

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099891.D
 Acq On : 10 Jun 2019 13:53
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Jun 10 14:54:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:31:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	744	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2823	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2006	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6518	0.40	ng	0.00
27) Chrysene-d12	21.39	240	11035	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11091	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	10745	4.31	ng	0.00
5) Phenol-d6	6.95	99	14878	4.85	ng	-0.01
8) Nitrobenzene-d5	8.95	82	15184	5.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.19	152	25286	4.95	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	8837	4.45	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	39723	5.48	ng	-0.01
25) Fluoranthene-d10	19.25	212	497141	4.92	ng	0.00
29) Terphenyl-d14	19.84	244	102937	5.00	ng	0.00

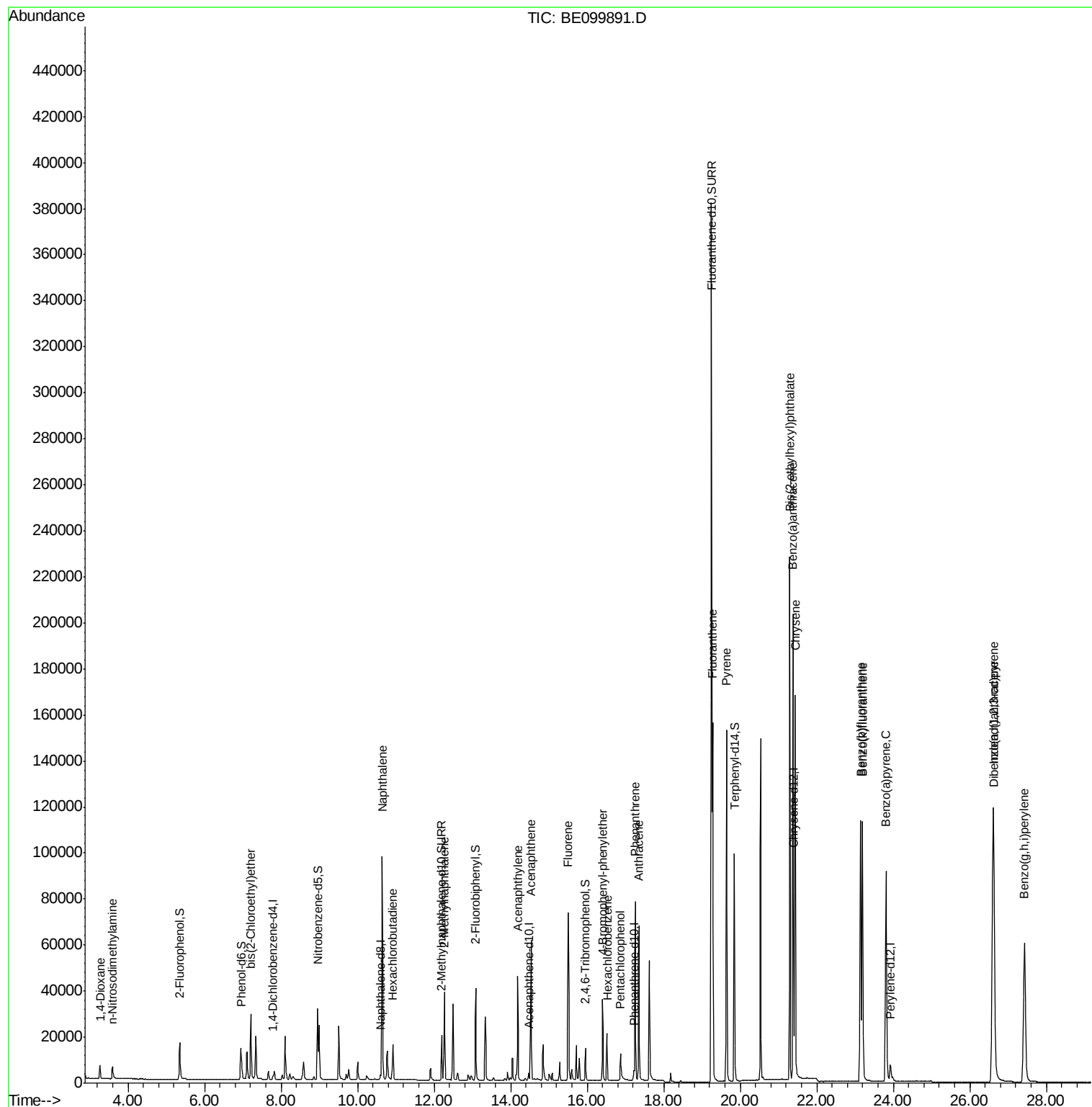
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	5277	4.758	ng	93
3) n-Nitrosodimethylamine	3.58	42	3605	5.080	ng	# 100
6) bis(2-Chloroethyl)ether	7.21	93	11758	5.212	ng	98
9) Naphthalene	10.64	128	155687	5.075	ng	# 97
10) Hexachlorobutadiene	10.91	225	11675	5.175	ng	99
12) 2-Methylnaphthalene	12.27	142	26507	5.082	ng	96
16) Acenaphthylene	14.18	152	51752	5.210	ng	100
17) Acenaphthene	14.53	154	28927	5.313	ng	98
18) Fluorene	15.50	166	42955	5.156	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	19984	5.349	ng	# 90
21) Hexachlorobenzene	16.52	284	19612	5.383	ng	99
22) Pentachlorophenol	16.87	266	8757	7.748	ng	# 81
23) Phenanthrene	17.26	178	83733	5.180	ng	99
24) Anthracene	17.35	178	81997	5.292	ng	99
26) Fluoranthene	19.28	202	140557	4.927	ng	98
28) Pyrene	19.64	202	145745	4.990	ng	100
30) Benzo(a)anthracene	21.38	228	169489	4.834	ng	99
31) Chrysene	21.44	228	174831	5.078	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	231049	4.041	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	205053	4.889	ng	99
35) Benzo(b)fluoranthene	23.14	252	166954	5.421	ng	# 96
36) Benzo(k)fluoranthene	23.19	252	171058	5.550	ng	# 97
37) Benzo(a)pyrene	23.81	252	158825	5.313	ng	# 95
38) Dibenzo(a,h)anthracene	26.63	278	167602	5.484	ng	# 97
39) Benzo(g,h,i)perylene	27.43	276	167951	5.409	ng	98

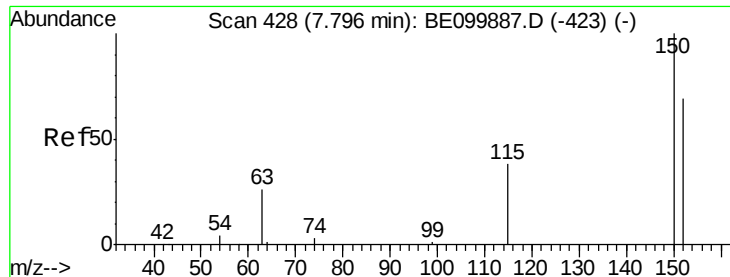
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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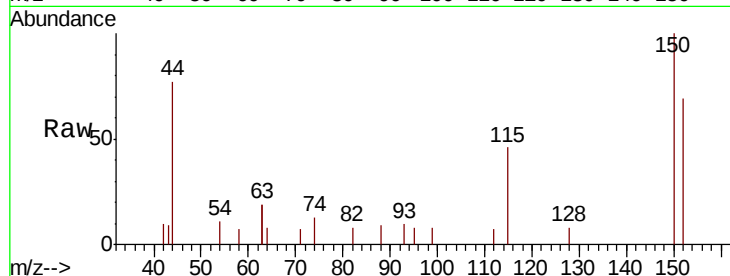




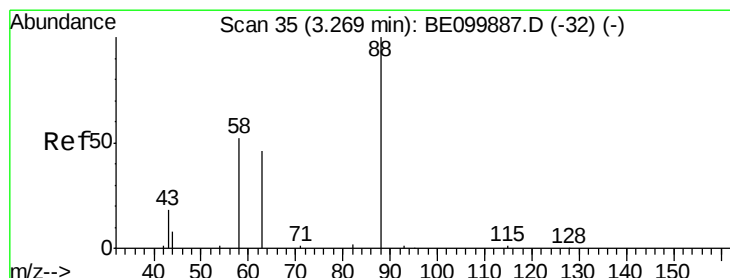
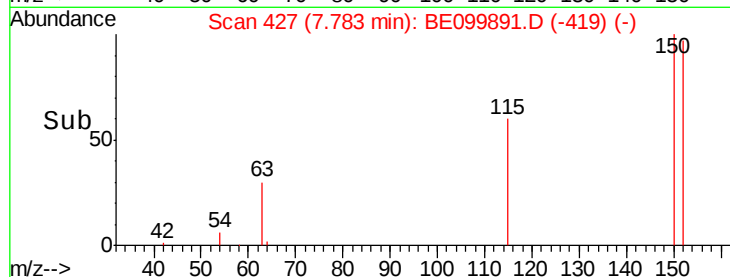
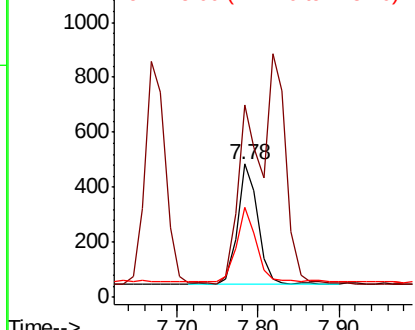
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BE099891.D
 Acq: 10 Jun 2019 13:53

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Tot Ion:152 Resp: 744
 Ion Ratio Lower Upper
 152 100
 150 144.7 111.0 166.6
 115 67.2 50.7 76.1

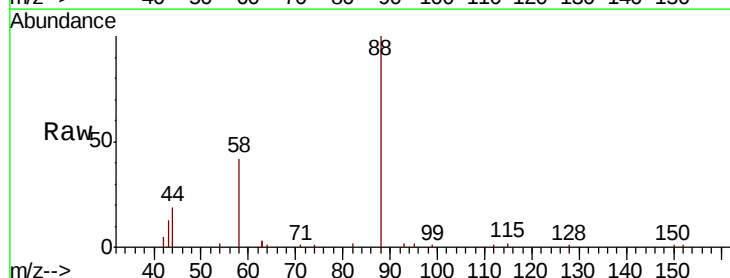


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

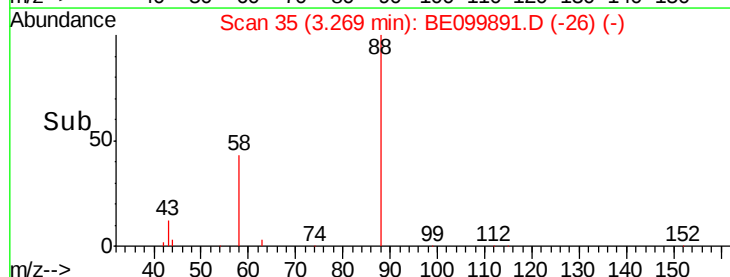
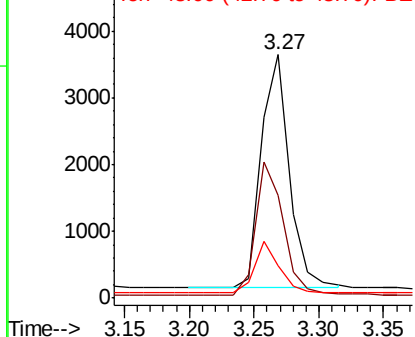


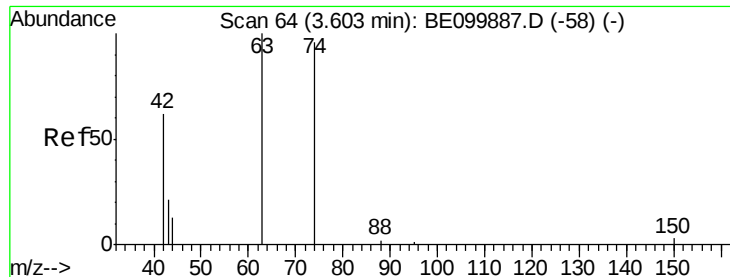
#2
 1,4-Dioxane
 Concen: 4.758 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE099891.D
 Acq: 10 Jun 2019 13:53

Tgt Ion: 88 Resp: 5277
 Ion Ratio Lower Upper
 88 100
 58 56.2 48.8 73.2
 43 19.6 19.0 28.6



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: 5.080 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.02 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

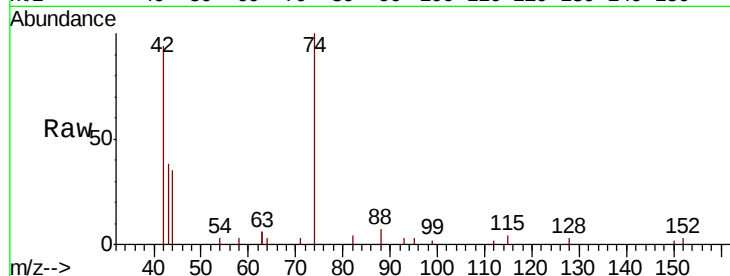
Tot Ion: 42 Resp: 3605

Ion Ratio Lower Upper

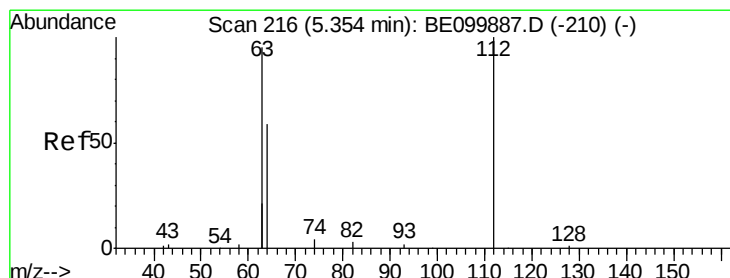
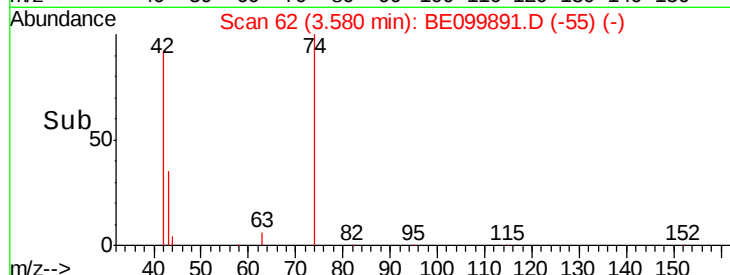
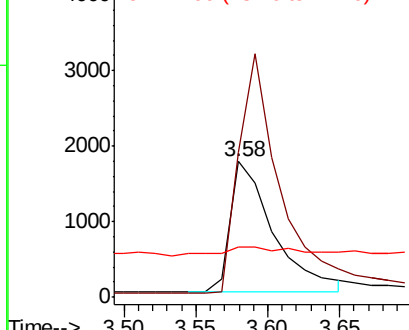
42 100

74 176.1 0.0 0.0#

44 11.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 4.313 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

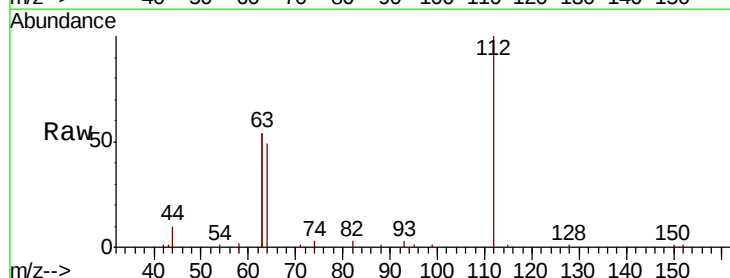
Tgt Ion: 112 Resp: 10745

Ion Ratio Lower Upper

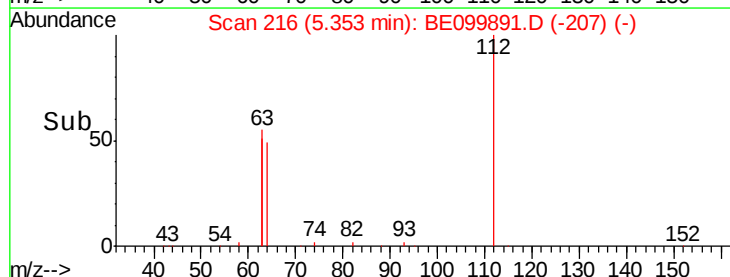
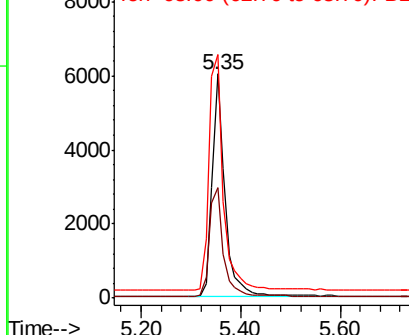
112 100

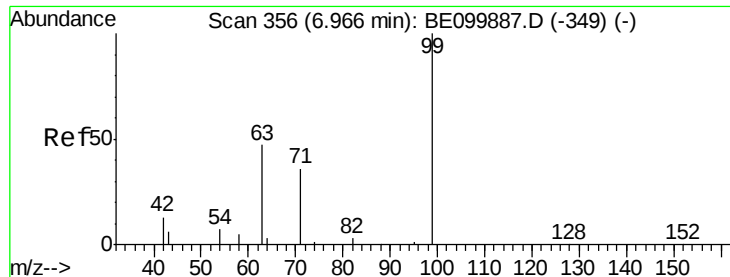
64 53.4 44.1 66.1

63 117.7 87.8 131.6



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: 4.849 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

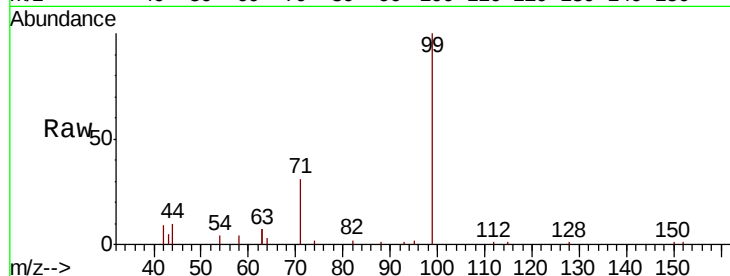
Tot Ion: 99 Resp: 14878

Ion Ratio Lower Upper

99 100

42 13.9 15.9 23.9#

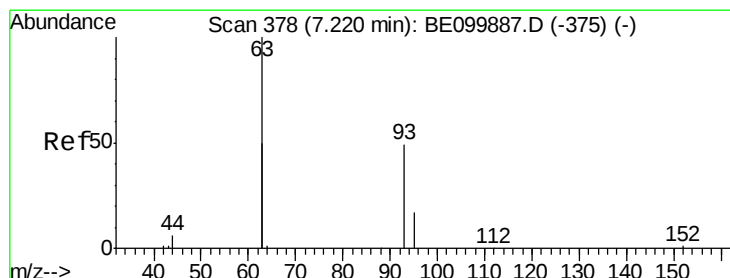
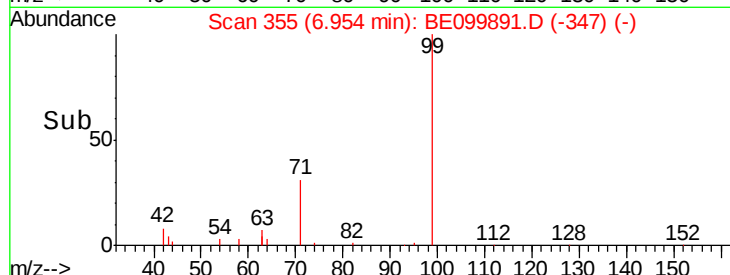
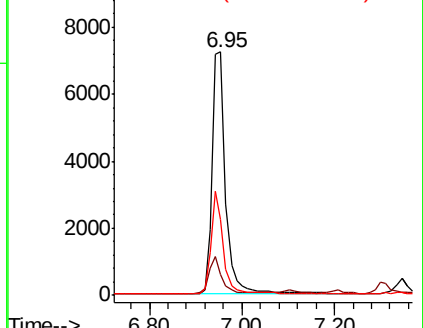
71 38.3 34.6 52.0



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: 5.212 ng

RT: 7.21 min Scan# 377

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

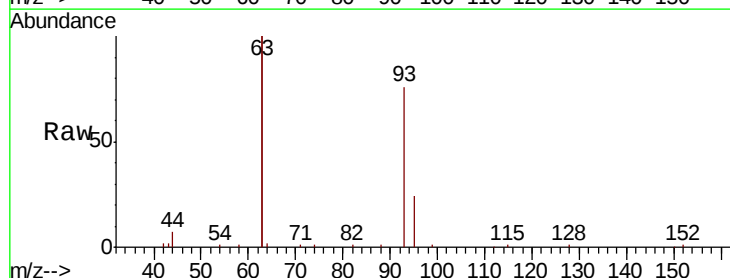
Tgt Ion: 93 Resp: 11758

Ion Ratio Lower Upper

93 100

63 257.5 202.8 304.2

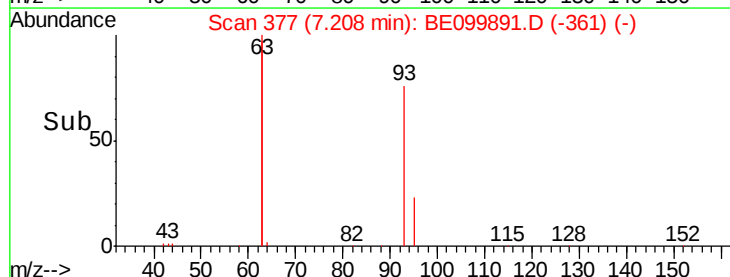
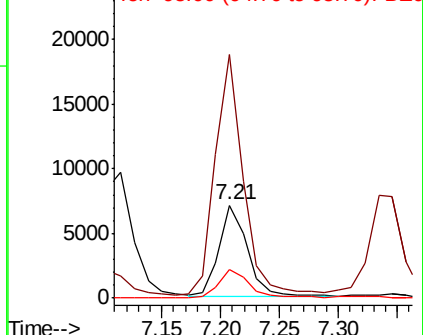
95 31.6 23.7 35.5

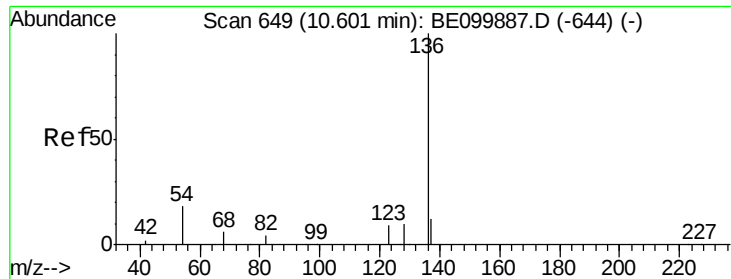


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 2823

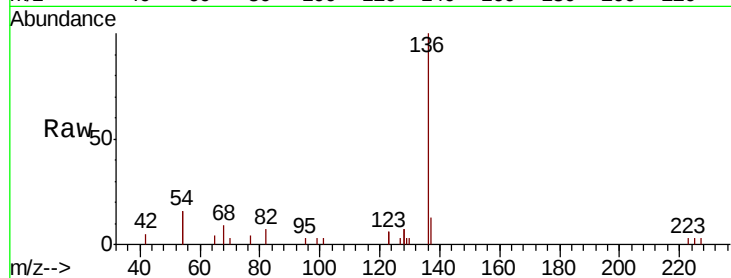
Ion Ratio Lower Upper

136 100

137 13.2 12.3 18.5

54 32.8 28.2 42.4

68 8.7 7.8 11.8

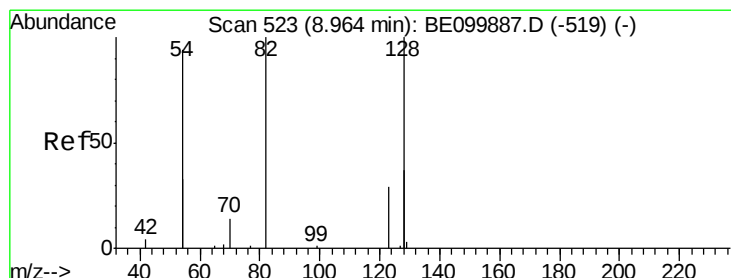
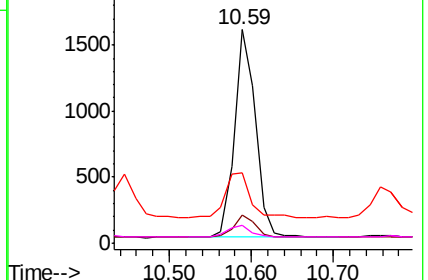
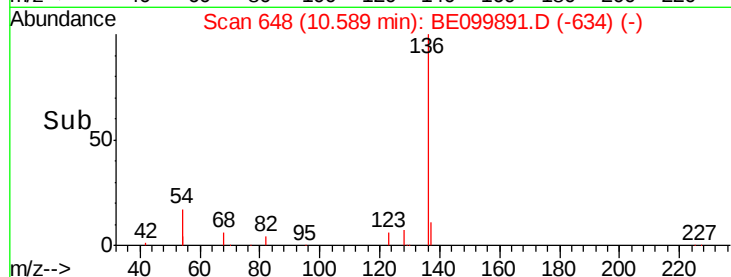


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.332 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

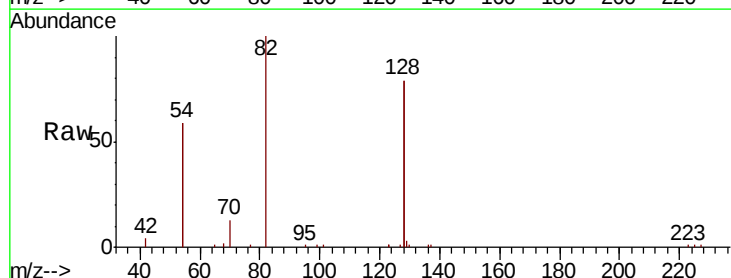
Tgt Ion: 82 Resp: 15184

Ion Ratio Lower Upper

82 100

128 159.0 137.3 205.9

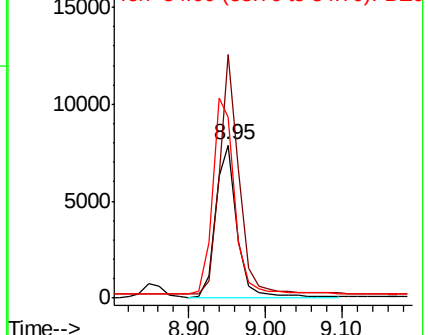
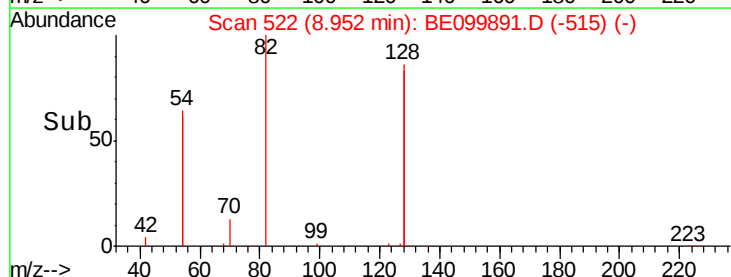
54 118.1 129.7 194.5#

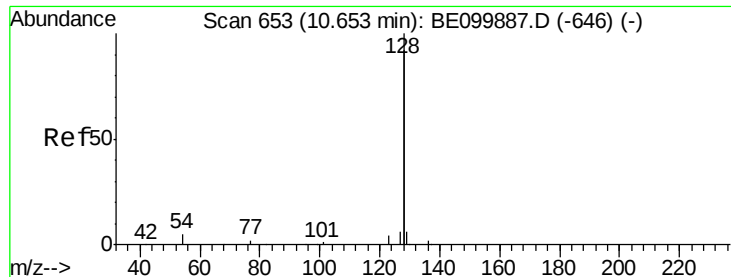


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 5.075 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

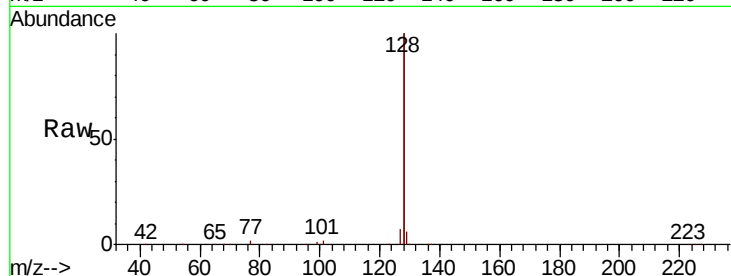
Tot Ion:128 Resp: 155687

Ion Ratio Lower Upper

128 100

129 2.8 3.0 4.6#

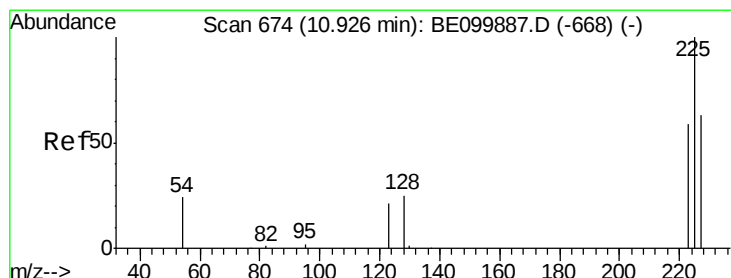
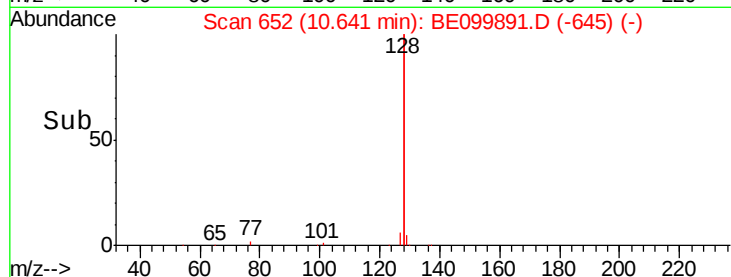
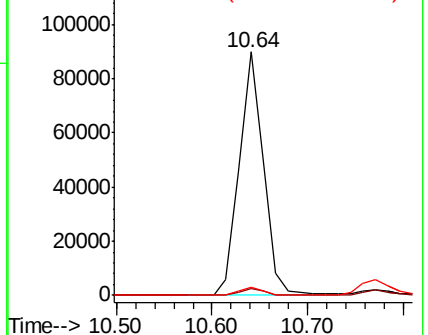
127 3.3 3.4 5.0#



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: 5.175 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

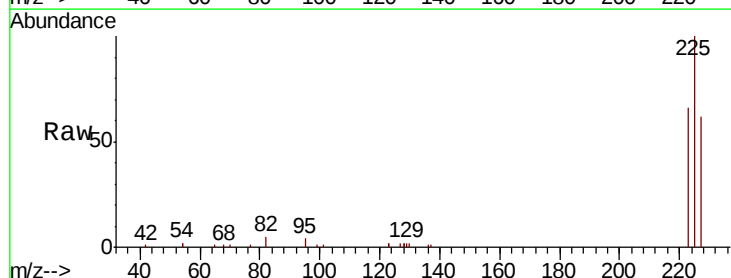
Tgt Ion:225 Resp: 11675

Ion Ratio Lower Upper

225 100

223 64.2 51.6 77.4

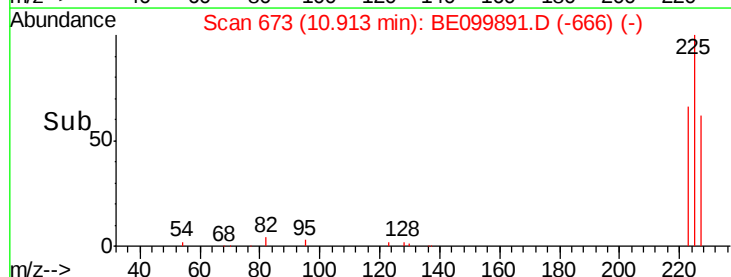
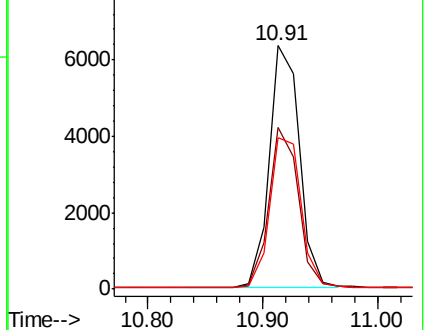
227 64.4 50.6 76.0

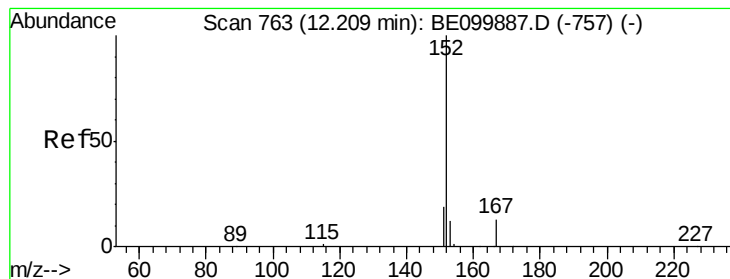


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 4.950 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

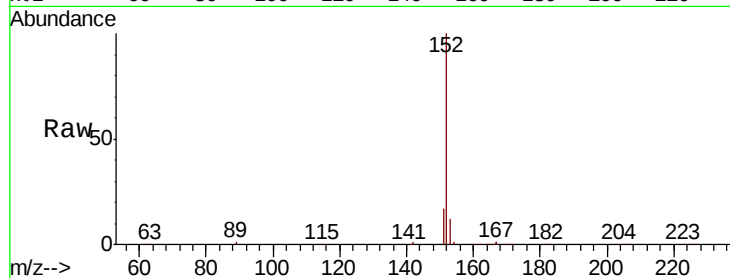
SSTDICC5.0

Tot Ion:152 Resp: 25286

Ion Ratio Lower Upper

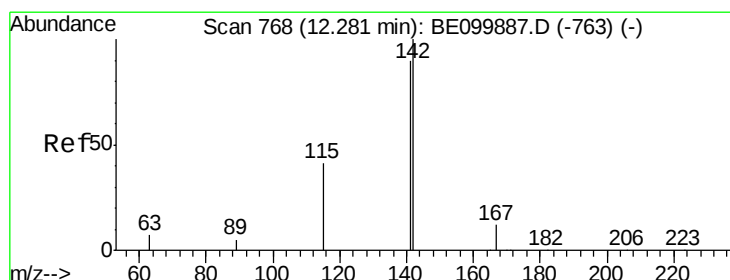
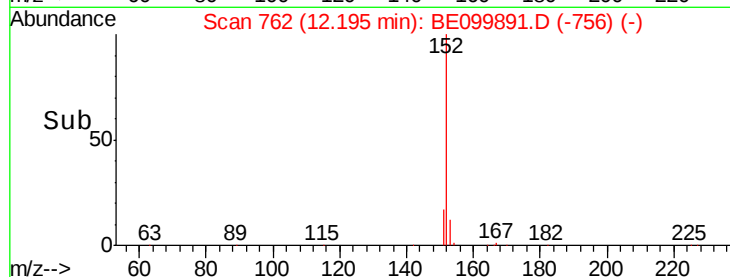
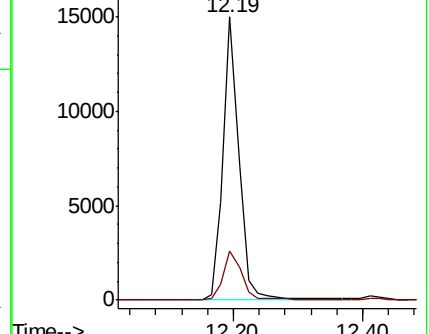
152 100

151 19.4 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 5.082 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

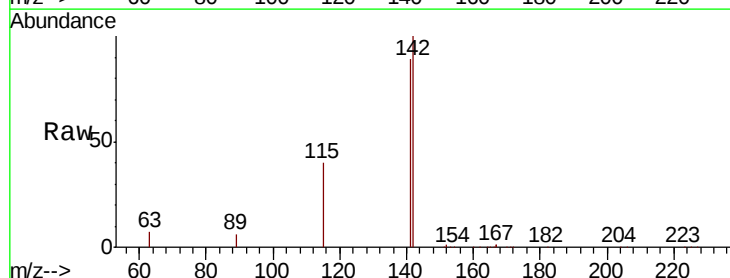
Tgt Ion:142 Resp: 26507

Ion Ratio Lower Upper

142 100

141 89.0 72.3 108.5

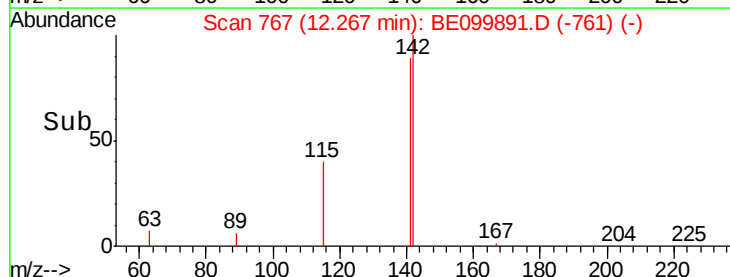
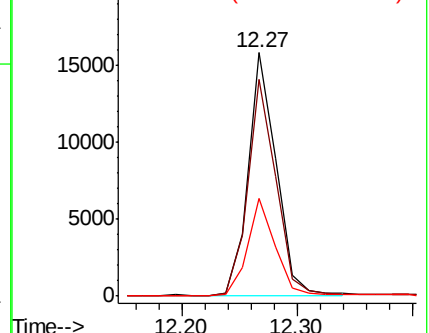
115 40.1 36.4 54.6

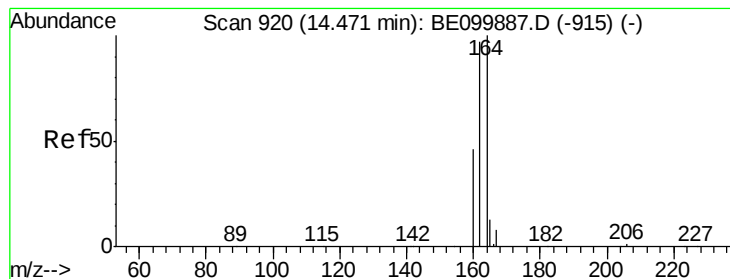


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

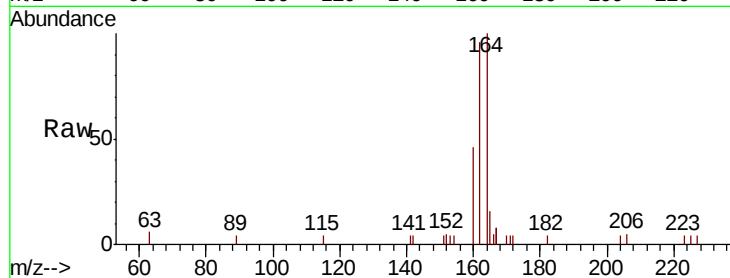
Tot Ion:164 Resp: 2006

Ion Ratio Lower Upper

164 100

162 95.7 77.8 116.8

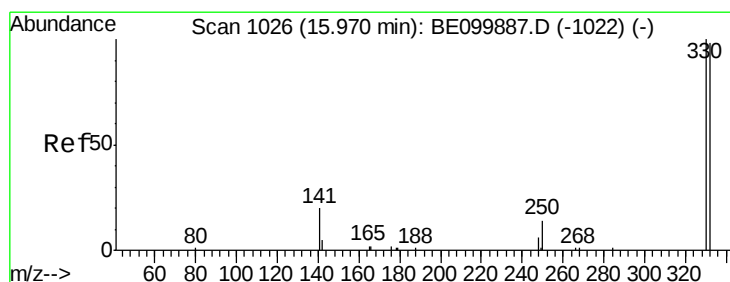
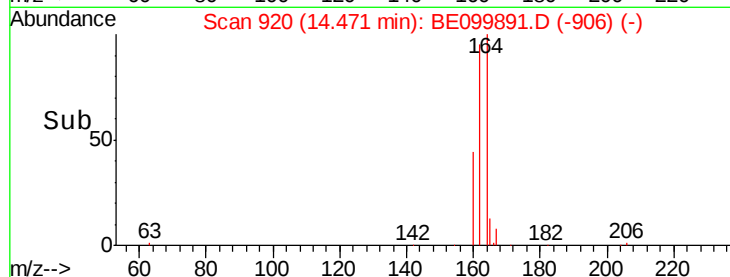
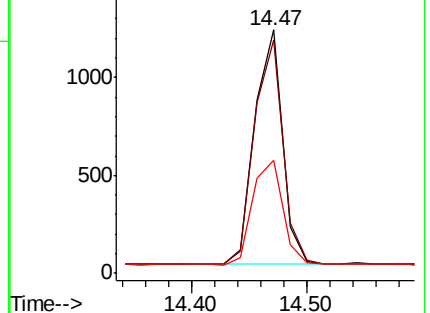
160 46.4 38.2 57.4



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: 4.453 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

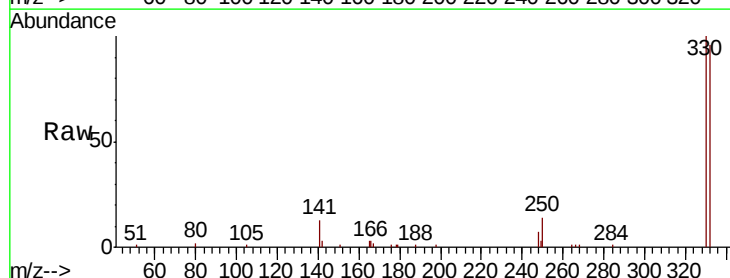
Tgt Ion:330 Resp: 8837

Ion Ratio Lower Upper

330 100

332 96.1 76.7 115.1

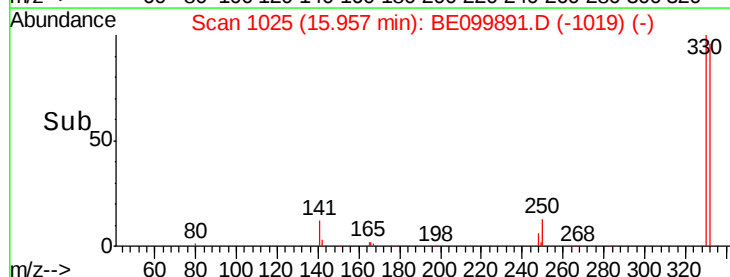
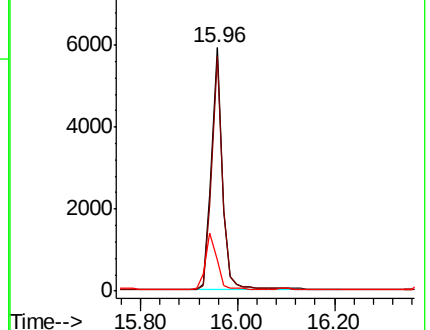
141 23.9 21.0 31.6

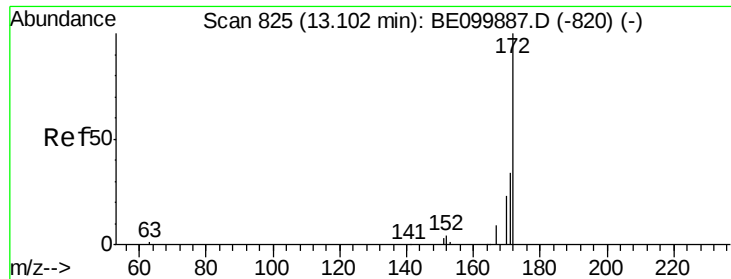


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

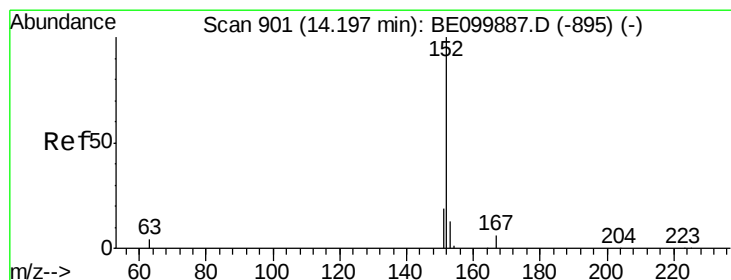
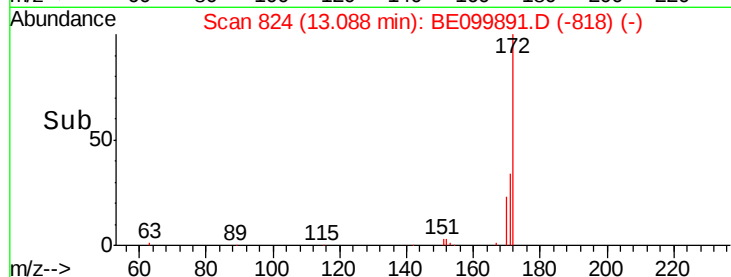
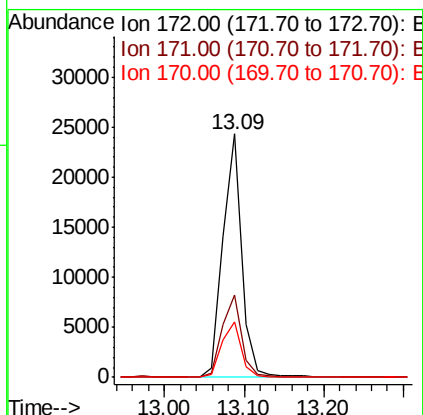
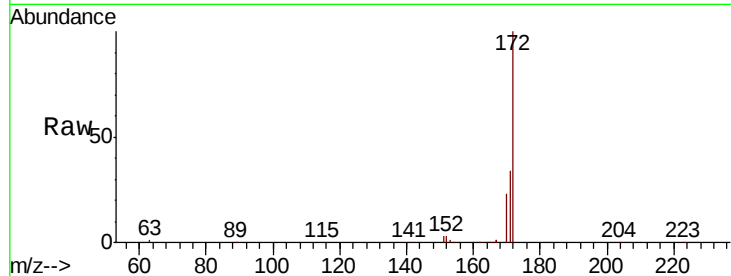




#15
2-Fluorobiphenyl
Concen: 5.479 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

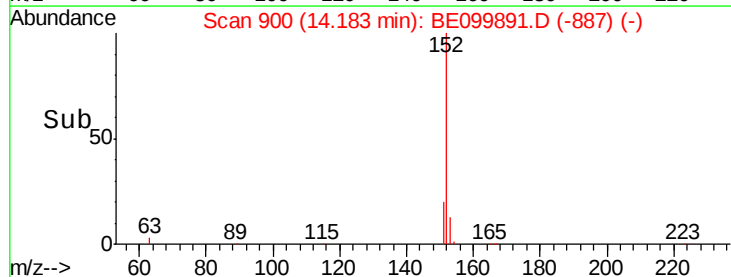
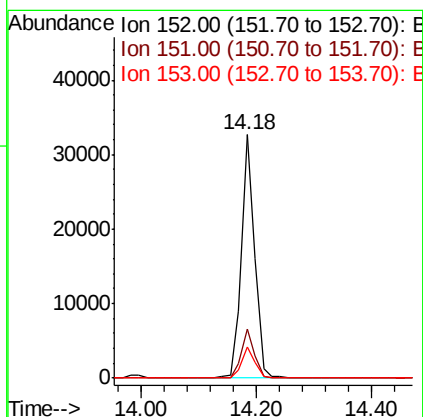
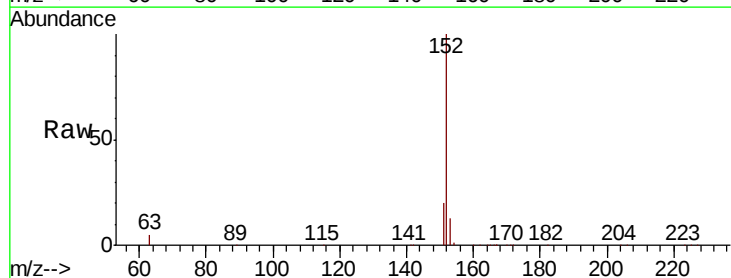
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

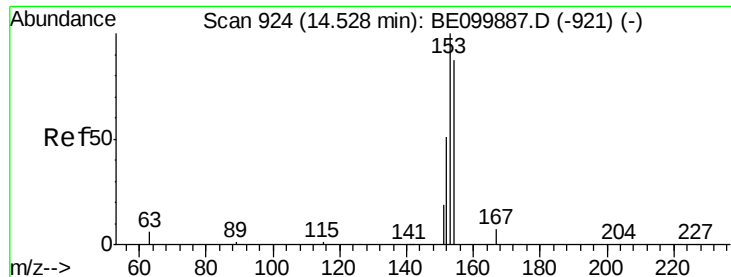
Tot Ion:172 Resp: 39723
Ion Ratio Lower Upper
172 100
171 33.9 29.2 43.8
170 22.9 21.2 31.8



#16
Acenaphthylene
Concen: 5.210 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:152 Resp: 51752
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.9 10.2 15.2





#17

Acenaphthene

Concen: 5.313 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

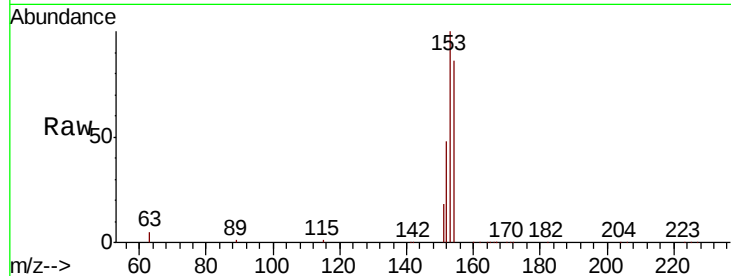
Tot Ion:154 Resp: 28927

Ion Ratio Lower Upper

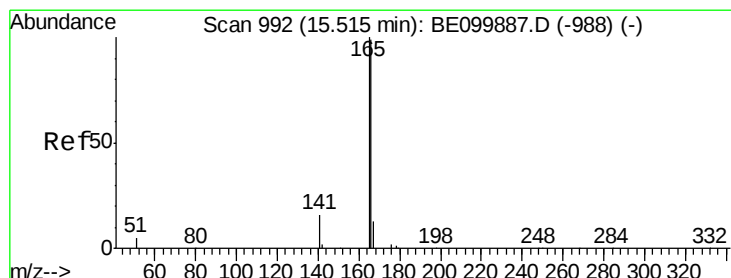
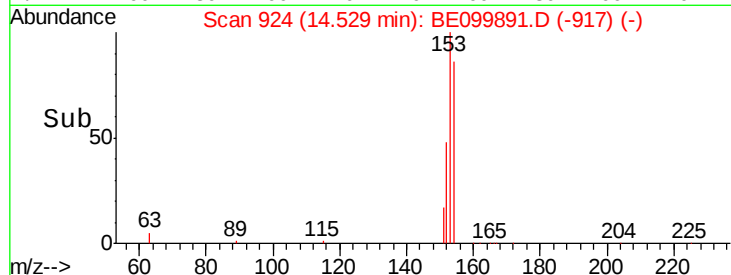
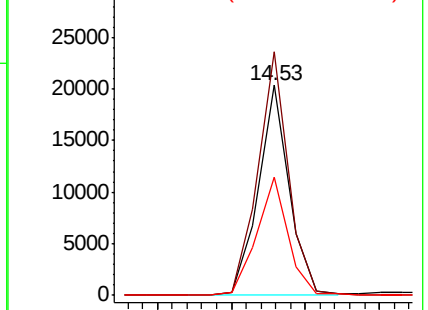
154 100

153 115.1 93.1 139.7

152 56.9 47.0 70.4



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: 5.156 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

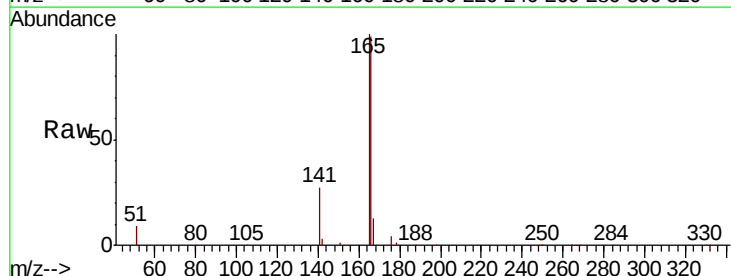
Tgt Ion:166 Resp: 42955

Ion Ratio Lower Upper

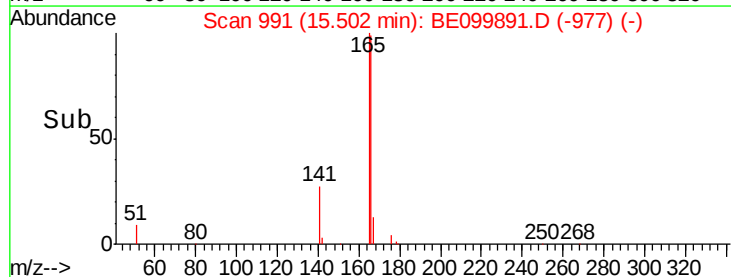
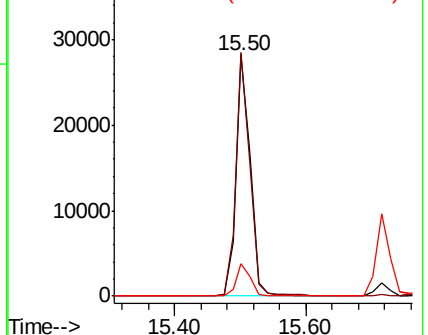
166 100

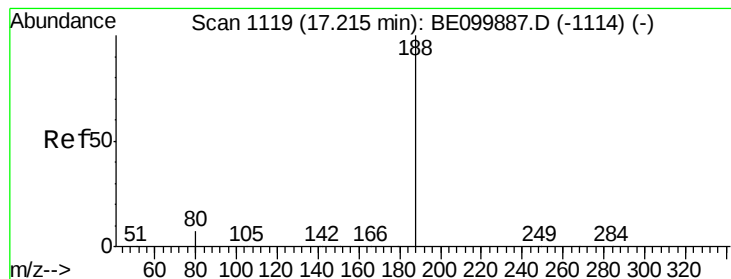
165 99.5 81.8 122.8

167 13.4 11.2 16.8



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

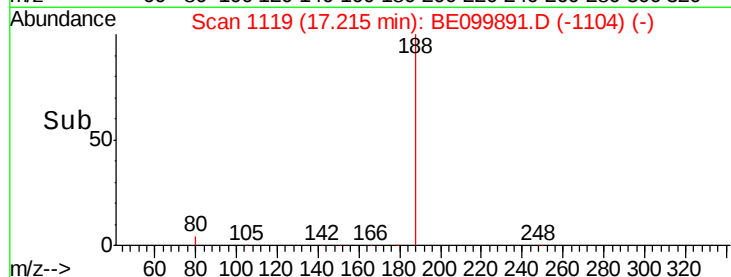
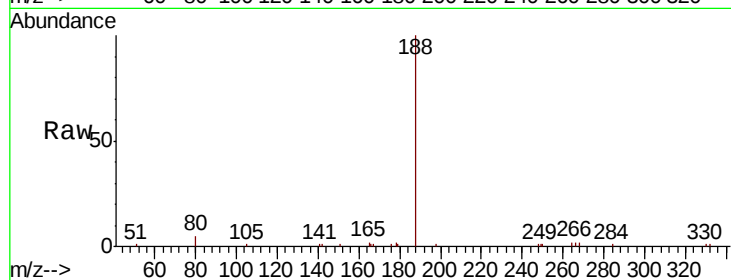
Tot Ion:188 Resp: 6518

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

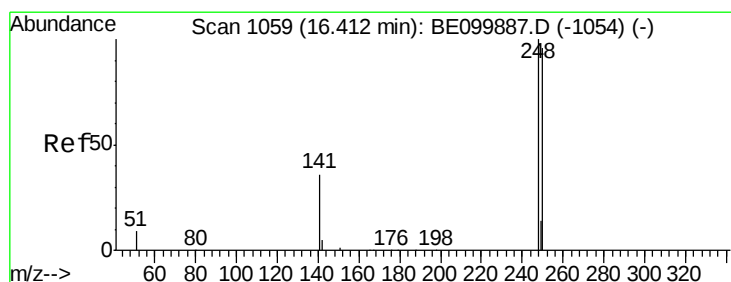
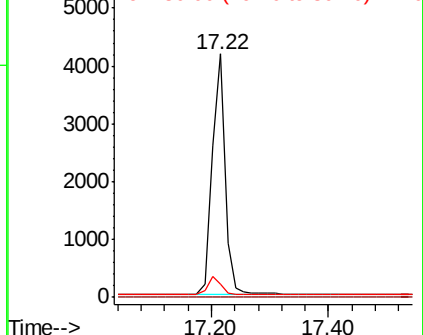
80 5.2 6.4 9.6#



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: 5.349 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

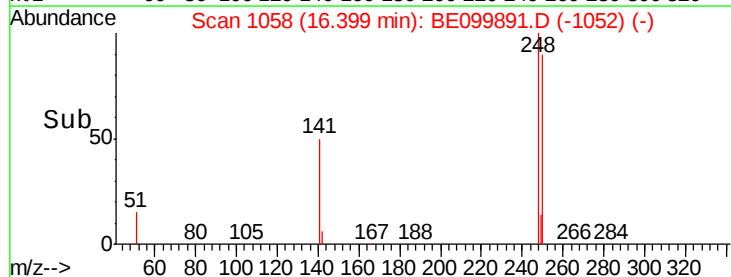
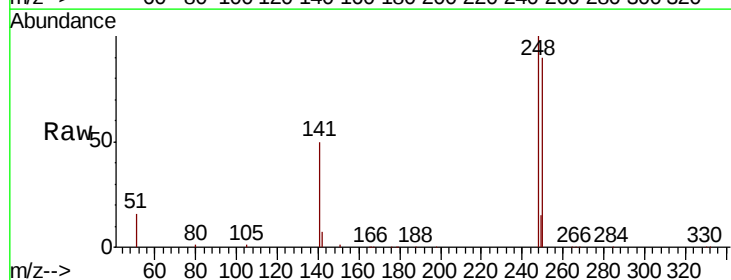
Tgt Ion:248 Resp: 19984

Ion Ratio Lower Upper

248 100

250 90.4 77.5 116.3

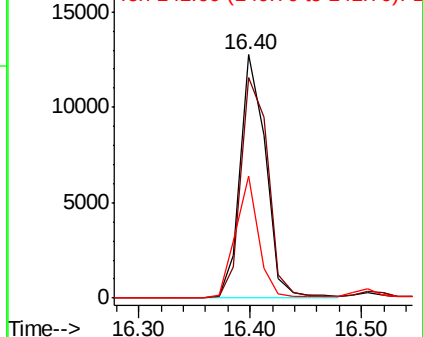
141 50.1 31.8 47.8#

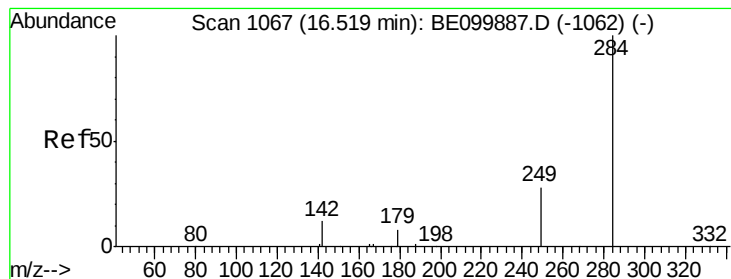


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.383 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

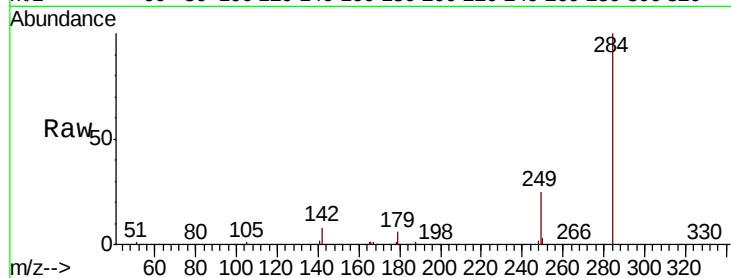
Tot Ion:284 Resp: 19612

Ion Ratio Lower Upper

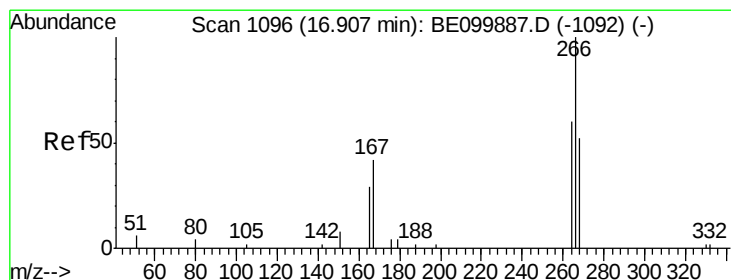
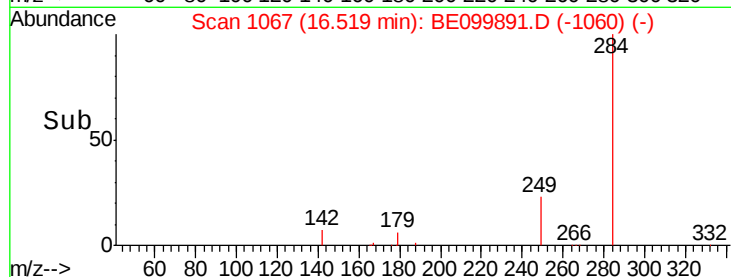
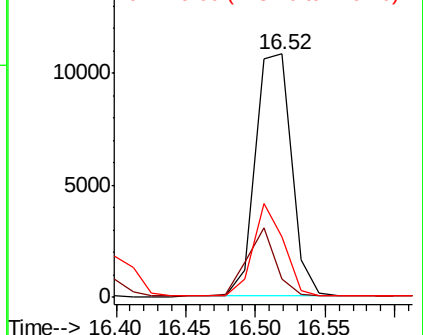
284 100

142 22.6 18.2 27.4

249 32.0 24.6 37.0



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: 7.748 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

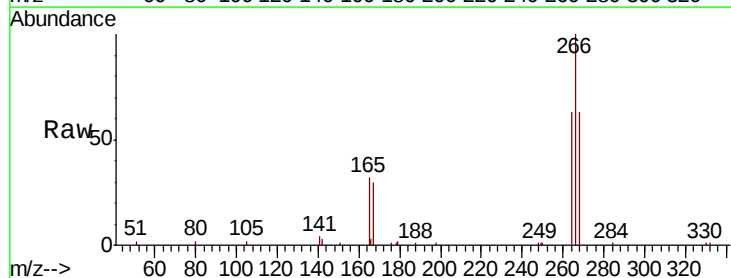
Tgt Ion:266 Resp: 8757

Ion Ratio Lower Upper

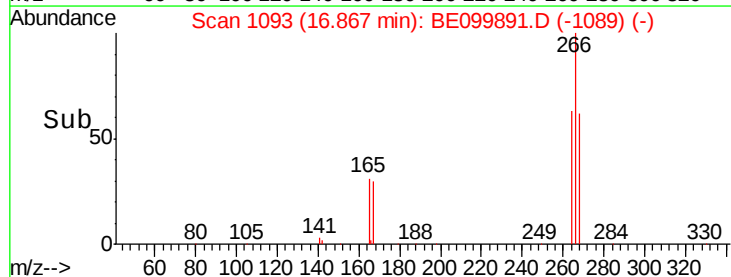
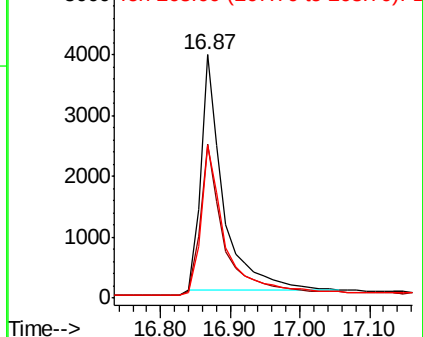
266 100

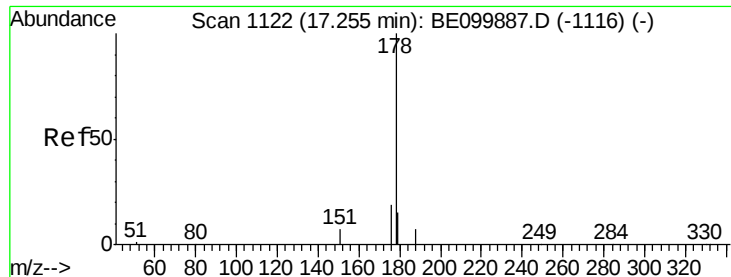
264 63.4 62.2 93.2

268 63.0 65.5 98.3#



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: 5.180 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

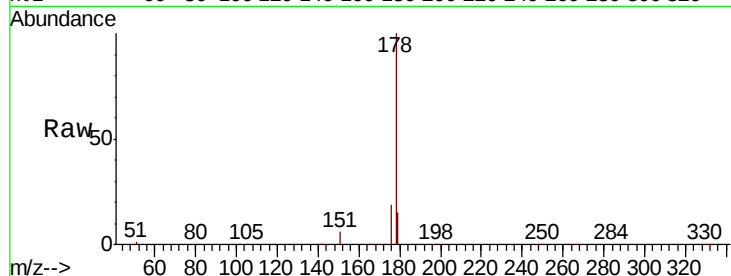
Tot Ion:178 Resp: 83733

Ion Ratio Lower Upper

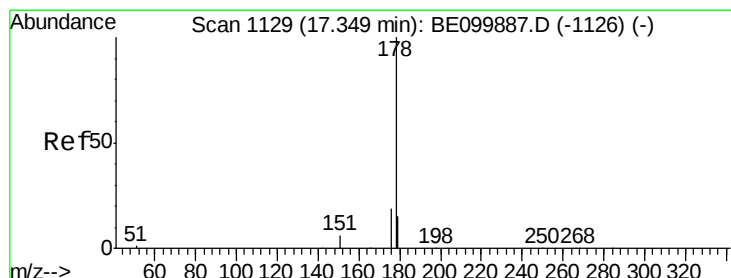
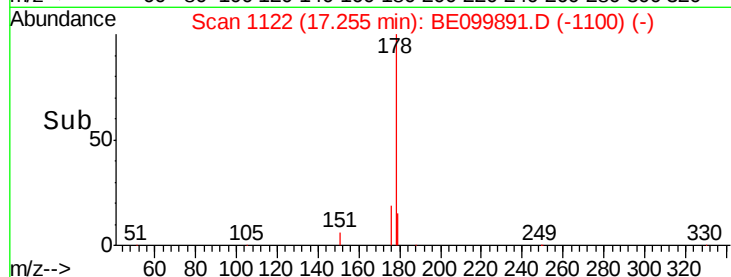
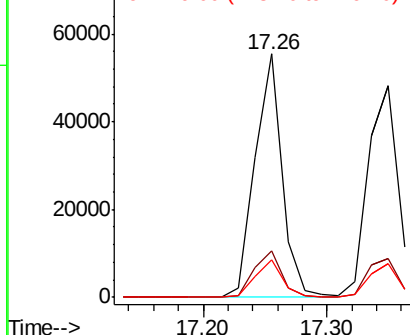
178 100

176 19.5 15.8 23.8

179 15.2 12.4 18.6



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: 5.292 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

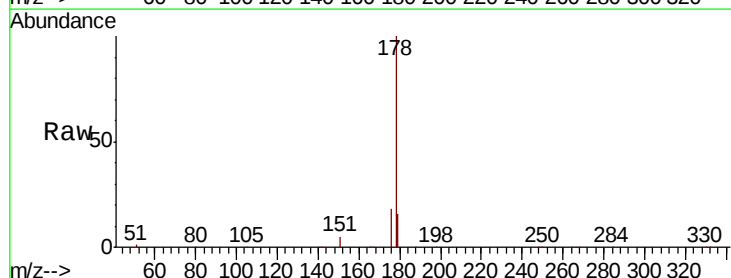
Tgt Ion:178 Resp: 81997

Ion Ratio Lower Upper

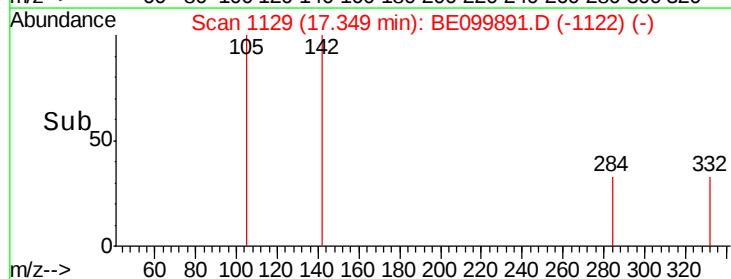
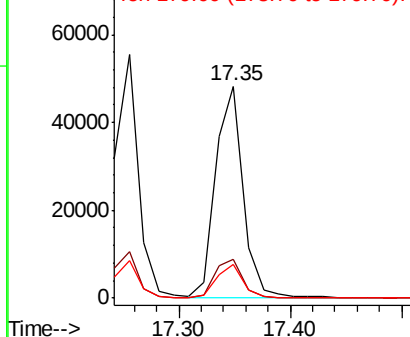
178 100

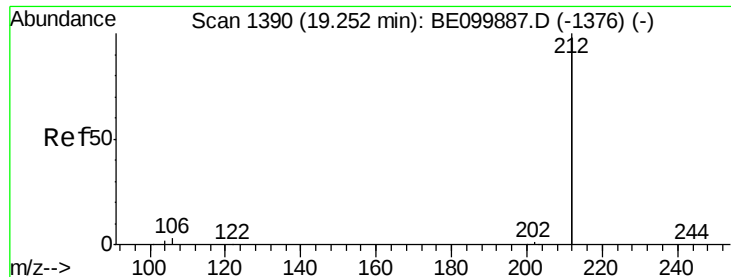
176 18.8 14.6 22.0

179 15.1 12.3 18.5



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: 4.921 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

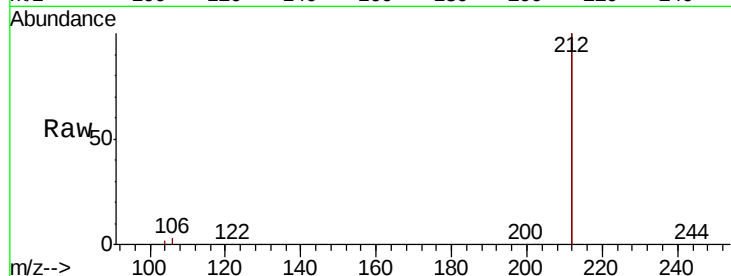
Tot Ion:212 Resp: 497141

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

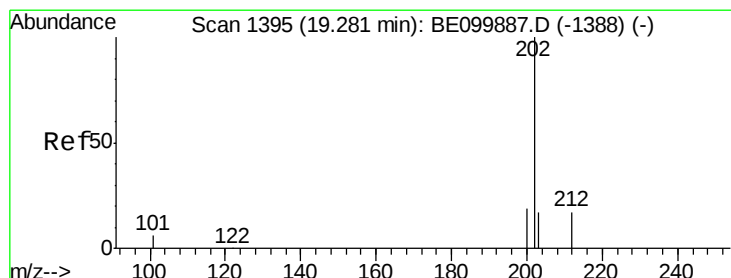
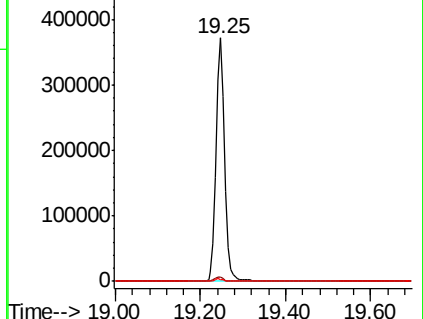
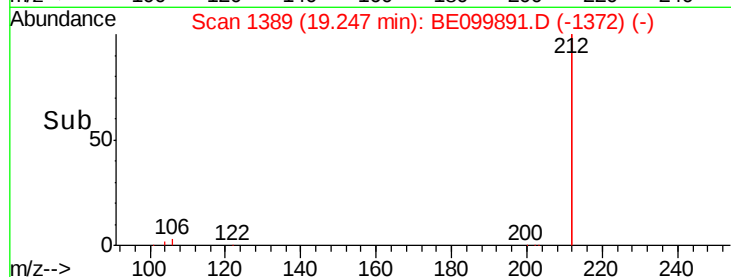
104 1.0 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 4.927 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

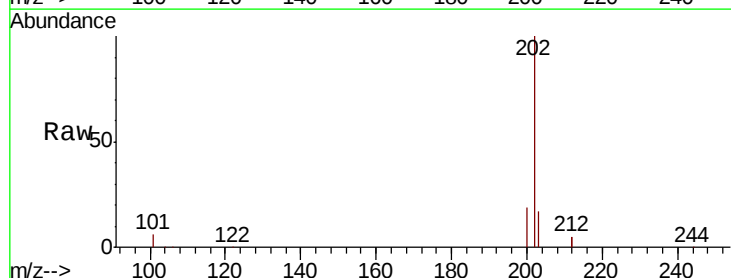
Tgt Ion:202 Resp: 140557

Ion Ratio Lower Upper

202 100

101 6.6 5.4 8.0

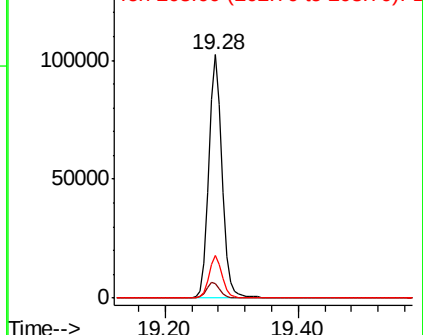
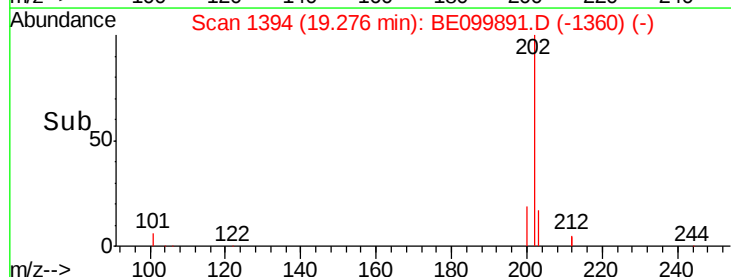
203 17.4 13.2 19.8

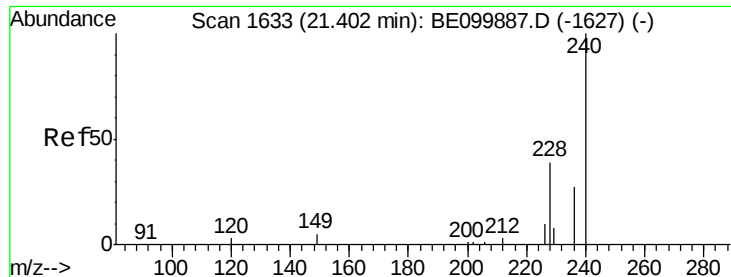


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

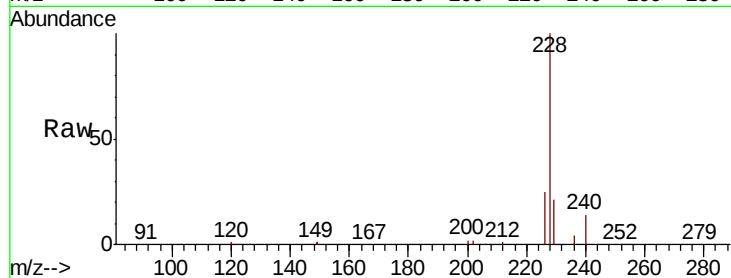
Tot Ion:240 Resp: 11035

Ion Ratio Lower Upper

240 100

120 7.1 3.8 5.6#

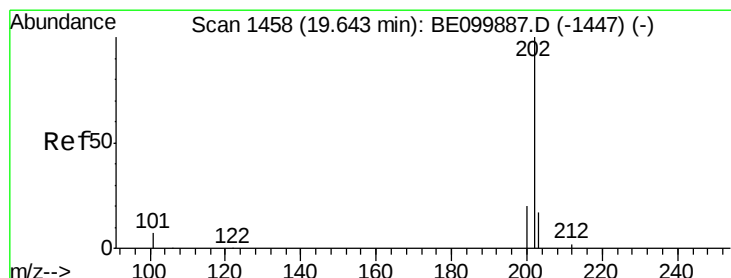
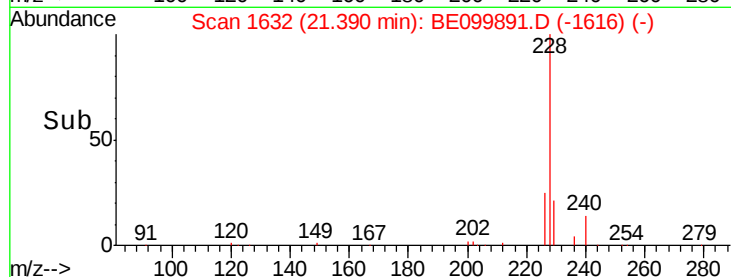
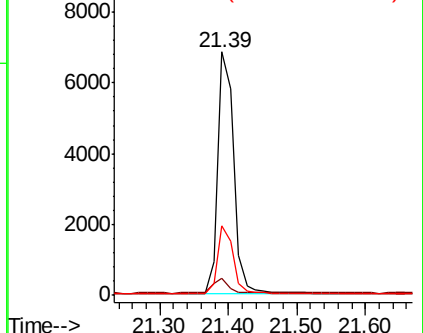
236 28.4 22.0 33.0



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: 4.990 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

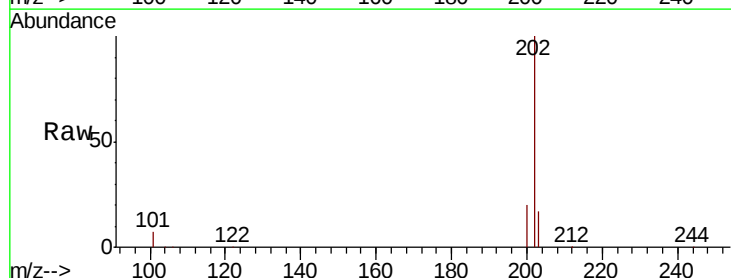
Tgt Ion:202 Resp: 145745

Ion Ratio Lower Upper

202 100

200 19.5 15.5 23.3

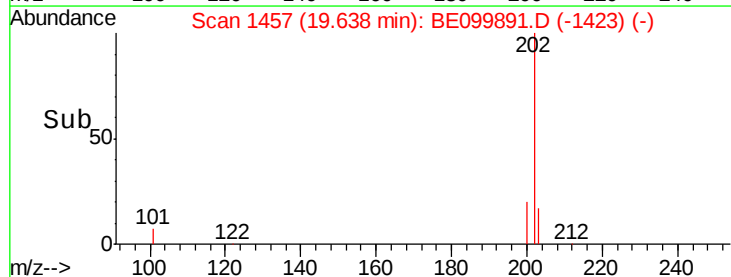
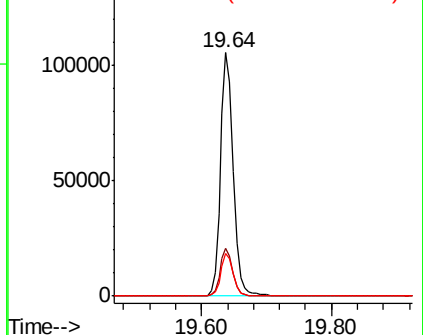
203 17.5 14.0 21.0

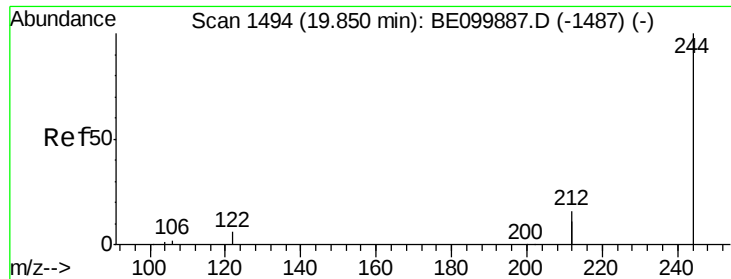


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.003 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

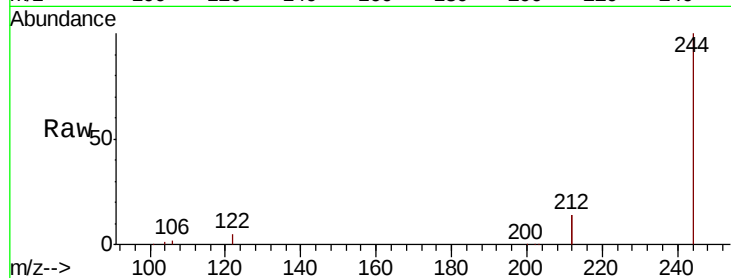
Tot Ion:244 Resp: 102937

Ion Ratio Lower Upper

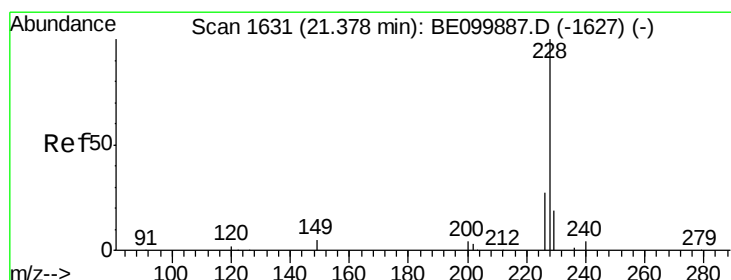
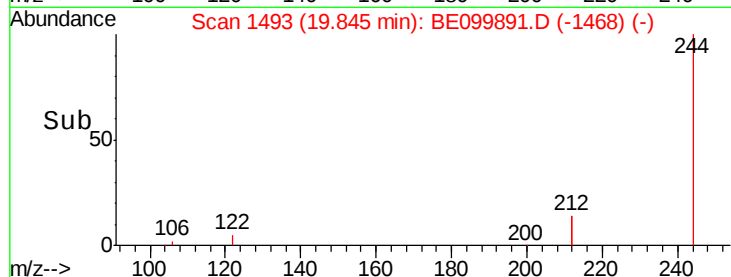
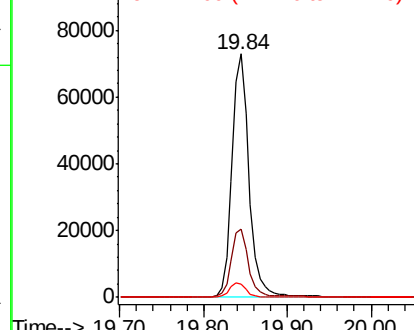
244 100

212 28.0 25.7 38.5

122 5.2 5.5 8.3#



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: 4.834 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

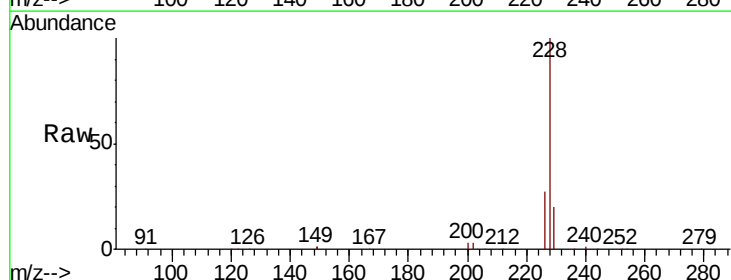
Tgt Ion:228 Resp: 169489

Ion Ratio Lower Upper

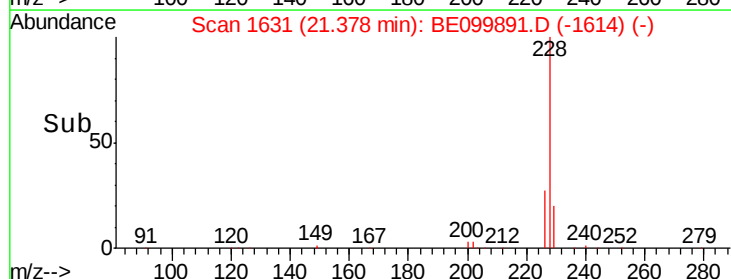
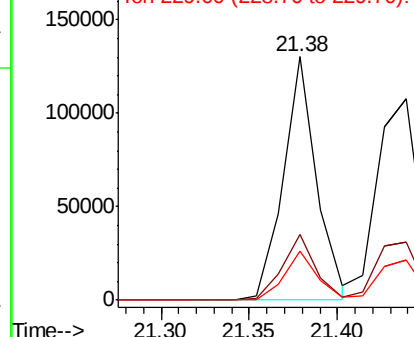
228 100

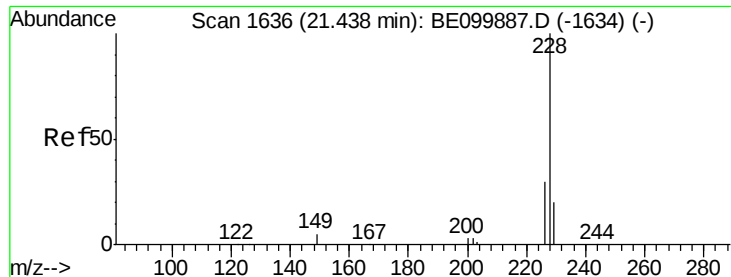
226 27.1 22.5 33.7

229 19.9 15.9 23.9



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: 5.078 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

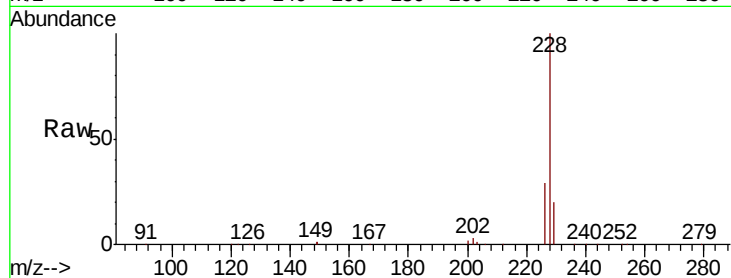
Tot Ion:228 Resp: 174831

Ion Ratio Lower Upper

228 100

226 28.8 24.1 36.1

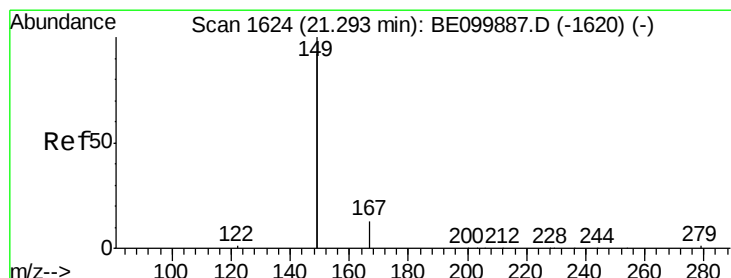
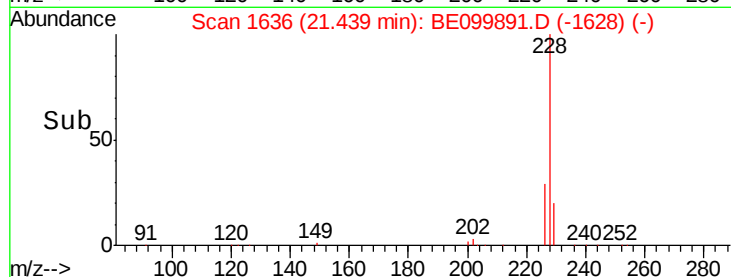
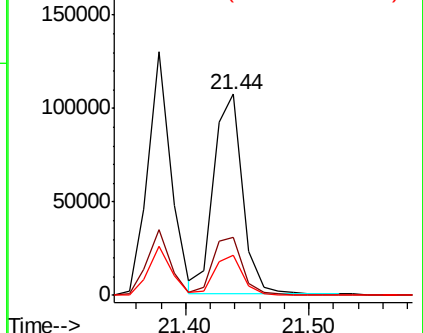
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.041 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

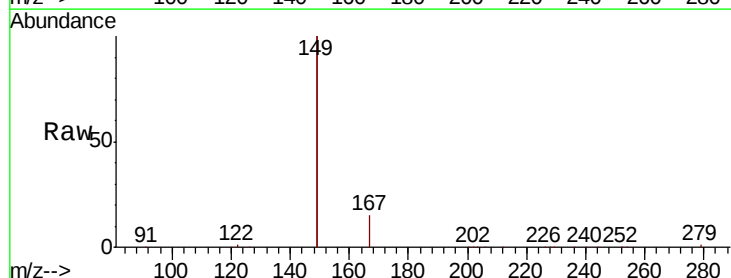
Tgt Ion:149 Resp: 231049

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

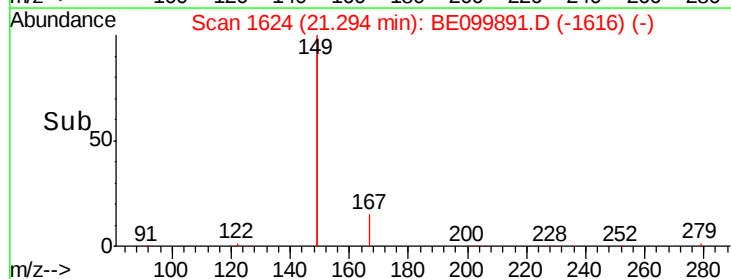
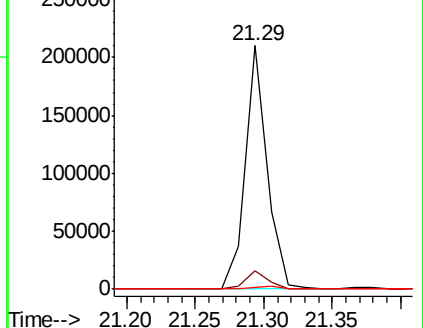
279 1.4 1.2 1.8

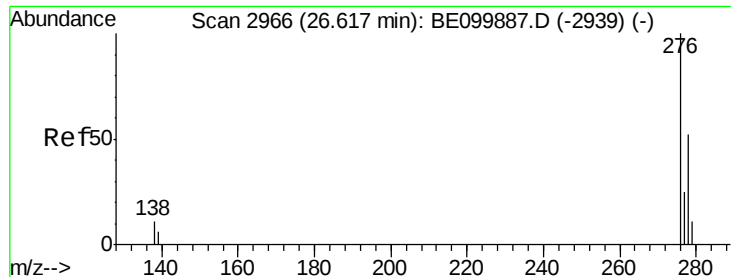


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

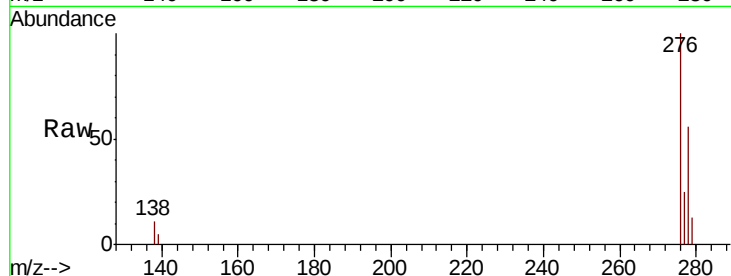




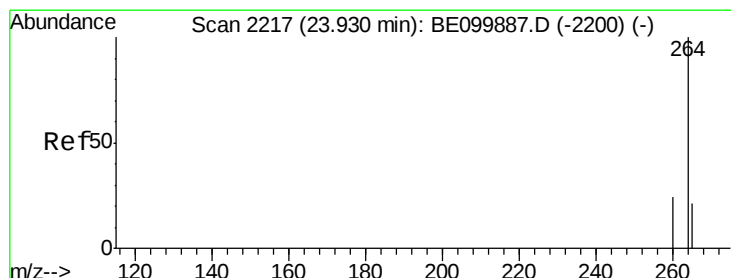
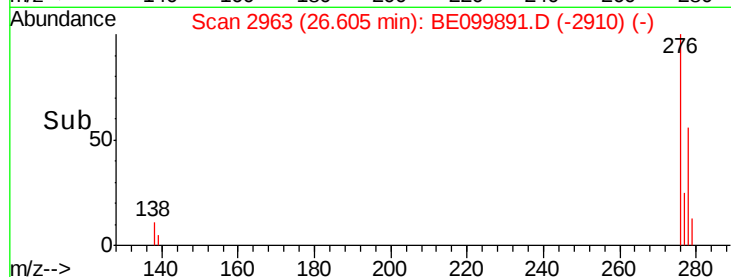
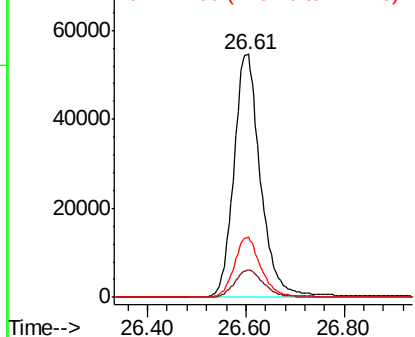
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.889 ng
RT: 26.61 min Scan# 2963
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.2	10.1	15.1
277	24.7	19.1	28.7

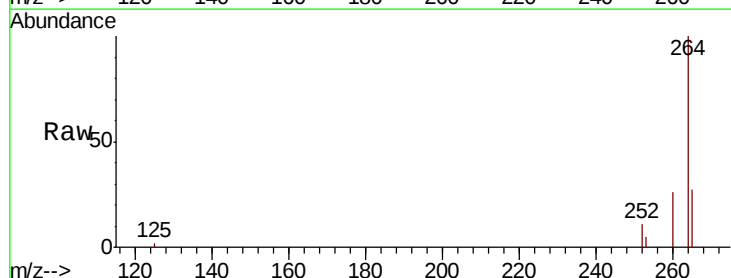


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

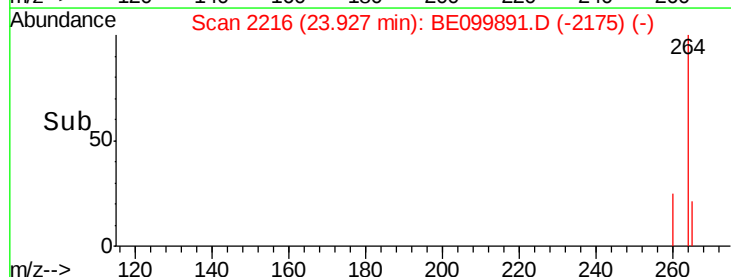
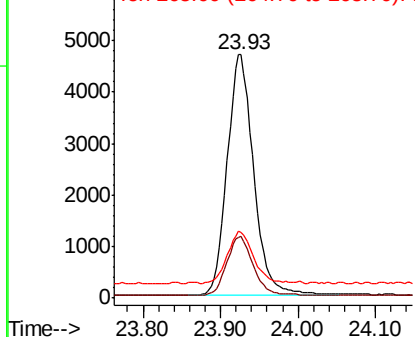


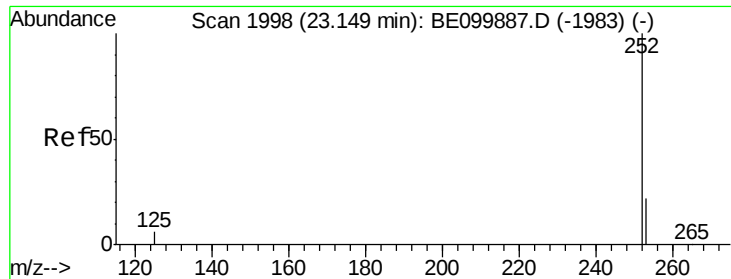
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	26.9	22.0	33.0



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: 5.421 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

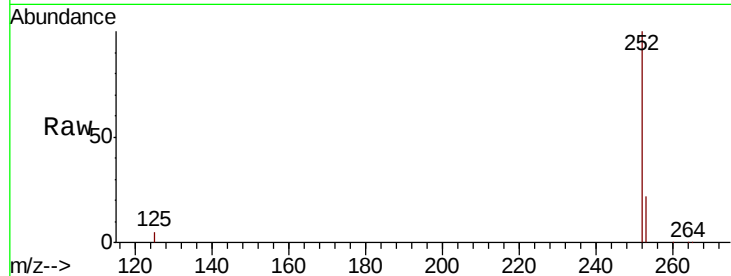
Tot Ion:252 Resp: 166954

Ion Ratio Lower Upper

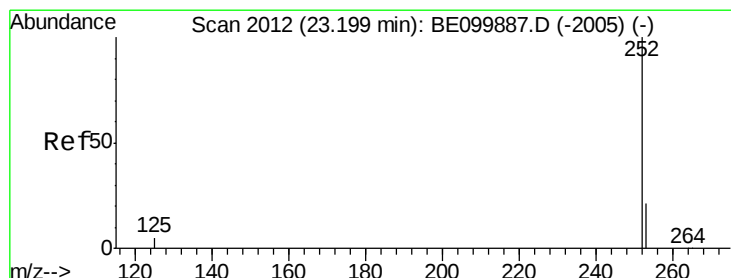
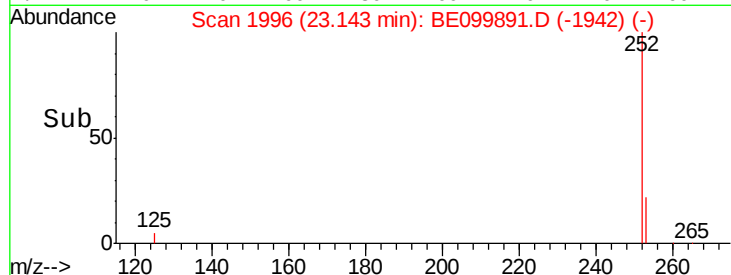
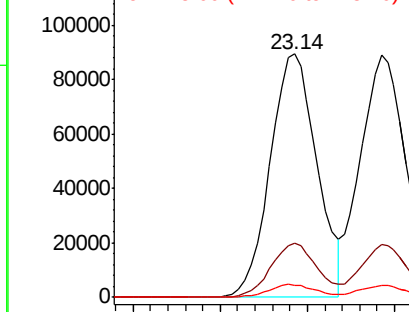
252 100

253 22.1 18.7 28.1

125 5.0 5.7 8.5#



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: 5.550 ng

RT: 23.19 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

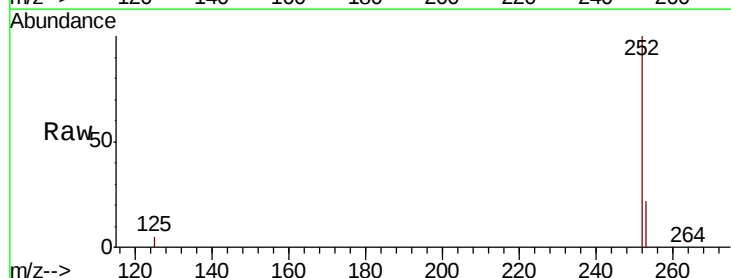
Tgt Ion:252 Resp: 171058

Ion Ratio Lower Upper

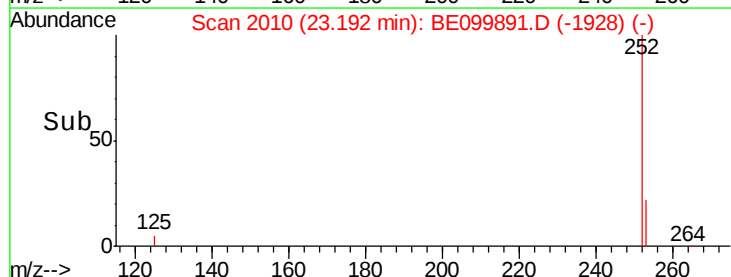
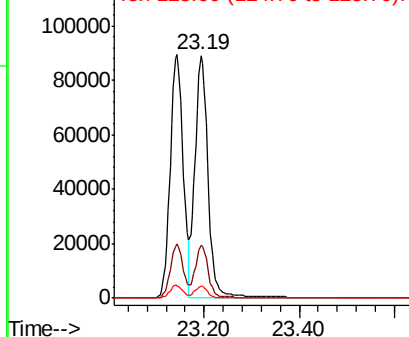
252 100

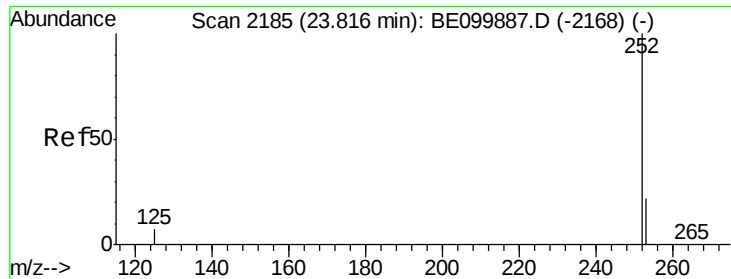
253 21.9 18.6 28.0

125 5.0 5.4 8.0#



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

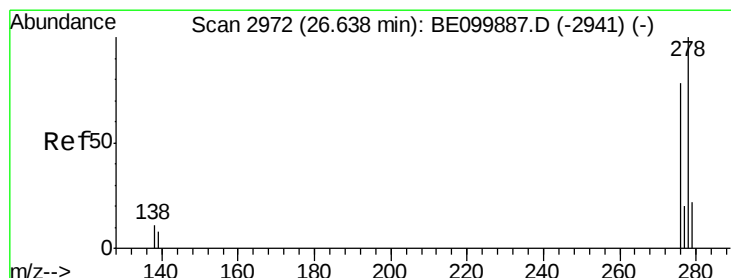
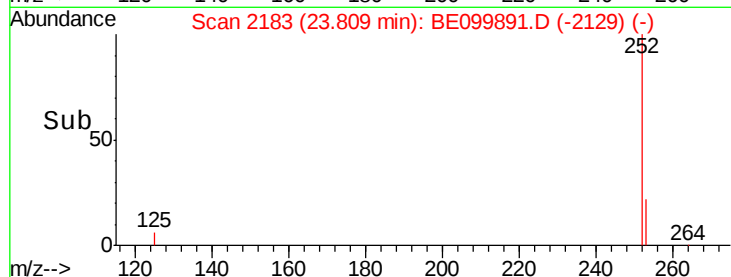
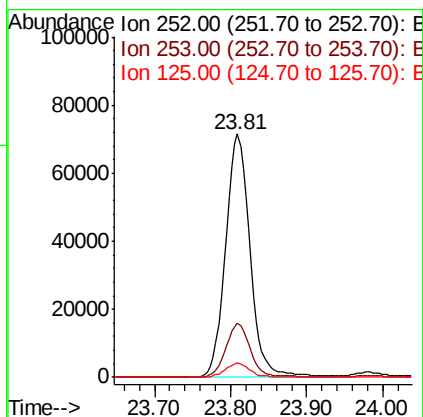
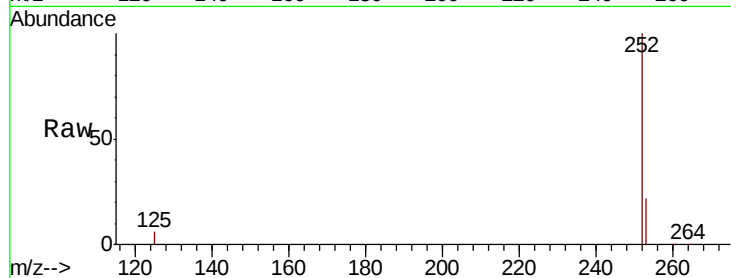




#37
Benzo(a)pyrene
Concen: 5.313 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

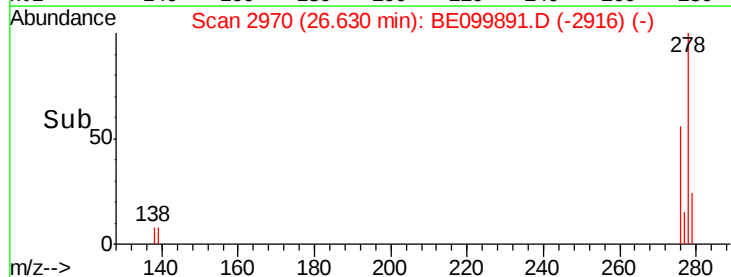
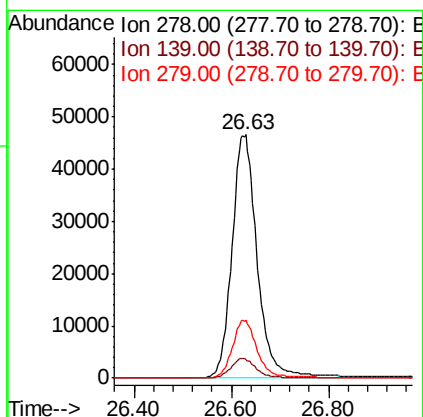
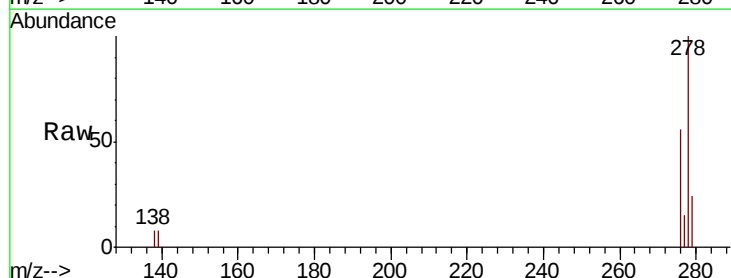
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

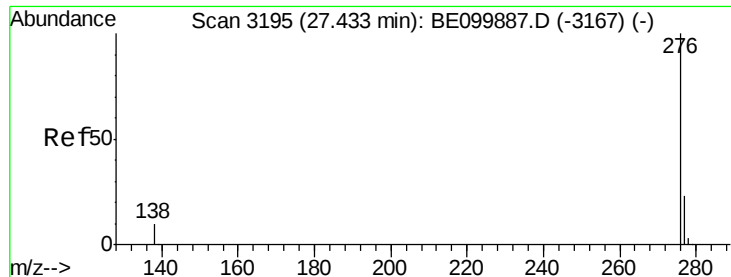
Tot Ion:252 Resp: 158825
Ion Ratio Lower Upper
252 100
253 22.2 19.6 29.4
125 5.8 6.6 10.0#



#38
Dibenzo(a,h)anthracene
Concen: 5.484 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:278 Resp: 167602
Ion Ratio Lower Upper
278 100
139 7.7 7.8 11.8#
279 23.8 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 5.409 ng

RT: 27.43 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BE099891.D

Acq: 10 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

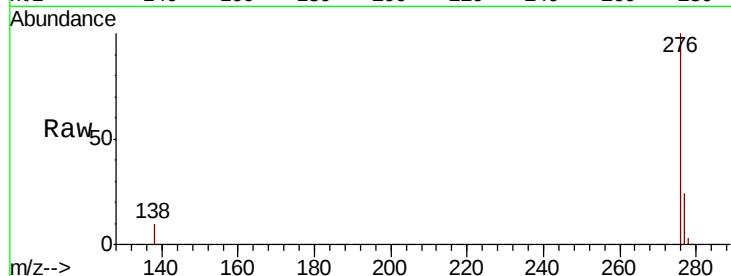
Tot Ion:276 Resp: 167951

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 10.5 9.5 14.3



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

