

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099871.D
 Acq On : 8 Jun 2019 2:17
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 08 04:35:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	637	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2401	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1775	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5749	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9924	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12161	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	723	0.34	ng	0.00
5) Phenol-d6	6.95	99	967	0.37	ng	0.00
8) Nitrobenzene-d5	8.96	82	900	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1647	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	488	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	2650	0.41	ng	-0.01
25) Fluoranthene-d10	19.25	212	34567	0.39	ng	0.00
29) Terphenyl-d14	19.85	244	7207	0.39	ng	0.00

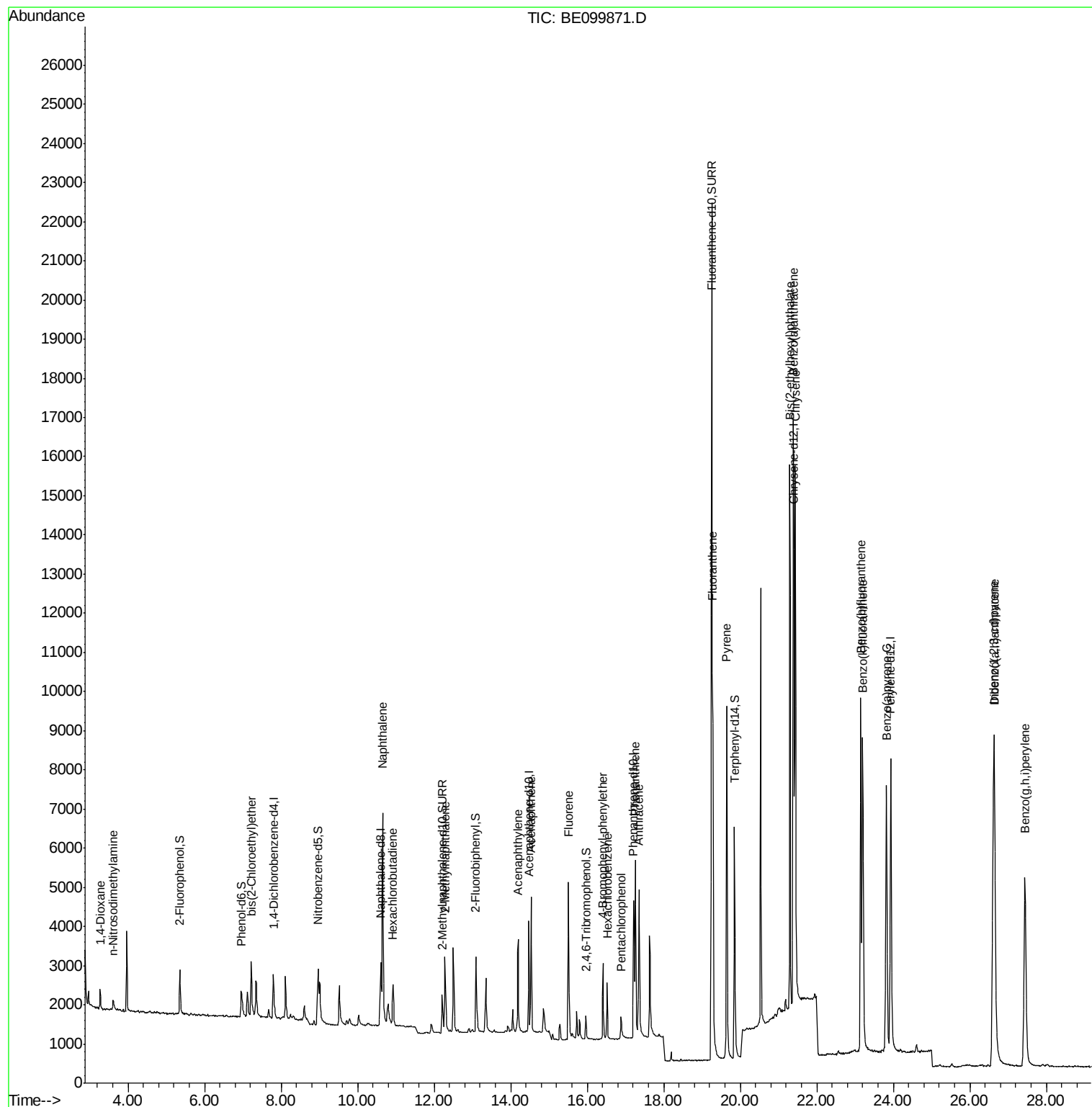
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	370	0.414	ng	98
3) n-Nitrosodimethylamine	3.60	42	209	0.344	ng	# 79
6) bis(2-Chloroethyl)ether	7.22	93	790	0.409	ng	90
9) Naphthalene	10.65	128	10379	0.398	ng	99
10) Hexachlorobutadiene	10.92	225	782	0.408	ng	97
12) 2-Methylnaphthalene	12.28	142	1654	0.373	ng	98
16) Acenaphthylene	14.20	152	3482	0.396	ng	99
17) Acenaphthene	14.53	154	1922	0.399	ng	98
18) Fluorene	15.51	166	2827	0.383	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	1317	0.400	ng	# 87
21) Hexachlorobenzene	16.52	284	1275	0.397	ng	# 92
22) Pentachlorophenol	16.88	266	567	0.699	ng	86
23) Phenanthrene	17.25	178	5671	0.398	ng	99
24) Anthracene	17.35	178	4918	0.360	ng	99
26) Fluoranthene	19.28	202	10044	0.399	ng	100
28) Pyrene	19.64	202	10503	0.400	ng	100
30) Benzo(a)anthracene	21.39	228	13056	0.414	ng	98
31) Chrysene	21.44	228	13608	0.439	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	17895	0.348	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	16656	0.442	ng	99
35) Benzo(b)fluoranthene	23.15	252	13467	0.399	ng	# 98
36) Benzo(k)fluoranthene	23.20	252	13816	0.409	ng	98
37) Benzo(a)pyrene	23.82	252	13128	0.401	ng	# 97
38) Dibenzo(a,h)anthracene	26.64	278	13391	0.400	ng	96
39) Benzo(g,h,i)perylene	27.44	276	13842	0.407	ng	99

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

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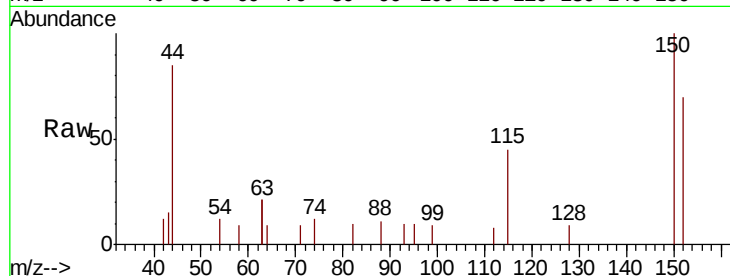


#1

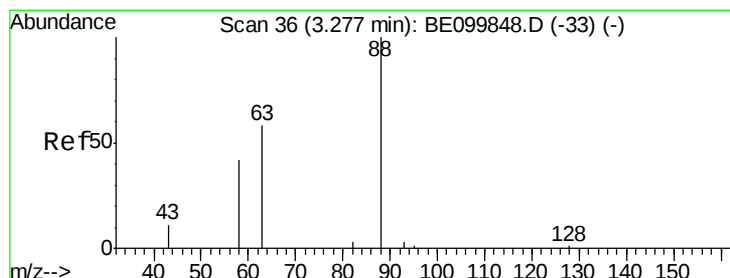
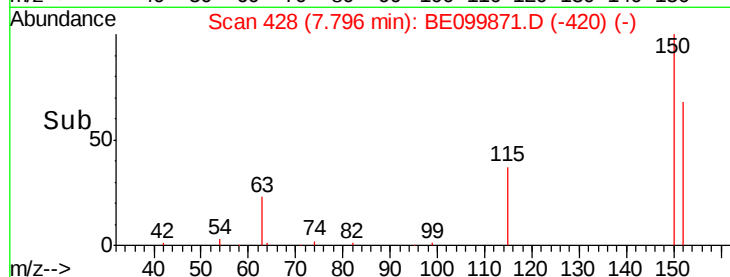
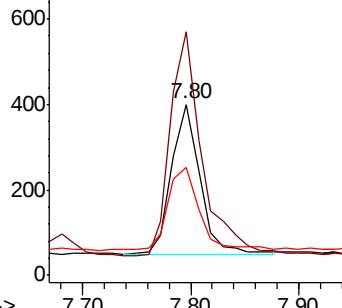
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099871.D
Acq: 8 Jun 2019 2:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 637
Ion Ratio Lower Upper
152 100
150 142.5 112.8 169.2
115 63.5 47.6 71.4



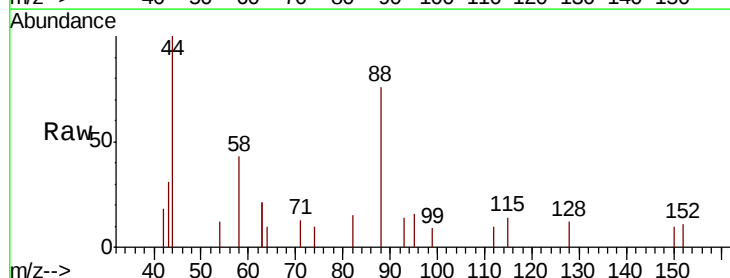
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



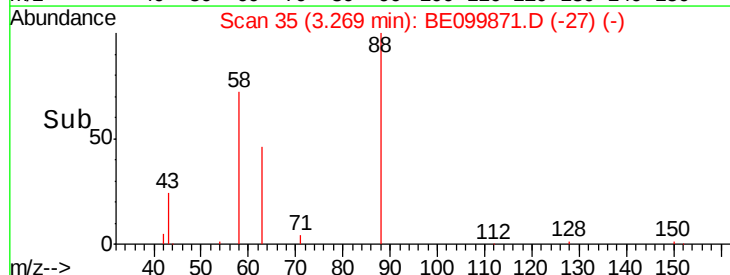
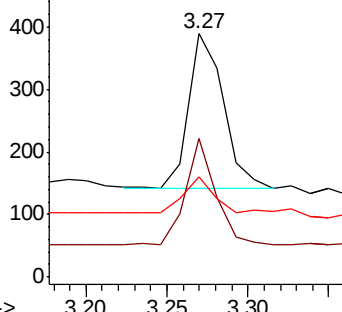
#2

1,4-Dioxane
Concen: 0.414 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.01 min
Lab File: BE099871.D
Acq: 8 Jun 2019 2:17

Tgt Ion: 88 Resp: 370
Ion Ratio Lower Upper
88 100
58 59.5 47.3 70.9
43 19.7 18.2 27.4



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: 0.344 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

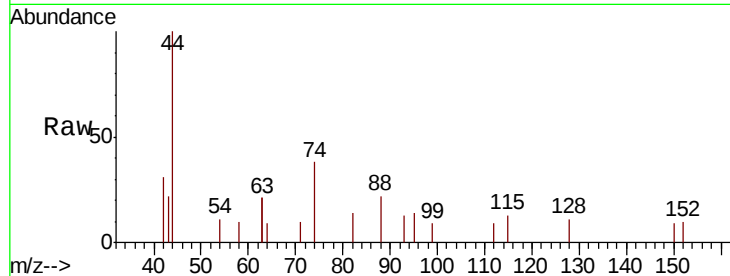
Tot Ion: 42 Resp: 209

Ion Ratio Lower Upper

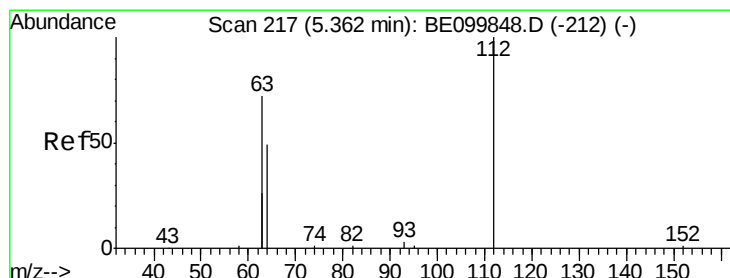
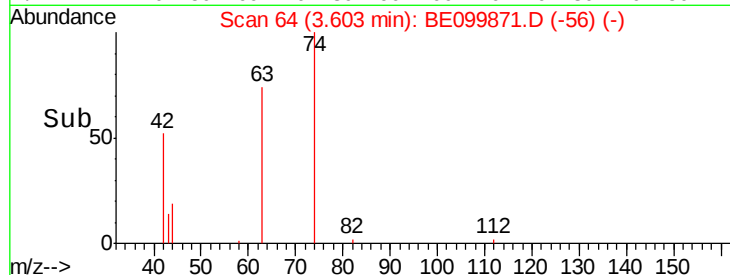
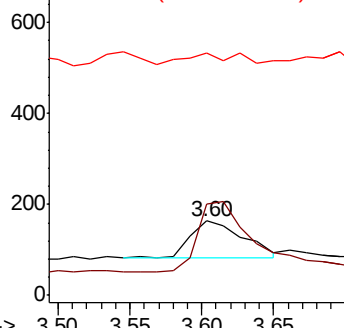
42 100

74 190.9 132.6 198.8

44 33.5 13.4 20.0#



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: 0.339 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

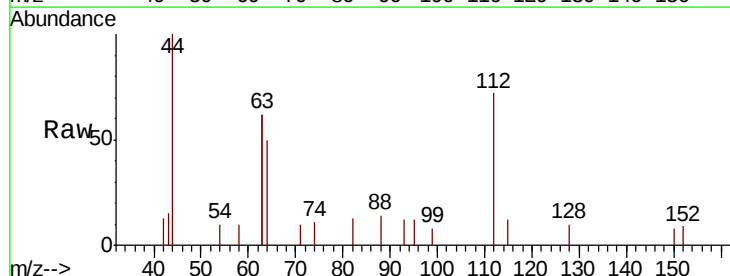
Tgt Ion: 112 Resp: 723

Ion Ratio Lower Upper

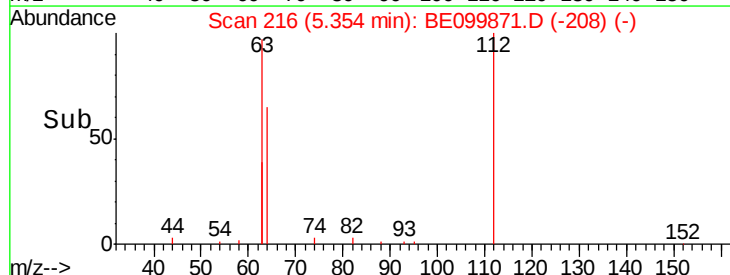
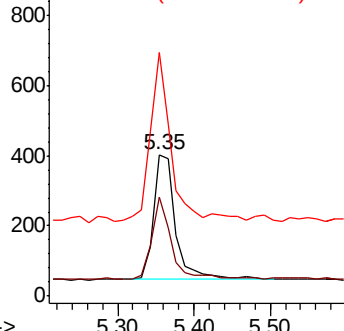
112 100

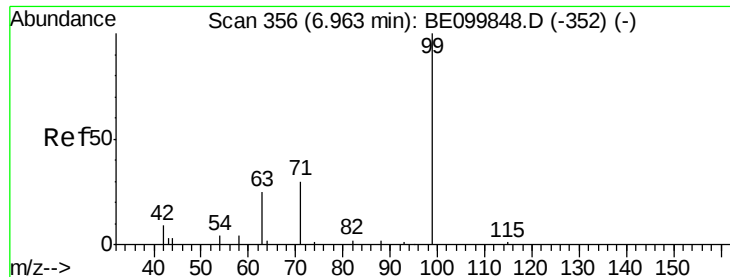
64 59.9 47.2 70.8

63 118.0 90.7 136.1



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: 0.368 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

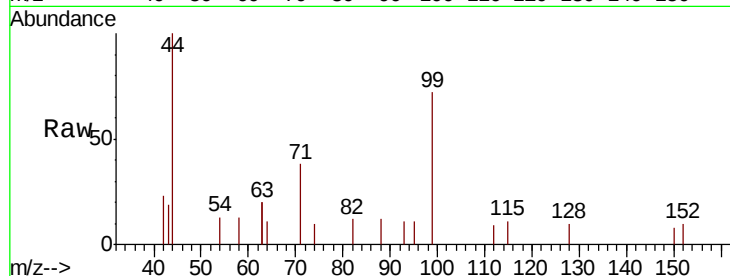
Tot Ion: 99 Resp: 967

Ion Ratio Lower Upper

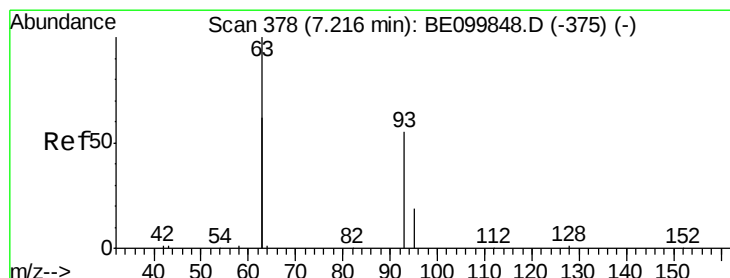
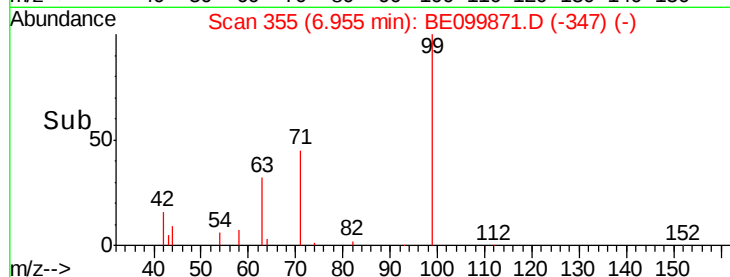
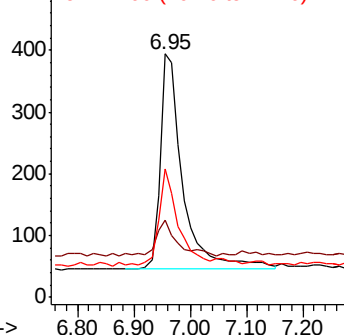
99 100

42 17.2 11.0 16.4#

71 36.5 26.1 39.1



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: 0.409 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

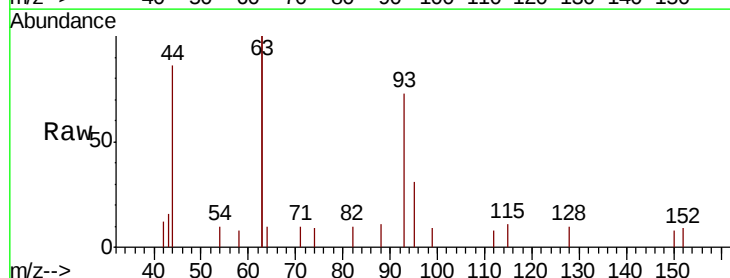
Tgt Ion: 93 Resp: 790

Ion Ratio Lower Upper

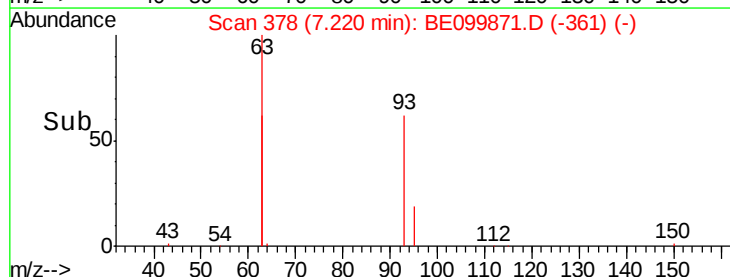
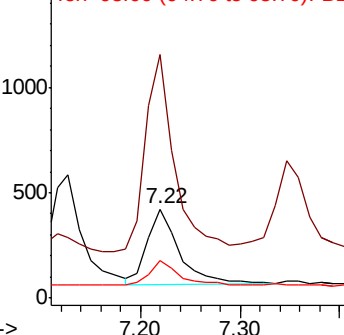
93 100

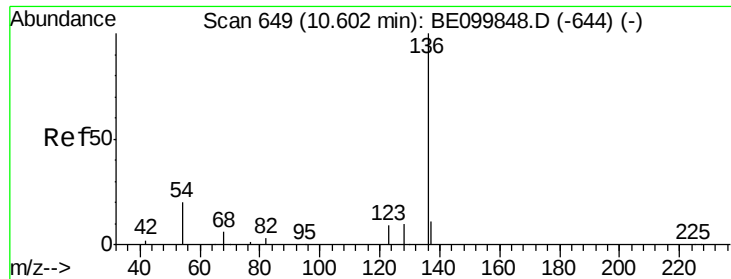
63 242.2 208.8 313.2

95 31.5 27.6 41.4



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 2401

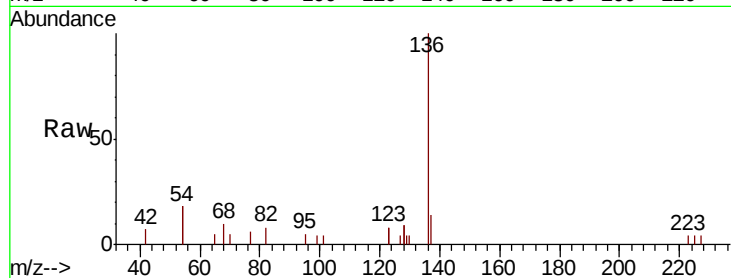
Ion Ratio Lower Upper

136 100

137 14.0 11.1 16.7

54 35.2 17.9 26.9#

68 9.9 5.4 8.0#

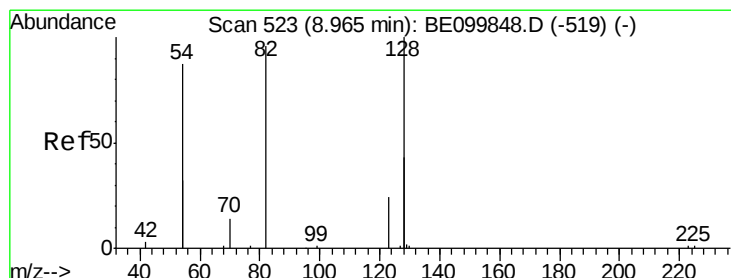
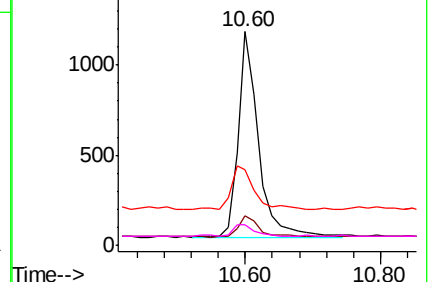
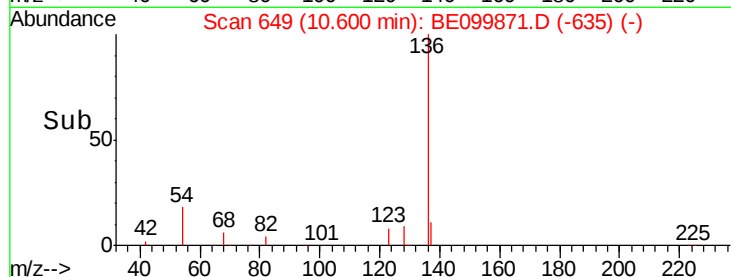


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

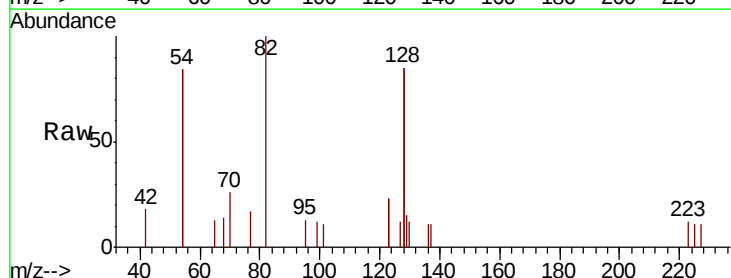
Tgt Ion: 82 Resp: 900

Ion Ratio Lower Upper

82 100

128 169.8 116.6 175.0

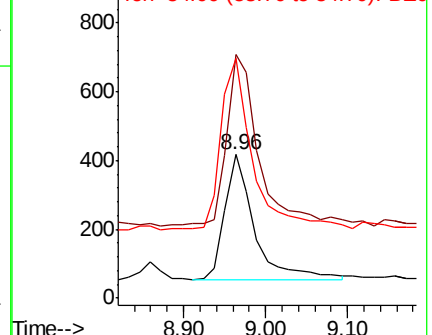
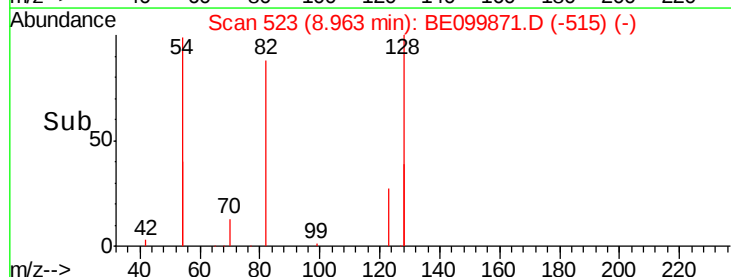
54 167.4 136.2 204.4

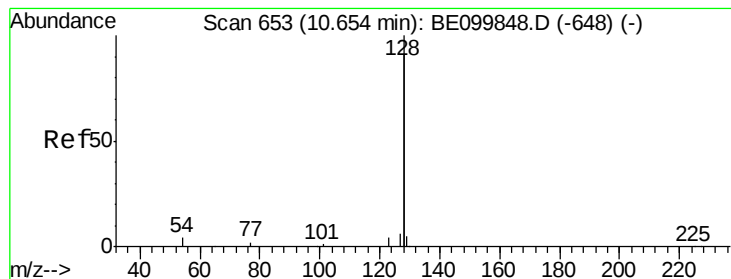


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.398 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

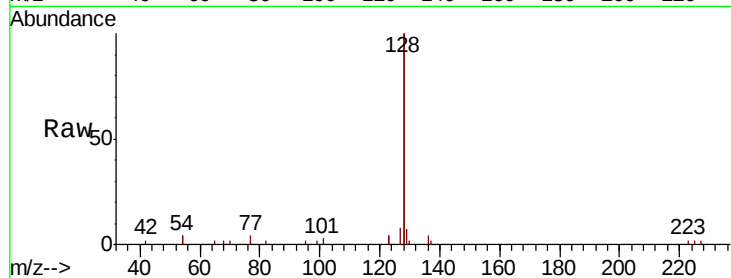
Tot Ion:128 Resp: 10379

Ion Ratio Lower Upper

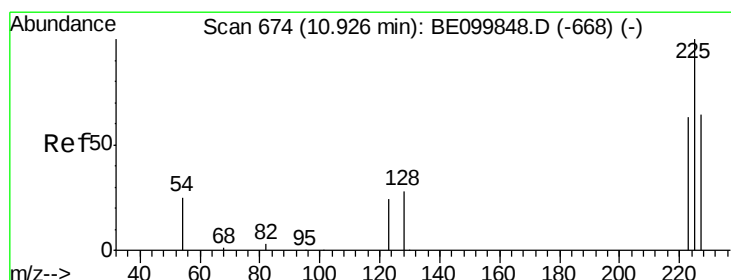
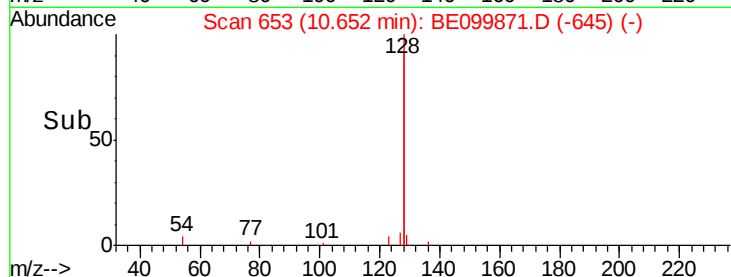
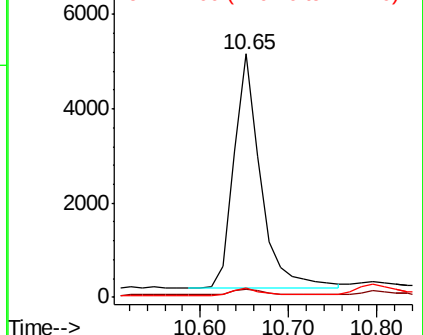
128 100

129 3.5 2.6 4.0

127 4.1 3.0 4.6



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: 0.408 ng

RT: 10.92 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

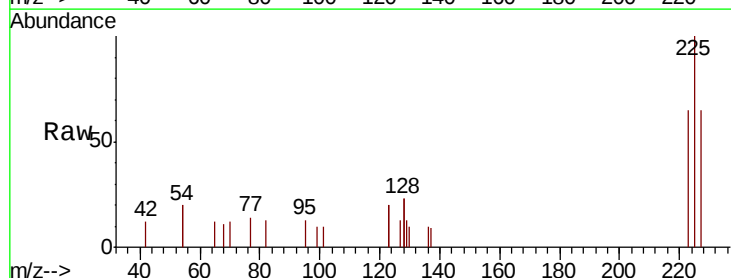
Tgt Ion:225 Resp: 782

Ion Ratio Lower Upper

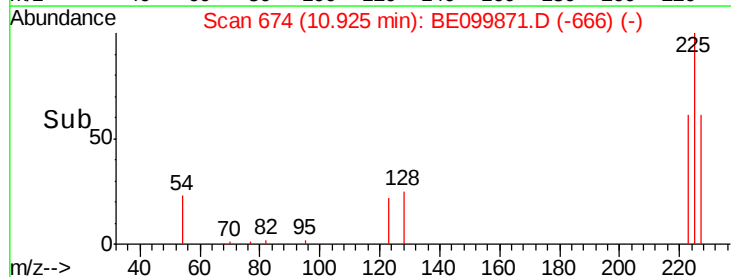
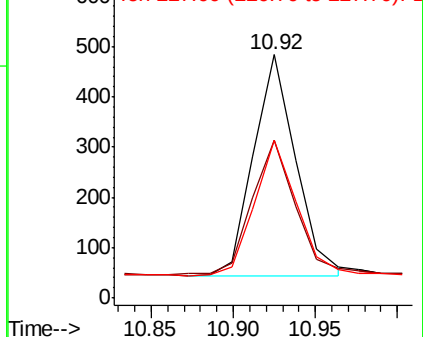
225 100

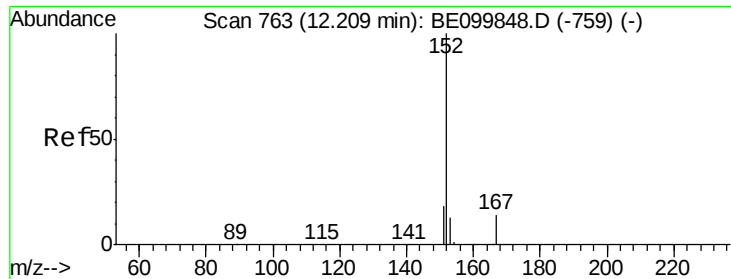
223 62.8 48.6 72.8

227 61.5 51.6 77.4



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

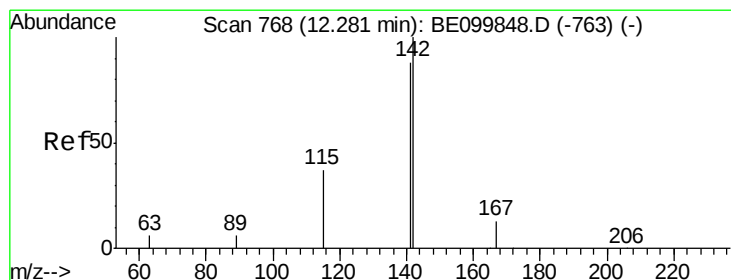
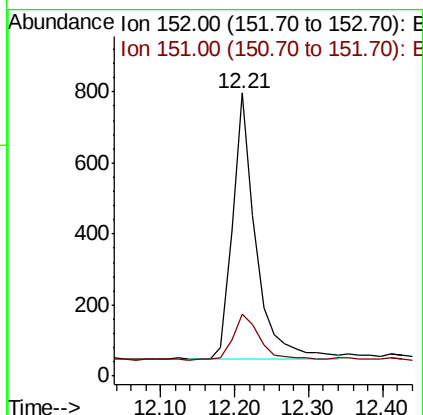
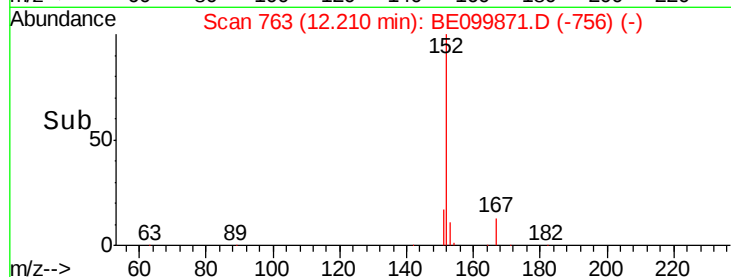
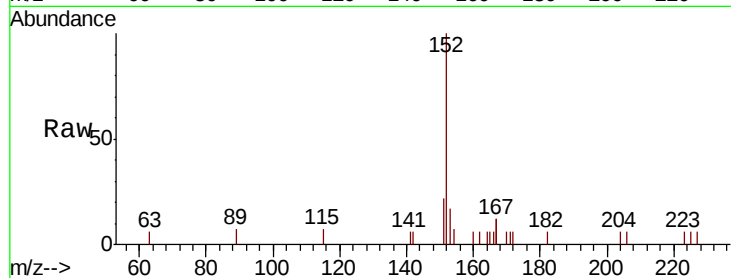




#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099871.D
Acq: 8 Jun 2019 2:17

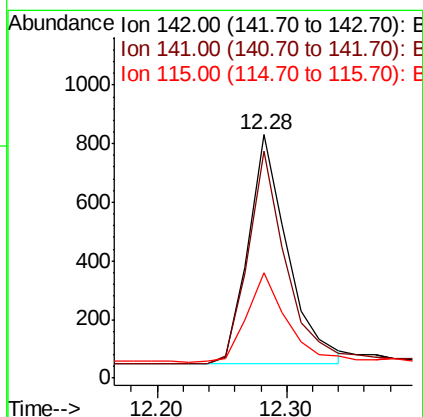
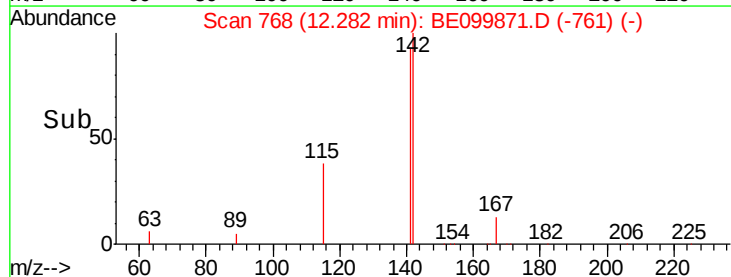
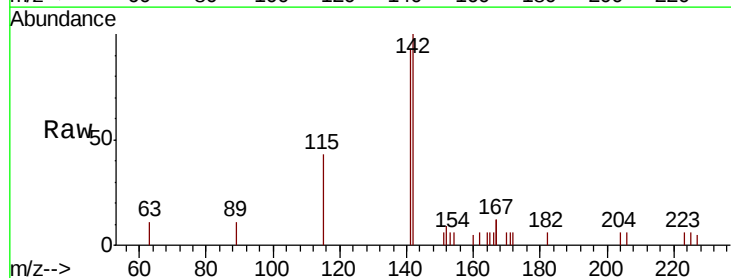
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

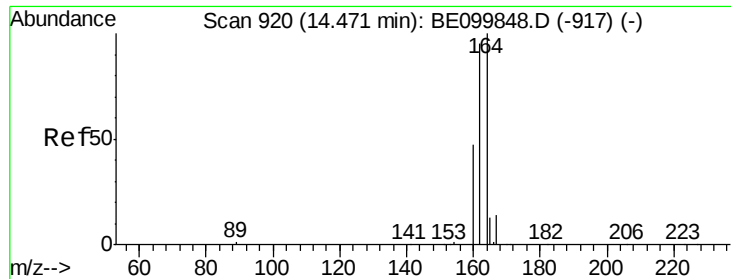
Tot Ion:152 Resp: 1647
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099871.D
Acq: 8 Jun 2019 2:17

Tgt Ion:142 Resp: 1654
Ion Ratio Lower Upper
142 100
141 93.3 73.3 109.9
115 43.1 33.4 50.2

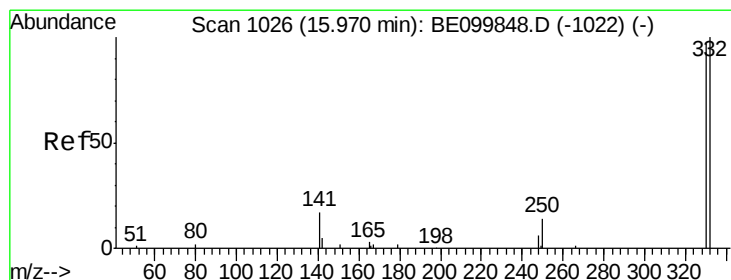
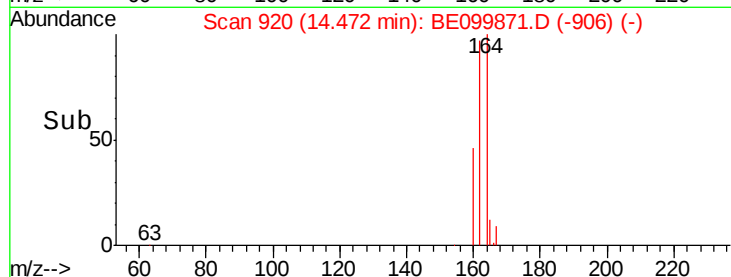
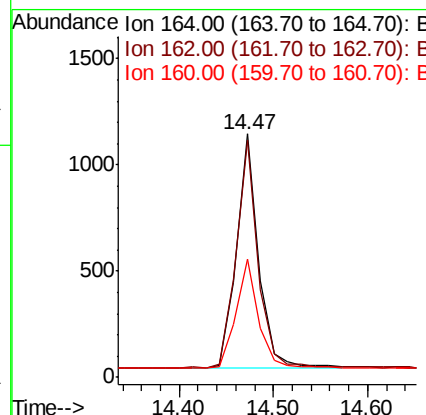
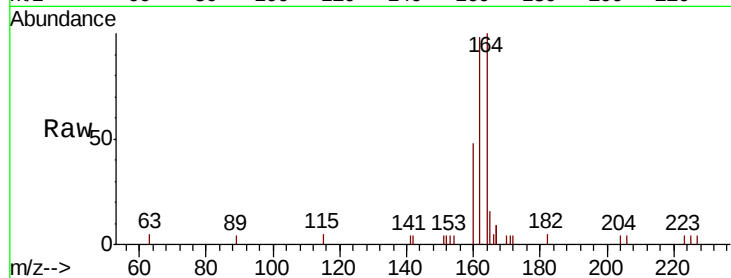




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099871.D
Acq: 8 Jun 2019 2:17

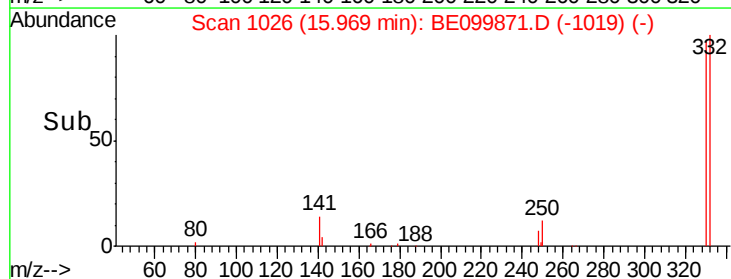
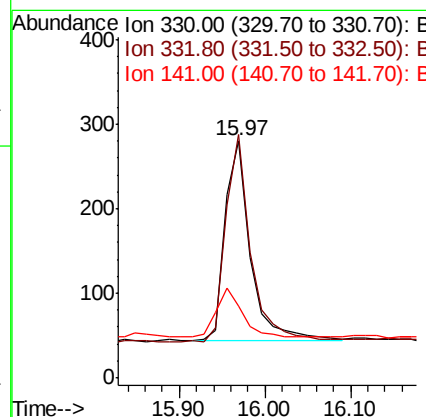
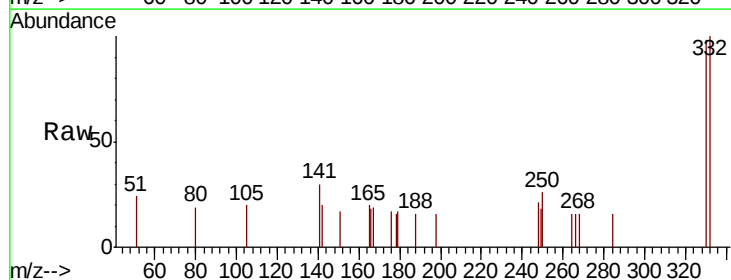
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

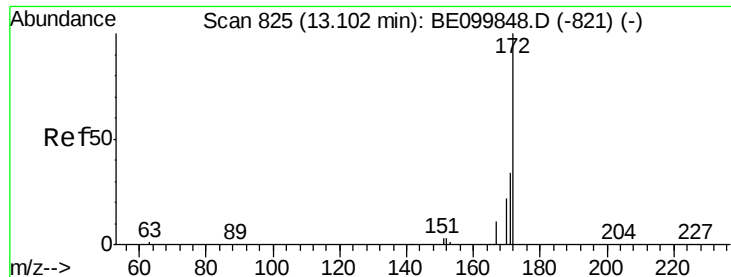
Tot Ion:164 Resp: 1775
Ion Ratio Lower Upper
164 100
162 97.6 77.2 115.8
160 48.4 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099871.D
Acq: 8 Jun 2019 2:17

Tgt Ion:330 Resp: 488
Ion Ratio Lower Upper
330 100
332 103.3 74.9 112.3
141 24.8 16.0 24.0#

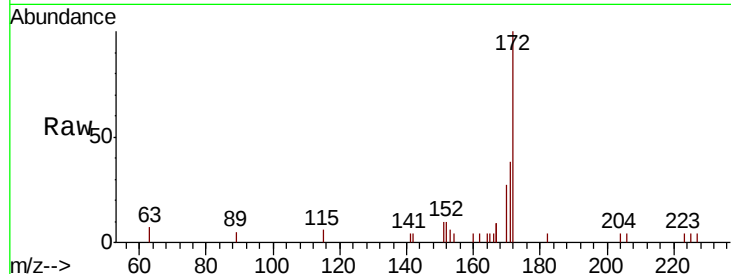




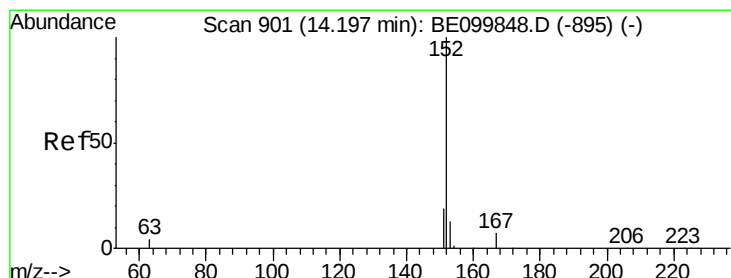
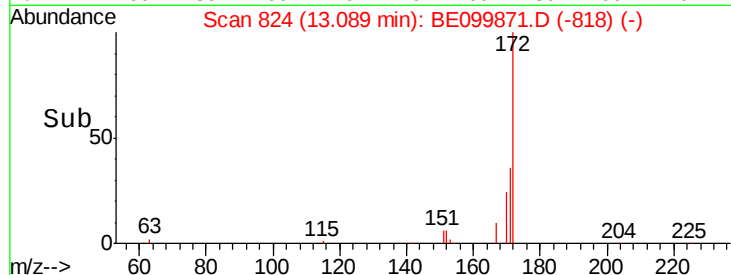
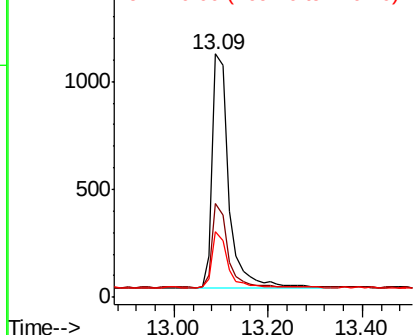
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099871.D
Acq: 8 Jun 2019 2:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 2650
Ion Ratio Lower Upper
172 100
171 38.5 30.2 45.4
170 27.1 20.1 30.1

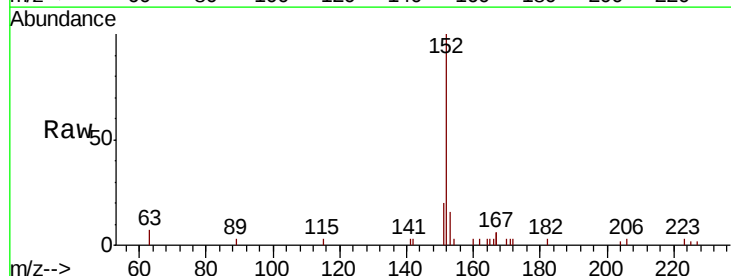


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

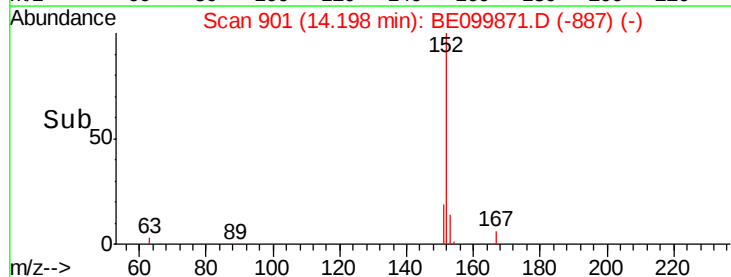
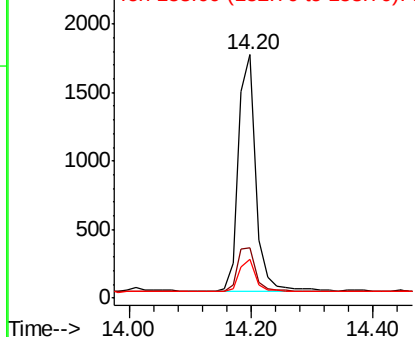


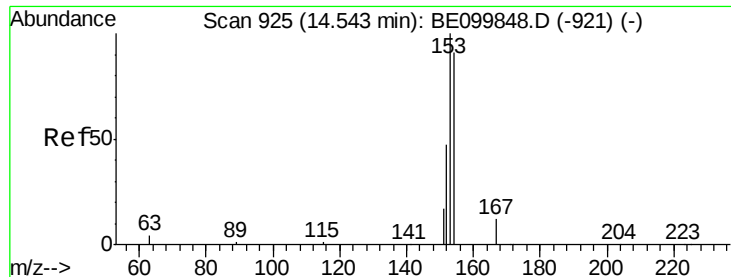
#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099871.D
Acq: 8 Jun 2019 2:17

Tgt Ion:152 Resp: 3482
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.1 10.8 16.2



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: 0.399 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

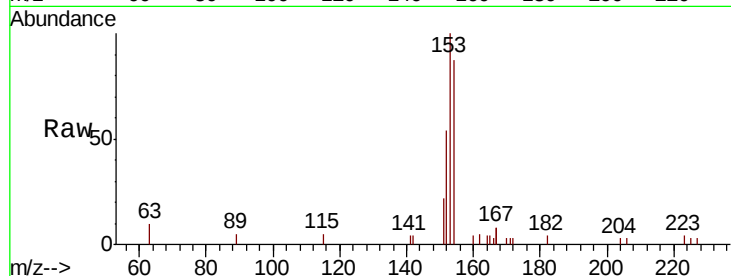
Tot Ion:154 Resp: 1922

Ion Ratio Lower Upper

154 100

153 114.9 93.8 140.6

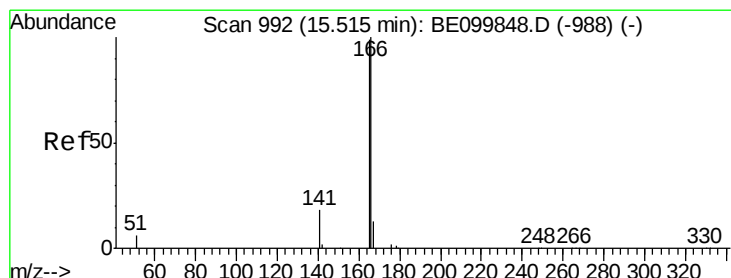
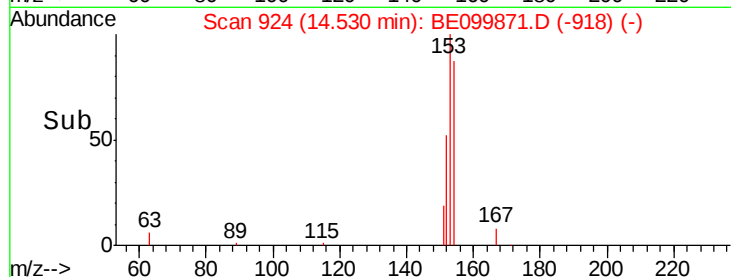
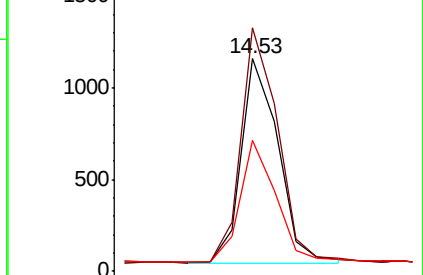
152 58.8 48.3 72.5



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: 0.383 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

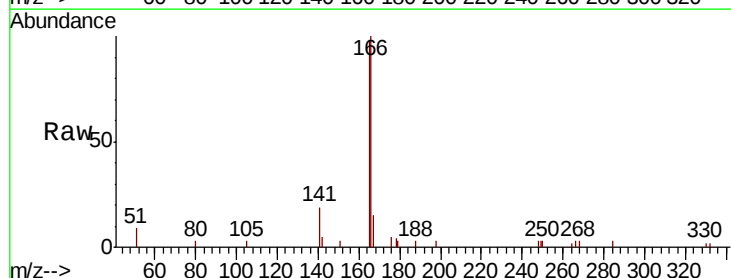
Tgt Ion:166 Resp: 2827

Ion Ratio Lower Upper

166 100

165 100.1 80.4 120.6

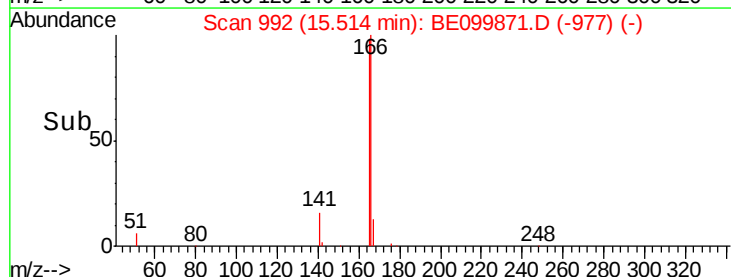
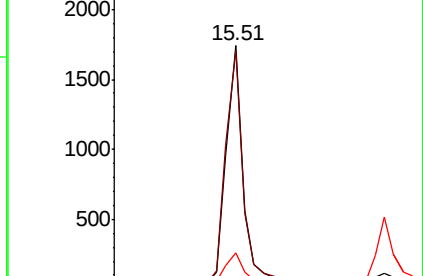
167 13.5 10.7 16.1

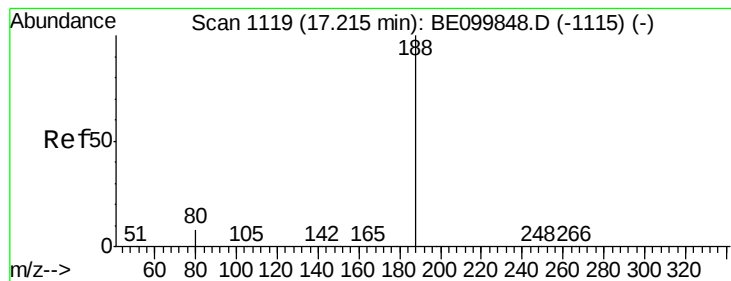


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

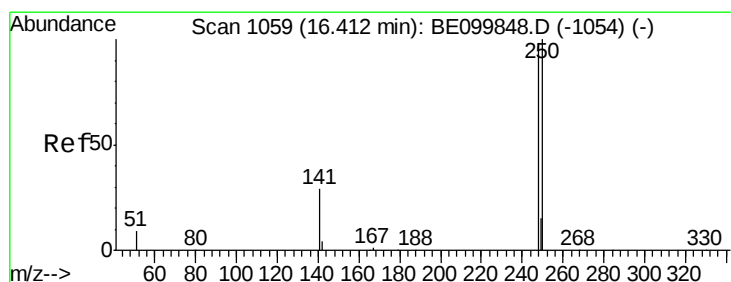
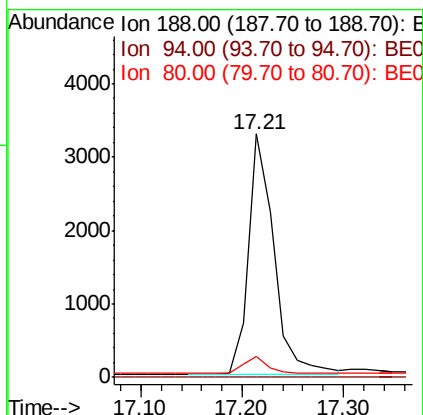
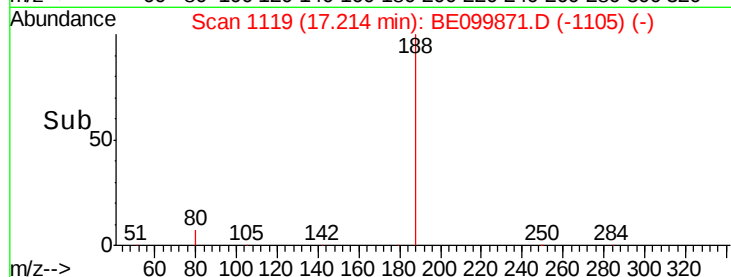
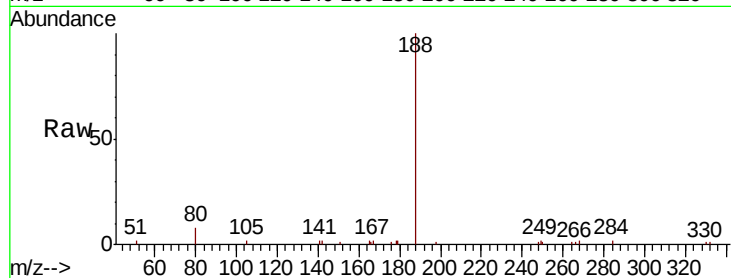
Tot Ion:188 Resp: 5749

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

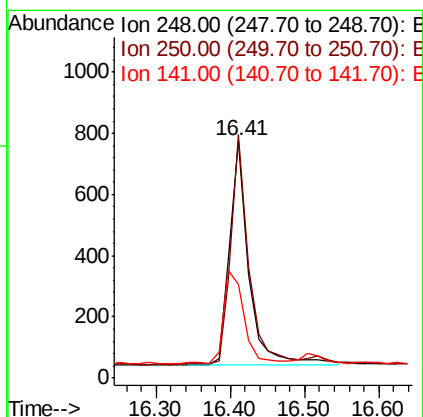
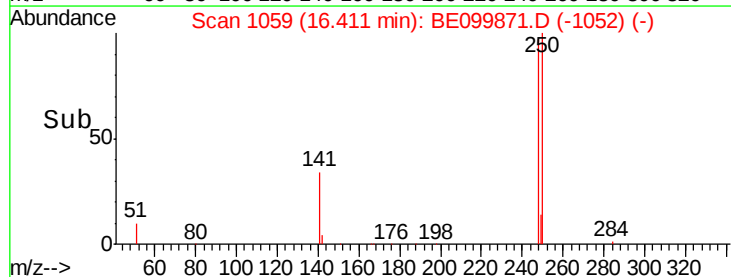
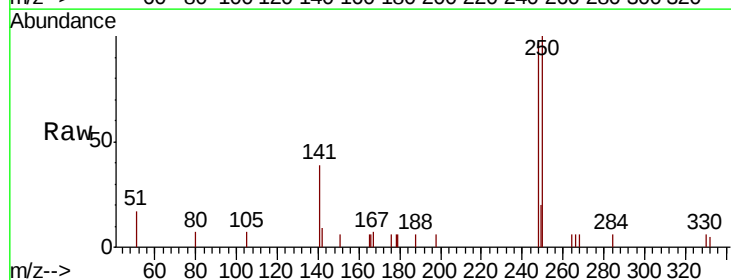
Tgt Ion:248 Resp: 1317

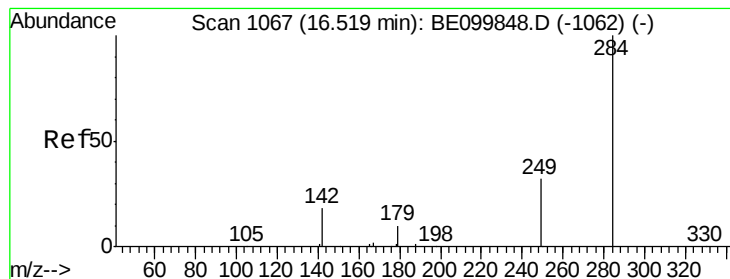
Ion Ratio Lower Upper

248 100

250 102.6 73.7 110.5

141 39.6 40.9 61.3#





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

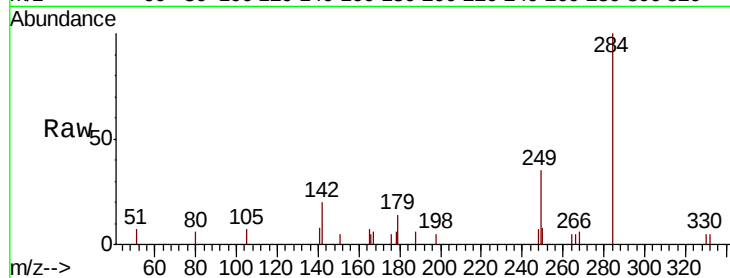
Tot Ion:284 Resp: 1275

Ion Ratio Lower Upper

284 100

142 24.5 16.2 24.4#

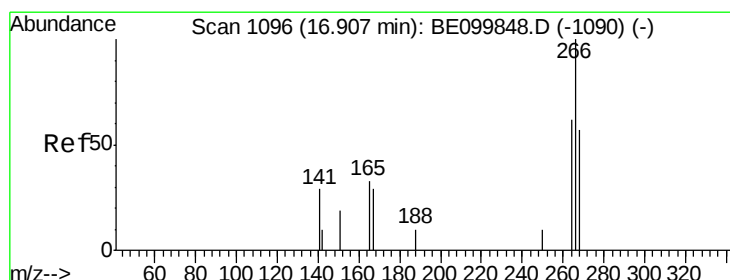
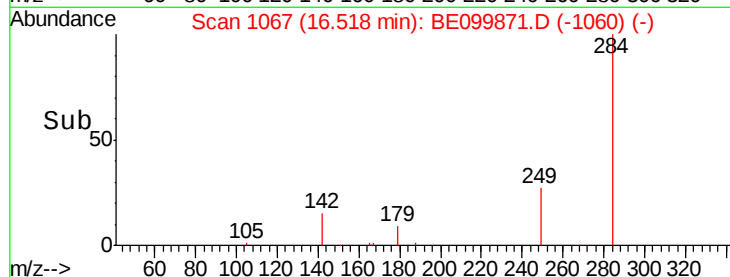
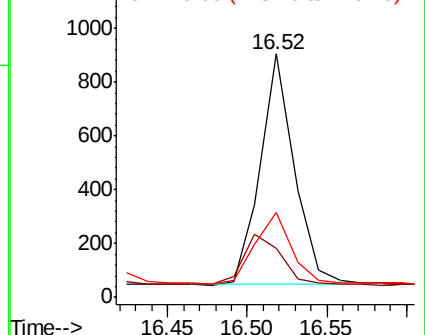
249 32.6 23.1 34.7



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: 0.699 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

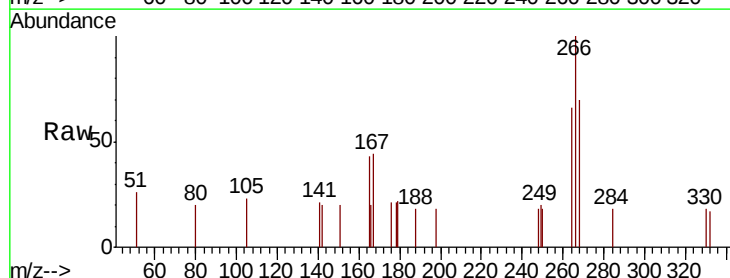
Tgt Ion:266 Resp: 567

Ion Ratio Lower Upper

266 100

264 66.0 64.9 97.3

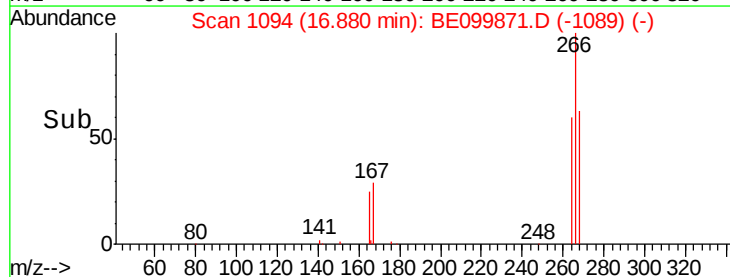
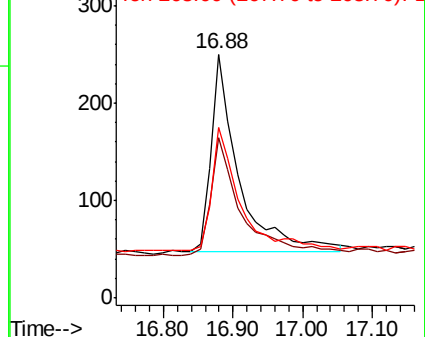
268 70.0 64.0 96.0

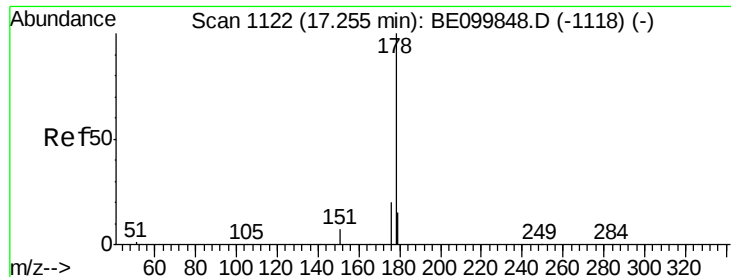


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.398 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

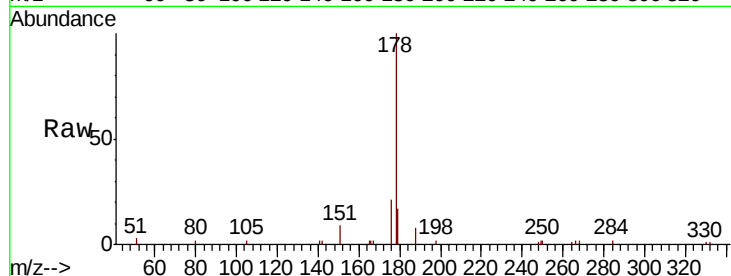
Tot Ion:178 Resp: 5671

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

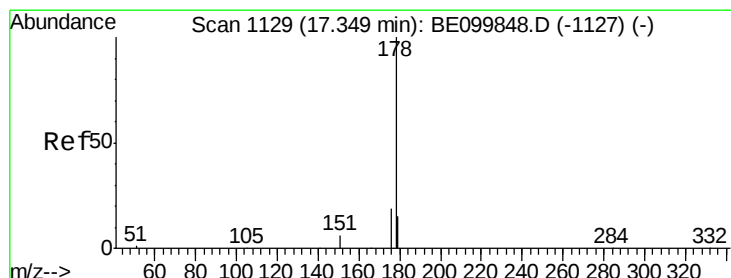
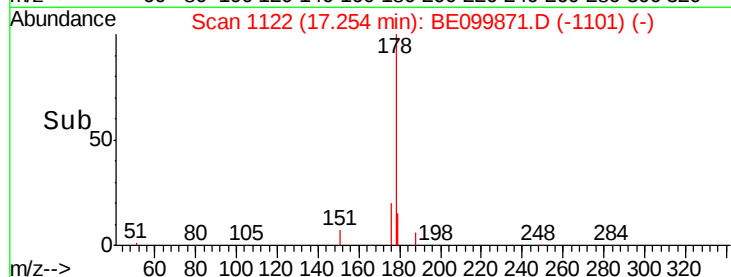
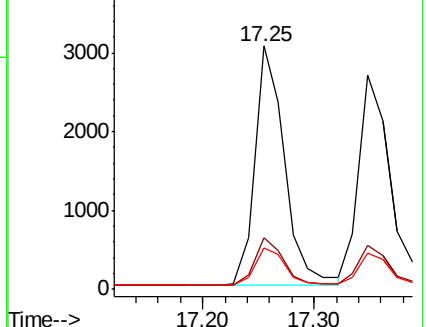
179 16.0 12.5 18.7



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: 0.360 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

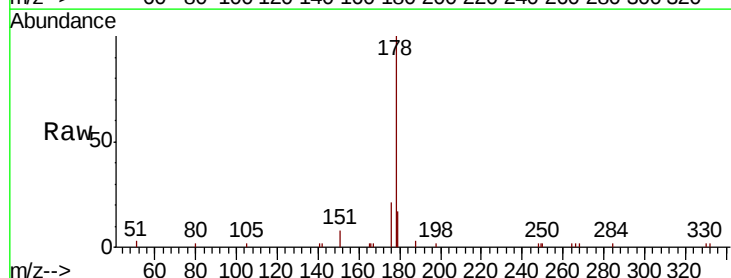
Tgt Ion:178 Resp: 4918

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

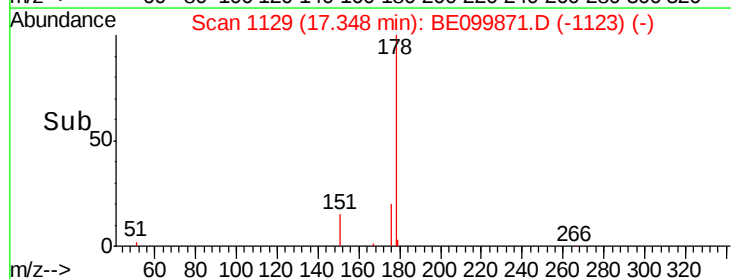
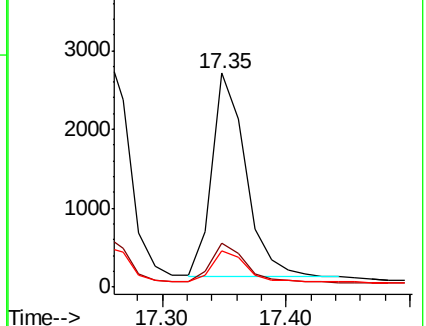
179 15.1 12.1 18.1

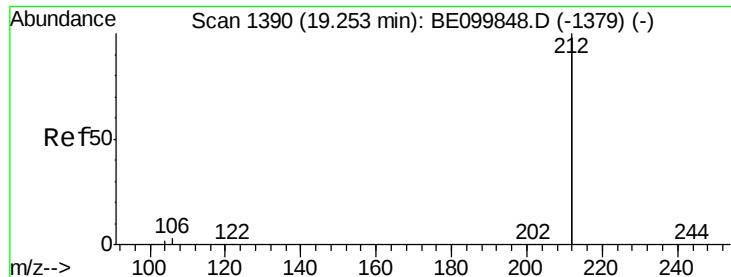


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

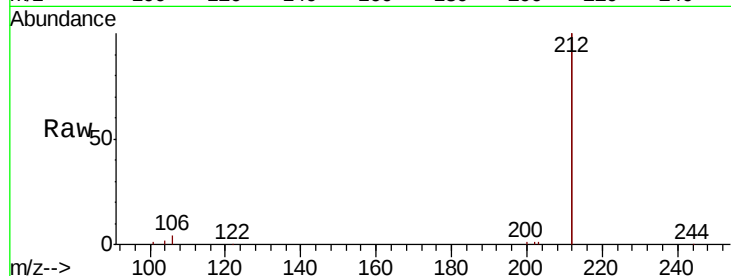
Tot Ion:212 Resp: 34567

Ion Ratio Lower Upper

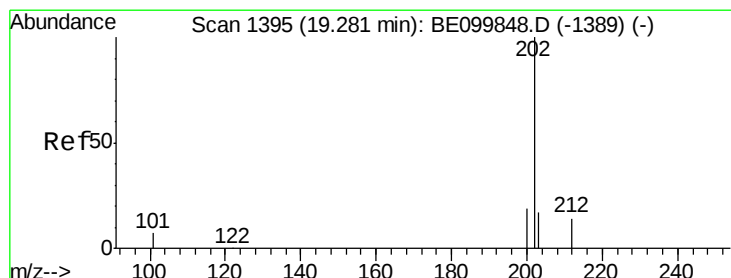
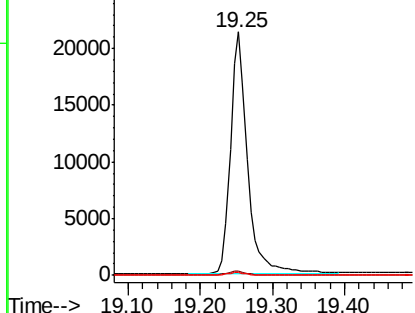
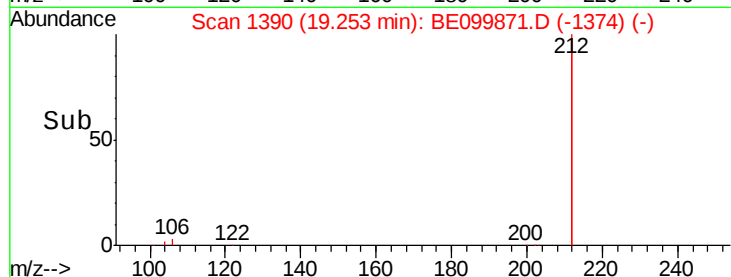
212 100

106 1.8 1.4 2.0

104 1.0 0.8 1.2



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: 0.399 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

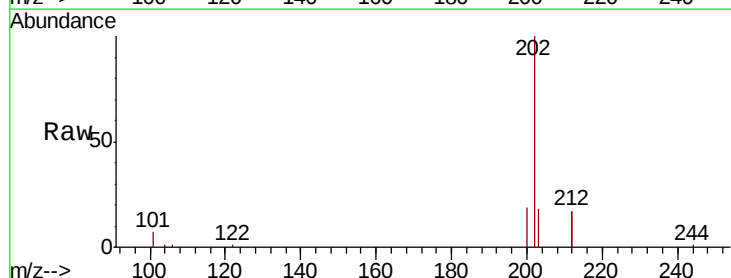
Tgt Ion:202 Resp: 10044

Ion Ratio Lower Upper

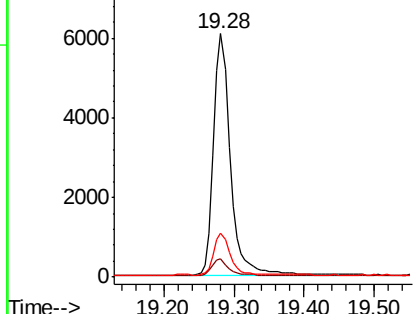
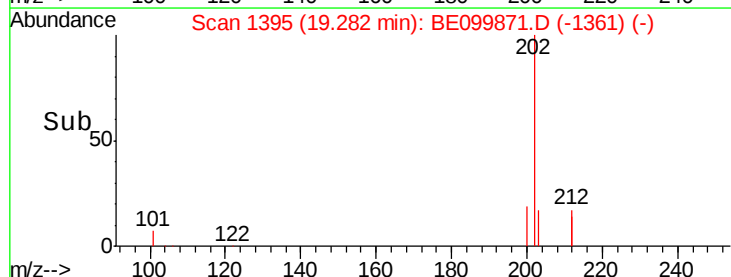
202 100

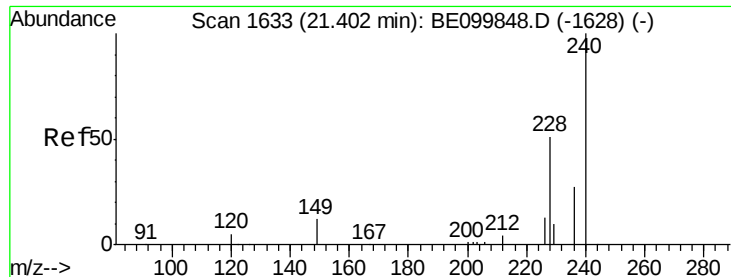
101 6.6 5.2 7.8

203 16.9 13.6 20.4



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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

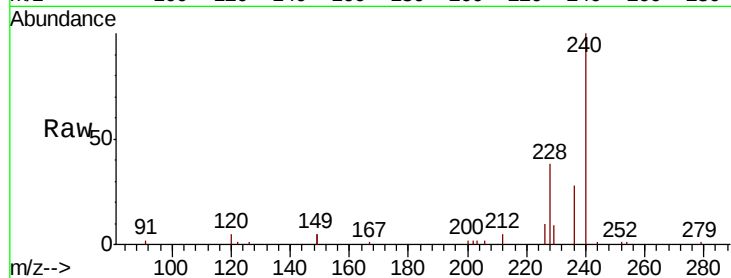
Tot Ion:240 Resp: 9924

Ion Ratio Lower Upper

240 100

120 4.9 2.8 4.2#

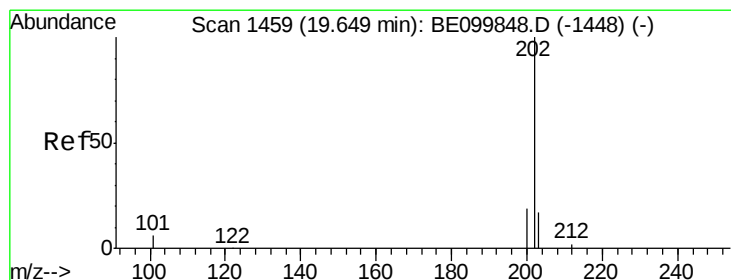
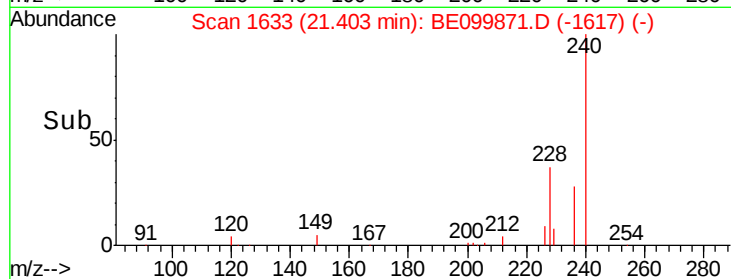
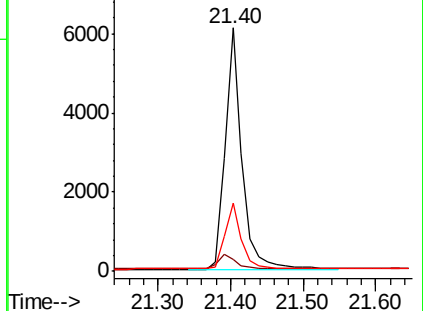
236 28.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.400 ng

RT: 19.64 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

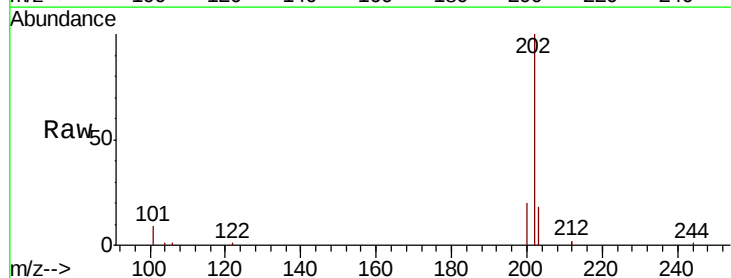
Tgt Ion:202 Resp: 10503

Ion Ratio Lower Upper

202 100

200 19.4 15.6 23.4

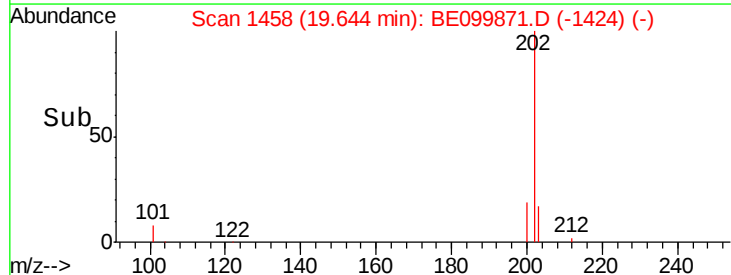
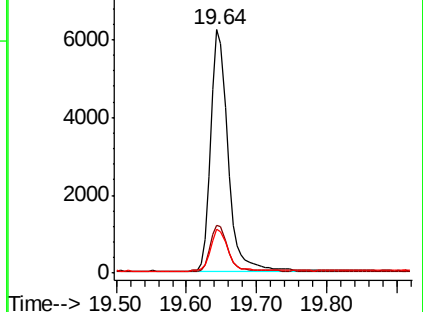
203 17.3 14.1 21.1

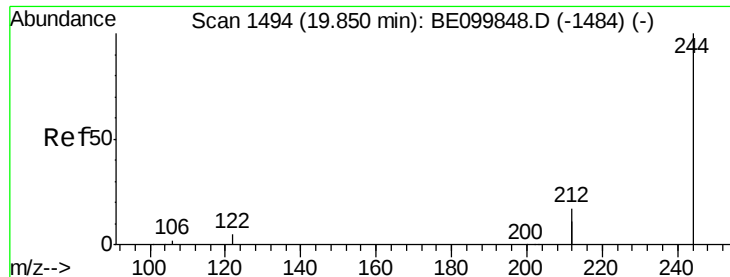


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

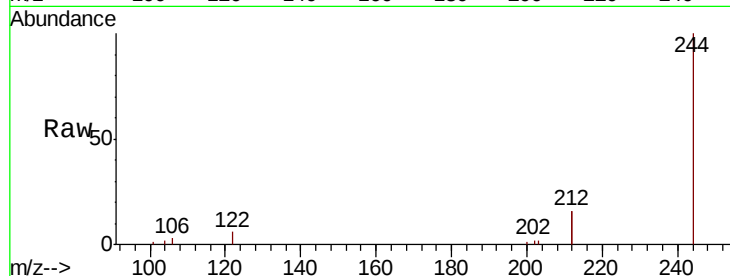
Tot Ion:244 Resp: 7207

Ion Ratio Lower Upper

244 100

212 32.5 23.7 35.5

122 6.4 4.8 7.2

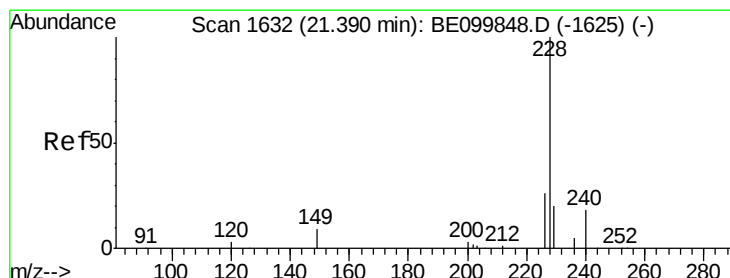
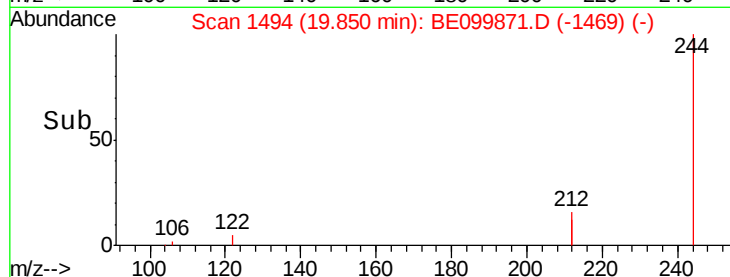
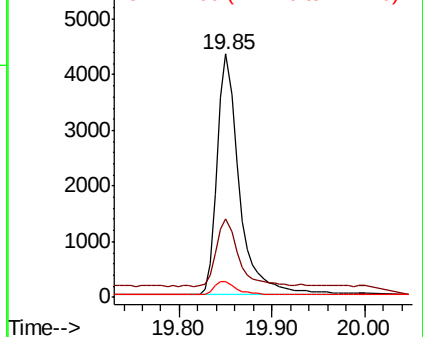


Abundance

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: 0.414 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

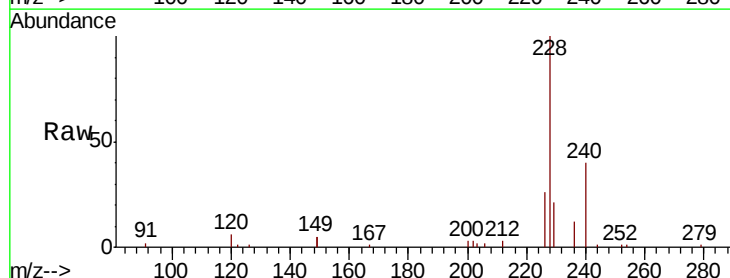
Tgt Ion:228 Resp: 13056

Ion Ratio Lower Upper

228 100

226 26.1 21.6 32.4

229 20.9 15.8 23.6

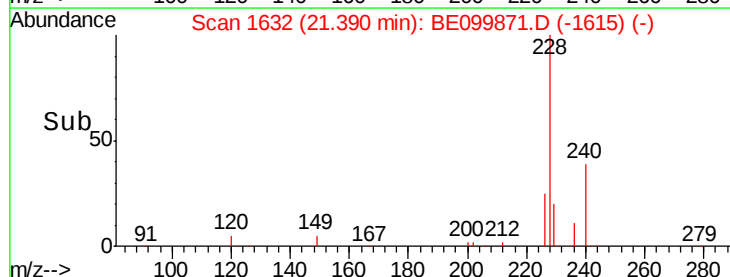
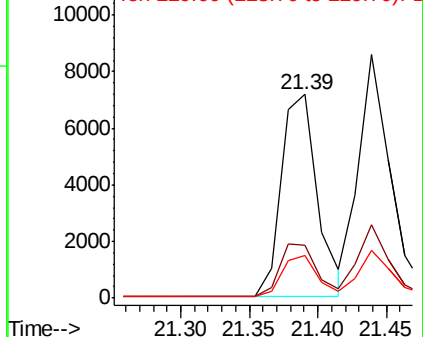


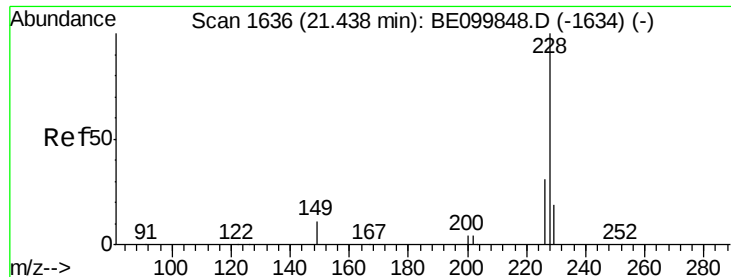
Abundance

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





#31

Chrysene

Concen: 0.439 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

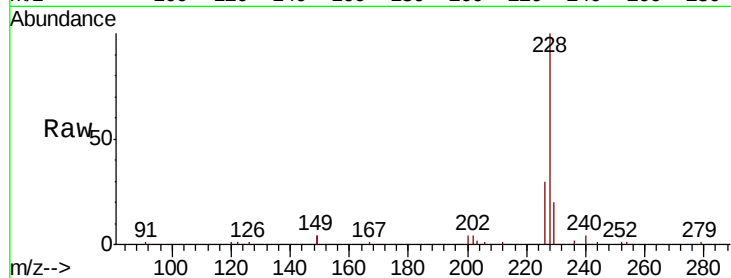
Tot Ion:228 Resp: 13608

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.7 16.4 24.6

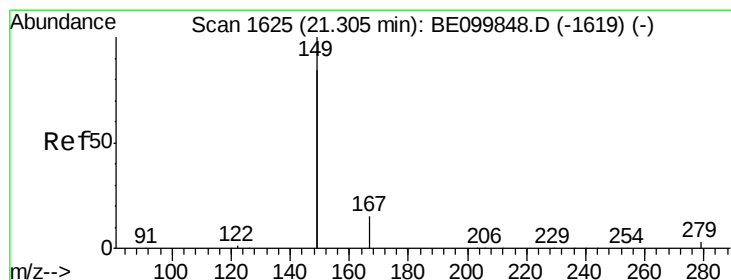
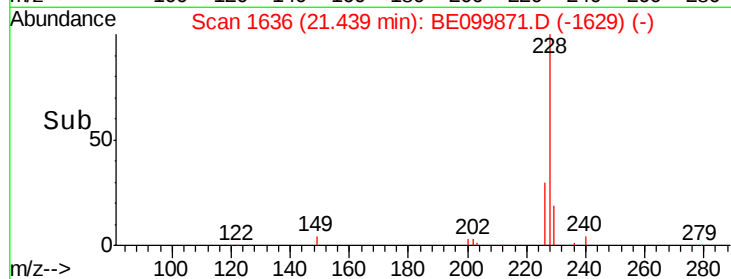
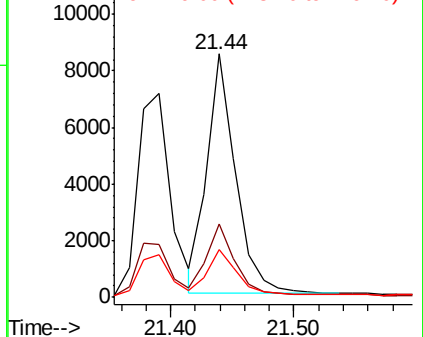


Abundance

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: 0.348 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

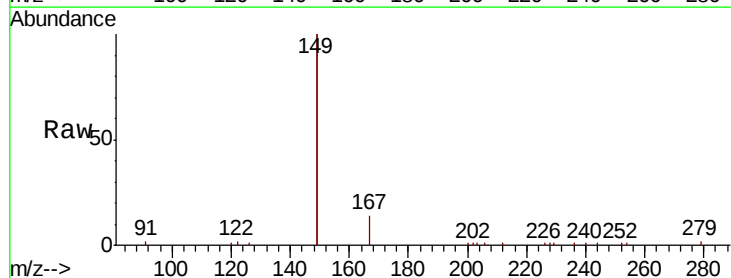
Tgt Ion:149 Resp: 17895

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

279 1.6 1.2 1.8

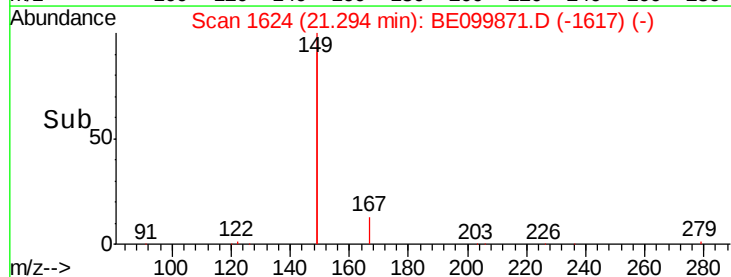
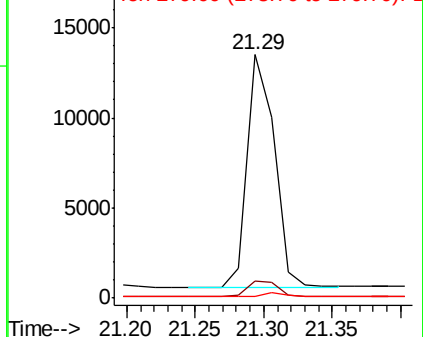


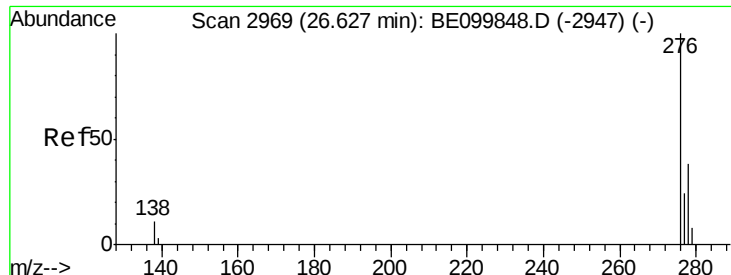
Abundance

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: 0.442 ng

RT: 26.62 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

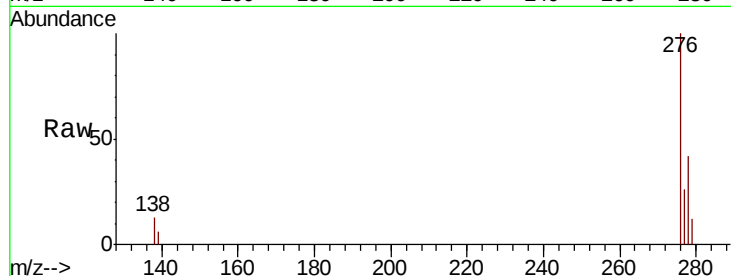
Tot Ion:276 Resp: 16656

Ion Ratio Lower Upper

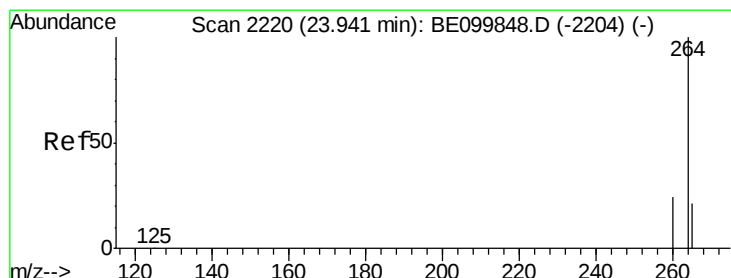
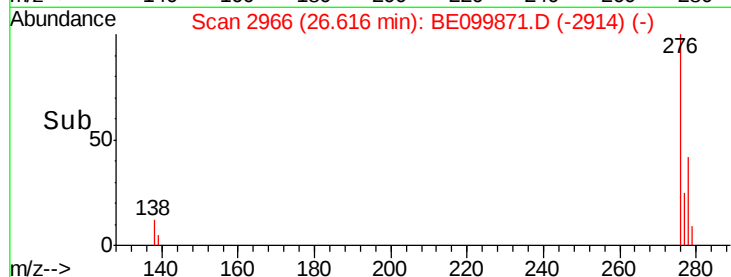
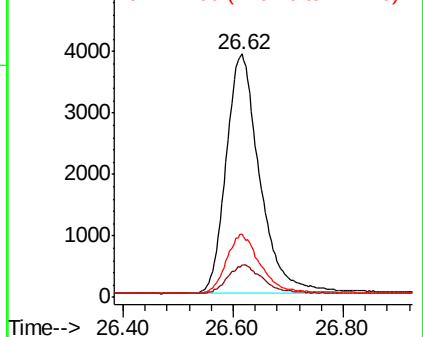
276 100

138 12.3 10.3 15.5

277 24.2 19.4 29.2



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: 23.93 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

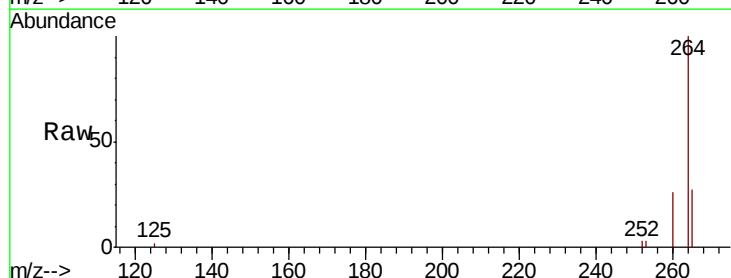
Tgt Ion:264 Resp: 12161

Ion Ratio Lower Upper

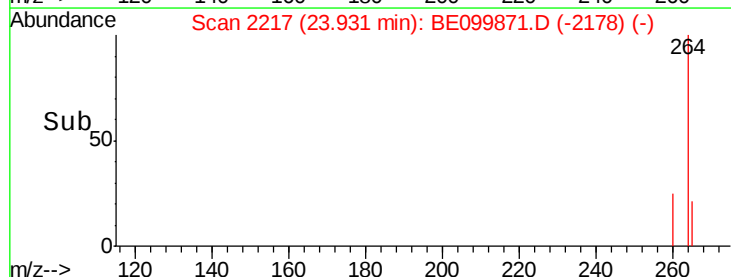
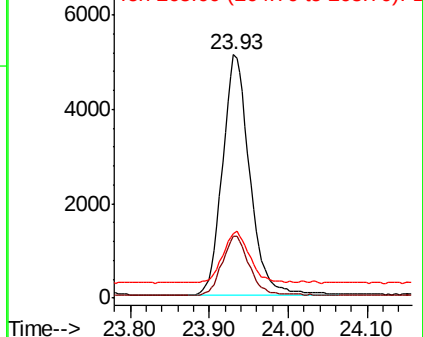
264 100

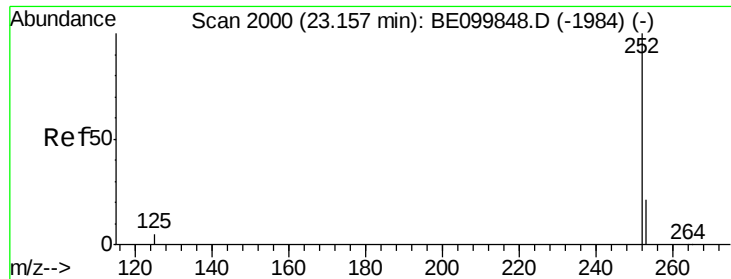
260 25.5 20.0 30.0

265 26.7 20.7 31.1



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: 23.15 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

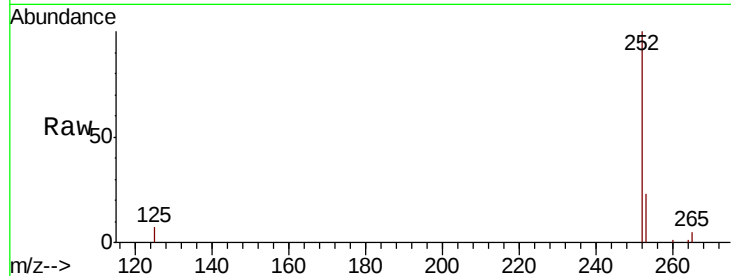
Tot Ion:252 Resp: 13467

Ion Ratio Lower Upper

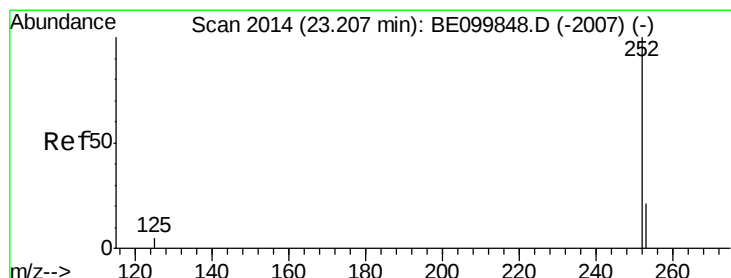
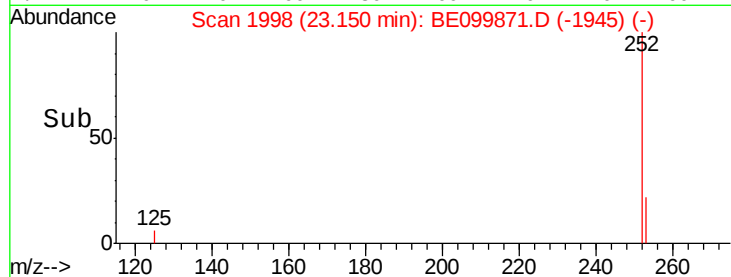
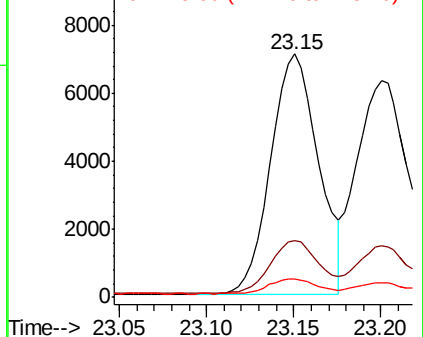
252 100

253 23.2 18.9 28.3

125 7.5 7.6 11.4#



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: 0.409 ng

RT: 23.20 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

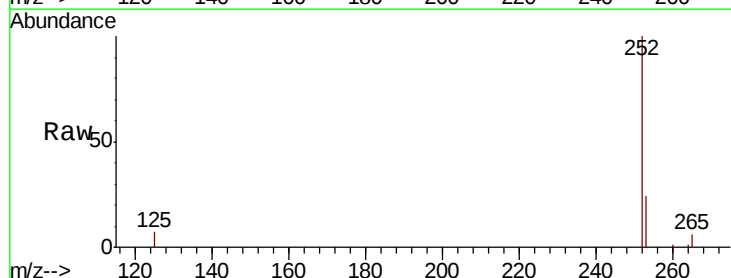
Tgt Ion:252 Resp: 13816

Ion Ratio Lower Upper

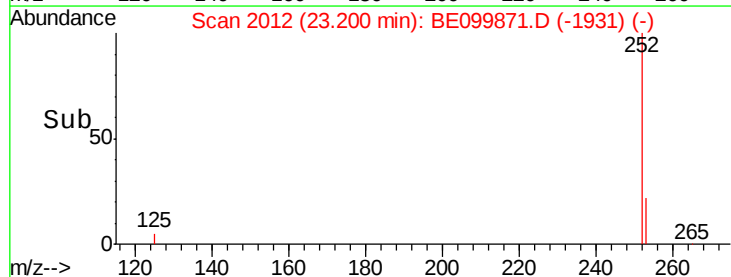
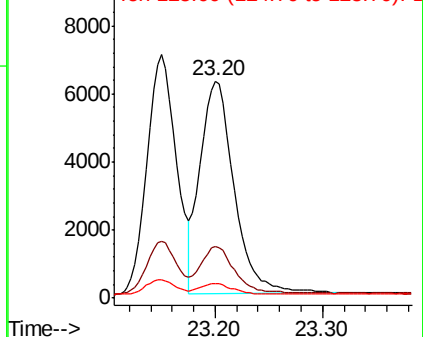
252 100

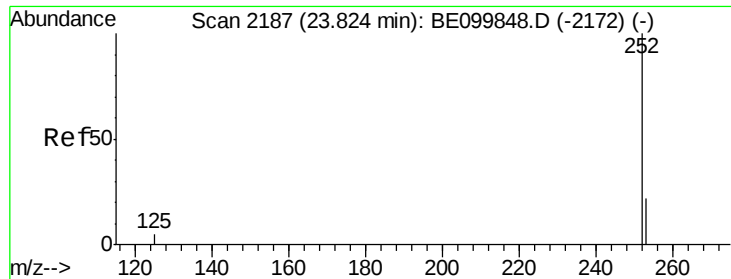
253 23.8 18.4 27.6

125 6.7 4.6 7.0



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





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

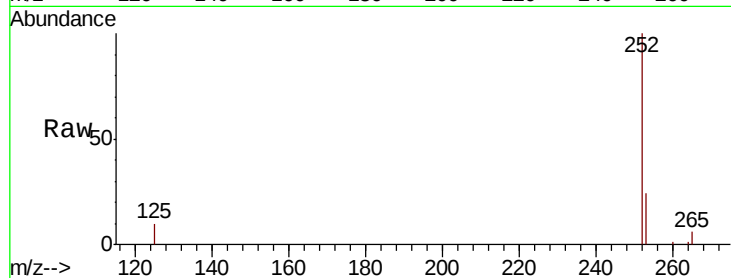
Tot Ion:252 Resp: 13128

Ion Ratio Lower Upper

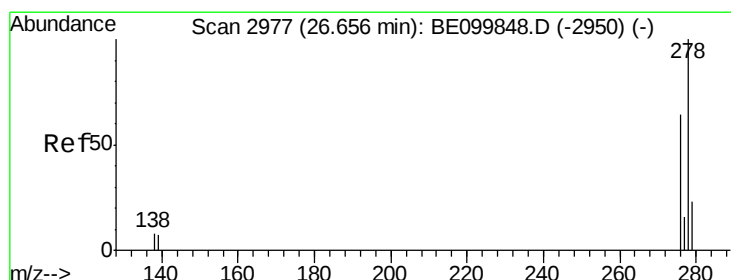
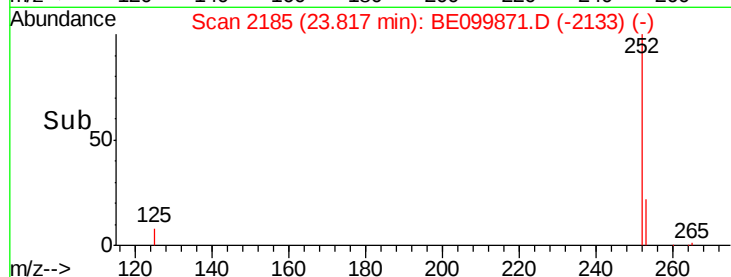
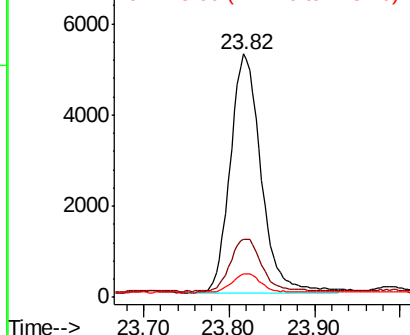
252 100

253 24.0 19.3 28.9

125 9.9 10.2 15.4#



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: 0.400 ng

RT: 26.64 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

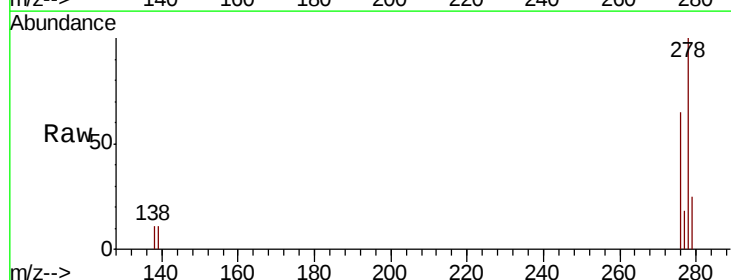
Tgt Ion:278 Resp: 13391

Ion Ratio Lower Upper

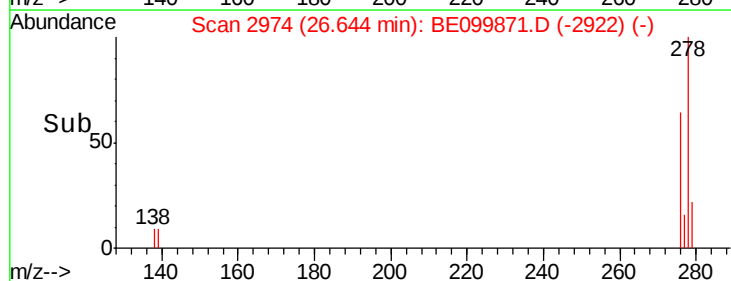
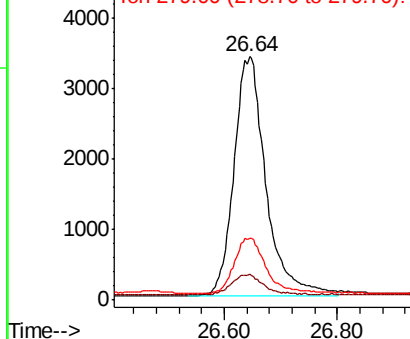
278 100

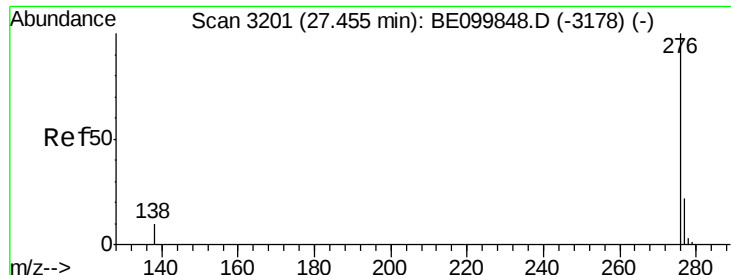
139 10.9 7.9 11.9

279 25.3 18.5 27.7



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(a,h,i)perylene

Concen: 0.407 ng

RT: 27.44 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BE099871.D

Acq: 8 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

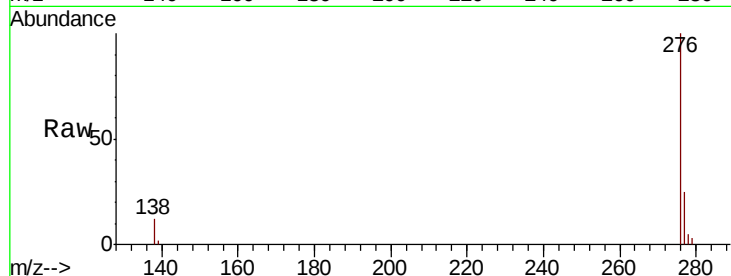
Tot Ion:276 Resp: 13842

Ion Ratio Lower Upper

276 100

277 25.1 19.6 29.4

138 11.8 9.0 13.4



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

