

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099182.D
 Acq On : 25 Mar 2019 14:22
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Mar 25 14:56:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 14:07:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4073	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	17963	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	13084	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	32941	0.40	ng	0.00
27) Chrysene-d12	21.38	240	39927	0.40	ng	-0.01
34) Perylene-d12	23.89	264	39825	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	56441	4.65	ng	0.00
5) Phenol-d6	6.99	99	89136	5.11	ng	0.00
8) Nitrobenzene-d5	8.99	82	80368	10.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	169524	5.24	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	37038	9.63	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	255339	4.91	ng	0.00
25) Fluoranthene-d10	19.24	212	2059723	4.69	ng	0.00
29) Terphenyl-d14	19.83	244	428383	5.07	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	25003	3.957	ng	97
3) n-Nitrosodimethylamine	3.65	42	18140	5.564	ng	# 90
6) bis(2-Chloroethyl)ether	7.26	93	70204	4.948	ng	97
9) Naphthalene	10.68	128	1004060	4.743	ng	100
10) Hexachlorobutadiene	10.95	225	54777	5.292	ng	98
12) 2-Methylnaphthalene	12.30	142	182384	5.030	ng	100
16) Acenaphthylene	14.20	152	343278	4.916	ng	100
17) Acenaphthene	14.54	154	193318	4.668	ng	99
18) Fluorene	15.52	166	269320	4.457	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	106477	5.838	ng	98
21) Hexachlorobenzene	16.52	284	98379	5.809	ng	100
22) Pentachlorophenol	16.85	266	24982	3.853	ng	90
23) Phenanthrene	17.26	178	453340	4.635	ng	99
24) Anthracene	17.34	178	444562	4.804	ng	100
26) Fluoranthene	19.27	202	606742	4.409	ng	99
28) Pyrene	19.63	202	612840	4.525	ng	99
30) Benzo(a)anthracene	21.37	228	641638	4.561	ng	100
31) Chrysene	21.43	228	648607	4.614	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	893755	4.896	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	683710	4.525	ng	97
35) Benzo(b)fluoranthene	23.12	252	635949	4.616	ng	98
36) Benzo(k)fluoranthene	23.17	252	648549	4.804	ng	99
37) Benzo(a)pyrene	23.78	252	594874	4.671	ng	98
38) Dibenzo(a,h)anthracene	26.58	278	570813	4.610	ng	98
39) Benzo(g,h,i)perylene	27.37	276	553320	4.350	ng	99

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

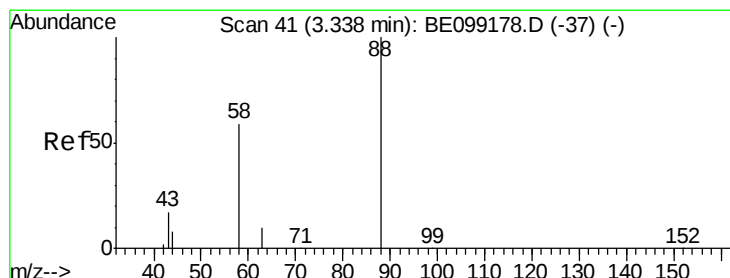
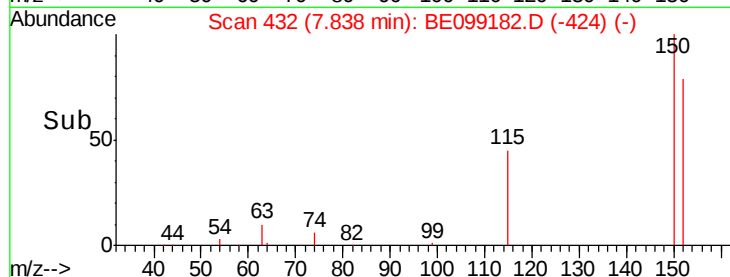
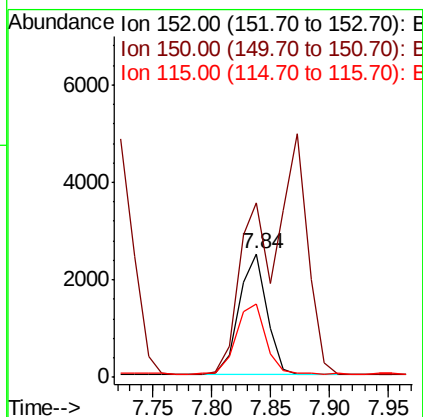
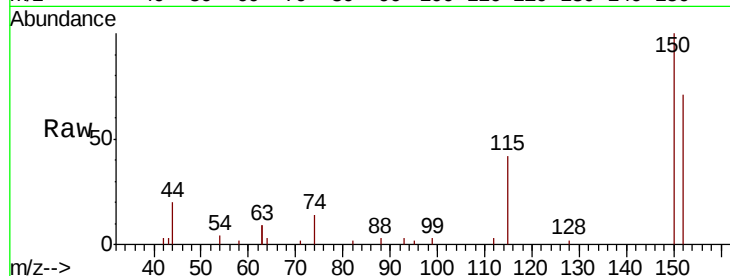


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

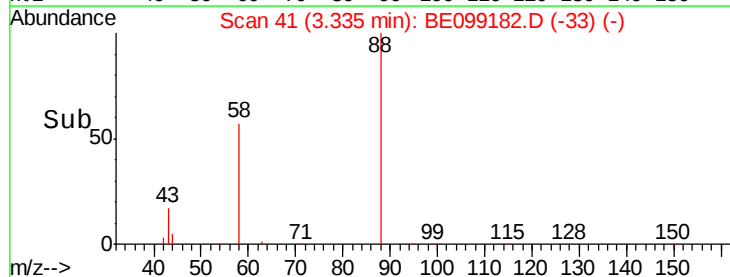
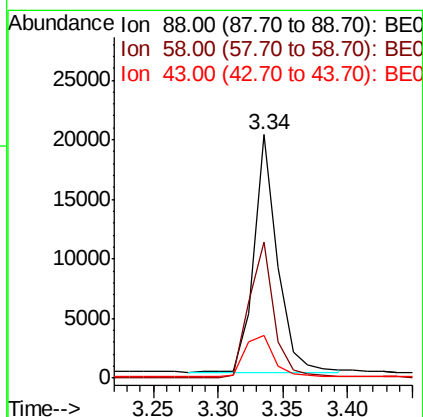
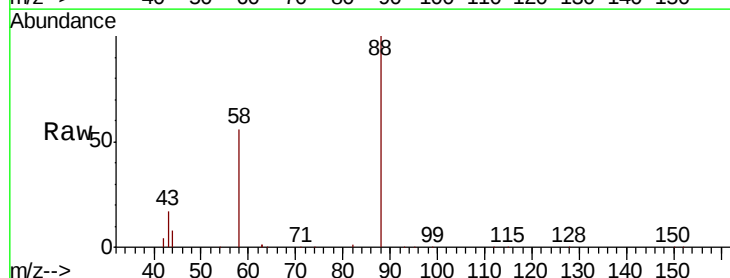
Tot Ion:152 Resp: 4073
Ion Ratio Lower Upper
152 100
150 141.1 112.8 169.2
115 59.5 45.1 67.7



#2

1,4-Dioxane
Concen: 3.957 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Tgt Ion: 88 Resp: 25003
Ion Ratio Lower Upper
88 100
58 61.1 47.4 71.0
43 21.2 15.6 23.4





#3

n-Nitrosodimethylamine

Concen: 5.564 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.03 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

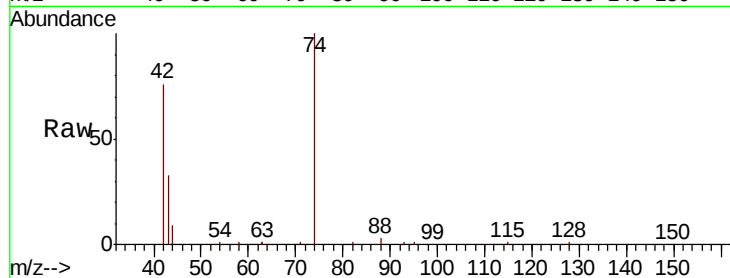
Tot Ion: 42 Resp: 18140

Ion Ratio Lower Upper

42 100

74 184.5 138.6 207.8

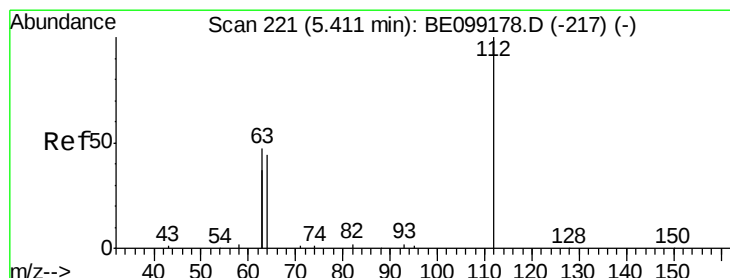
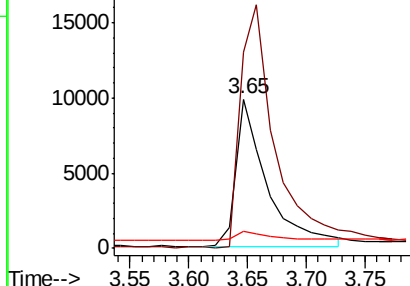
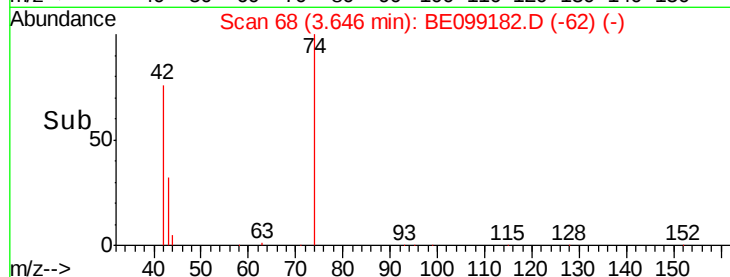
44 6.6 15.0 22.6#



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: 4.653 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

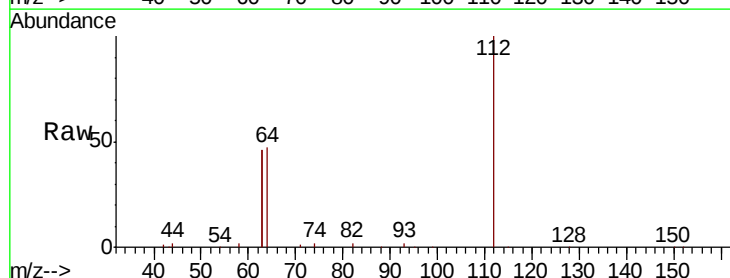
Tgt Ion: 112 Resp: 56441

Ion Ratio Lower Upper

112 100

64 57.1 46.2 69.2

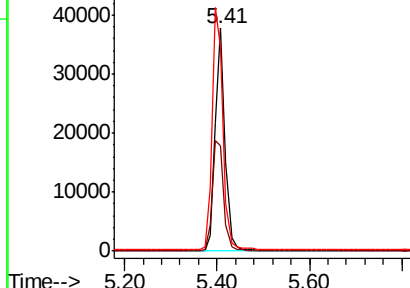
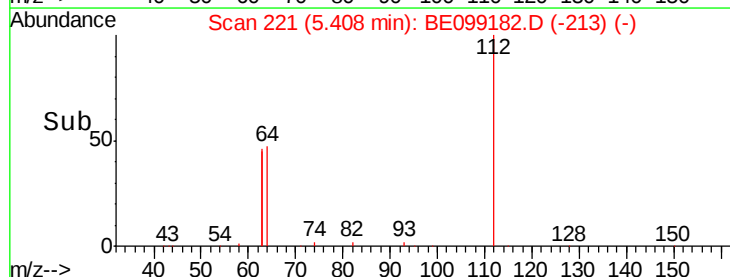
63 119.0 89.9 134.9

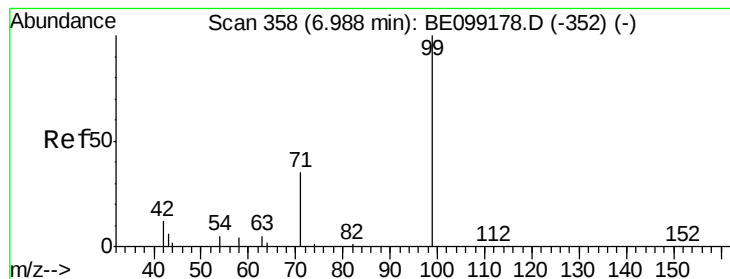


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.105 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

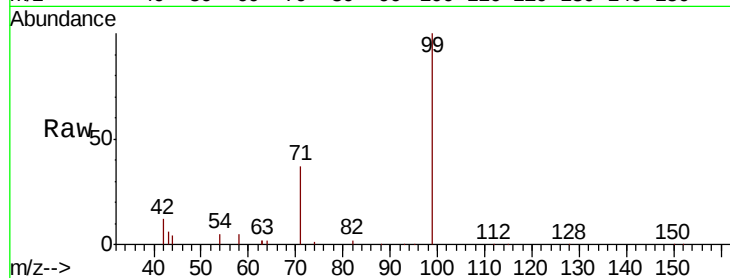
Tot Ion: 99 Resp: 89136

Ion Ratio Lower Upper

99 100

42 14.6 12.4 18.6

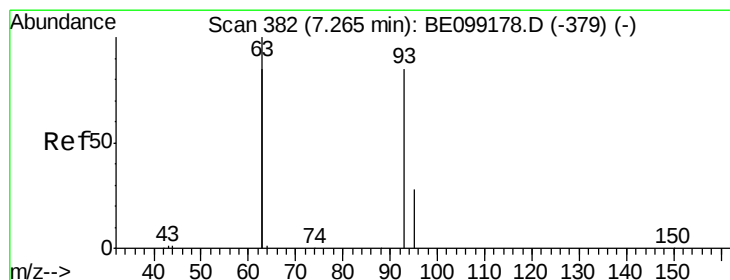
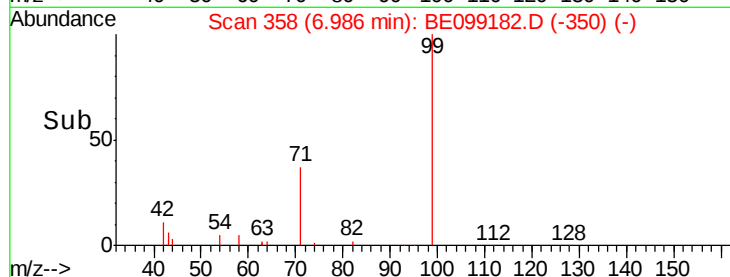
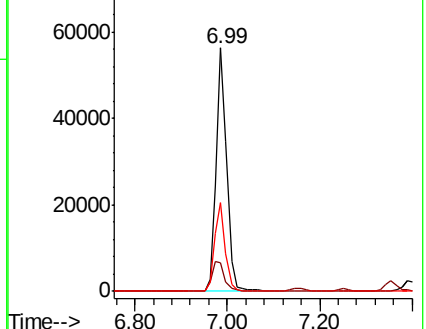
71 36.8 28.4 42.6



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: 4.948 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

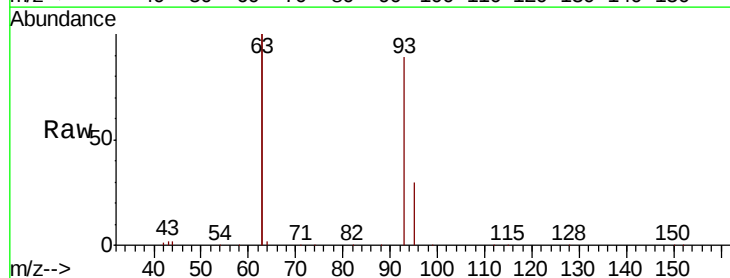
Tgt Ion: 93 Resp: 70204

Ion Ratio Lower Upper

93 100

63 283.3 221.4 332.0

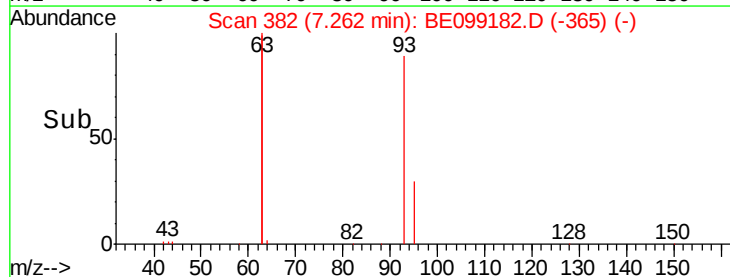
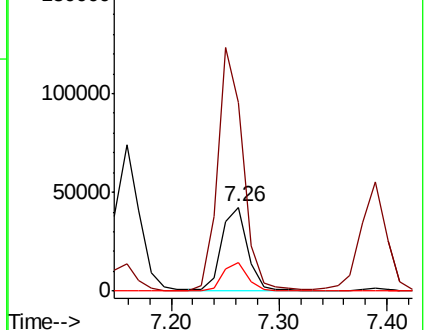
95 32.5 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 17963

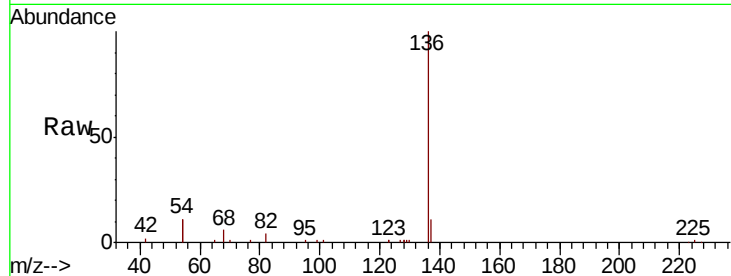
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 21.7 18.7 28.1

68 6.1 5.2 7.8

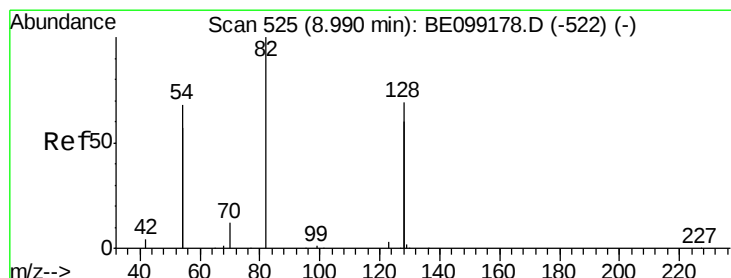
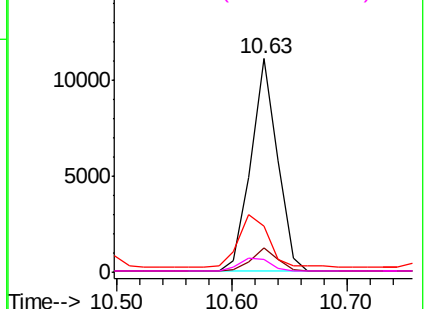
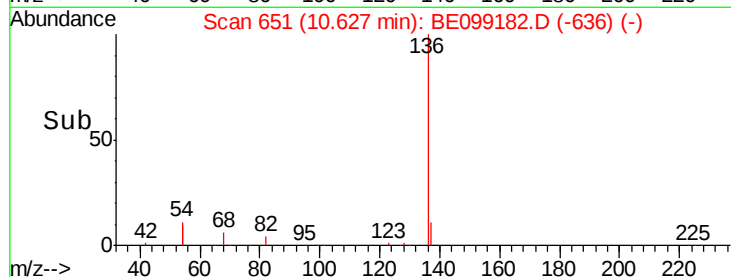


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.234 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

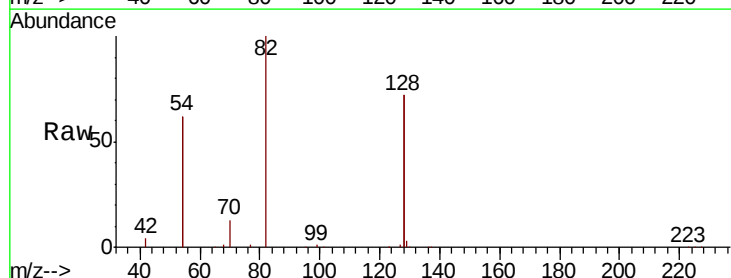
Tgt Ion: 82 Resp: 80368

Ion Ratio Lower Upper

82 100

128 144.5 107.5 161.3

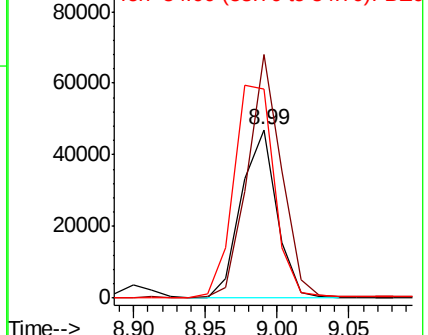
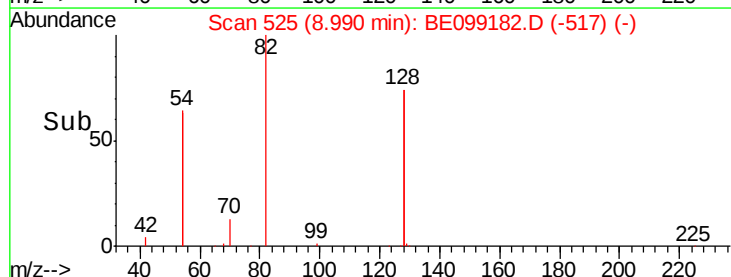
54 123.8 106.3 159.5

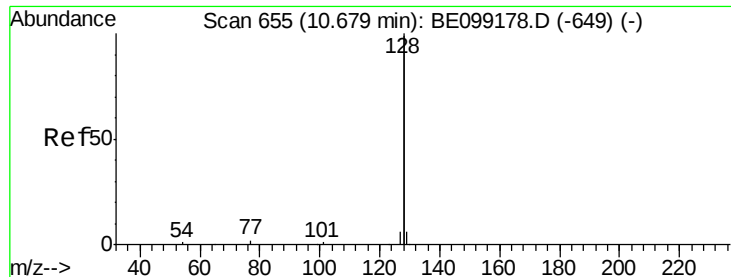


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

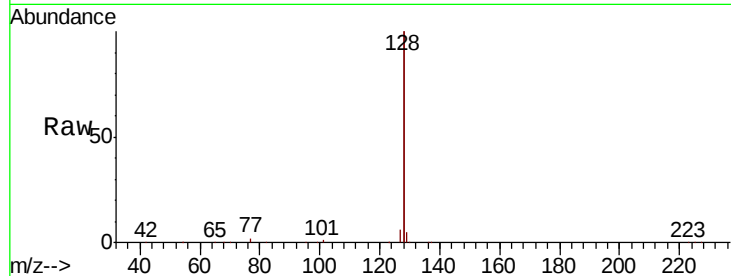




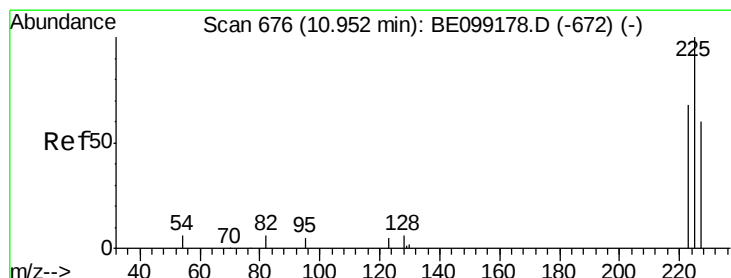
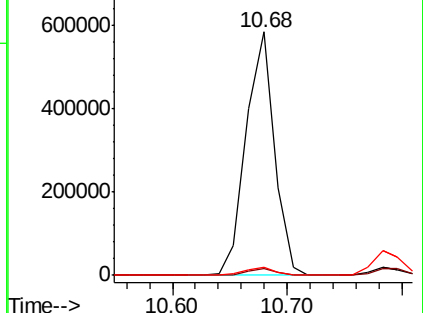
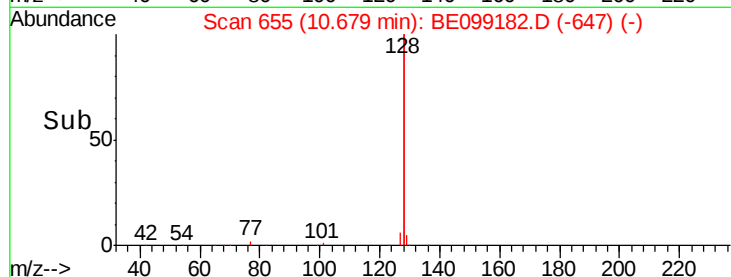
#9
Naphthalene
Concen: 4.743 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:128 Resp: 1004060
Ion Ratio Lower Upper
128 100
129 2.7 2.3 3.5
127 3.2 2.6 3.8

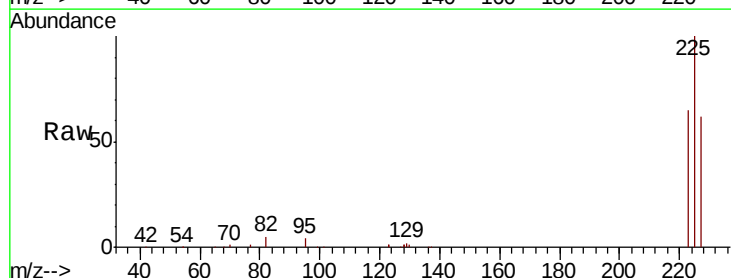


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

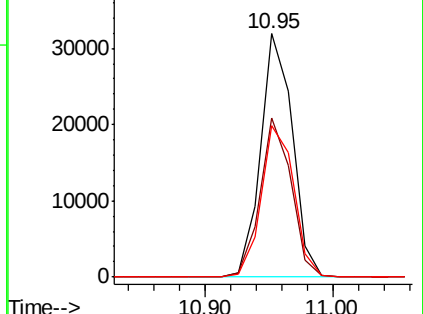
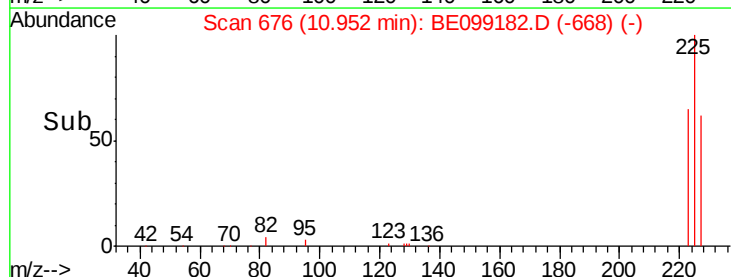


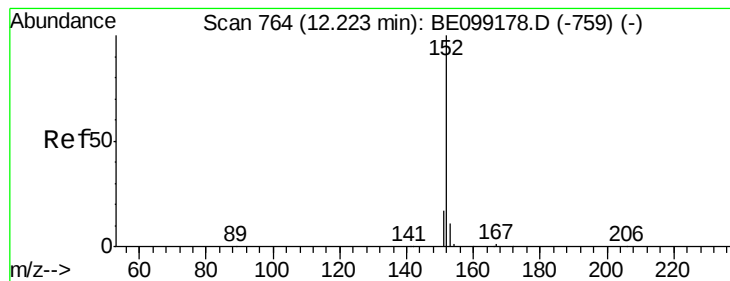
#10
Hexachlorobutadiene
Concen: 5.292 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Tgt Ion:225 Resp: 54777
Ion Ratio Lower Upper
225 100
223 63.8 51.3 76.9
227 63.8 48.6 73.0



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: 5.240 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

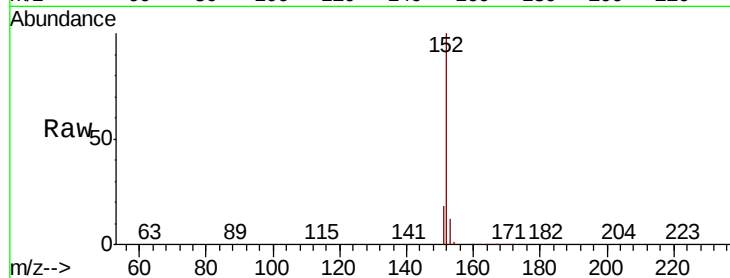
SSTDICC5.0

Tot Ion:152 Resp: 169524

Ion Ratio Lower Upper

152 100

151 19.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

100000

80000

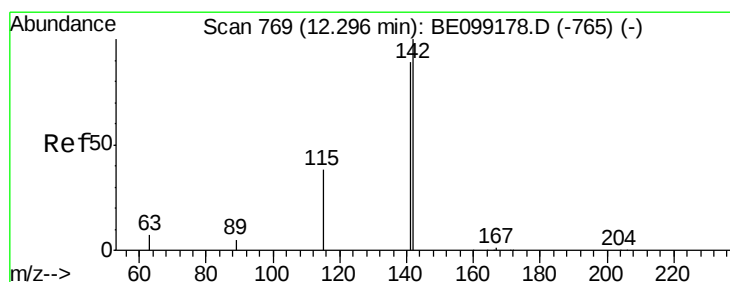
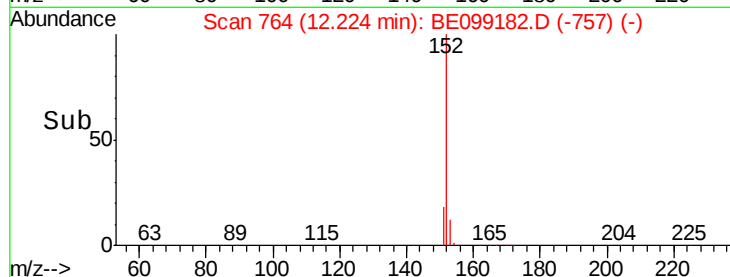
60000

40000

20000

0

Time-->



#12

2-Methylnaphthalene

Concen: 5.030 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

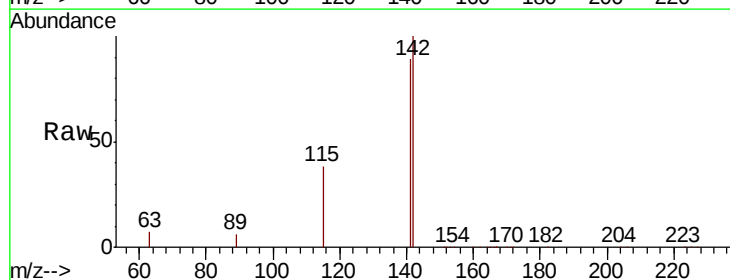
Tgt Ion:142 Resp: 182384

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

115 38.2 30.4 45.6



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

12.30

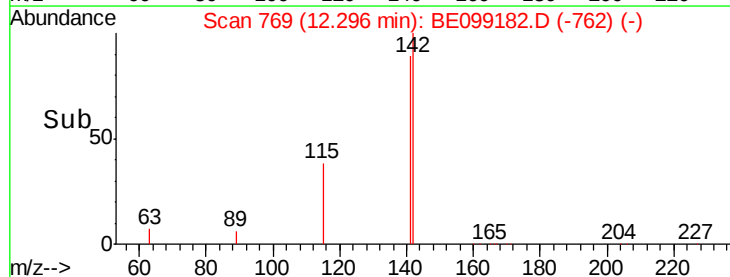
150000

100000

50000

0

Time-->

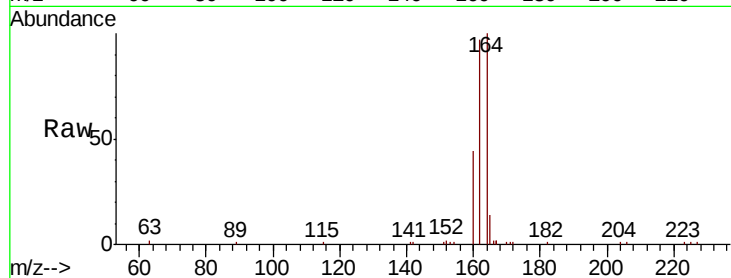




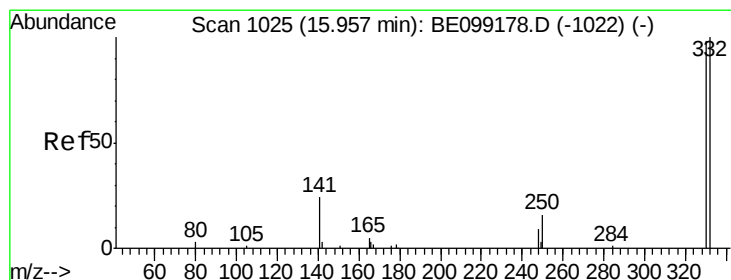
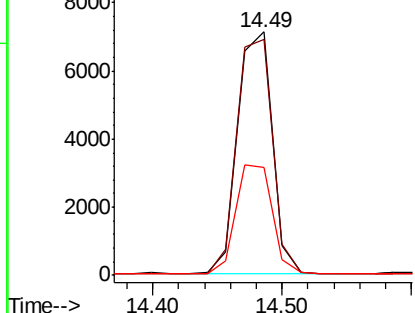
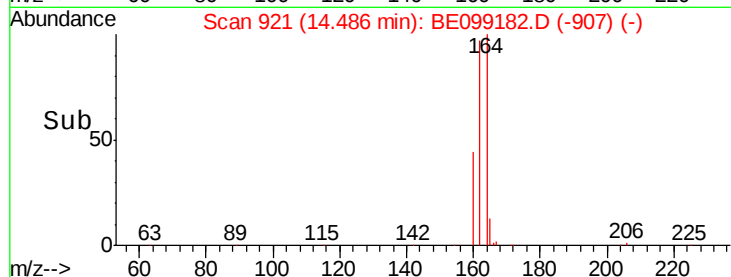
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:164 Resp: 13084
Ion Ratio Lower Upper
164 100
162 97.0 79.2 118.8
160 44.3 36.7 55.1

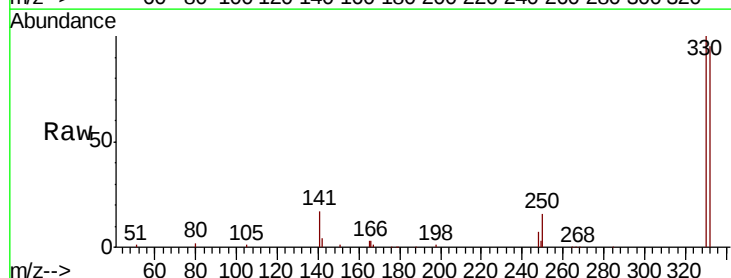


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

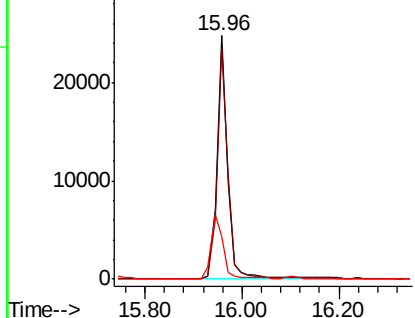
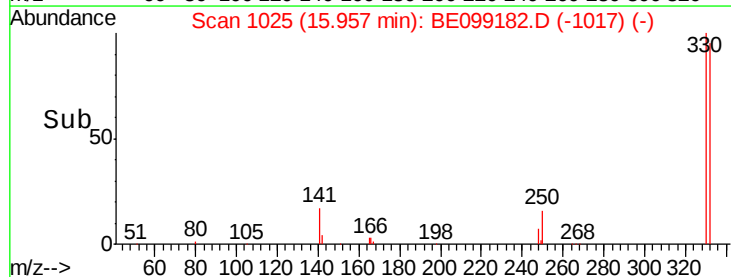


#14
2,4,6-Tribromophenol
Concen: 9.630 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Tgt Ion:330 Resp: 37038
Ion Ratio Lower Upper
330 100
332 97.1 71.3 106.9
141 28.5 21.7 32.5



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

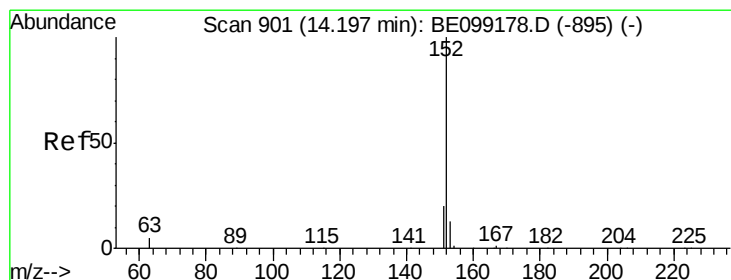
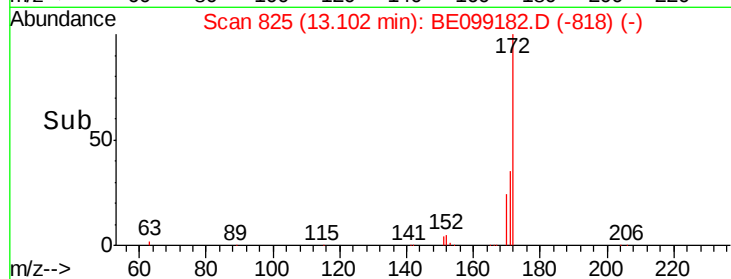
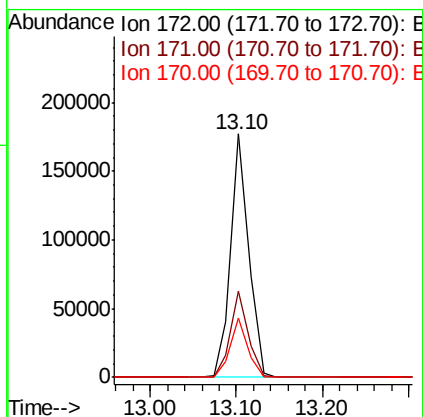
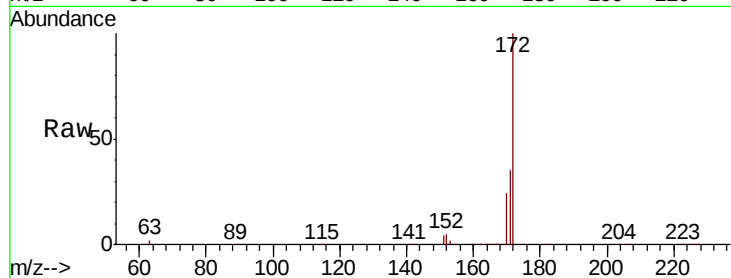




#15
2-Fluorobiphenyl
Concen: 4.907 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

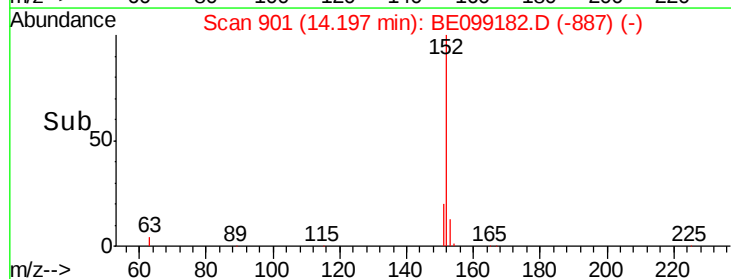
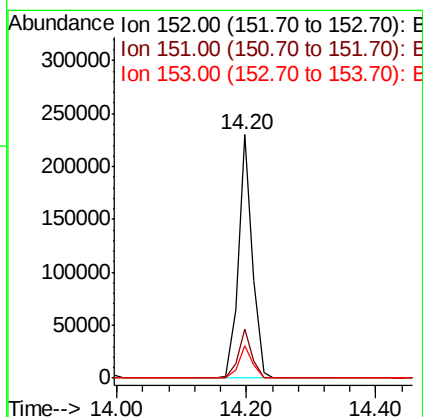
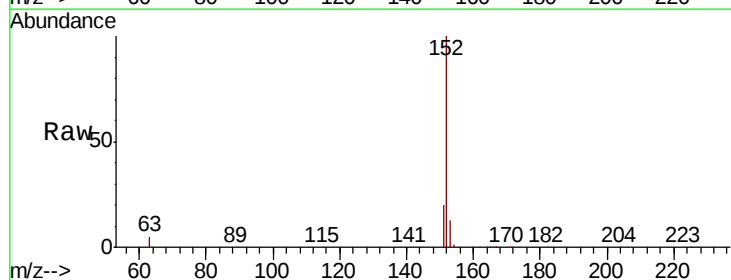
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

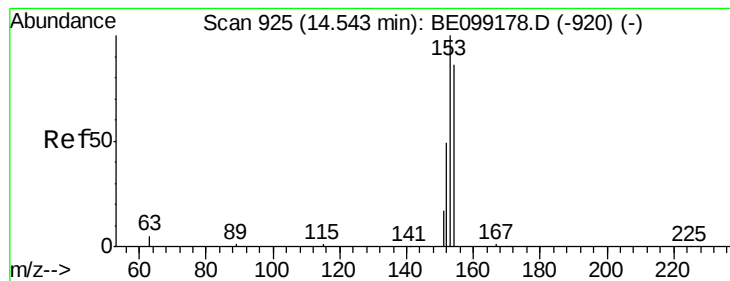
Tot Ion:172 Resp: 255339
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 24.2 19.1 28.7



#16
Acenaphthylene
Concen: 4.916 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Tgt Ion:152 Resp: 343278
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 4.668 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

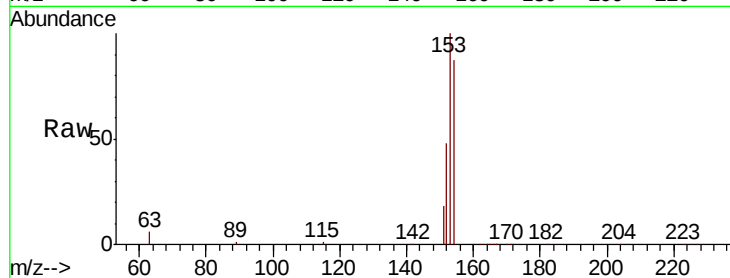
Tot Ion:154 Resp: 193318

Ion Ratio Lower Upper

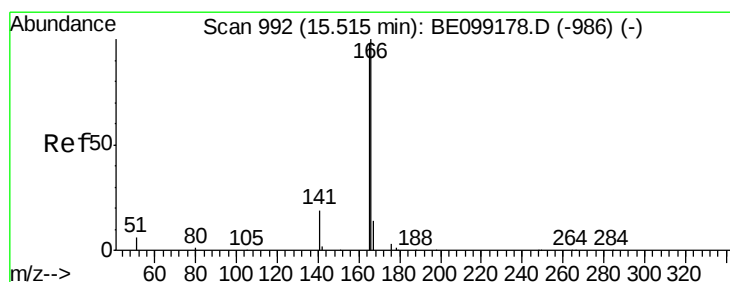
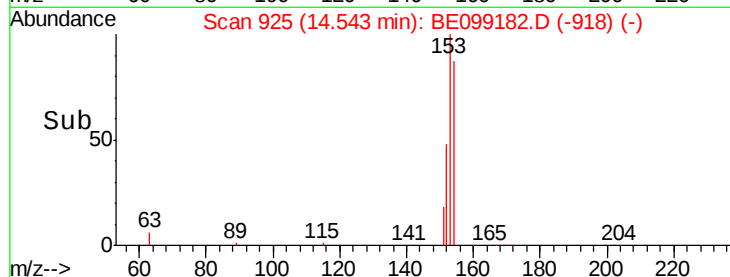
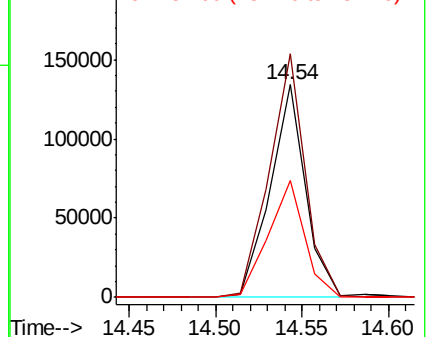
154 100

153 115.8 93.4 140.0

152 56.5 46.6 69.8



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: 4.457 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

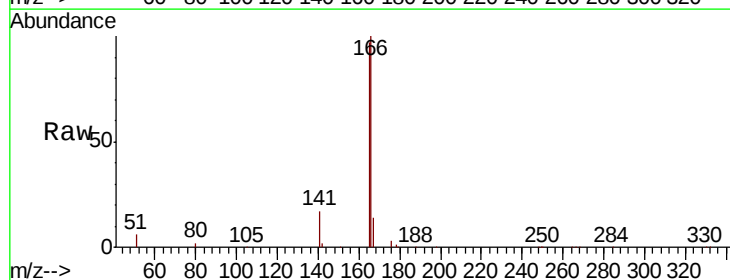
Tgt Ion:166 Resp: 269320

Ion Ratio Lower Upper

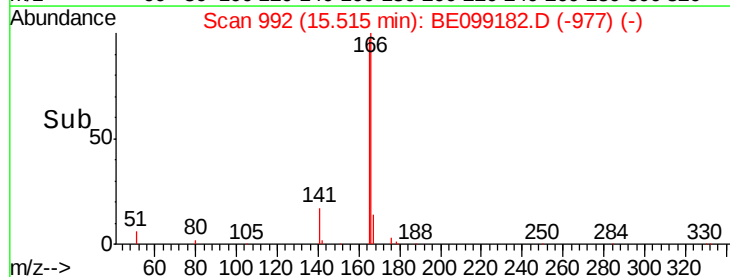
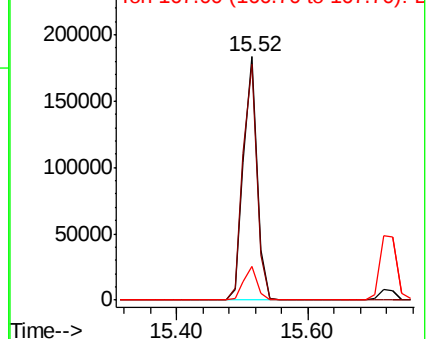
166 100

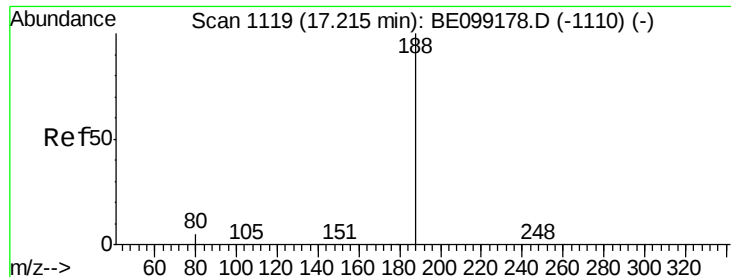
165 99.4 78.9 118.3

167 13.5 10.9 16.3



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: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

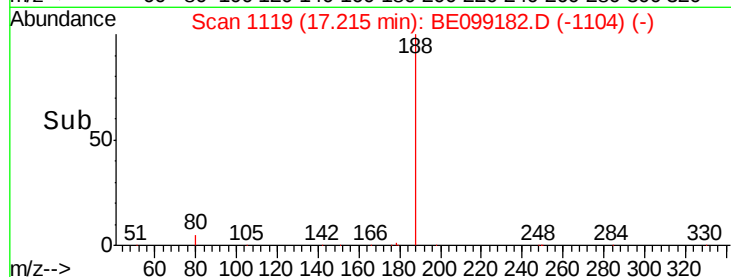
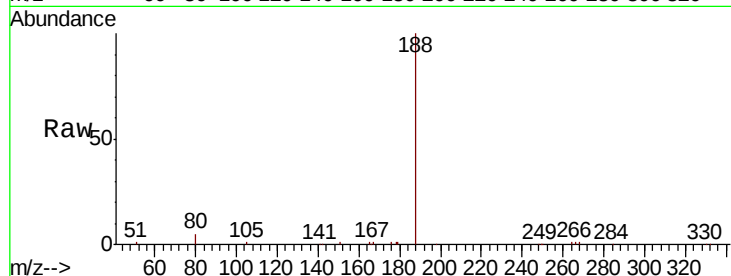
Tot Ion:188 Resp: 32941

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

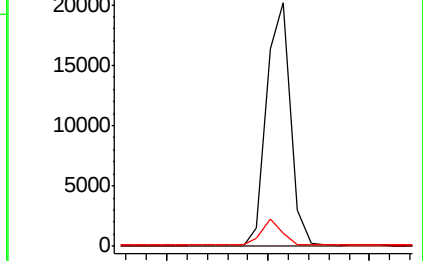
80 5.2 4.5 6.7



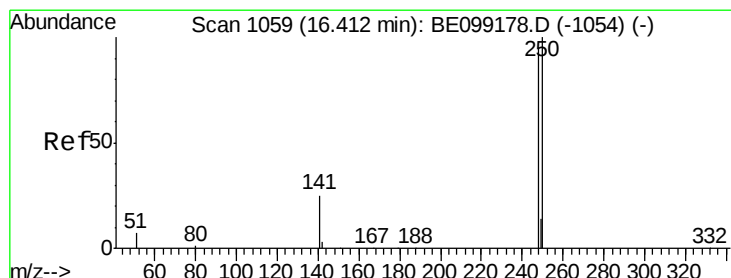
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 5.838 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

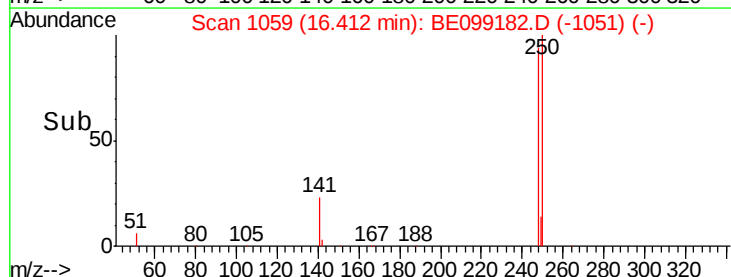
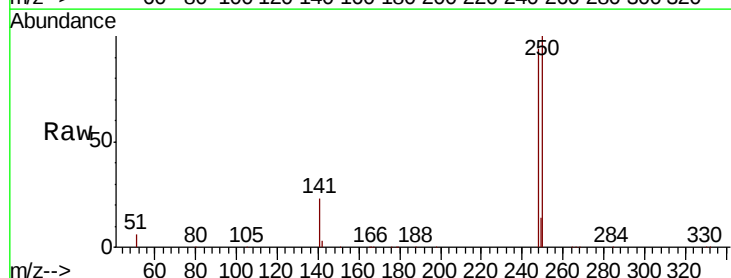
Tgt Ion:248 Resp: 106477

Ion Ratio Lower Upper

248 100

250 106.0 84.2 126.2

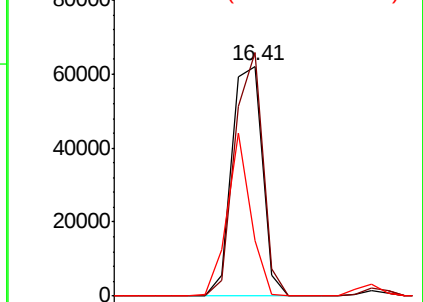
141 24.0 21.8 32.6



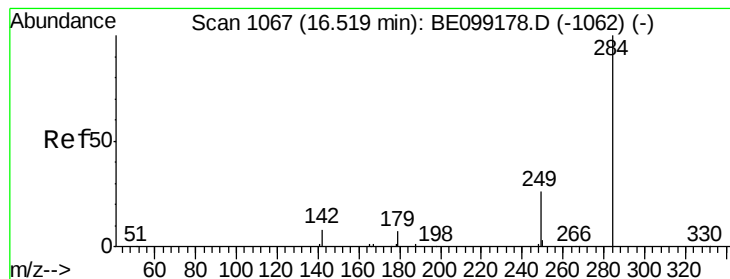
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#21

Hexachlorobenzene

Concen: 5.809 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

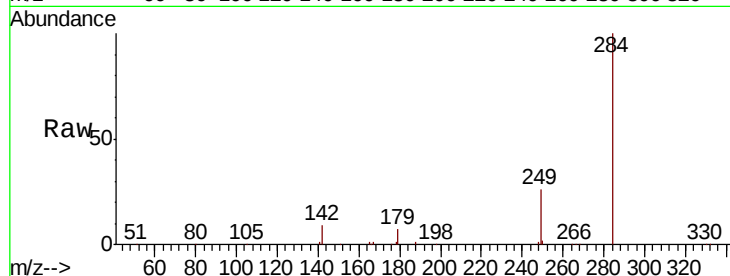
Tot Ion:284 Resp: 98379

Ion Ratio Lower Upper

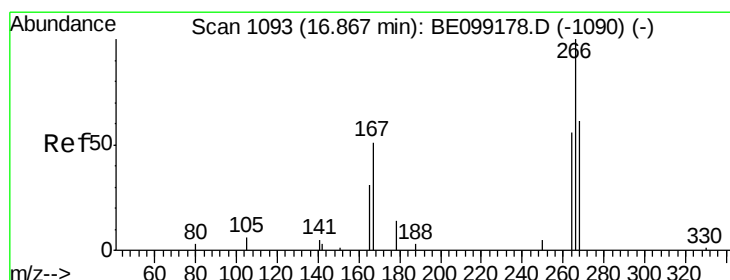
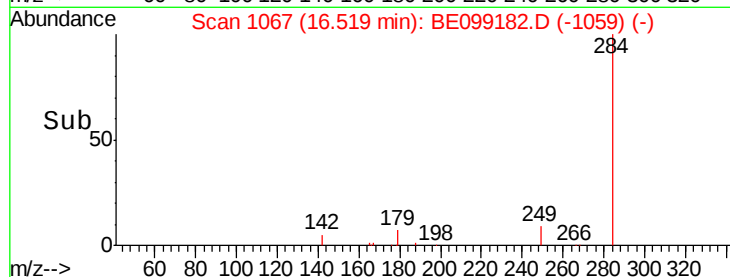
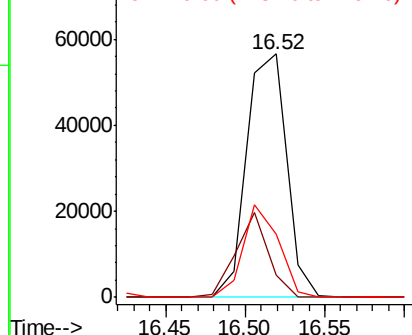
284 100

142 28.6 22.7 34.1

249 33.5 26.9 40.3



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: 3.853 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

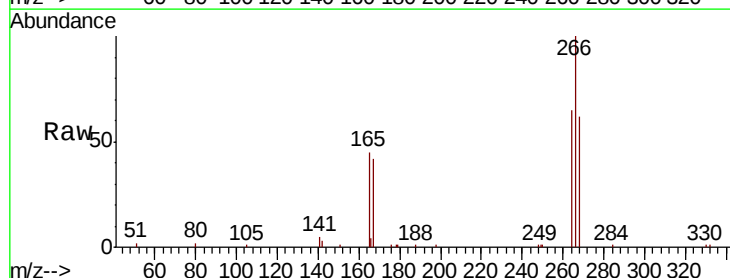
Tgt Ion:266 Resp: 24982

Ion Ratio Lower Upper

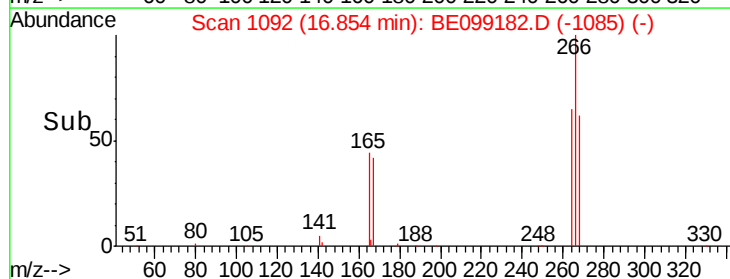
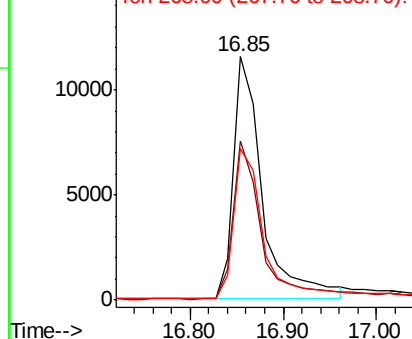
266 100

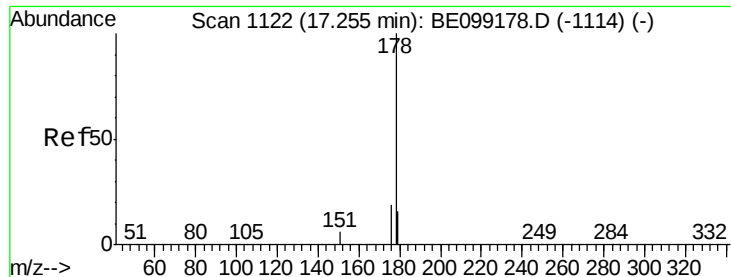
264 65.2 54.4 81.6

268 62.4 61.3 91.9



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

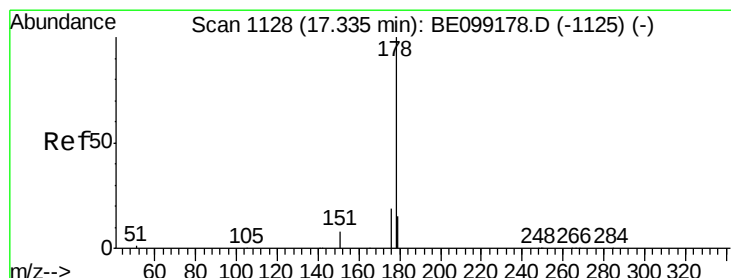
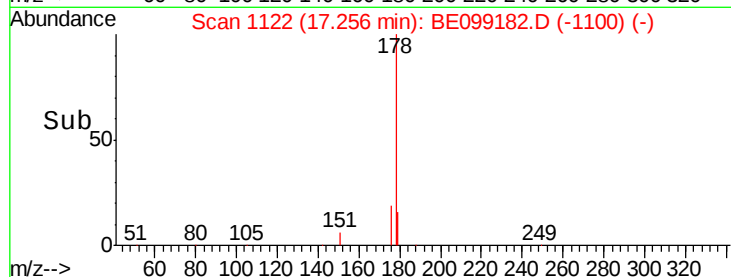
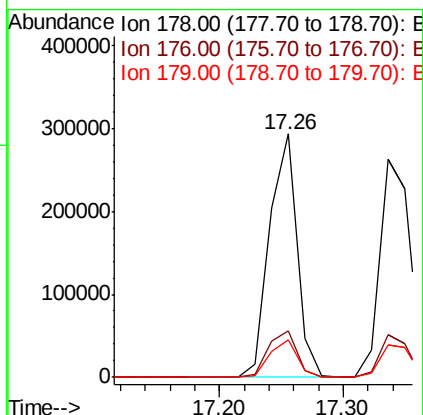
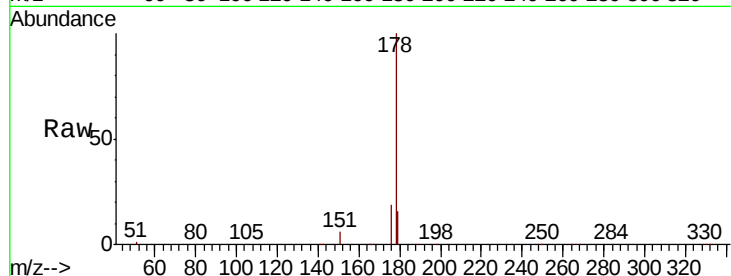




#23
Phenanthrene
Concen: 4.635 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

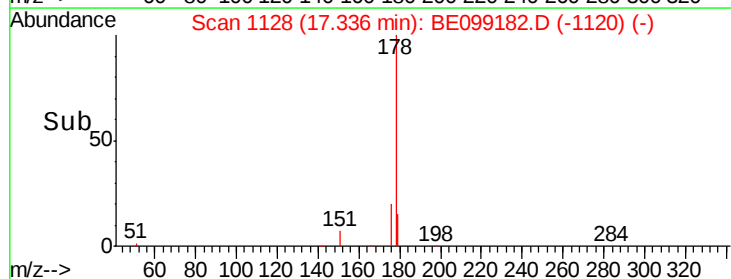
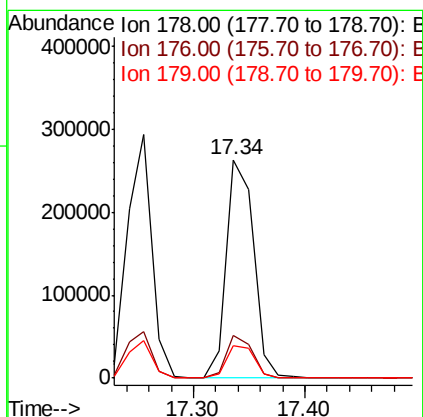
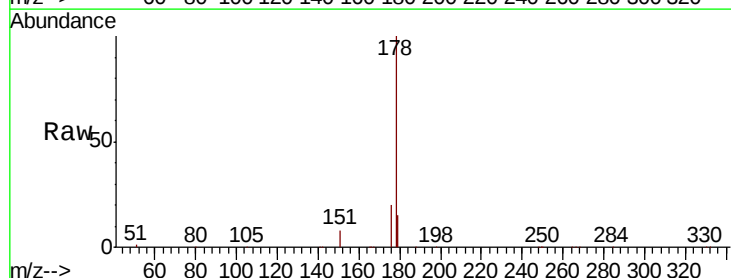
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

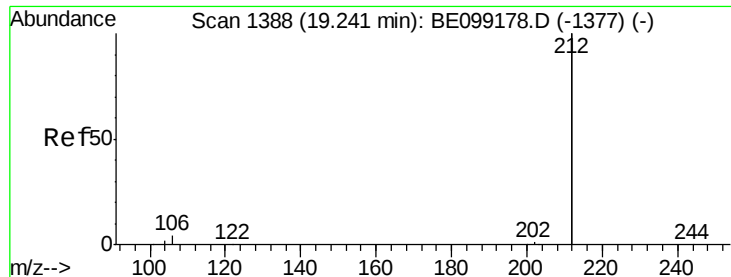
Tot Ion:178 Resp: 453340
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.4 12.3 18.5



#24
Anthracene
Concen: 4.804 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Tgt Ion:178 Resp: 444562
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.3 12.4 18.6





#25

Fluoranthene-d10

Concen: 4.687 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

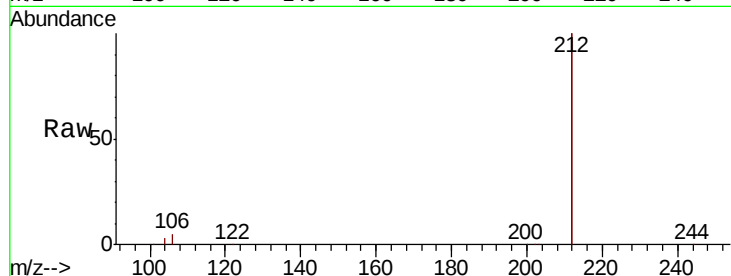
Tot Ion:212 Resp: 2059723

Ion Ratio Lower Upper

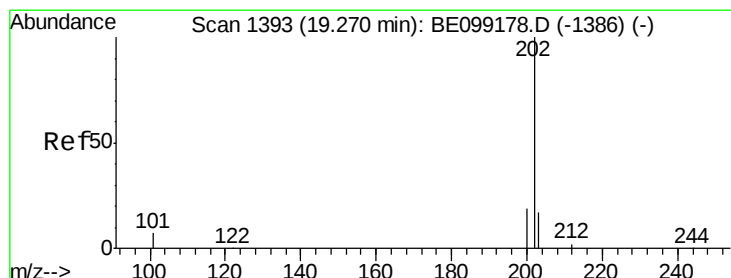
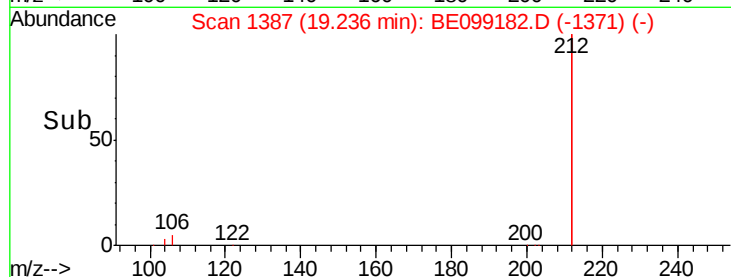
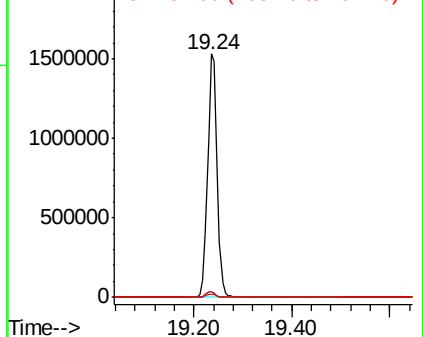
212 100

106 2.3 1.8 2.8

104 1.3 1.1 1.7



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: 4.409 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

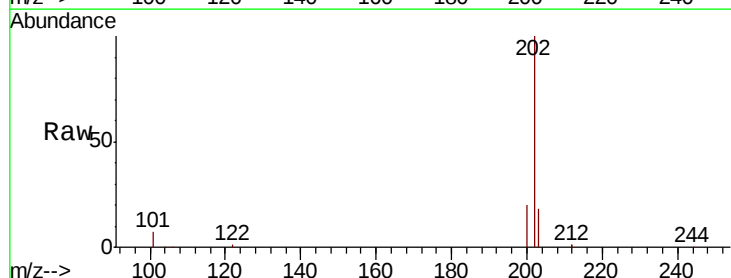
Tgt Ion:202 Resp: 606742

Ion Ratio Lower Upper

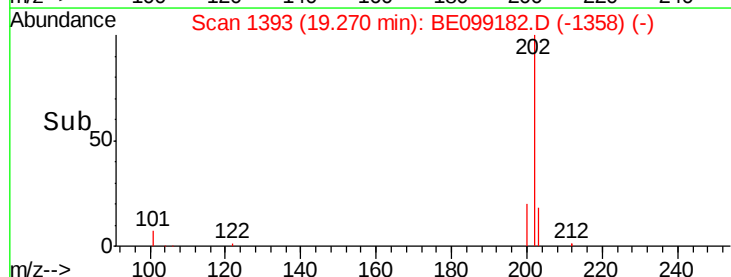
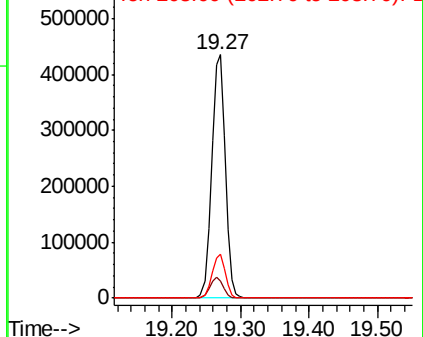
202 100

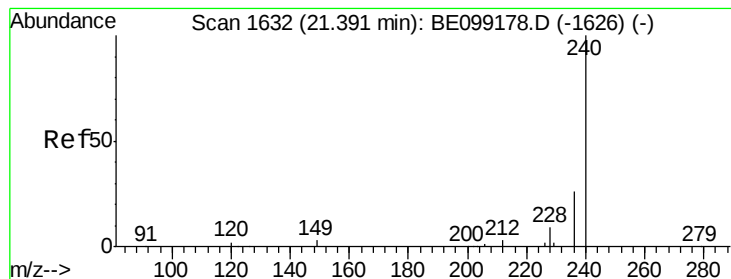
101 8.5 7.0 10.4

203 17.6 13.8 20.6



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

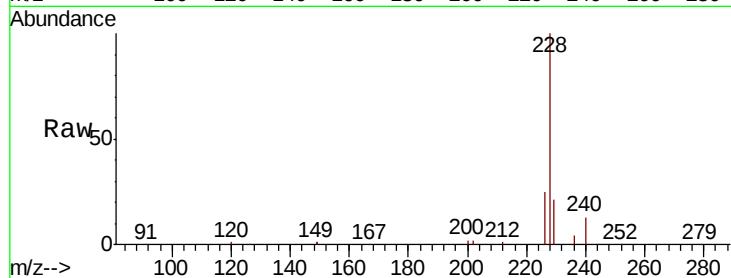
Tot Ion:240 Resp: 39927

Ion Ratio Lower Upper

240 100

120 10.4 2.6 3.8#

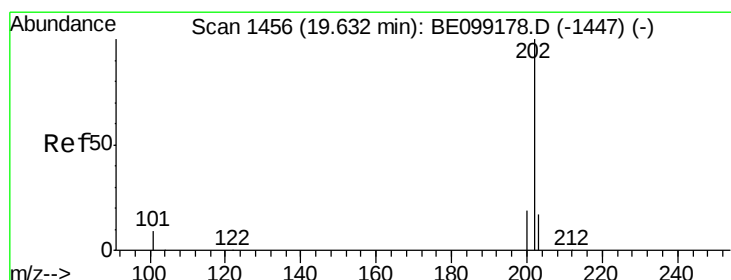
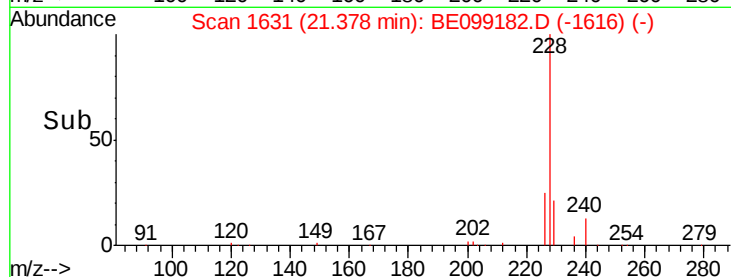
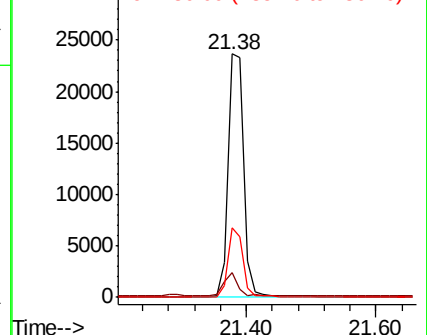
236 28.8 20.9 31.3



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: 4.525 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

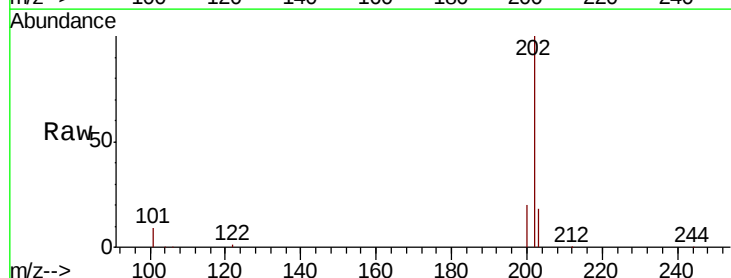
Tgt Ion:202 Resp: 612840

Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.8

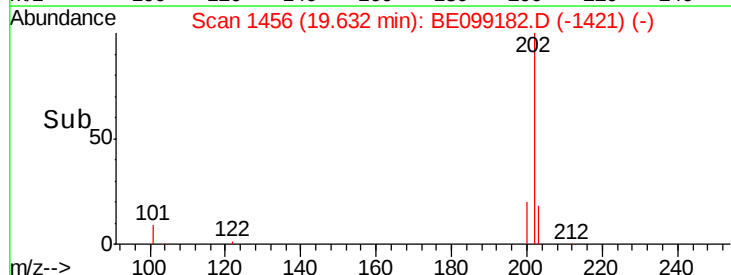
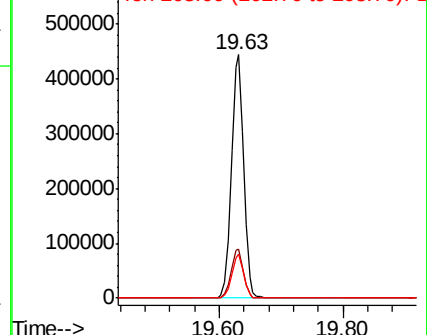
203 17.7 14.1 21.1



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

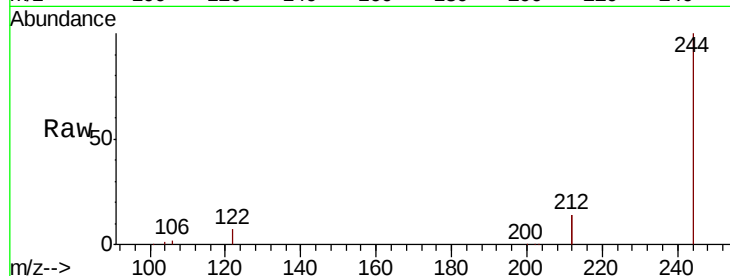




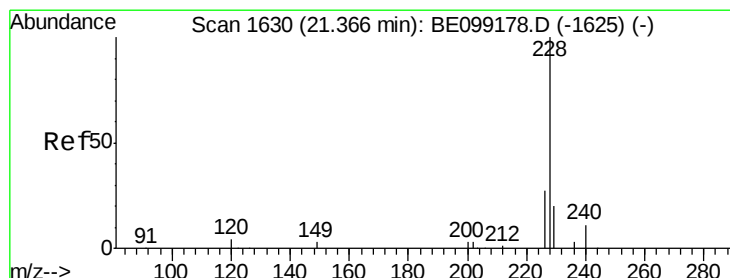
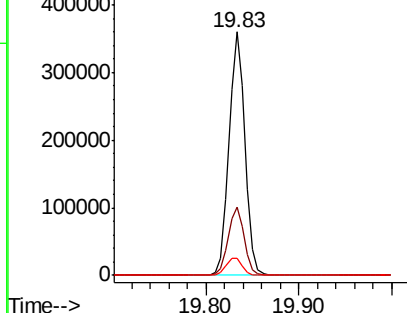
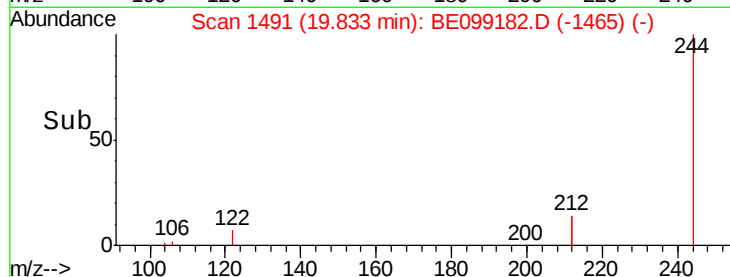
#29
 Terphenyl-d14
 Concen: 5.070 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BE099182.D
 Acq: 25 Mar 2019 14:22

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Tot Ion:244 Resp: 428383
 Ion Ratio Lower Upper
 244 100
 212 28.2 22.7 34.1
 122 6.8 5.8 8.6

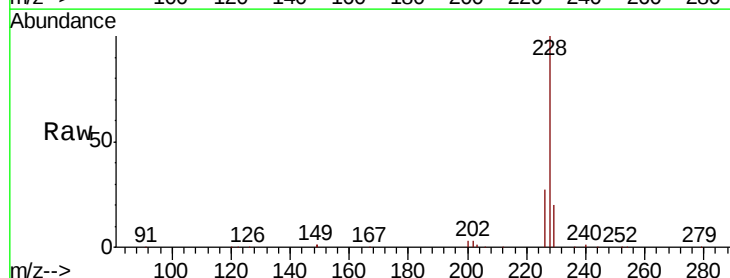


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

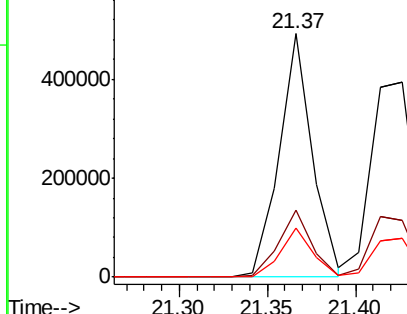
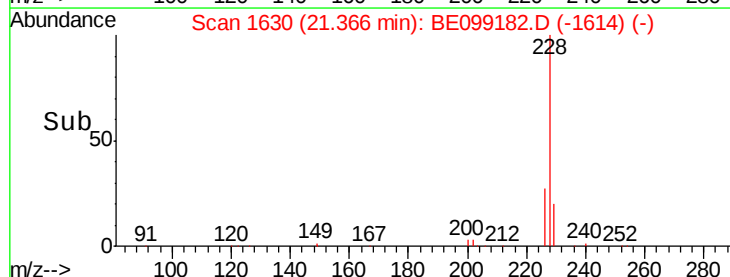


#30
 Benzo(a)anthracene
 Concen: 4.561 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099182.D
 Acq: 25 Mar 2019 14:22

Tgt Ion:228 Resp: 641638
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.7 32.5
 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: 4.614 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

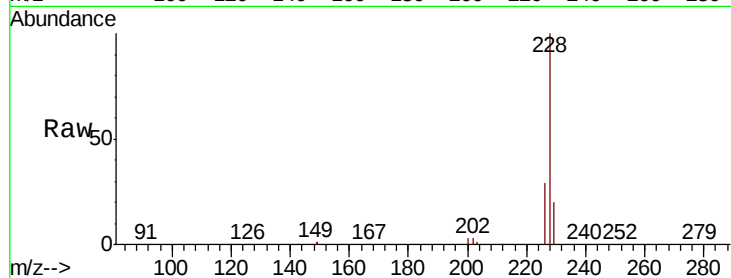
Tot Ion:228 Resp: 648607

Ion Ratio Lower Upper

228 100

226 29.1 24.8 37.2

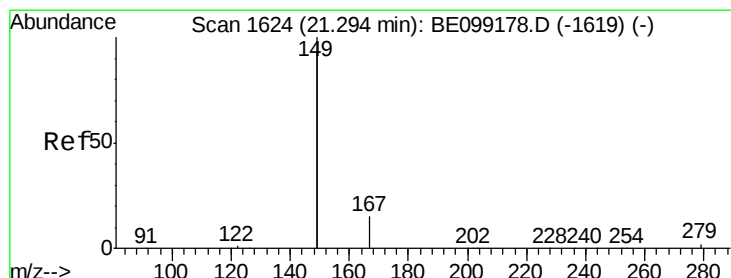
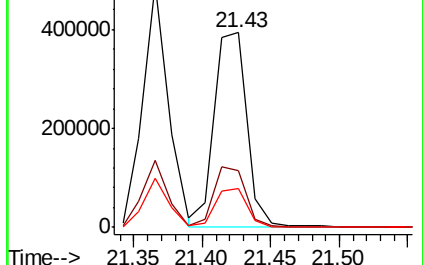
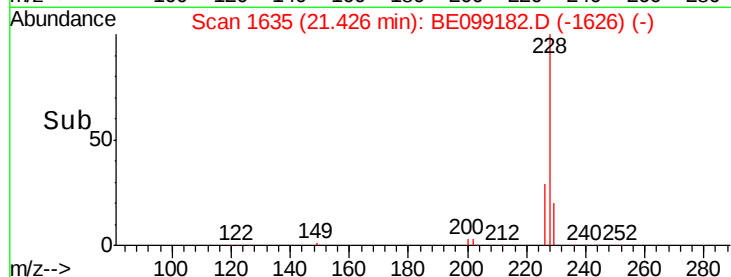
229 20.2 15.4 23.0



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: 4.896 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

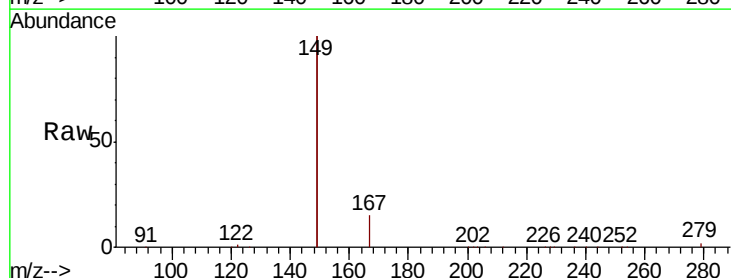
Tgt Ion:149 Resp: 893755

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

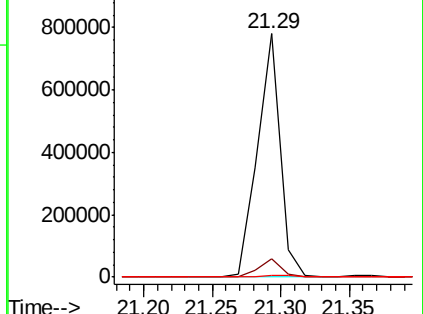
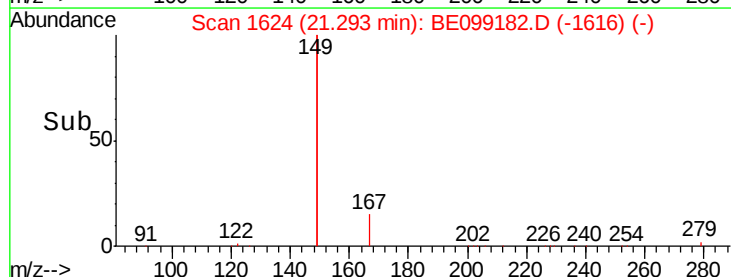
279 1.2 1.0 1.6



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

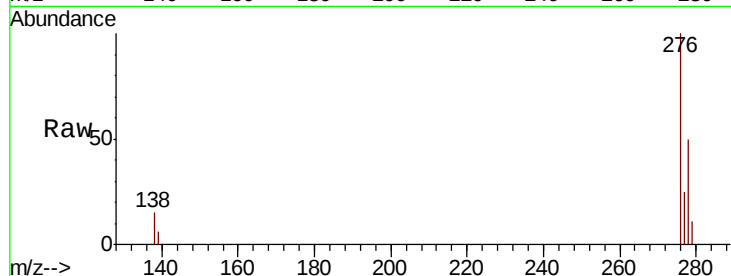




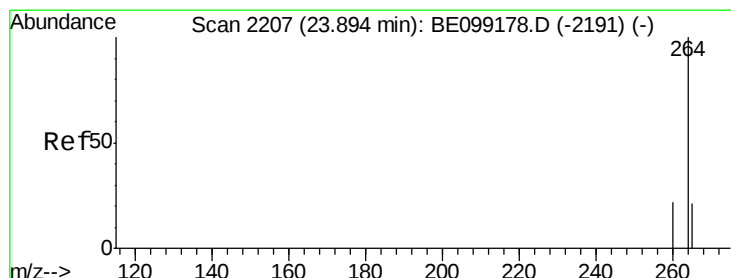
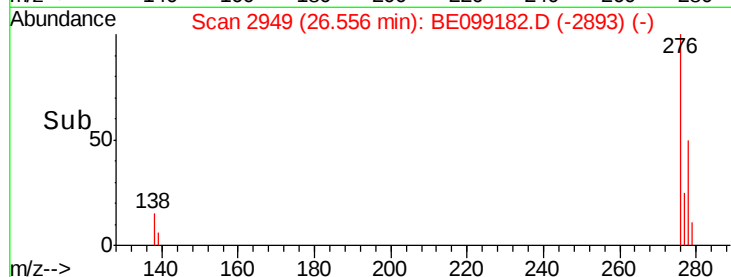
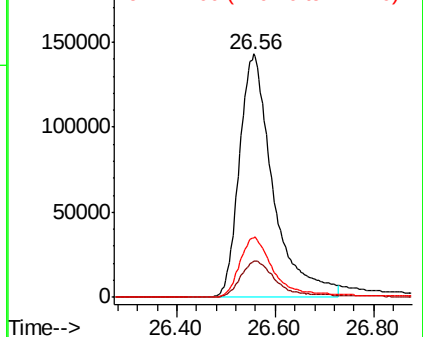
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.525 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:276 Resp: 683710
Ion Ratio Lower Upper
276 100
138 15.7 12.9 19.3
277 24.9 18.3 27.5

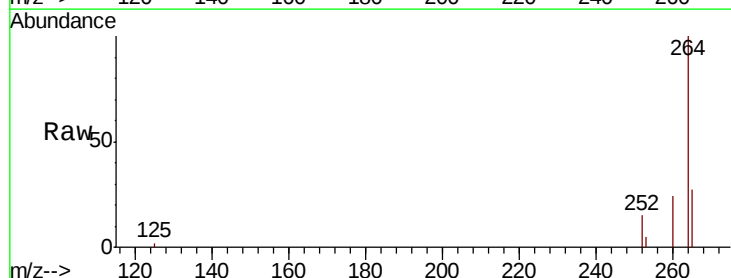


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

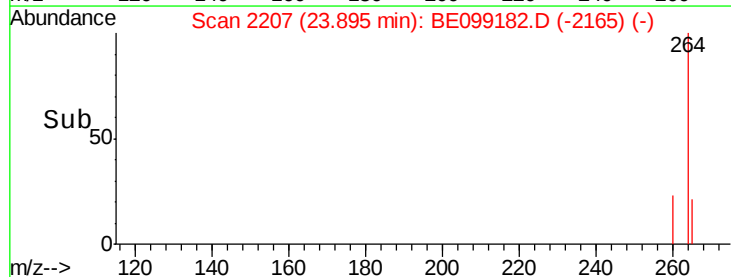
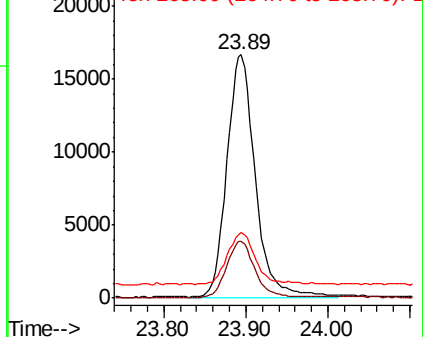


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099182.D
Acq: 25 Mar 2019 14:22

Tgt Ion:264 Resp: 39825
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.2
265 26.9 21.8 32.8



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: 4.616 ng

RT: 23.12 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

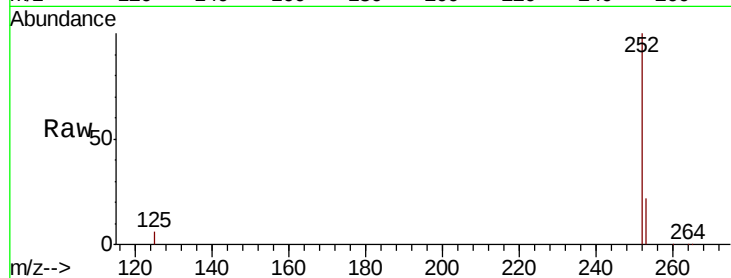
Tot Ion:252 Resp: 635949

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

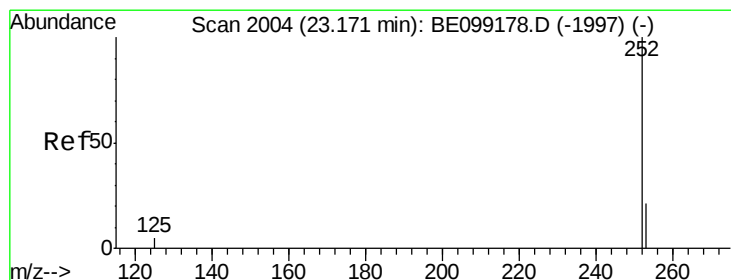
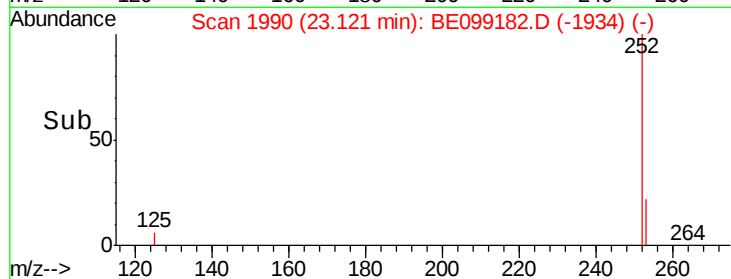
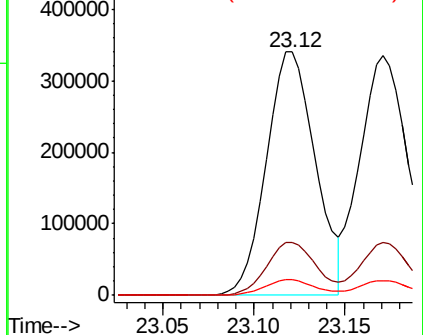
125 6.4 6.1 9.1



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: 4.804 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

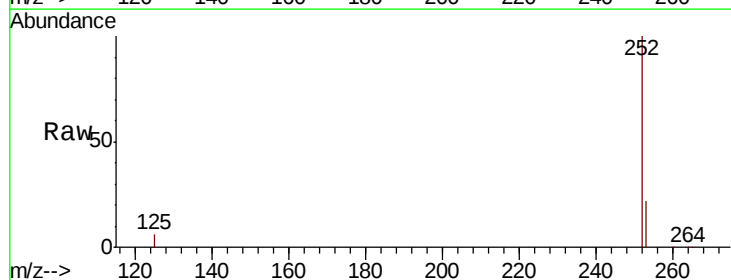
Tgt Ion:252 Resp: 648549

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

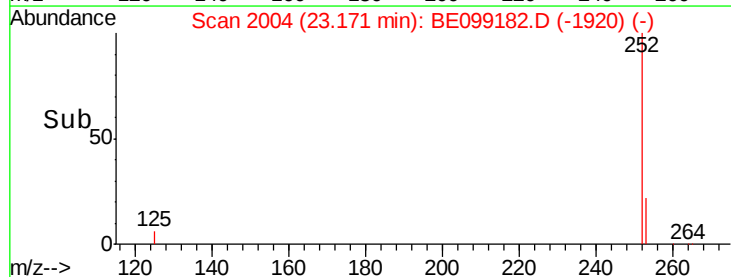
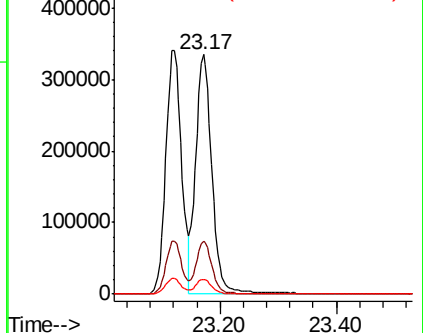
125 6.3 5.9 8.9

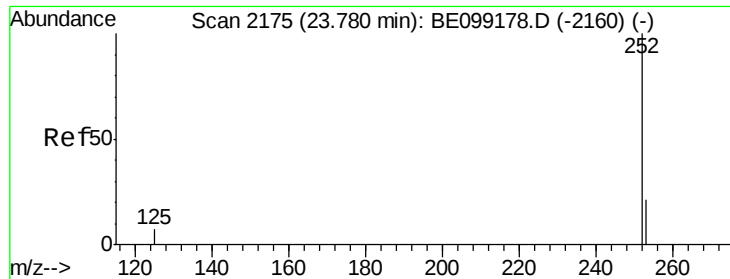


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 4.671 ng

RT: 23.78 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

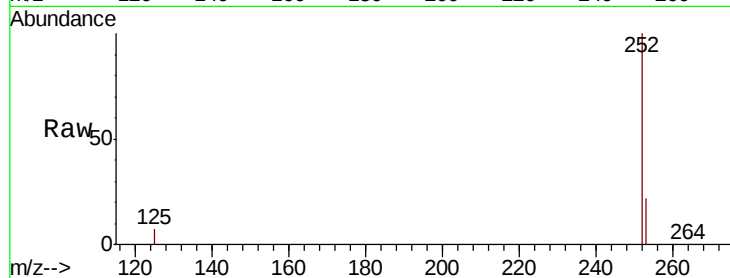
Tot Ion:252 Resp: 594874

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

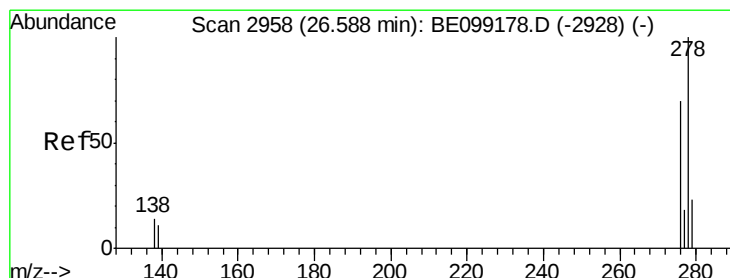
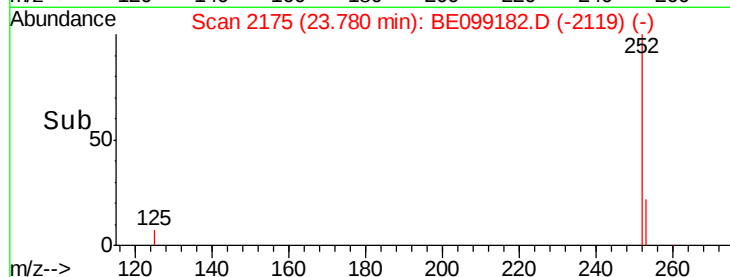
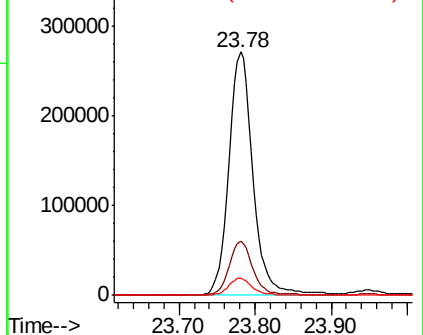
125 7.0 6.8 10.2



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: 4.610 ng

RT: 26.58 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

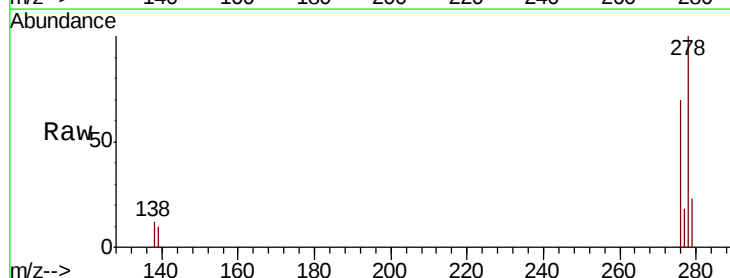
Tgt Ion:278 Resp: 570813

Ion Ratio Lower Upper

278 100

139 10.2 9.5 14.3

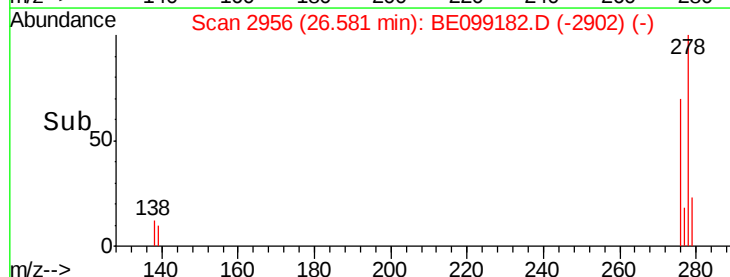
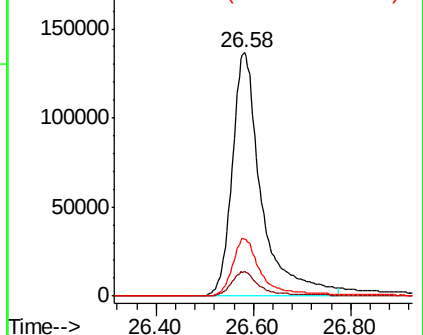
279 23.5 19.1 28.7

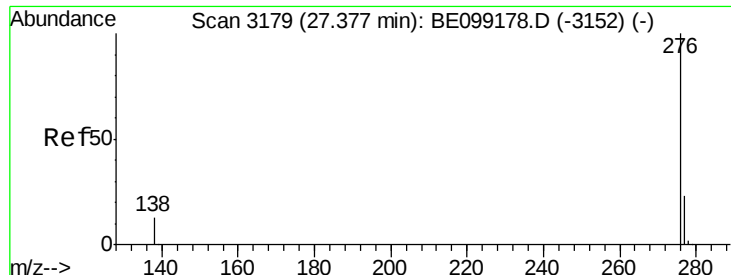


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.350 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BE099182.D

Acq: 25 Mar 2019 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

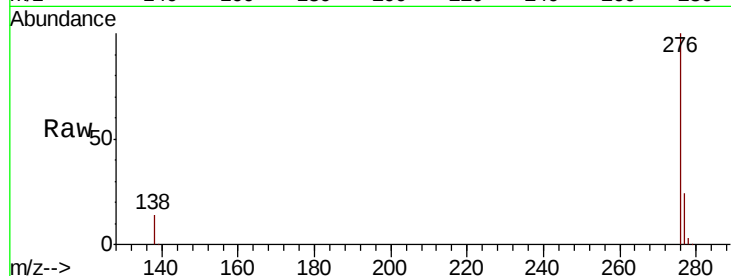
Tot Ion:276 Resp: 553320

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 13.6 11.1 16.7



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

