

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099873.D
 Acq On : 8 Jun 2019 5:58
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Quant Time: Jun 08 16:52:52 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	7.79	152	740	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2713	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1979	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6394	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9795	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11692	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	853	0.34	ng	0.00
5) Phenol-d6	6.96	99	1030	0.34	ng	0.00
8) Nitrobenzene-d5	8.96	82	1007	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1890	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	566	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2971	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	35814	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	7129	0.39	ng	0.00

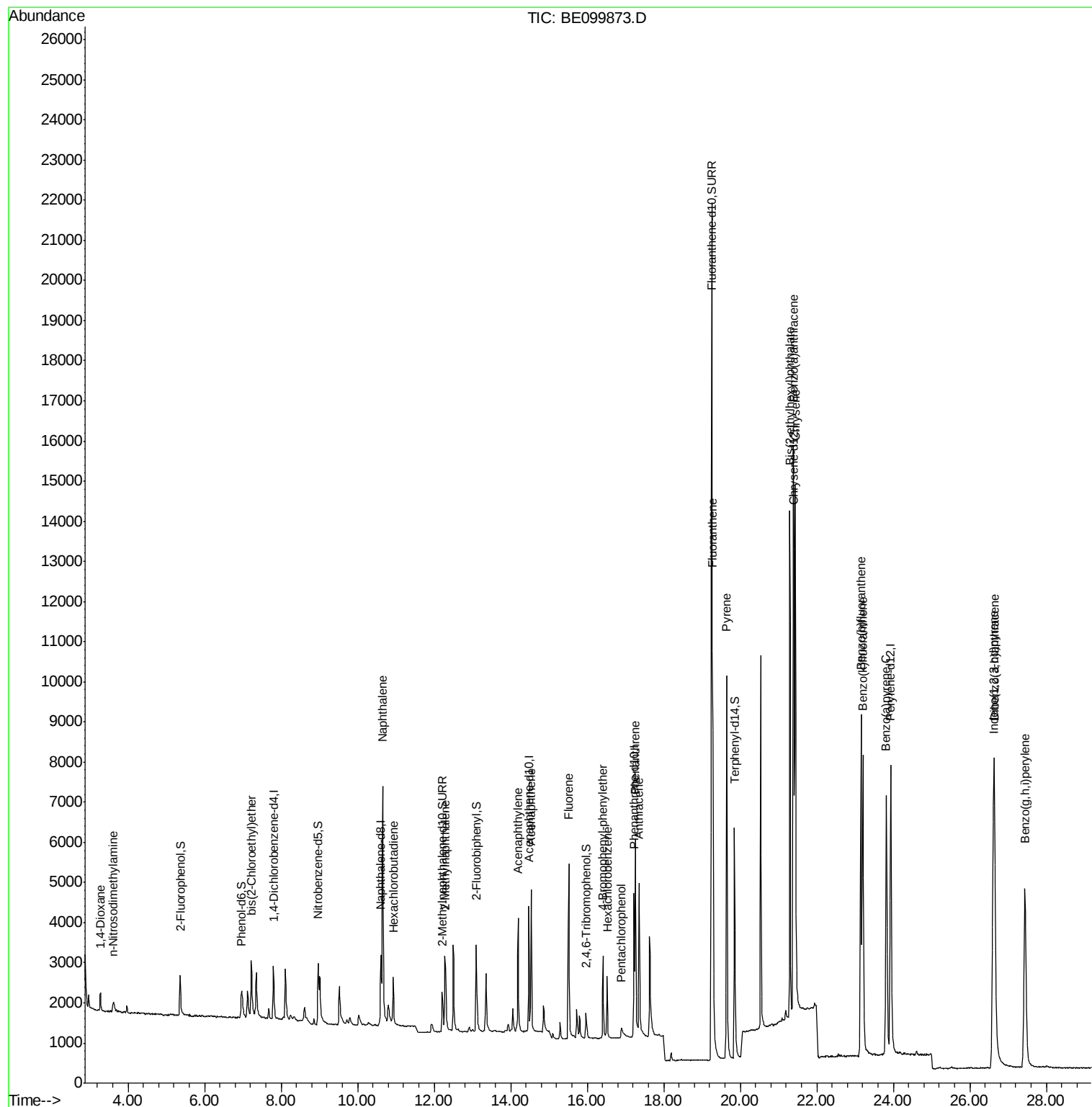
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	394	0.377	ng	# 94
3) n-Nitrosodimethylamine	3.61	42	206	0.292	ng	80
6) bis(2-Chloroethyl)ether	7.22	93	860	0.383	ng	86
9) Naphthalene	10.65	128	11812	0.401	ng	99
10) Hexachlorobutadiene	10.93	225	873	0.403	ng	96
12) 2-Methylnaphthalene	12.28	142	1866	0.372	ng	99
16) Acenaphthylene	14.20	152	3862	0.394	ng	100
17) Acenaphthene	14.53	154	2143	0.399	ng	97
18) Fluorene	15.51	166	3145	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1403	0.383	ng	# 92
21) Hexachlorobenzene	16.52	284	1443	0.404	ng	95
22) Pentachlorophenol	16.89	266	421	0.549	ng	96
23) Phenanthrene	17.26	178	6079	0.383	ng	100
24) Anthracene	17.35	178	5272	0.347	ng	99
26) Fluoranthene	19.28	202	10325	0.369	ng	100
28) Pyrene	19.64	202	10638	0.410	ng	100
30) Benzo(a)anthracene	21.39	228	12487	0.401	ng	98
31) Chrysene	21.44	228	13482	0.441	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16901	0.333	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	15781	0.424	ng	99
35) Benzo(b)fluoranthene	23.15	252	12583	0.388	ng	# 98
36) Benzo(k)fluoranthene	23.20	252	13256	0.408	ng	99
37) Benzo(a)pyrene	23.82	252	12447	0.395	ng	# 96
38) Dibenzo(a,h)anthracene	26.64	278	12735	0.395	ng	97
39) Benzo(g,h,i)perylene	27.44	276	13269	0.405	ng	98

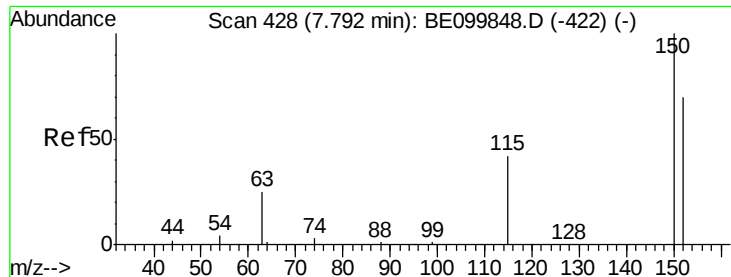
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
Data File : BE099873.D
Acq On : 8 Jun 2019 5:58
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 08 16:52:52 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



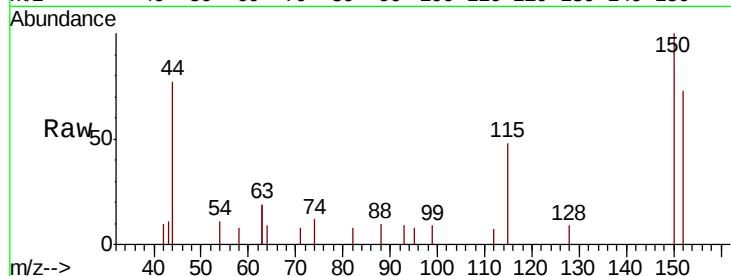


#1

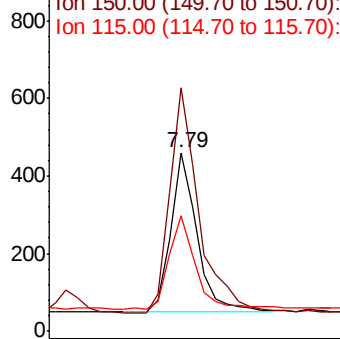
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

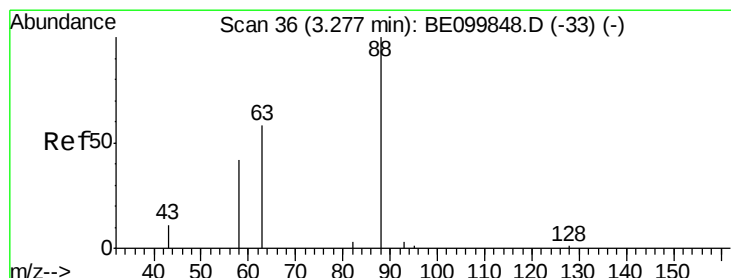
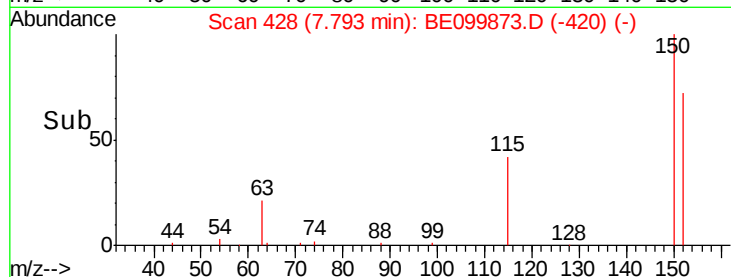
Tot Ion:152 Resp: 740
Ion Ratio Lower Upper
152 100
150 136.3 112.8 169.2
115 64.8 47.6 71.4



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



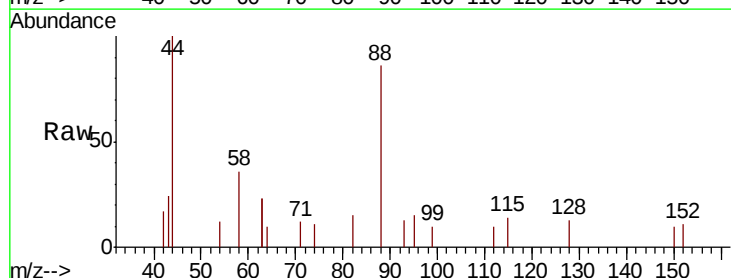
Time-->



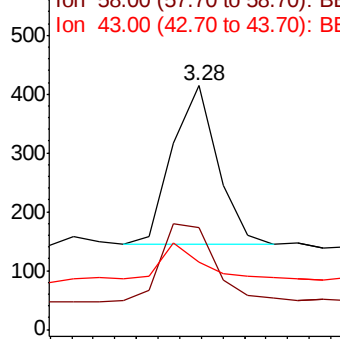
#2

1,4-Dioxane
Concen: 0.377 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

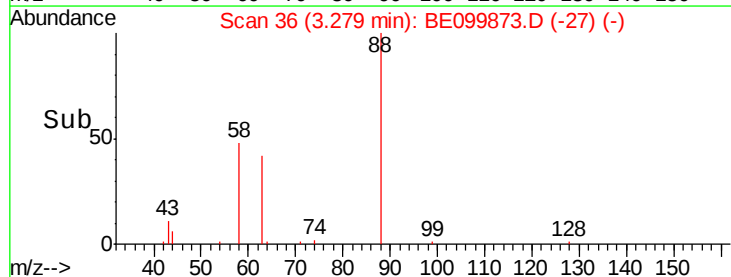
Tgt Ion: 88 Resp: 394
Ion Ratio Lower Upper
88 100
58 60.4 47.3 70.9
43 30.2 18.2 27.4#



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



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.292 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

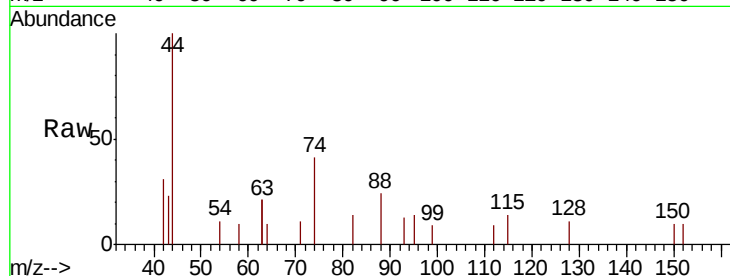
Tot Ion: 42 Resp: 206

Ion Ratio Lower Upper

42 100

74 194.2 132.6 198.8

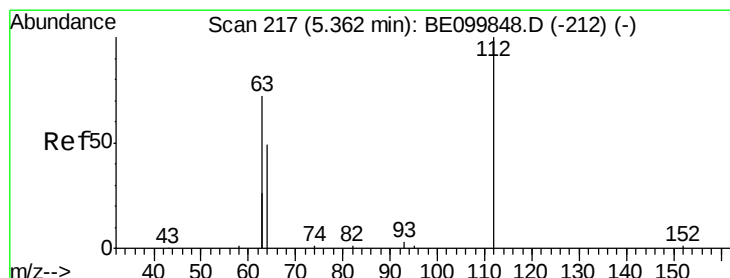
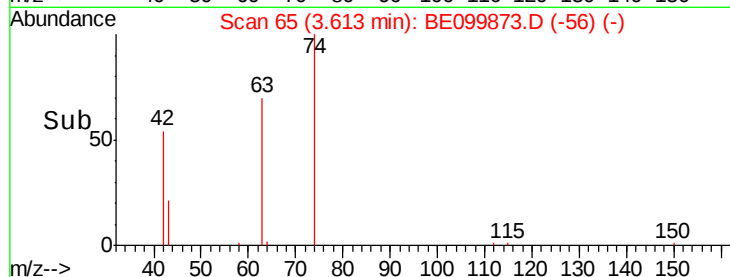
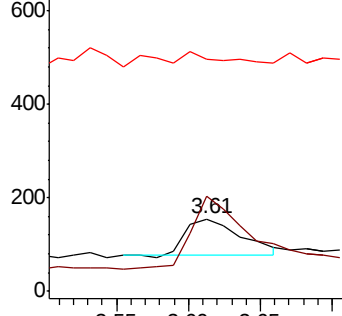
44 19.9 13.4 20.0



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: 0.344 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

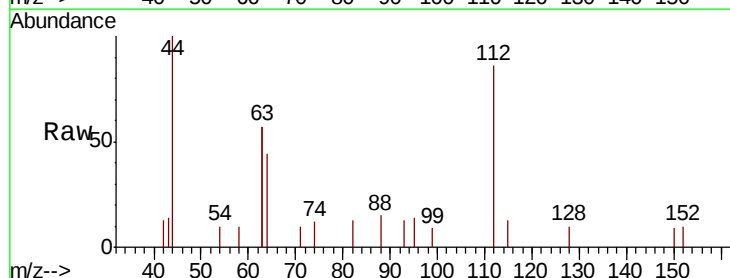
Tgt Ion: 112 Resp: 853

Ion Ratio Lower Upper

112 100

64 51.3 47.2 70.8

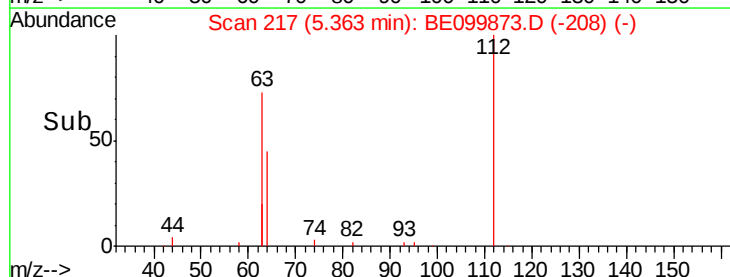
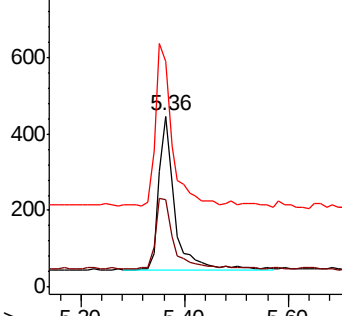
63 108.2 90.7 136.1

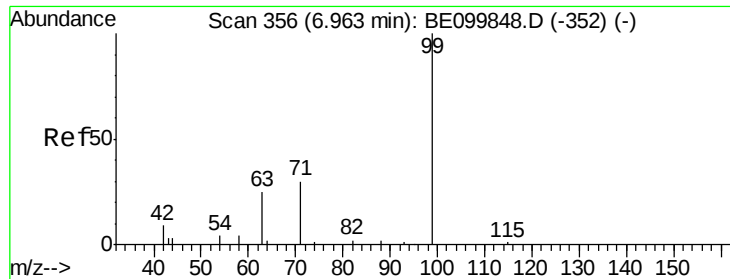


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.337 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

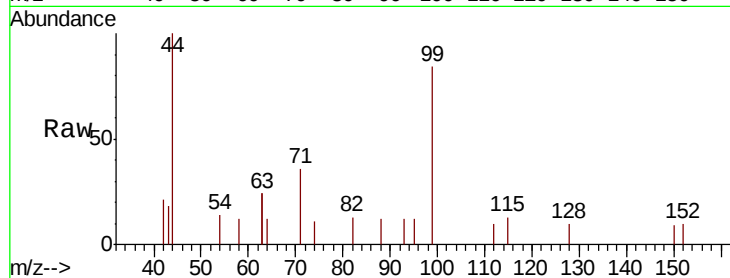
Tot Ion: 99 Resp: 1030

Ion Ratio Lower Upper

99 100

42 15.0 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

6.96

400

300

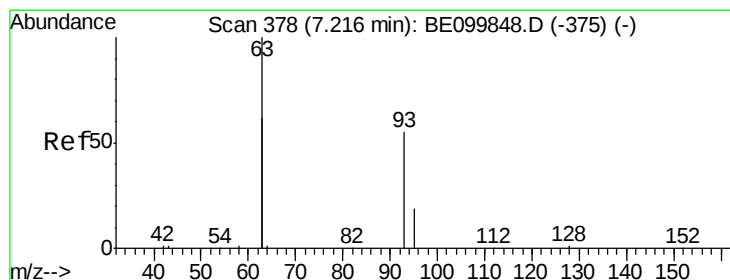
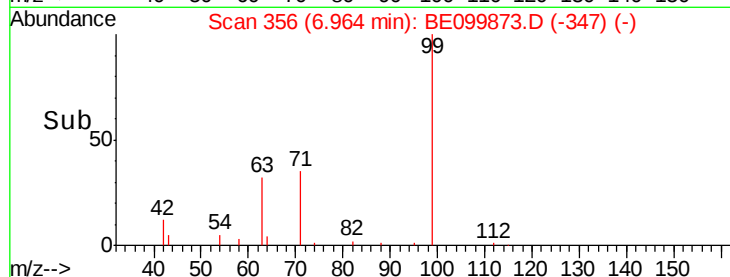
200

100

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

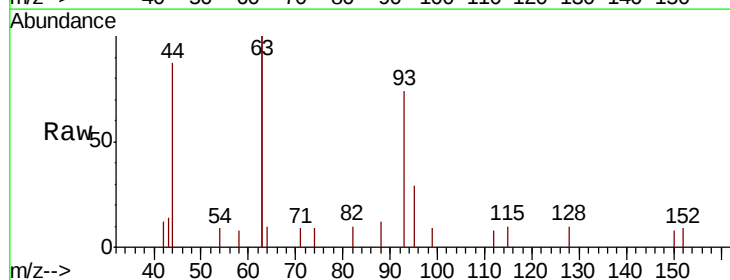
Tgt Ion: 93 Resp: 860

Ion Ratio Lower Upper

93 100

63 233.8 208.8 313.2

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

1500

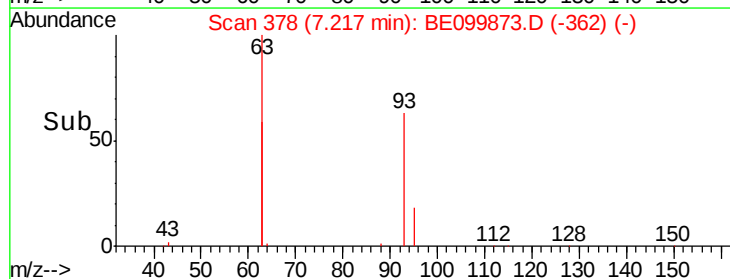
1000

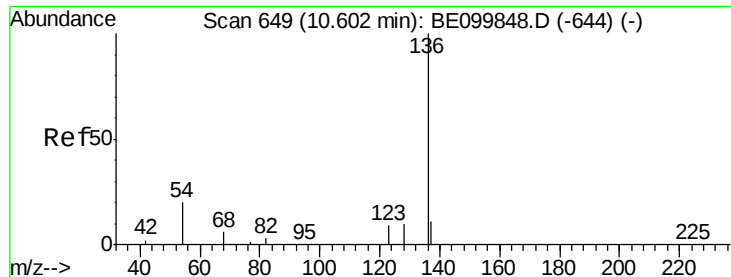
500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 2713

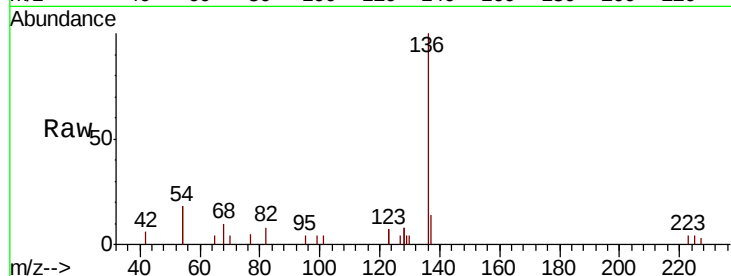
Ion Ratio Lower Upper

136 100

137 13.8 11.1 16.7

54 35.1 17.9 26.9#

68 9.8 5.4 8.0#

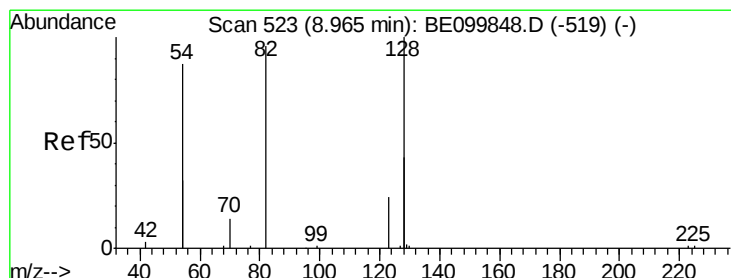
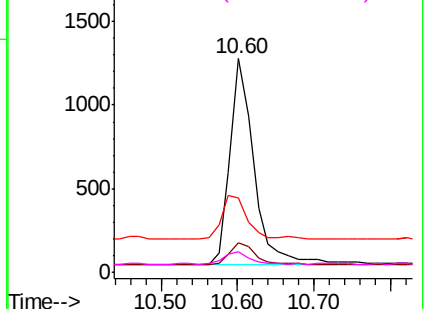
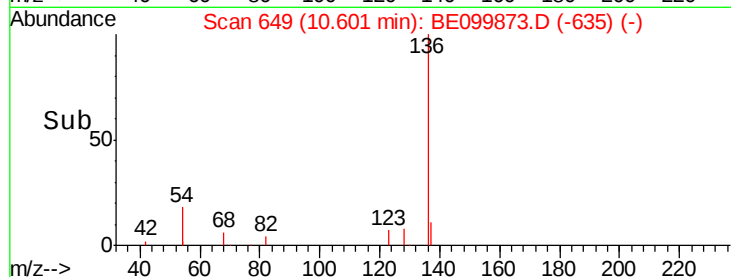


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

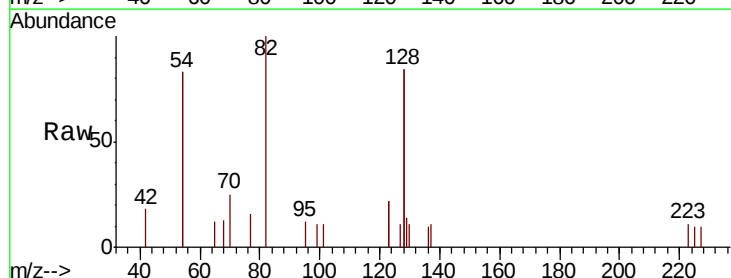
Tgt Ion: 82 Resp: 1007

Ion Ratio Lower Upper

82 100

128 168.9 116.6 175.0

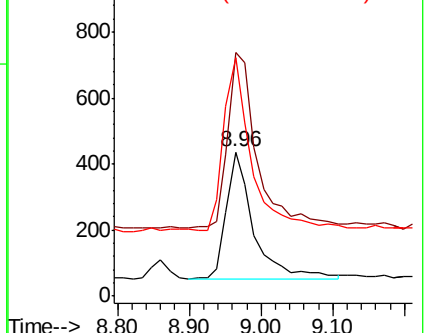
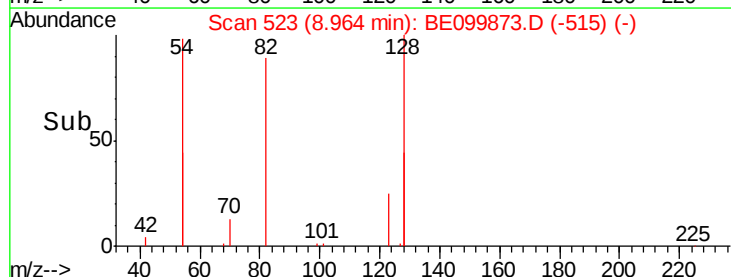
54 165.7 136.2 204.4

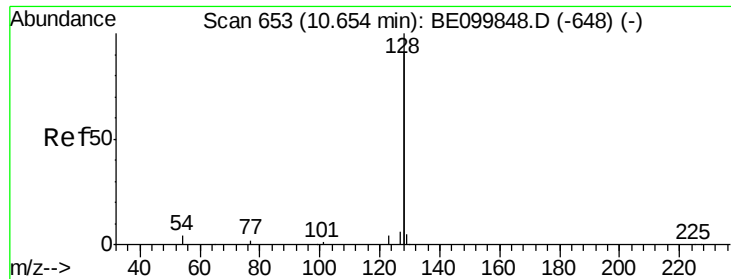


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

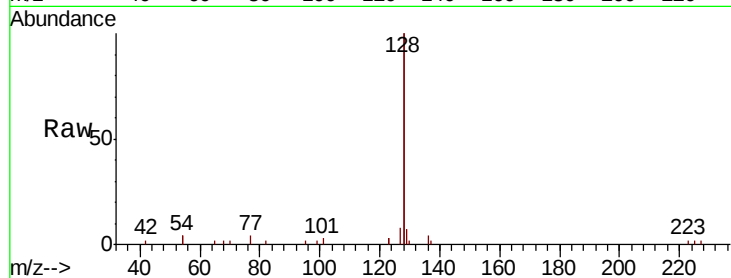
Tot Ion:128 Resp: 11812

Ion Ratio Lower Upper

128 100

129 3.6 2.6 4.0

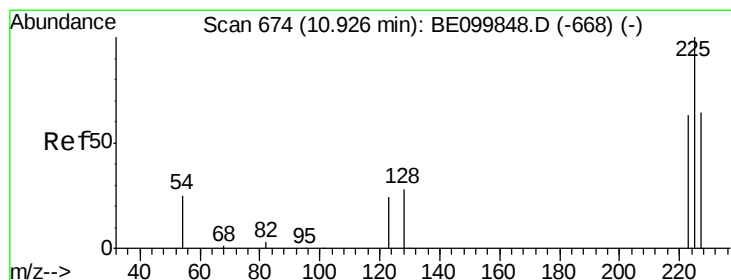
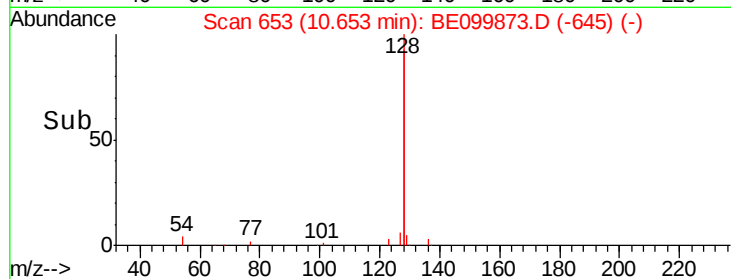
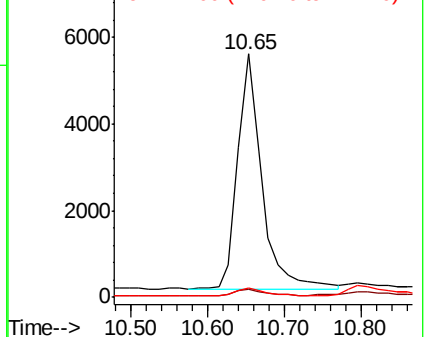
127 3.9 3.0 4.6



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: 0.403 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

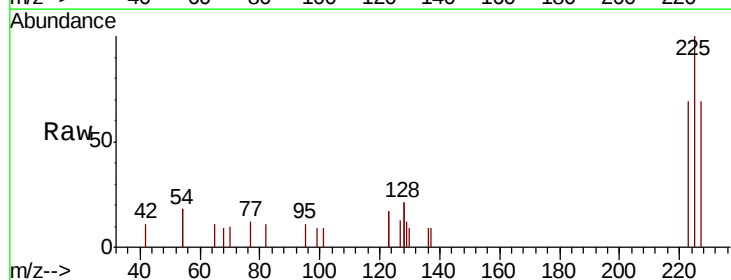
Tgt Ion:225 Resp: 873

Ion Ratio Lower Upper

225 100

223 65.9 48.6 72.8

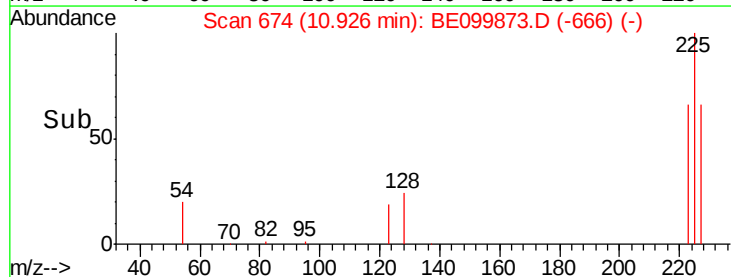
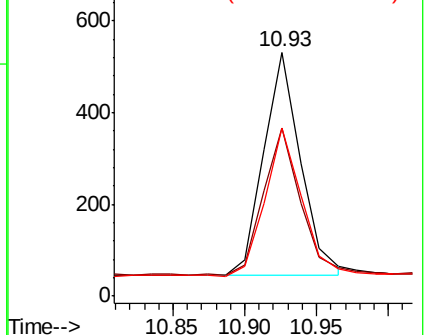
227 64.9 51.6 77.4

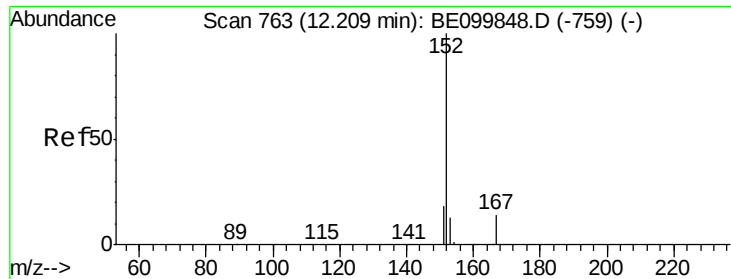


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

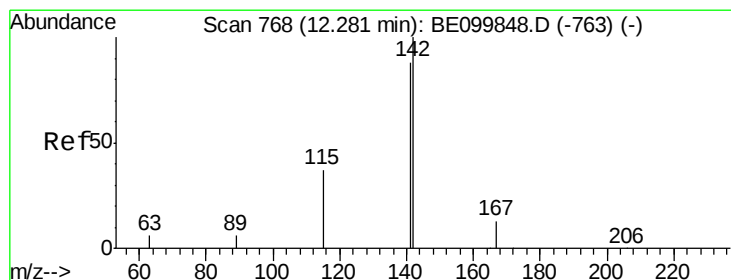
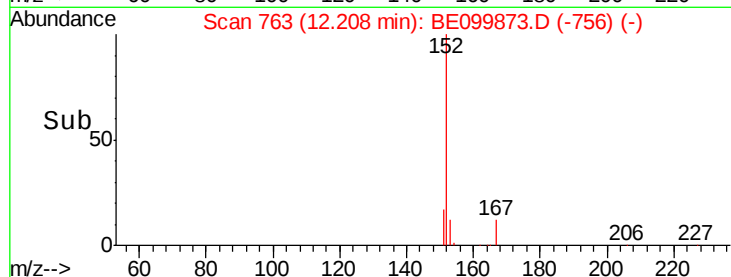
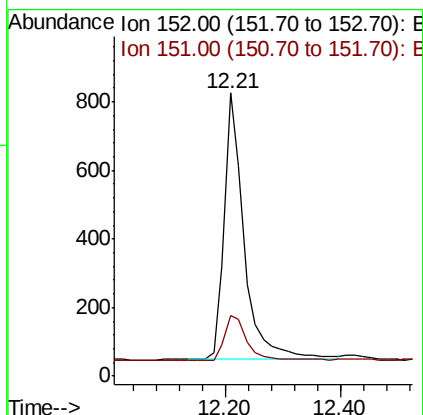
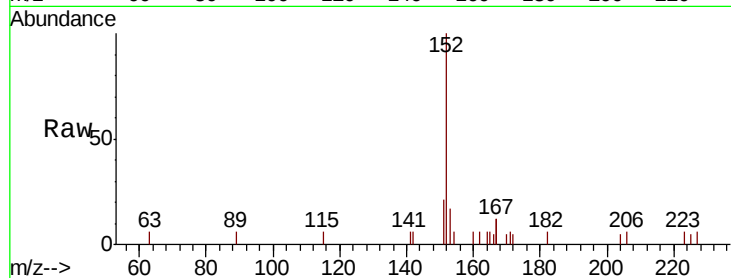




#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

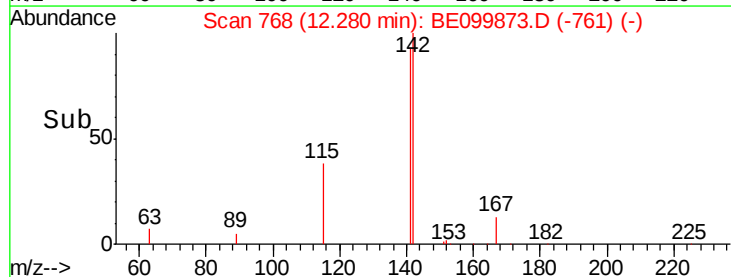
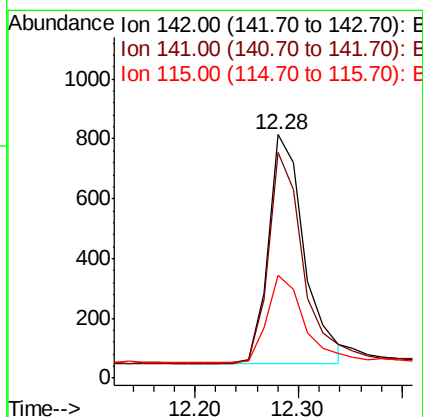
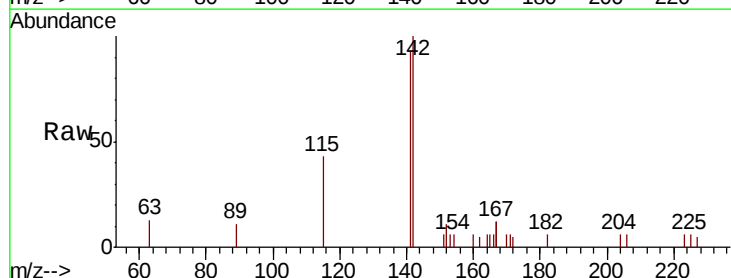
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

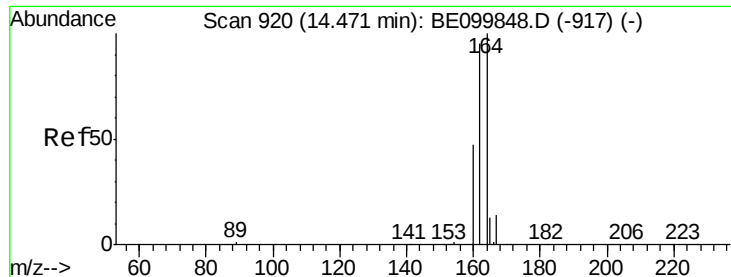
Tot Ion:152 Resp: 1890
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:142 Resp: 1866
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9
115 42.5 33.4 50.2

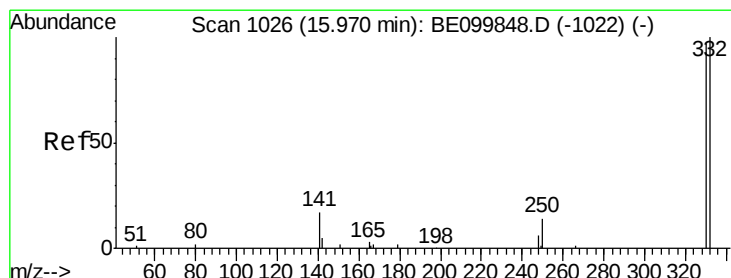
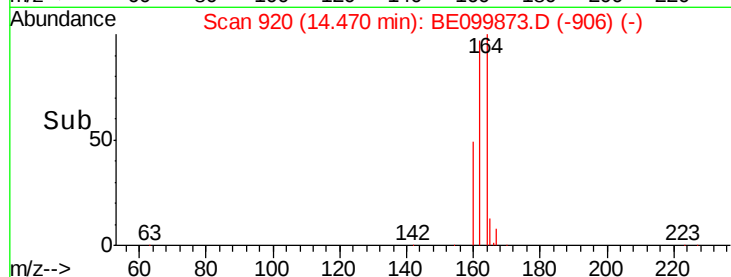
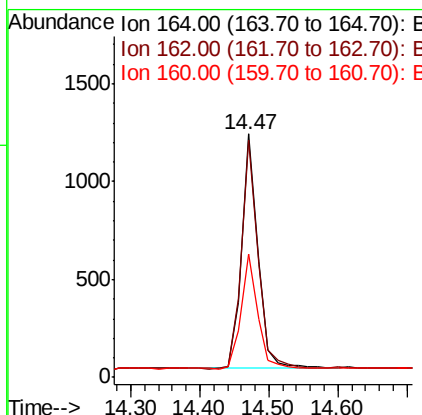
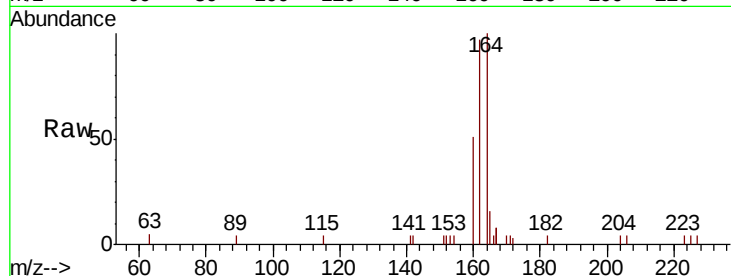




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

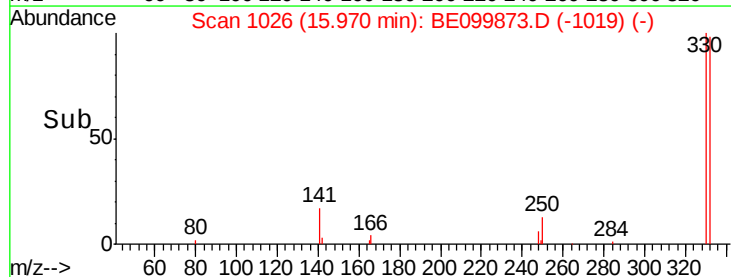
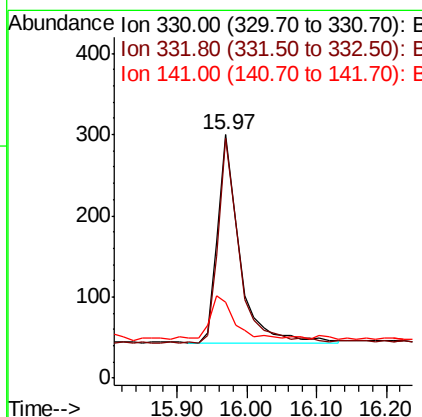
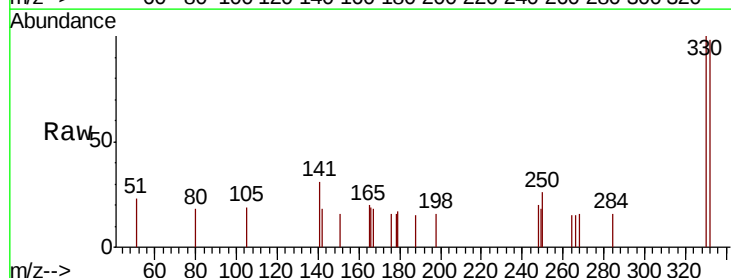
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

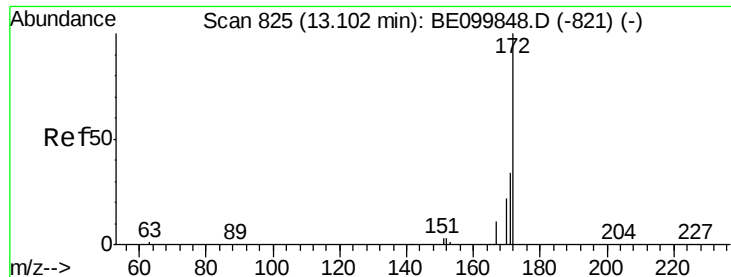
Tot Ion:164 Resp: 1979
Ion Ratio Lower Upper
164 100
162 97.3 77.2 115.8
160 50.6 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:330 Resp: 566
Ion Ratio Lower Upper
330 100
332 93.6 74.9 112.3
141 20.8 16.0 24.0

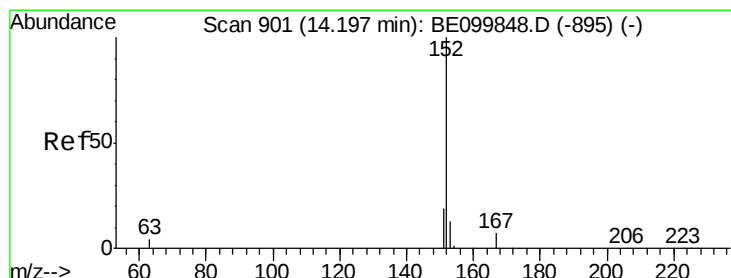
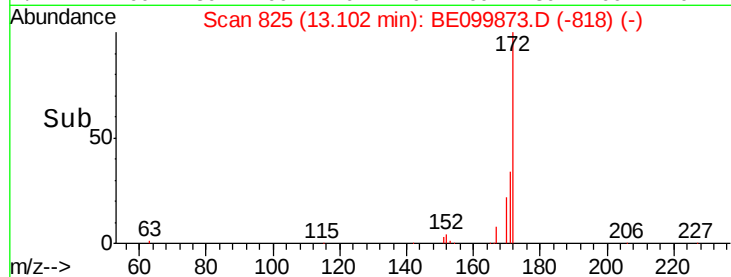
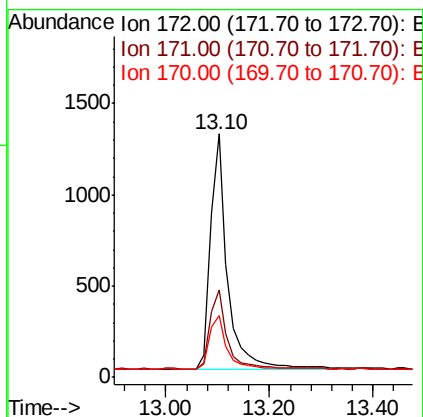
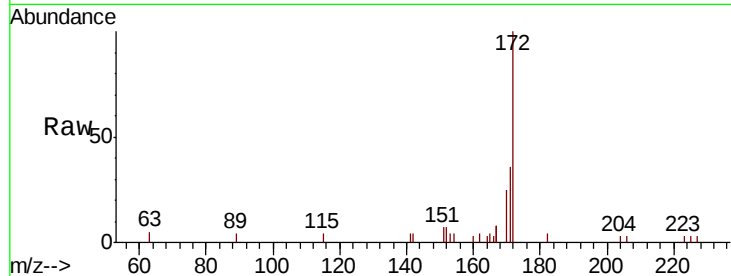




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

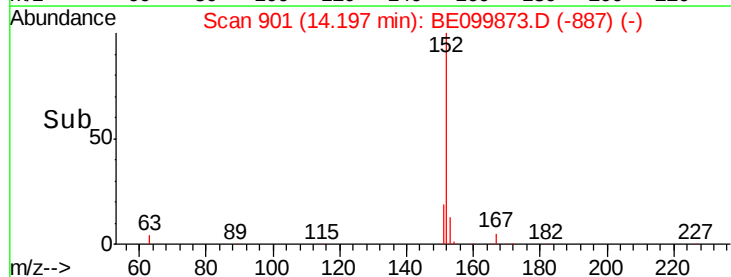
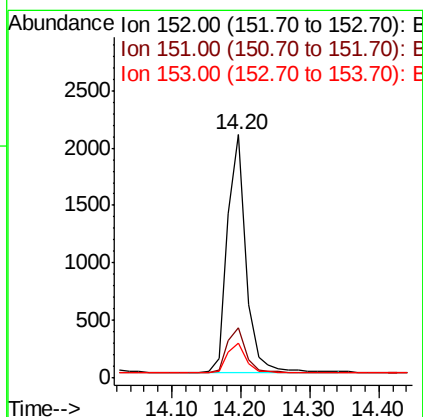
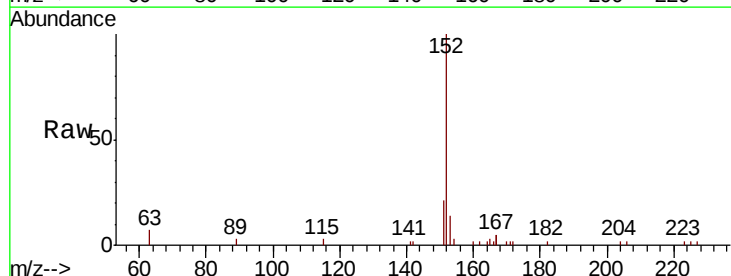
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

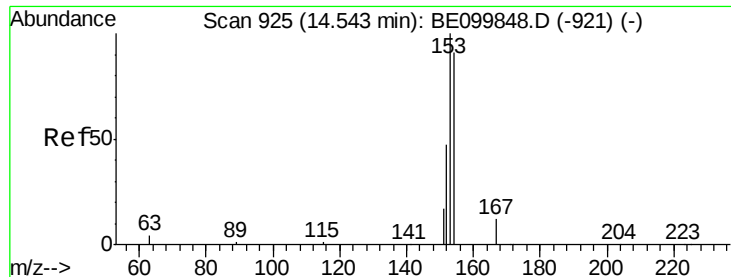
Tot Ion:172 Resp: 2971
Ion Ratio Lower Upper
172 100
171 36.0 30.2 45.4
170 25.2 20.1 30.1



#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:152 Resp: 3862
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.8 16.2





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.02 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

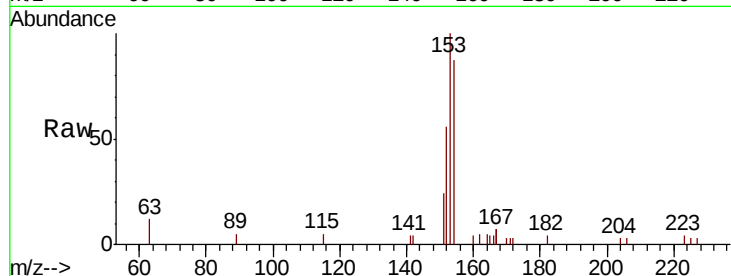
Tot Ion:154 Resp: 2143

Ion Ratio Lower Upper

154 100

153 113.7 93.8 140.6

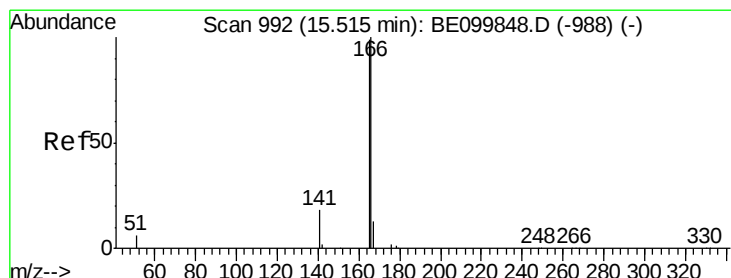
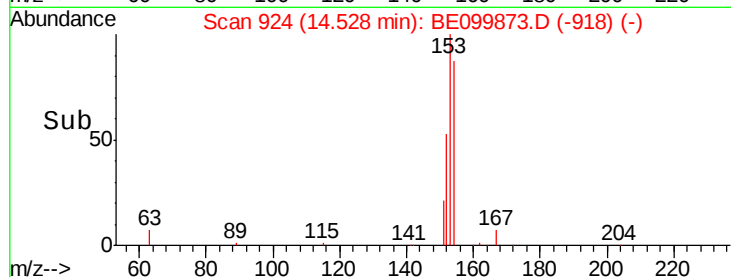
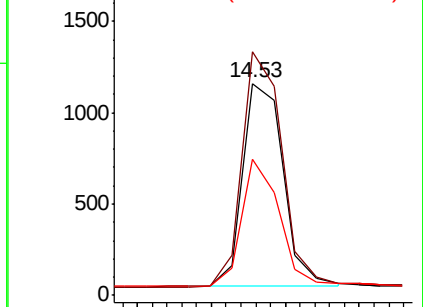
152 58.0 48.3 72.5



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: BE099873.D

Acq: 8 Jun 2019 5:58

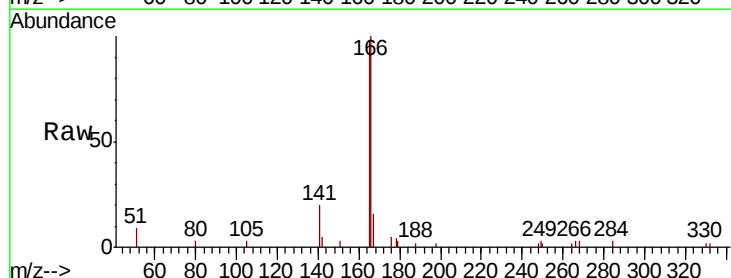
Tgt Ion:166 Resp: 3145

Ion Ratio Lower Upper

166 100

165 99.1 80.4 120.6

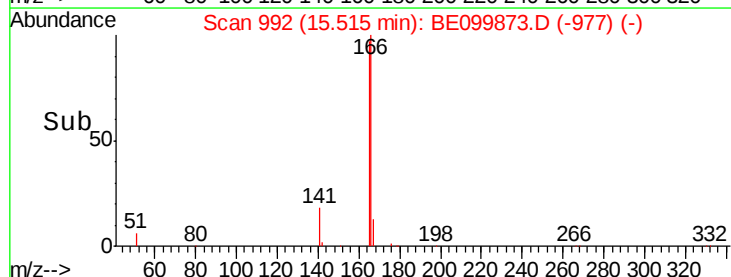
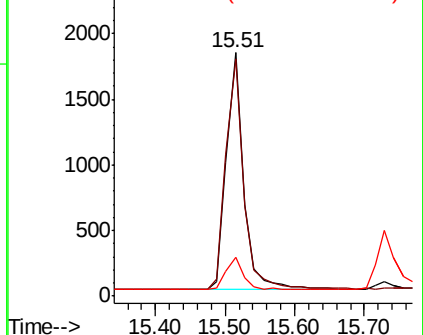
167 13.5 10.7 16.1

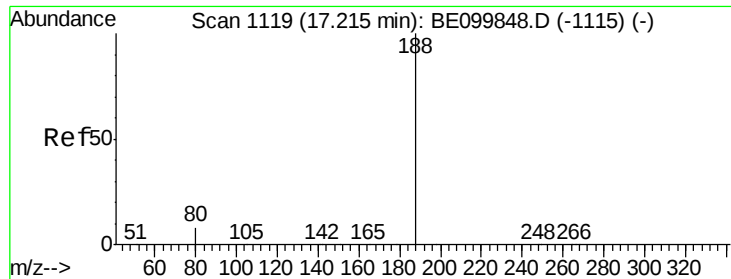


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

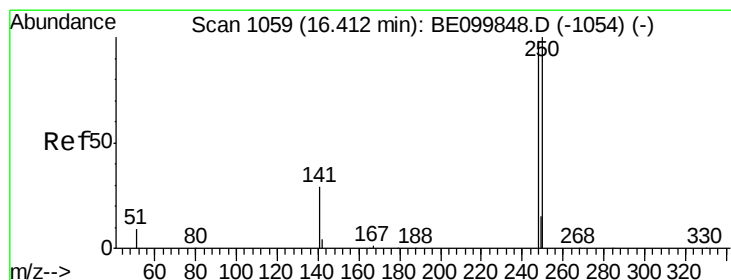
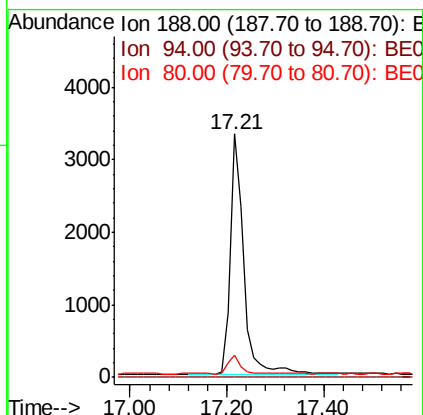
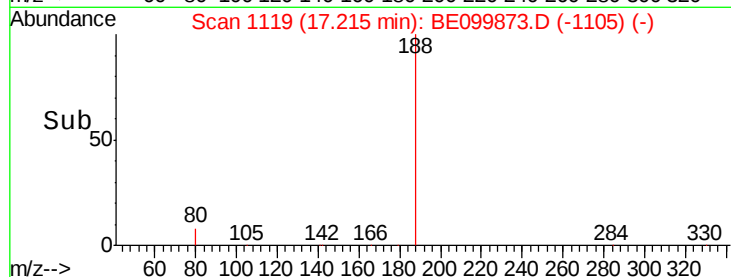
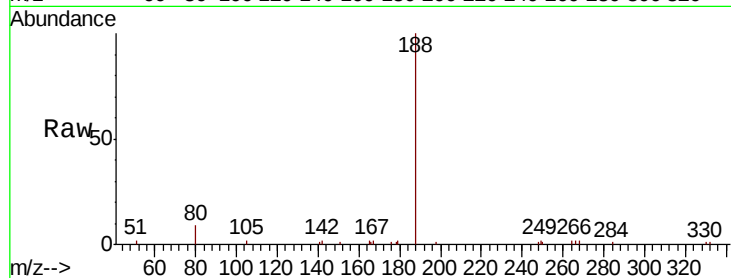
Tot Ion:188 Resp: 6394

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

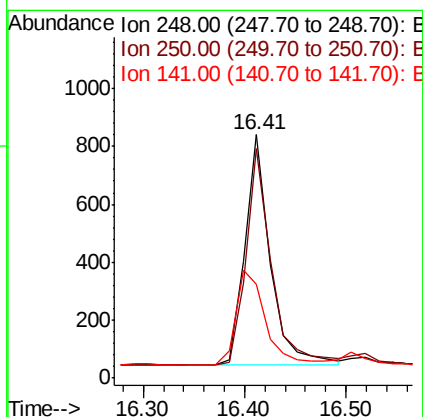
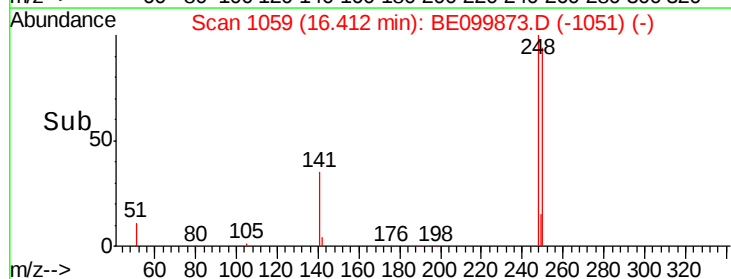
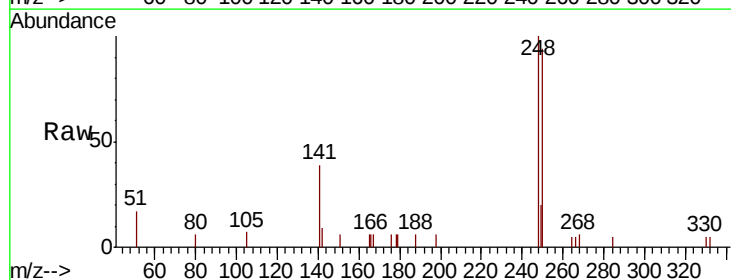
Tgt Ion:248 Resp: 1403

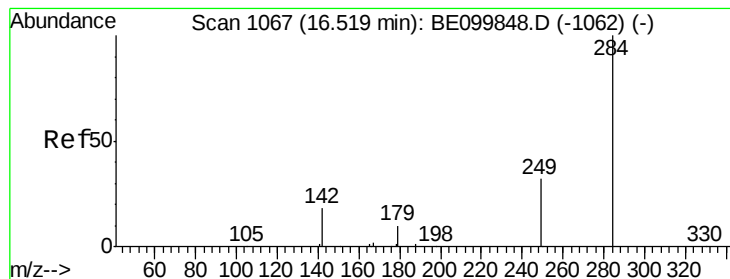
Ion Ratio Lower Upper

248 100

250 94.3 73.7 110.5

141 38.6 40.9 61.3#





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

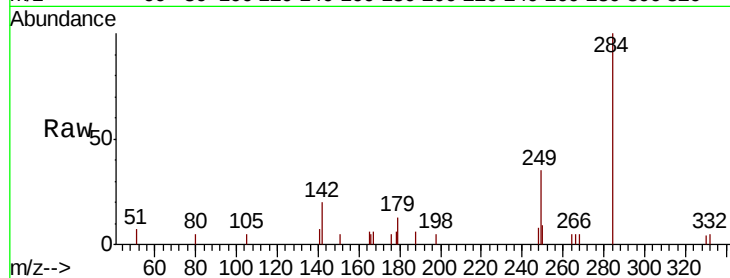
Tot Ion:284 Resp: 1443

Ion Ratio Lower Upper

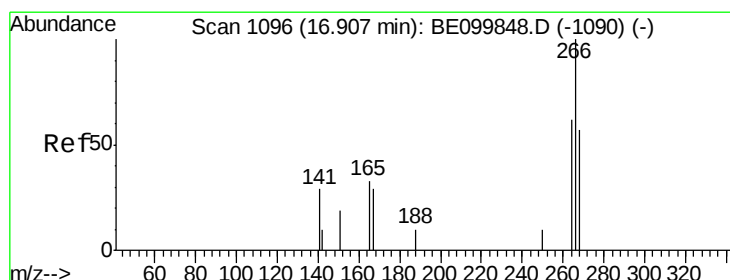
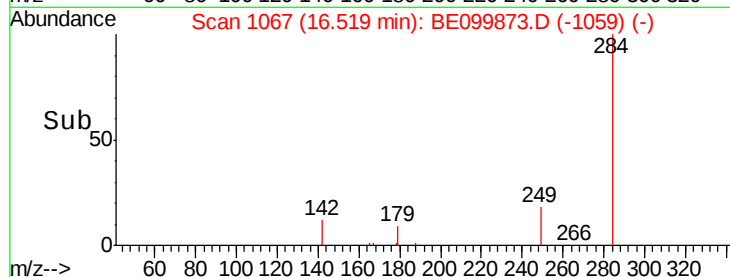
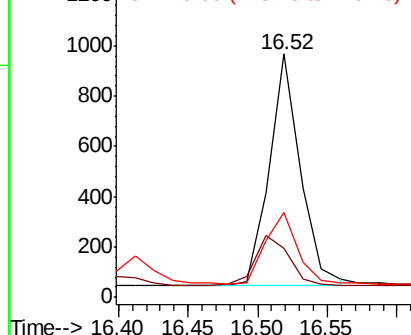
284 100

142 23.6 16.2 24.4

249 31.0 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: 0.549 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

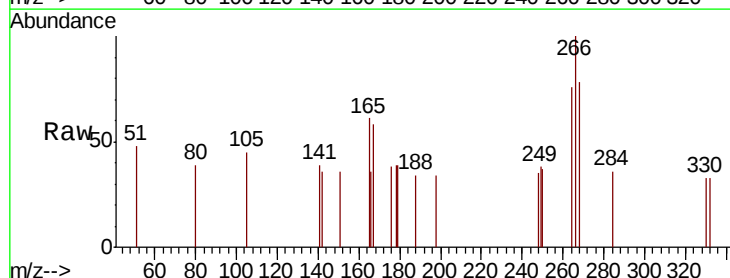
Tgt Ion:266 Resp: 421

Ion Ratio Lower Upper

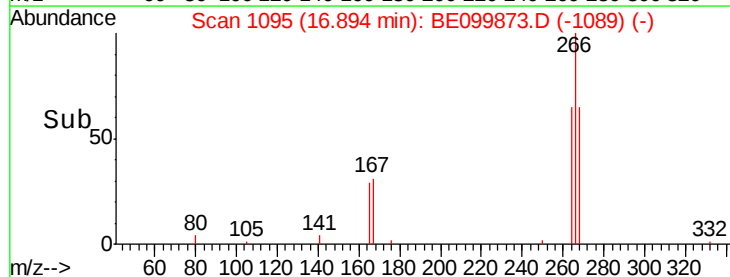
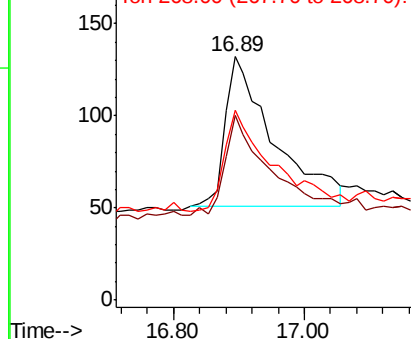
266 100

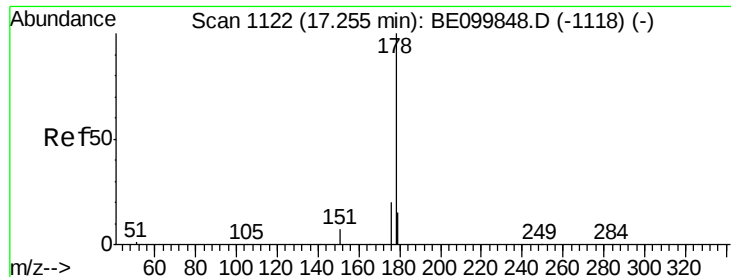
264 75.8 64.9 97.3

268 78.0 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

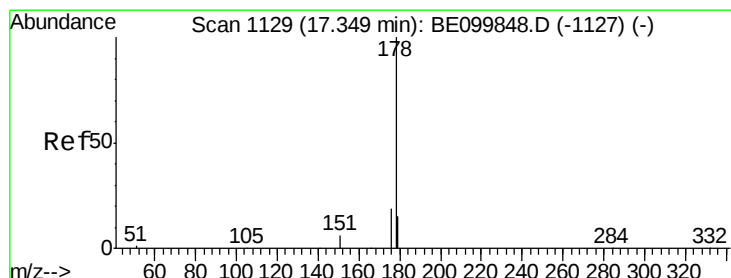
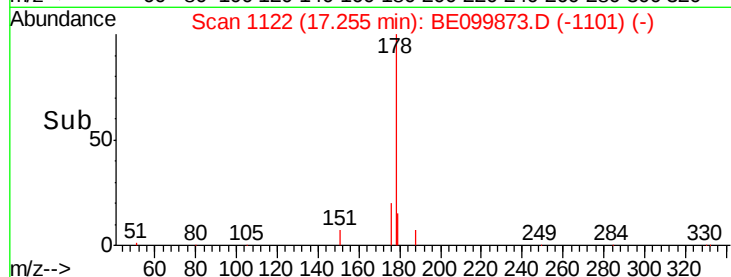
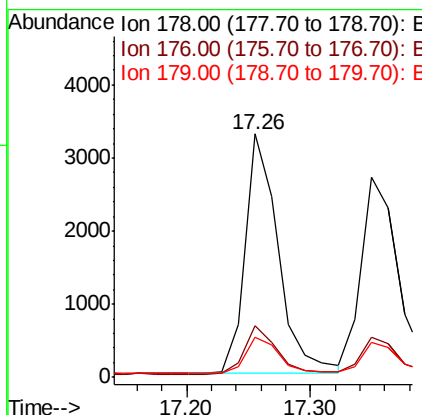
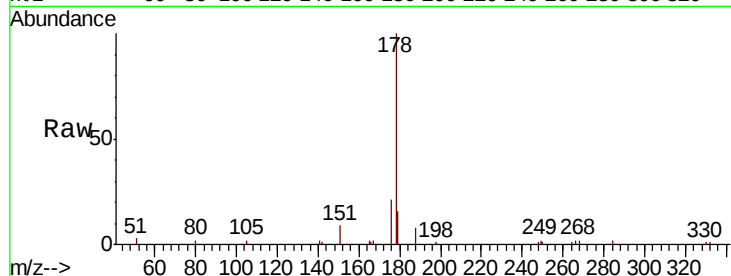




#23
Phenanthrene
Concen: 0.383 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

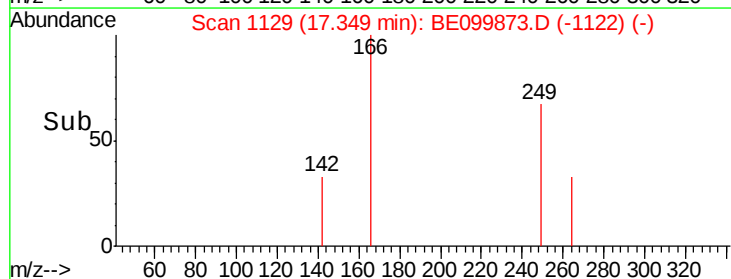
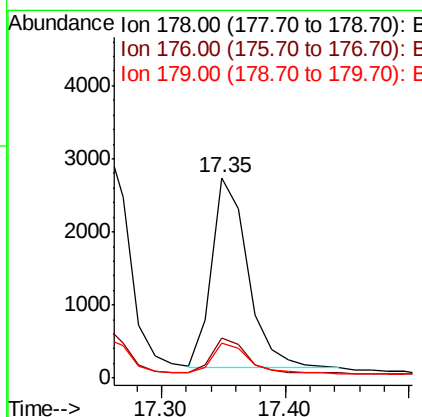
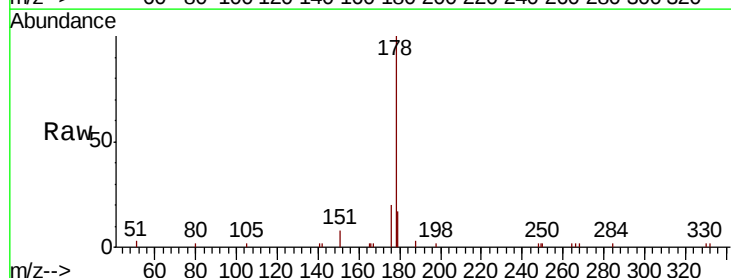
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

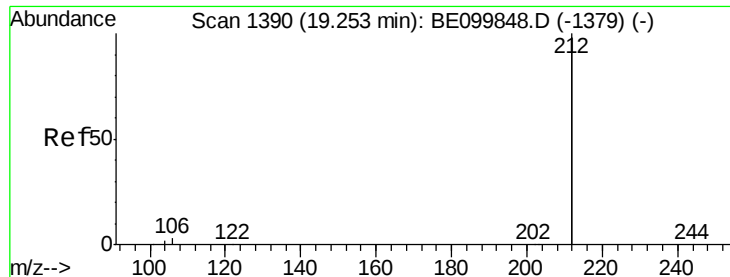
Tot Ion:178 Resp: 6079
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.5 18.7



#24
Anthracene
Concen: 0.347 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:178 Resp: 5272
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.7 12.1 18.1





#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

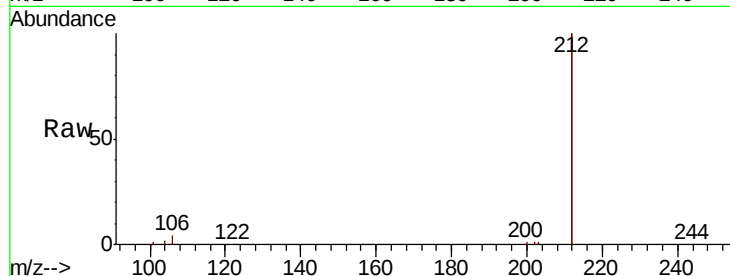
Tot Ion:212 Resp: 35814

Ion Ratio Lower Upper

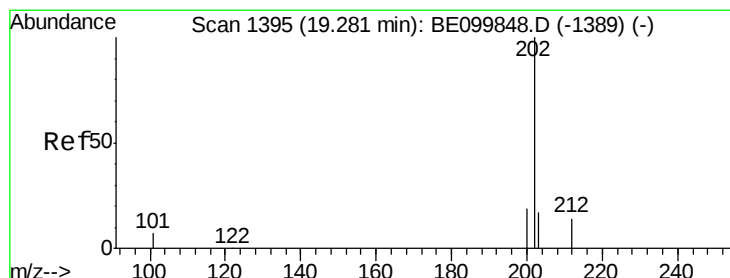
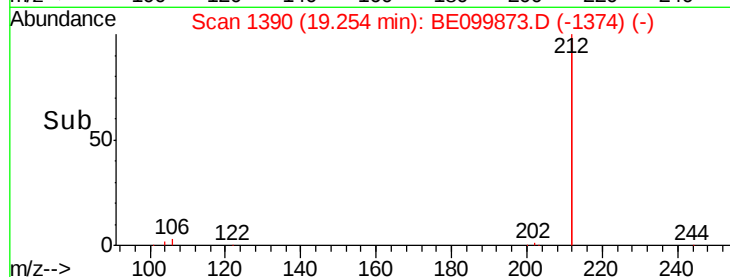
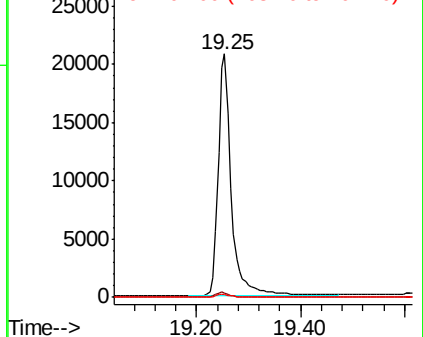
212 100

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: 0.369 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

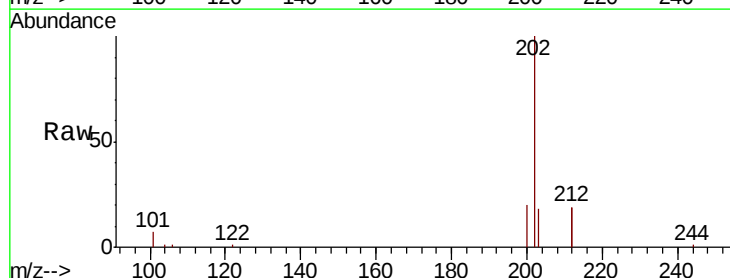
Tgt Ion:202 Resp: 10325

Ion Ratio Lower Upper

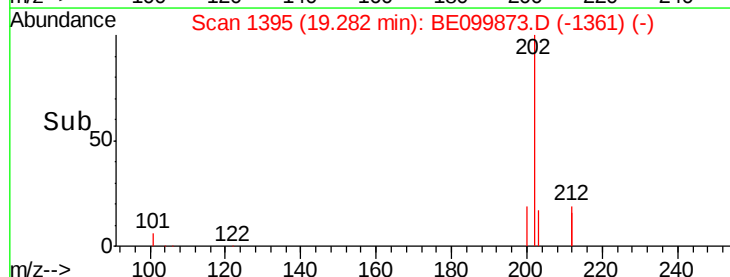
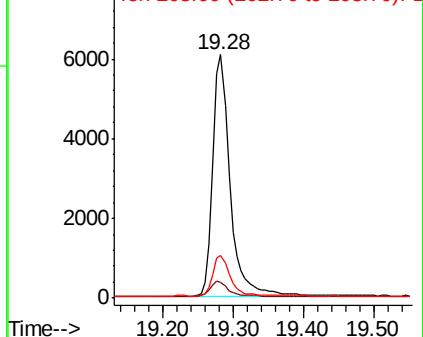
202 100

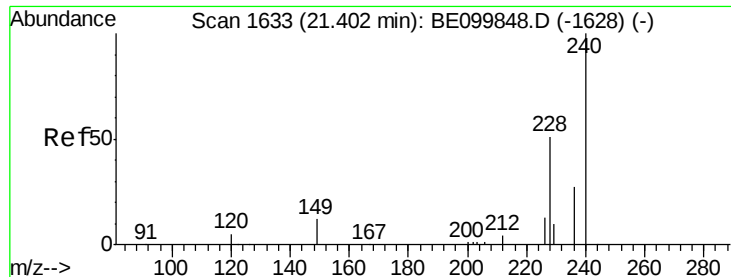
101 6.5 5.2 7.8

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

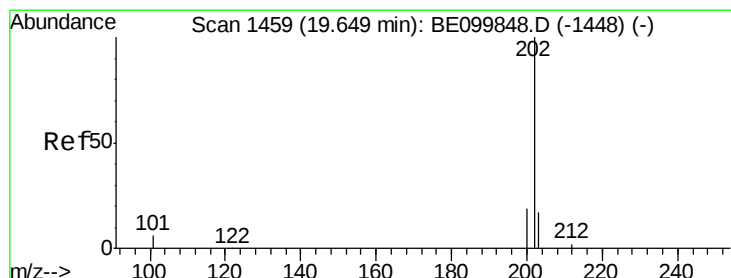
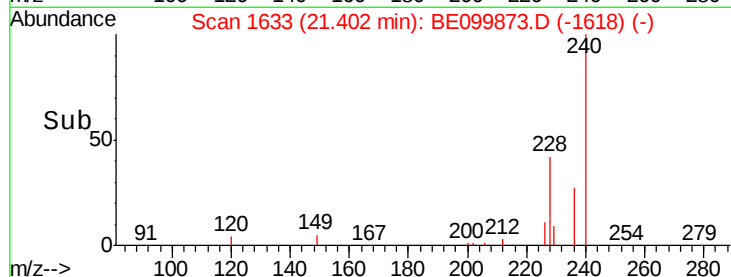
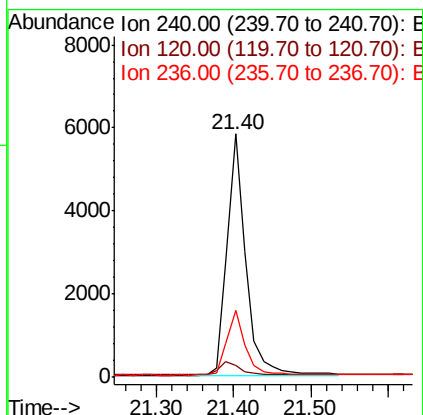
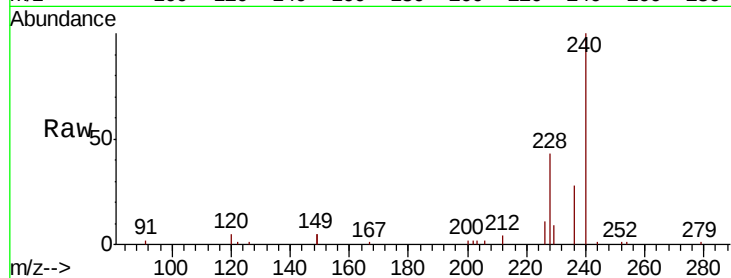




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

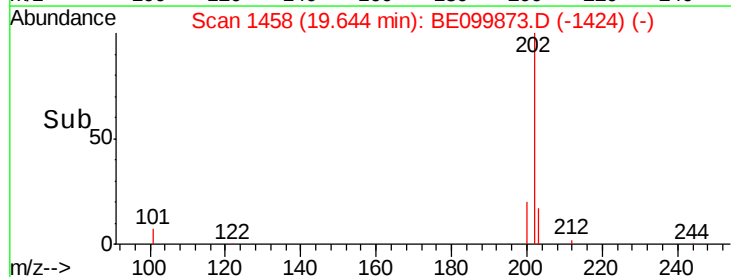
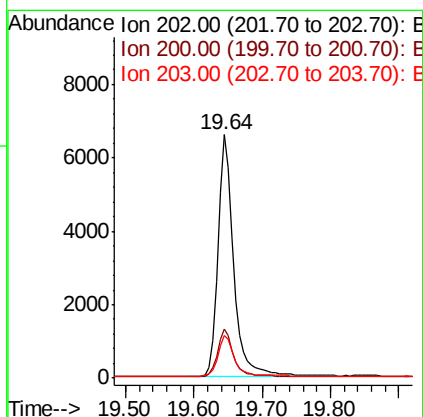
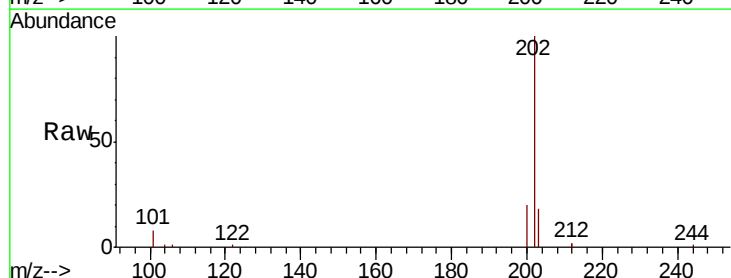
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

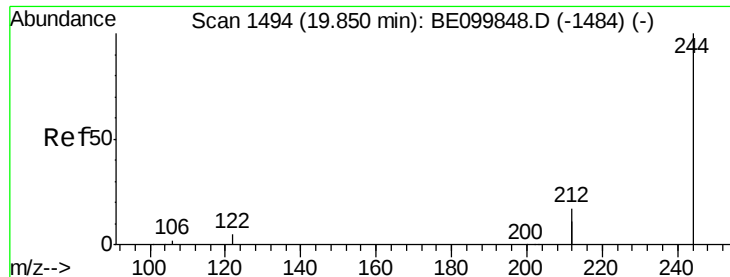
Tot Ion:240 Resp: 9795
Ion Ratio Lower Upper
240 100
120 5.1 2.8 4.2#
236 27.7 20.9 31.3



#28
Pyrene
Concen: 0.410 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:202 Resp: 10638
Ion Ratio Lower Upper
202 100
200 19.9 15.6 23.4
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

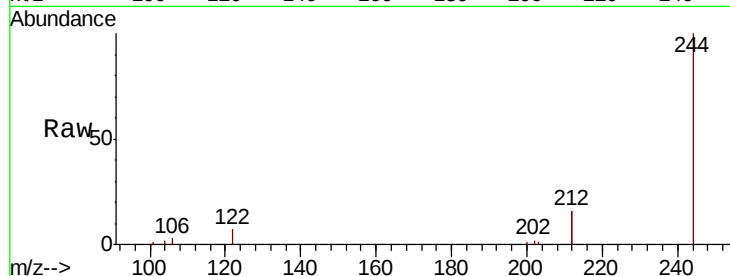
Tot Ion:244 Resp: 7129

Ion Ratio Lower Upper

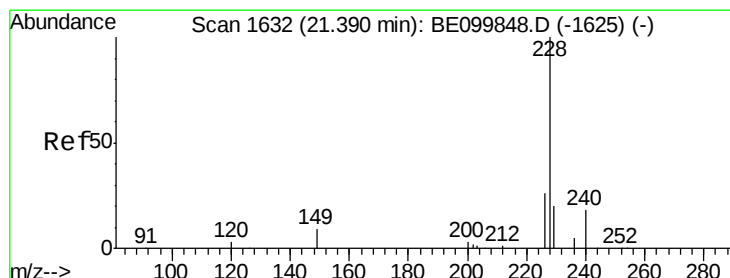
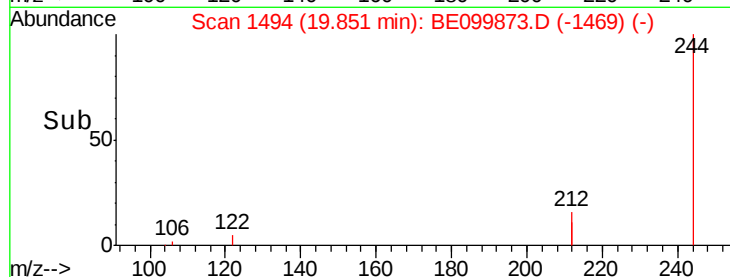
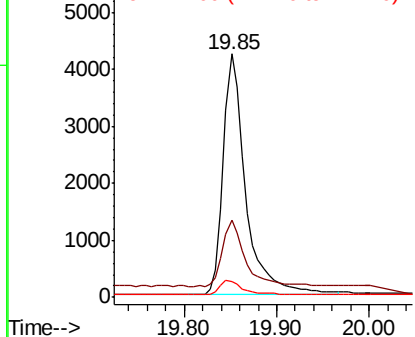
244 100

212 31.7 23.7 35.5

122 6.5 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: 0.401 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

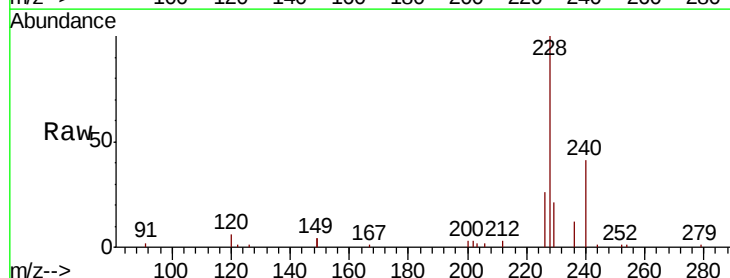
Tgt Ion:228 Resp: 12487

Ion Ratio Lower Upper

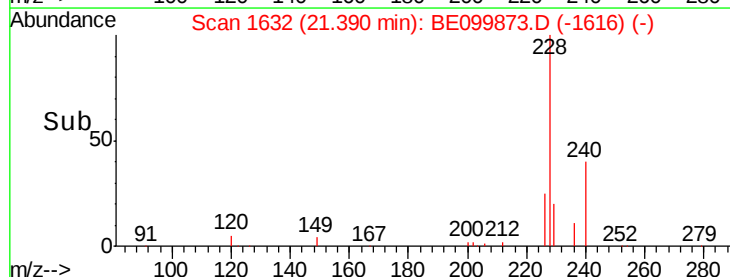
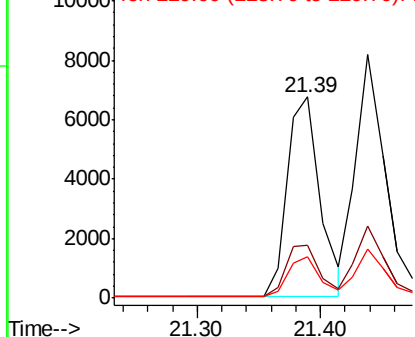
228 100

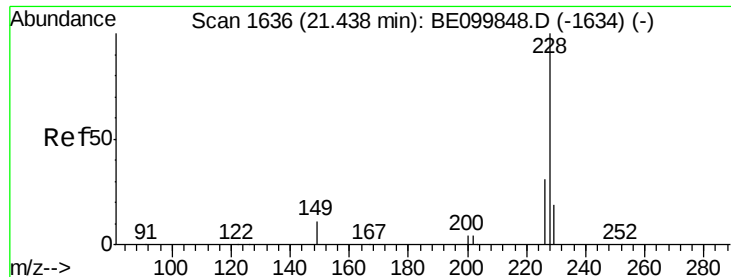
226 26.0 21.6 32.4

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: 0.441 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

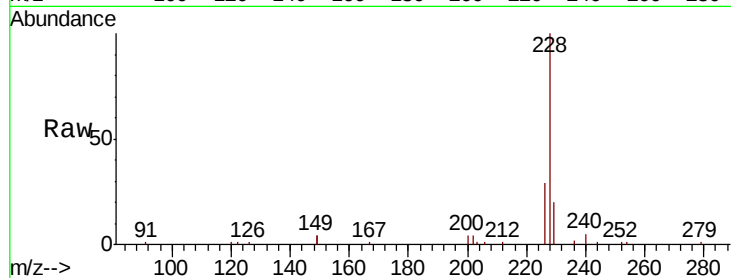
Tot Ion:228 Resp: 13482

Ion Ratio Lower Upper

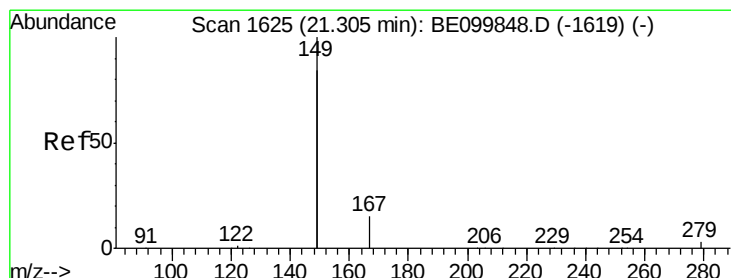
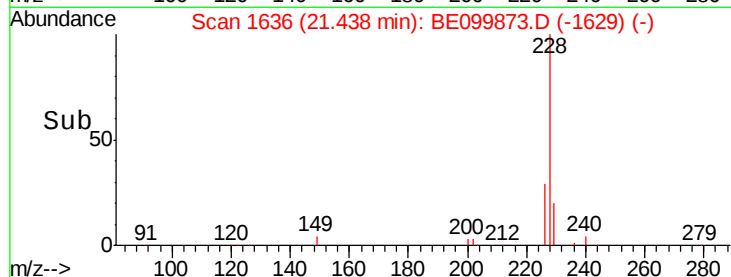
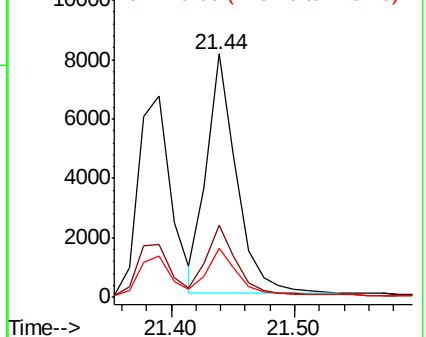
228 100

226 29.4 22.9 34.3

229 20.2 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: 0.333 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

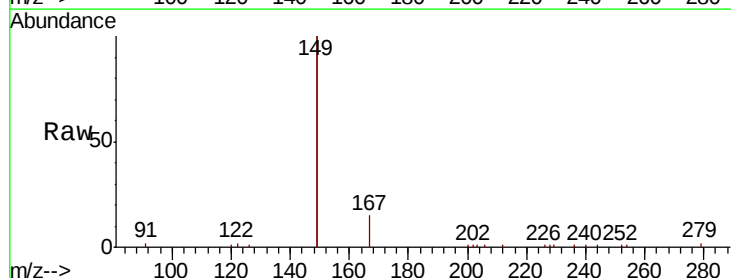
Tgt Ion:149 Resp: 16901

Ion Ratio Lower Upper

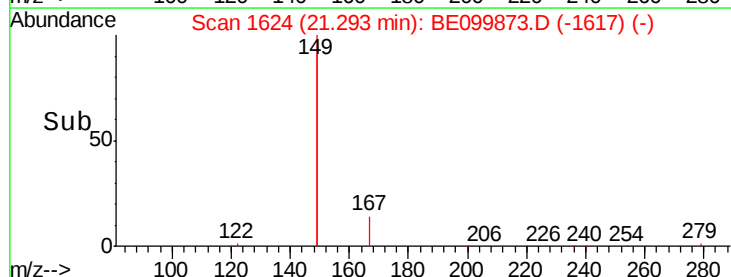
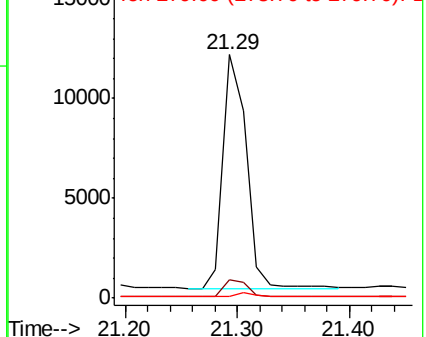
149 100

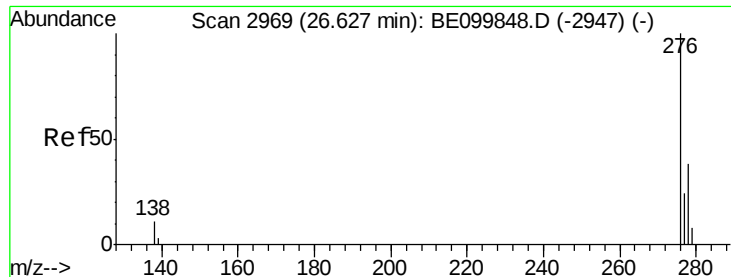
167 7.6 6.0 9.0

279 1.5 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

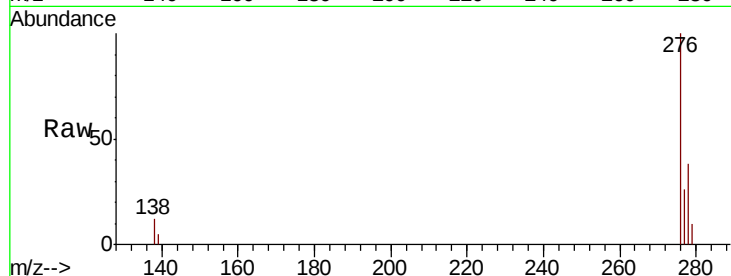




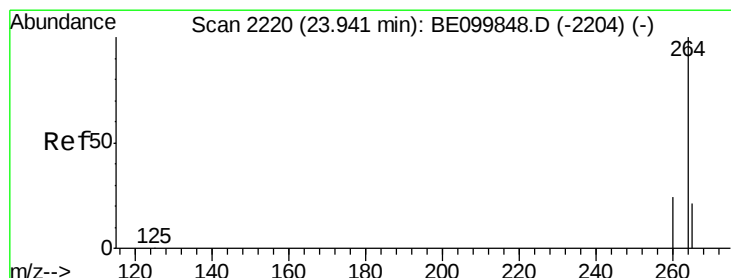
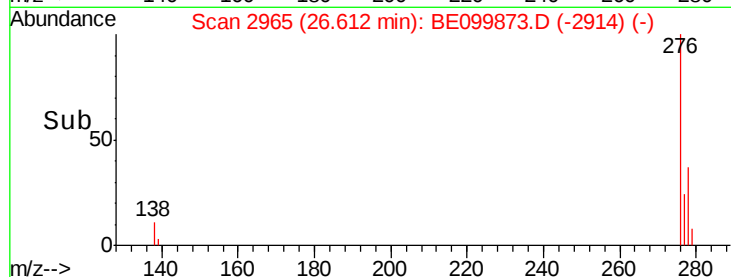
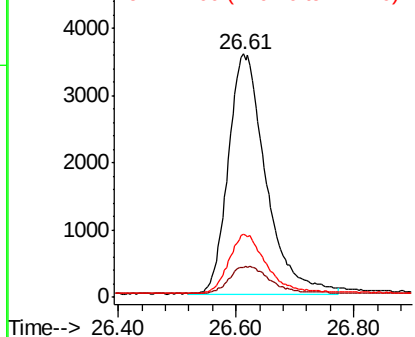
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 26.61 min Scan# 2965
Delta R.T. -0.02 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:276 Resp: 15781
Ion Ratio Lower Upper
276 100
138 12.2 10.3 15.5
277 24.6 19.4 29.2

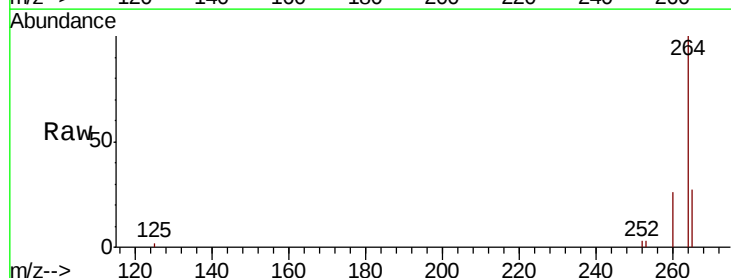


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

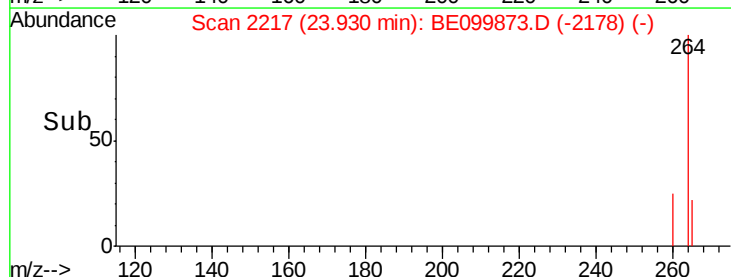
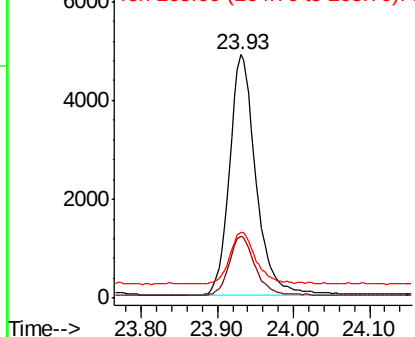


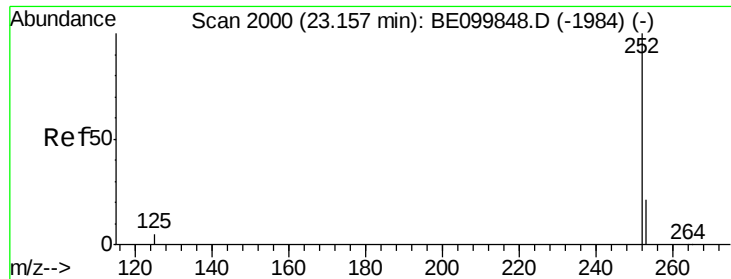
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:264 Resp: 11692
Ion Ratio Lower Upper
264 100
260 25.5 20.0 30.0
265 27.1 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

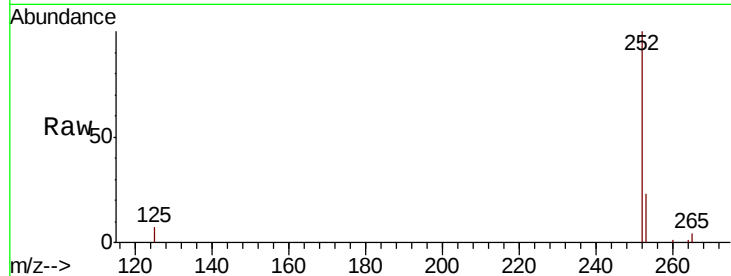




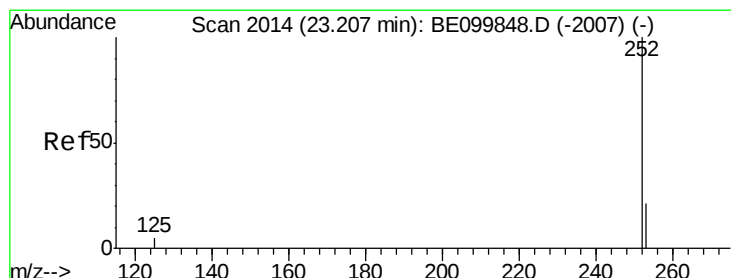
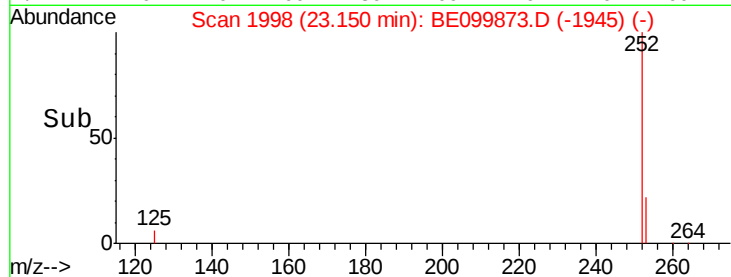
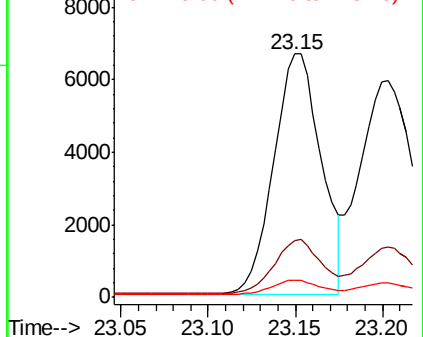
#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 12583
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 6.8 7.6 11.4#

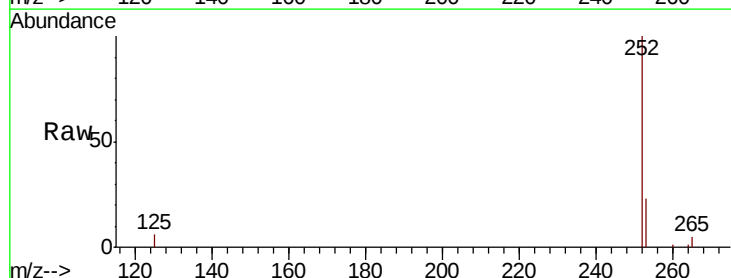


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

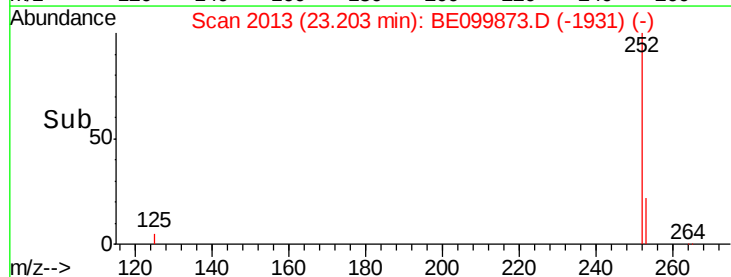
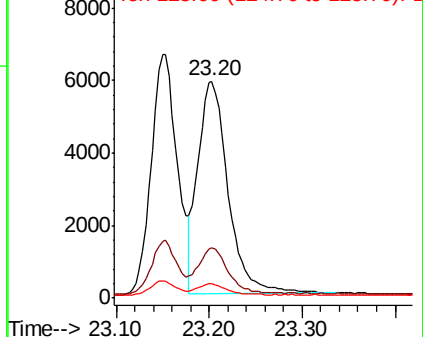


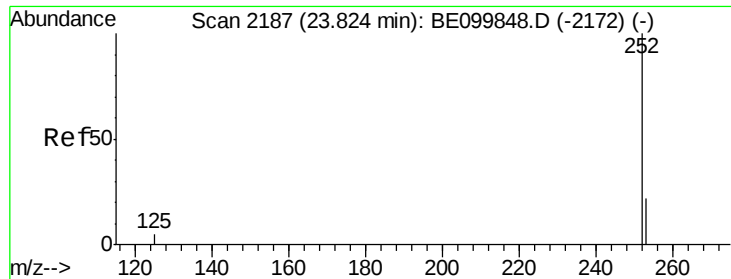
#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 23.20 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BE099873.D
Acq: 8 Jun 2019 5:58

Tgt Ion:252 Resp: 13256
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 6.5 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: 0.395 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

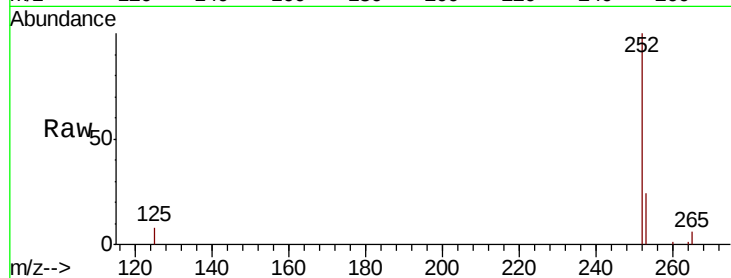
Tot Ion:252 Resp: 12447

Ion Ratio Lower Upper

252 100

253 24.0 19.3 28.9

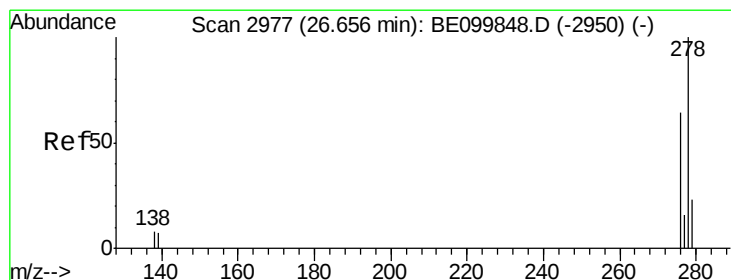
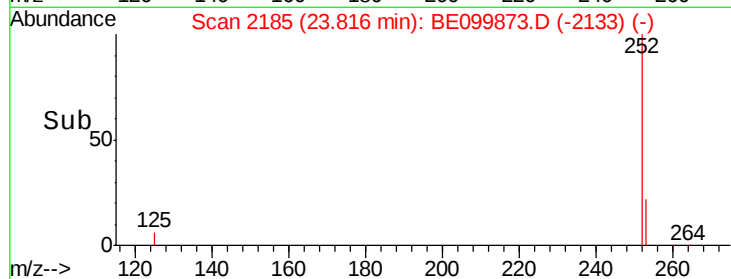
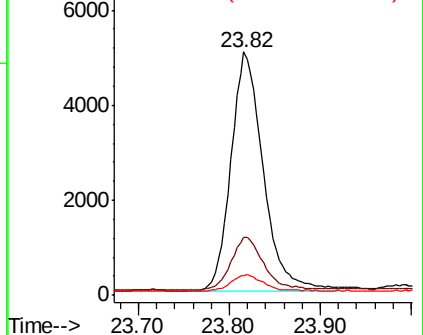
125 8.0 10.2 15.4#



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: 0.395 ng

RT: 26.64 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

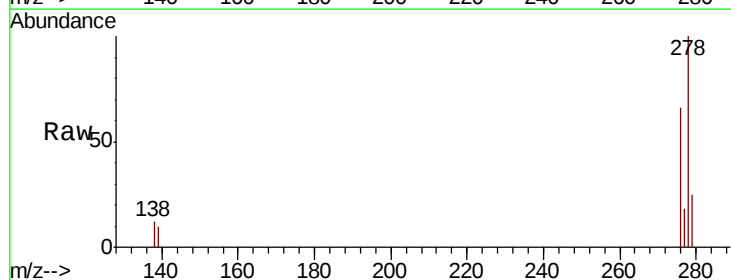
Tgt Ion:278 Resp: 12735

Ion Ratio Lower Upper

278 100

139 9.6 7.9 11.9

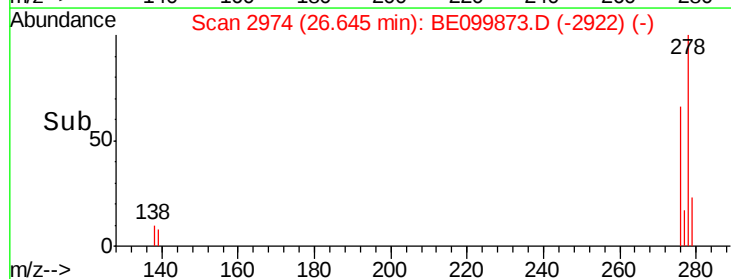
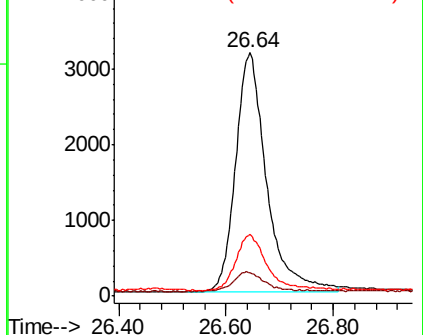
279 25.3 18.5 27.7

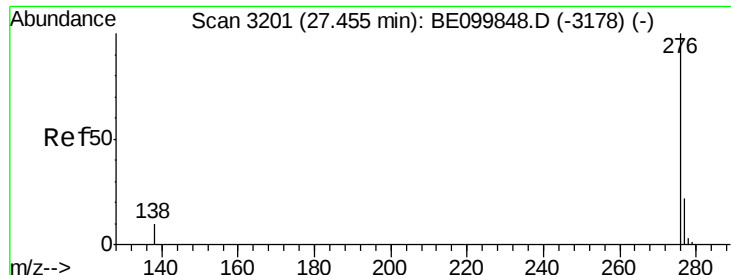


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.405 ng

RT: 27.44 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BE099873.D

Acq: 8 Jun 2019 5:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

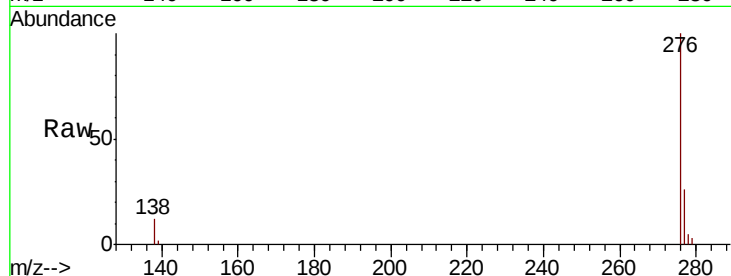
Tot Ion: 276 Resp: 13269

Ion Ratio Lower Upper

276 100

277 25.7 19.6 29.4

138 11.6 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

