

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099248.D
 Acq On : 29 Mar 2019 10:50
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 29 22:54:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3306	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	14350	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10719	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	30287	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	33015	0.40	ng	-0.01
34) Perylene-d12	23.89	264	23883	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	3791	0.38	ng	-0.01
5) Phenol-d6	6.99	99	5670	0.38	ng	0.00
8) Nitrobenzene-d5	8.99	82	4494	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	12897	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	966	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	19965	0.46	ng	0.00
25) Fluoranthene-d10	19.24	212	169115	0.46	ng	0.00
29) Terphenyl-d14	19.83	244	32660	0.45	ng	0.00

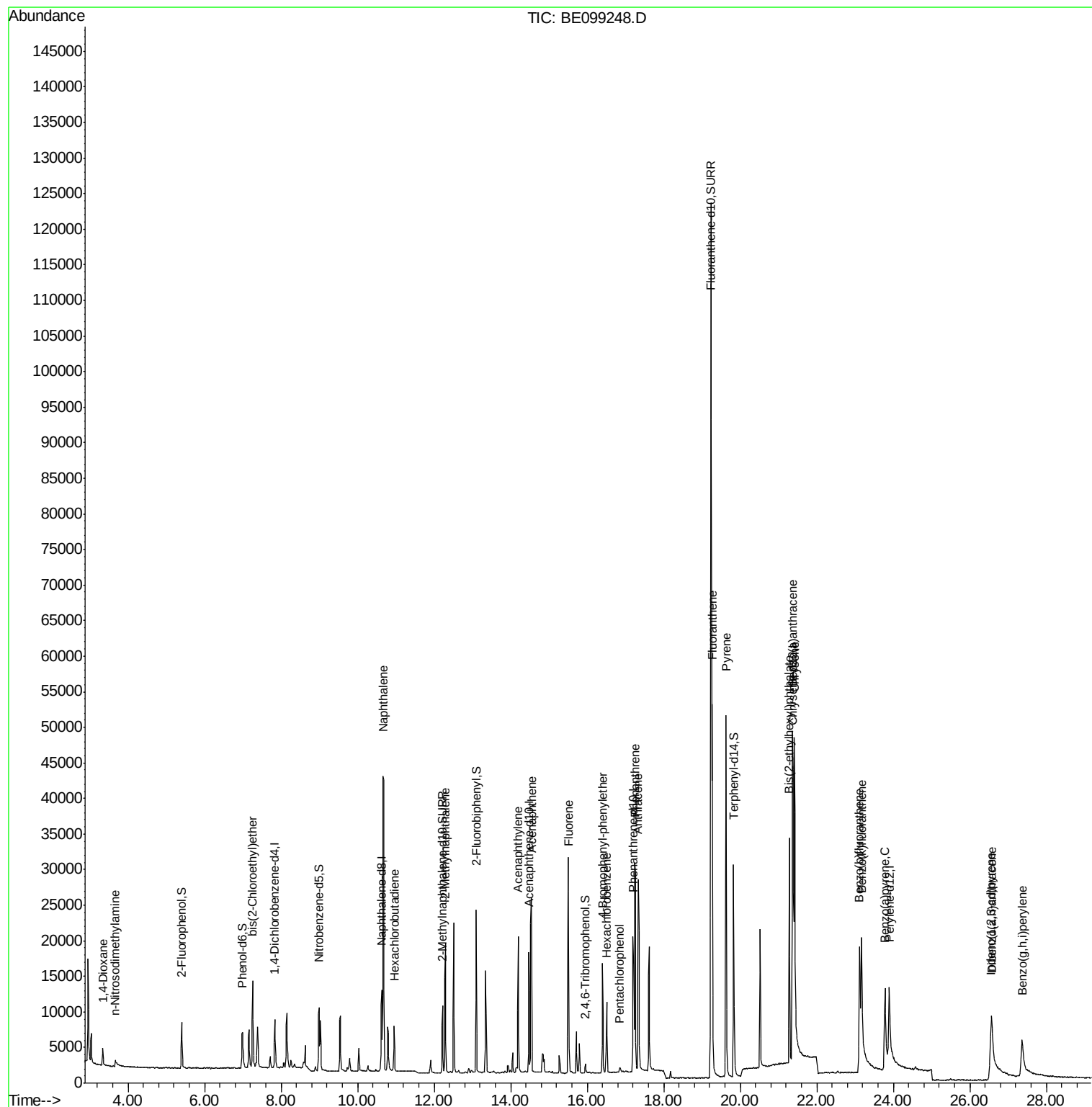
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	1933	0.443	ng	98
3) n-Nitrosodimethylamine	3.67	42	722	0.296	ng	# 94
6) bis(2-Chloroethyl)ether	7.25	93	5137	0.433	ng	91
9) Naphthalene	10.67	128	76509	0.452	ng	99
10) Hexachlorobutadiene	10.95	225	4193	0.465	ng	97
12) 2-Methylnaphthalene	12.29	142	13473	0.445	ng	97
16) Acenaphthylene	14.20	152	22201	0.406	ng	99
17) Acenaphthene	14.54	154	14130	0.432	ng	99
18) Fluorene	15.51	166	20076	0.437	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	7727	0.395	ng	# 78
21) Hexachlorobenzene	16.51	284	7858	0.416	ng	98
22) Pentachlorophenol	16.85	266	554	0.438	ng	# 81
23) Phenanthrene	17.24	178	37407	0.421	ng	99
24) Anthracene	17.34	178	31596	0.393	ng	100
26) Fluoranthene	19.27	202	48877	0.431	ng	99
28) Pyrene	19.63	202	49602	0.452	ng	100
30) Benzo(a)anthracene	21.37	228	39825	0.366	ng	100
31) Chrysene	21.41	228	49954	0.429	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	37342	0.287	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	18968	0.172	ng	# 87
35) Benzo(b)fluoranthene	23.12	252	28363	0.361	ng	99
36) Benzo(k)fluoranthene	23.17	252	45026	0.542	ng	99
37) Benzo(a)pyrene	23.78	252	27587	0.376	ng	97
38) Dibenzo(a,h)anthracene	26.58	278	15163	0.233	ng	96
39) Benzo(g,h,i)perylene	27.37	276	18569	0.284	ng	97

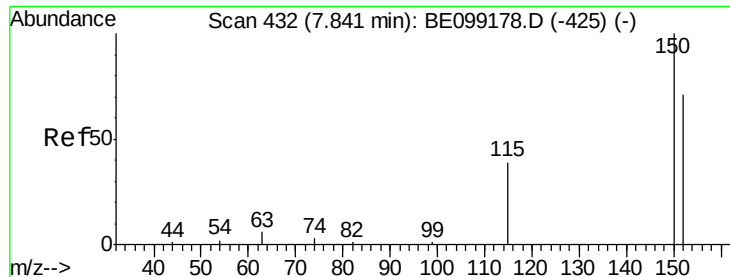
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

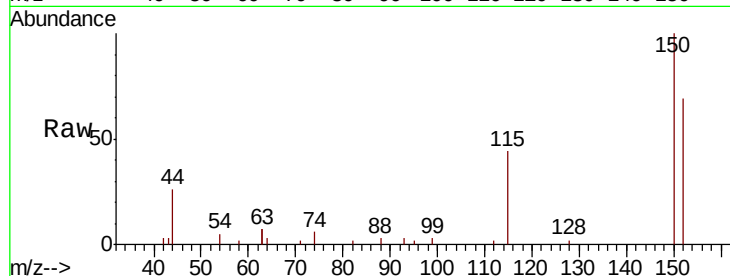
Tgt Ion: 152 Resp: 3306

Ion Ratio Lower Upper

152 100

150 144.6 112.8 169.2

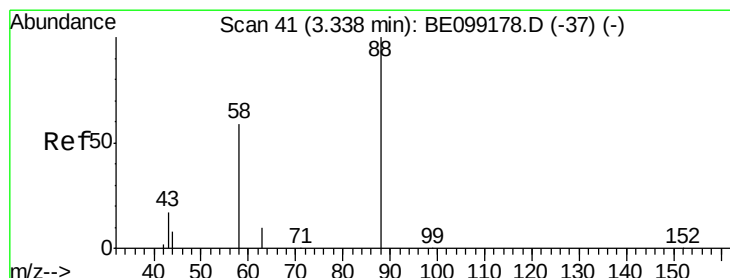
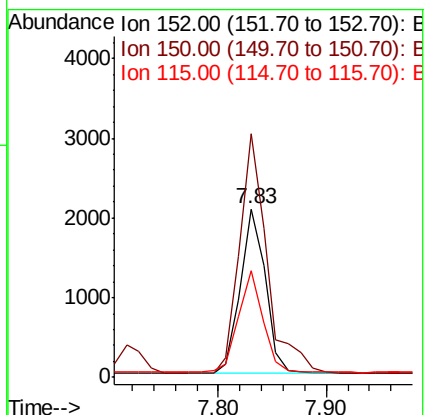
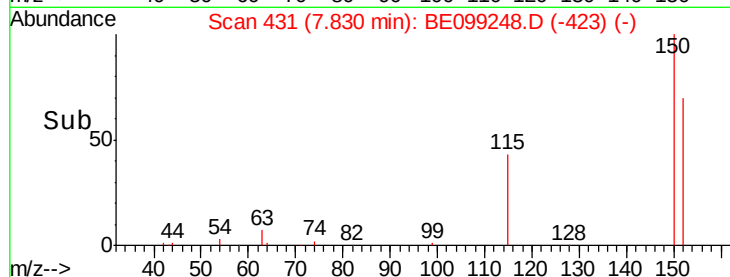
115 63.0 45.1 67.7



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: 0.443 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

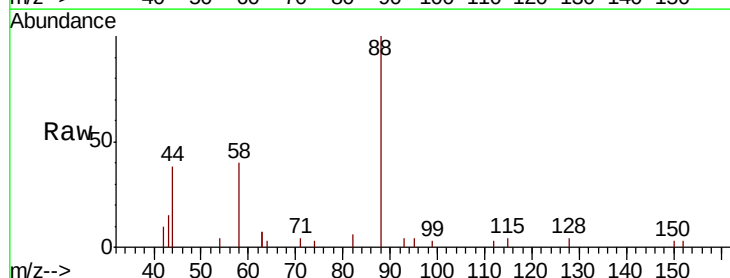
Tgt Ion: 88 Resp: 1933

Ion Ratio Lower Upper

88 100

58 60.7 47.4 71.0

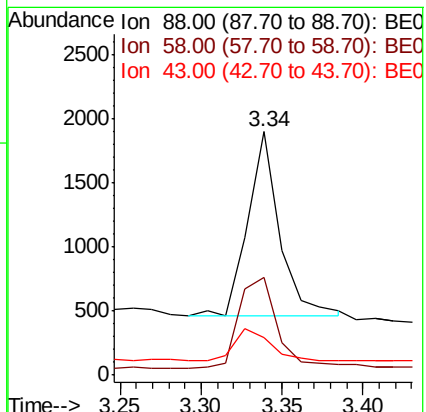
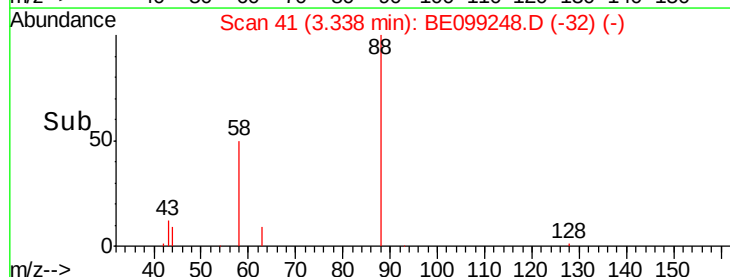
43 20.0 15.6 23.4

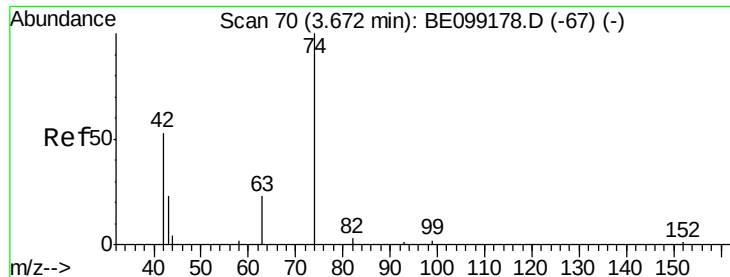


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.296 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

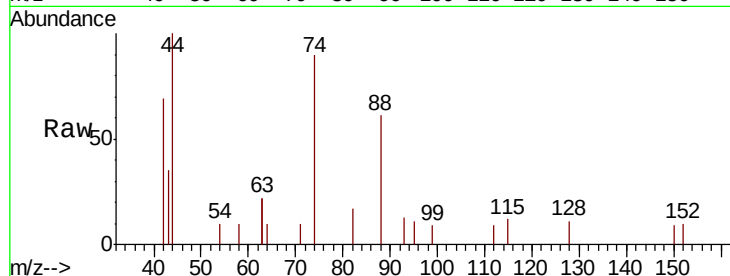
Tgt Ion: 42 Resp: 722

Ion Ratio Lower Upper

42 100

74 179.6 138.6 207.8

44 11.5 15.0 22.6#

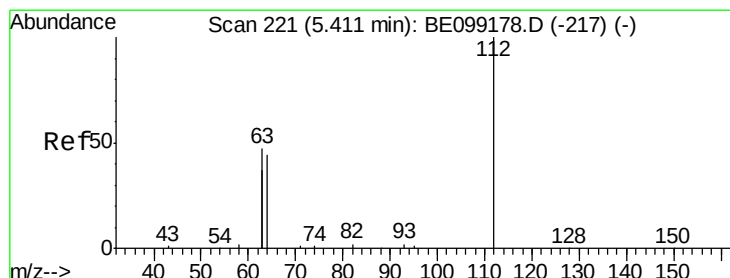
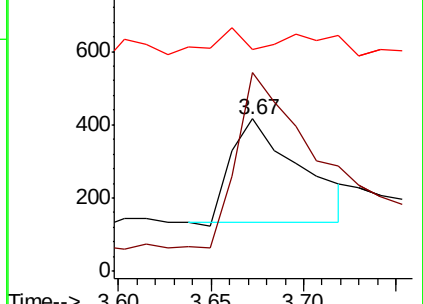
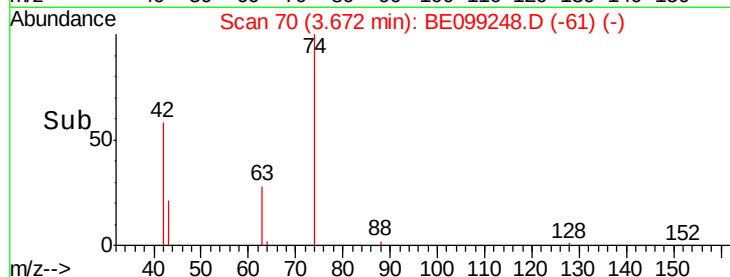


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.384 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

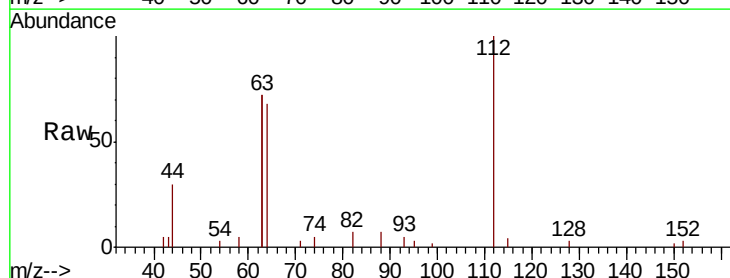
Tgt Ion: 112 Resp: 3791

Ion Ratio Lower Upper

112 100

64 58.3 46.2 69.2

63 121.2 89.9 134.9

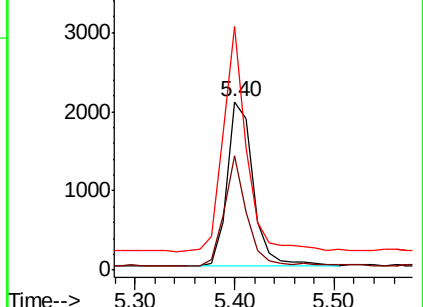
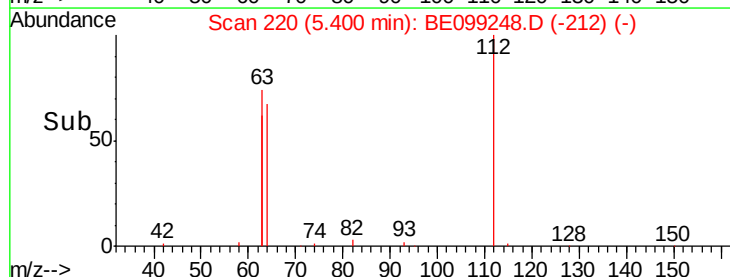


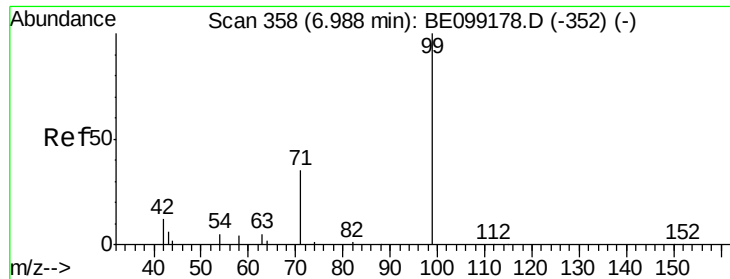
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.376 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

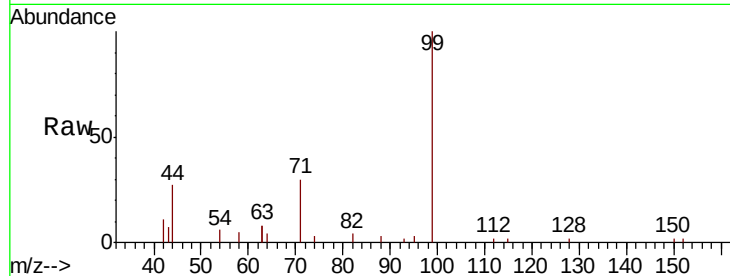
Tgt Ion: 99 Resp: 5670

Ion Ratio Lower Upper

99 100

42 14.0 12.4 18.6

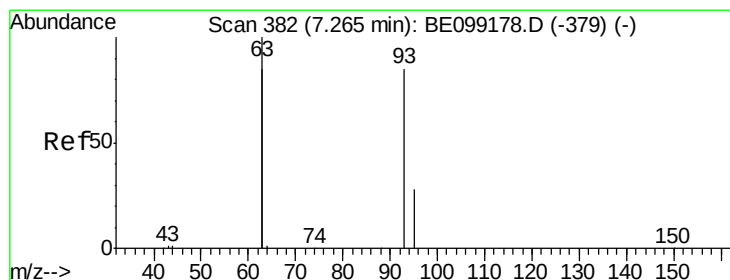
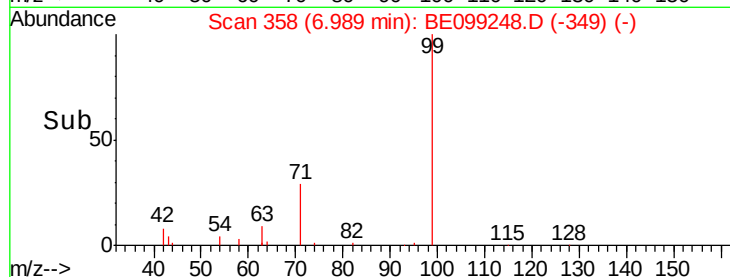
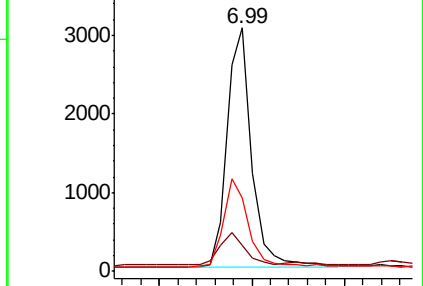
71 37.6 28.4 42.6



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: 0.433 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

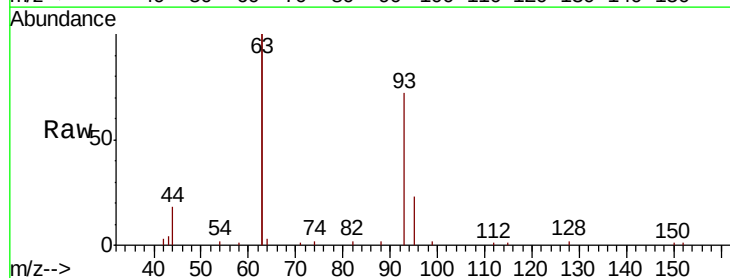
Tgt Ion: 93 Resp: 5137

Ion Ratio Lower Upper

93 100

63 258.5 221.4 332.0

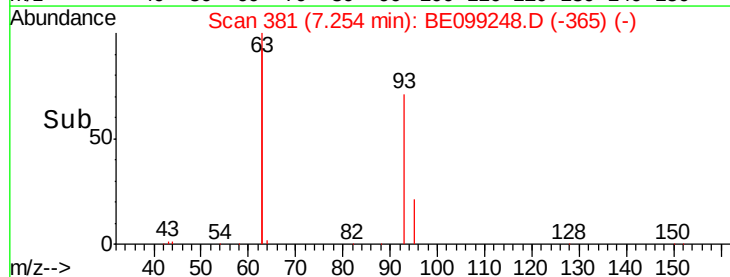
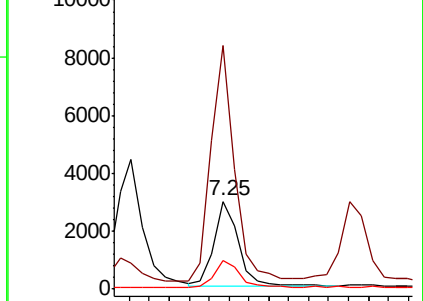
95 31.2 25.8 38.8

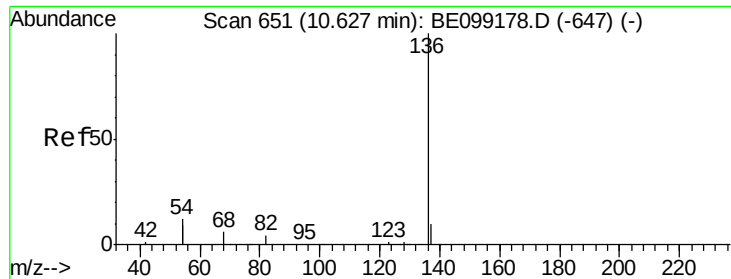


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 14350

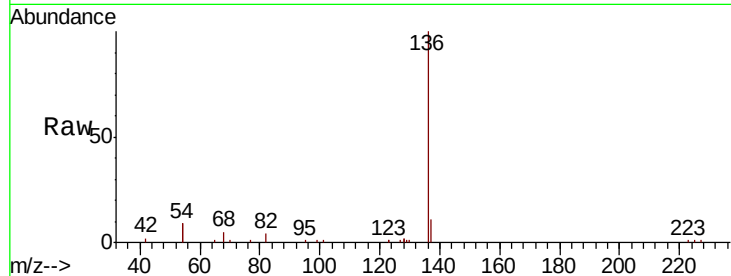
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 17.3 18.7 28.1#

68 4.9 5.2 7.8#

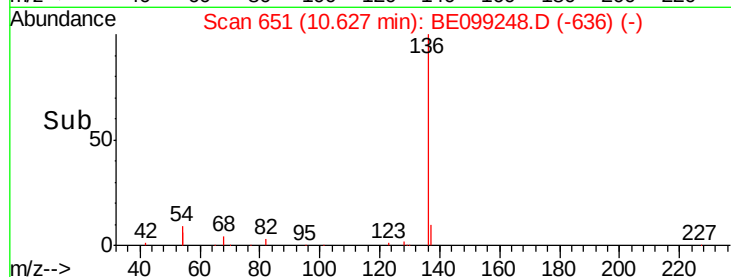


Abundance Ion 136.00 (135.70 to 136.70): E

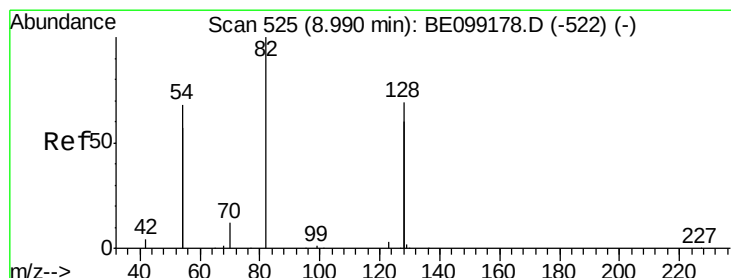
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.60 10.80



#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

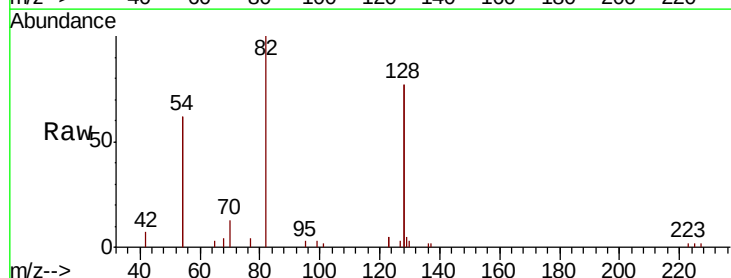
Tgt Ion: 82 Resp: 4494

Ion Ratio Lower Upper

82 100

128 153.2 107.5 161.3

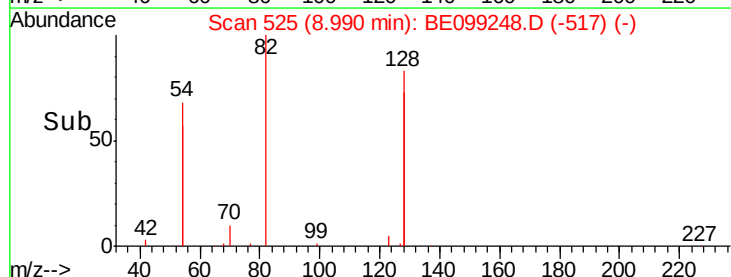
54 124.0 106.3 159.5



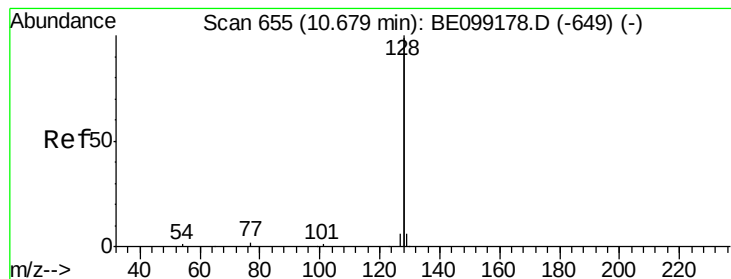
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.90 8.95 9.00 9.05



#9

Naphthalene

Concen: 0.452 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

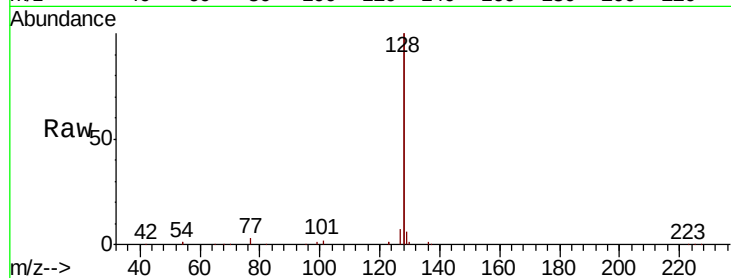
Tgt Ion:128 Resp: 76509

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

127 3.4 2.6 3.8

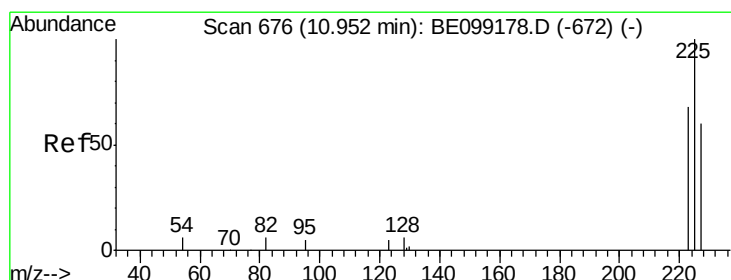
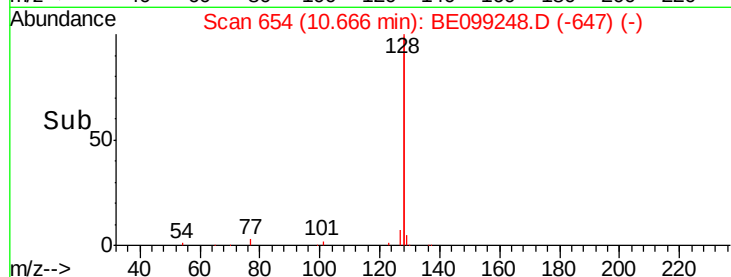
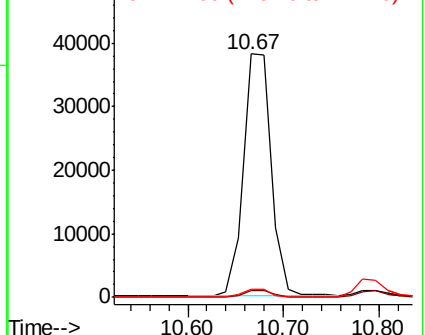


Abundance

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: 0.465 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

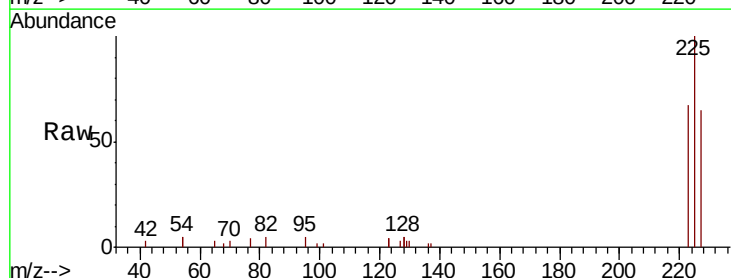
Tgt Ion:225 Resp: 4193

Ion Ratio Lower Upper

225 100

223 65.5 51.3 76.9

227 64.6 48.6 73.0

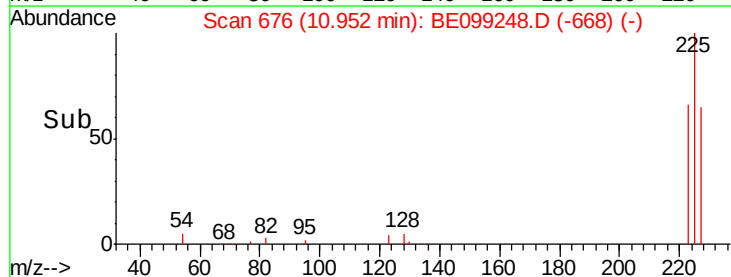
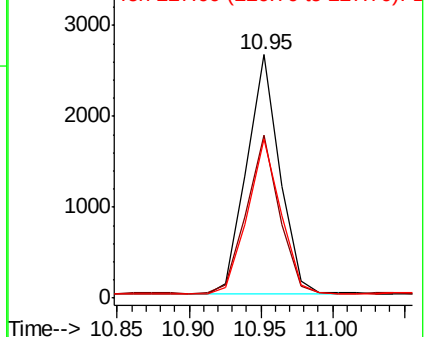


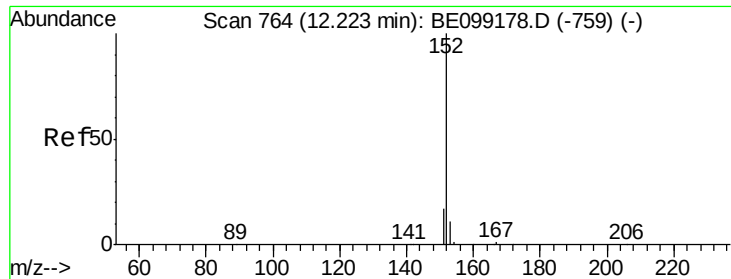
Abundance

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

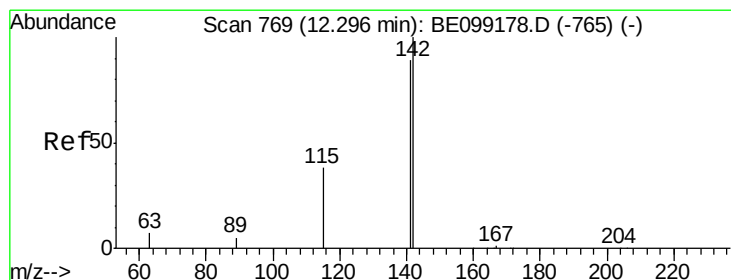
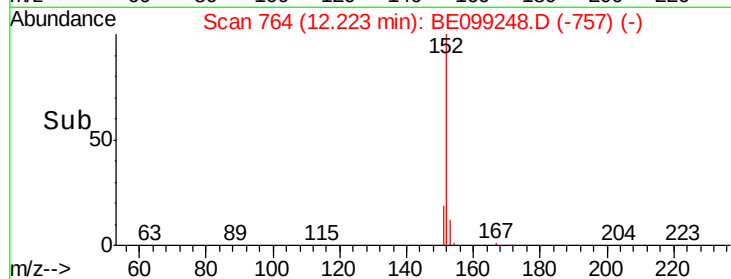
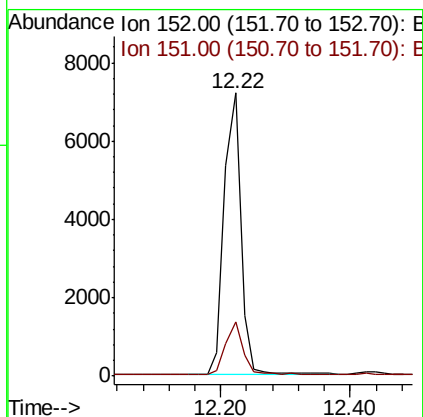
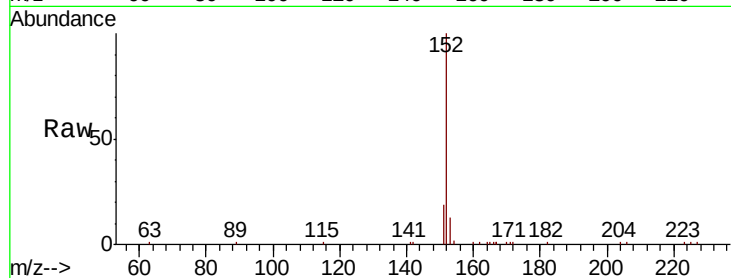




#11
 2-Methylnaphthalene-d10
 Concen: 0.466 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099248.D
 Acq: 29 Mar 2019 10:50

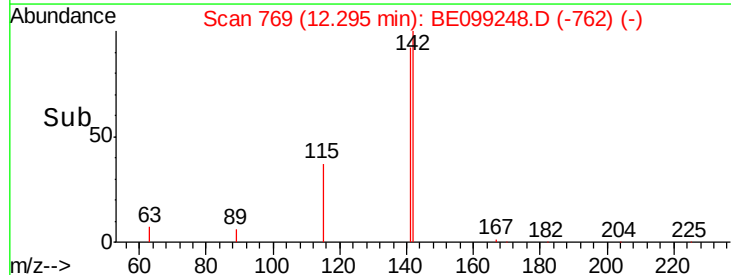
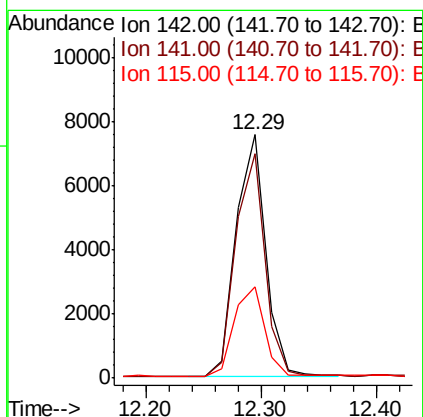
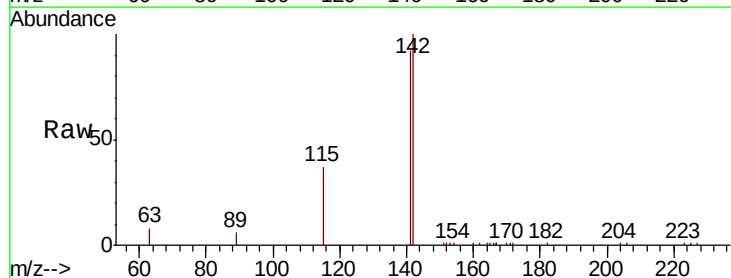
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

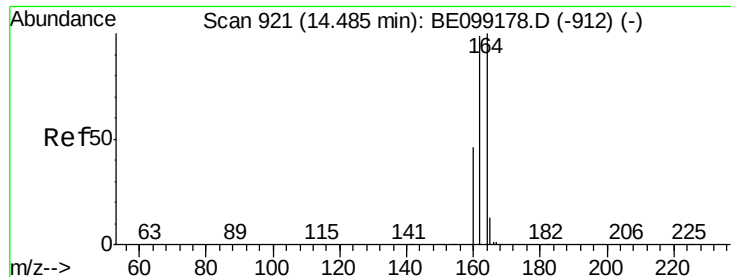
Tgt Ion:152 Resp: 12897
 Ion Ratio Lower Upper
 152 100
 151 18.6 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.445 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099248.D
 Acq: 29 Mar 2019 10:50

Tgt Ion:142 Resp: 13473
 Ion Ratio Lower Upper
 142 100
 141 92.3 71.3 106.9
 115 37.5 30.4 45.6

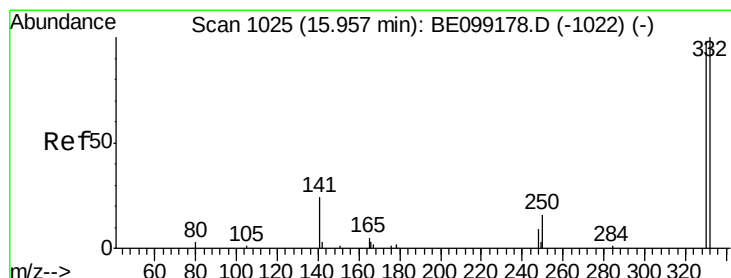
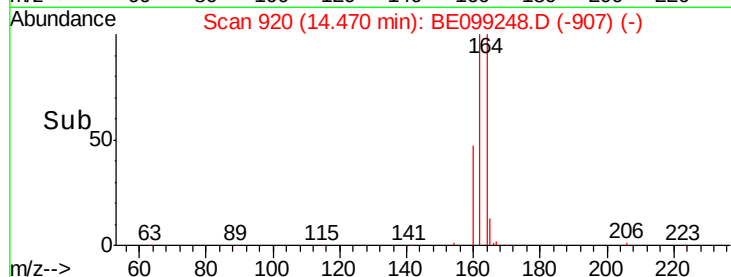
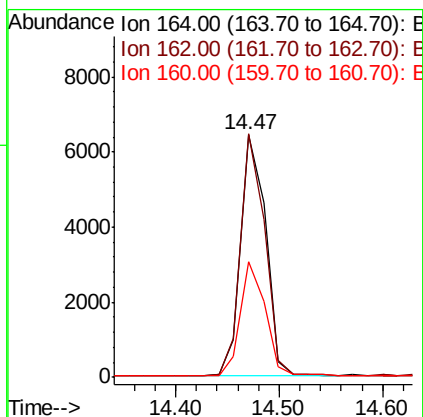
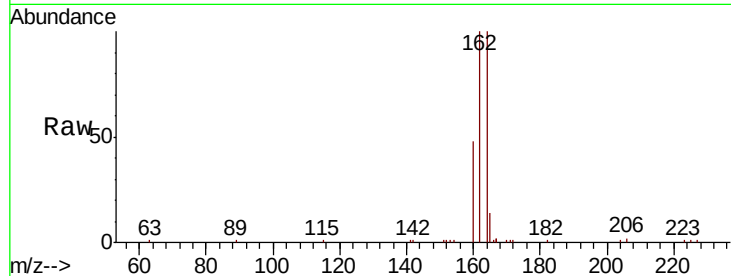




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

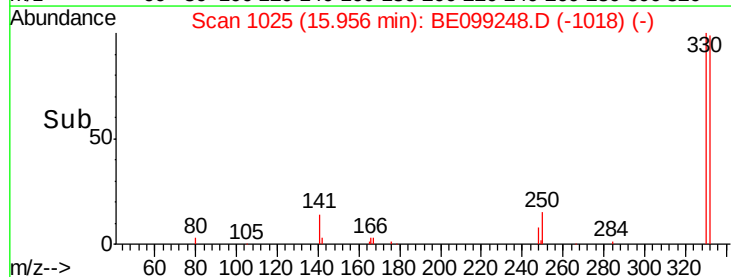
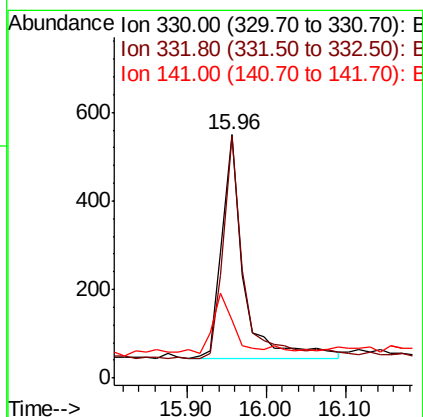
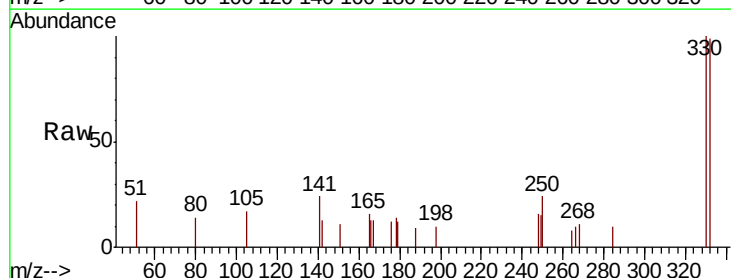
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

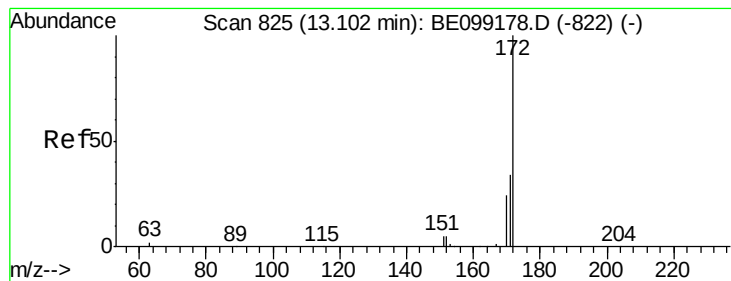
Tgt Ion:164 Resp: 10719
Ion Ratio Lower Upper
164 100
162 100.3 79.2 118.8
160 47.6 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:330 Resp: 966
Ion Ratio Lower Upper
330 100
332 90.3 71.3 106.9
141 24.3 21.7 32.5

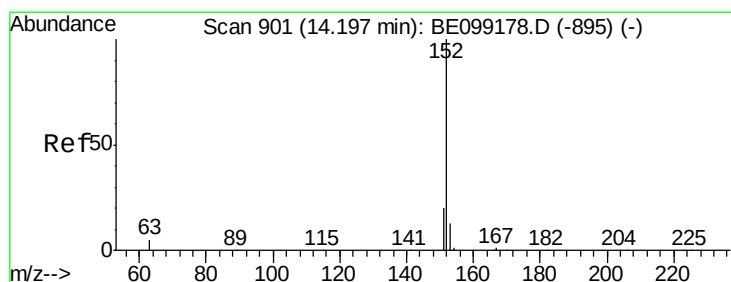
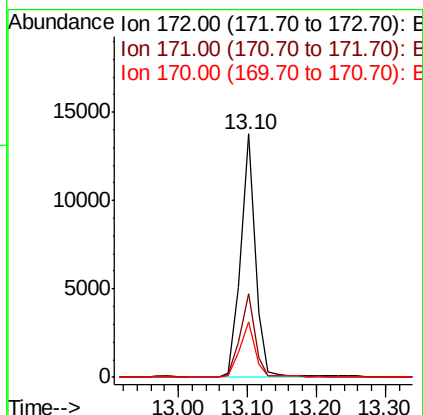
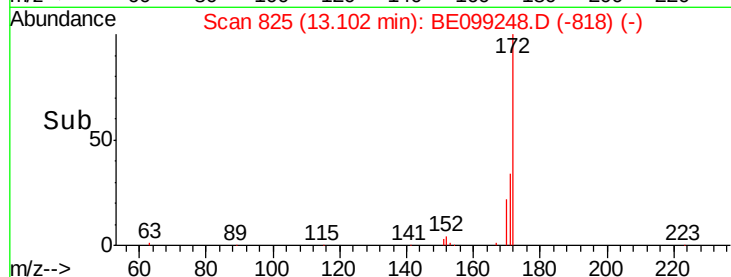
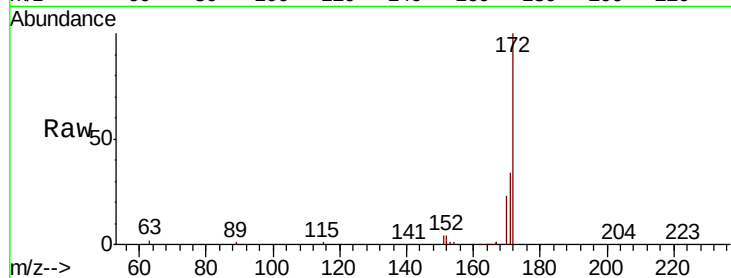




#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

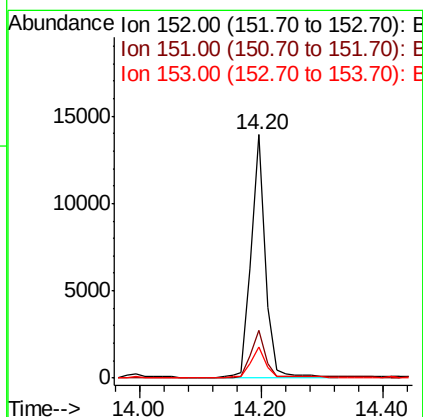
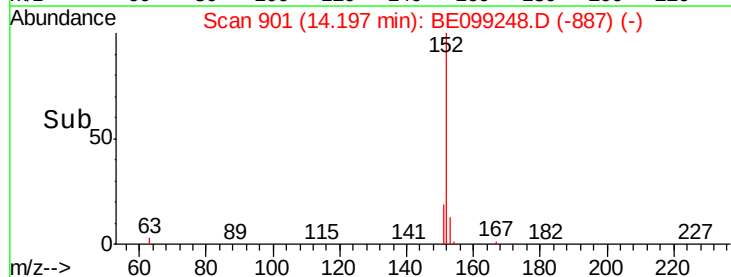
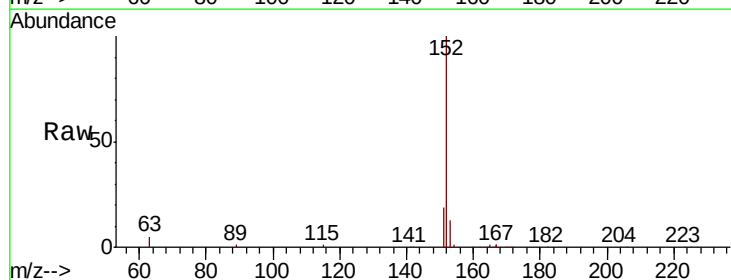
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

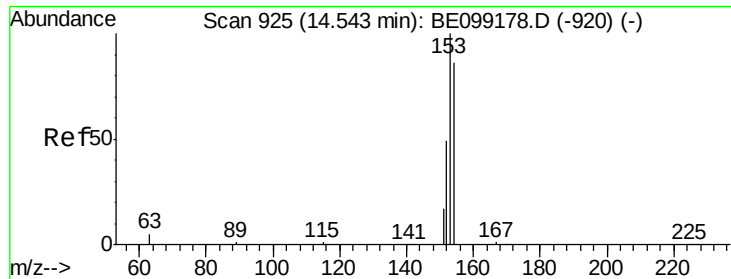
Tgt Ion:172 Resp: 19965
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 22.6 19.1 28.7



#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:152 Resp: 22201
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 13.0 10.6 15.8

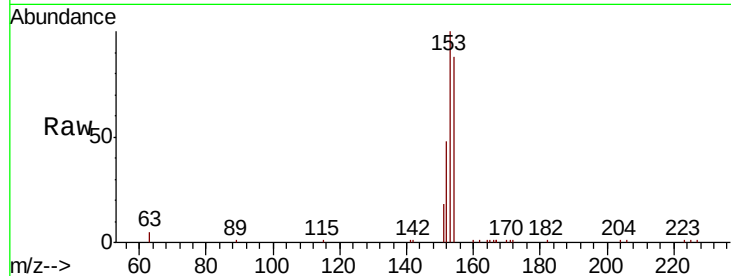




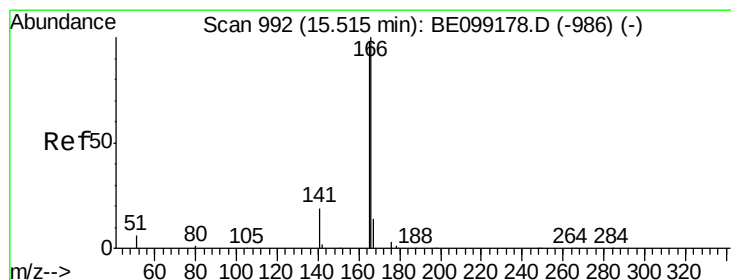
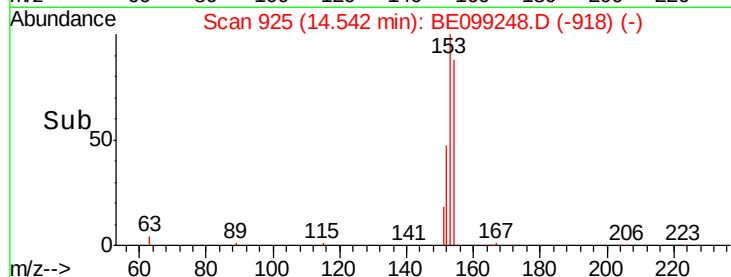
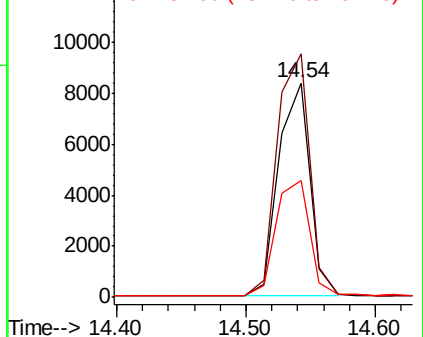
#17
Acenaphthene
Concen: 0.432 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 14130
Ion Ratio Lower Upper
154 100
153 117.7 93.4 140.0
152 57.8 46.6 69.8

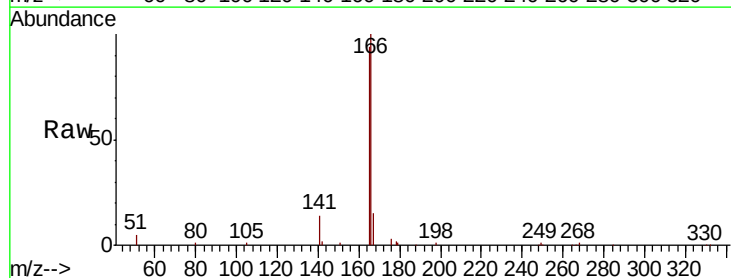


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

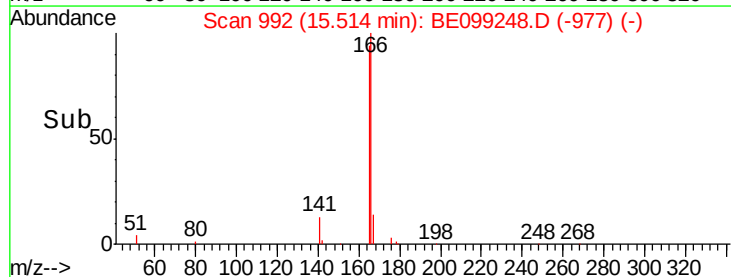
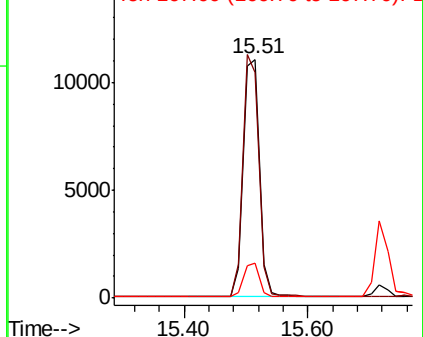


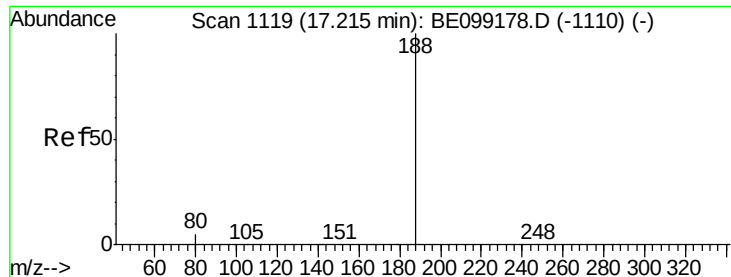
#18
Fluorene
Concen: 0.437 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:166 Resp: 20076
Ion Ratio Lower Upper
166 100
165 100.0 78.9 118.3
167 13.8 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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

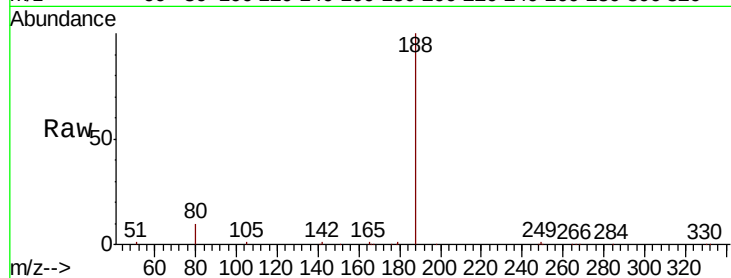
Tgt Ion:188 Resp: 30287

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

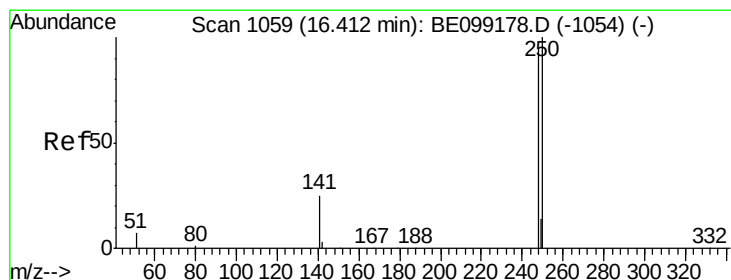
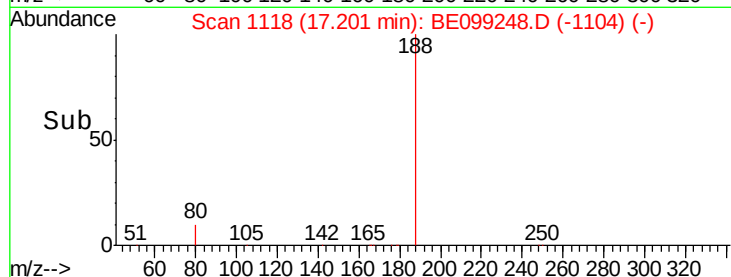
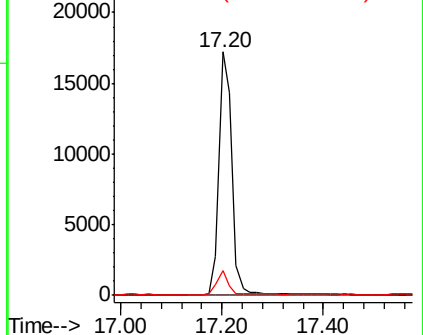
80 10.1 4.5 6.7#



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



#20

4-Bromophenyl-phenylether

Concen: 0.395 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

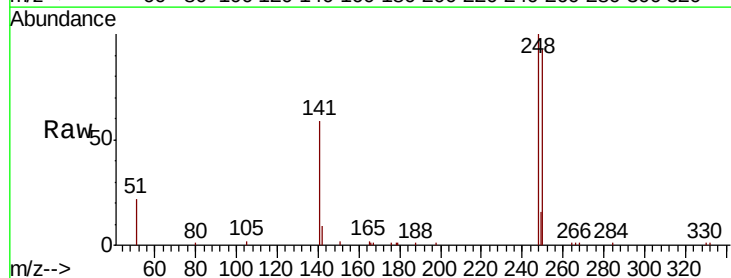
Tgt Ion:248 Resp: 7727

Ion Ratio Lower Upper

248 100

250 92.8 84.2 126.2

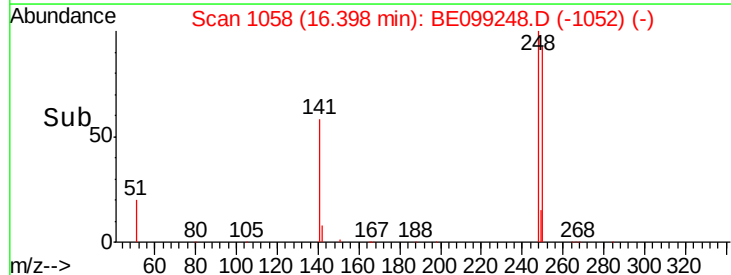
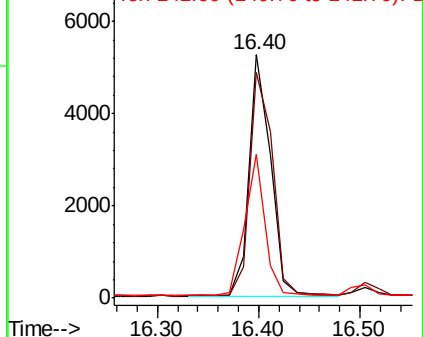
141 58.9 21.8 32.6#

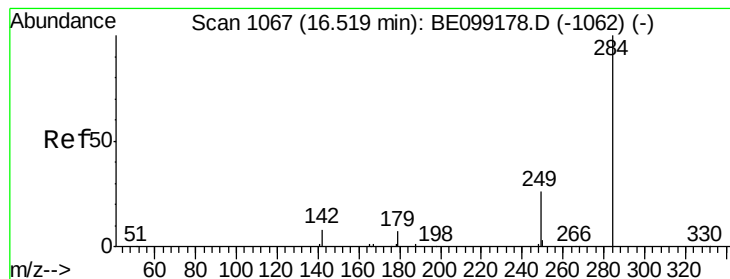


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.416 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

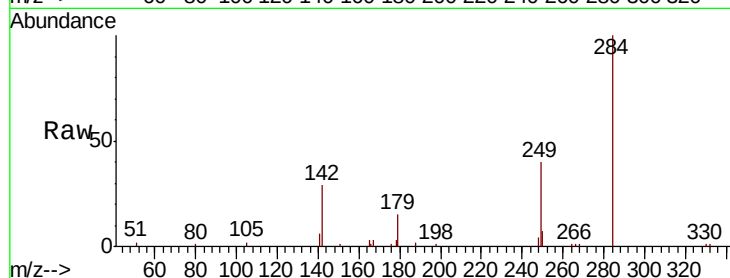
Tgt Ion:284 Resp: 7858

Ion Ratio Lower Upper

284 100

142 27.5 22.7 34.1

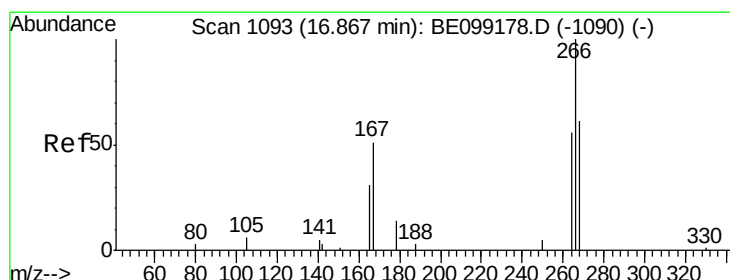
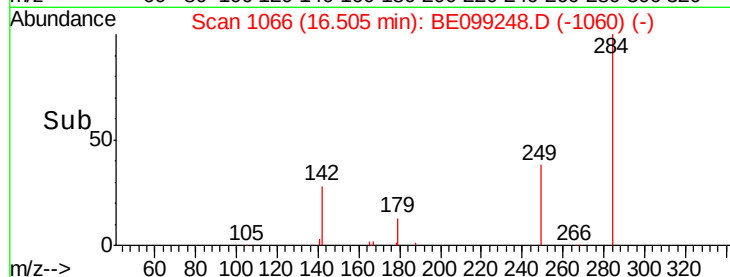
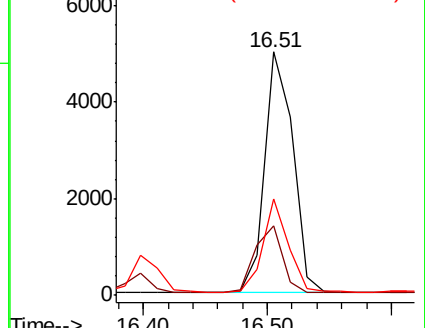
249 34.5 26.9 40.3



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: 0.438 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

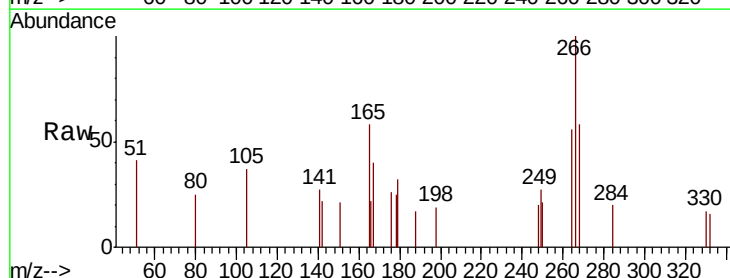
Tgt Ion:266 Resp: 554

Ion Ratio Lower Upper

266 100

264 55.7 54.4 81.6

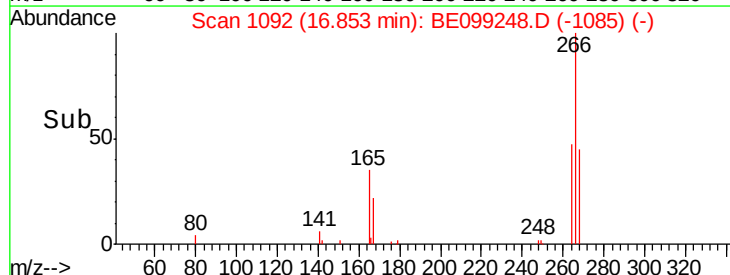
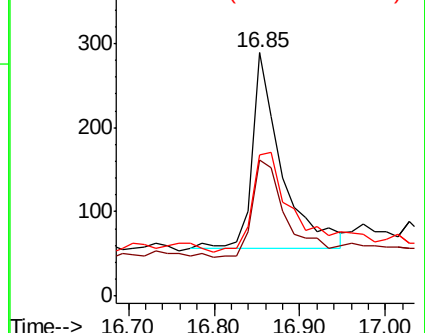
268 58.1 61.3 91.9#

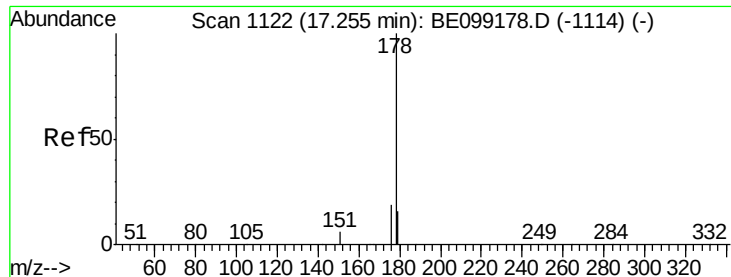


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

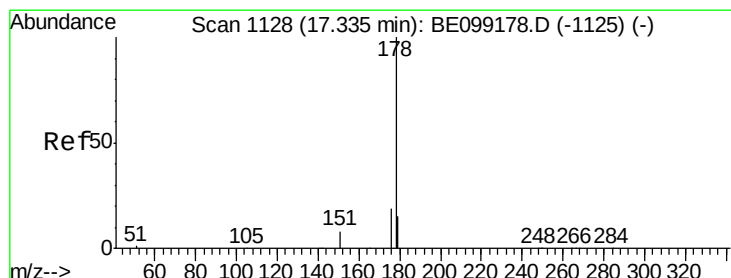
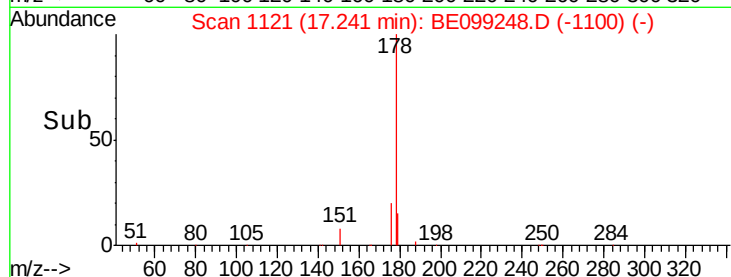
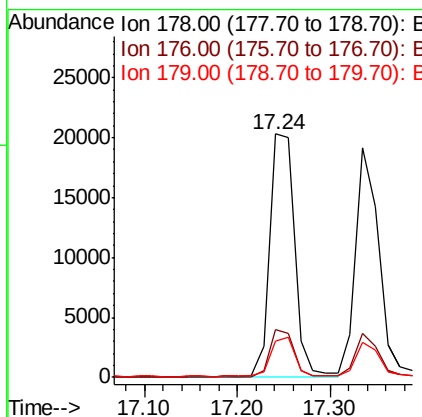
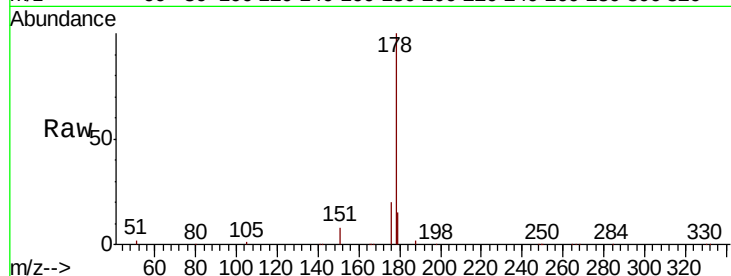




#23
Phenanthrene
Concen: 0.421 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

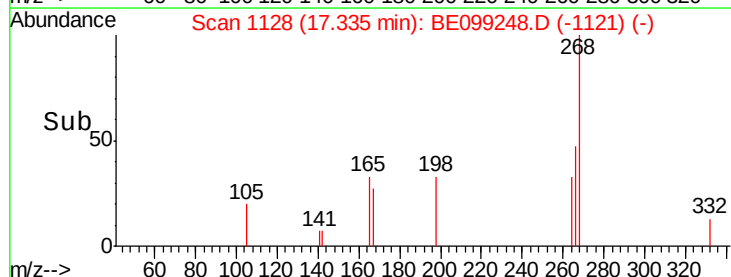
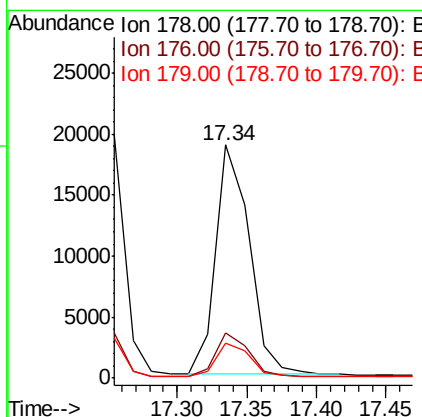
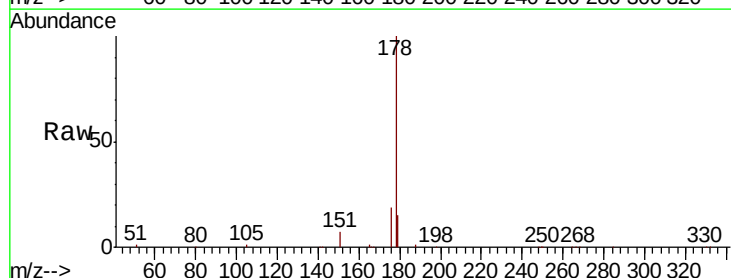
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

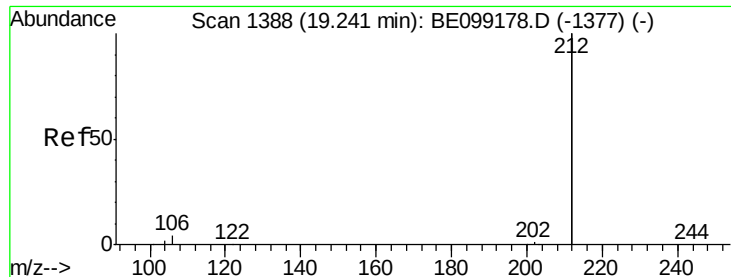
Tgt Ion:178 Resp: 37407
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.3 18.5



#24
Anthracene
Concen: 0.393 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:178 Resp: 31596
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.3 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.461 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

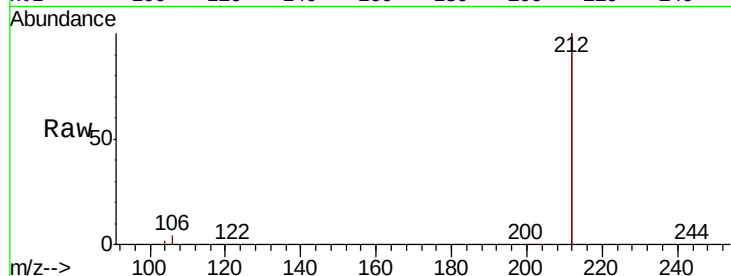
Tgt Ion:212 Resp: 169115

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

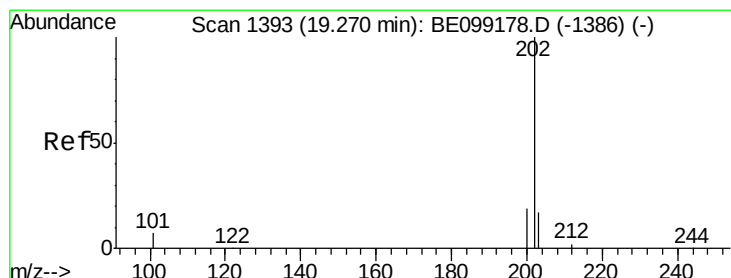
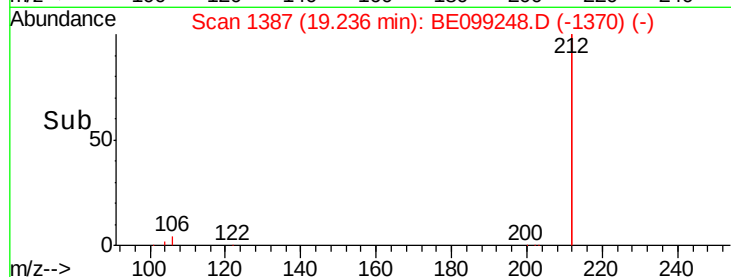
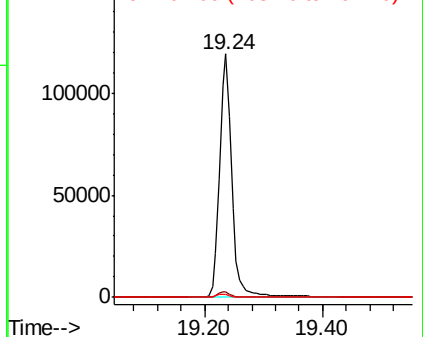
104 1.2 1.1 1.7



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: 0.431 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

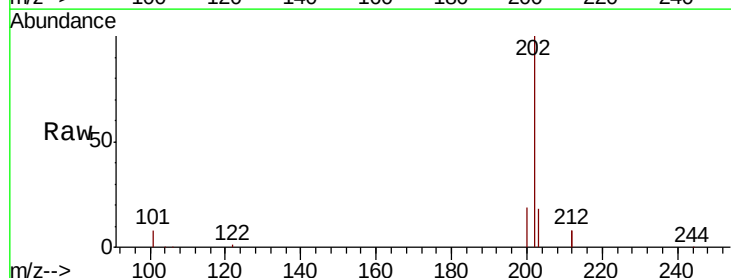
Tgt Ion:202 Resp: 48877

Ion Ratio Lower Upper

202 100

101 8.1 7.0 10.4

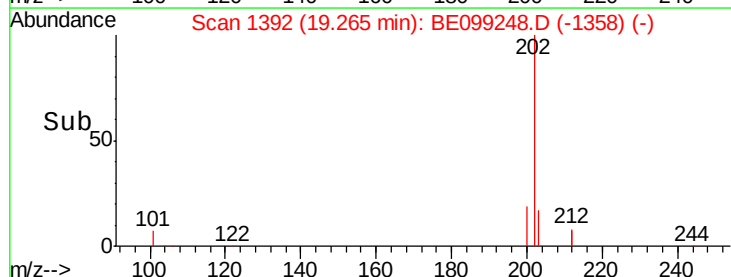
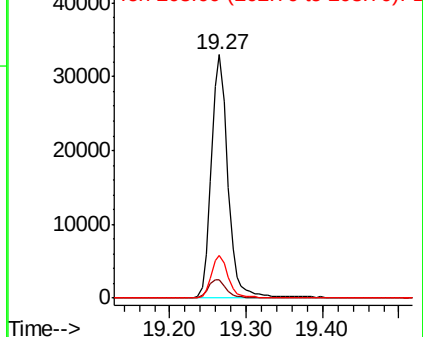
203 17.3 13.8 20.6

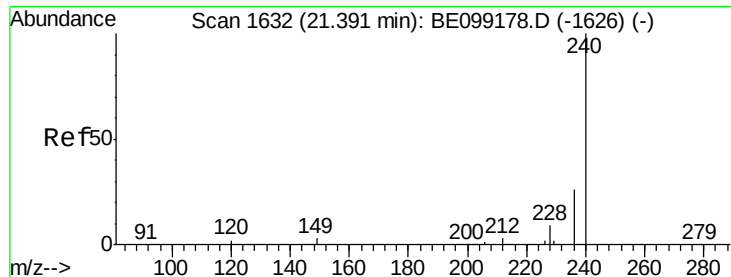


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

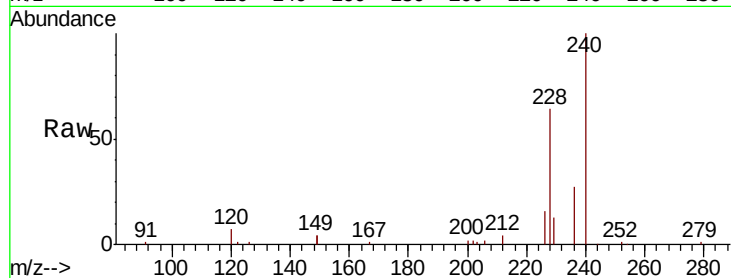
Tgt Ion:240 Resp: 33015

Ion Ratio Lower Upper

240 100

120 7.3 2.6 3.8#

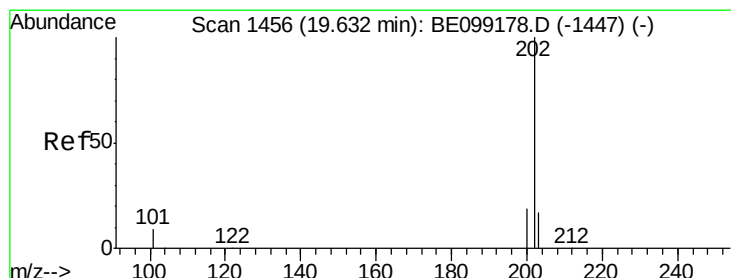
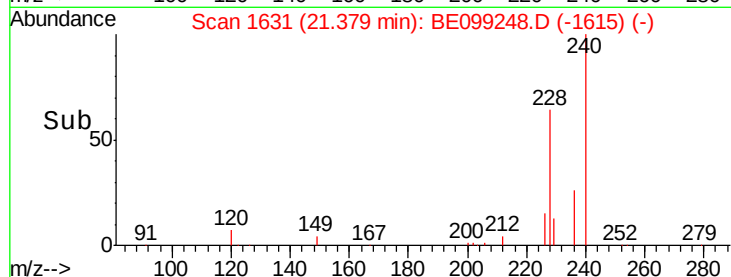
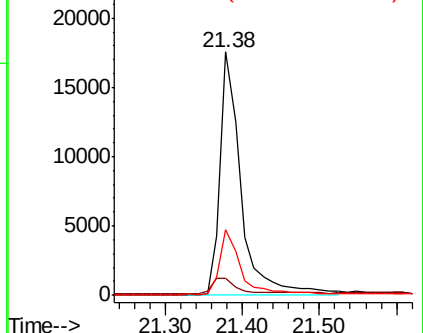
236 26.8 20.9 31.3



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: 0.452 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

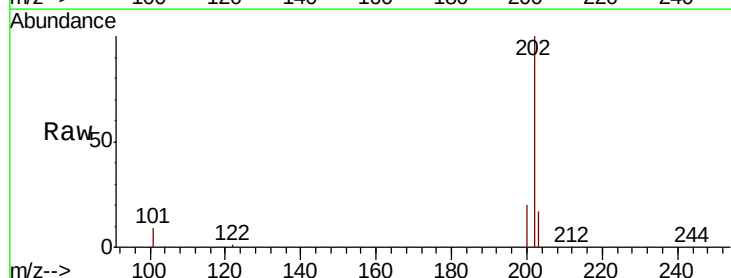
Tgt Ion:202 Resp: 49602

Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

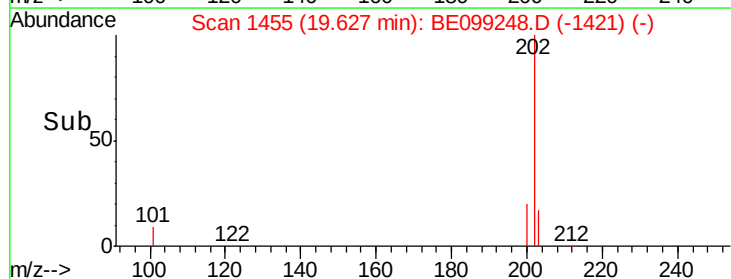
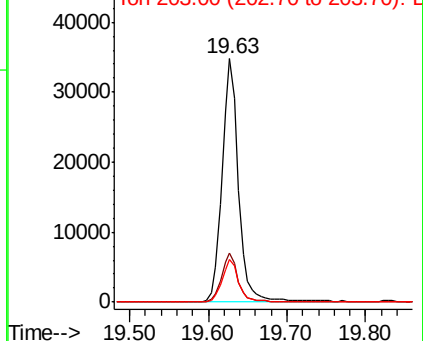
203 17.3 14.1 21.1

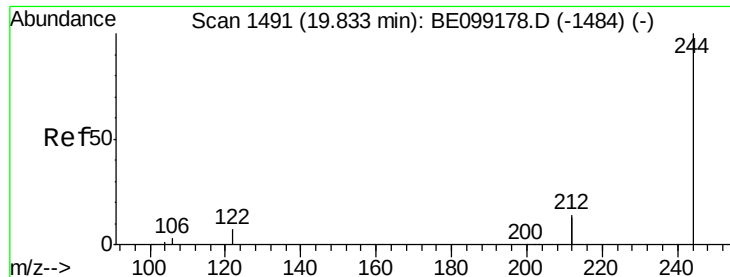


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

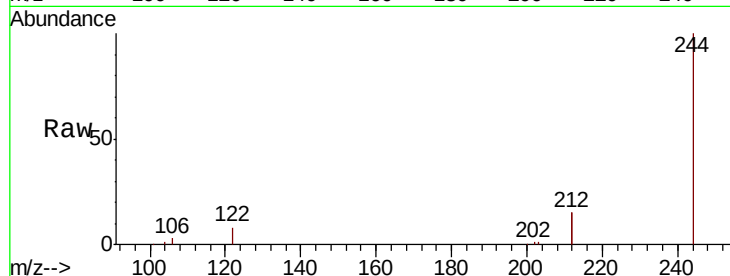
Tgt Ion:244 Resp: 32660

Ion Ratio Lower Upper

244 100

212 30.6 22.7 34.1

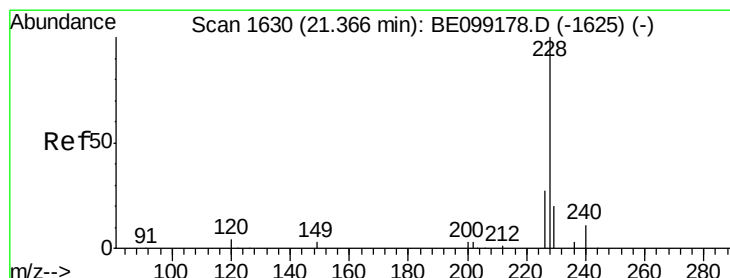
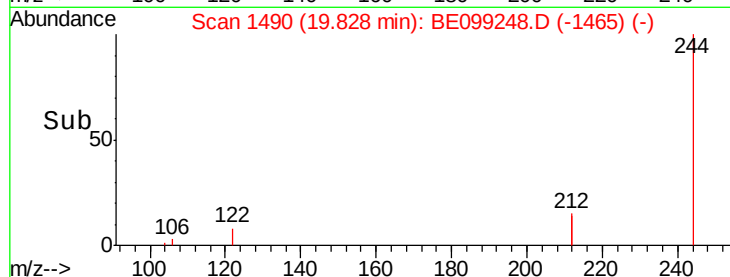
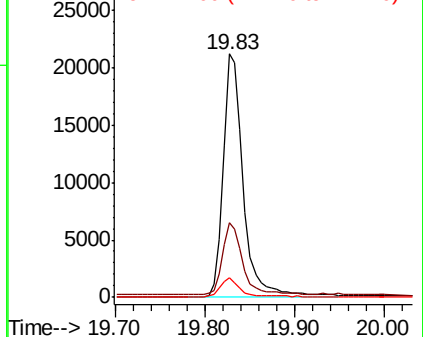
122 7.9 5.8 8.6



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: 0.366 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

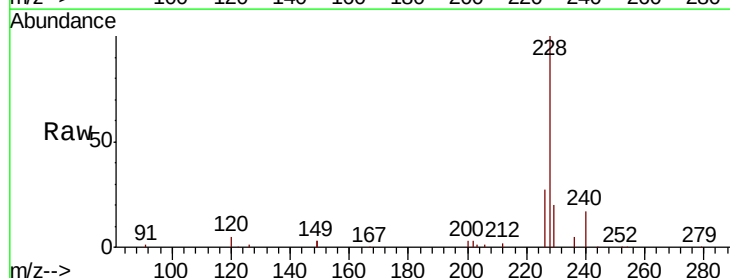
Tgt Ion:228 Resp: 39825

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

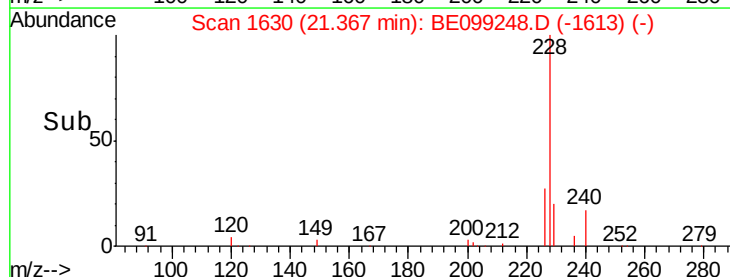
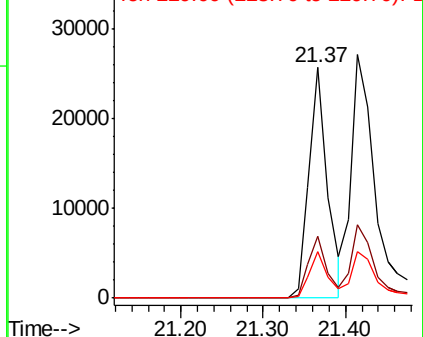
229 20.3 15.9 23.9

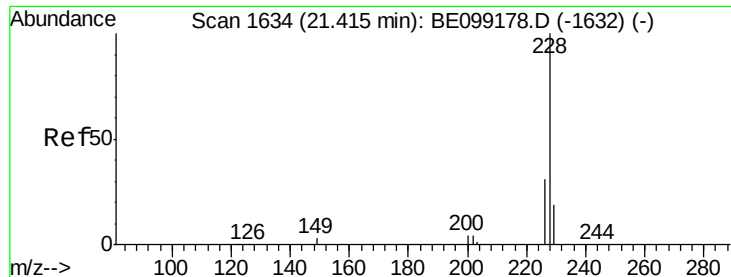


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.429 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

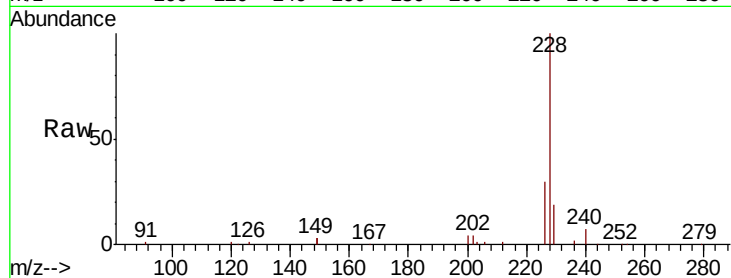
Tgt Ion:228 Resp: 49954

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

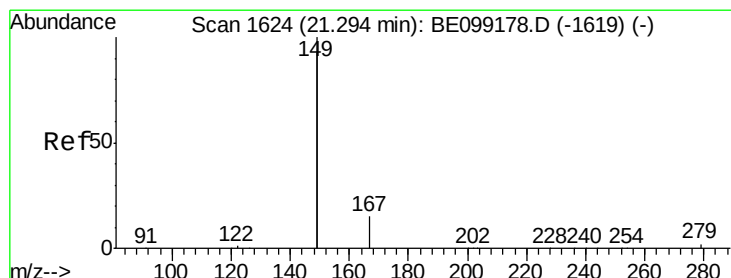
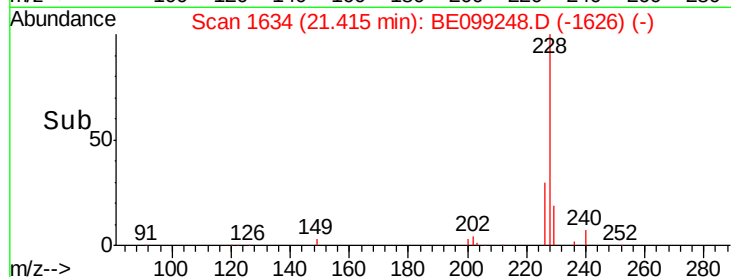
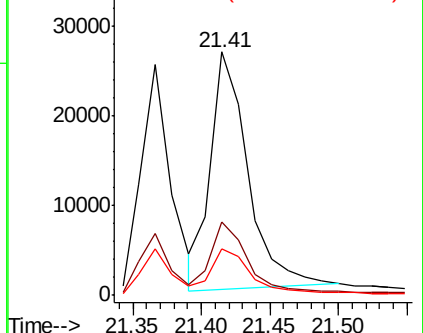
229 18.9 15.4 23.0



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: 0.287 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

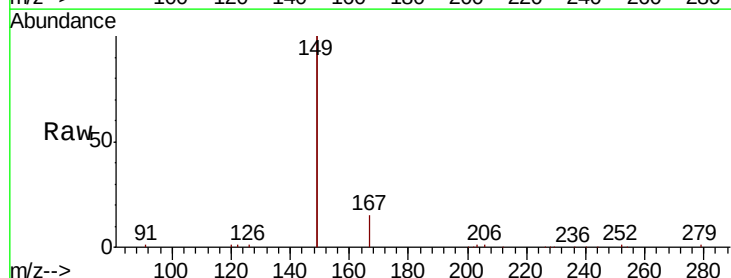
Tgt Ion:149 Resp: 37342

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

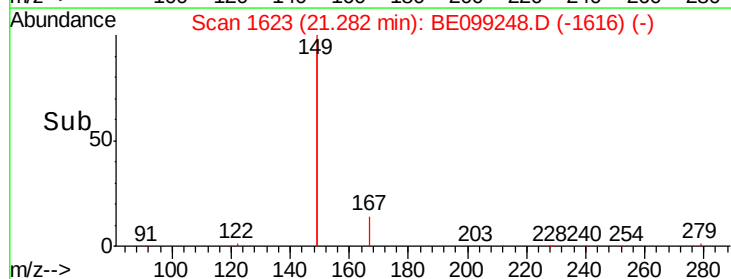
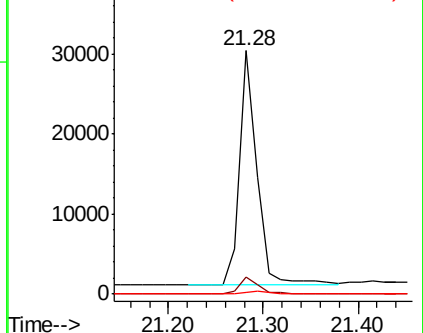
279 1.3 1.0 1.6

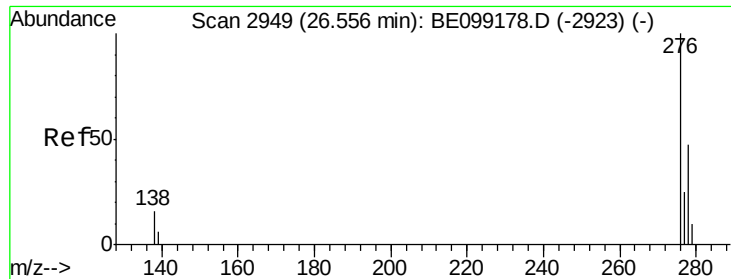


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.172 ng

RT: 26.56 min Scan# 2950

Delta R.T. 0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

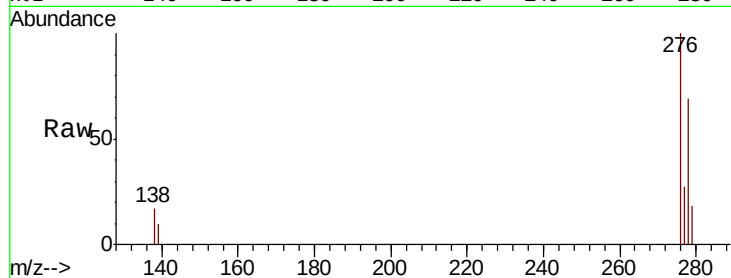
Tgt Ion:276 Resp: 18968

Ion Ratio Lower Upper

276 100

138 7.9 12.9 19.3#

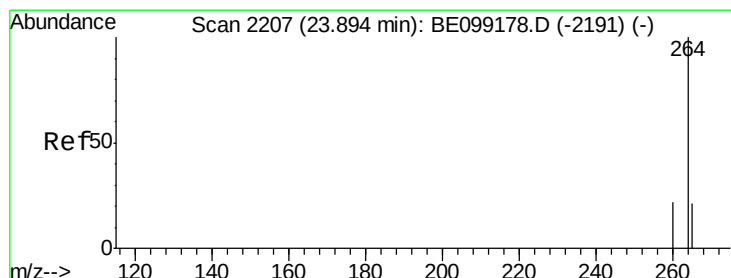
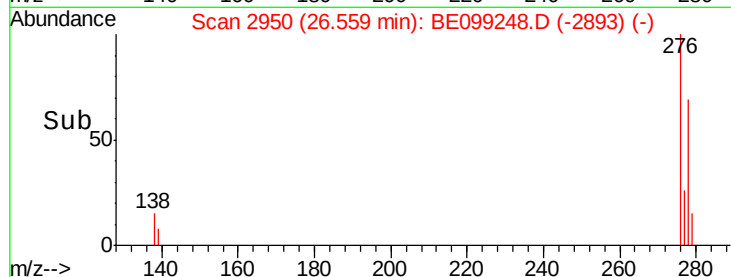
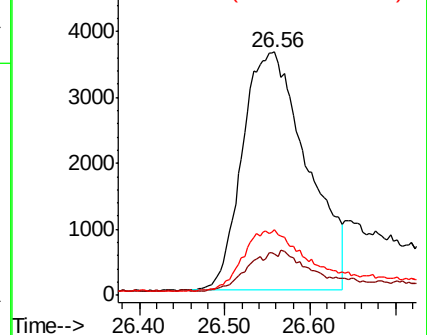
277 26.7 18.3 27.5



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# 2206

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

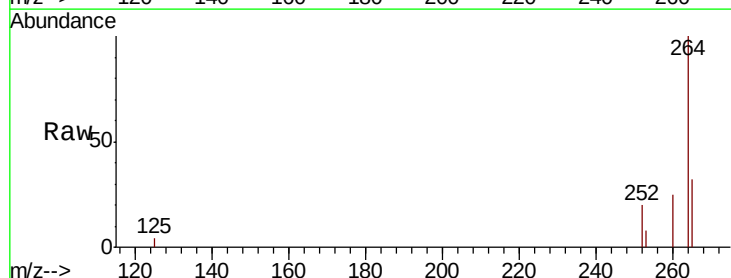
Tgt Ion:264 Resp: 23883

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.2

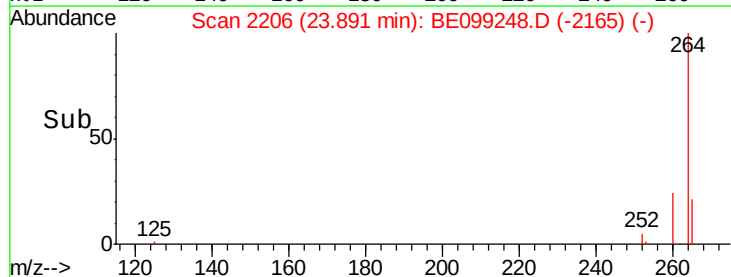
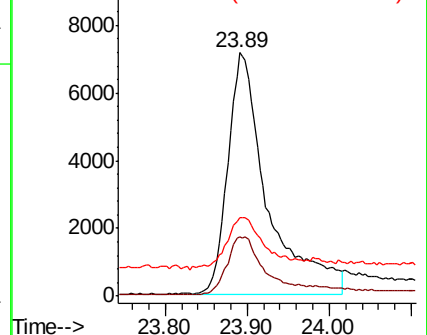
265 32.3 21.8 32.8

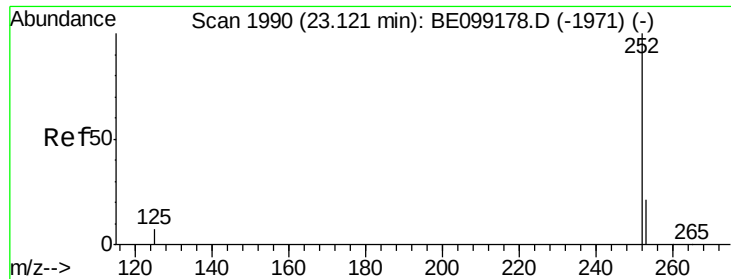


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.361 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

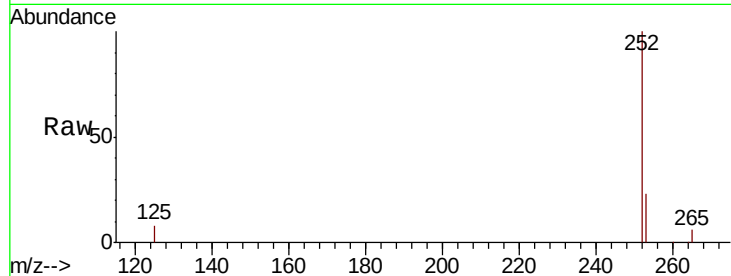
Tgt Ion:252 Resp: 28363

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

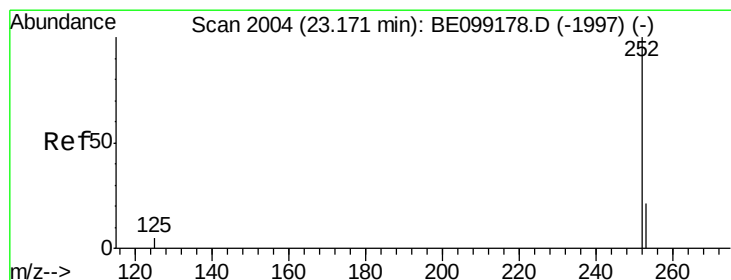
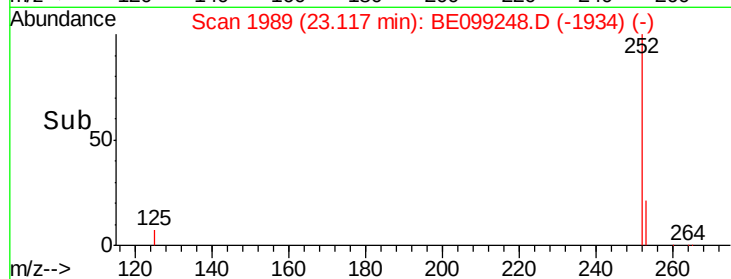
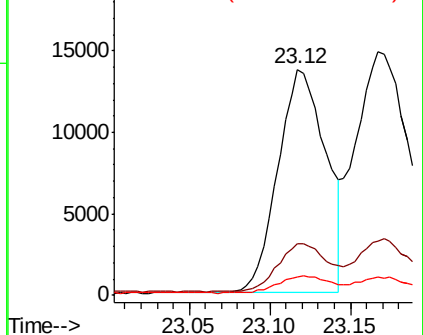
125 8.2 6.1 9.1



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: 0.542 ng

RT: 23.17 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

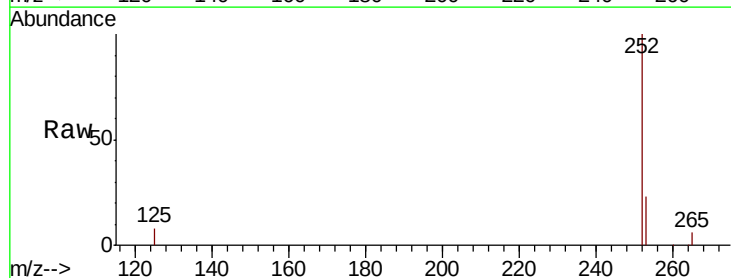
Tgt Ion:252 Resp: 45026

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

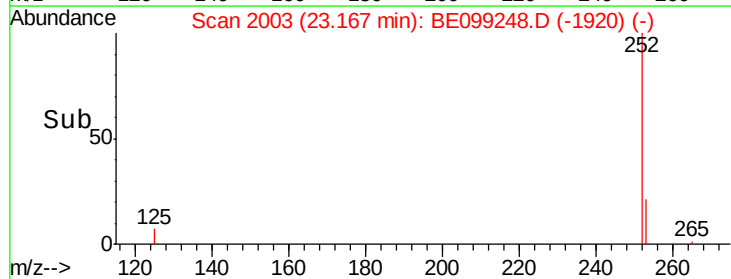
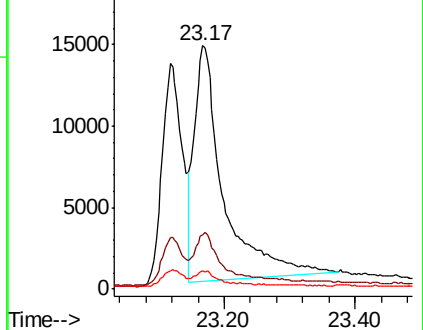
125 7.7 5.9 8.9

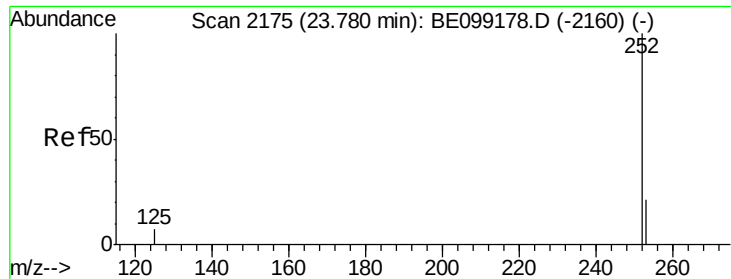


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.78 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

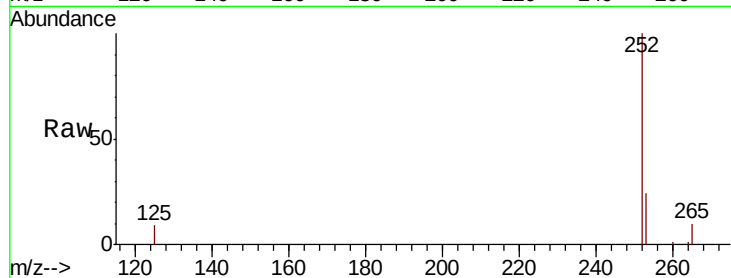
Tgt Ion:252 Resp: 27587

Ion Ratio Lower Upper

252 100

253 24.1 18.1 27.1

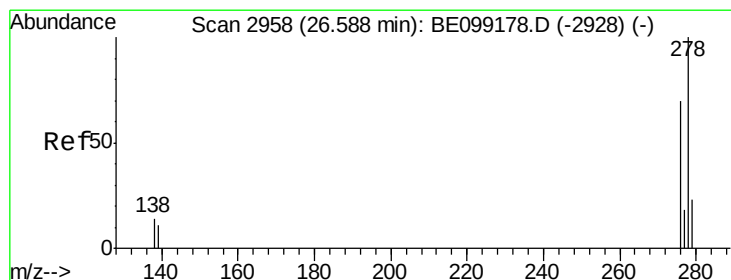
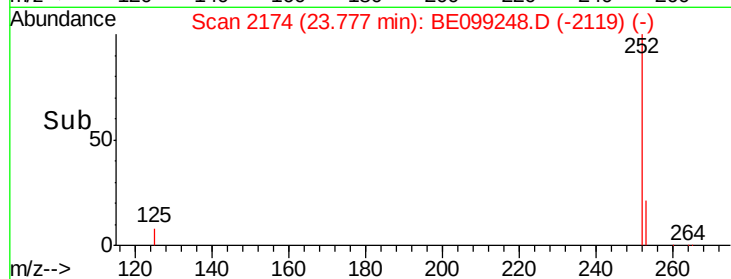
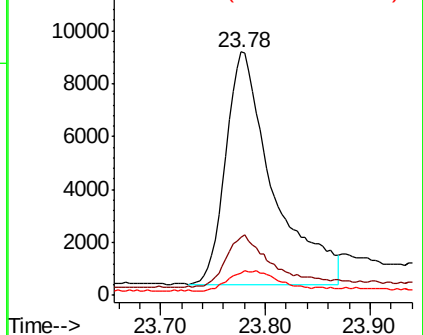
125 9.1 6.8 10.2



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: 0.233 ng

RT: 26.58 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BE099248.D

Acq: 29 Mar 2019 10:50

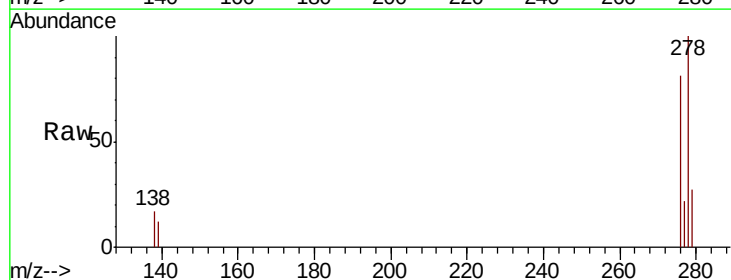
Tgt Ion:278 Resp: 15163

Ion Ratio Lower Upper

278 100

139 12.3 9.5 14.3

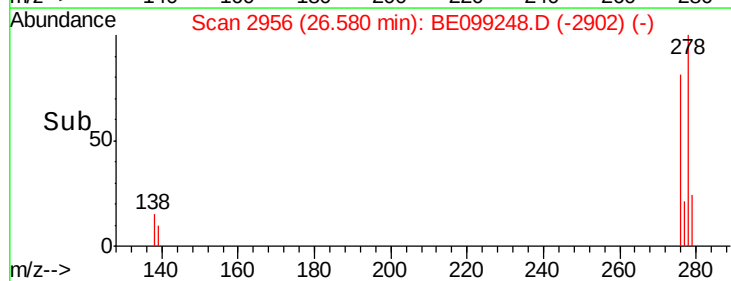
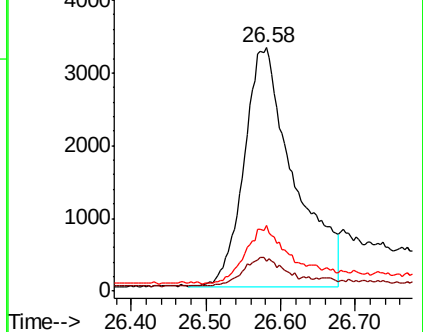
279 26.7 19.1 28.7

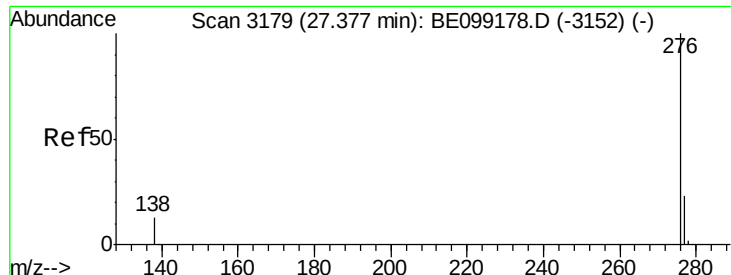


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.284 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BE099248.D

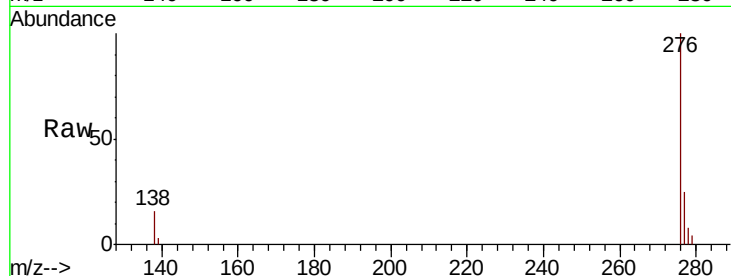
Acq: 29 Mar 2019 10:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 18569

Ion Ratio Lower Upper

276 100

277 25.0 19.0 28.4

138 15.7 11.1 16.7

