

Data File : BE099795.D
Acq On : 4 Jun 2019 19:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 05 03:49:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1476	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5116	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	3659	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12747	0.40	ng	0.00
27) Chrysene-d12	21.41	240	20502	0.40	ng	0.00
34) Perylene-d12	23.96	264	23718	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1309	0.35	ng	0.01
5) Phenol-d6	6.99	99	1716	0.35	ng	0.01
8) Nitrobenzene-d5	8.98	82	1550	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3073	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	769	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	4869	0.35	ng	0.01
25) Fluoranthene-d10	19.26	212	68447	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	13578	0.37	ng	0.00

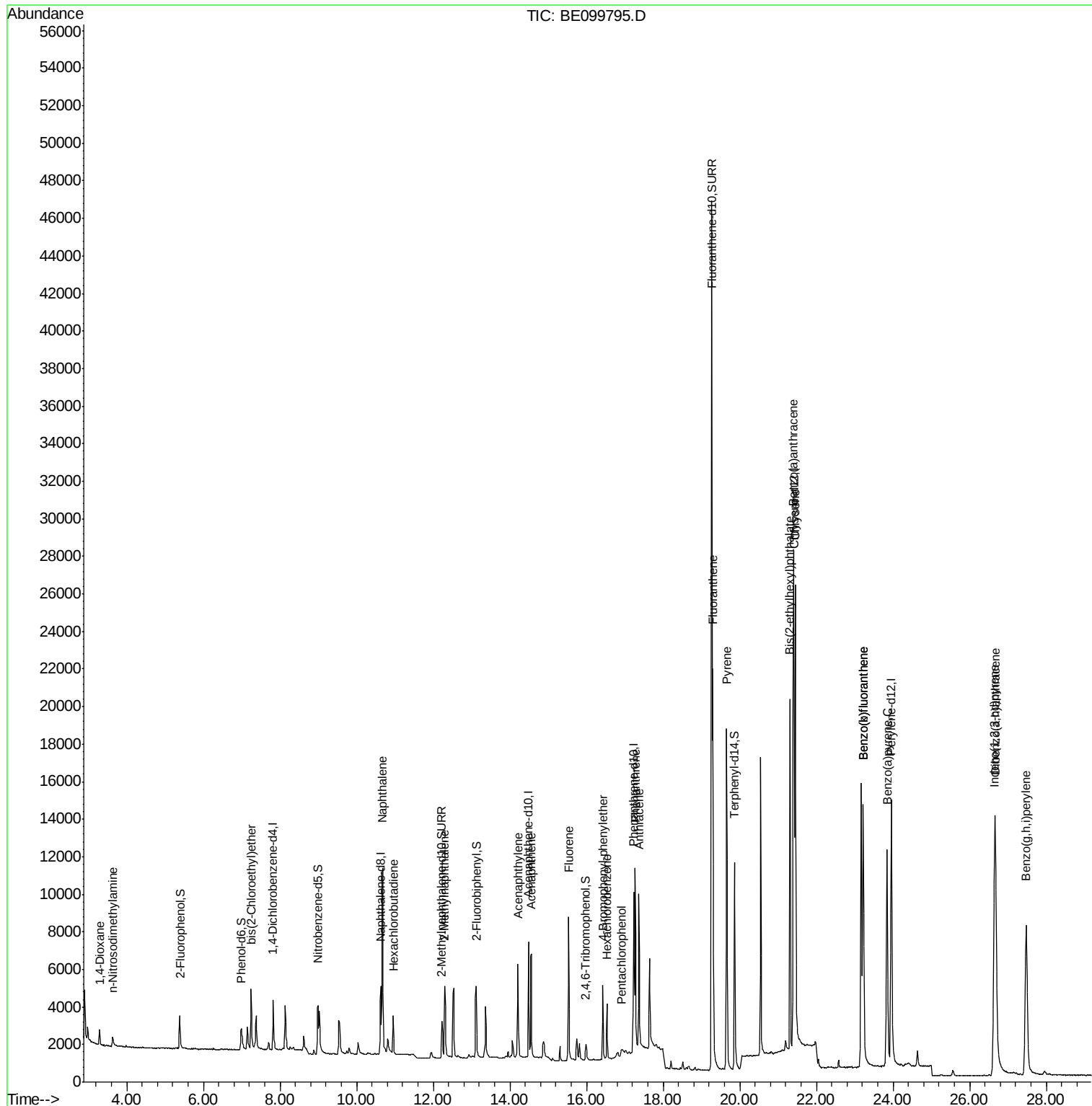
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	782	0.358	ng	94
3) n-Nitrosodimethylamine	3.62	42	408	0.338	ng	# 82
6) bis(2-Chloroethyl)ether	7.24	93	1523	0.347	ng	91
9) Naphthalene	10.68	128	19759	0.361	ng	99
10) Hexachlorobutadiene	10.95	225	1528	0.379	ng	96
12) 2-Methylnaphthalene	12.30	142	3218	0.361	ng	98
16) Acenaphthylene	14.21	152	6378	0.374	ng	99
17) Acenaphthene	14.56	154	3515	0.367	ng	98
18) Fluorene	15.53	166	5080	0.360	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2392	0.325	ng	97
21) Hexachlorobenzene	16.53	284	2656	0.353	ng	98
22) Pentachlorophenol	16.91	266	586	0.433	ng	98
23) Phenanthrene	17.27	178	11239	0.361	ng	98
24) Anthracene	17.36	178	9620	0.341	ng	97
26) Fluoranthene	19.29	202	19355	0.393	ng	100
28) Pyrene	19.65	202	20134	0.391	ng	100
30) Benzo(a)anthracene	21.40	228	22420	0.385	ng	100
31) Chrysene	21.45	228	23925	0.384	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	26015	0.387	ng	99
33) Indeno(1,2,3-cd)pyrene	26.64	276	28513	0.379	ng	# 94
35) Benzo(b)fluoranthene	23.22	252	24313	0.374	ng	100
36) Benzo(k)fluoranthene	23.22	252	24756	0.365	ng	99
37) Benzo(a)pyrene	23.84	252	22730	0.363	ng	# 95
38) Dibenzo(a,h)anthracene	26.67	278	22618	0.344	ng	97
39) Benzo(g,h,i)perylene	27.48	276	23875	0.360	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

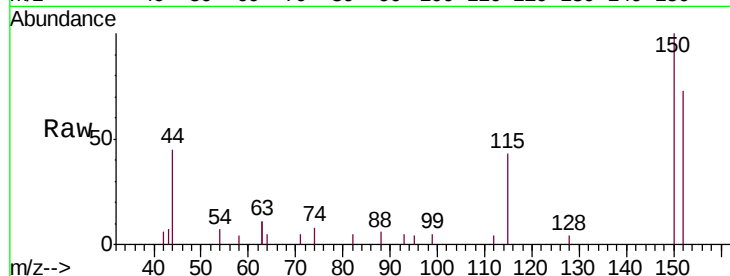
Tgt Ion:152 Resp: 1476

Ion Ratio Lower Upper

152 100

150 137.7 109.2 163.8

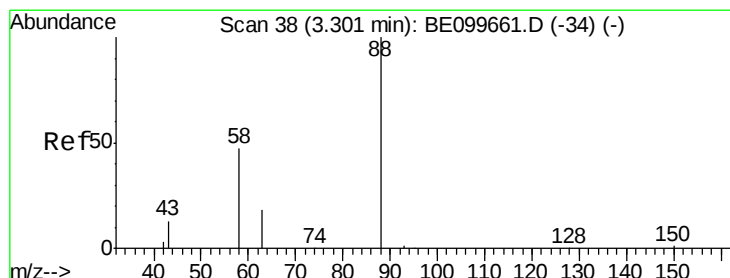
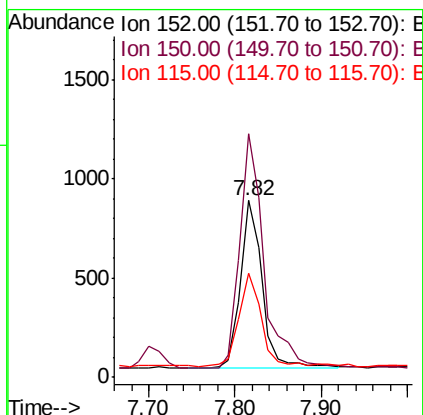
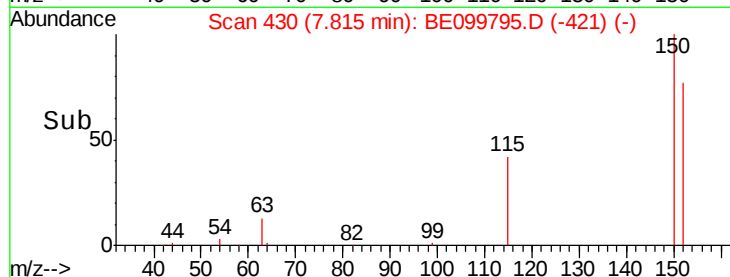
115 58.7 43.7 65.5



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: 0.358 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

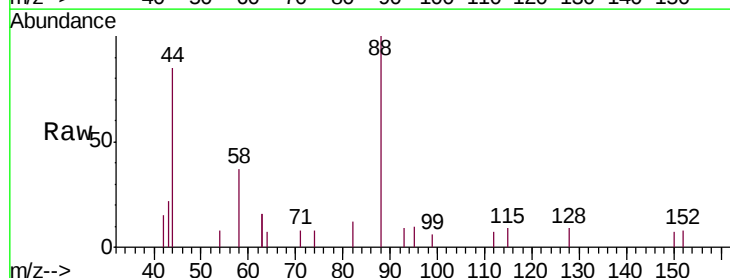
Tgt Ion: 88 Resp: 782

Ion Ratio Lower Upper

88 100

58 56.4 41.8 62.8

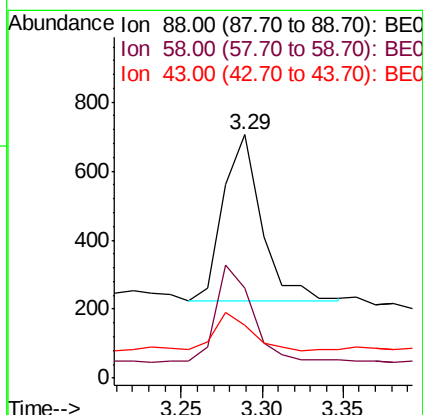
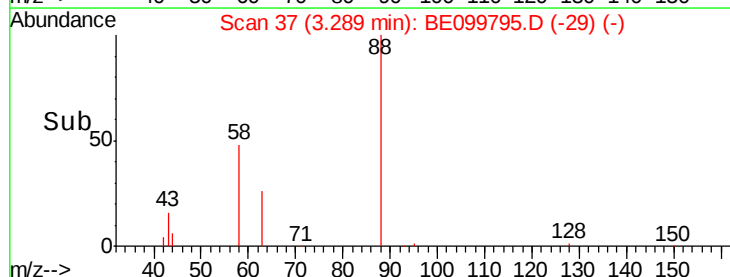
43 22.4 15.0 22.4



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: 0.338 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

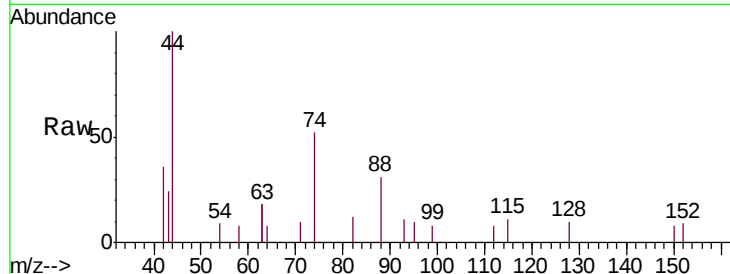
Tgt Ion: 42 Resp: 408

Ion Ratio Lower Upper

42 100

74 185.3 129.2 193.8

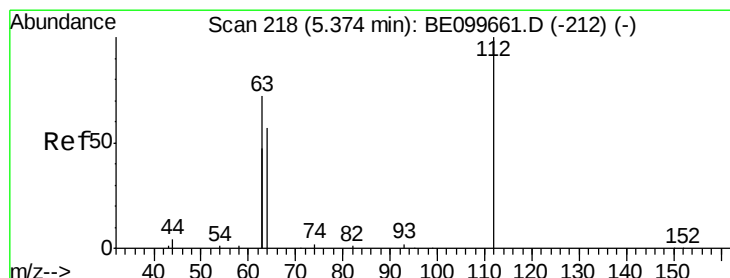
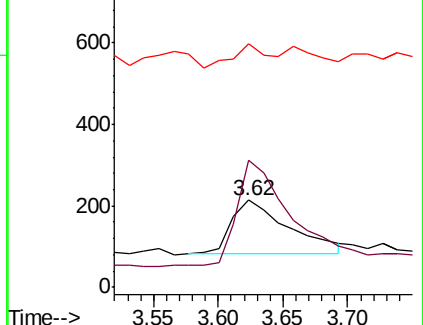
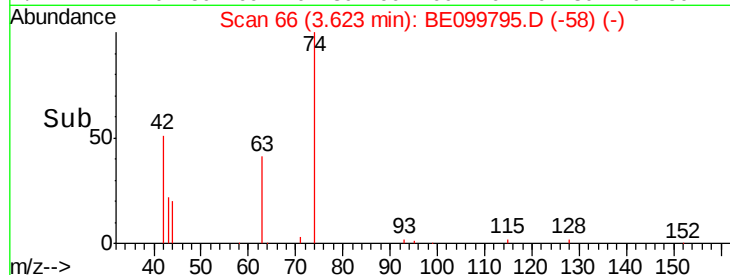
44 27.5 0.0 0.0#



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: 0.351 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

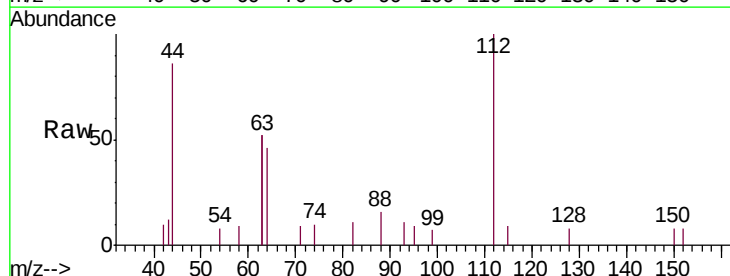
Tgt Ion: 112 Resp: 1309

Ion Ratio Lower Upper

112 100

64 55.5 43.4 65.2

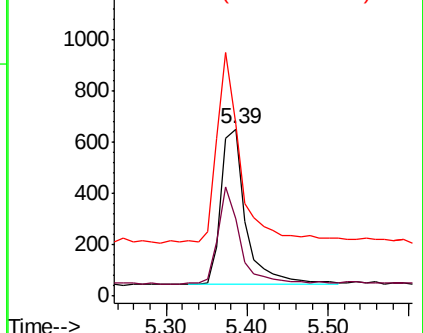
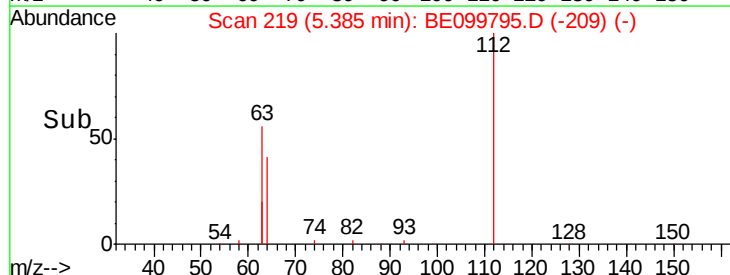
63 117.2 96.9 145.3

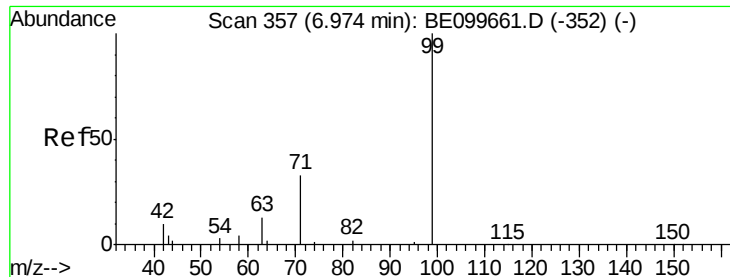


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.348 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

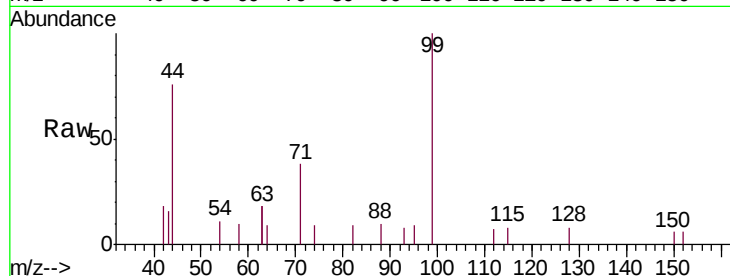
Tgt Ion: 99 Resp: 1716

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

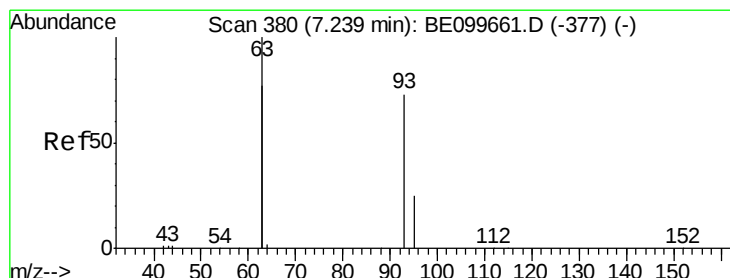
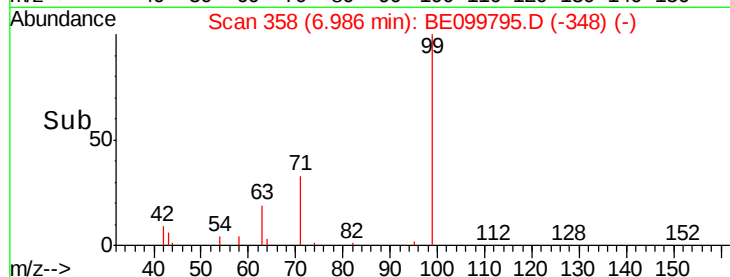
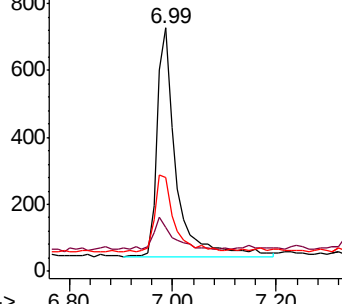
71 34.0 28.9 43.3



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: 0.347 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

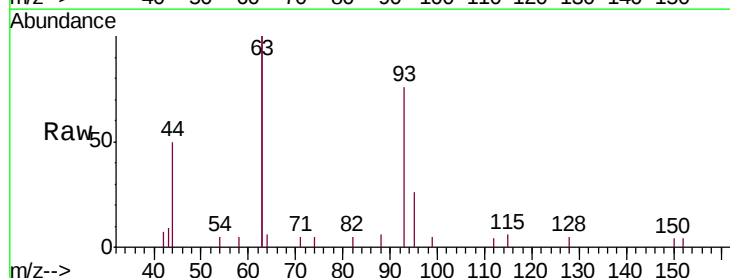
Tgt Ion: 93 Resp: 1523

Ion Ratio Lower Upper

93 100

63 242.9 207.8 311.6

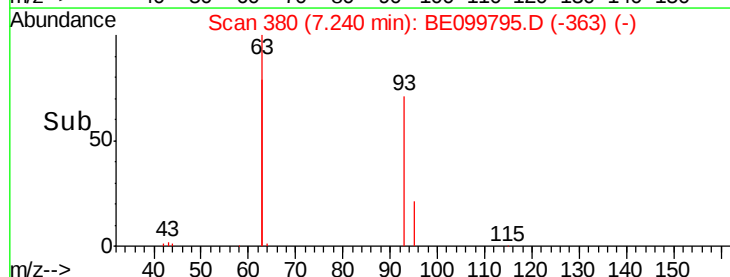
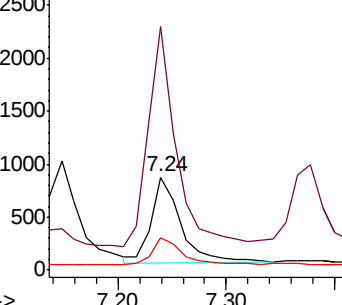
95 30.1 25.9 38.9

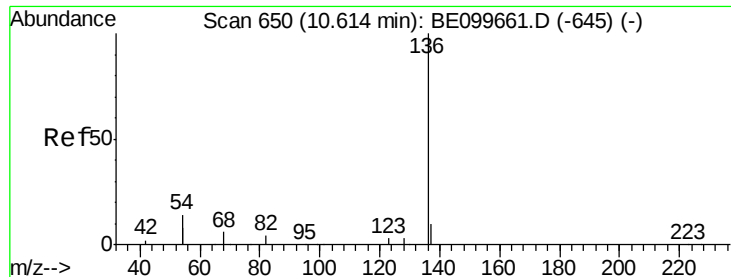


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

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SSTDCCC0.4EC

Tgt Ion: 136 Resp: 5116

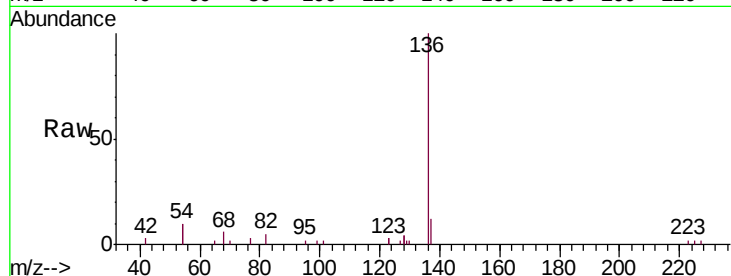
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 20.7 22.3 33.5#

68 6.3 6.0 9.0

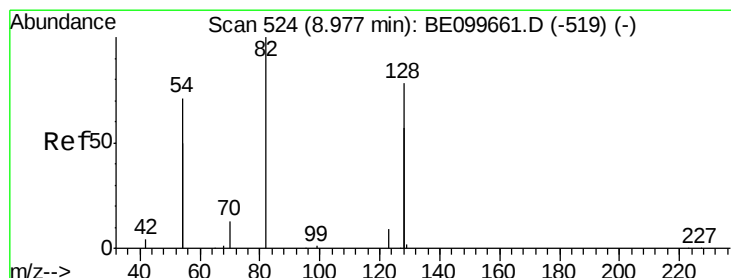
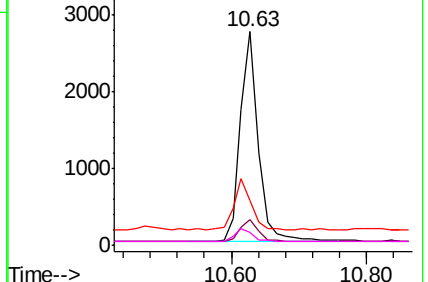
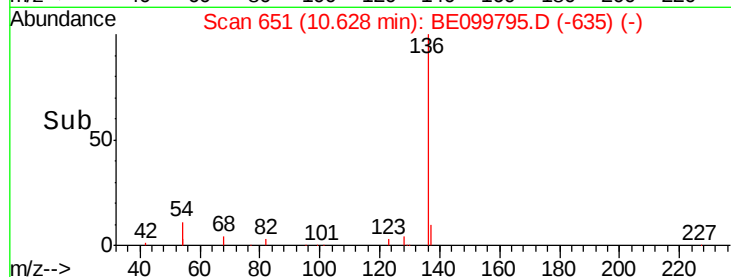


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

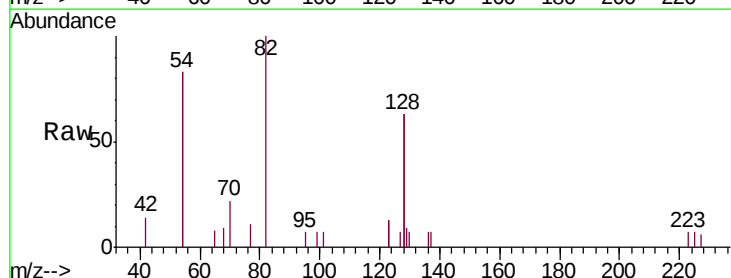
Tgt Ion: 82 Resp: 1550

Ion Ratio Lower Upper

82 100

128 126.2 117.7 176.5

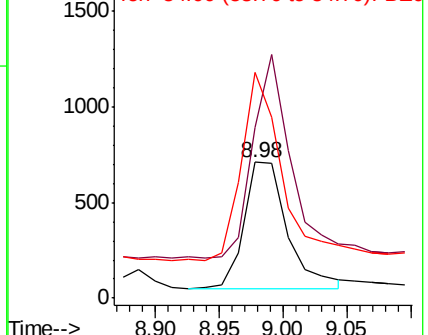
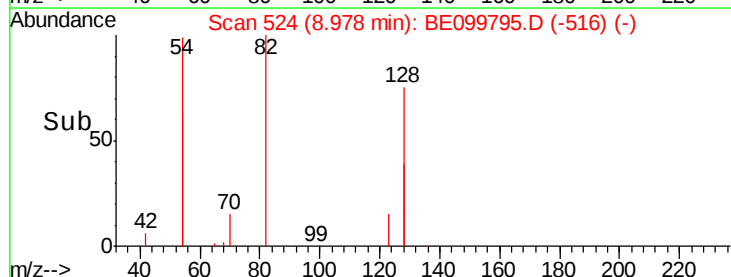
54 166.8 106.6 160.0#

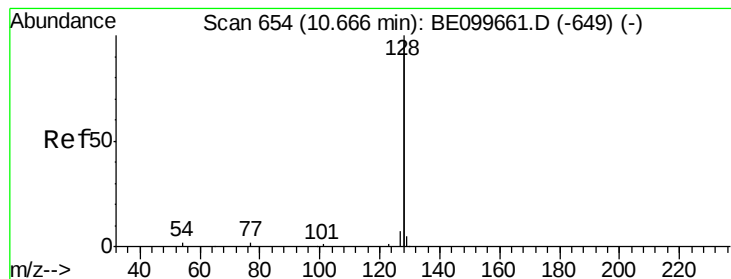


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.361 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

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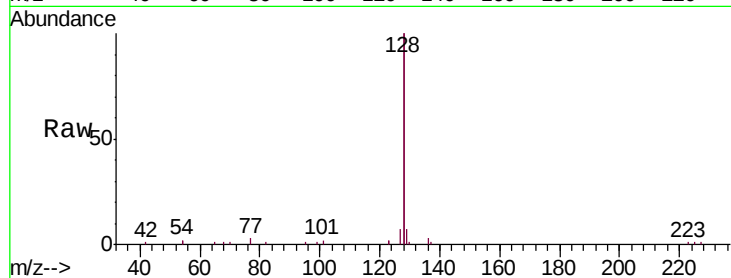
Tgt Ion:128 Resp: 19759

Ion Ratio Lower Upper

128 100

129 3.3 2.4 3.6

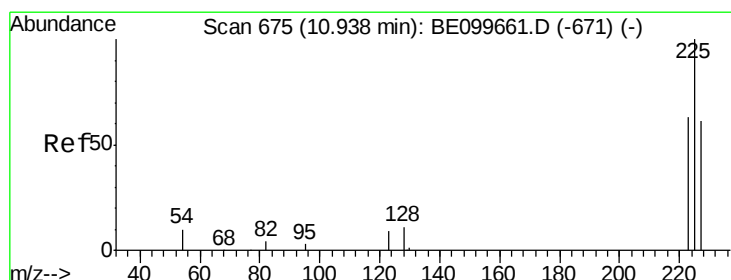
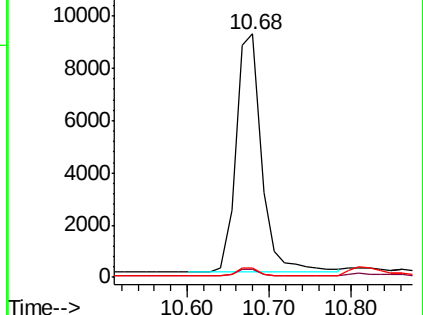
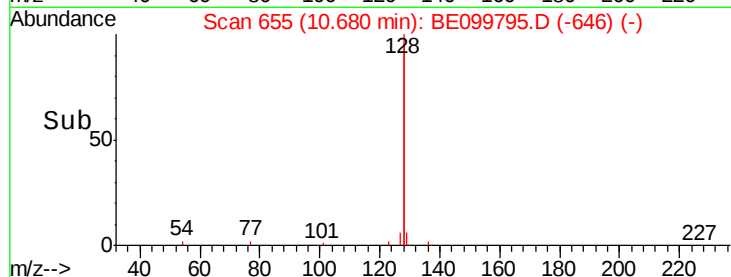
127 3.7 2.9 4.3



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: 0.379 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

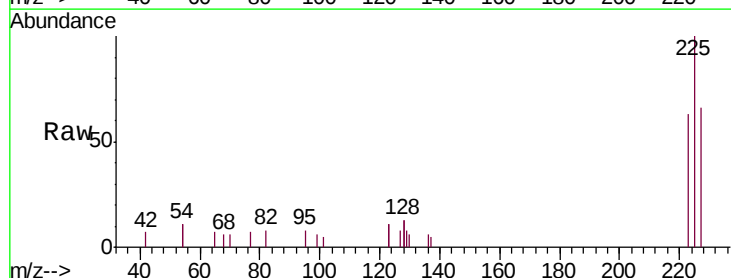
Tgt Ion:225 Resp: 1528

Ion Ratio Lower Upper

225 100

223 61.5 51.8 77.6

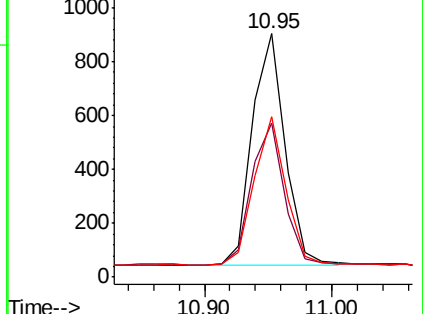
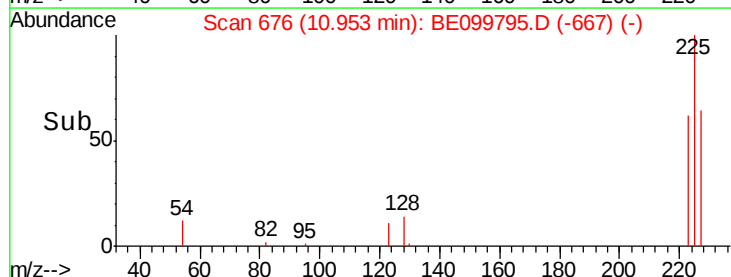
227 62.2 52.6 79.0

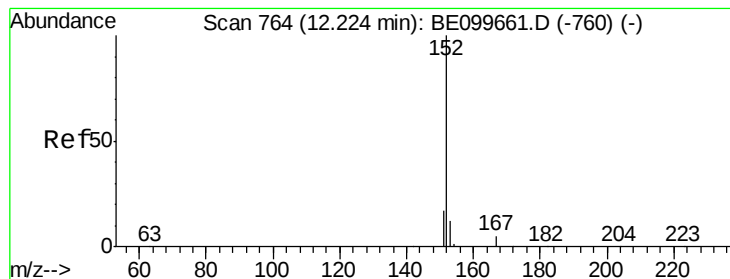


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.348 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

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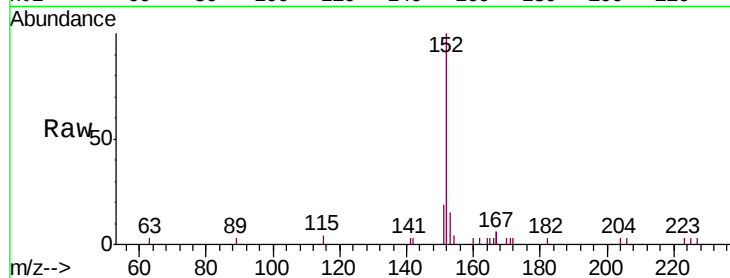
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3073

Ion Ratio Lower Upper

152 100

151 19.5 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

1500

1000

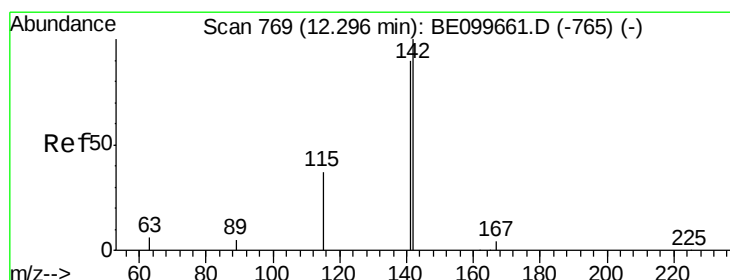
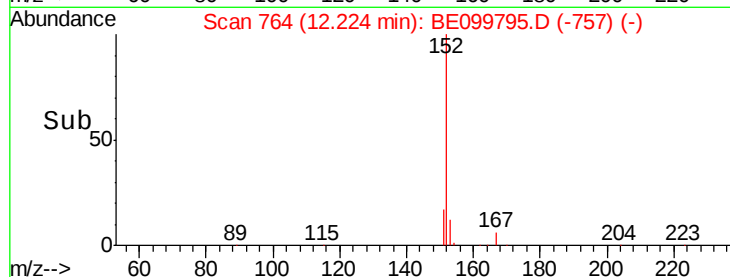
500

0

Time-->

12.20

12.40



#12

2-Methylnaphthalene

Concen: 0.361 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

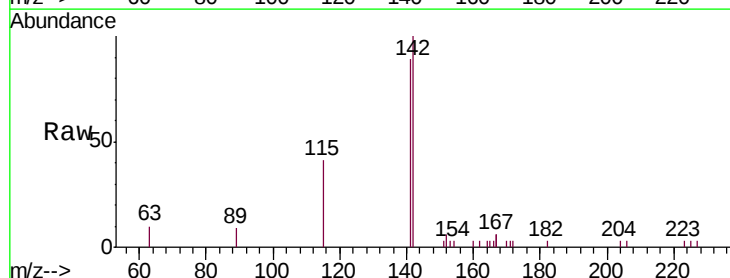
Tgt Ion:142 Resp: 3218

Ion Ratio Lower Upper

142 100

141 89.1 72.0 108.0

115 41.5 31.0 46.4



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

2000

1500

1000

500

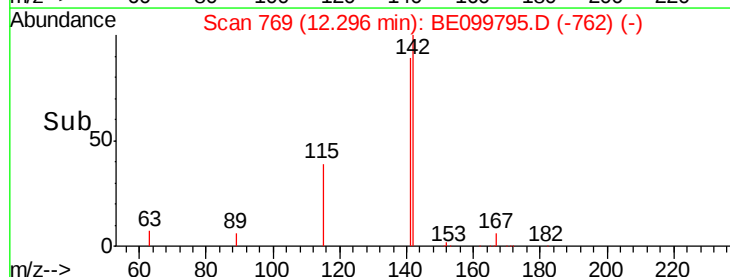
0

Time-->

12.20

12.30

12.40

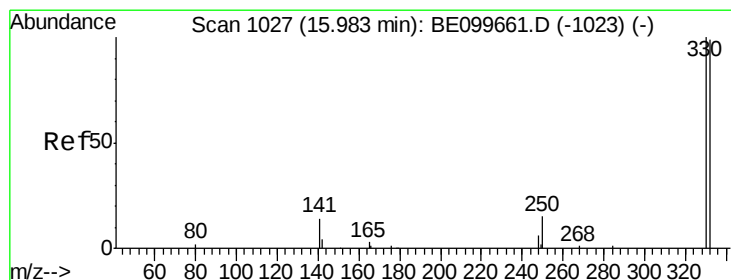
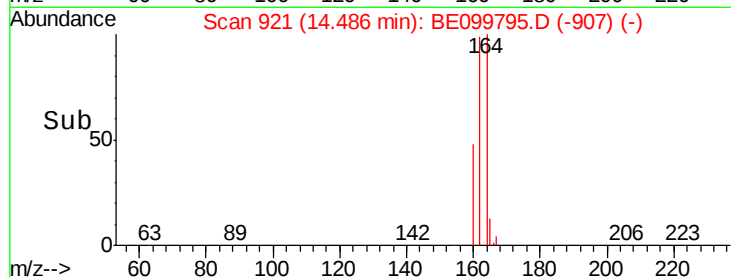
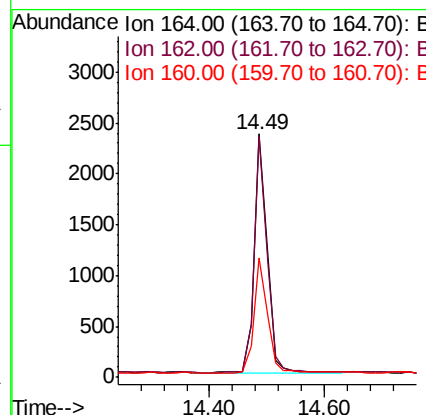
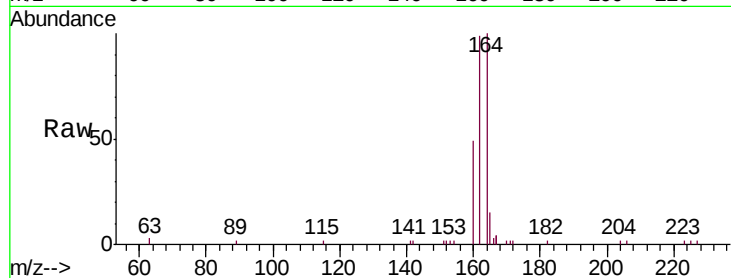




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099795.D
Acq: 4 Jun 2019 19:14

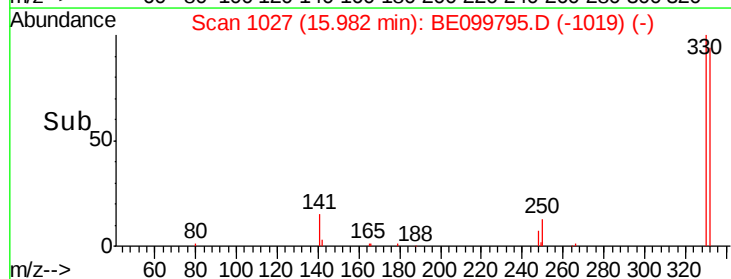
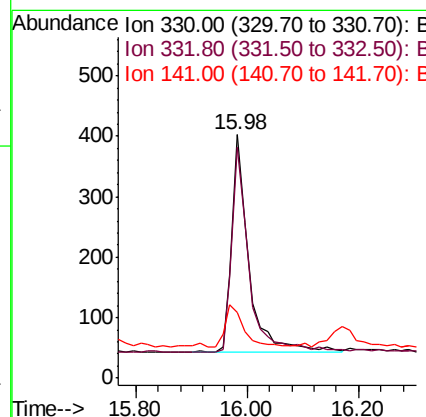
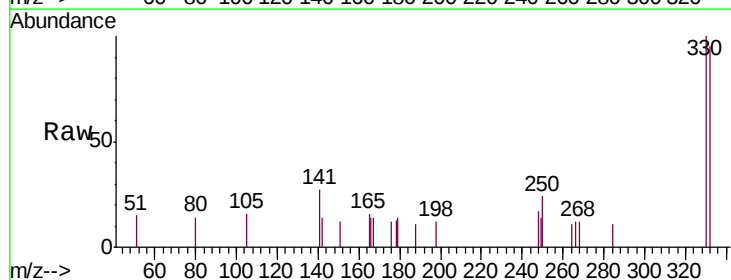
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

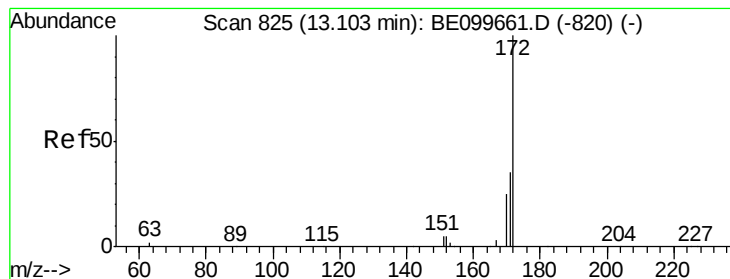
Tgt Ion:164 Resp: 3659
Ion Ratio Lower Upper
164 100
162 99.1 76.5 114.7
160 49.3 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099795.D
Acq: 4 Jun 2019 19:14

Tgt Ion:330 Resp: 769
Ion Ratio Lower Upper
330 100
332 93.2 77.3 115.9
141 22.0 18.9 28.3





#15

2-Fluorobiphenyl

Concen: 0.351 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

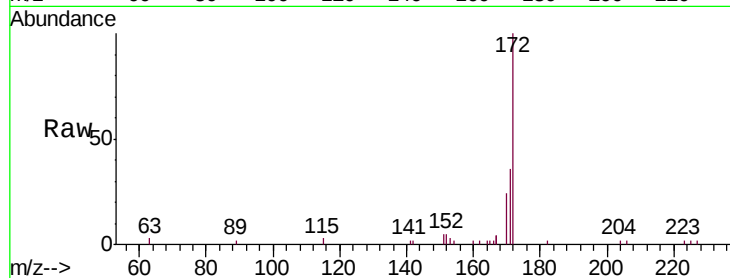
Tgt Ion:172 Resp: 4869

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

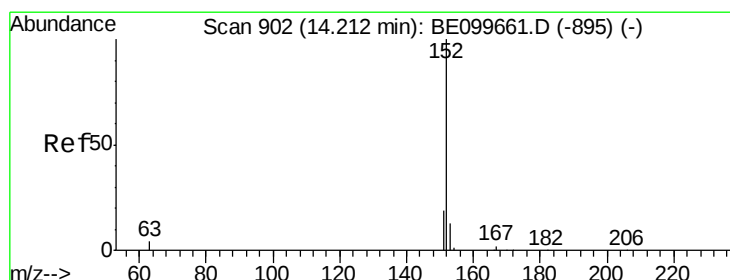
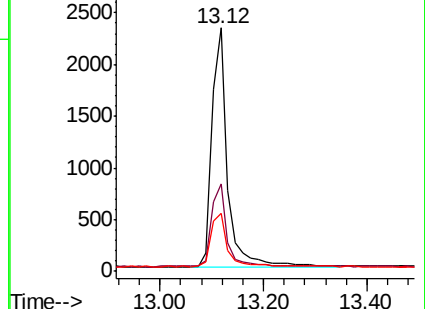
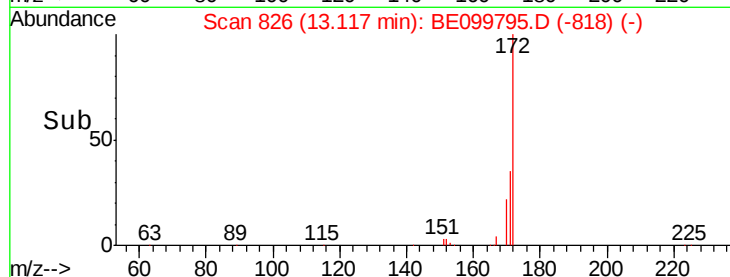
170 23.7 20.9 31.3



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: 0.374 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

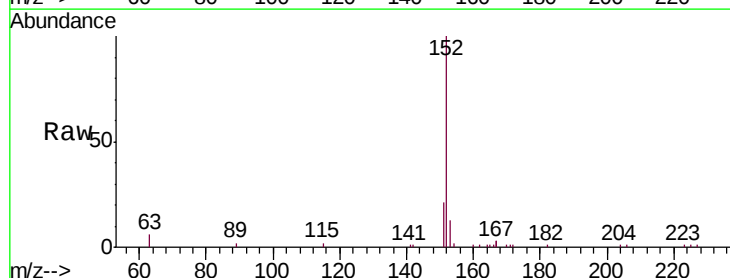
Tgt Ion:152 Resp: 6378

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

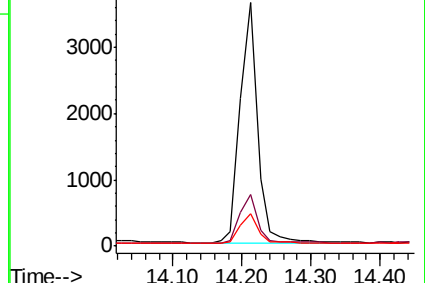
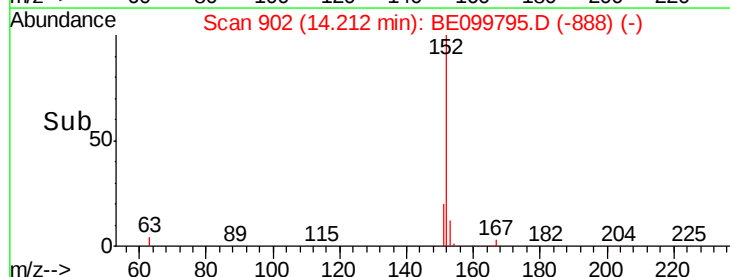
153 13.2 10.6 16.0



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: 0.367 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

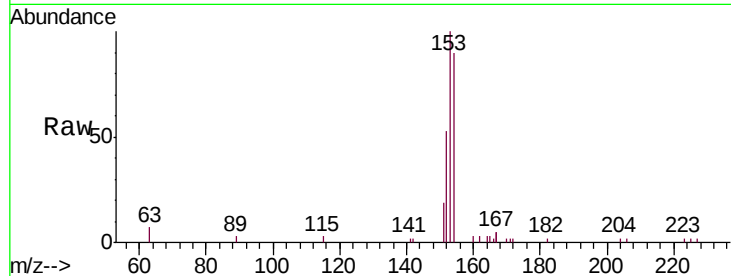
Tgt Ion:154 Resp: 3515

Ion Ratio Lower Upper

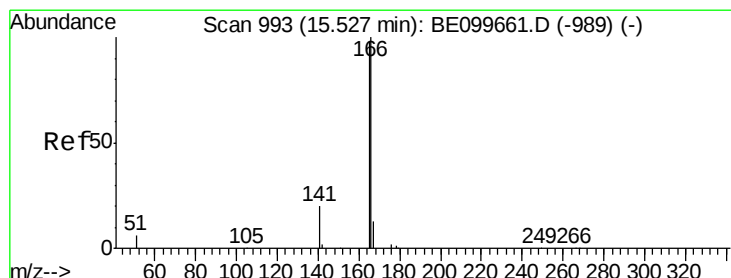
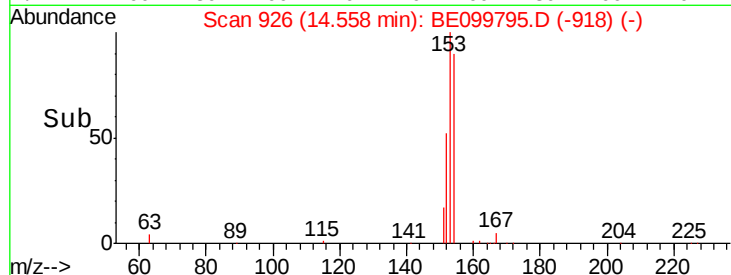
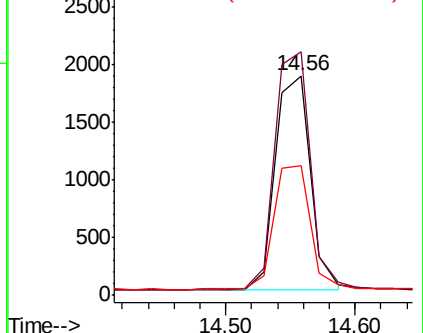
154 100

153 112.4 91.8 137.6

152 59.3 46.0 69.0



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: 0.360 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

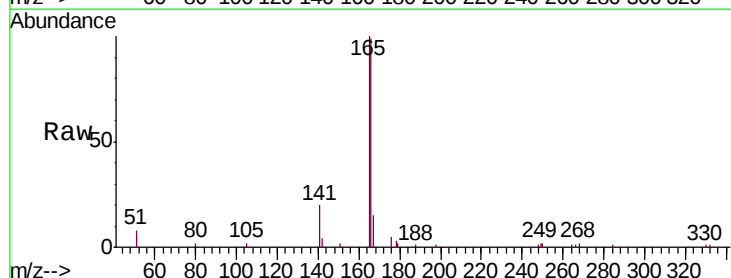
Tgt Ion:166 Resp: 5080

Ion Ratio Lower Upper

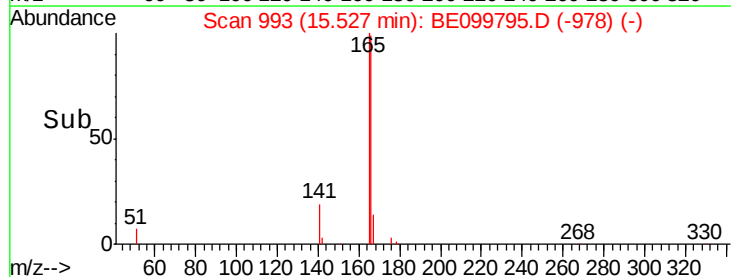
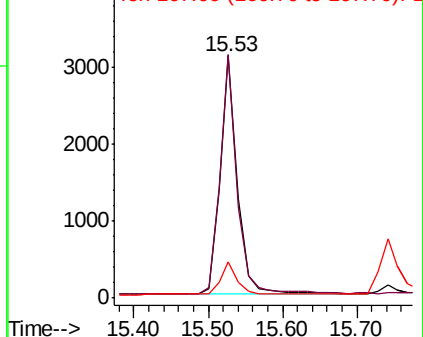
166 100

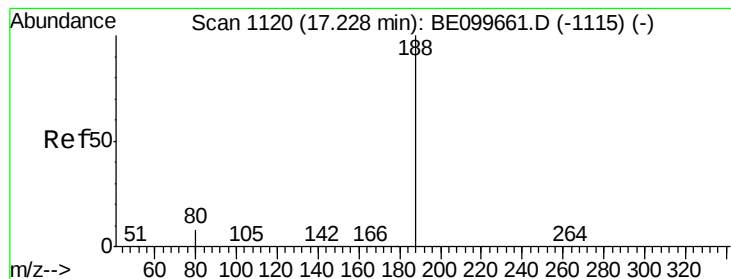
165 99.5 80.3 120.5

167 13.2 10.6 16.0



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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

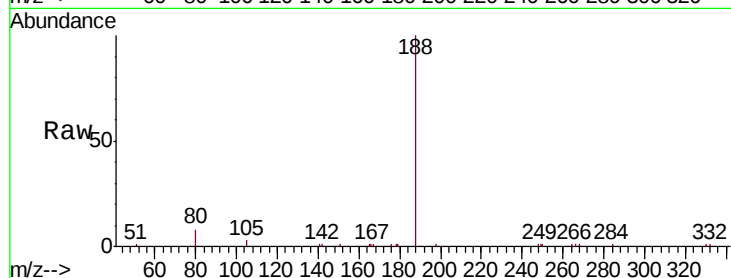
Tgt Ion:188 Resp: 12747

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

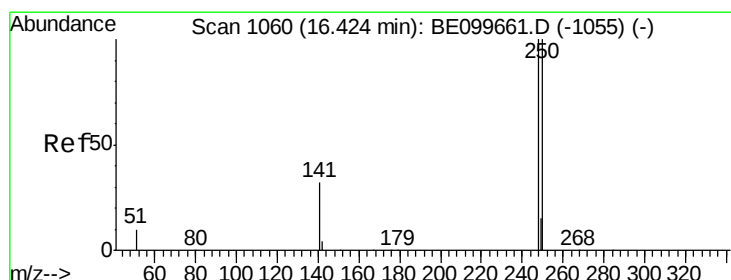
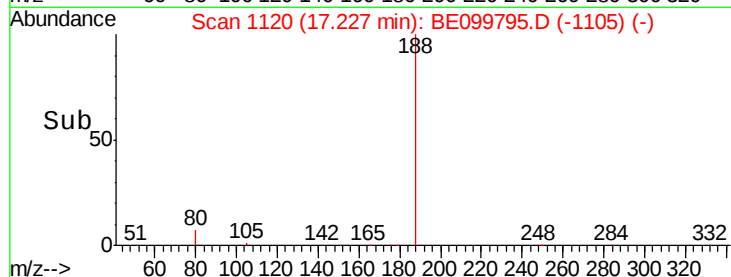
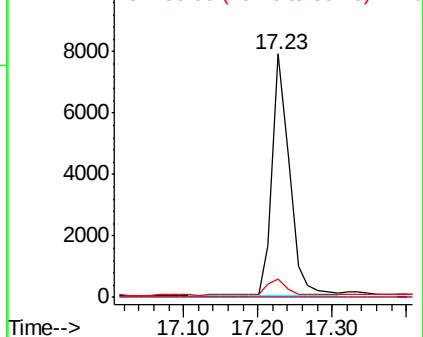
80 7.7 6.7 10.1



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: 0.325 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

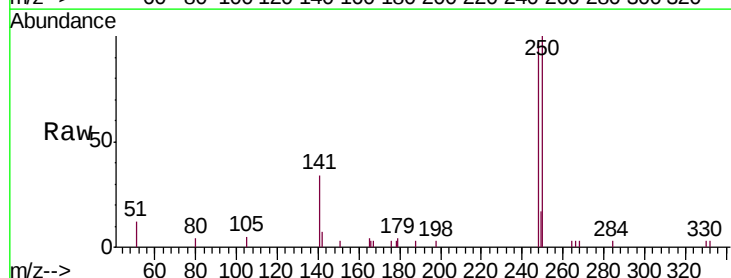
Tgt Ion:248 Resp: 2392

Ion Ratio Lower Upper

248 100

250 102.6 79.8 119.8

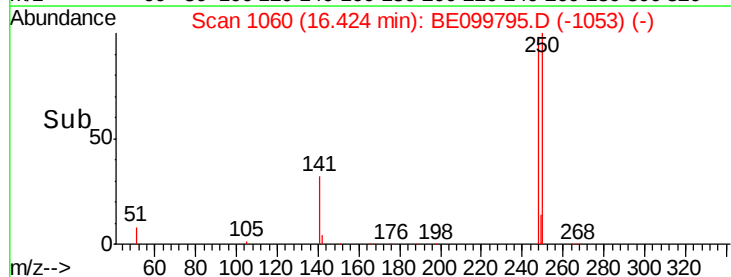
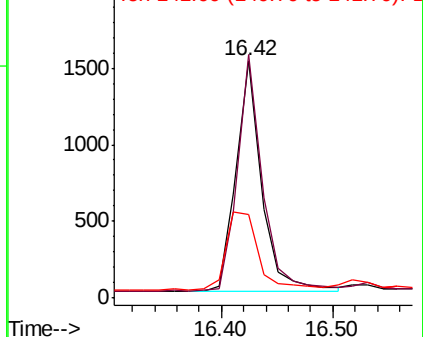
141 35.3 27.0 40.6

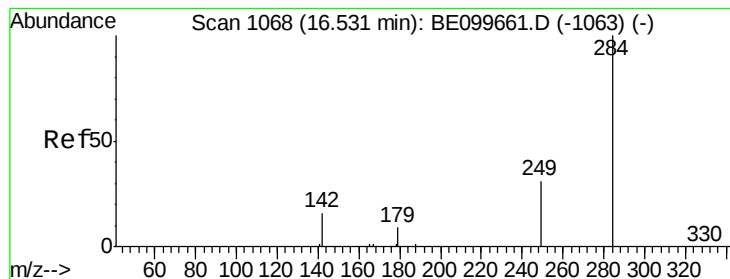


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.353 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

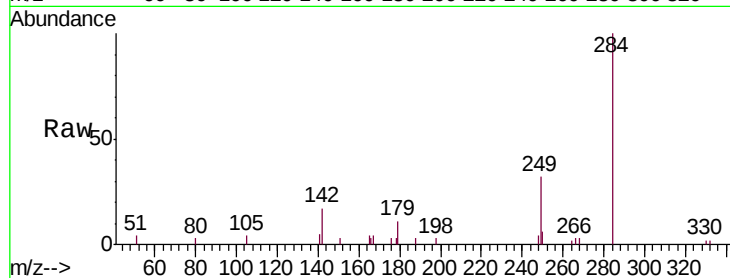
Tgt Ion:284 Resp: 2656

Ion Ratio Lower Upper

284 100

142 21.1 17.8 26.6

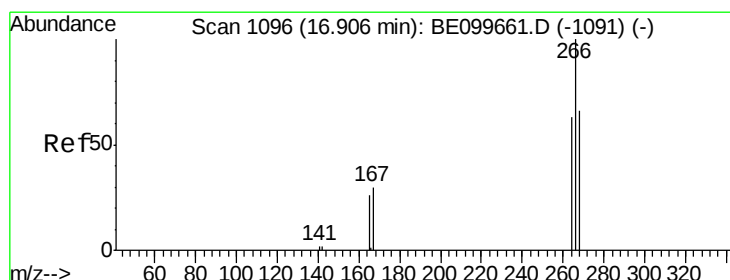
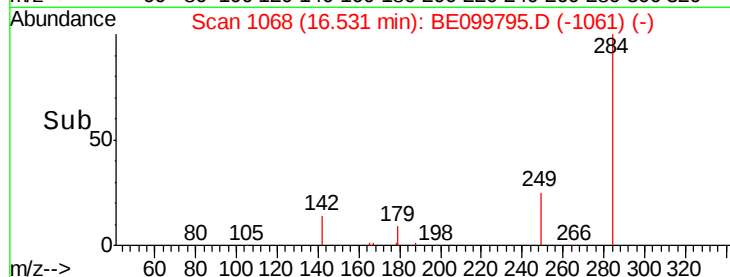
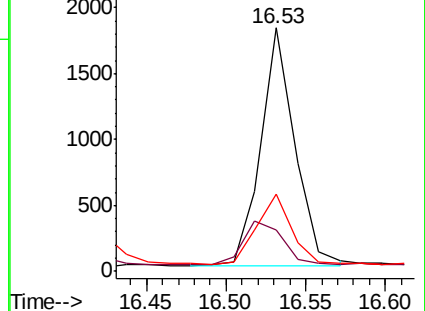
249 30.1 24.8 37.2



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: 0.433 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

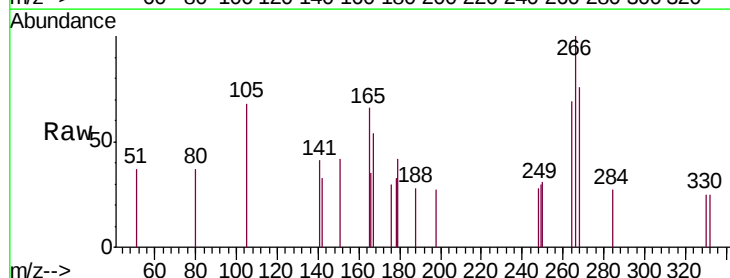
Tgt Ion:266 Resp: 586

Ion Ratio Lower Upper

266 100

264 68.9 57.2 85.8

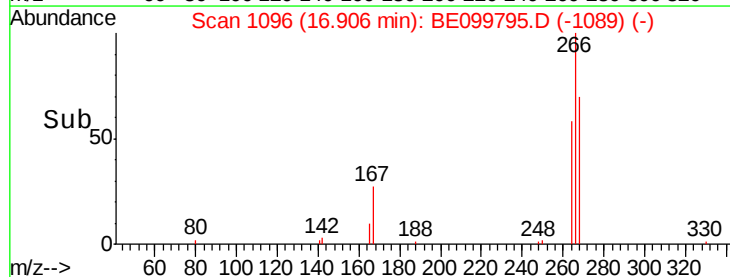
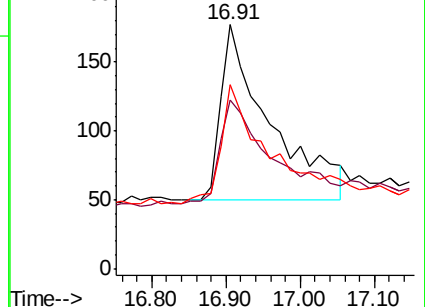
268 75.7 60.5 90.7



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

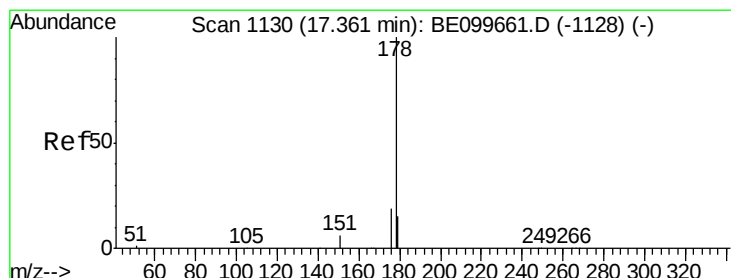
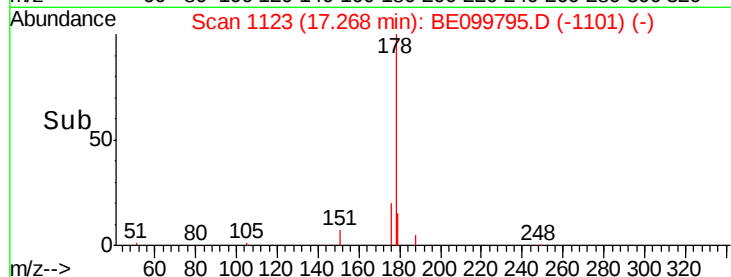
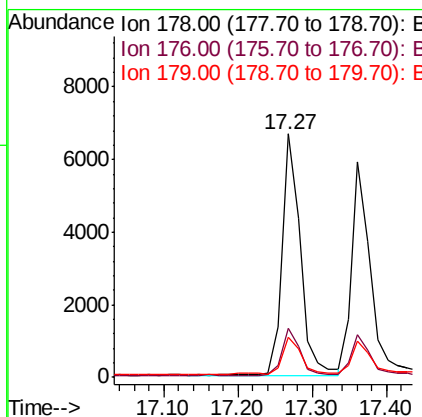
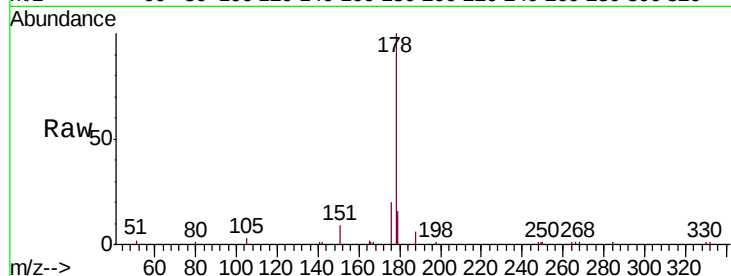




#23
Phenanthrene
Concen: 0.361 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099795.D
Acq: 4 Jun 2019 19:14

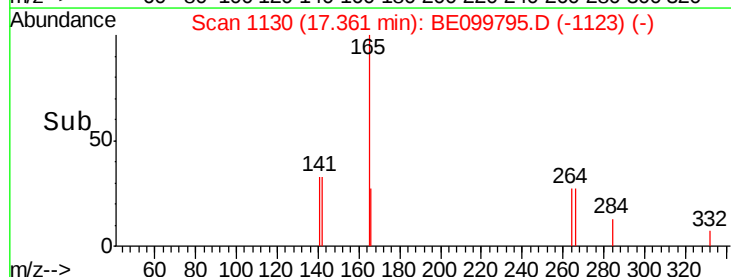
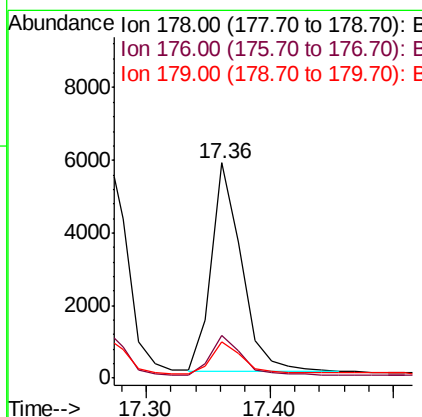
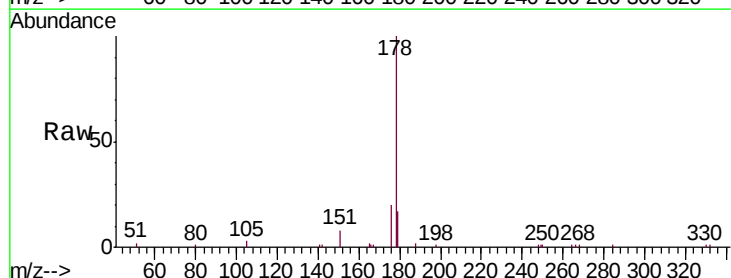
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 11239
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 17.1 12.2 18.4



#24
Anthracene
Concen: 0.341 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099795.D
Acq: 4 Jun 2019 19:14

Tgt Ion:178 Resp: 9620
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 16.7 12.0 18.0

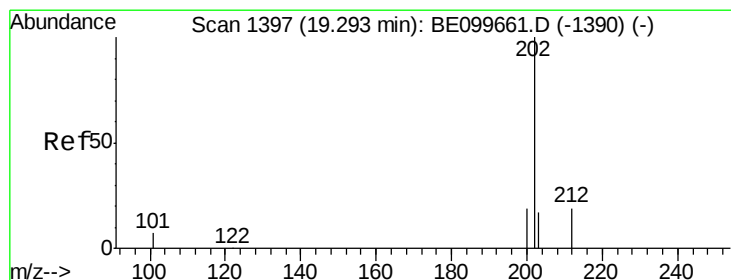
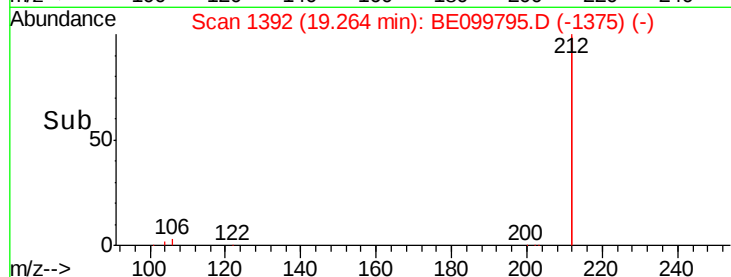
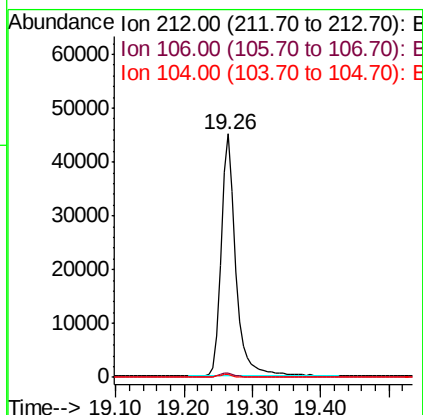
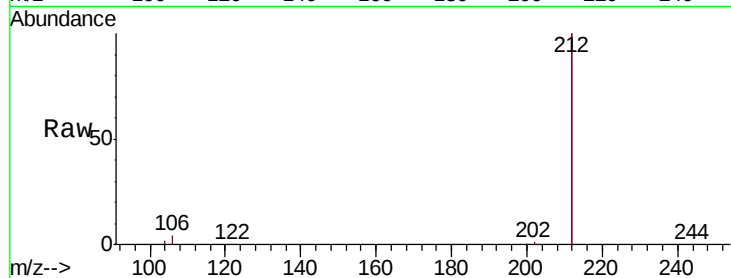




#25
 Fluoranthene-d10
 Concen: 0.393 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099795.D
 Acq: 4 Jun 2019 19:14

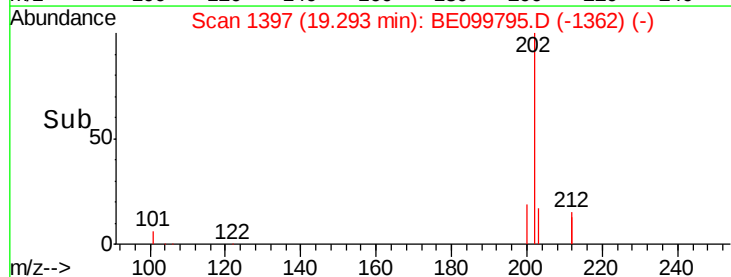
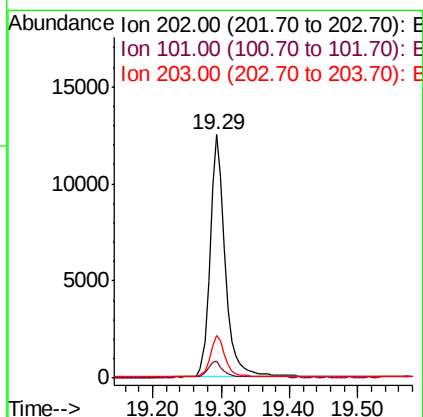
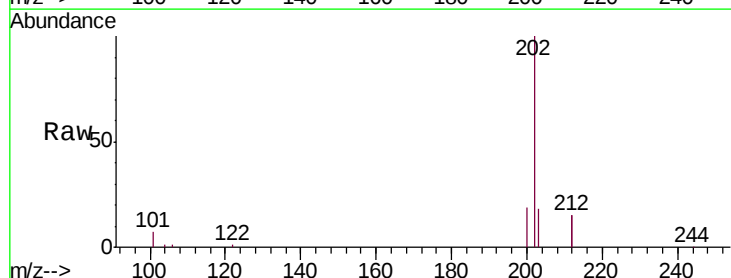
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:212 Resp: 68447
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.8 1.2



#26
 Fluoranthene
 Concen: 0.393 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BE099795.D
 Acq: 4 Jun 2019 19:14

Tgt Ion:202 Resp: 19355
 Ion Ratio Lower Upper
 202 100
 101 6.5 5.2 7.8
 203 17.2 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

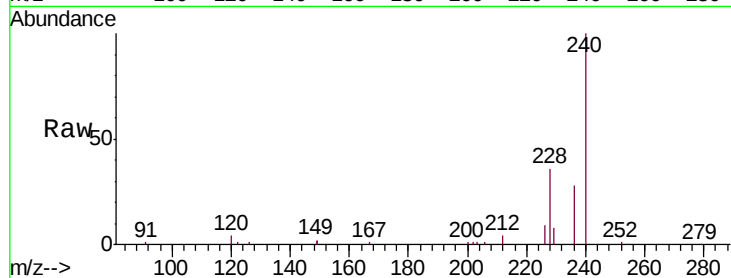
Tgt Ion:240 Resp: 20502

Ion Ratio Lower Upper

240 100

120 4.3 5.4 8.0#

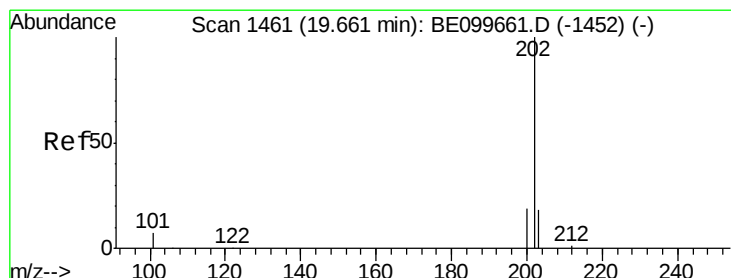
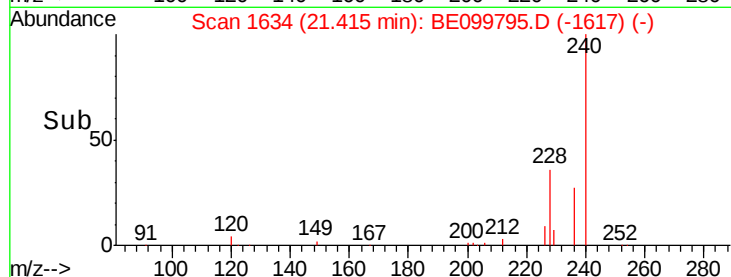
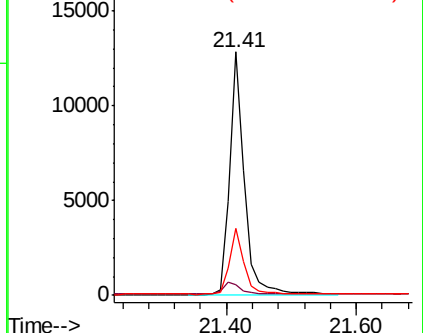
236 27.7 21.7 32.5



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: 0.391 ng

RT: 19.65 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

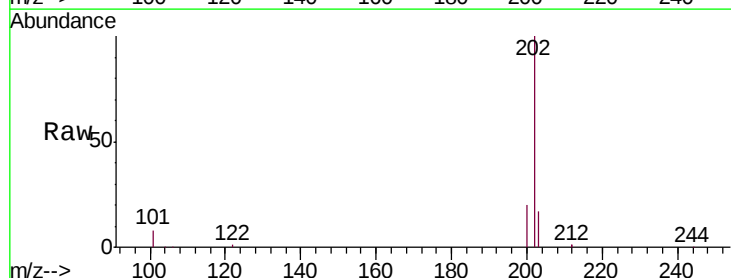
Tgt Ion:202 Resp: 20134

Ion Ratio Lower Upper

202 100

200 19.5 15.4 23.2

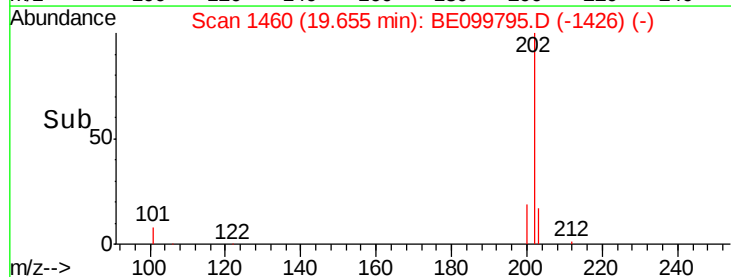
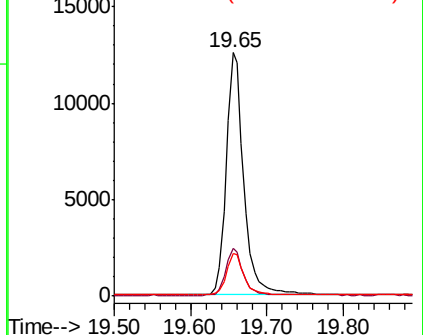
203 17.2 13.8 20.8

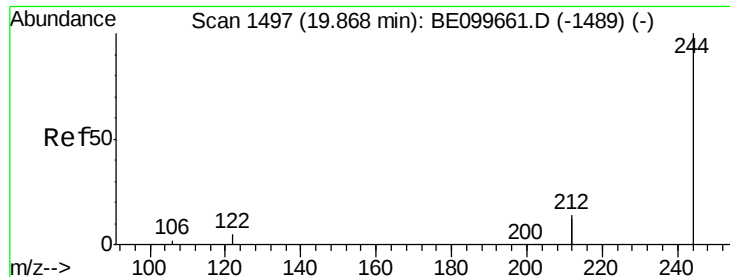


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.371 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

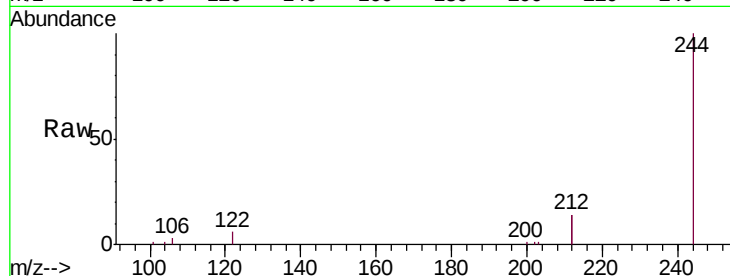
Tgt Ion:244 Resp: 13578

Ion Ratio Lower Upper

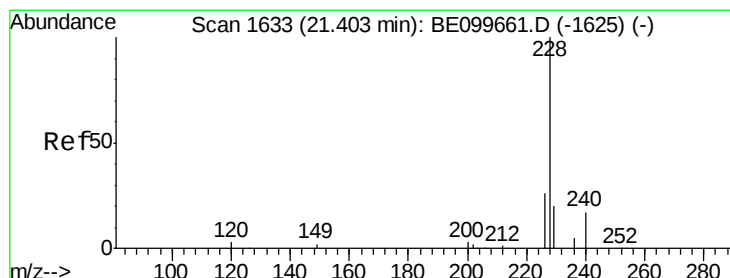
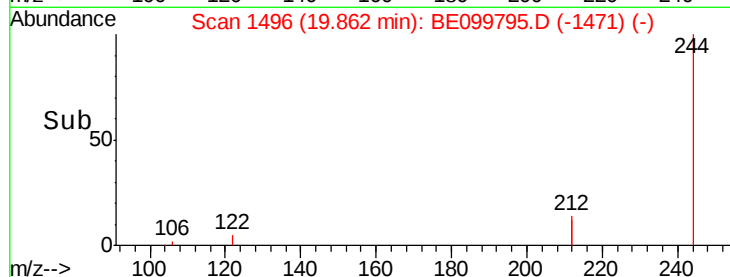
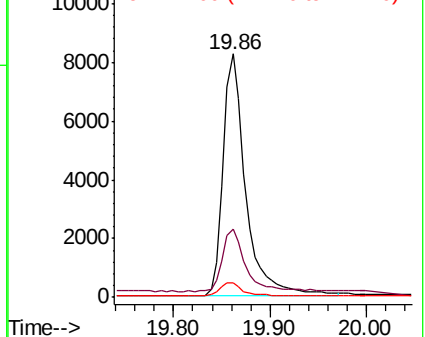
244 100

212 28.0 22.5 33.7

122 5.8 4.3 6.5



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: 0.385 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

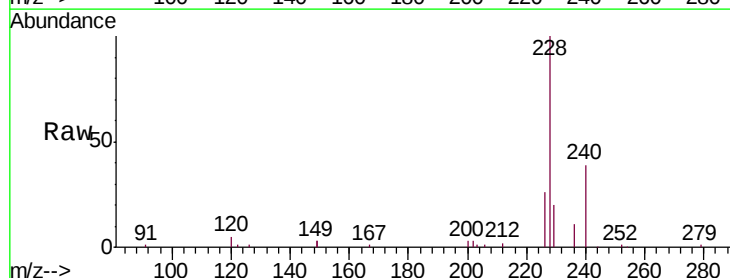
Tgt Ion:228 Resp: 22420

Ion Ratio Lower Upper

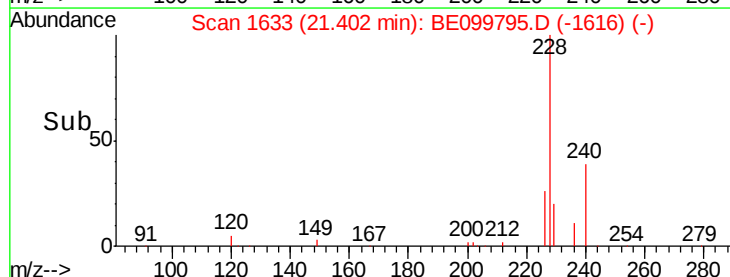
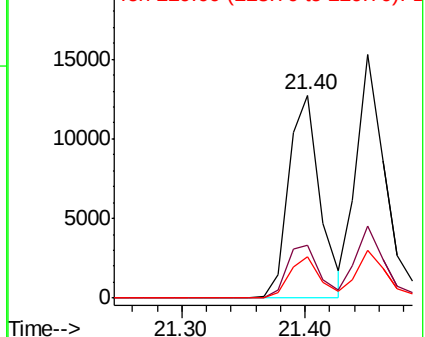
228 100

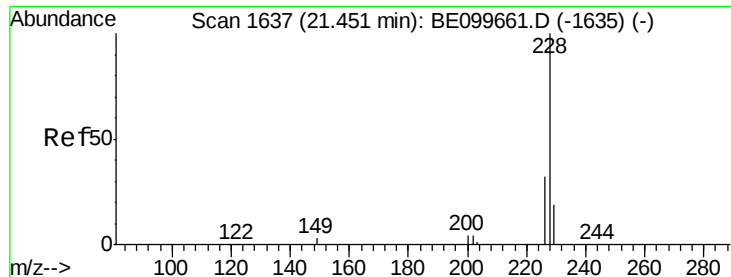
226 26.2 21.3 31.9

229 20.1 16.1 24.1



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: 0.384 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

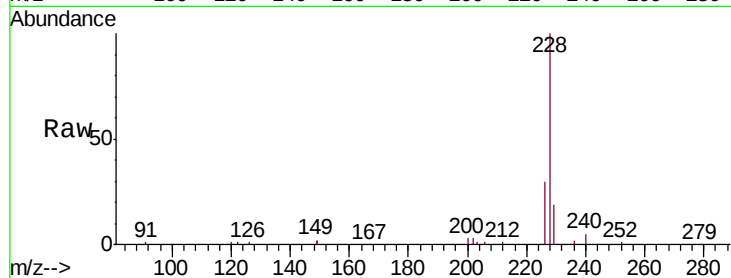
Tgt Ion:228 Resp: 23925

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

229 19.4 15.8 23.6

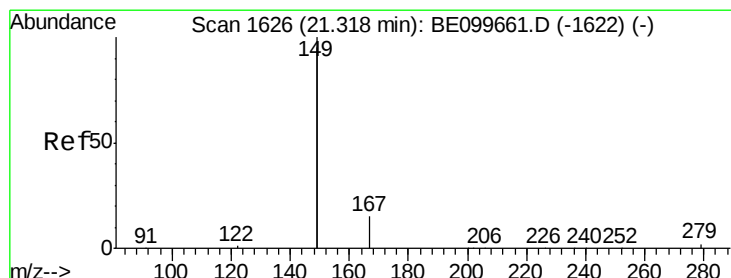
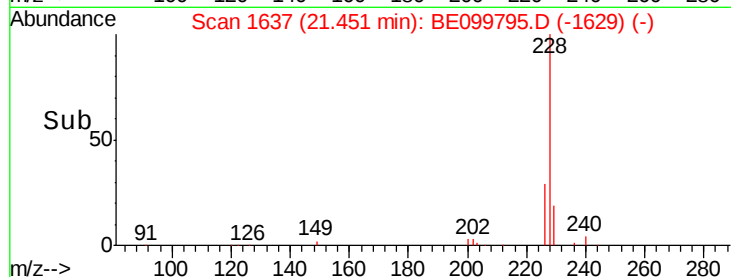
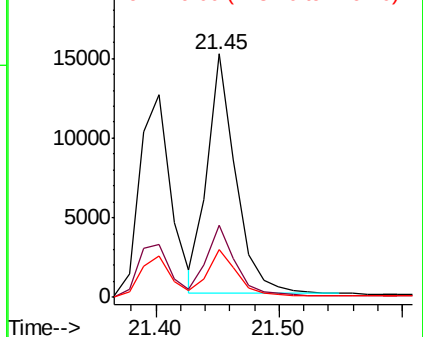


Abundance

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: 0.387 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

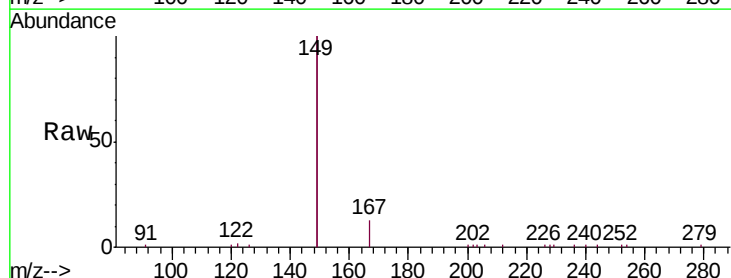
Tgt Ion:149 Resp: 26015

Ion Ratio Lower Upper

149 100

167 7.5 6.2 9.4

279 1.6 1.2 1.8

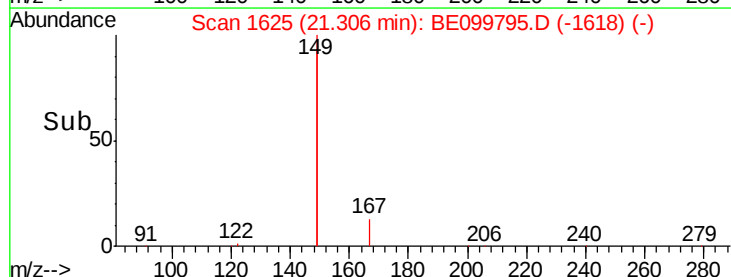
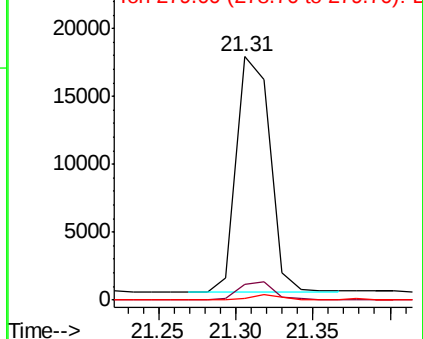


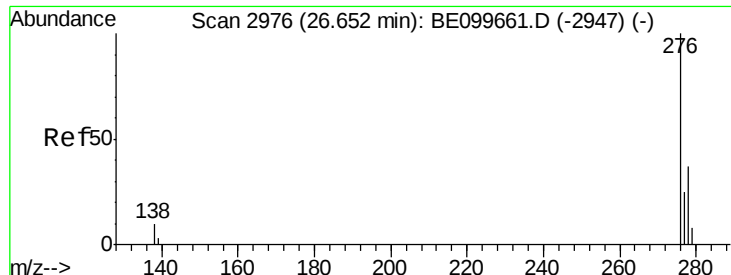
Abundance

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

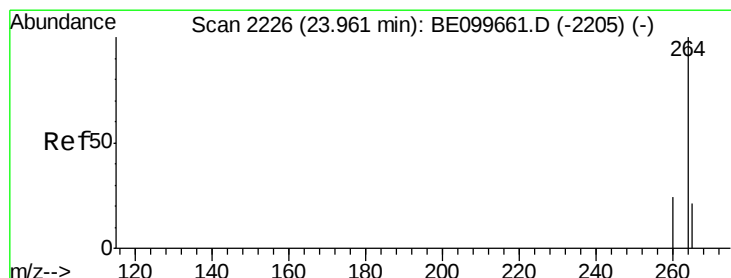
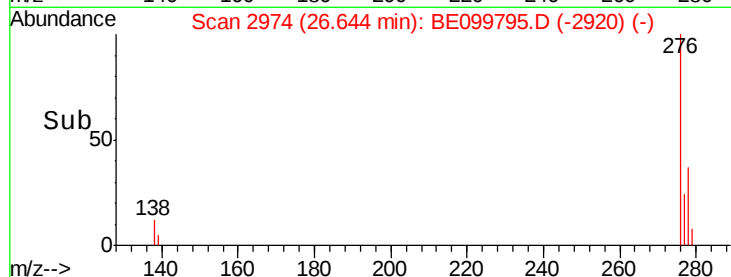
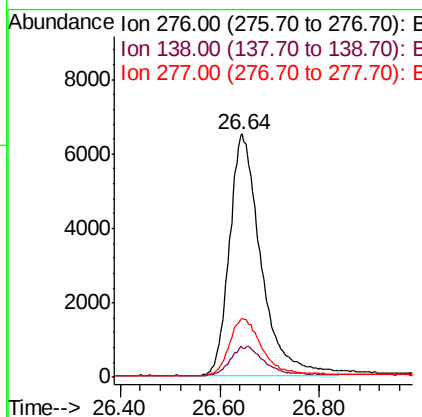
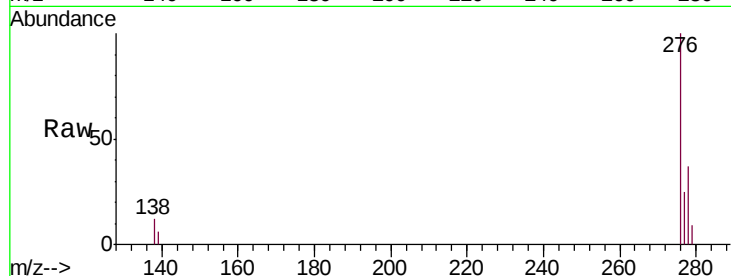




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.379 ng
 RT: 26.64 min Scan# 2974
 Delta R.T. -0.01 min
 Lab File: BE099795.D
 Acq: 4 Jun 2019 19:14

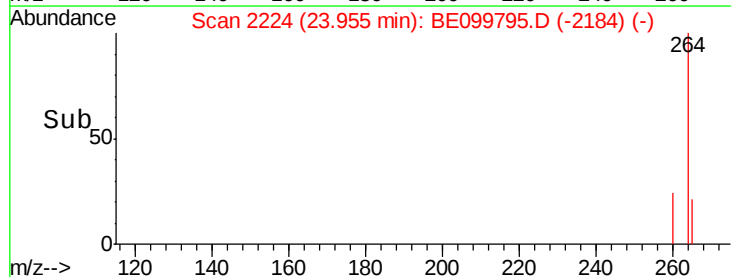
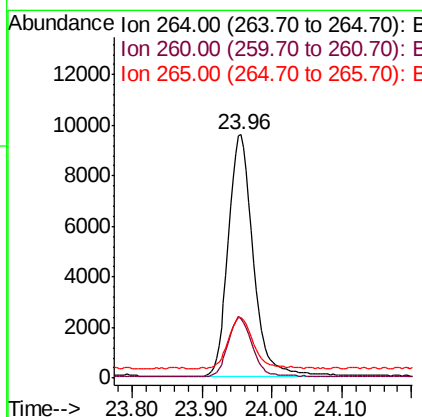
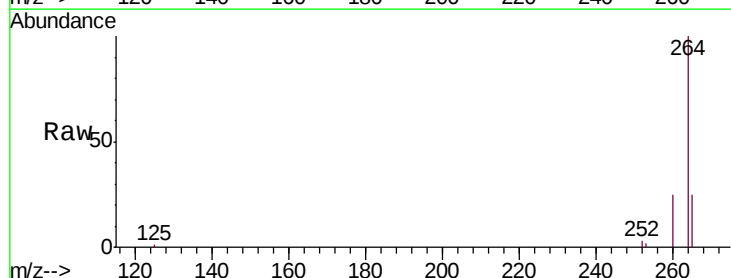
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

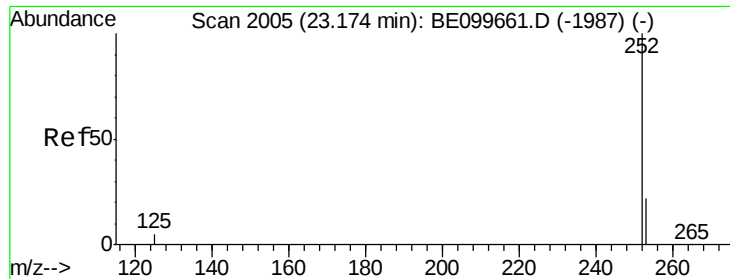
Tgt Ion: 276 Resp: 28513
 Ion Ratio Lower Upper
 276 100
 138 5.3 9.6 14.4#
 277 24.2 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BE099795.D
 Acq: 4 Jun 2019 19:14

Tgt Ion: 264 Resp: 23718
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 24.8 19.1 28.7





#35

Benzo(b)fluoranthene

Concen: 0.374 ng

RT: 23.22 min Scan# 2018

Delta R.T. 0.05 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

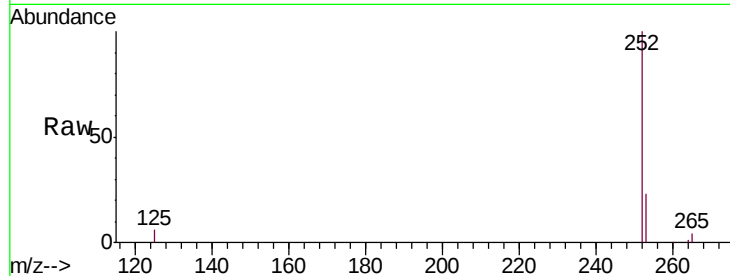
Tgt Ion:252 Resp: 24313

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

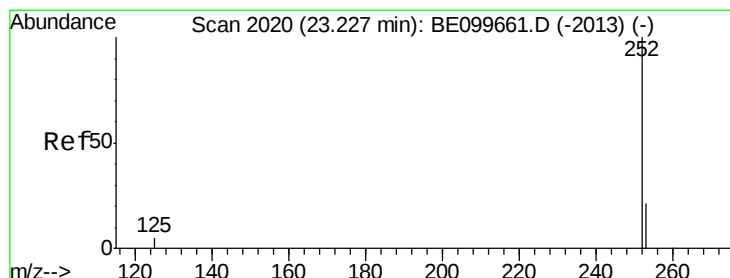
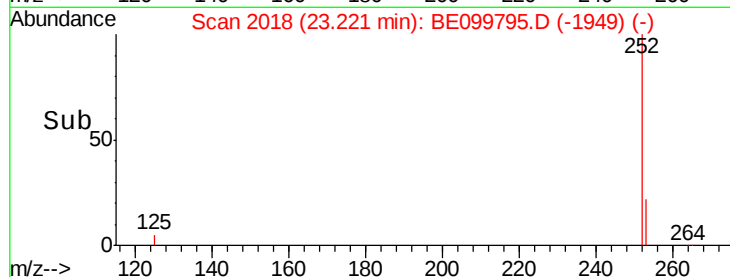
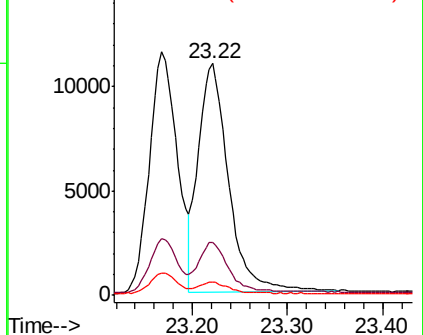
125 5.8 4.5 6.7



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



#36

Benzo(k)fluoranthene

Concen: 0.365 ng

RT: 23.22 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

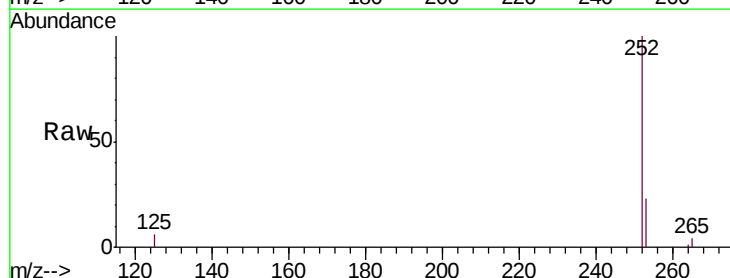
Tgt Ion:252 Resp: 24756

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

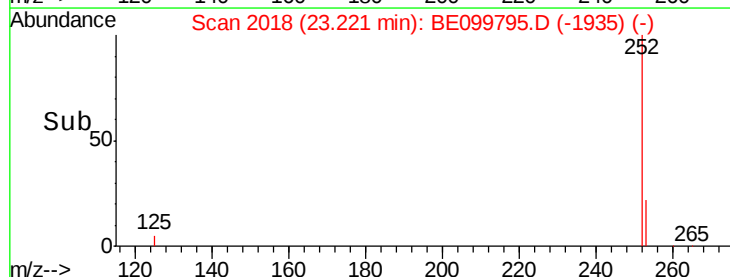
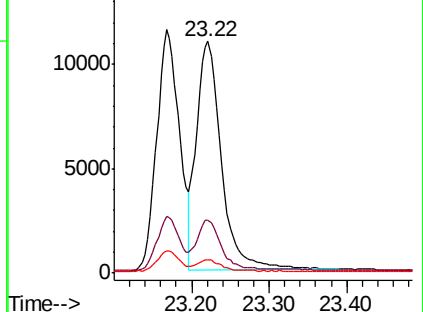
125 5.8 4.6 6.8



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





#37

Benzo(a)pyrene

Concen: 0.363 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

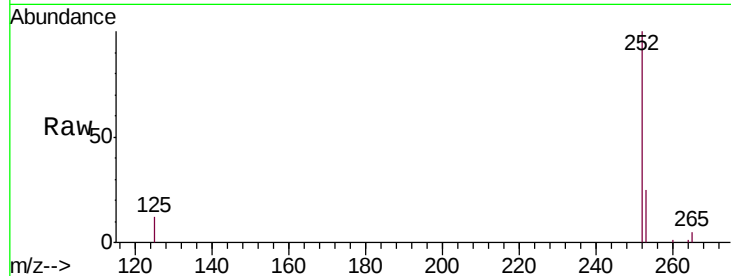
Tgt Ion: 252 Resp: 22730

Ion Ratio Lower Upper

252 100

253 24.7 18.9 28.3

125 12.3 5.4 8.0#

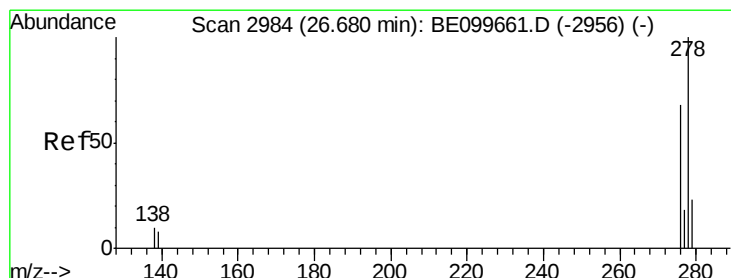
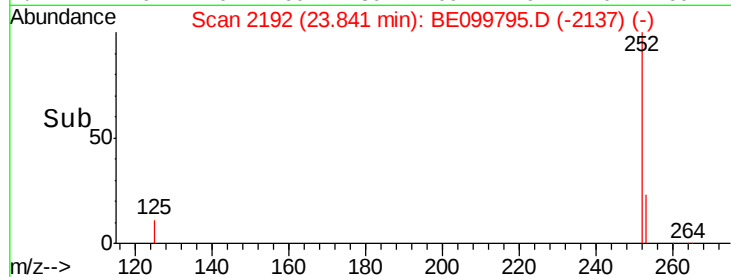
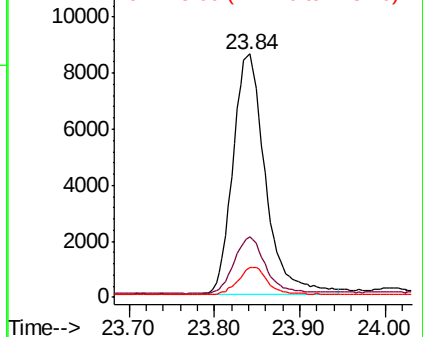


Abundance

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: 0.344 ng

RT: 26.67 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BE099795.D

Acq: 4 Jun 2019 19:14

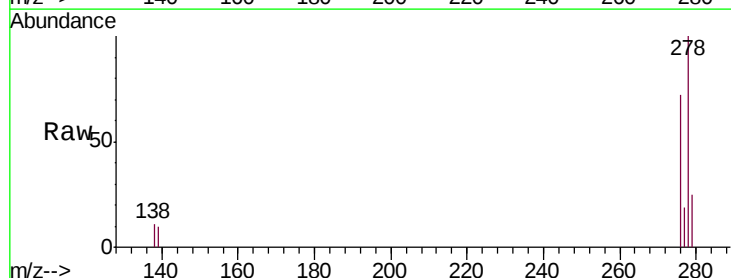
Tgt Ion: 278 Resp: 22618

Ion Ratio Lower Upper

278 100

139 10.0 6.9 10.3

279 25.0 19.2 28.8

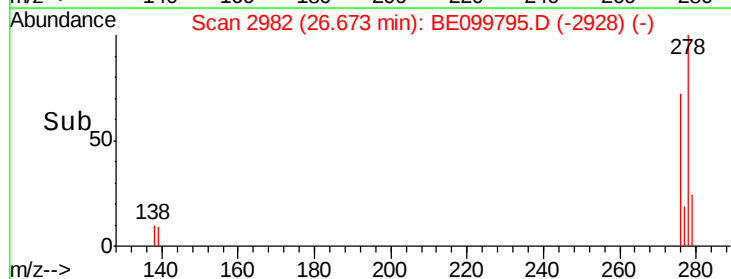
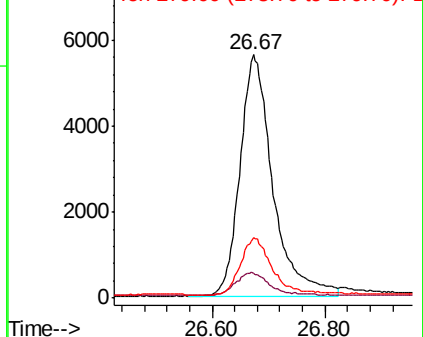


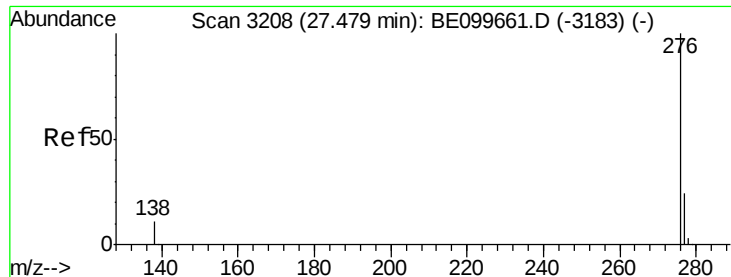
Abundance

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: 0.360 ng

RT: 27.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE099795.D

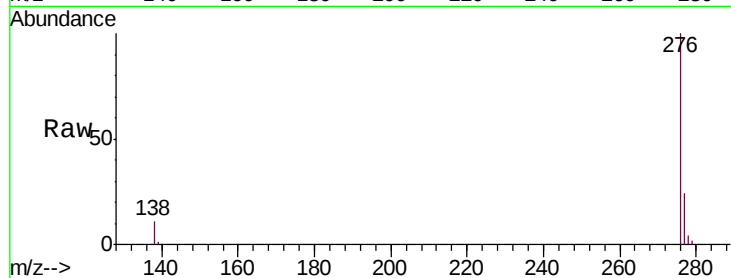
Acq: 4 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 23875

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.6

138 11.2 9.2 13.8

Abundance Ion 276.00 (275.70 to 276.70): E
8000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

