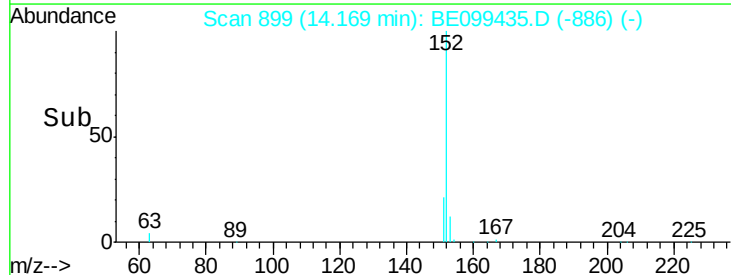
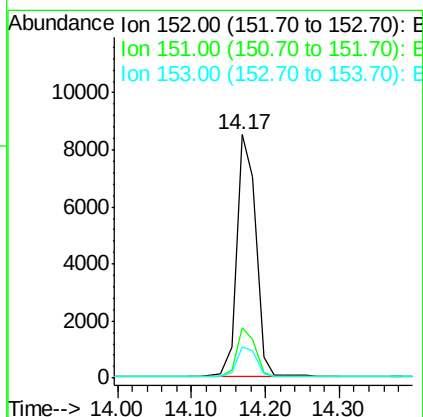
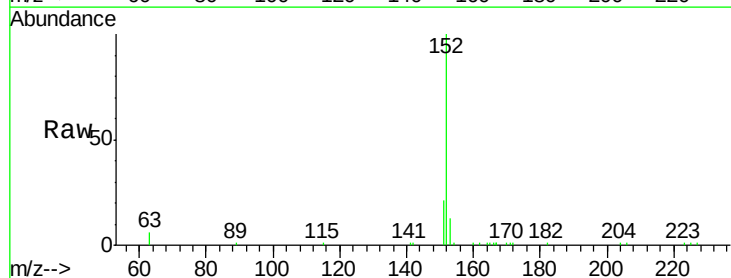
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

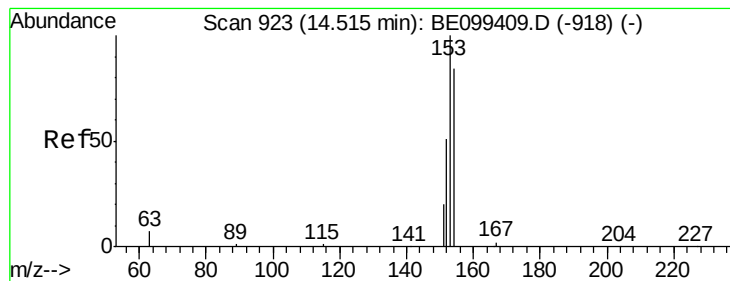
Tot Ion:172 Resp: 11830
Ion Ratio Lower Upper
172 100
171 36.5 26.6 39.8
170 25.7 17.0 25.6#



#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.02 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:152 Resp: 15209
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 12.8 9.8 14.6





#17

Acenaphthene

Concen: 0.410 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

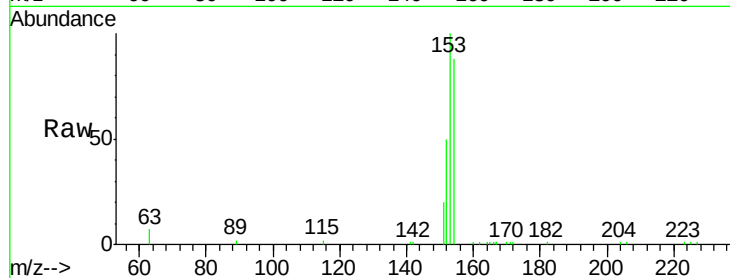
Tot Ion:154 Resp: 8901

Ion Ratio Lower Upper

154 100

153 114.1 92.6 138.8

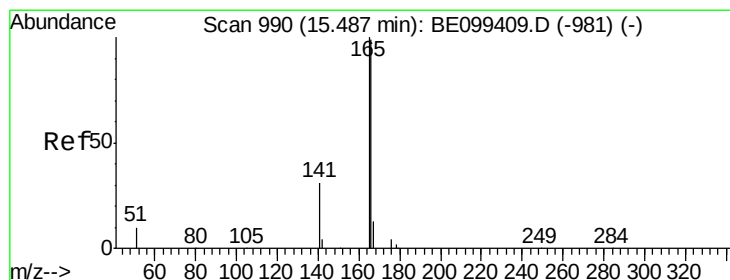
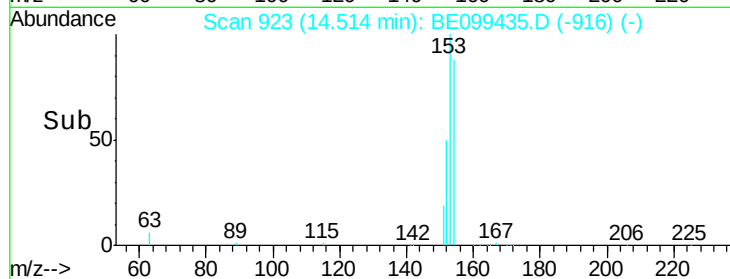
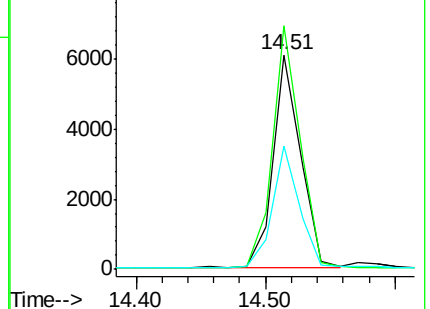
152 55.8 45.8 68.8



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: 0.419 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

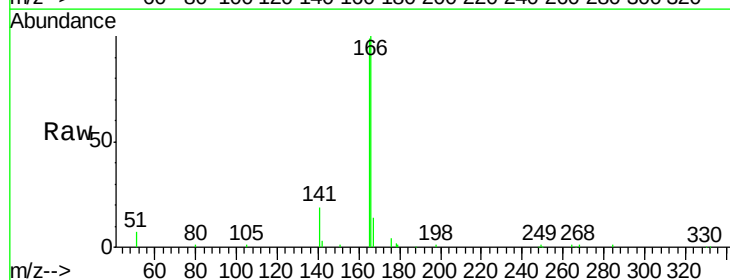
Tgt Ion:166 Resp: 13403

Ion Ratio Lower Upper

166 100

165 100.6 80.3 120.5

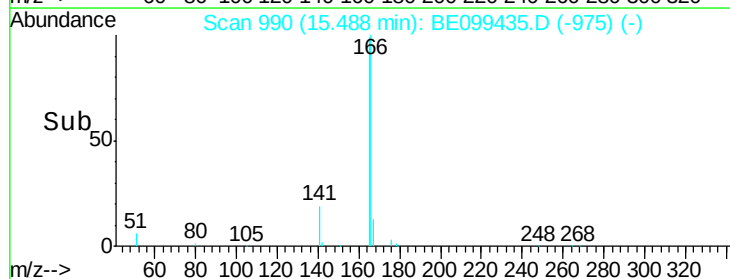
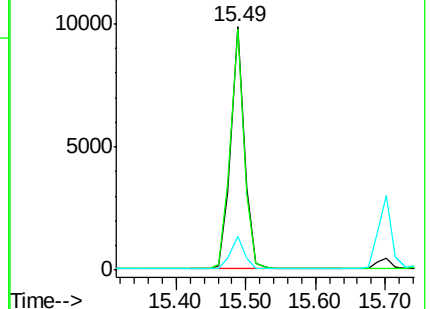
167 13.5 10.7 16.1

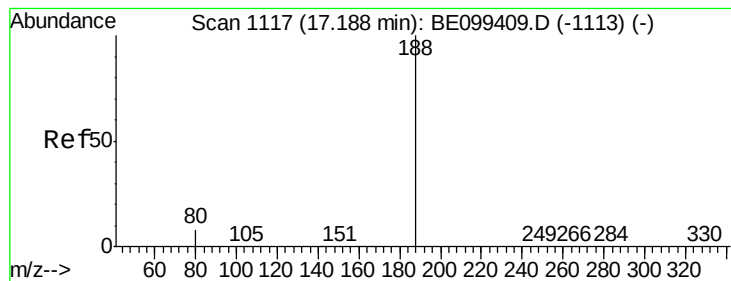


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

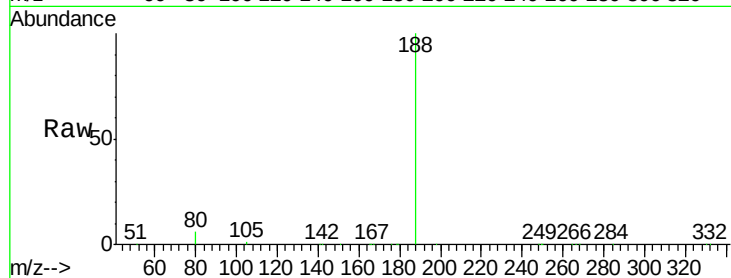
Tot Ion:188 Resp: 24650

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

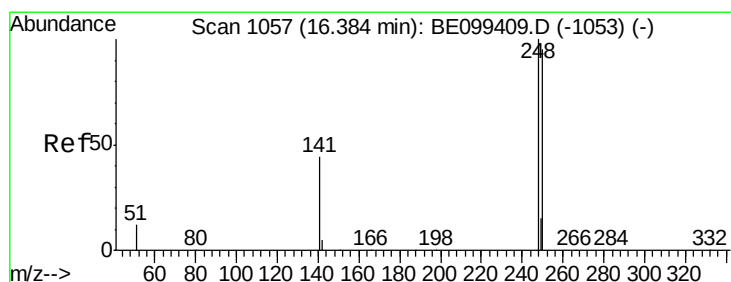
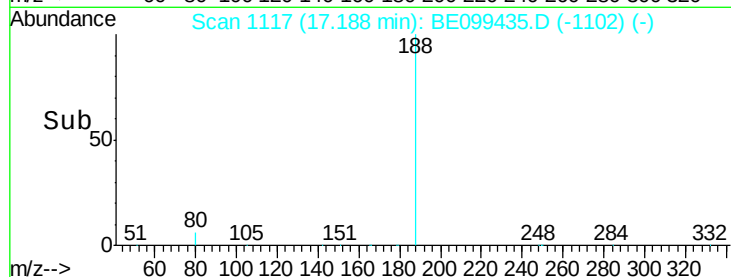
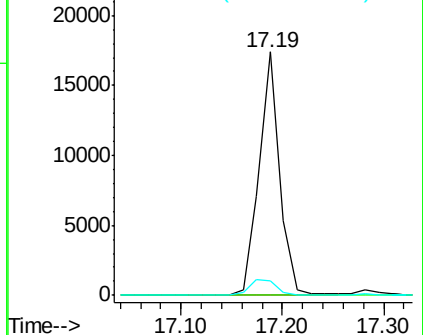
80 5.9 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

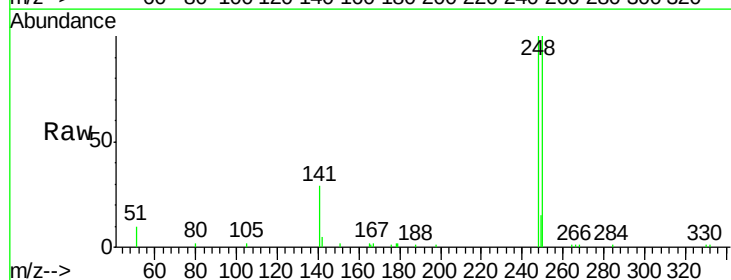
Tgt Ion:248 Resp: 5683

Ion Ratio Lower Upper

248 100

250 100.4 75.8 113.8

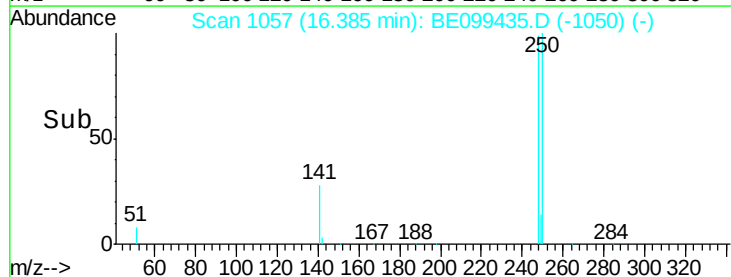
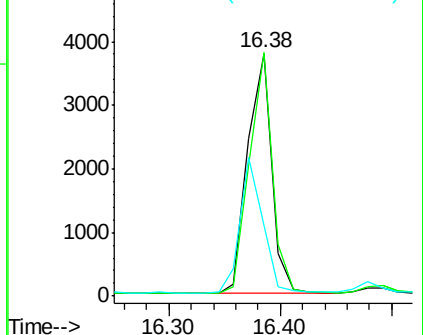
141 29.2 35.7 53.5#

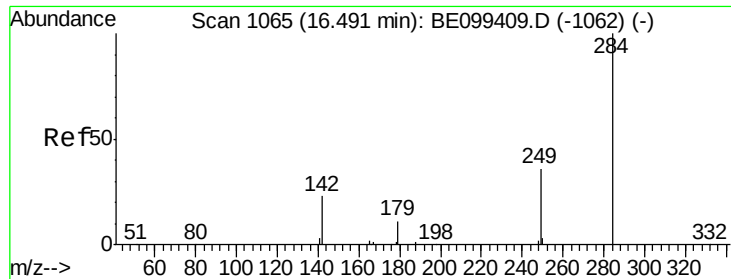


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

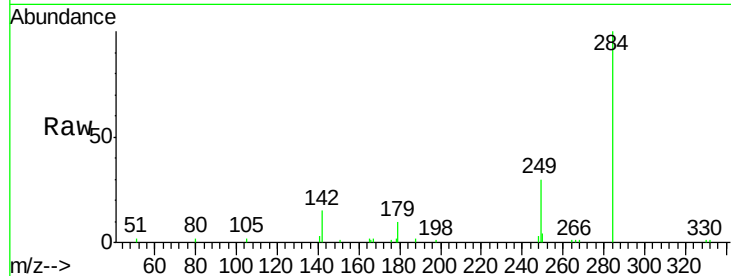
Tot Ion:284 Resp: 5601

Ion Ratio Lower Upper

284 100

142 26.1 21.0 31.6

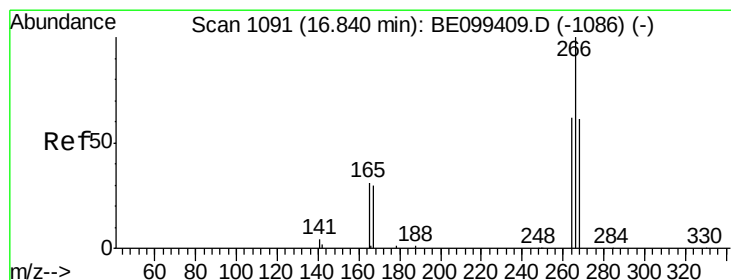
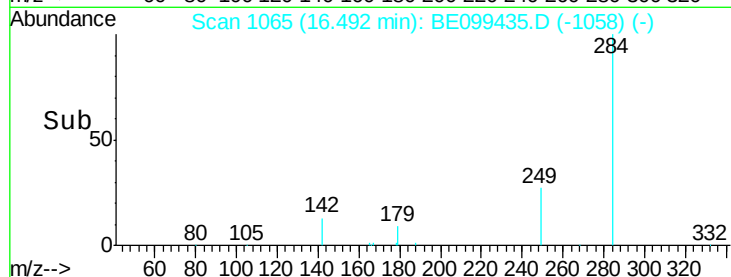
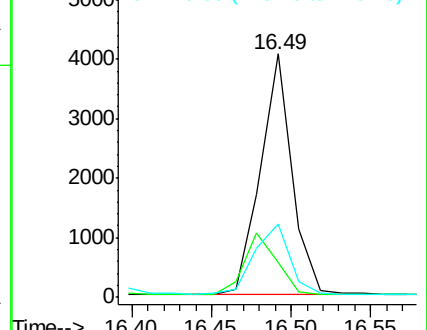
249 31.7 26.7 40.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.516 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

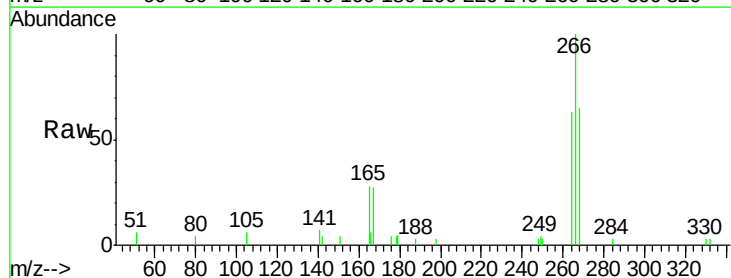
Tgt Ion:266 Resp: 2472

Ion Ratio Lower Upper

266 100

264 63.5 50.8 76.2

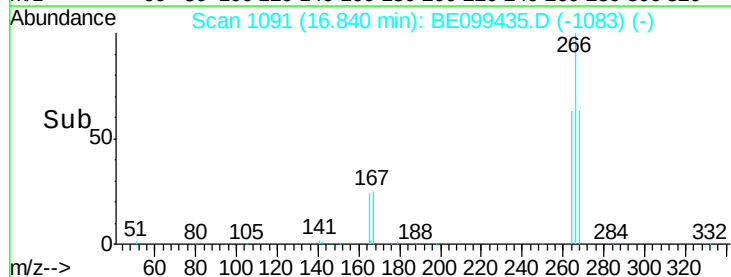
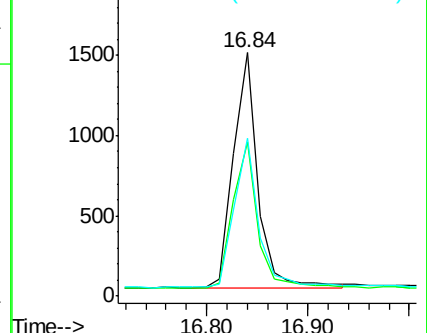
268 64.9 50.5 75.7

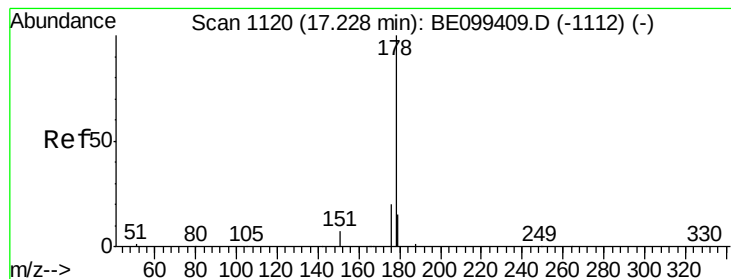


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

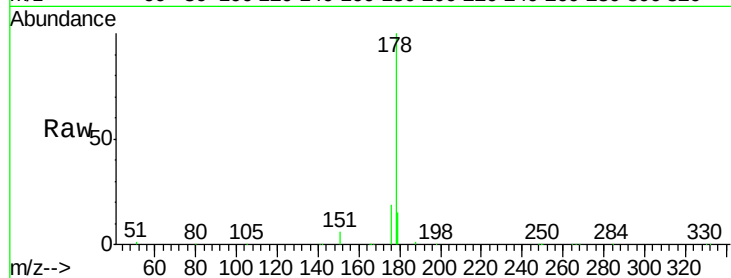
Tot Ion:178 Resp: 25864

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

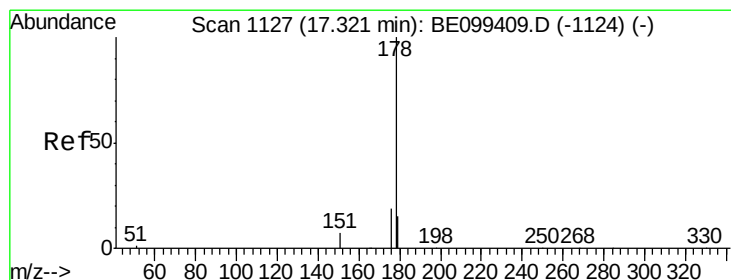
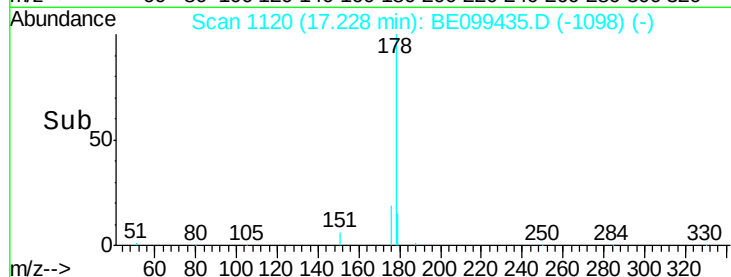
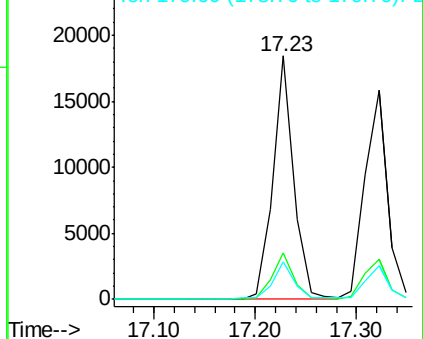
179 15.2 12.0 18.0



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: 0.398 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

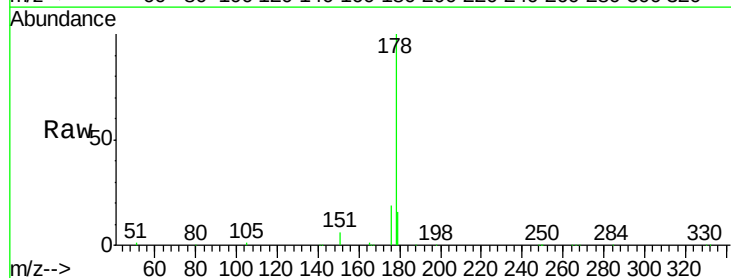
Tgt Ion:178 Resp: 24155

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

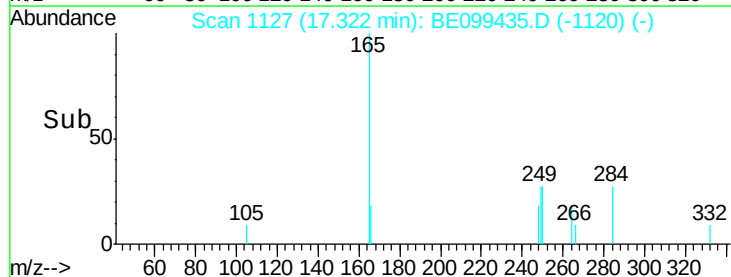
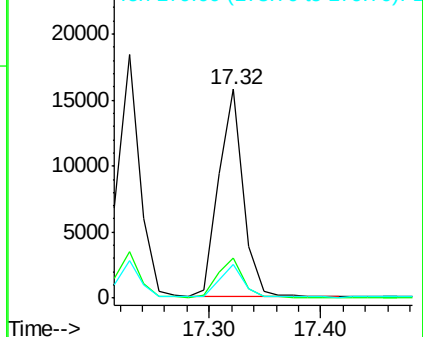
179 15.6 11.9 17.9

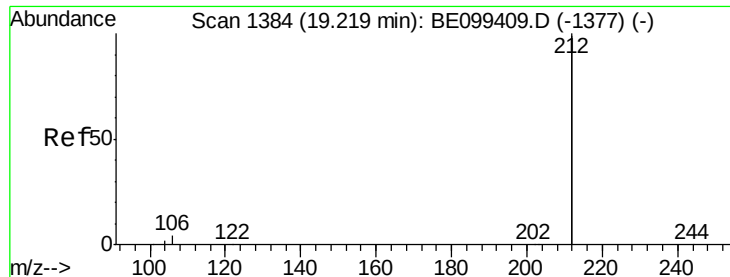


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

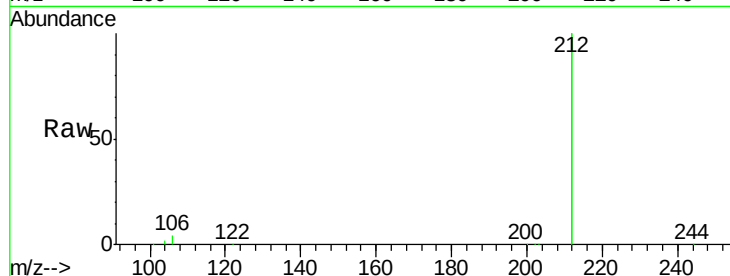
Tot Ion:212 Resp: 125765

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

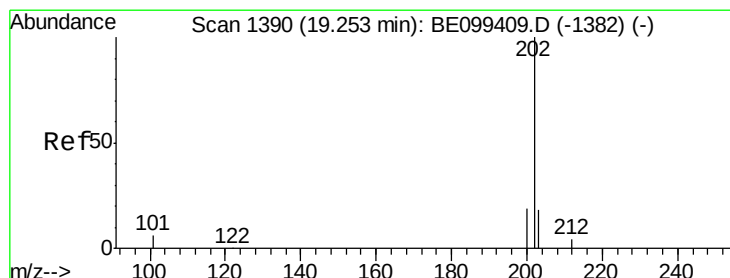
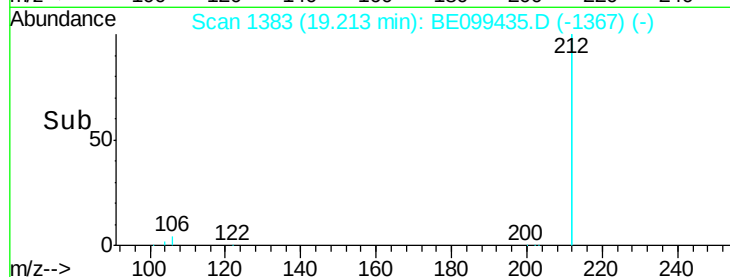
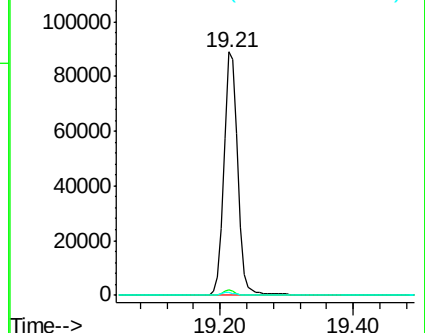
104 1.1 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.387 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

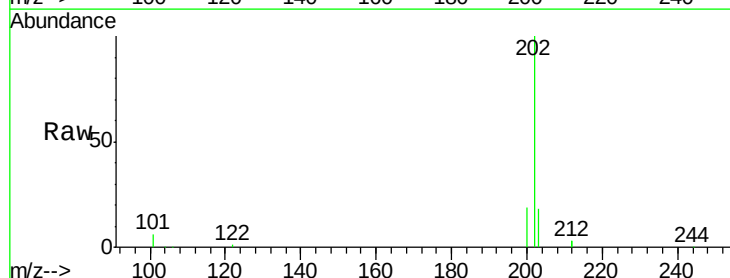
Tgt Ion:202 Resp: 36830

Ion Ratio Lower Upper

202 100

101 7.0 5.4 8.0

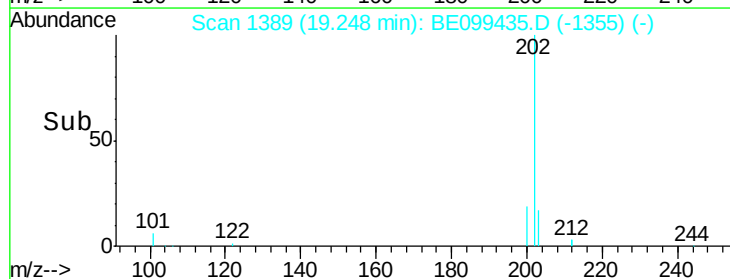
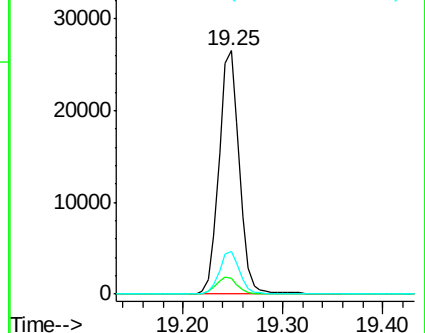
203 17.2 13.9 20.9

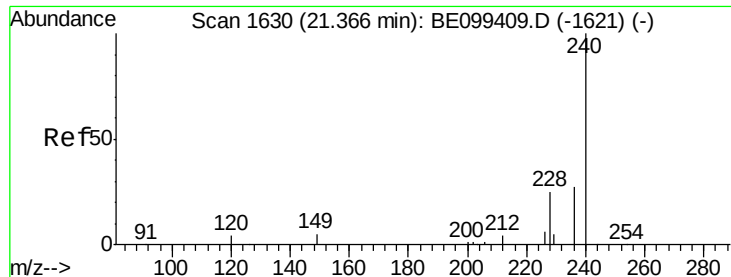


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

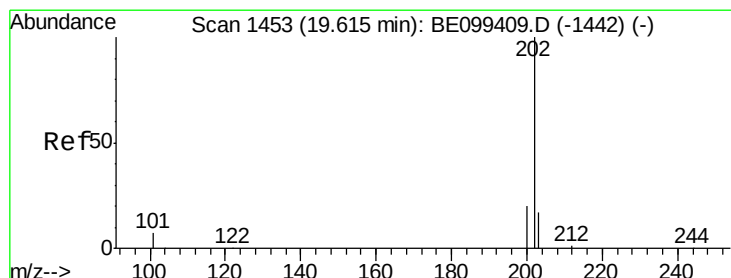
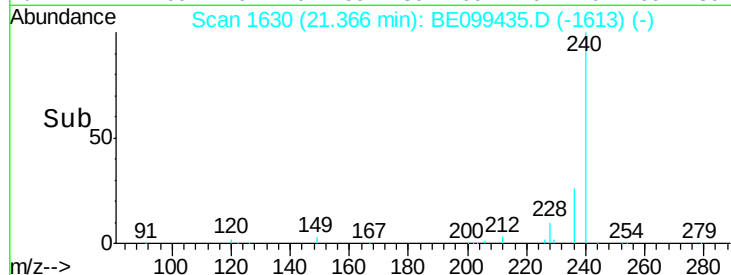
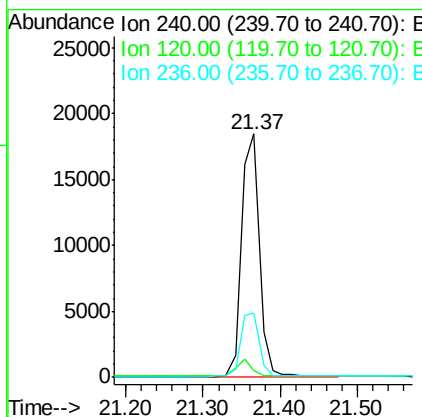
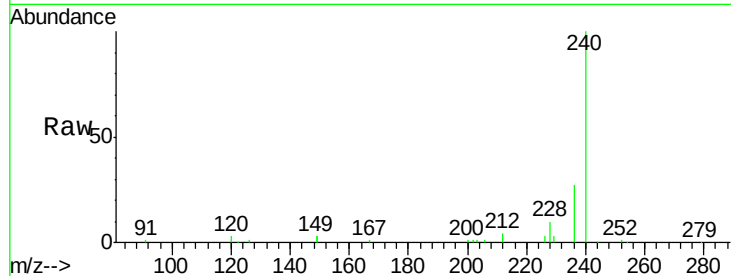




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

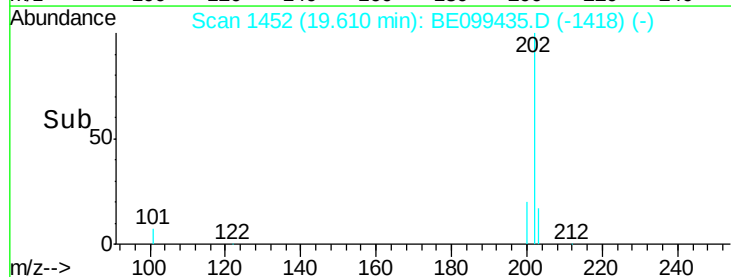
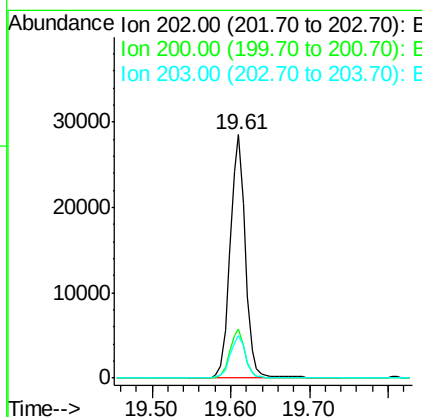
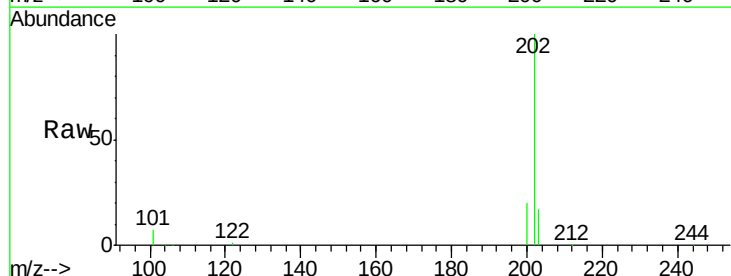
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

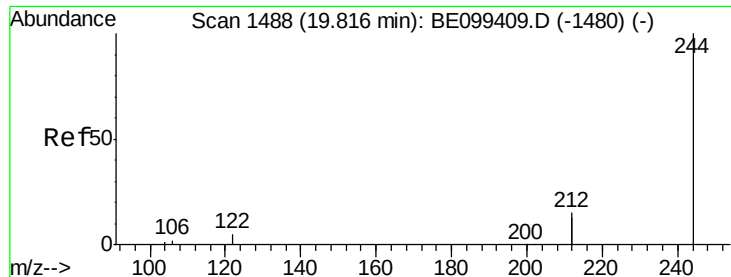
Tot Ion:240 Resp: 29410
Ion Ratio Lower Upper
240 100
120 2.9 4.0 6.0#
236 26.6 22.0 33.0



#28
Pyrene
Concen: 0.493 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:202 Resp: 37823
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 0.485 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

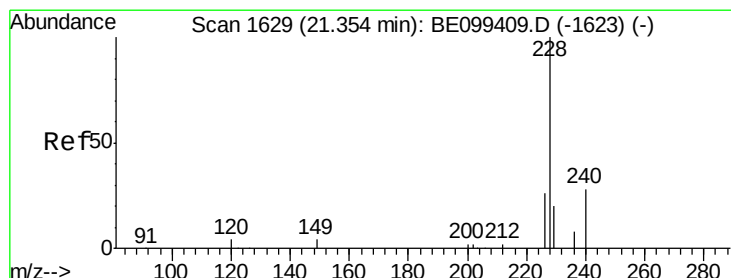
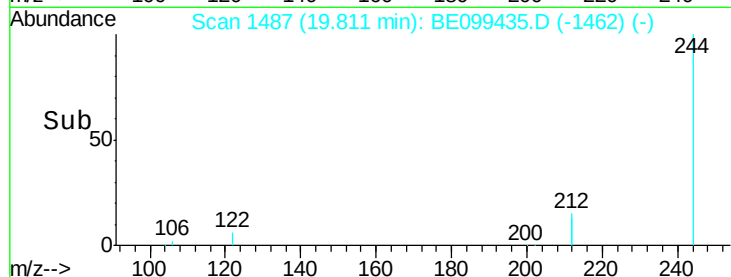
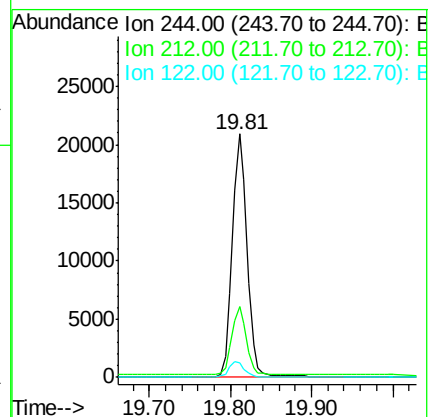
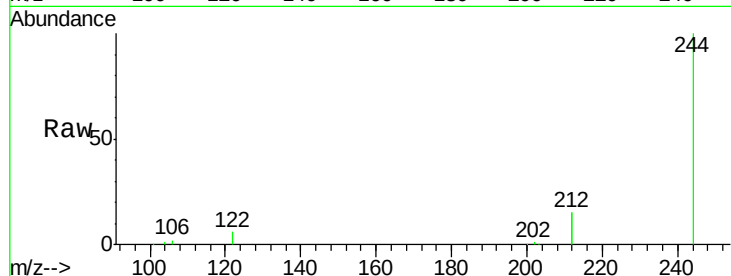
Tot Ion:244 Resp: 26123

Ion Ratio Lower Upper

244 100

212 29.1 23.2 34.8

122 6.1 4.2 6.4



#30

Benzo(a)anthracene

Concen: 0.438 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

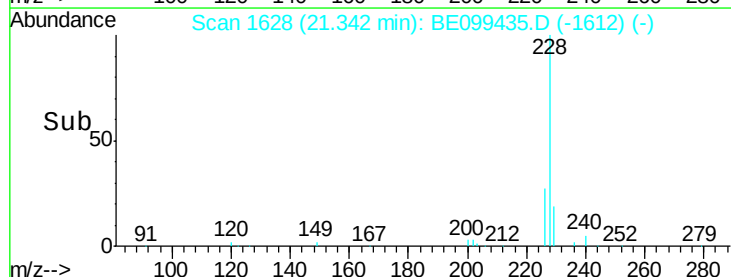
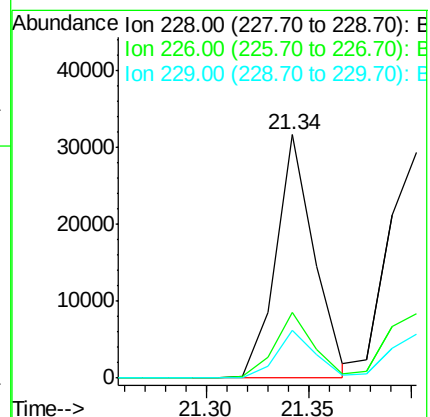
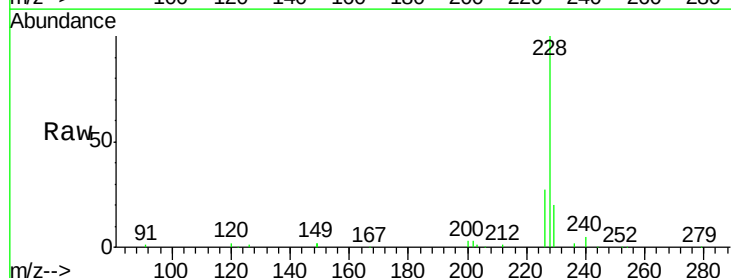
Tgt Ion:228 Resp: 41012

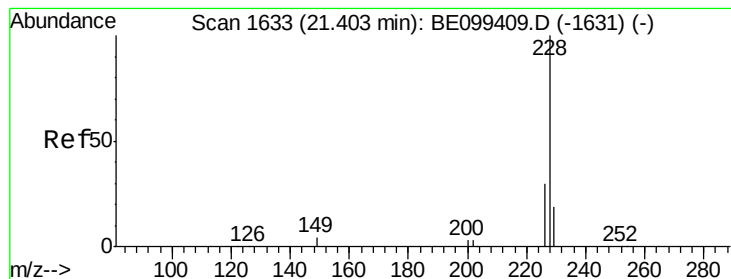
Ion Ratio Lower Upper

228 100

226 27.1 21.0 31.6

229 19.7 16.6 25.0

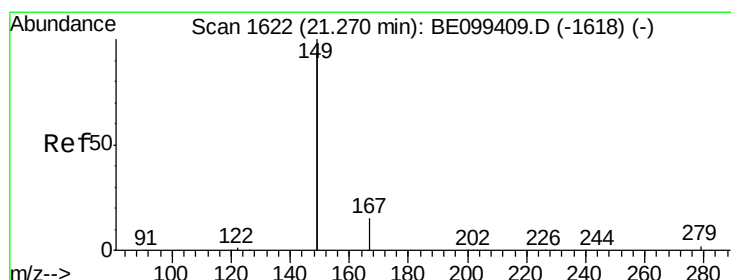
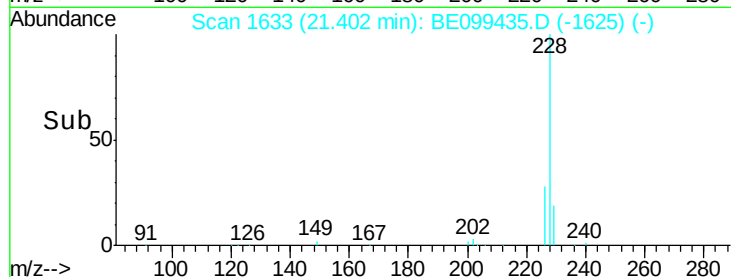
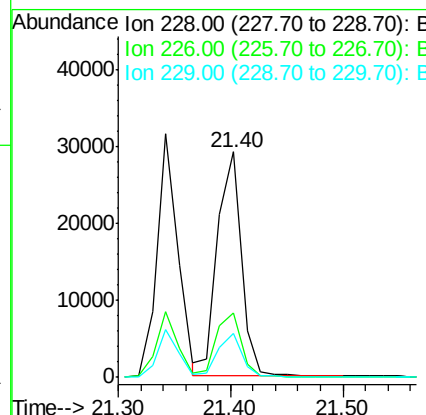
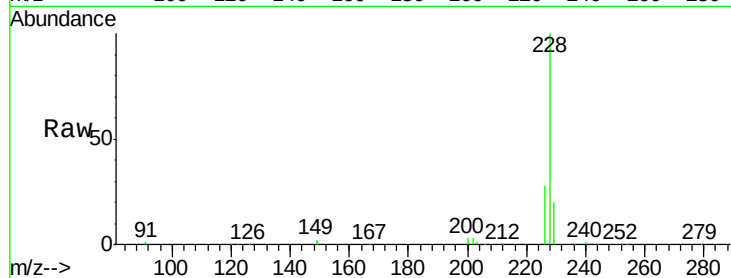




#31
 Chrysene
 Concen: 0.468 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE099435.D
 Acq: 30 Apr 2019 21:02

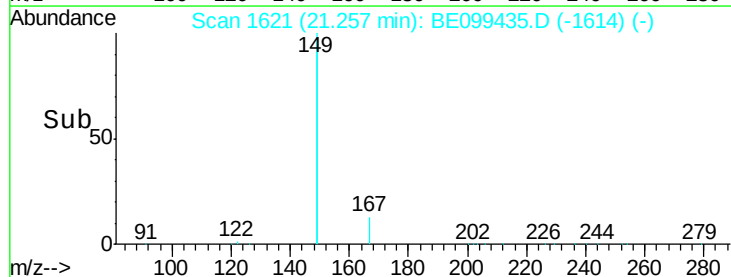
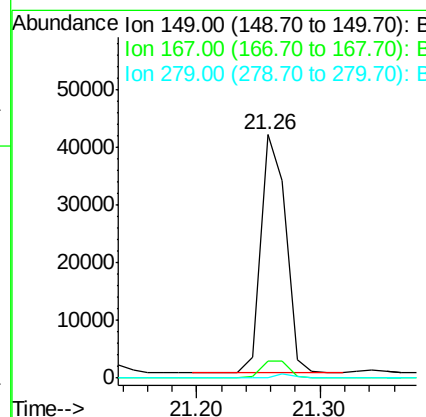
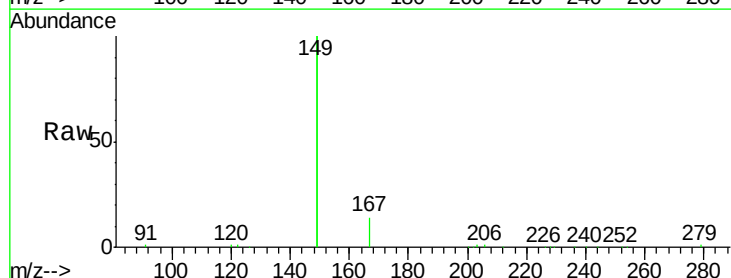
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

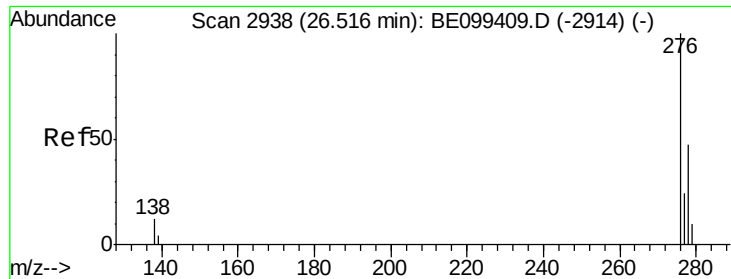
Tot Ion:228 Resp: 42937
 Ion Ratio Lower Upper
 228 100
 226 28.5 24.0 36.0
 229 19.7 15.8 23.8



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.371 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BE099435.D
 Acq: 30 Apr 2019 21:02

Tgt Ion:149 Resp: 58460
 Ion Ratio Lower Upper
 149 100
 167 7.5 5.8 8.6
 279 1.4 1.0 1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.424 ng

RT: 26.50 min Scan# 2933

Delta R.T. -0.02 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

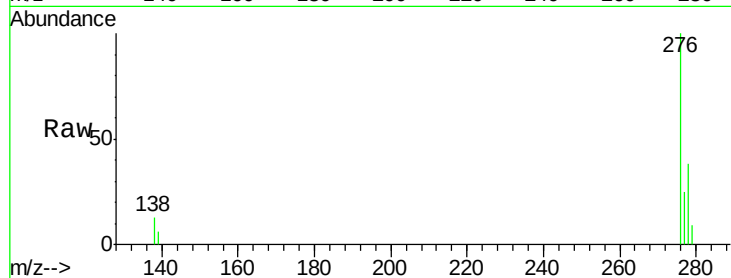
Tot Ion:276 Resp: 45972

Ion Ratio Lower Upper

276 100

138 13.3 10.2 15.2

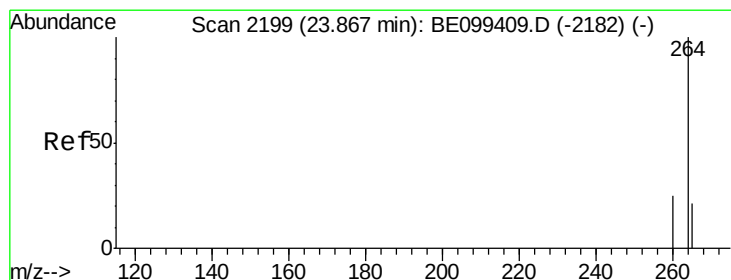
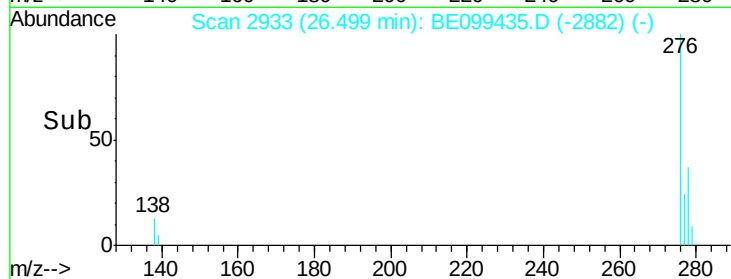
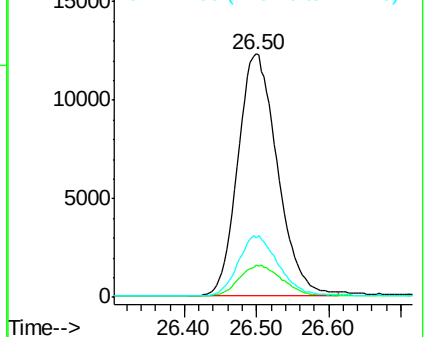
277 24.8 19.2 28.8



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: 23.86 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

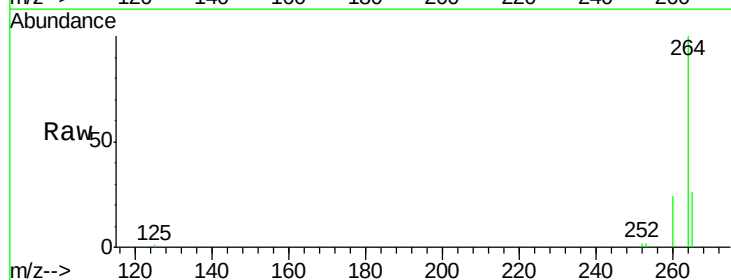
Tgt Ion:264 Resp: 33026

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

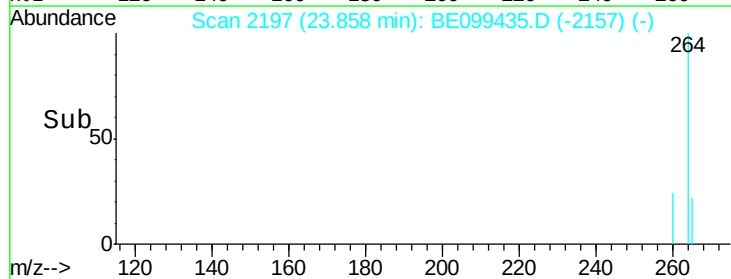
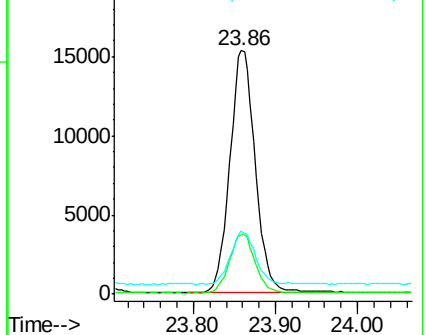
265 25.8 21.3 31.9

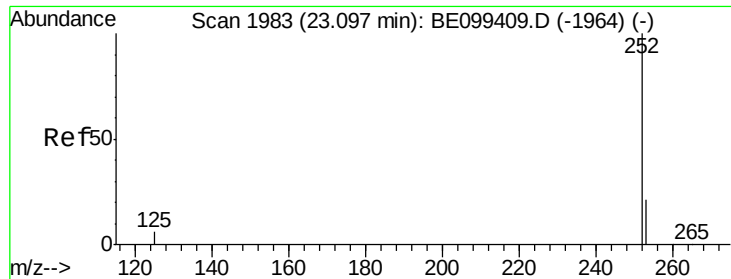


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.419 ng

RT: 23.09 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

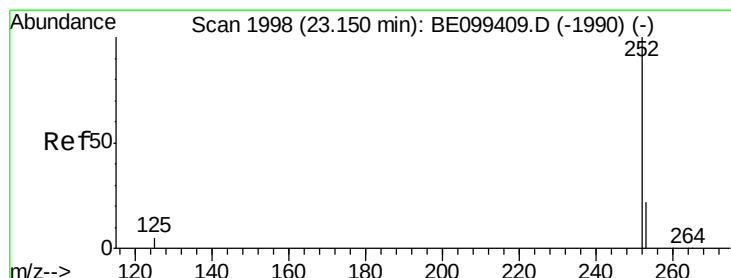
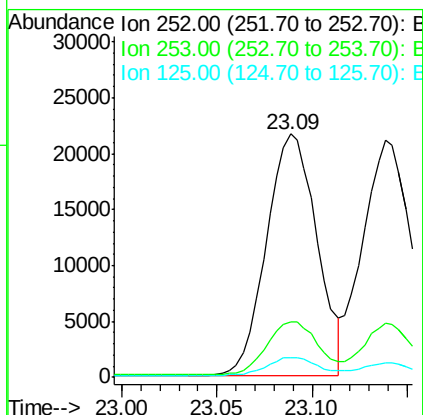
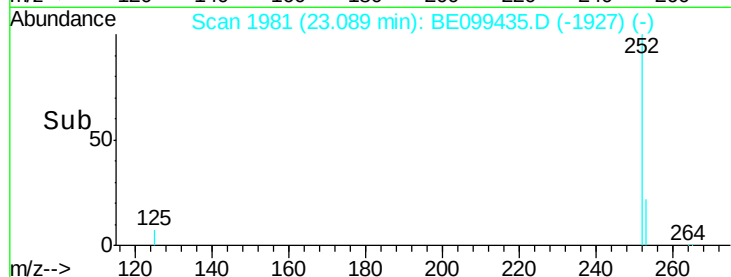
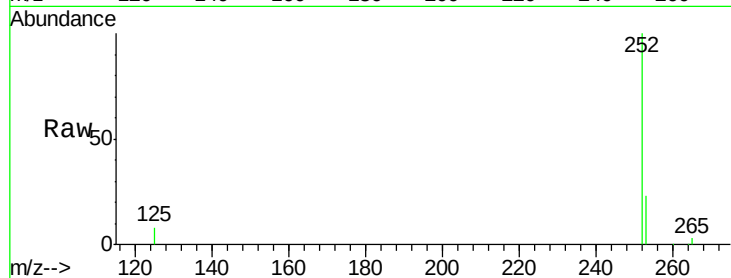
Tot Ion:252 Resp: 39907

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 8.2 5.6 8.4



#36

Benzo(k)fluoranthene

Concen: 0.425 ng

RT: 23.14 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

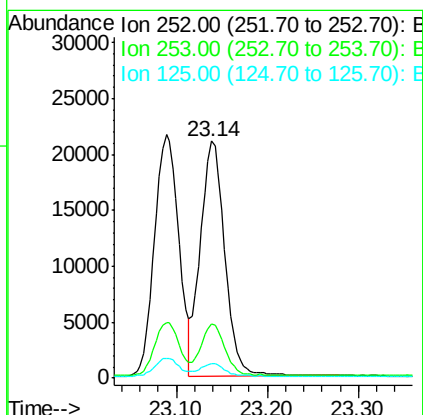
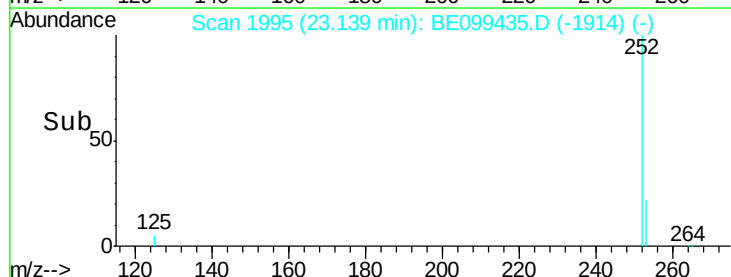
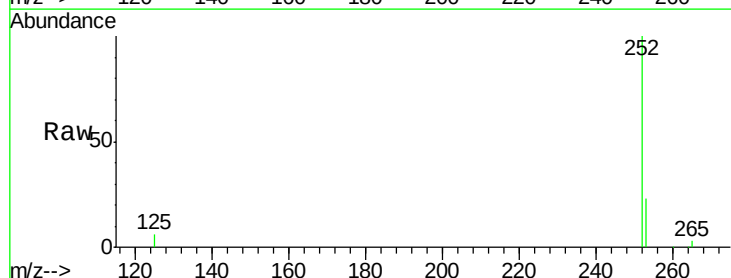
Tgt Ion:252 Resp: 39073

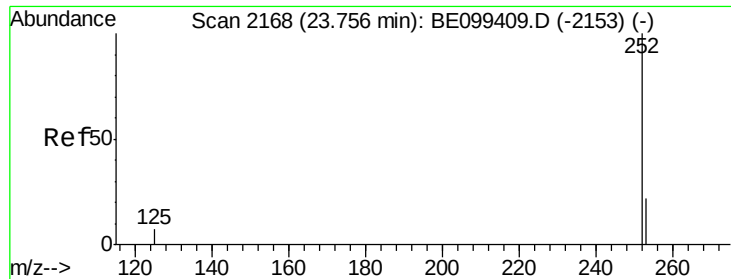
Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 6.0 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.417 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

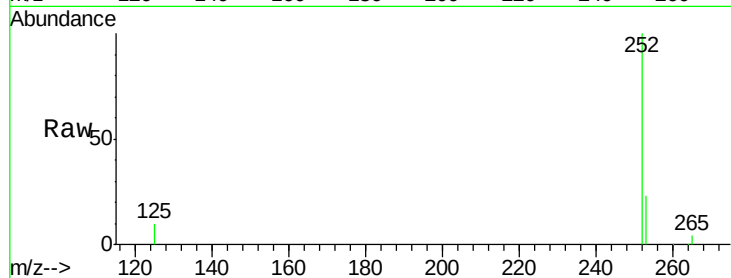
Tot Ion:252 Resp: 37552

Ion Ratio Lower Upper

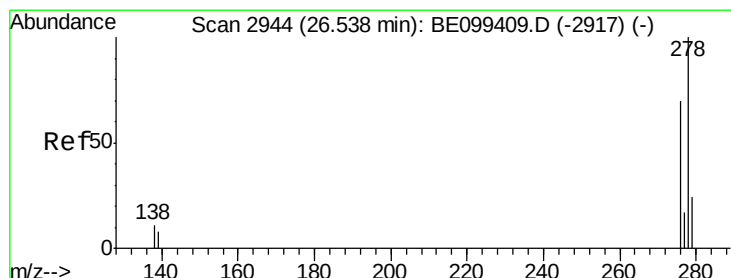
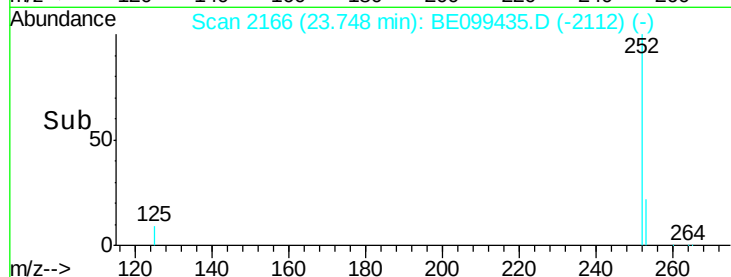
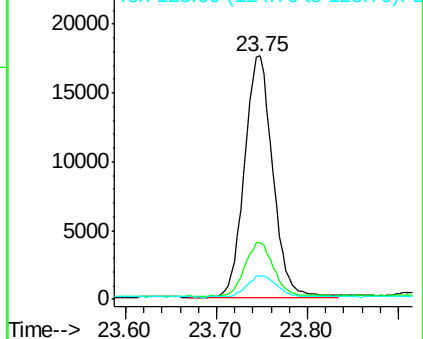
252 100

253 23.2 18.9 28.3

125 9.5 6.7 10.1



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



#38

Dibenzo(a,h)anthracene

Concen: 0.409 ng

RT: 26.52 min Scan# 2940

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

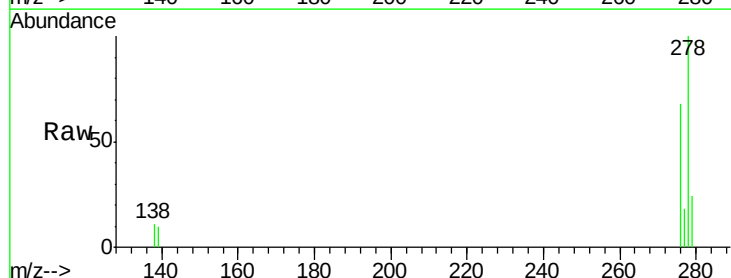
Tgt Ion:278 Resp: 37707

Ion Ratio Lower Upper

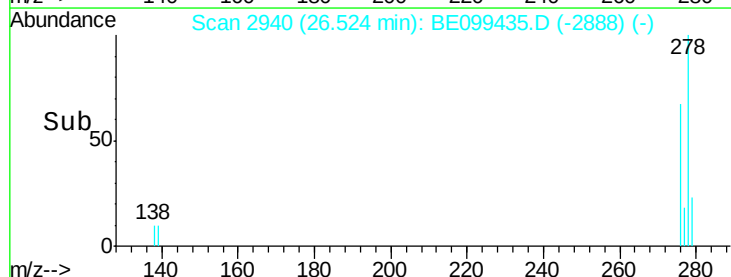
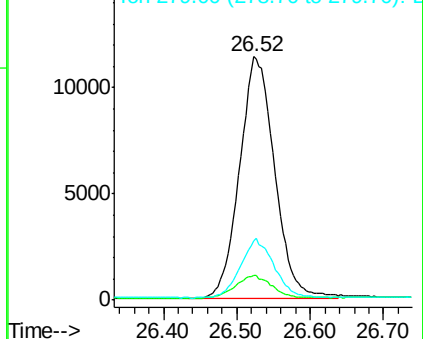
278 100

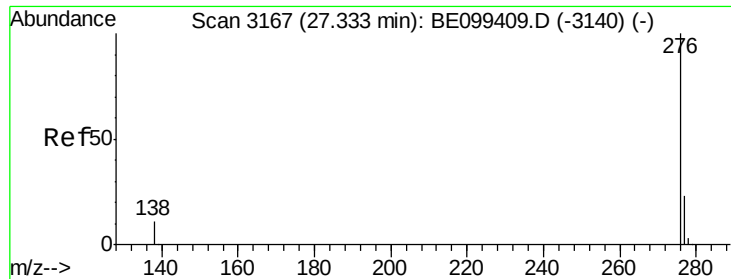
139 10.3 7.7 11.5

279 24.1 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: 0.411 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE099435.D

Acq: 30 Apr 2019 21:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

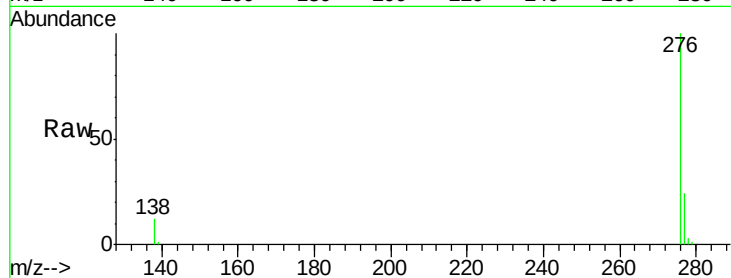
Tot Ion: 276 Resp: 37894

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 11.9 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

