

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099812.D
 Acq On : 5 Jun 2019 20:15
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc : MDL-SIM-0.1PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 06 01:41:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1061	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3719	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	2624	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	9251	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16832	0.40	ng	0.00
34) Perylene-d12	23.95	264	21110	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	843	0.33	ng	0.00
5) Phenol-d6	6.97	99	1089	0.33	ng	0.00
8) Nitrobenzene-d5	8.98	82	1075	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2263	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	463	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3521	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	49745	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	9967	0.36	ng	0.00

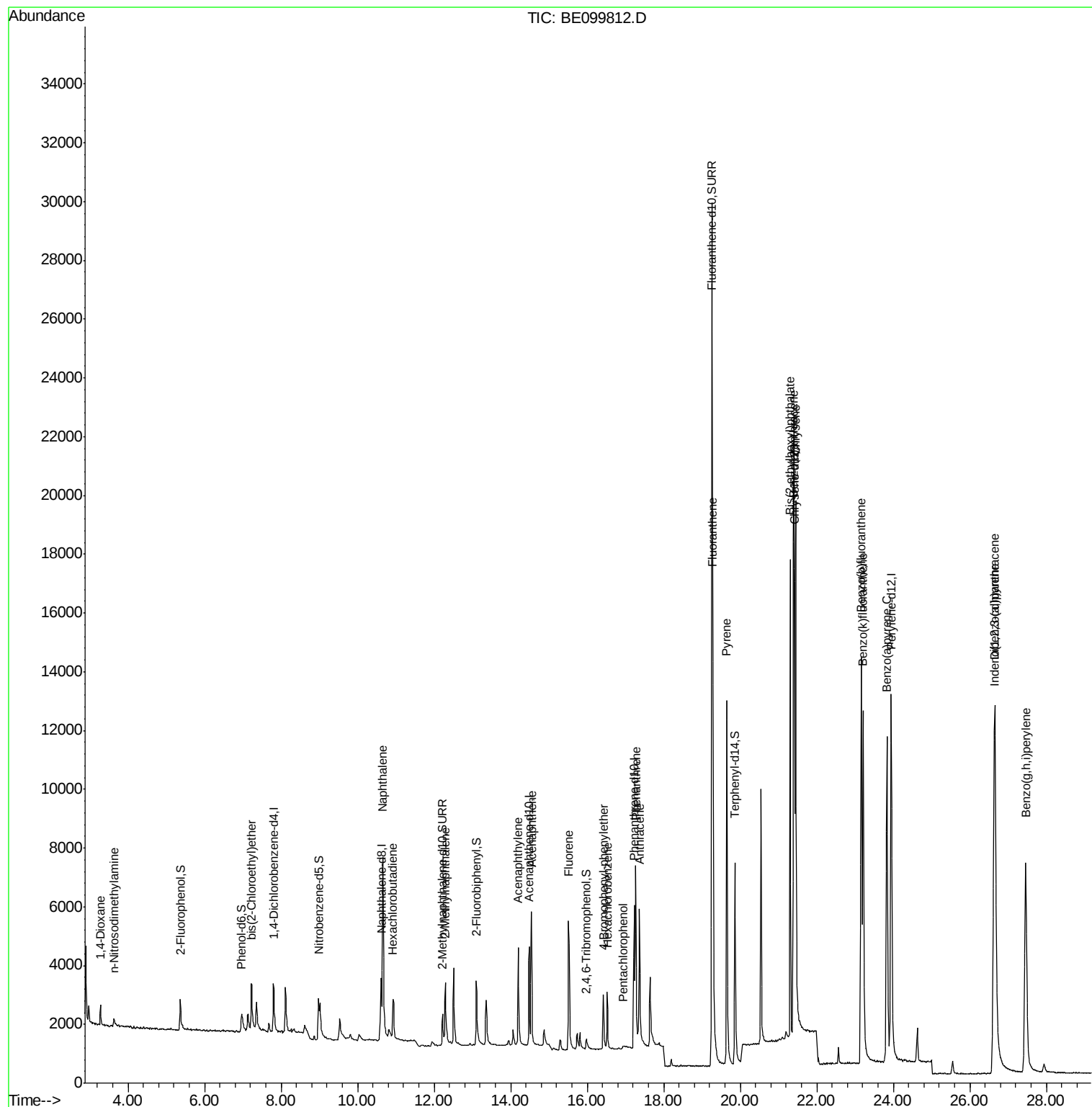
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	547	0.355	ng	98
3) n-Nitrosodimethylamine	3.63	42	215	0.263	ng	# 94
6) bis(2-Chloroethyl)ether	7.23	93	1052	0.361	ng	91
9) Naphthalene	10.65	128	14430	0.363	ng	99
10) Hexachlorobutadiene	10.93	225	1097	0.363	ng	98
12) 2-Methylnaphthalene	12.29	142	2134	0.337	ng	98
16) Acenaphthylene	14.20	152	4653	0.368	ng	99
17) Acenaphthene	14.54	154	2469	0.356	ng	99
18) Fluorene	15.51	166	3776	0.370	ng	96
20) 4-Bromophenyl-phenylether	16.43	248	1622	0.314	ng	# 83
21) Hexachlorobenzene	16.52	284	1940	0.343	ng	98
22) Pentachlorophenol	16.95	266	154	0.363	ng	95
23) Phenanthrene	17.27	178	7663	0.347	ng	99
24) Anthracene	17.36	178	6345	0.318	ng	100
26) Fluoranthene	19.29	202	14249	0.368	ng	100
28) Pyrene	19.65	202	14949	0.368	ng	99
30) Benzo(a)anthracene	21.39	228	18399	0.396	ng	100
31) Chrysene	21.45	228	19626	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	17506	0.328	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	26022	0.423	ng	99
35) Benzo(b)fluoranthene	23.16	252	21352	0.365	ng	# 98
36) Benzo(k)fluoranthene	23.21	252	21532	0.347	ng	99
37) Benzo(a)pyrene	23.83	252	20671	0.365	ng	97
38) Dibenzo(a,h)anthracene	26.66	278	20236	0.351	ng	97
39) Benzo(g,h,i)perylene	27.46	276	21530	0.356	ng	99

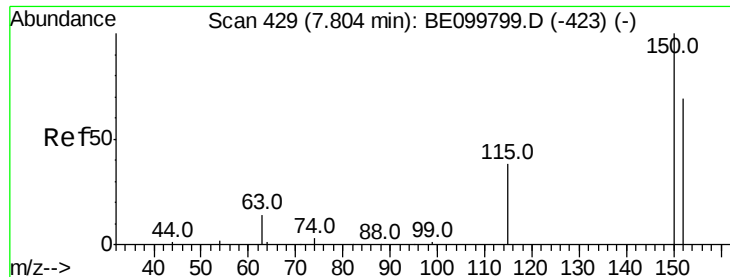
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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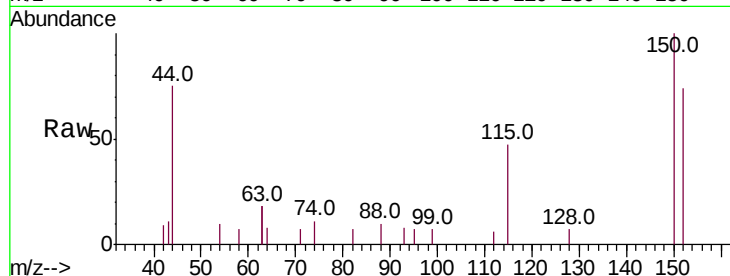


#1

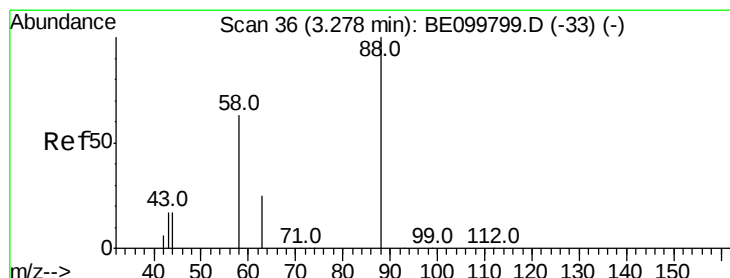
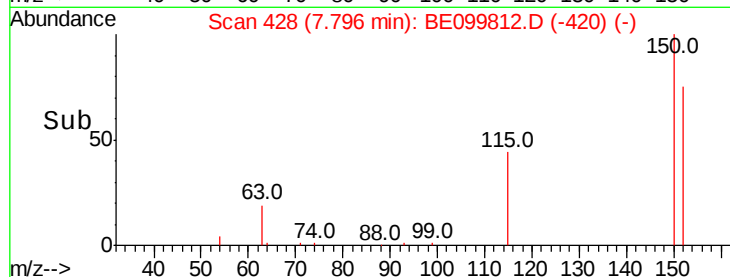
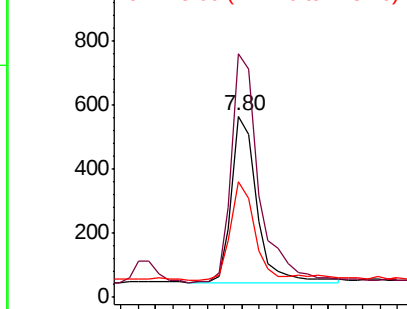
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099812.D
Acq: 5 Jun 2019 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1061
Ion Ratio Lower Upper
152 100
150 134.6 112.8 169.2
115 63.7 47.6 71.4



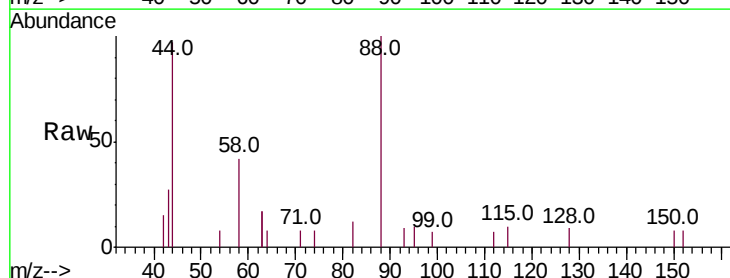
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



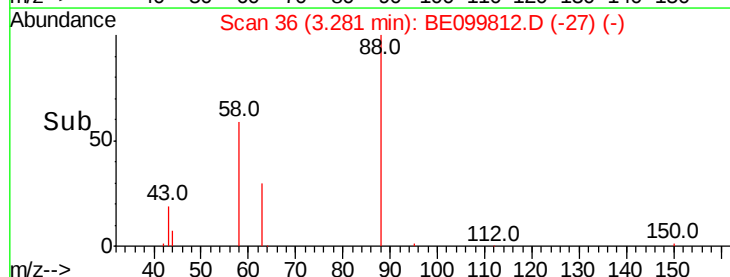
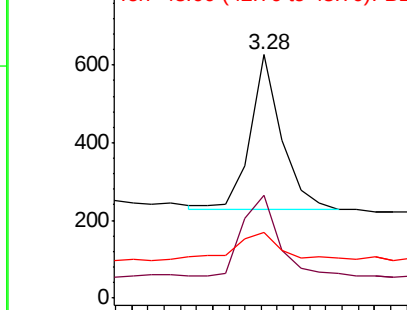
#2

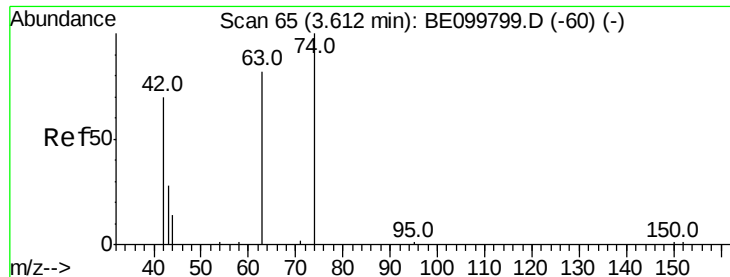
1,4-Dioxane
Concen: 0.355 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099812.D
Acq: 5 Jun 2019 20:15

Tgt Ion: 88 Resp: 547
Ion Ratio Lower Upper
88 100
58 59.0 47.3 70.9
43 25.4 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: 0.263 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

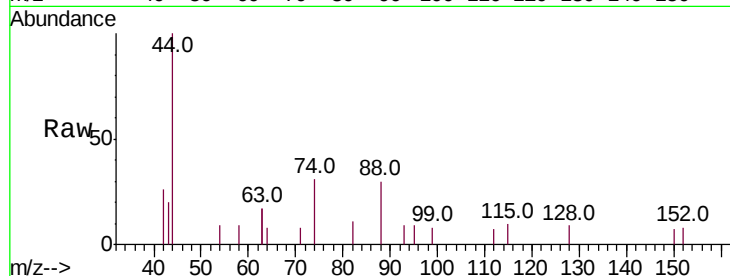
Tot Ion: 42 Resp: 215

Ion Ratio Lower Upper

42 100

74 169.8 132.6 198.8

44 32.6 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

800

600

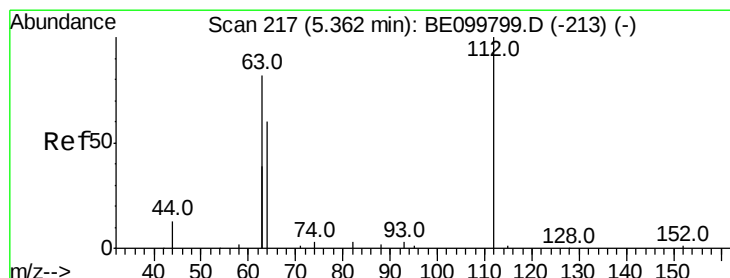
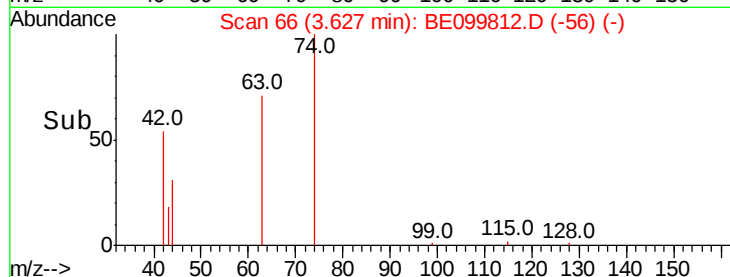
400

200

0

3.55 3.60 3.65

Time-->



#4

2-Fluorophenol

Concen: 0.326 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

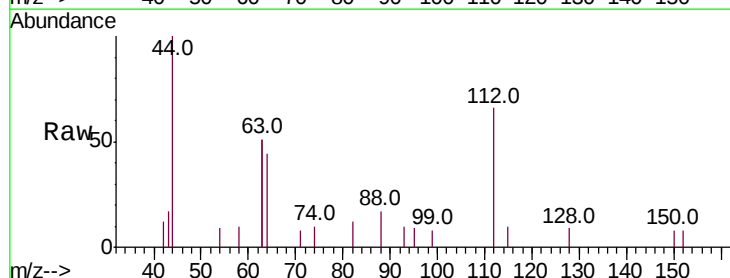
Tgt Ion: 112 Resp: 843

Ion Ratio Lower Upper

112 100

64 56.1 47.2 70.8

63 119.0 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

800

600

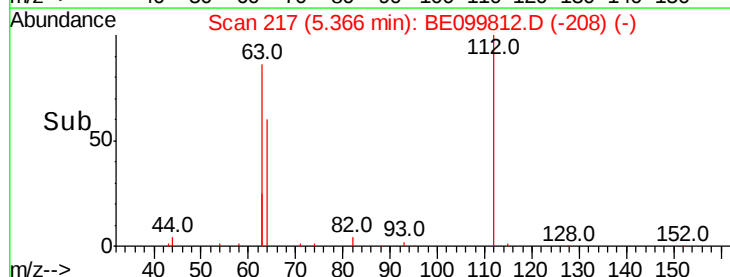
400

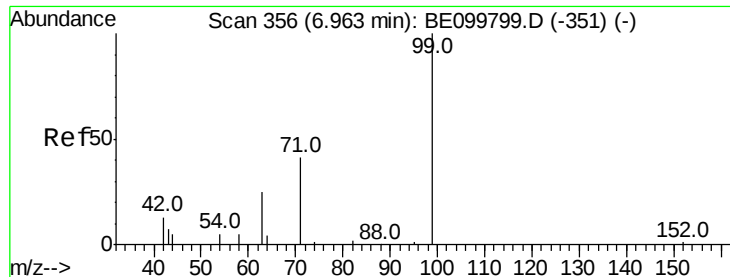
200

0

5.30 5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

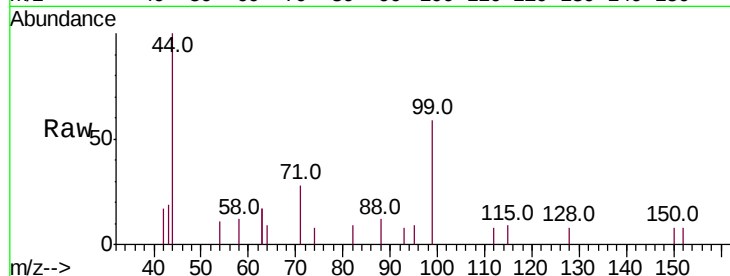
Tot Ion: 99 Resp: 1089

Ion Ratio Lower Upper

99 100

42 16.3 11.0 16.4

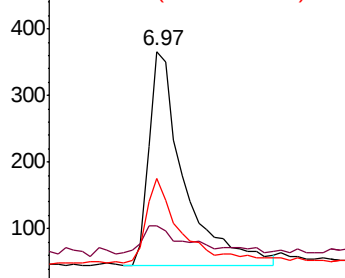
71 37.6 26.1 39.1



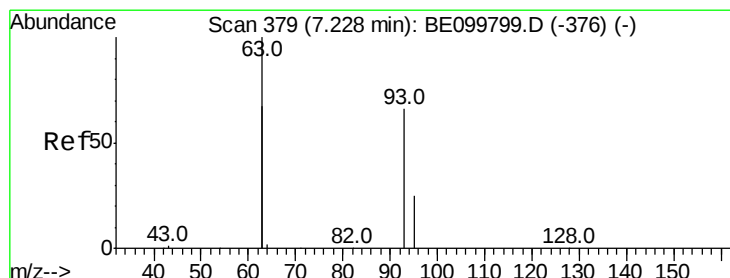
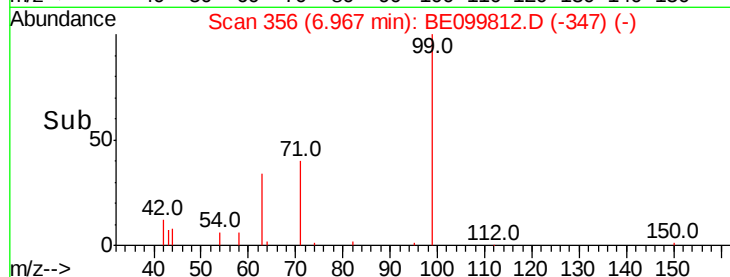
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.361 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

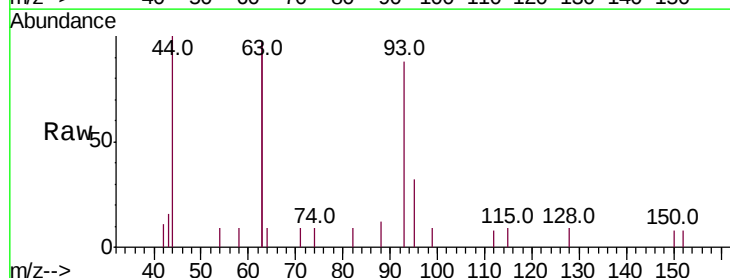
Tgt Ion: 93 Resp: 1052

Ion Ratio Lower Upper

93 100

63 244.6 208.8 313.2

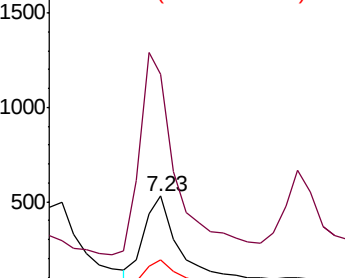
95 31.8 27.6 41.4



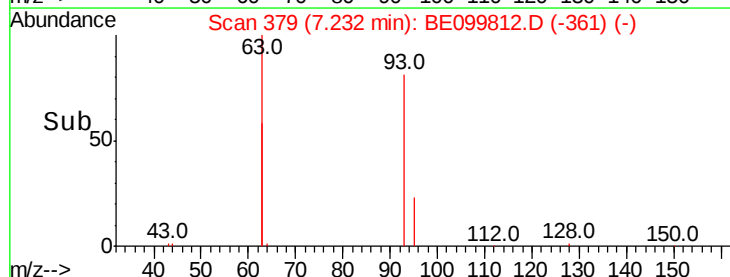
Abundance Ion 93.00 (92.70 to 93.70): BE0

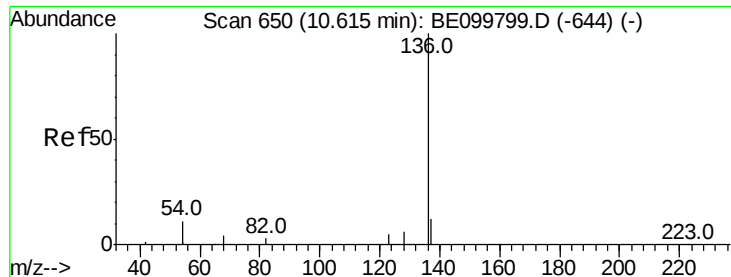
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 3719

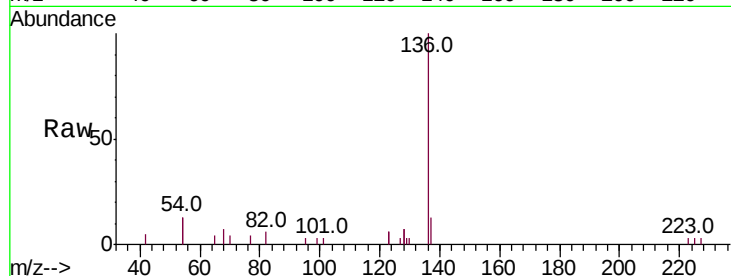
Ion Ratio Lower Upper

136 100

137 13.3 11.1 16.7

54 26.8 17.9 26.9

68 6.8 5.4 8.0

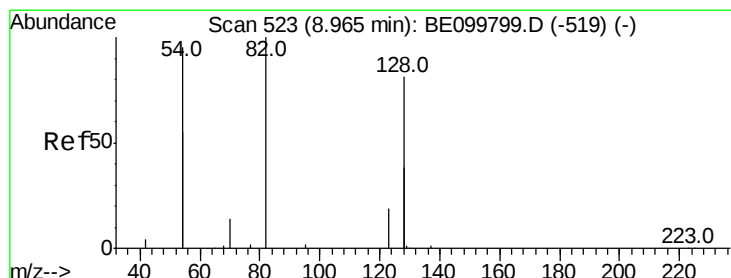
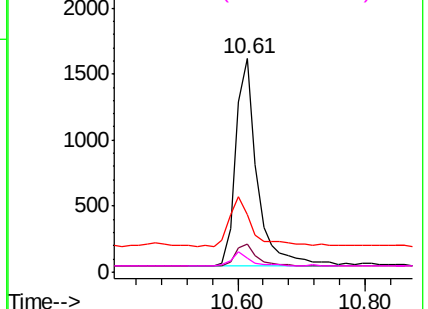
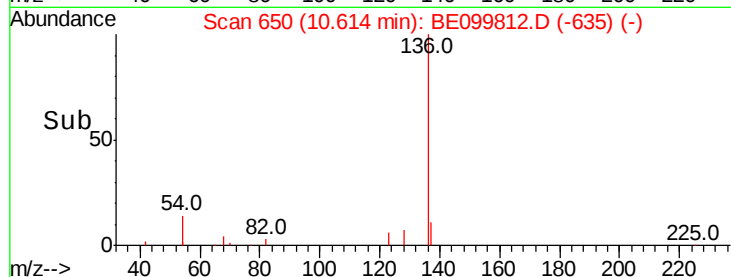


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.329 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

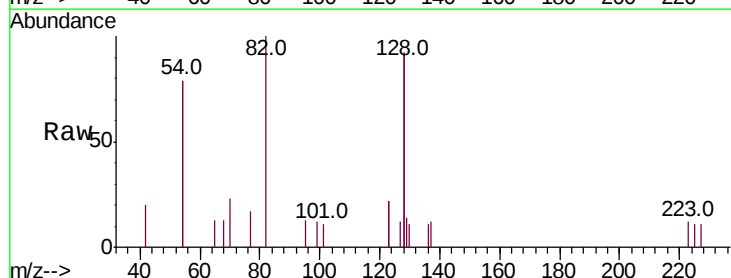
Tgt Ion: 82 Resp: 1075

Ion Ratio Lower Upper

82 100

128 183.9 116.6 175.0#

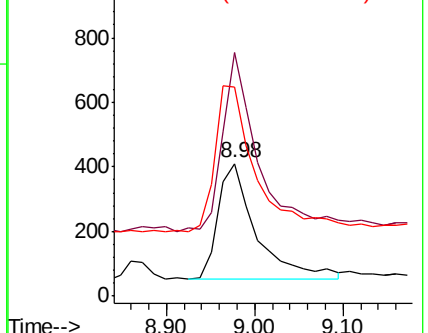
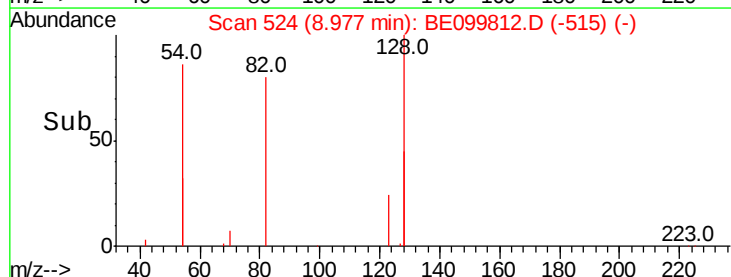
54 158.0 136.2 204.4

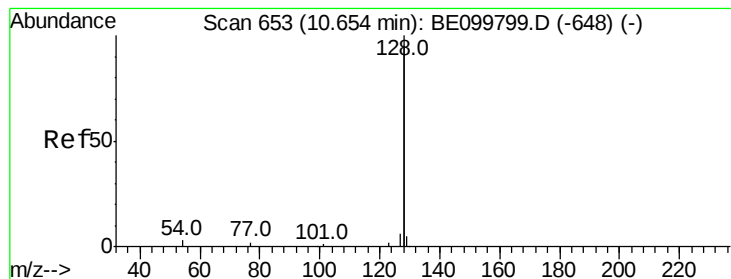


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.363 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

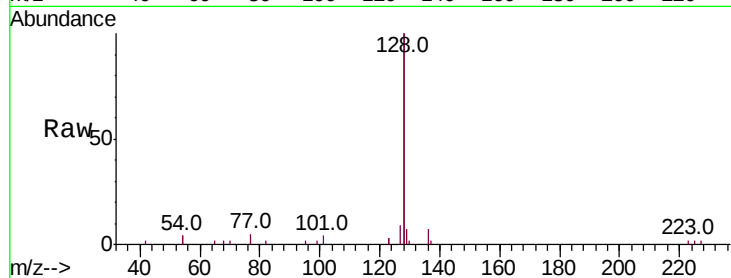
Tot Ion:128 Resp: 14430

Ion Ratio Lower Upper

128 100

129 3.5 2.6 4.0

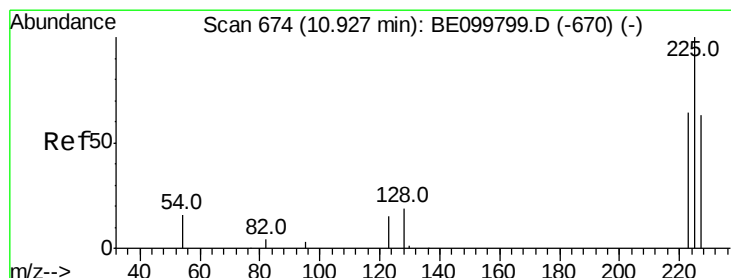
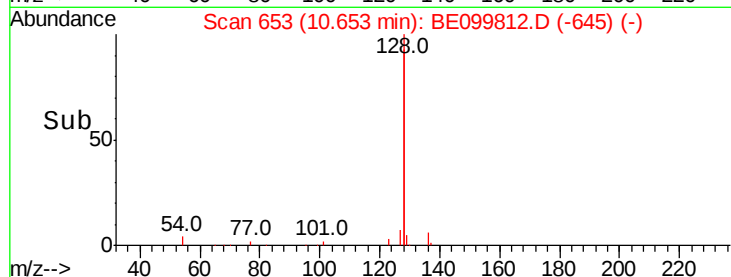
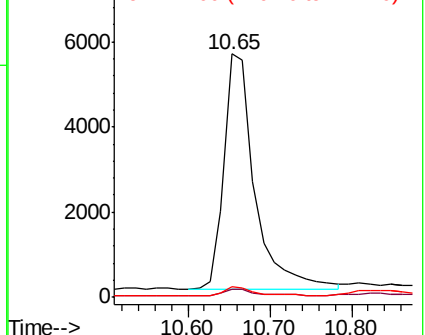
127 4.3 3.0 4.6



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: 0.363 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

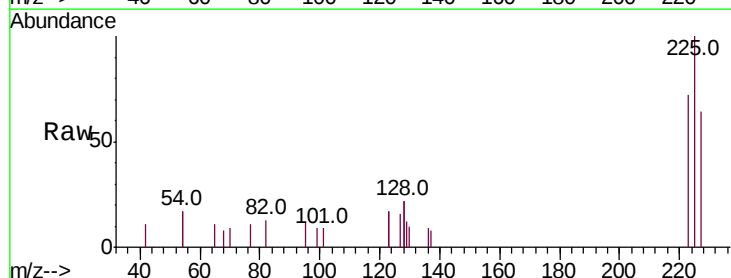
Tgt Ion:225 Resp: 1097

Ion Ratio Lower Upper

225 100

223 64.0 48.6 72.8

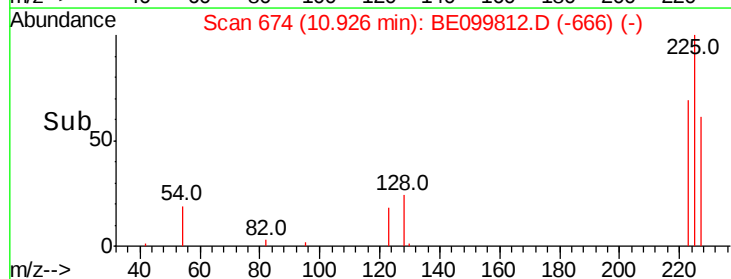
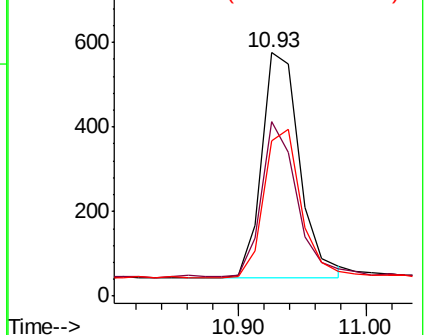
227 64.3 51.6 77.4

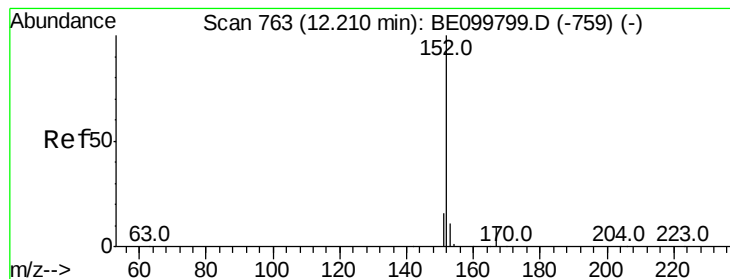


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

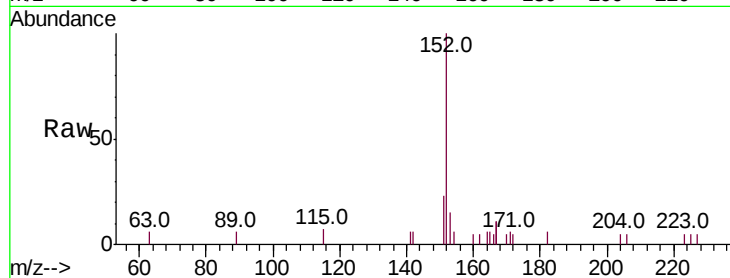
SSTDCCC0.4EC

Tot Ion:152 Resp: 2263

Ion Ratio Lower Upper

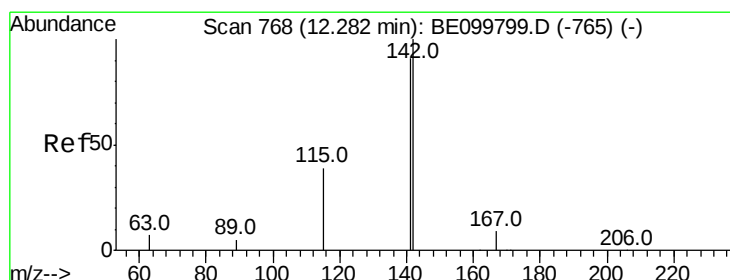
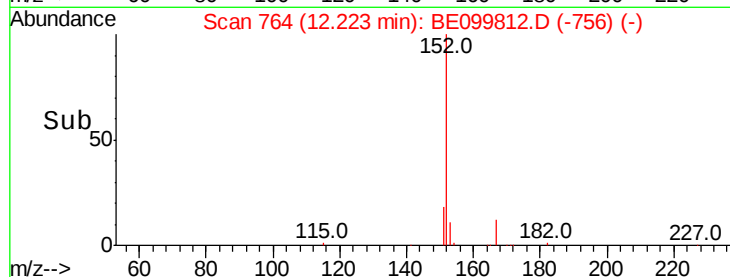
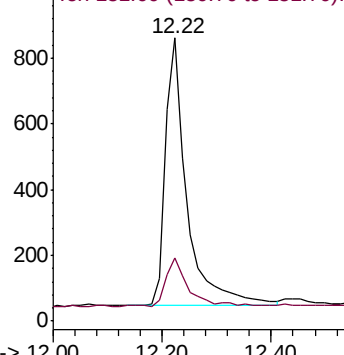
152 100

151 17.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.337 ng

RT: 12.29 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

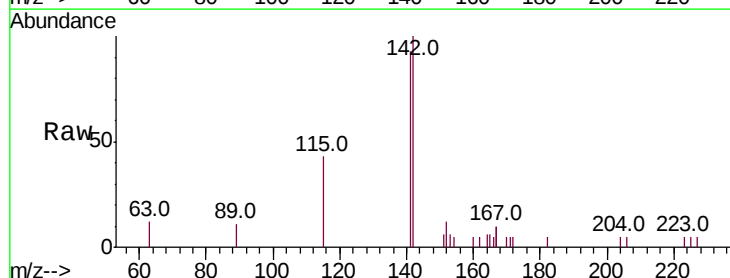
Tgt Ion:142 Resp: 2134

Ion Ratio Lower Upper

142 100

141 93.0 73.3 109.9

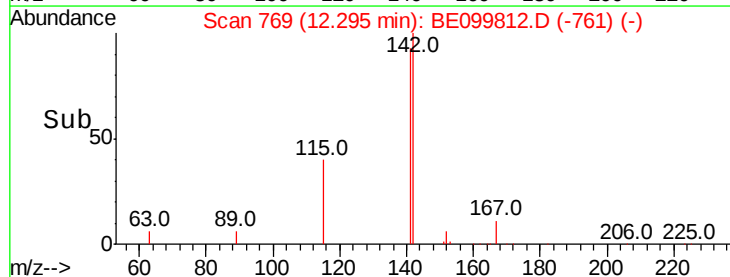
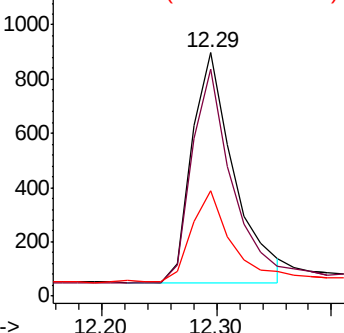
115 43.2 33.4 50.2

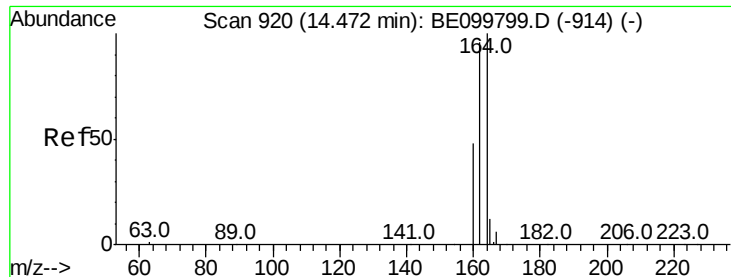


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

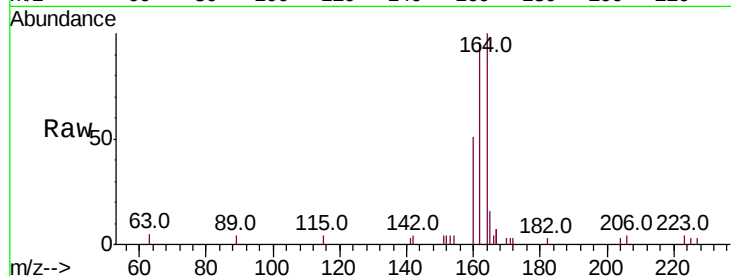




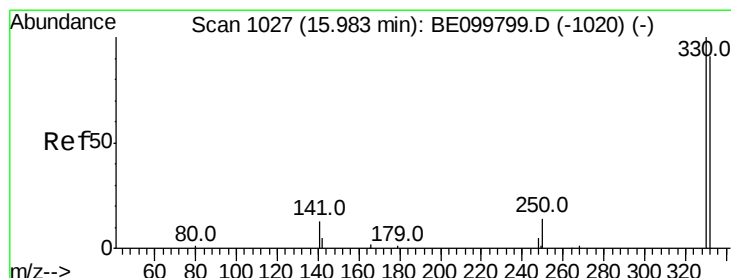
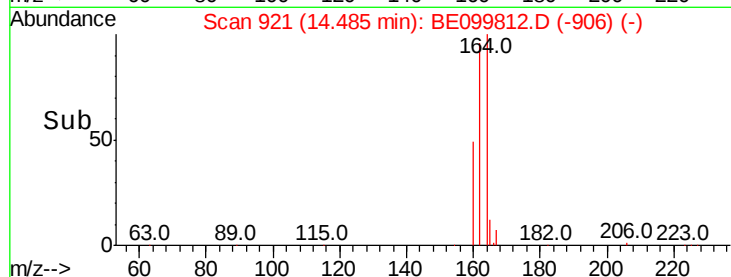
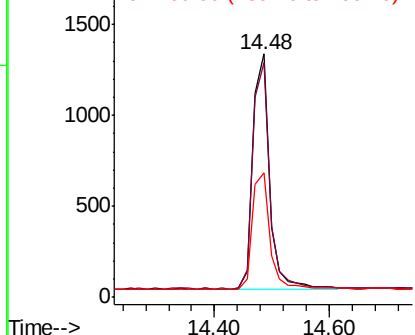
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099812.D
Acq: 5 Jun 2019 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 2624
Ion Ratio Lower Upper
164 100
162 96.2 77.2 115.8
160 51.2 39.4 59.2

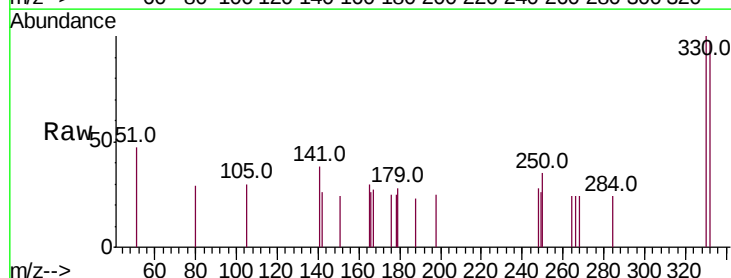


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

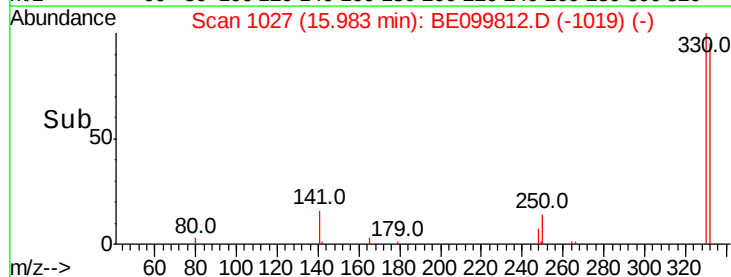
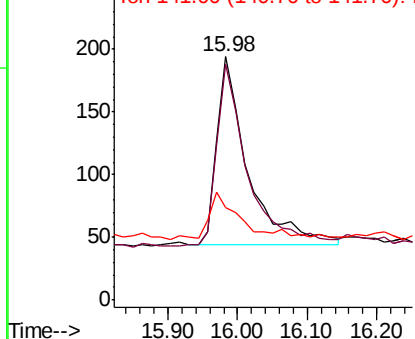


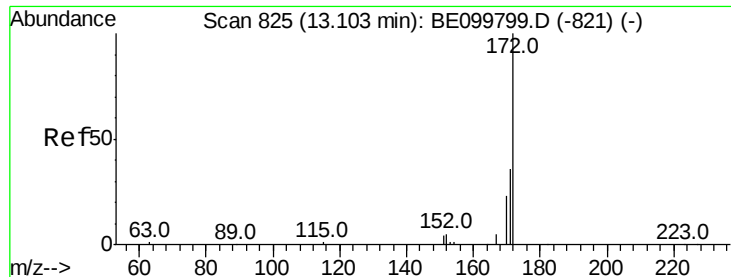
#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099812.D
Acq: 5 Jun 2019 20:15

Tgt Ion:330 Resp: 463
Ion Ratio Lower Upper
330 100
332 96.1 74.9 112.3
141 23.3 16.0 24.0



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

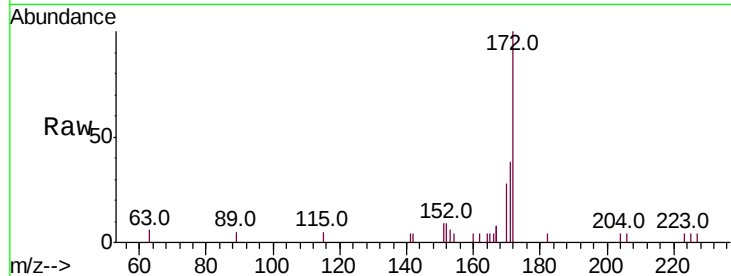




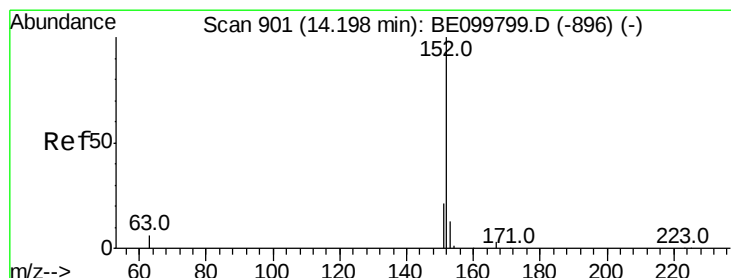
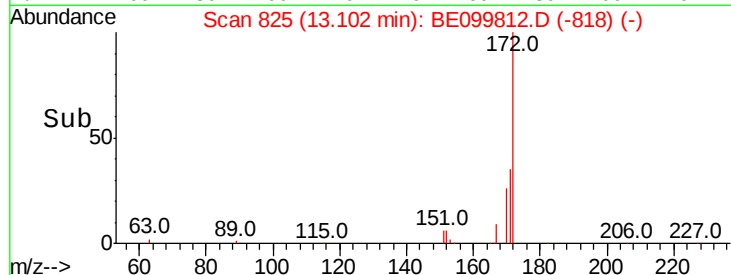
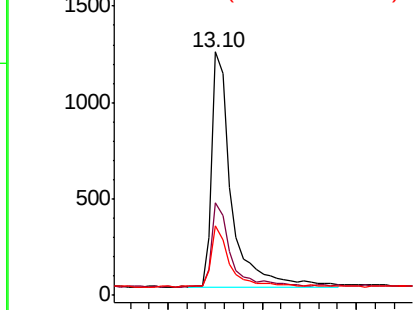
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099812.D
Acq: 5 Jun 2019 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 3521
Ion Ratio Lower Upper
172 100
171 37.8 30.2 45.4
170 28.4 20.1 30.1

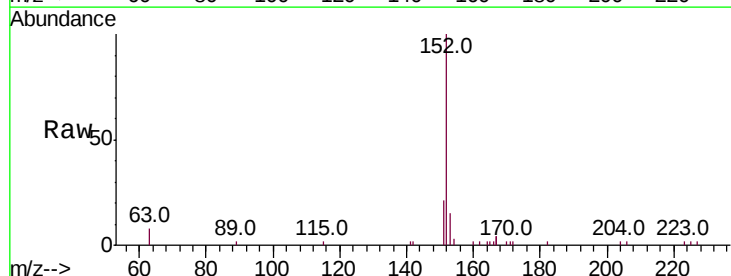


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

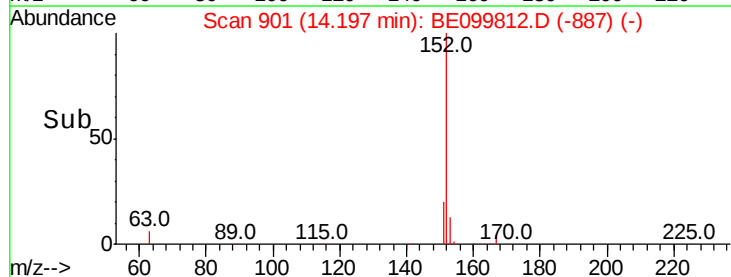
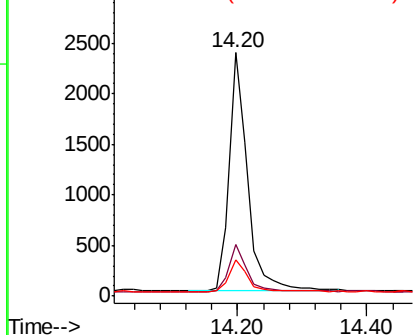


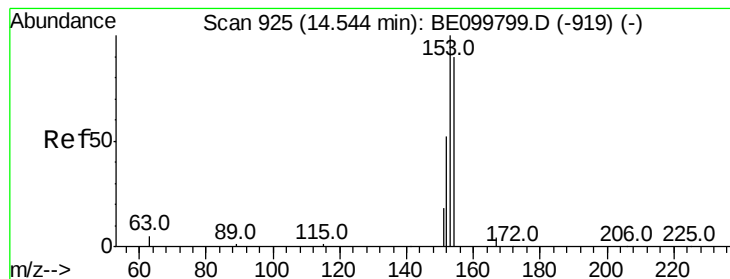
#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099812.D
Acq: 5 Jun 2019 20:15

Tgt Ion:152 Resp: 4653
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.3 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: 0.356 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

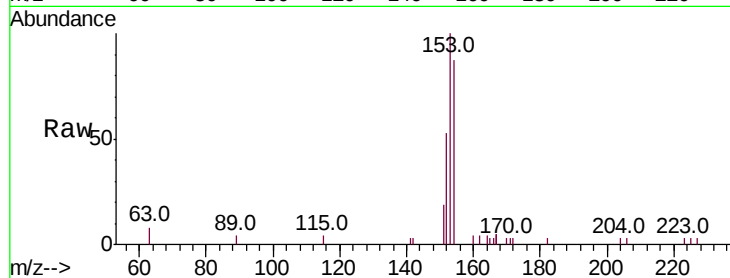
Tot Ion:154 Resp: 2469

Ion Ratio Lower Upper

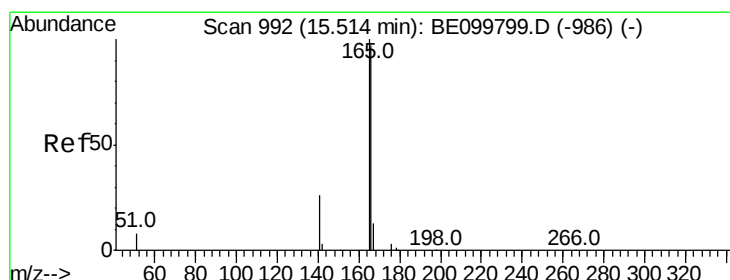
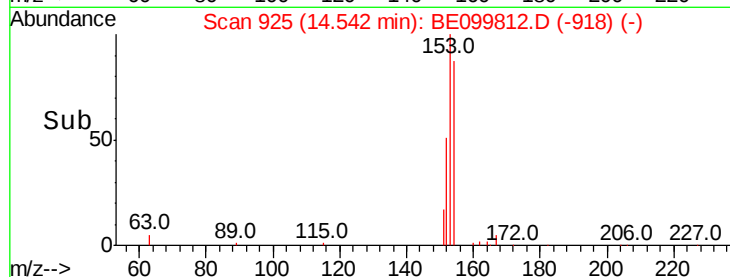
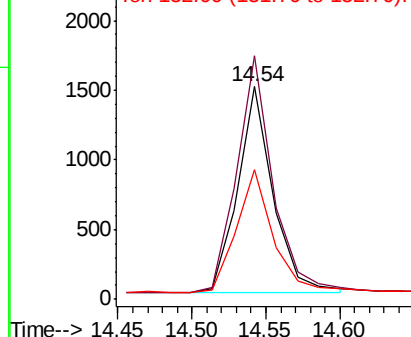
154 100

153 117.5 93.8 140.6

152 61.7 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: 0.370 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

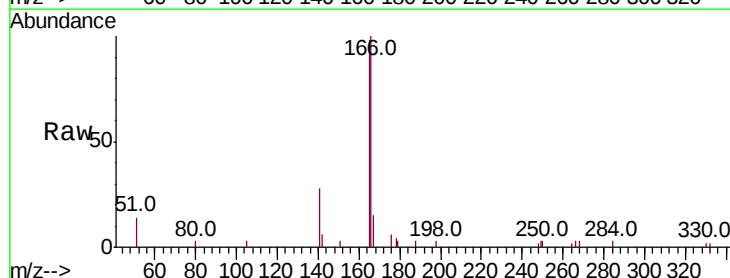
Tgt Ion:166 Resp: 3776

Ion Ratio Lower Upper

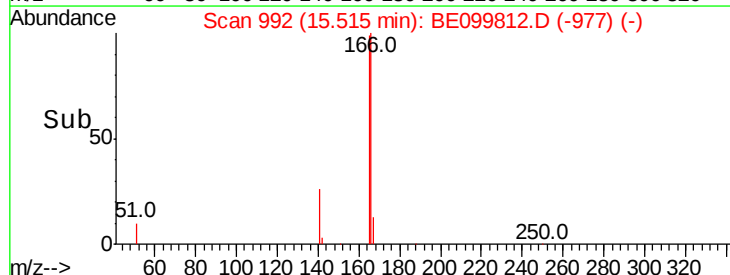
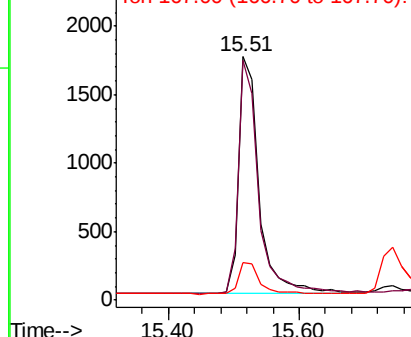
166 100

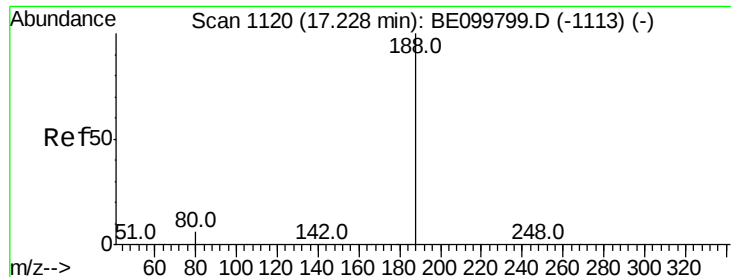
165 96.6 80.4 120.6

167 14.1 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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

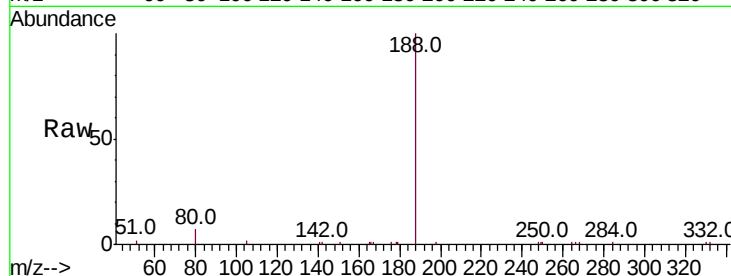
Tot Ion:188 Resp: 9251

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

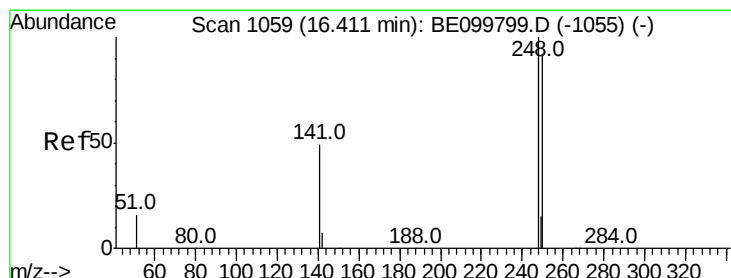
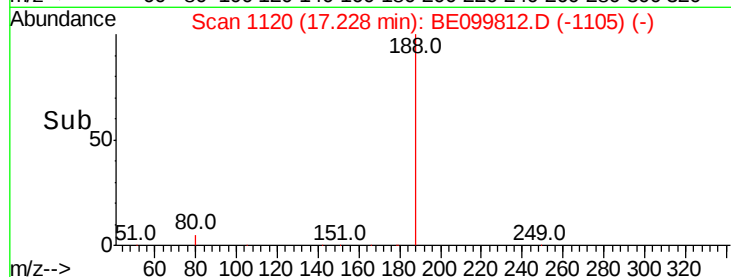
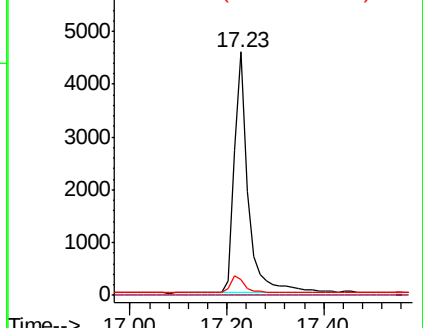
80 6.6 5.2 7.8



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: 0.314 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

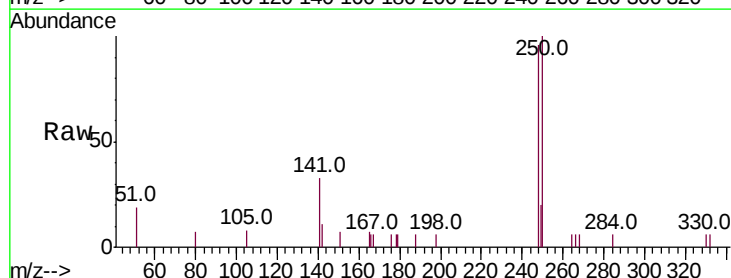
Tgt Ion:248 Resp: 1622

Ion Ratio Lower Upper

248 100

250 104.4 73.7 110.5

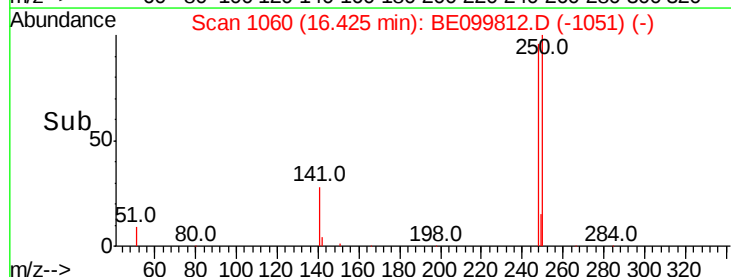
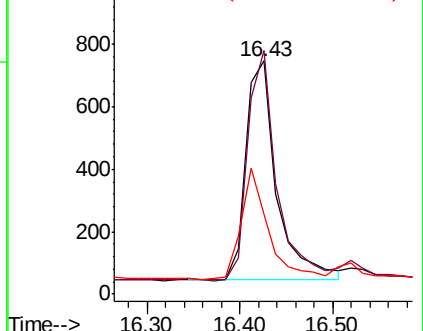
141 34.2 40.9 61.3#

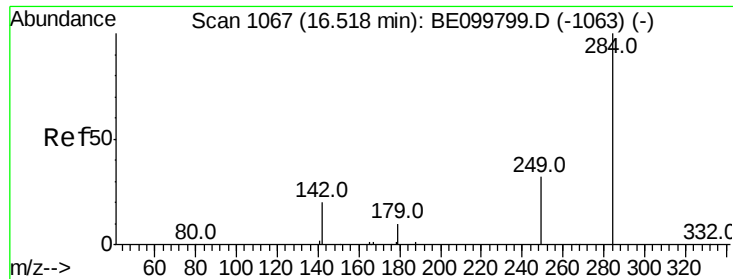


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.343 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

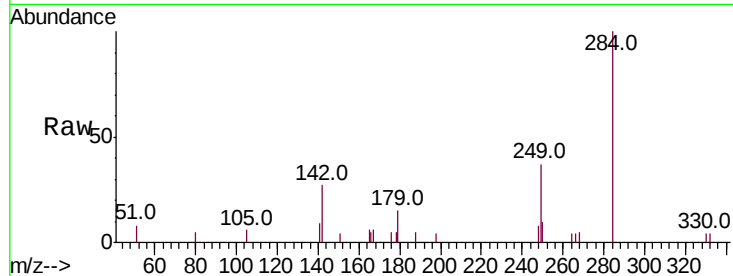
Tot Ion:284 Resp: 1940

Ion Ratio Lower Upper

284 100

142 21.6 16.2 24.4

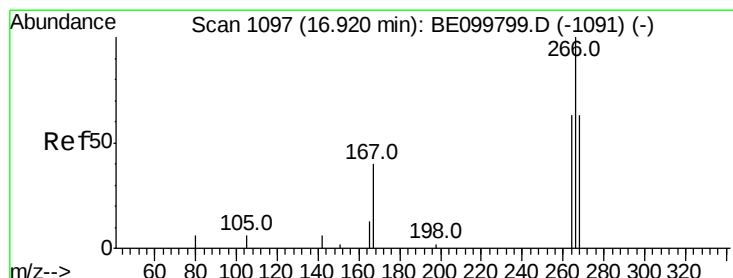
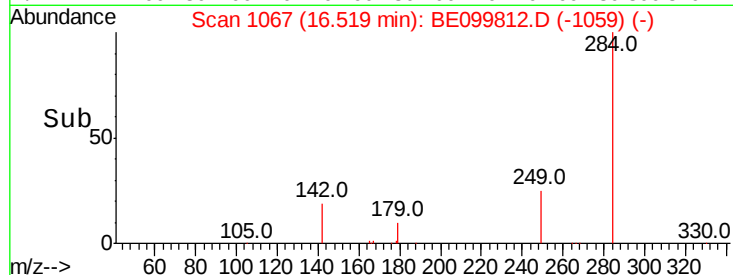
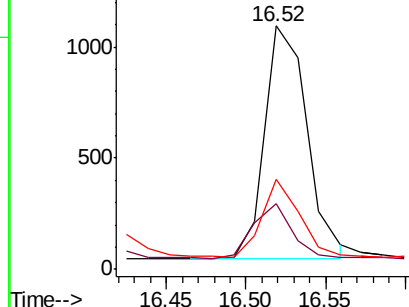
249 28.5 23.1 34.7



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: 0.363 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.03 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

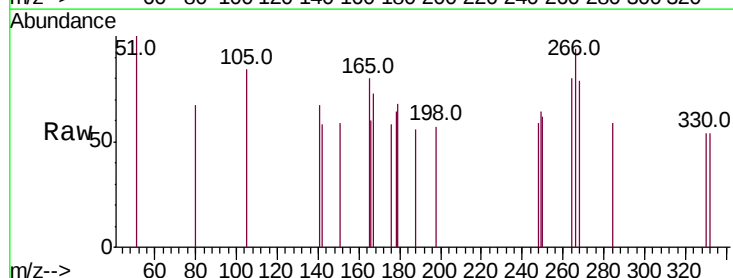
Tgt Ion:266 Resp: 154

Ion Ratio Lower Upper

266 100

264 85.5 64.9 97.3

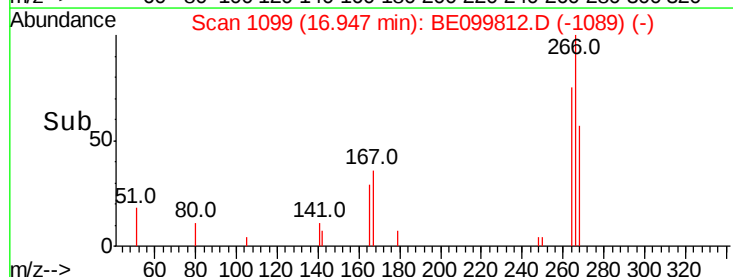
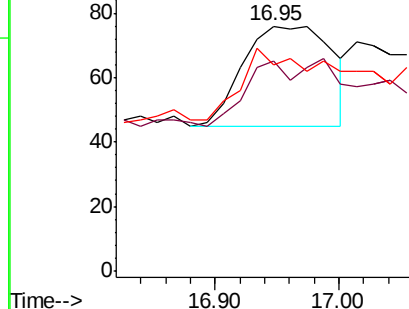
268 84.2 64.0 96.0

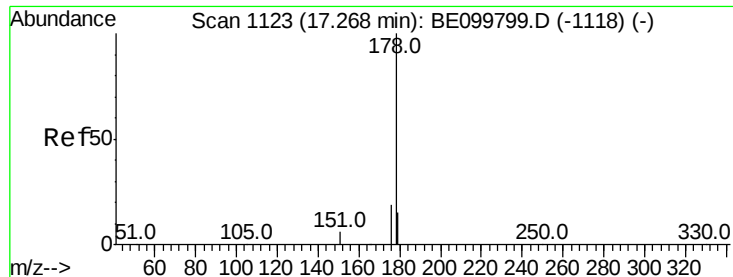


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.347 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

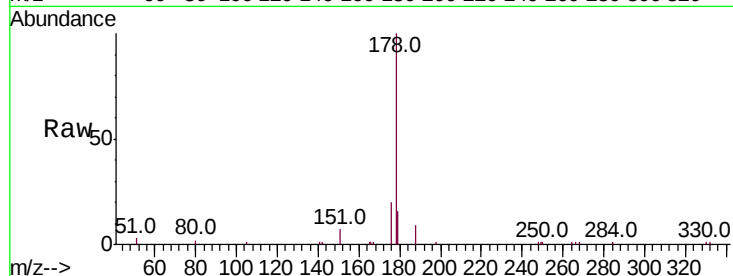
Tot Ion:178 Resp: 7663

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

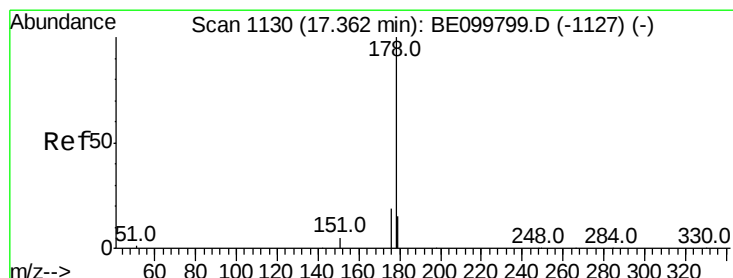
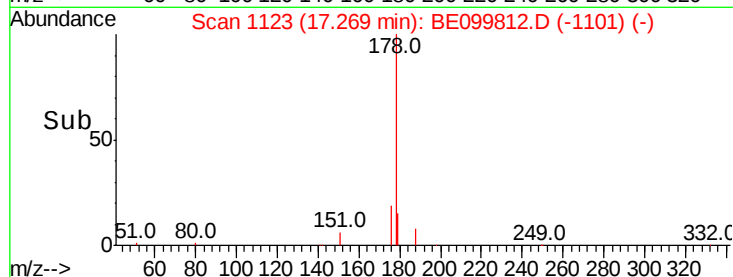
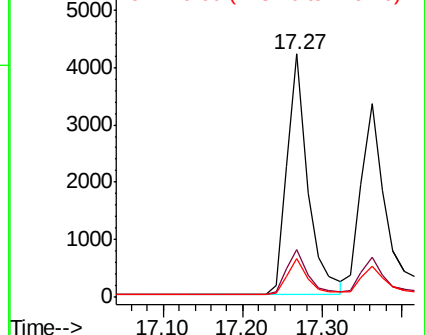
179 15.1 12.5 18.7



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: 0.318 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

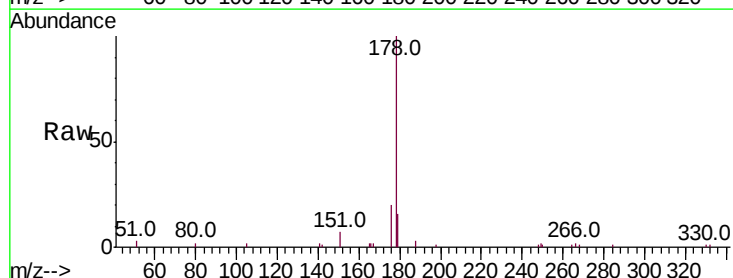
Tgt Ion:178 Resp: 6345

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

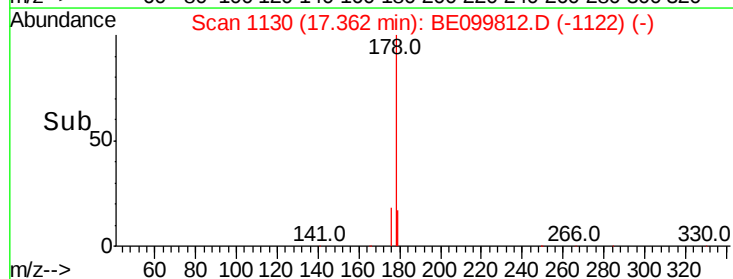
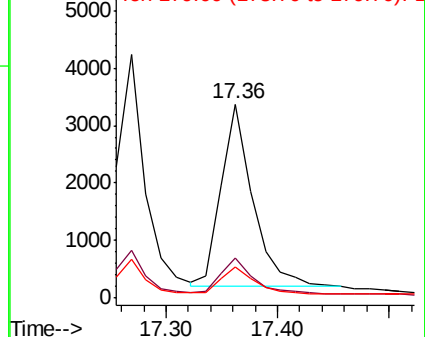
179 15.1 12.1 18.1

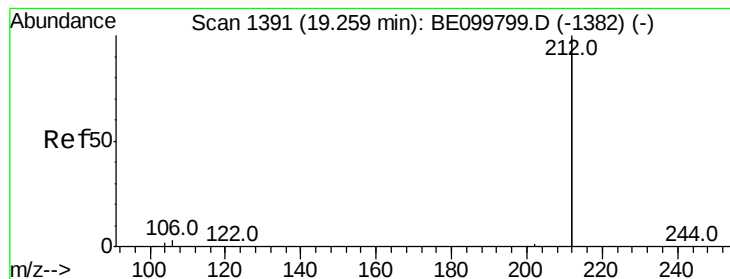


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

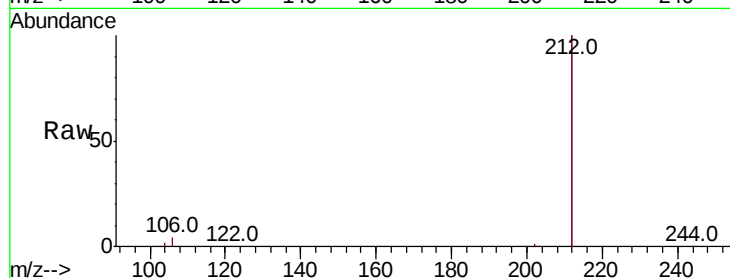
Tot Ion:212 Resp: 49745

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

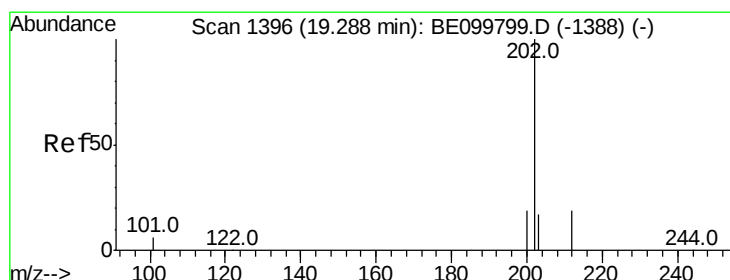
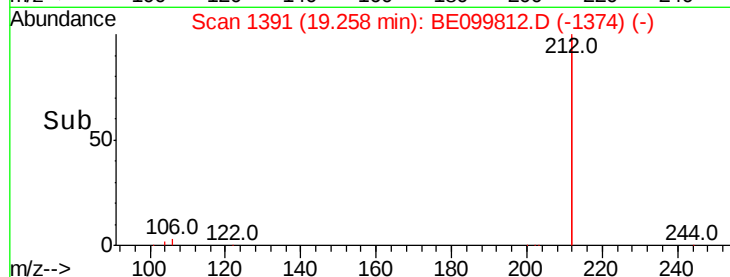
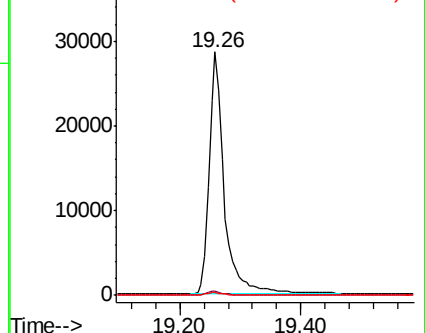
104 1.0 0.8 1.2



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: 0.368 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

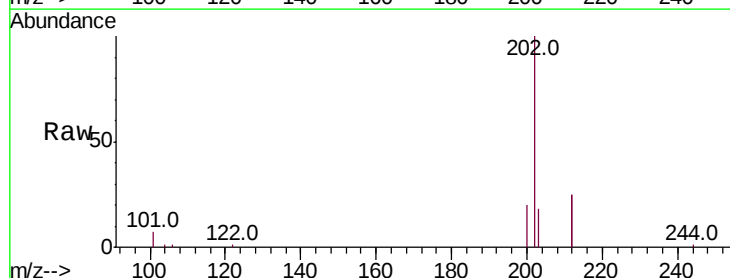
Tgt Ion:202 Resp: 14249

Ion Ratio Lower Upper

202 100

101 6.7 5.2 7.8

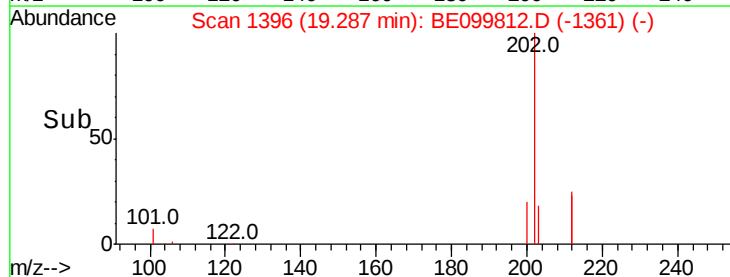
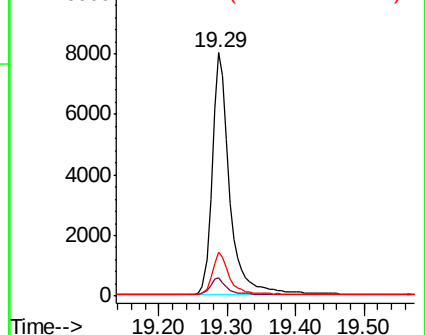
203 16.8 13.6 20.4

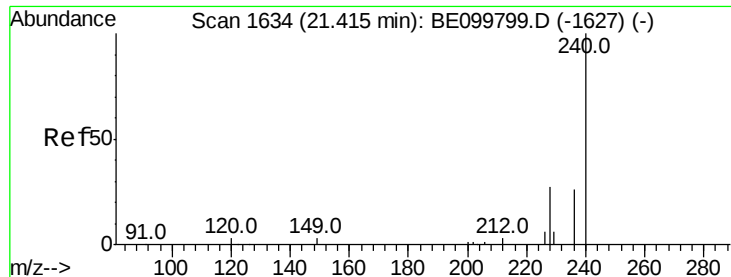


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

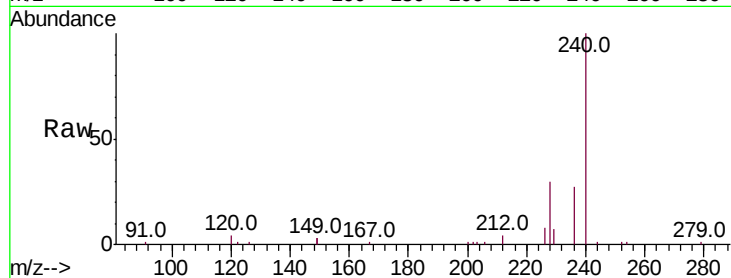
Tot Ion:240 Resp: 16832

Ion Ratio Lower Upper

240 100

120 3.9 2.8 4.2

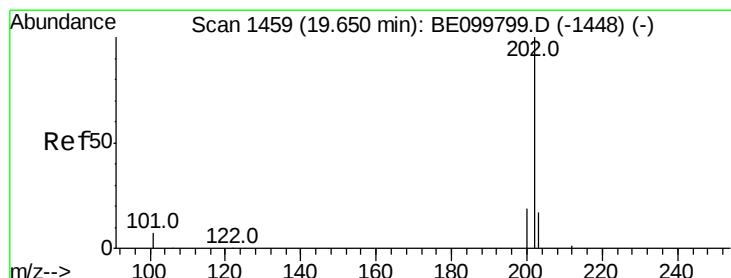
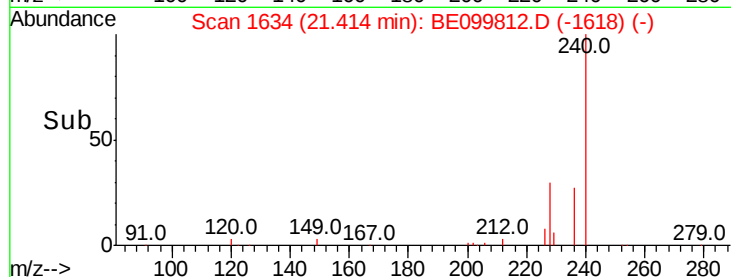
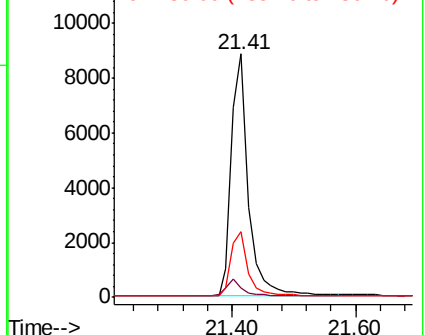
236 27.2 20.9 31.3



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: 0.368 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

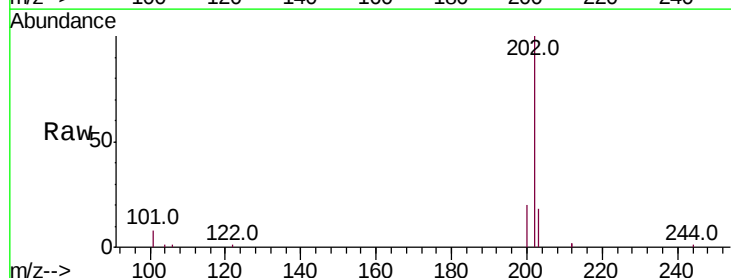
Tgt Ion:202 Resp: 14949

Ion Ratio Lower Upper

202 100

200 19.4 15.6 23.4

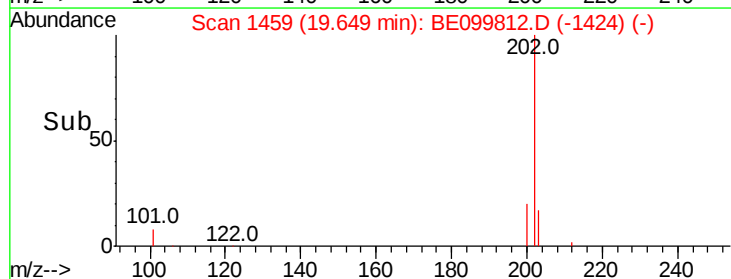
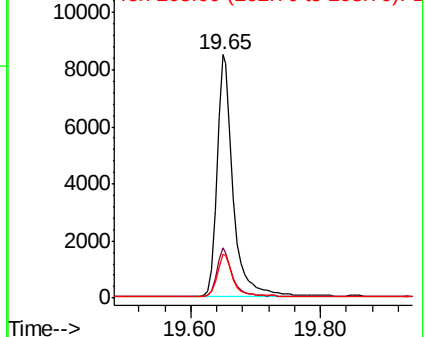
203 17.1 14.1 21.1

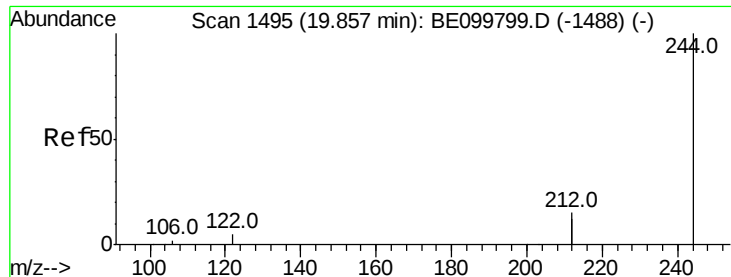


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

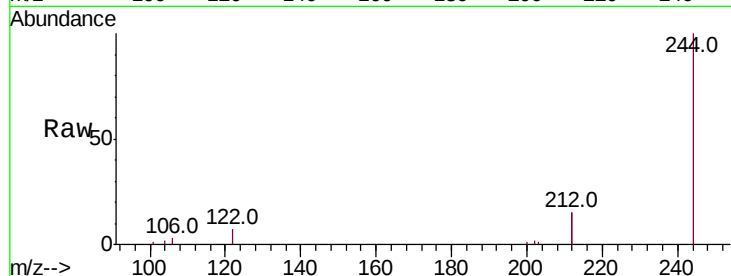
Tot Ion:244 Resp: 9967

Ion Ratio Lower Upper

244 100

212 29.5 23.7 35.5

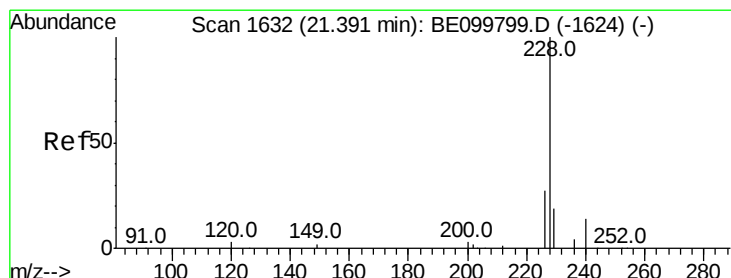
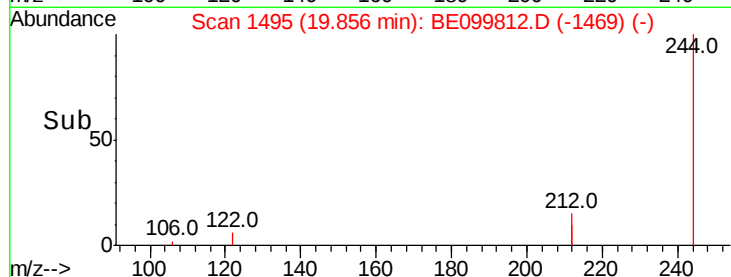
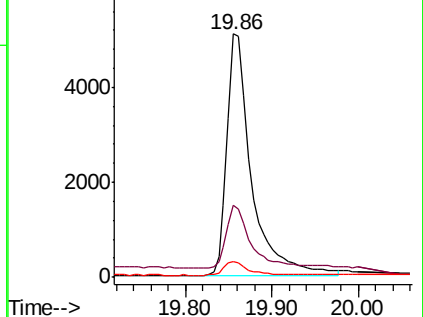
122 6.6 4.8 7.2



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: 0.396 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

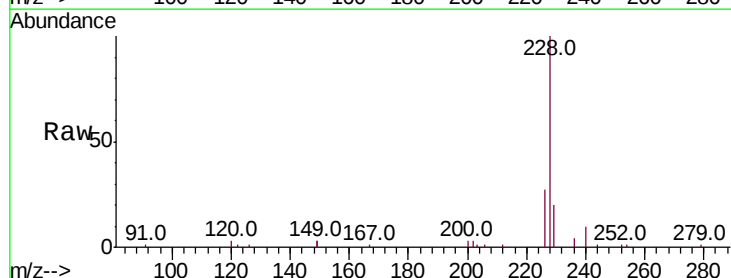
Tgt Ion:228 Resp: 18399

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

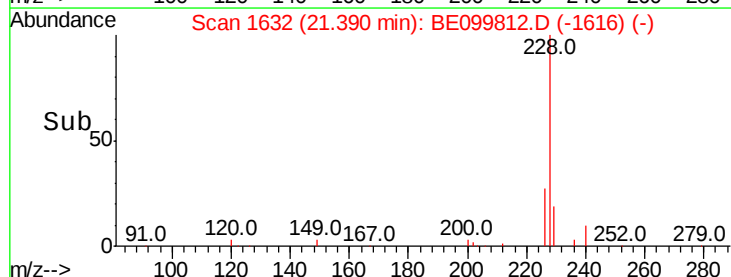
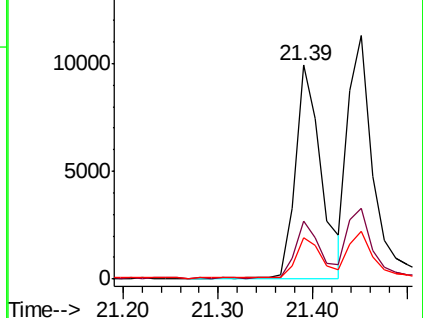
229 19.5 15.8 23.6

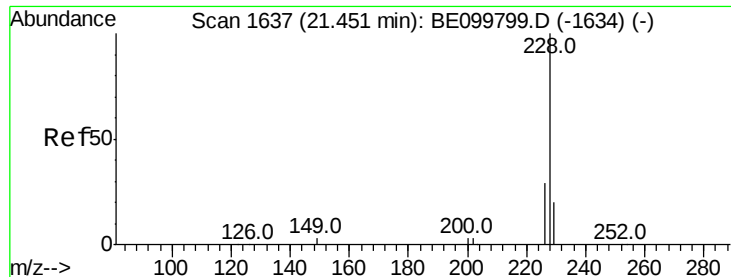


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.382 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

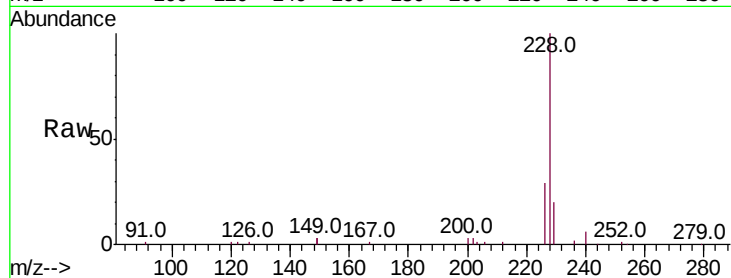
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 19626

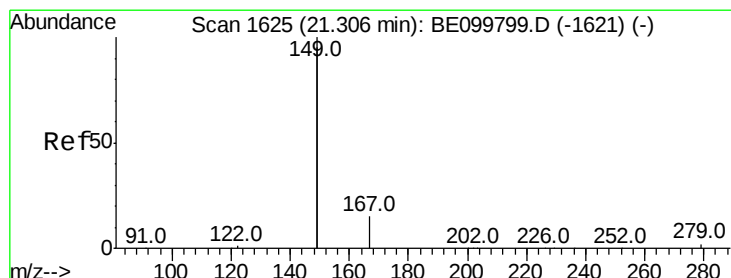
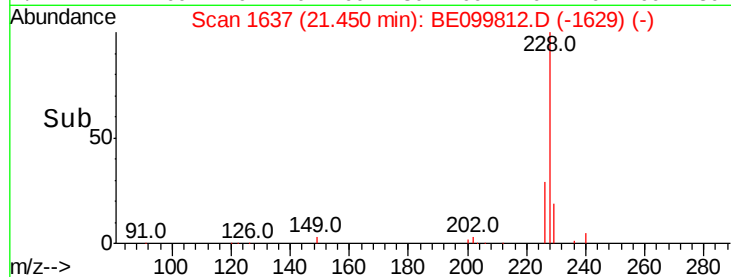
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.9	34.3
229	19.8	16.4	24.6



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: 0.328 ng

RT: 21.31 min Scan# 1625

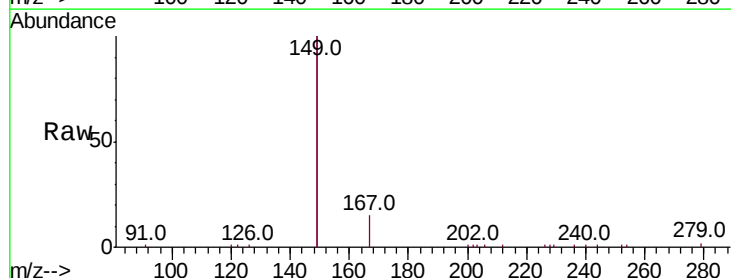
Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Tgt Ion:149 Resp: 17506

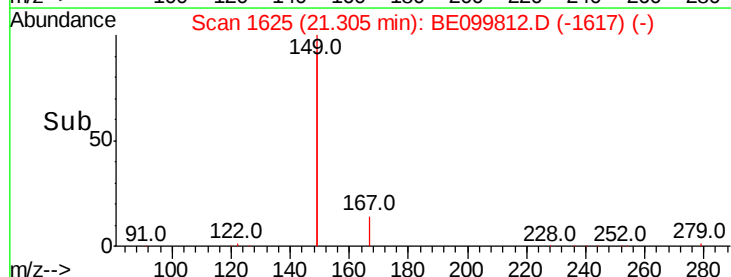
Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.6	1.2	1.8

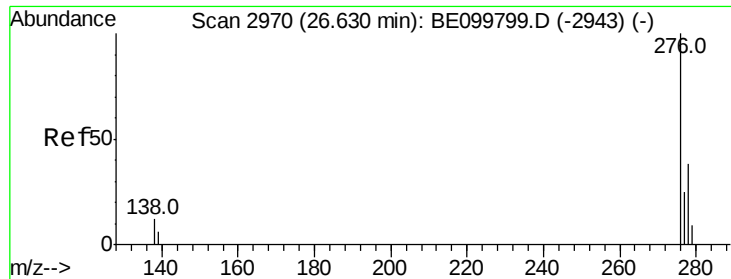


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

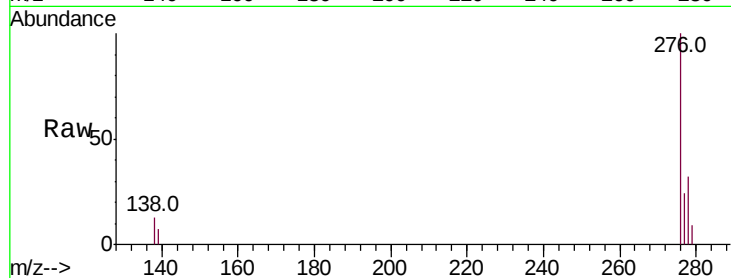




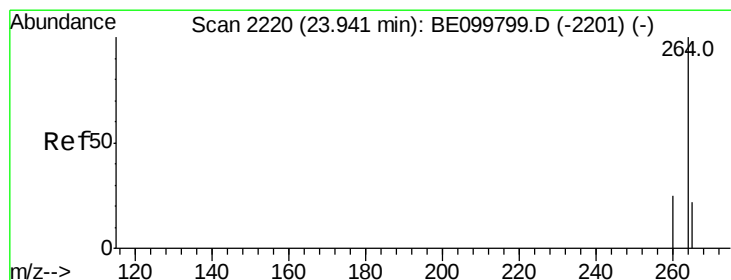
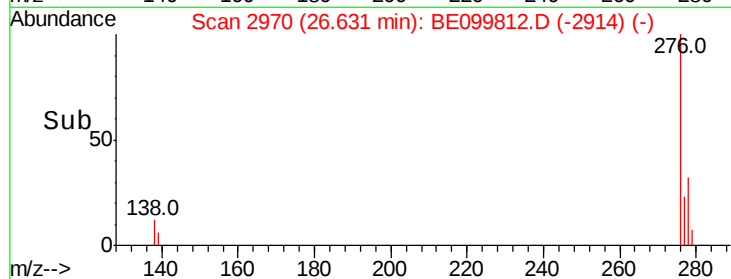
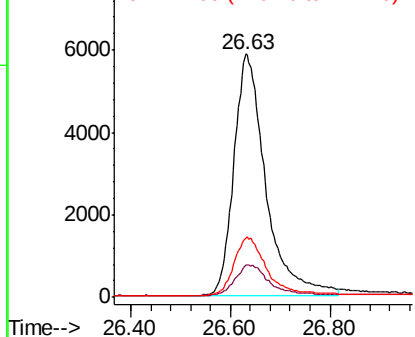
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.423 ng
 RT: 26.63 min Scan# 2970
 Delta R.T. 0.00 min
 Lab File: BE099812.D
 Acq: 5 Jun 2019 20:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 26022
 Ion Ratio Lower Upper
 276 100
 138 12.8 10.3 15.5
 277 23.8 19.4 29.2

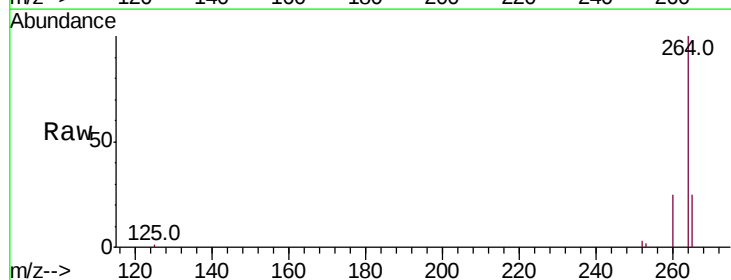


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

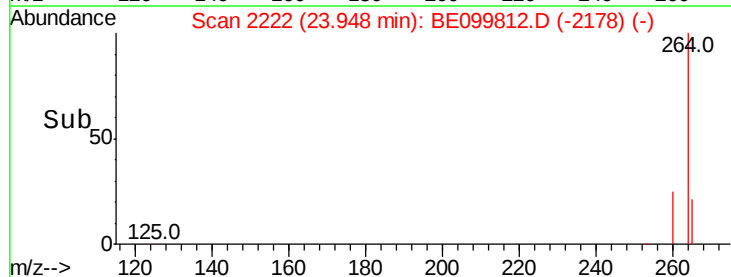
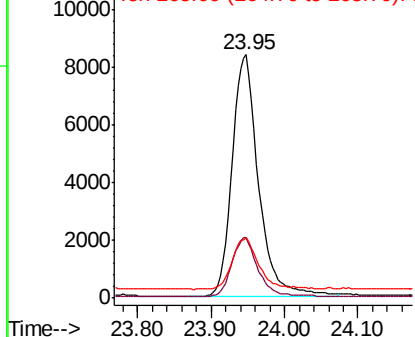


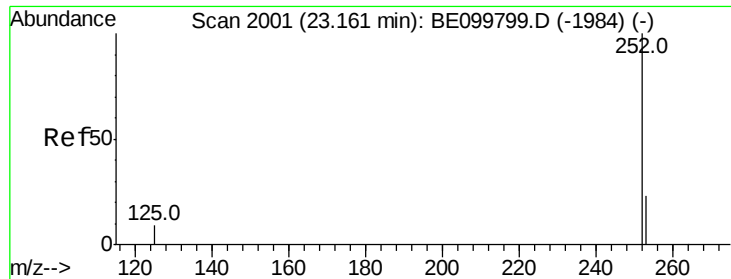
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BE099812.D
 Acq: 5 Jun 2019 20:15

Tgt Ion:264 Resp: 21110
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 25.1 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

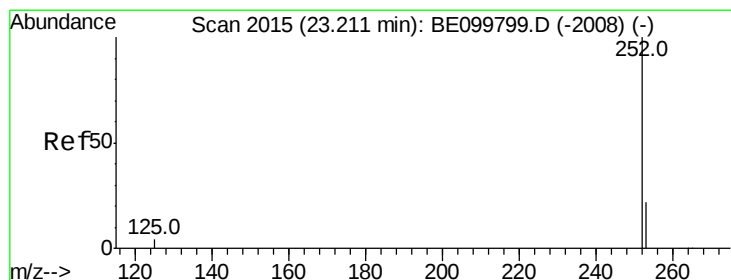
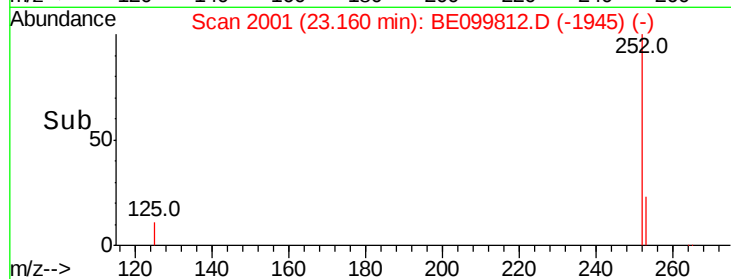
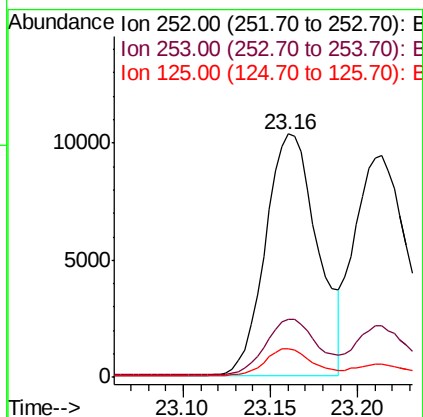
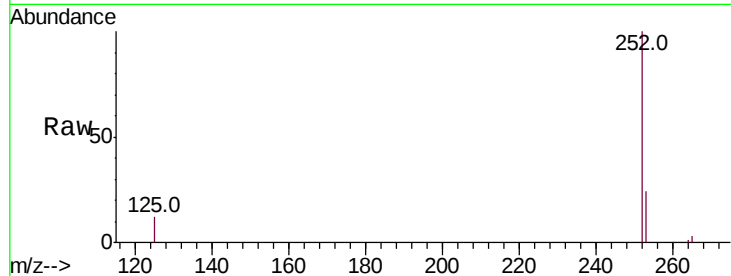




#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BE099812.D
Acq: 5 Jun 2019 20:15

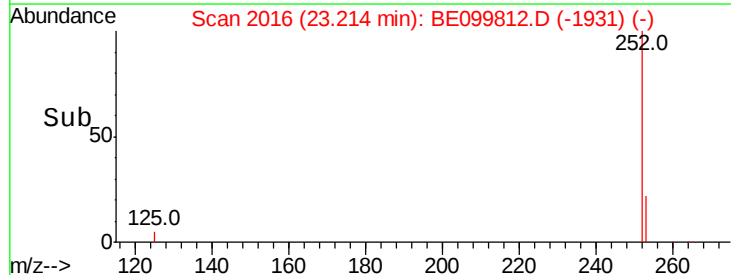
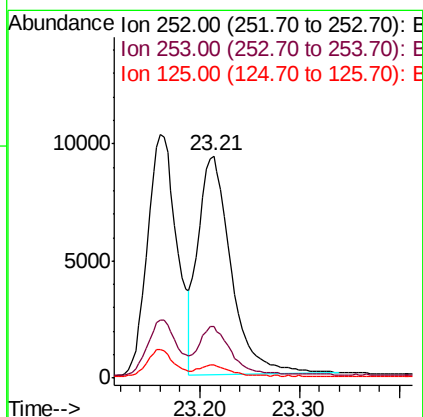
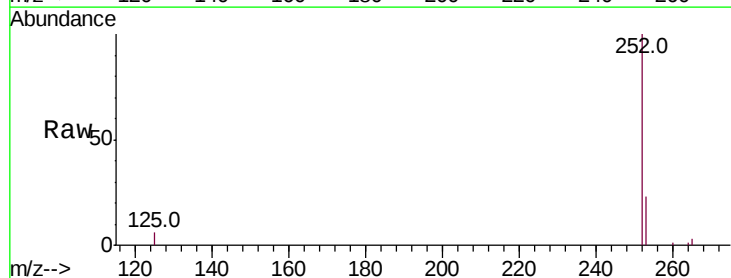
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

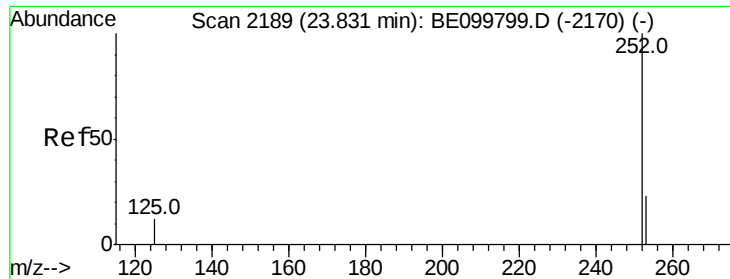
Tot Ion:252 Resp: 21352
Ion Ratio Lower Upper
252 100
253 24.0 18.9 28.3
125 11.5 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 0.347 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099812.D
Acq: 5 Jun 2019 20:15

Tgt Ion:252 Resp: 21532
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 5.8 4.6 7.0





#37

Benzo(a)pyrene

Concen: 0.365 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

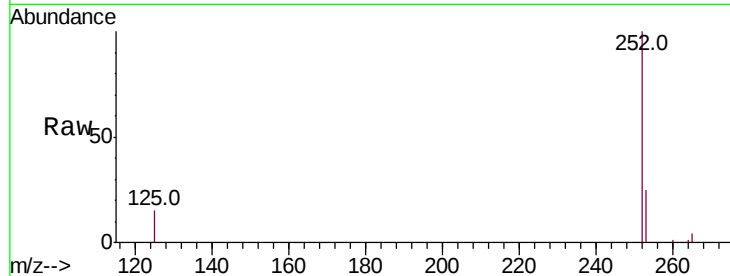
Tot Ion:252 Resp: 20671

Ion Ratio Lower Upper

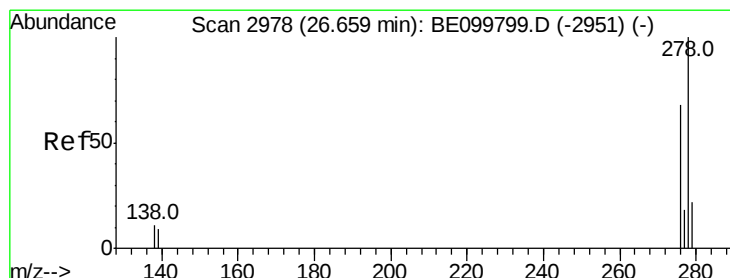
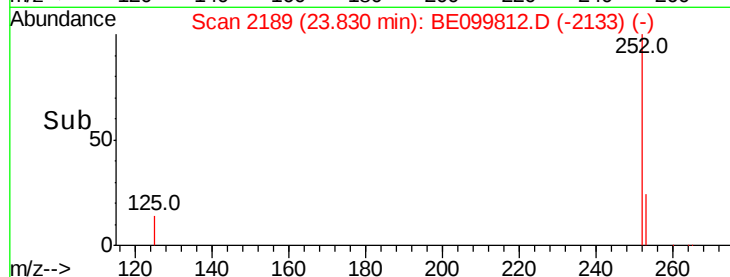
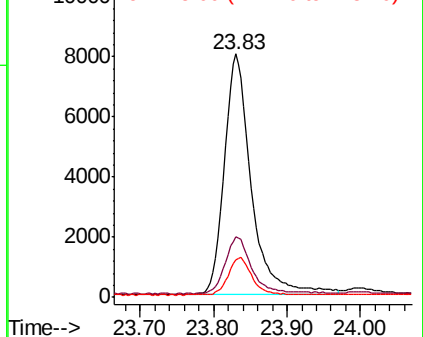
252 100

253 24.8 19.3 28.9

125 15.2 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: 0.351 ng

RT: 26.66 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

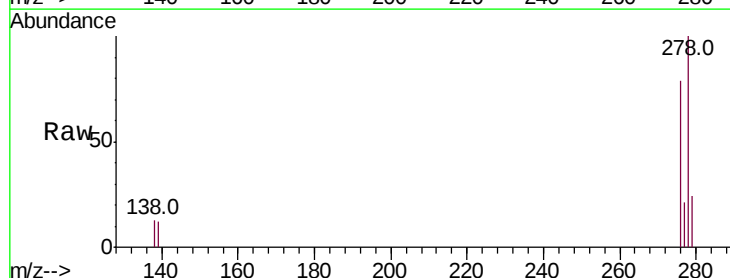
Tgt Ion:278 Resp: 20236

Ion Ratio Lower Upper

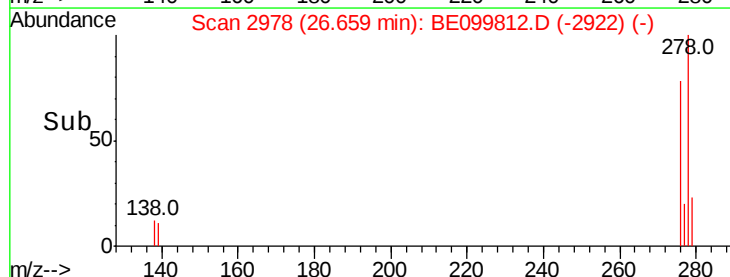
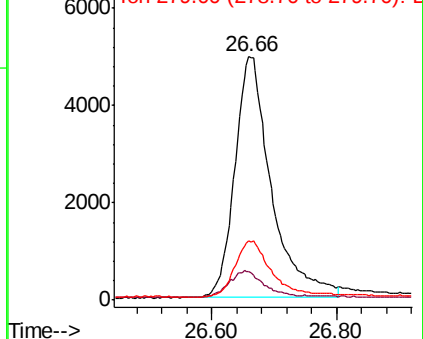
278 100

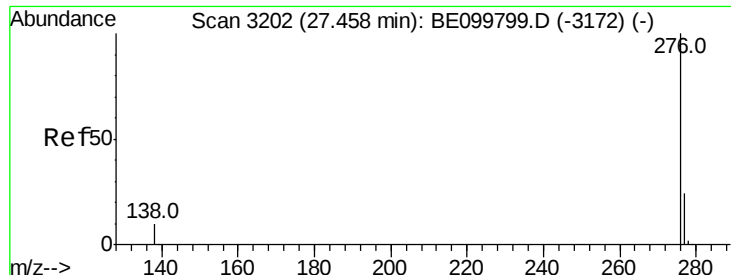
139 11.7 7.9 11.9

279 24.1 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: 0.356 ng

RT: 27.46 min Scan# 3202

Delta R.T. 0.00 min

Lab File: BE099812.D

Acq: 5 Jun 2019 20:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

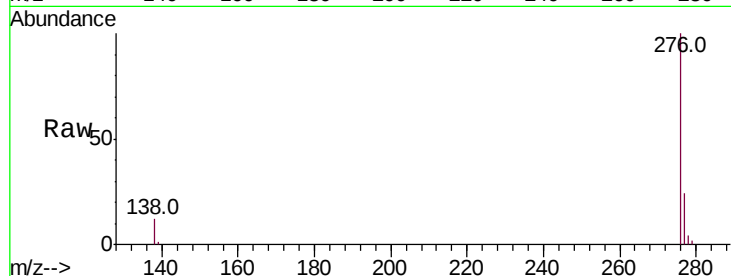
Tot Ion:276 Resp: 21530

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 12.1 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

