

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099946.D
 Acq On : 12 Jun 2019 8:32
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 13 04:07:20 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 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	840	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3174	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2362	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	7491	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	8231	0.40	ng	-0.04
34) Perylene-d12	23.86	264	9335	0.40	ng	-0.07

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	763	0.34	ng	0.00
5) Phenol-d6	6.96	99	1065	0.36	ng	0.00
8) Nitrobenzene-d5	8.95	82	1122	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	2290	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	443	0.25	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3682	0.41	ng	-0.03
25) Fluoranthene-d10	19.21	212	38004	0.35	ng	-0.04
29) Terphenyl-d14	19.82	244	6641	0.45	ng	-0.03

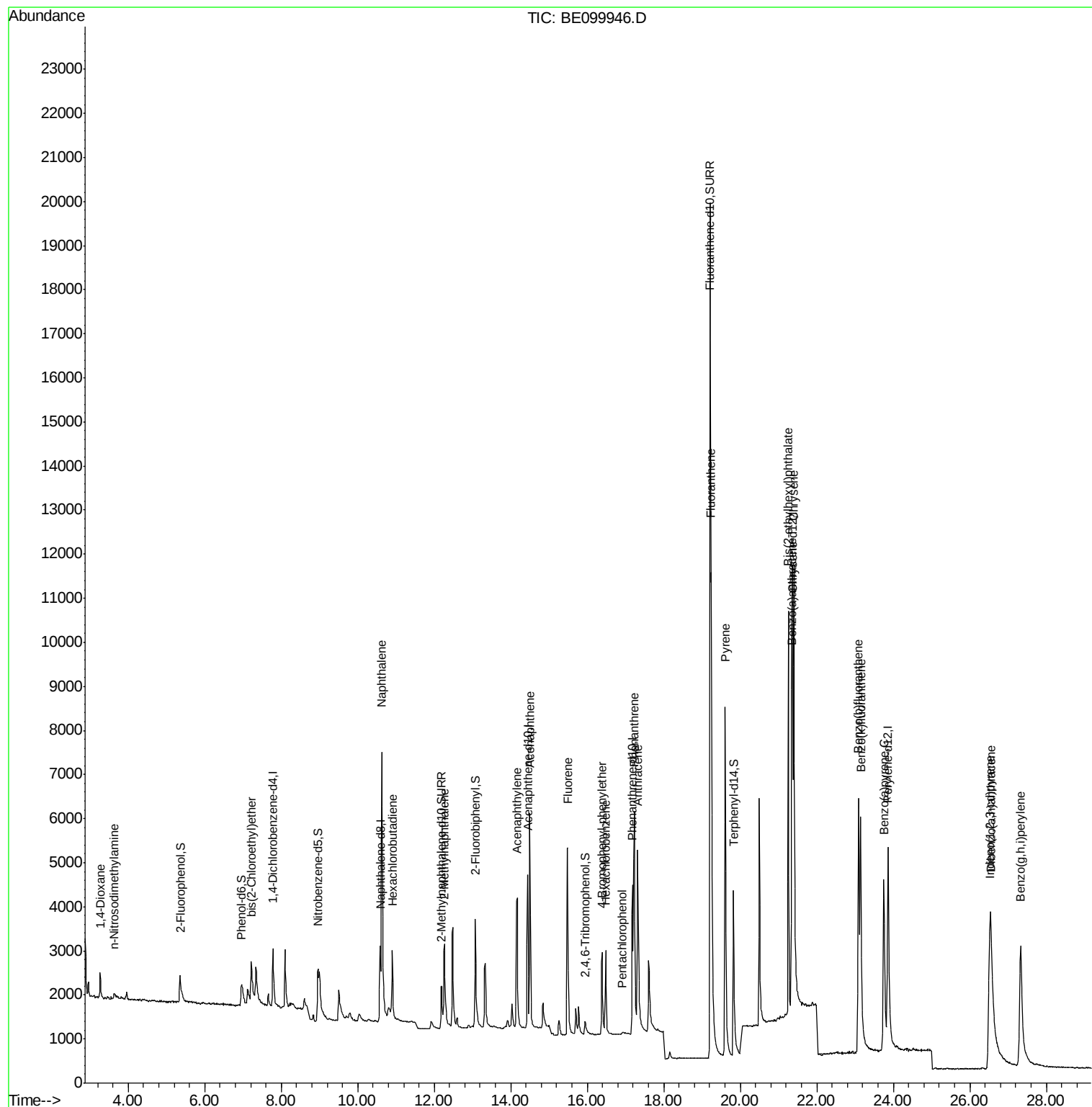
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	525	0.422	ng	91
3) n-Nitrosodimethylamine	3.63	42	91	0.127	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	914	0.383	ng	# 72
9) Naphthalene	10.63	128	14061	0.410	ng	99
10) Hexachlorobutadiene	10.90	225	1175	0.450	ng	99
12) 2-Methylnaphthalene	12.27	142	2248	0.404	ng	96
16) Acenaphthylene	14.17	152	4757	0.405	ng	99
17) Acenaphthene	14.50	154	2631	0.411	ng	98
18) Fluorene	15.49	166	3905	0.406	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	1761	0.415	ng	96
21) Hexachlorobenzene	16.48	284	1829	0.422	ng	99
22) Pentachlorophenol	16.91	266	28	0.313	ng	94
23) Phenanthrene	17.23	178	7052	0.388	ng	99
24) Anthracene	17.32	178	5841	0.350	ng	98
26) Fluoranthene	19.24	202	10863	0.352	ng	100
28) Pyrene	19.61	202	10834	0.501	ng	100
30) Benzo(a)anthracene	21.34	228	9919	0.403	ng	100
31) Chrysene	21.40	228	11492	0.452	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	11483	0.325	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	11621	0.385	ng	# 95
35) Benzo(b)fluoranthene	23.09	252	9571	0.366	ng	99
36) Benzo(k)fluoranthene	23.14	252	11788	0.431	ng	99
37) Benzo(a)pyrene	23.75	252	10171	0.395	ng	99
38) Dibenzo(a,h)anthracene	26.55	278	8362	0.322	ng	# 92
39) Benzo(g,h,i)perylene	27.33	276	10315	0.385	ng	# 97

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

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Misc :
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Instrument :
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Quant Time: Jun 13 04:07:20 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 14:57:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 427

Delta R.T. -0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

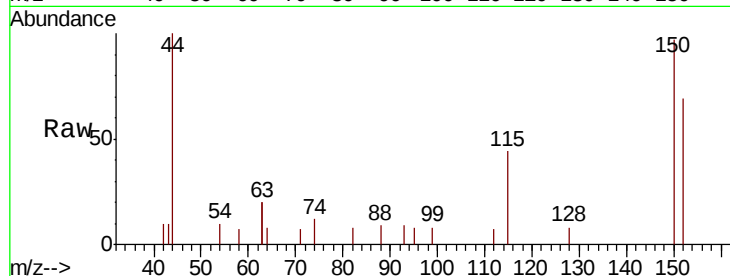
Tgt Ion: 152 Resp: 840

Ion Ratio Lower Upper

152 100

150 141.2 111.0 166.6

115 63.8 50.7 76.1

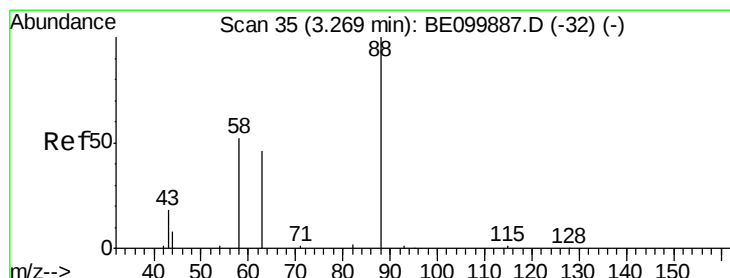
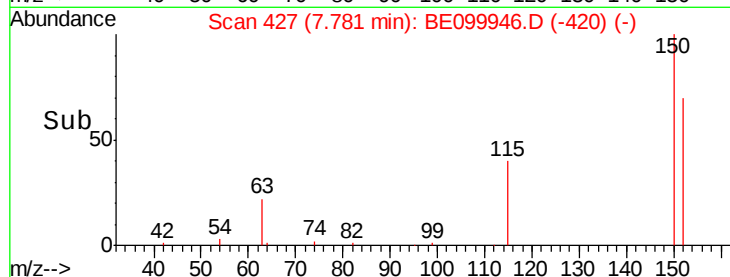
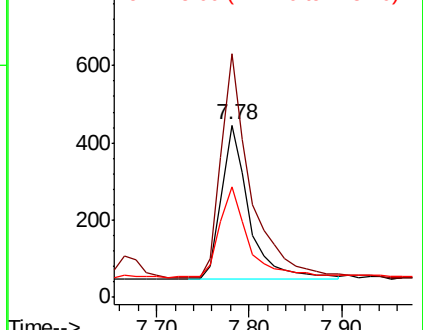


Abundance

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: 0.422 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

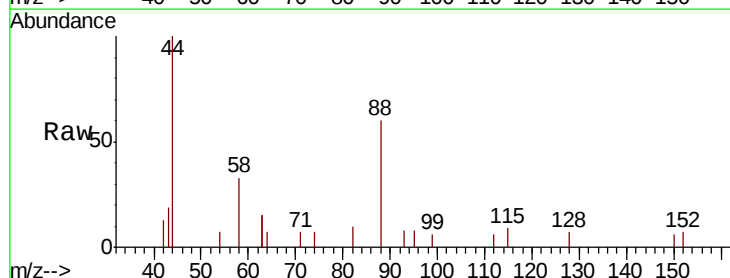
Tgt Ion: 88 Resp: 525

Ion Ratio Lower Upper

88 100

58 52.6 48.8 73.2

43 22.7 19.0 28.6

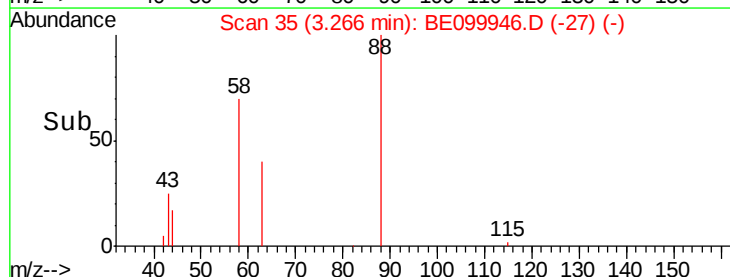
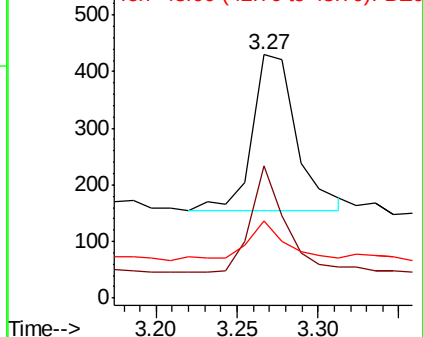


Abundance

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: 0.127 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

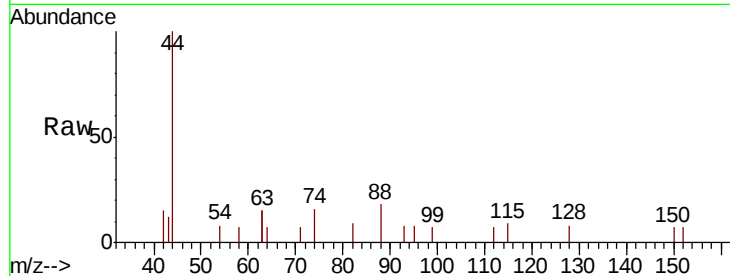
Tgt Ion: 42 Resp: 91

Ion Ratio Lower Upper

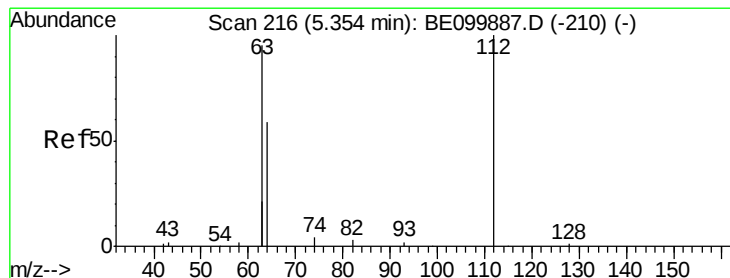
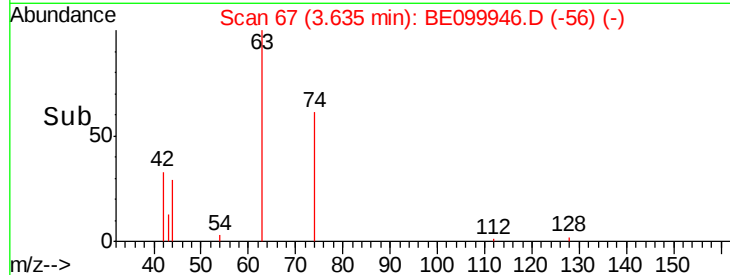
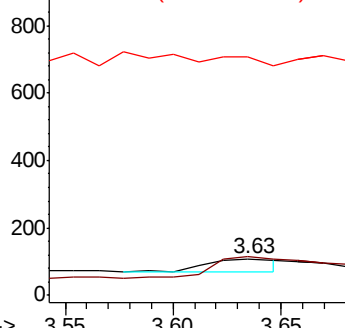
42 100

74 141.8 0.0 0.0#

44 0.0 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: 0.336 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

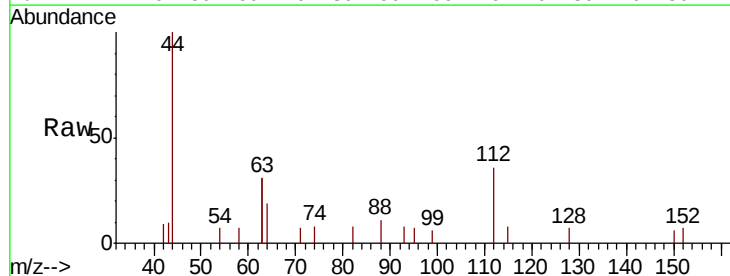
Tgt Ion: 112 Resp: 763

Ion Ratio Lower Upper

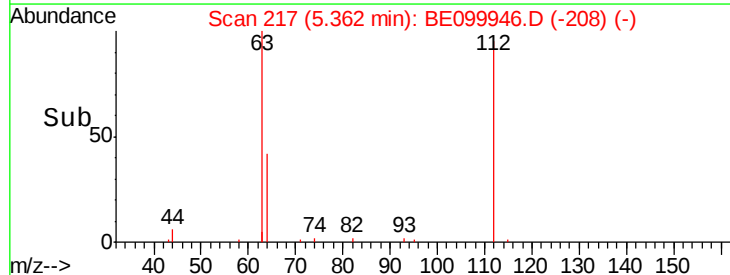
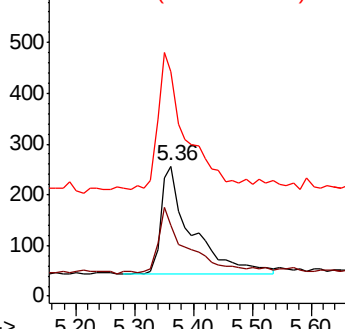
112 100

64 59.9 44.1 66.1

63 114.5 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: 0.365 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

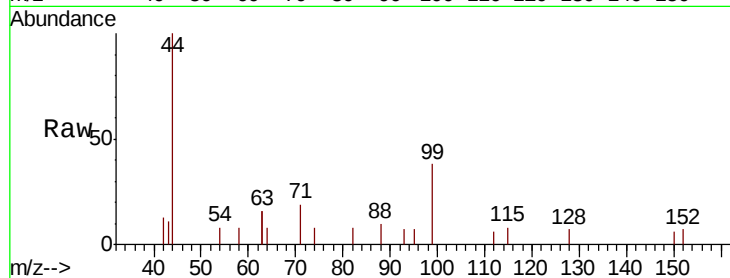
Tgt Ion: 99 Resp: 1065

Ion Ratio Lower Upper

99 100

42 12.5 15.9 23.9#

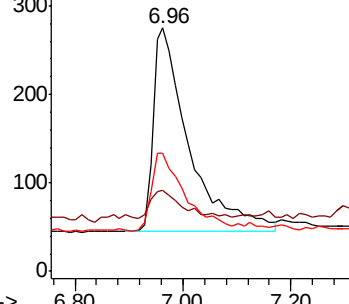
71 36.8 34.6 52.0



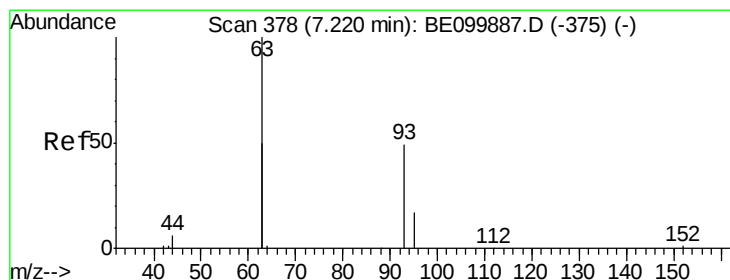
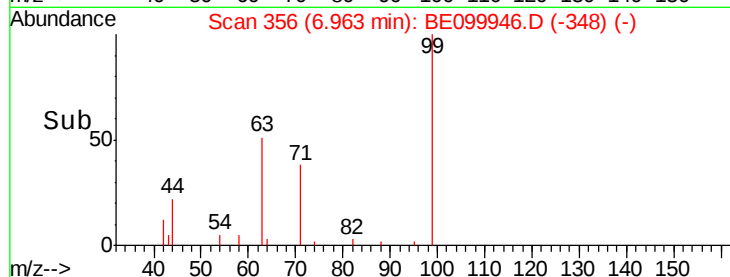
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

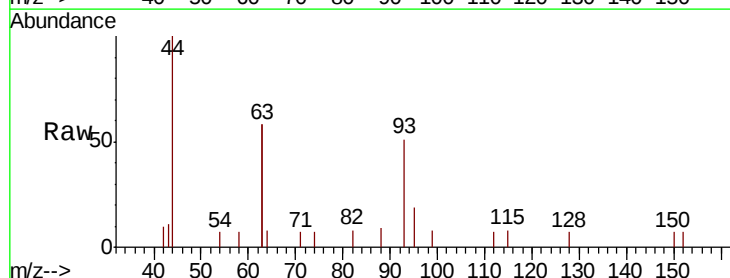
Tgt Ion: 93 Resp: 914

Ion Ratio Lower Upper

93 100

63 197.8 202.8 304.2#

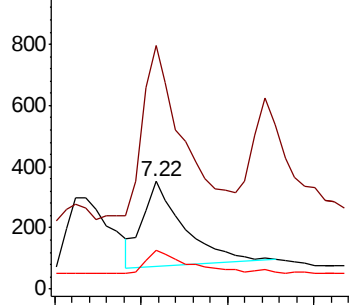
95 28.9 23.7 35.5



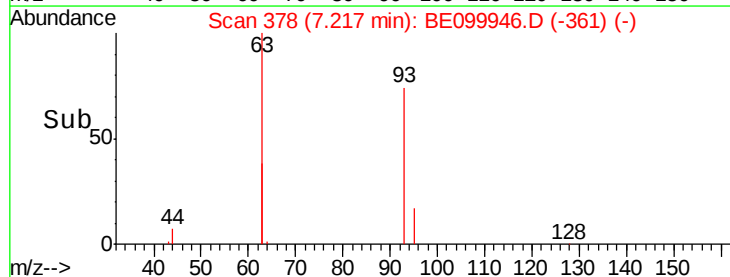
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

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ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 3174

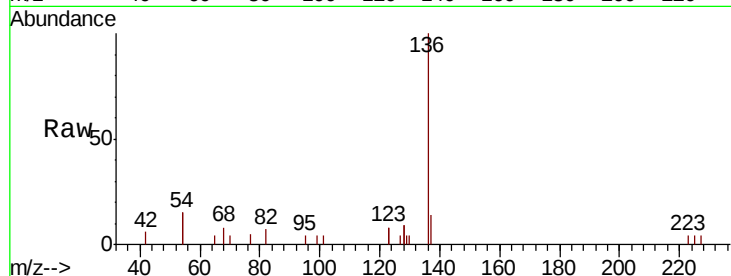
Ion Ratio Lower Upper

136 100

137 13.7 12.3 18.5

54 30.3 28.2 42.4

68 7.9 7.8 11.8

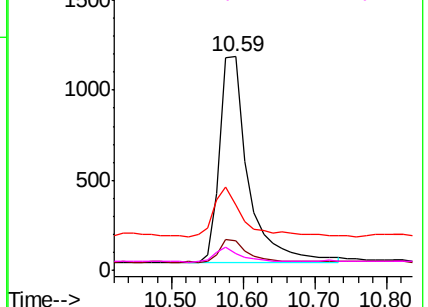
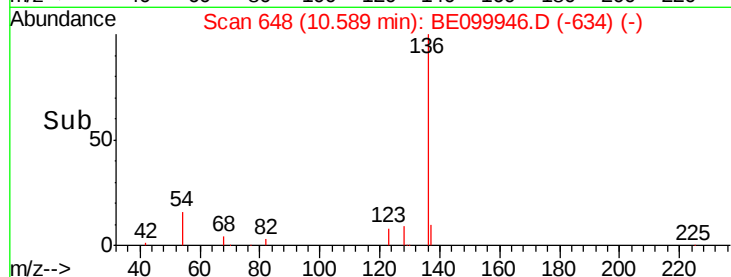


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

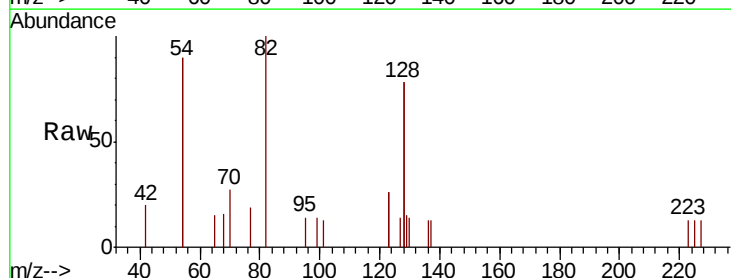
Tgt Ion: 82 Resp: 1122

Ion Ratio Lower Upper

82 100

128 156.2 137.3 205.9

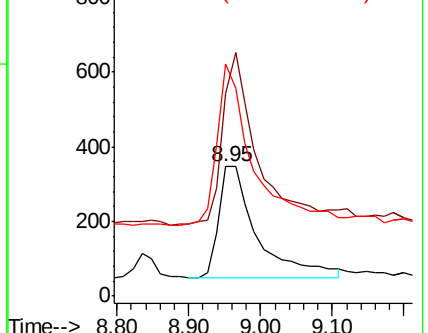
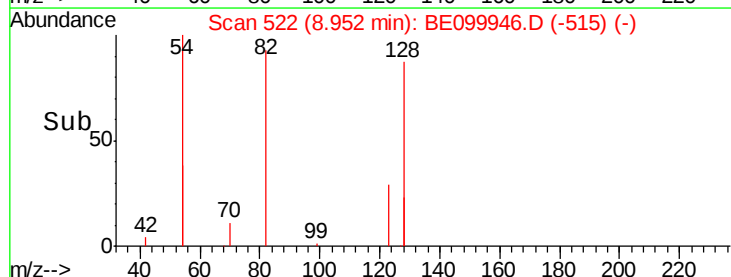
54 179.3 129.7 194.5

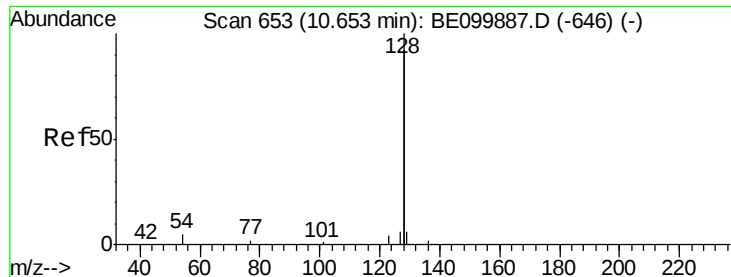


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.410 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

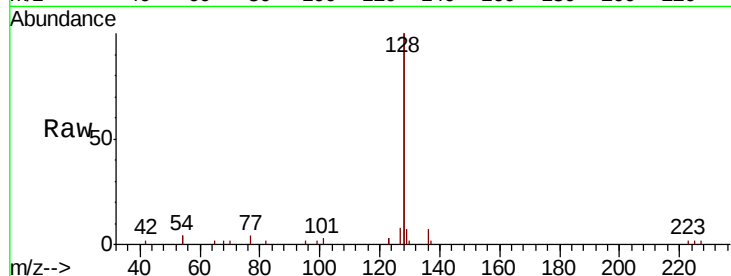
Tgt Ion:128 Resp: 14061

Ion Ratio Lower Upper

128 100

129 3.3 3.0 4.6

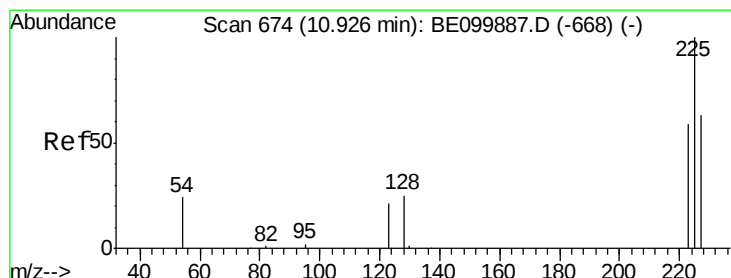
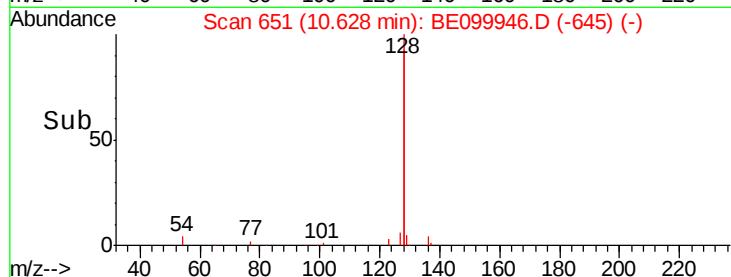
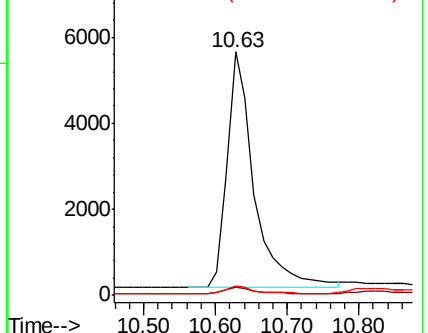
127 3.9 3.4 5.0



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: 0.450 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

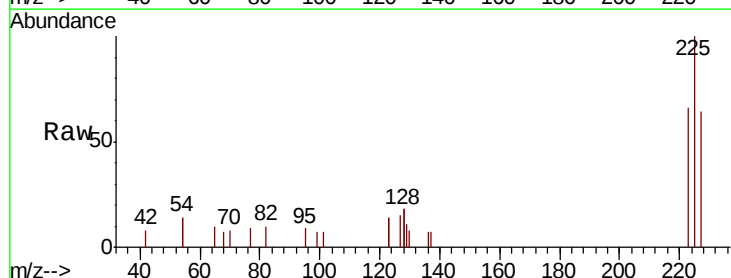
Tgt Ion:225 Resp: 1175

Ion Ratio Lower Upper

225 100

223 63.6 51.6 77.4

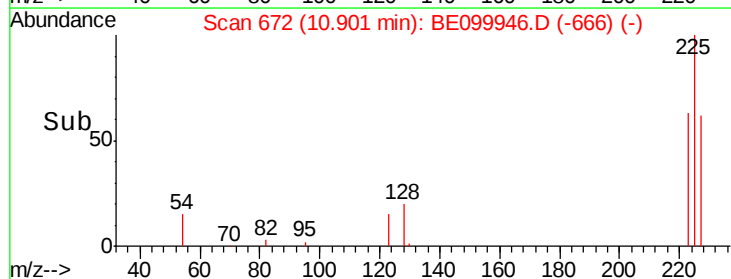
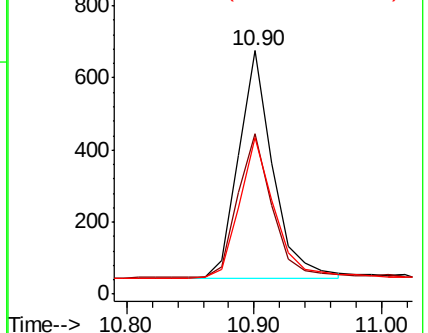
227 63.3 50.6 76.0



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: 0.414 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

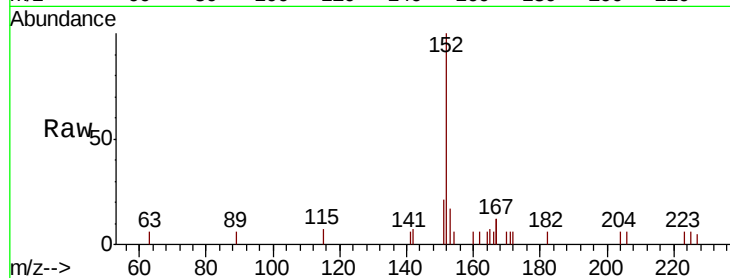
SSTDCCC0.4

Tgt Ion:152 Resp: 2290

Ion Ratio Lower Upper

152 100

151 19.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.18

800

600

400

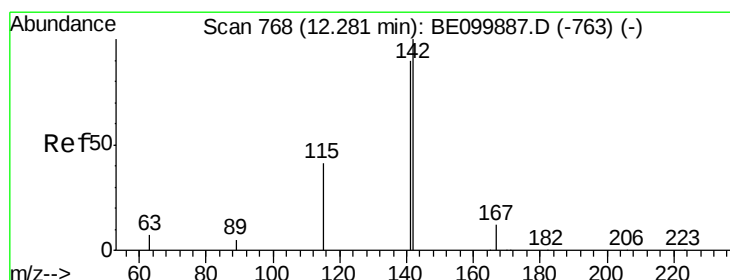
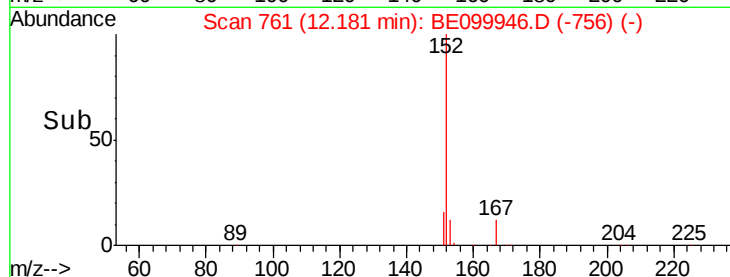
200

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.404 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

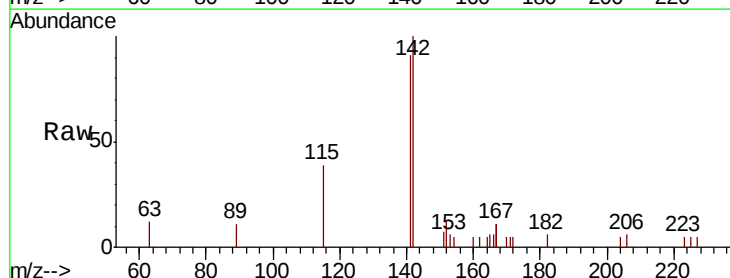
Tgt Ion:142 Resp: 2248

Ion Ratio Lower Upper

142 100

141 91.4 72.3 108.5

115 39.2 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

12.27

1000

800

600

400

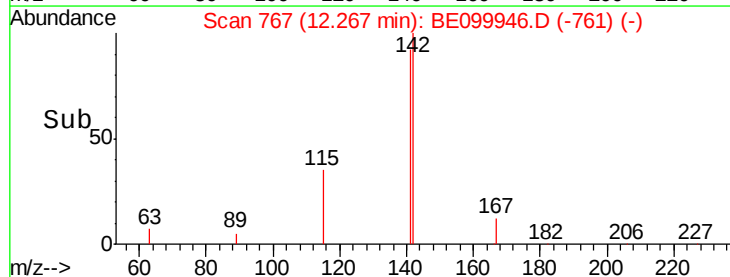
200

0

12.20

12.30

Time-->

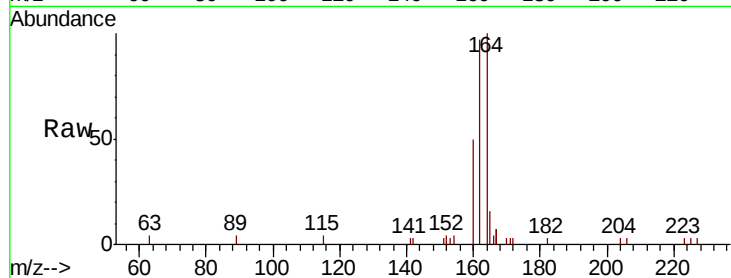




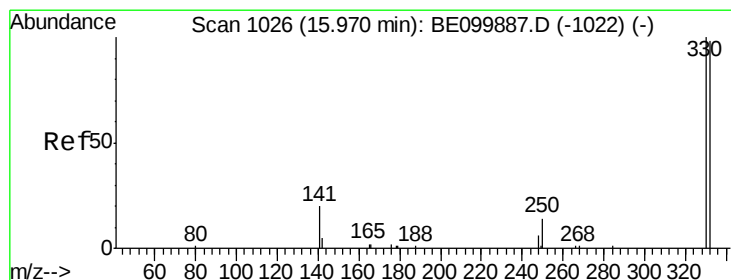
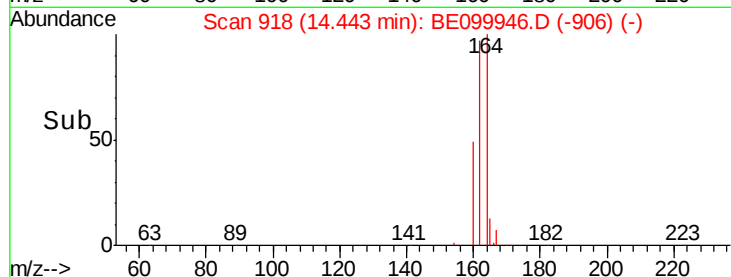
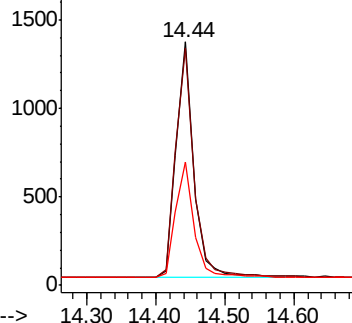
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2362
Ion Ratio Lower Upper
164 100
162 97.2 77.8 116.8
160 50.4 38.2 57.4

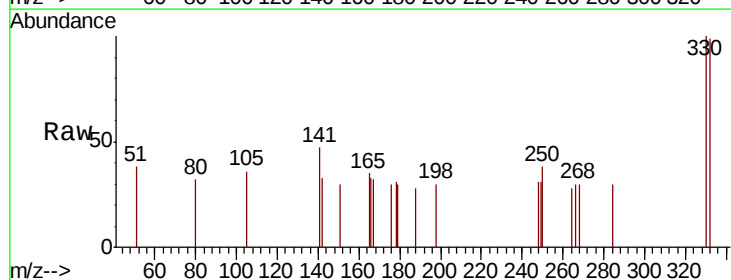


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

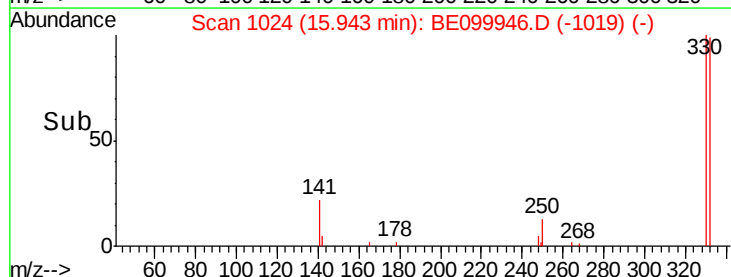
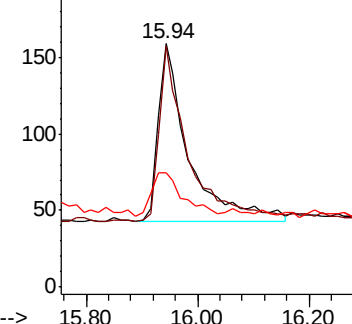


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:330 Resp: 443
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 26.2 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

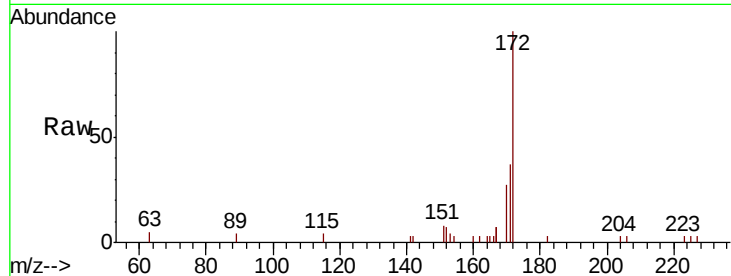




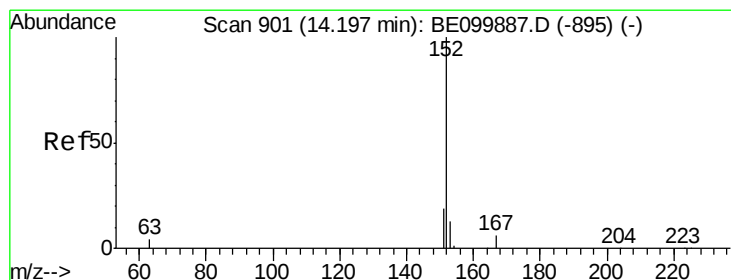
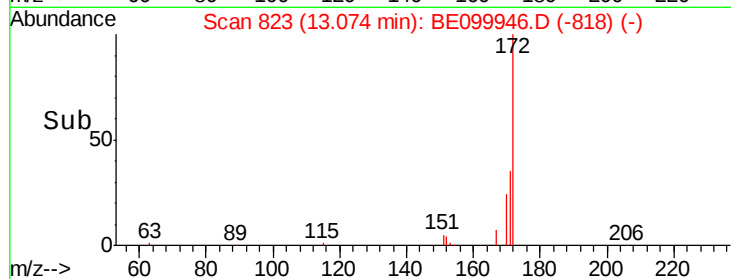
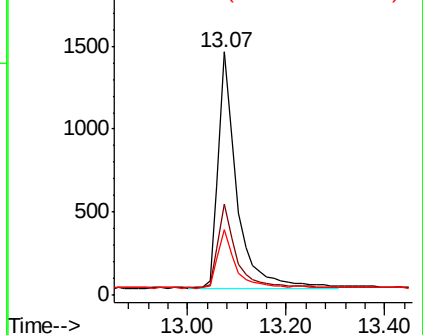
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3682
Ion Ratio Lower Upper
172 100
171 37.4 29.2 43.8
170 26.8 21.2 31.8

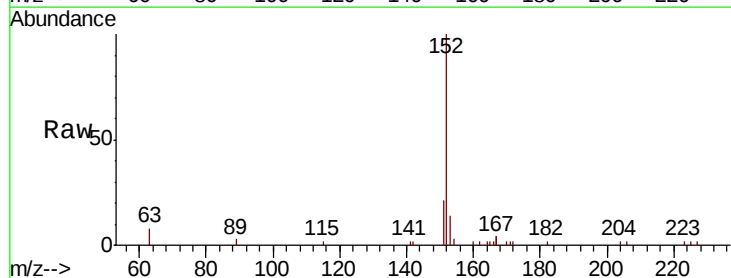


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

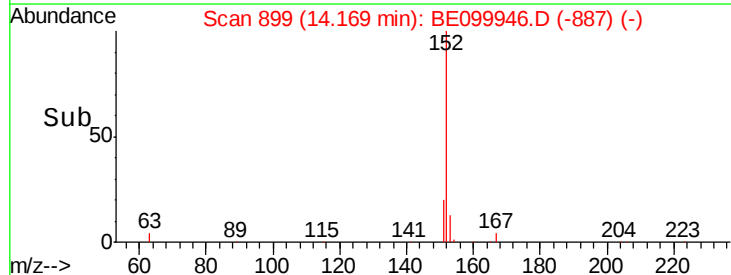
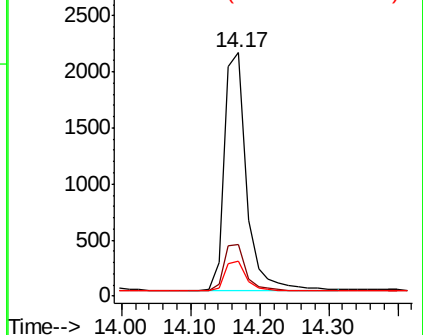


#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:152 Resp: 4757
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 12.5 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

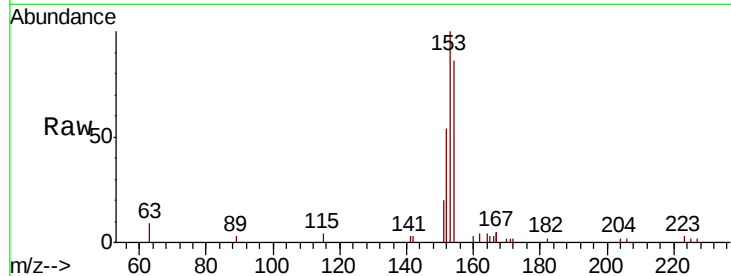




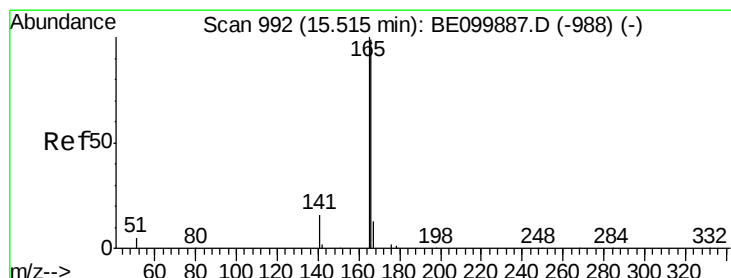
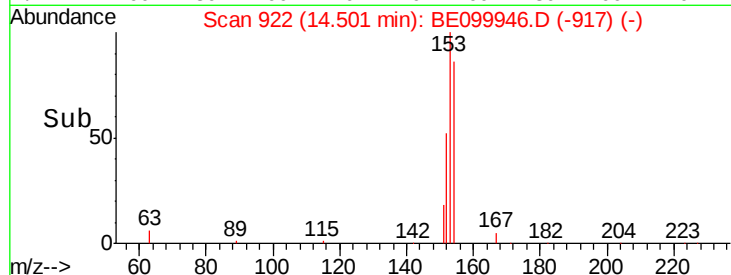
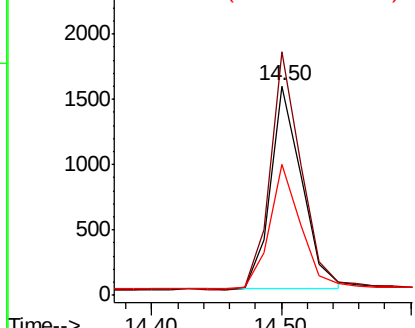
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2631
Ion Ratio Lower Upper
154 100
153 115.0 93.1 139.7
152 61.2 47.0 70.4

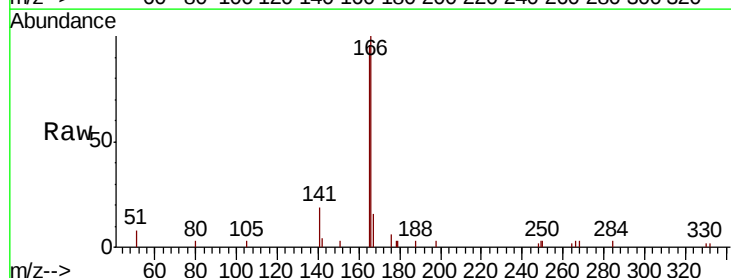


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

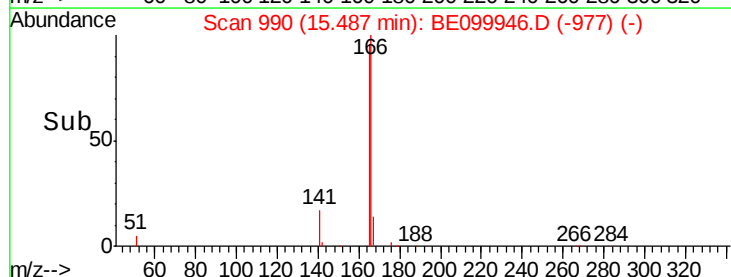
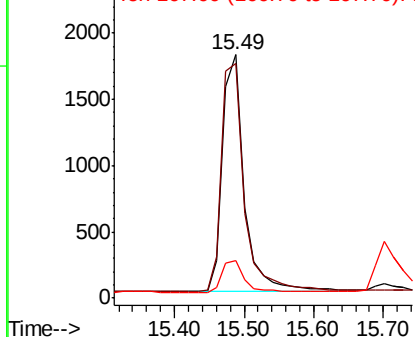


#18
Fluorene
Concen: 0.406 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:166 Resp: 3905
Ion Ratio Lower Upper
166 100
165 100.9 81.8 122.8
167 13.9 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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

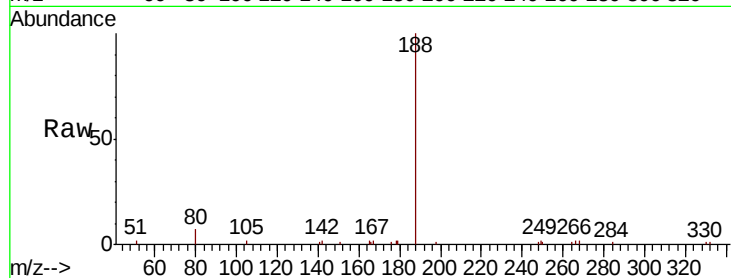
Tgt Ion:188 Resp: 7491

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

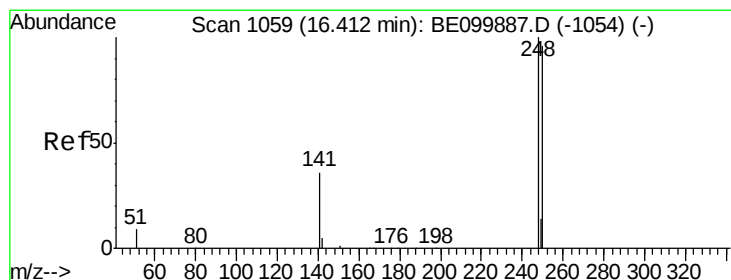
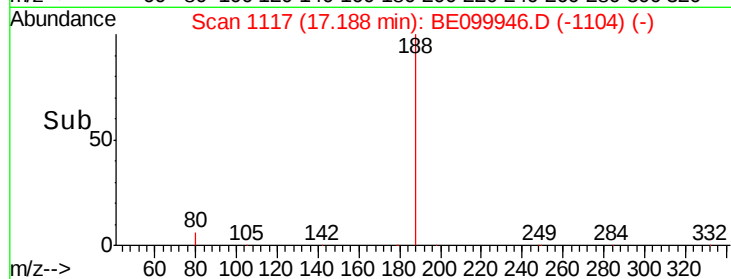
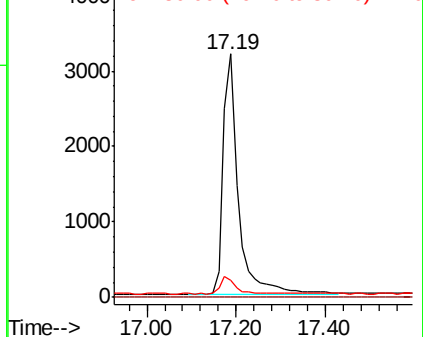
80 6.9 6.4 9.6



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: 0.415 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

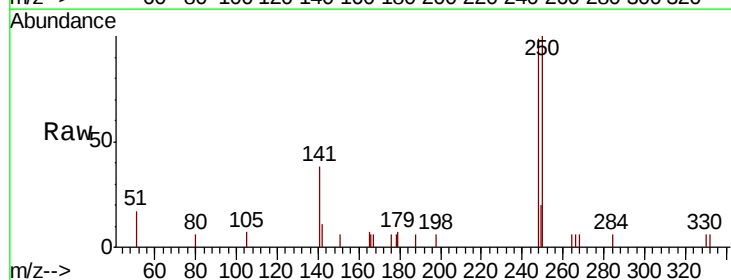
Tgt Ion:248 Resp: 1761

Ion Ratio Lower Upper

248 100

250 100.5 77.5 116.3

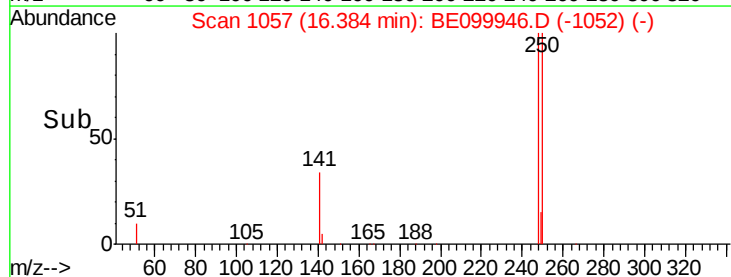
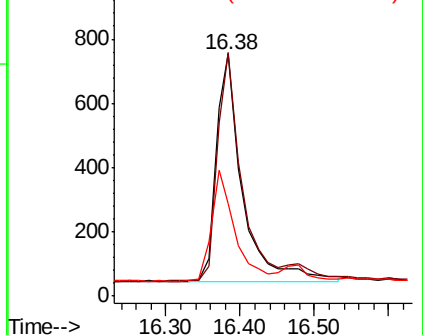
141 37.9 31.8 47.8

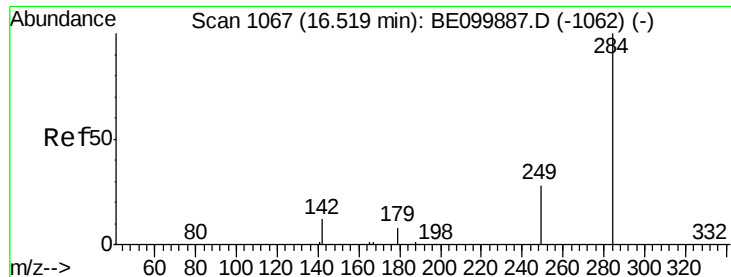


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

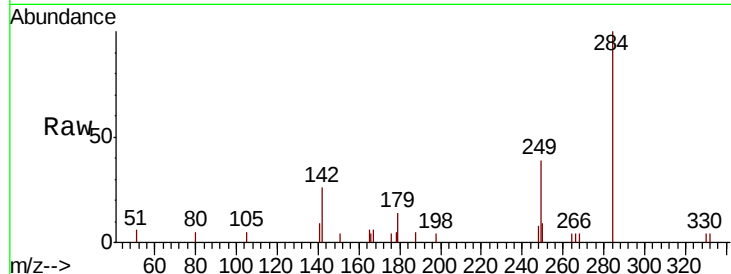




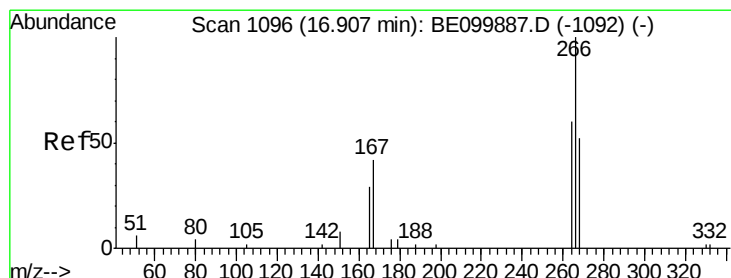
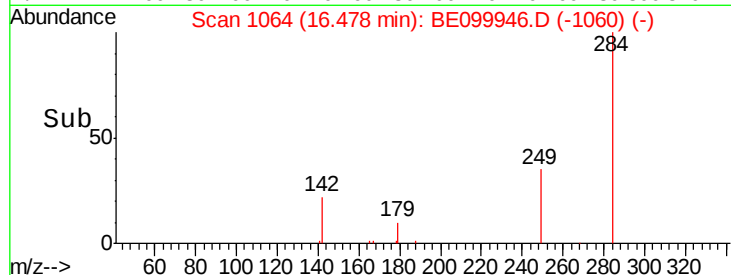
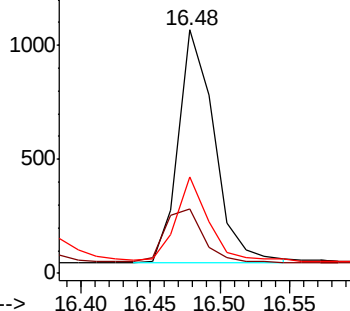
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.48 min Scan# 1064
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.1	18.2	27.4
249	31.2	24.6	37.0

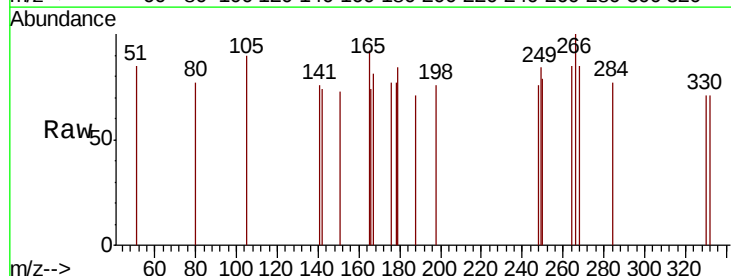


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

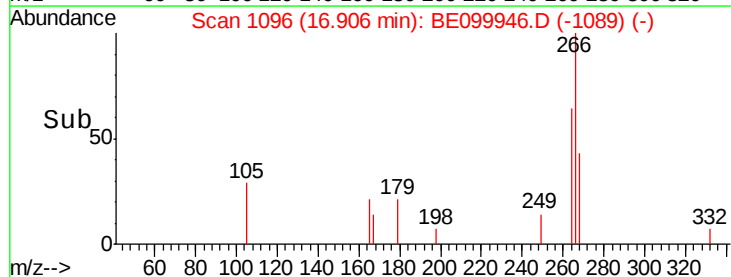
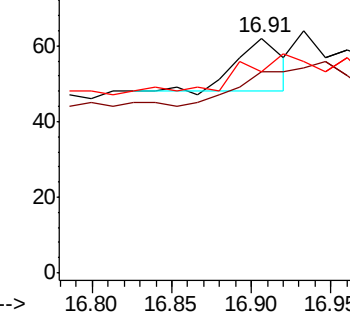


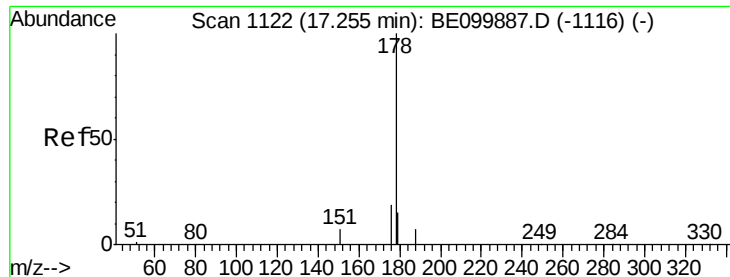
#22
Pentachlorophenol
Concen: 0.313 ng
RT: 16.91 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion	Ratio	Lower	Upper
266	100		
264	85.5	62.2	93.2
268	85.5	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: 0.388 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

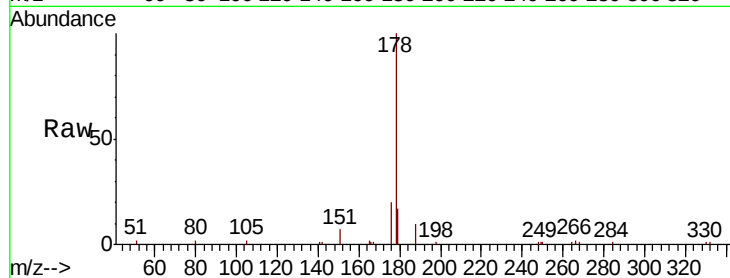
Tgt Ion:178 Resp: 7052

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

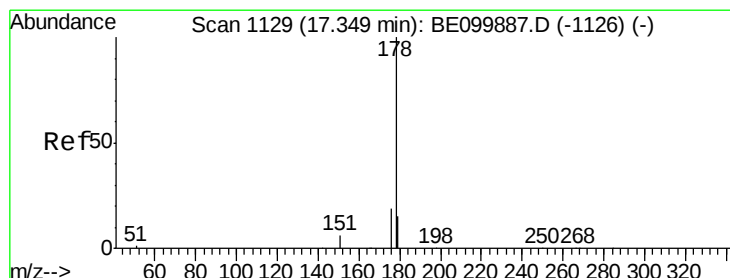
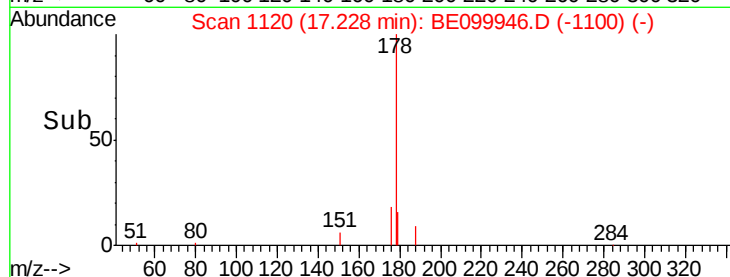
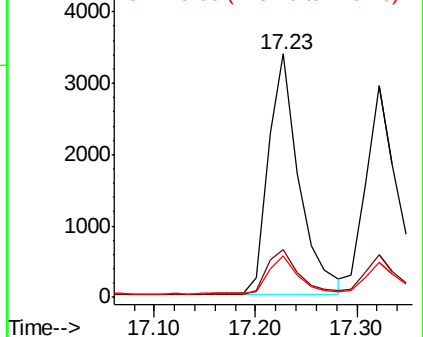
179 15.4 12.4 18.6



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: 0.350 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

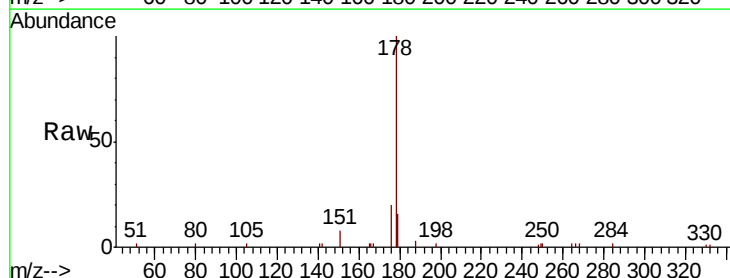
Tgt Ion:178 Resp: 5841

Ion Ratio Lower Upper

178 100

176 19.5 14.6 22.0

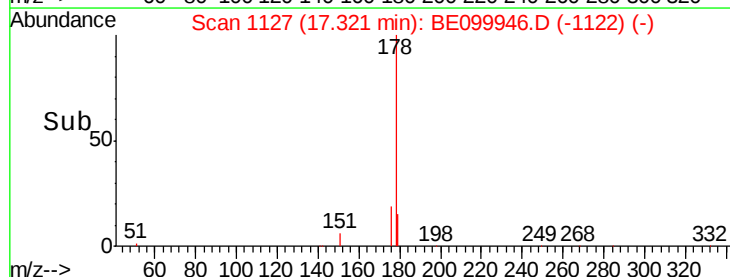
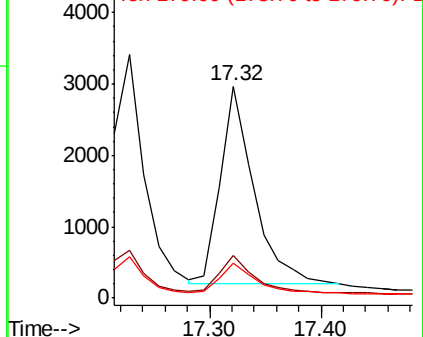
179 15.2 12.3 18.5



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: 0.348 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

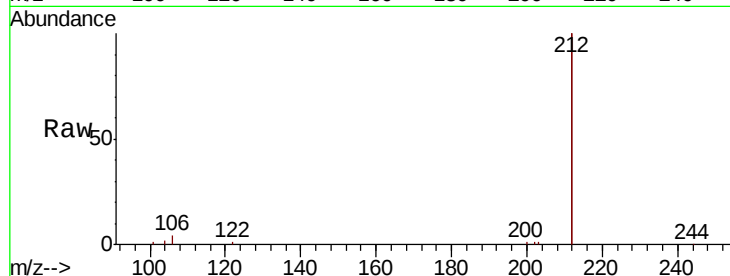
Tgt Ion:212 Resp: 38004

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

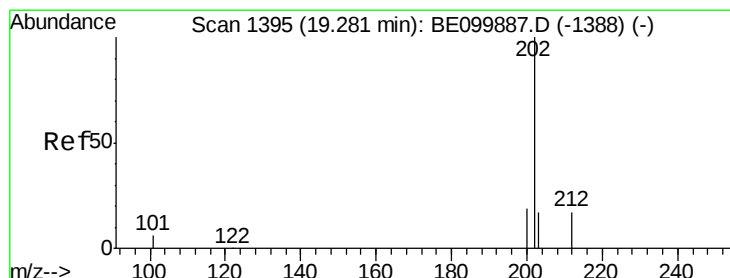
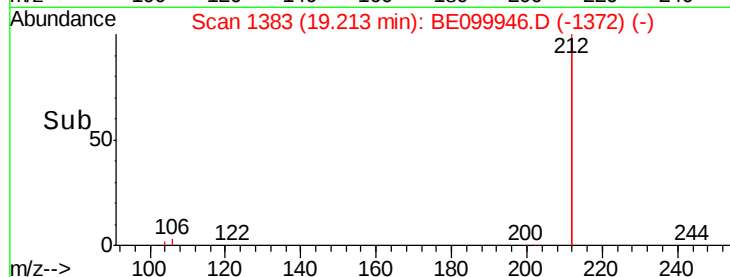
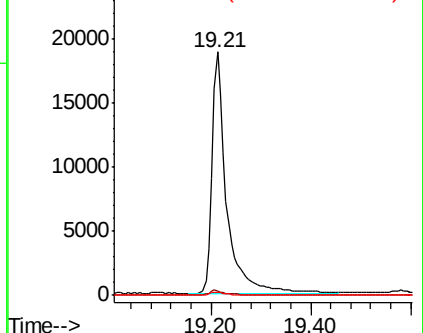
104 1.0 0.9 1.3



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: 0.352 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

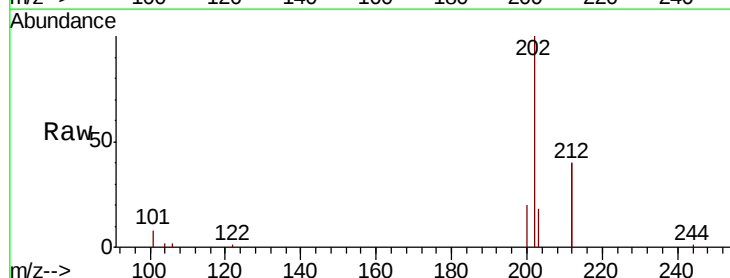
Tgt Ion:202 Resp: 10863

Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.0

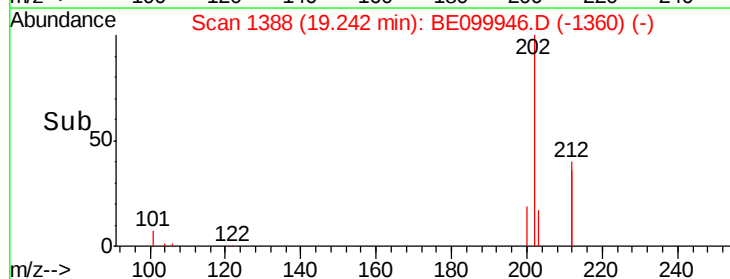
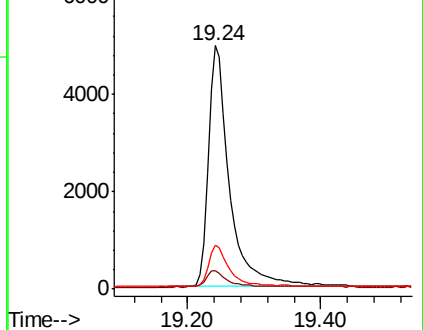
203 16.7 13.2 19.8



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

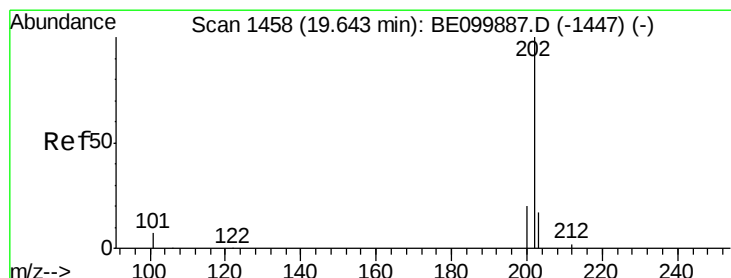
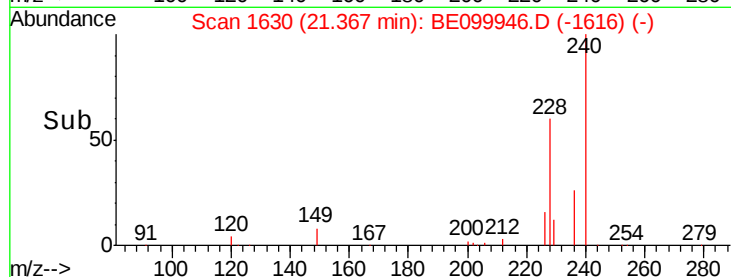
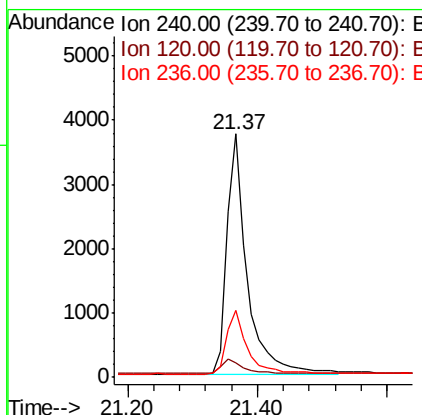
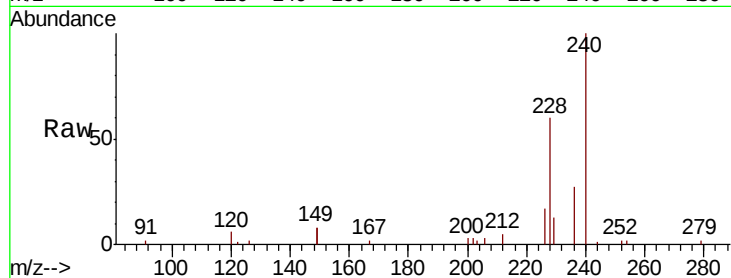




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BE099946.D
 Acq: 12 Jun 2019 8:32

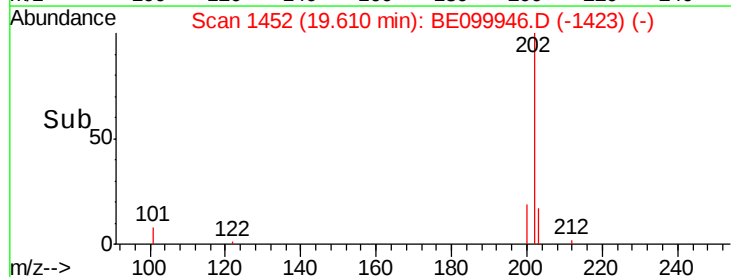
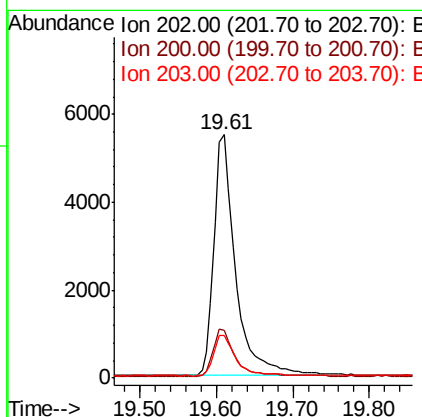
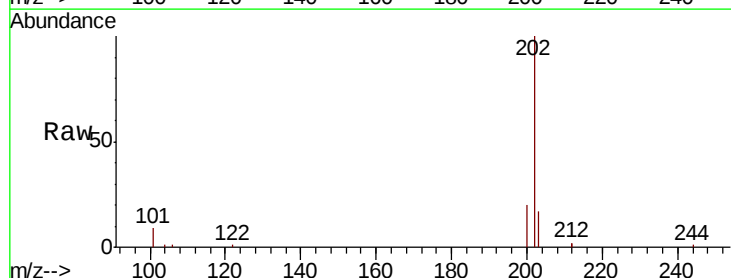
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

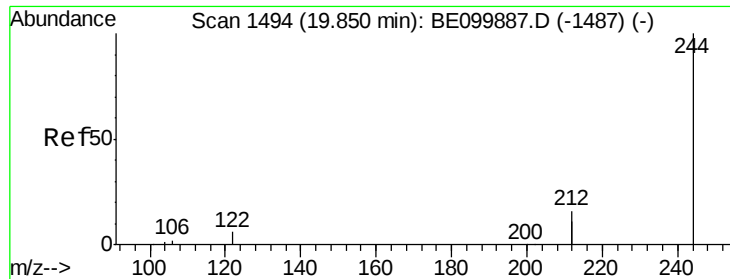
Tgt Ion: 240 Resp: 8231
 Ion Ratio Lower Upper
 240 100
 120 6.1 3.8 5.6#
 236 27.3 22.0 33.0



#28
 Pyrene
 Concen: 0.501 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: BE099946.D
 Acq: 12 Jun 2019 8:32

Tgt Ion: 202 Resp: 10834
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.5 23.3
 203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.448 ng

RT: 19.82 min Scan# 1489

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

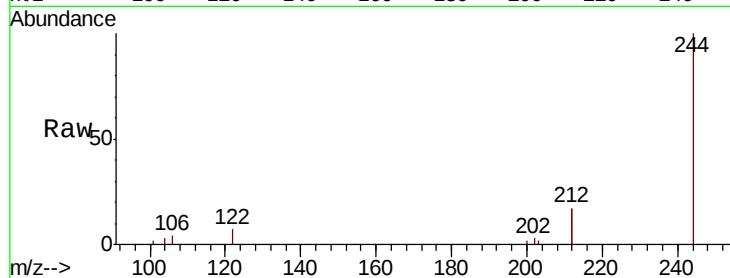
Tgt Ion:244 Resp: 6641

Ion Ratio Lower Upper

244 100

212 34.4 25.7 38.5

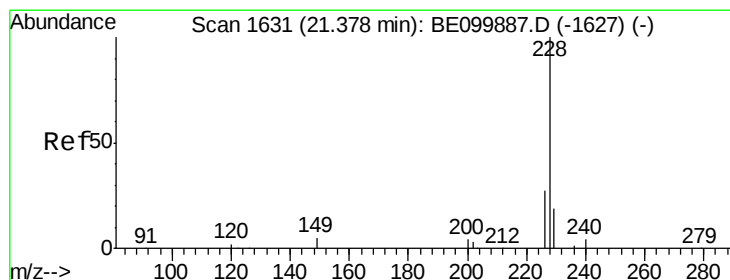
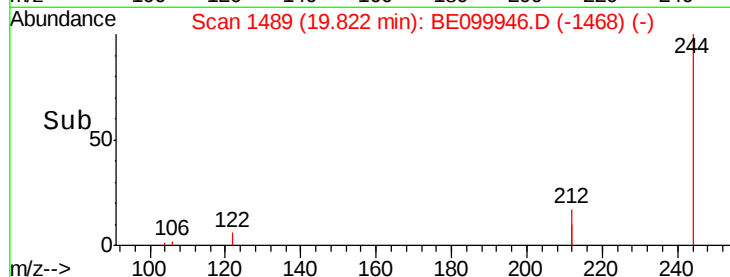
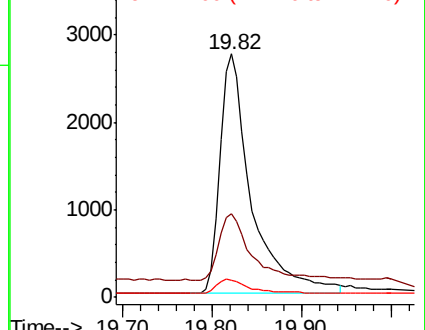
122 7.3 5.5 8.3



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: 0.403 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

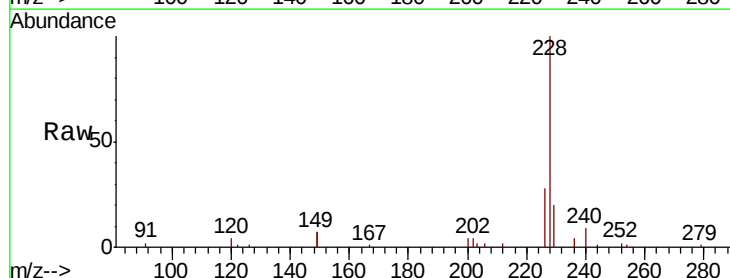
Tgt Ion:228 Resp: 9919

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

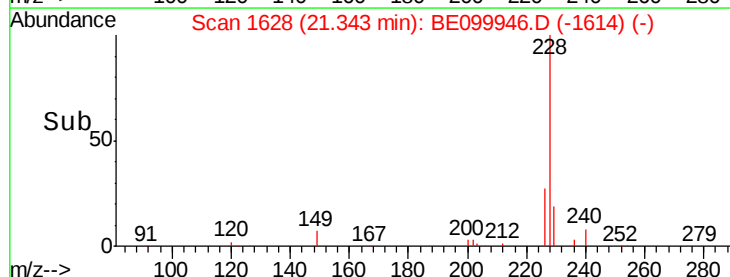
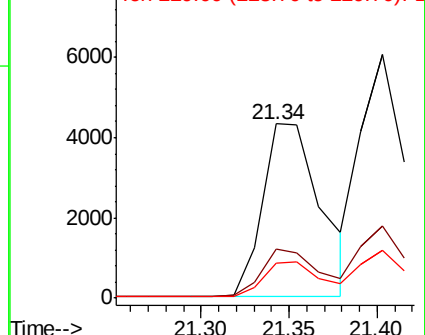
229 19.7 15.9 23.9



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: 0.452 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

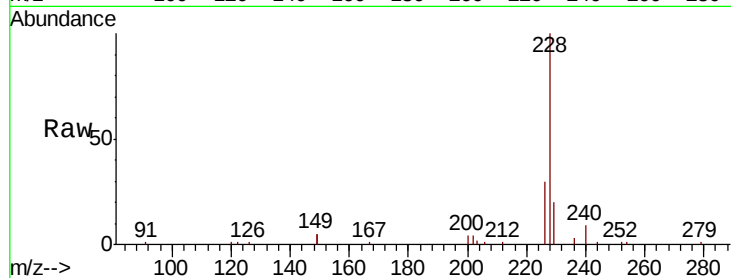
Tgt Ion:228 Resp: 11492

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

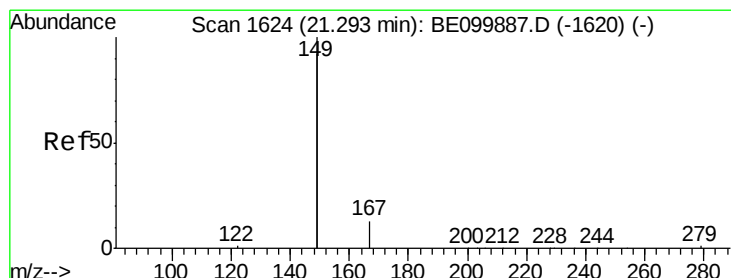
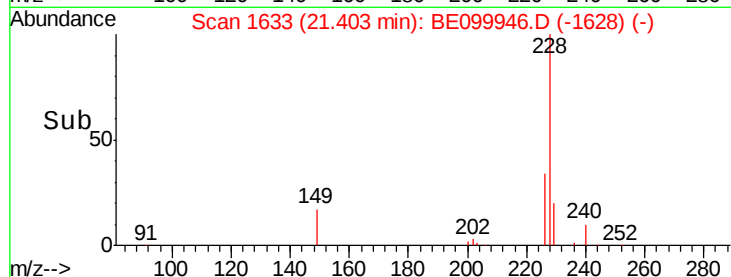
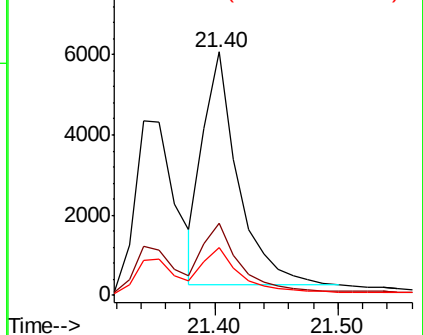
229 19.9 16.1 24.1



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: 0.325 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

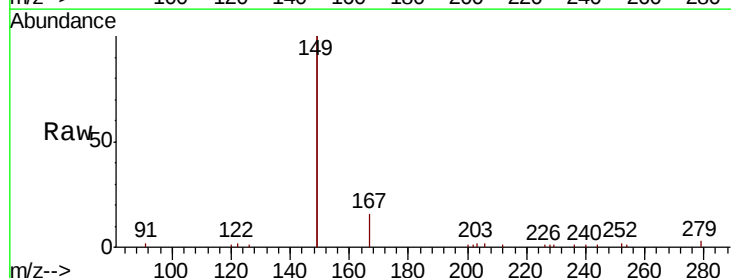
Tgt Ion:149 Resp: 11483

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

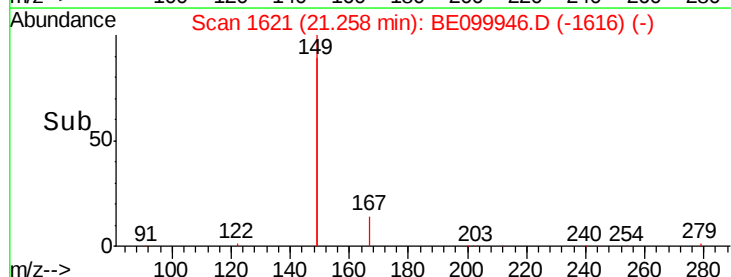
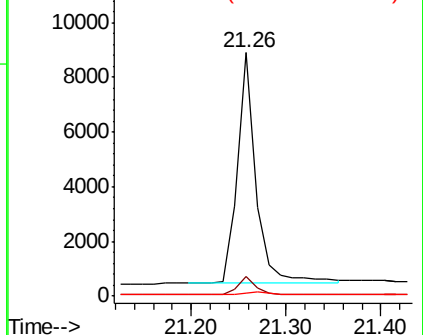
279 1.3 1.2 1.8

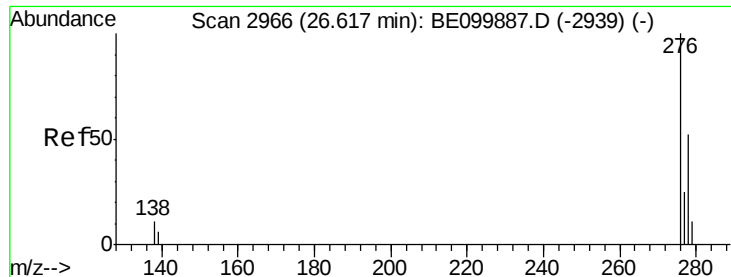


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.385 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.10 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

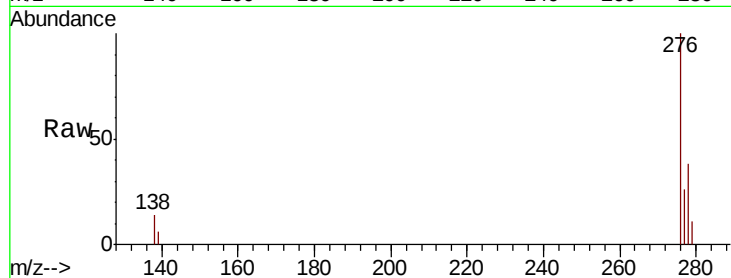
Tgt Ion:276 Resp: 11621

Ion Ratio Lower Upper

276 100

138 8.5 10.1 15.1#

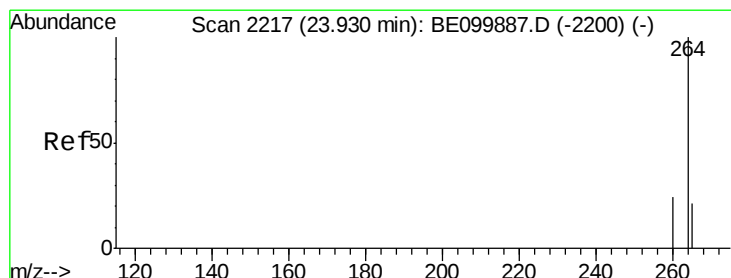
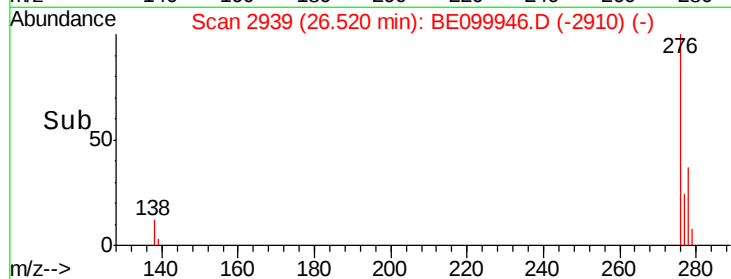
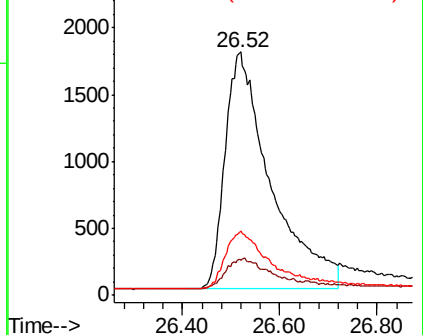
277 23.1 19.1 28.7



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: 23.86 min Scan# 2197

Delta R.T. -0.07 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

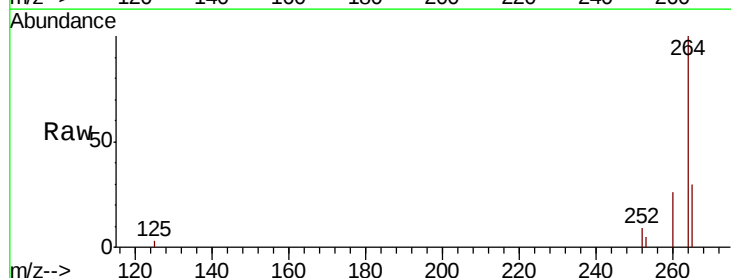
Tgt Ion:264 Resp: 9335

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

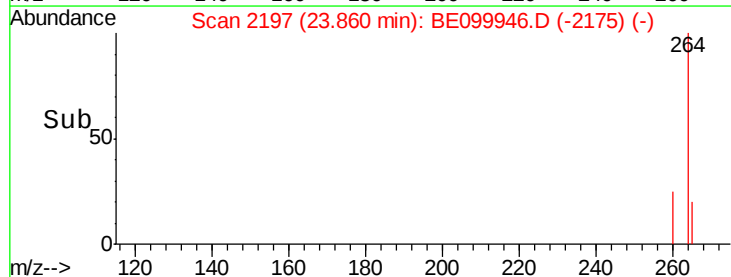
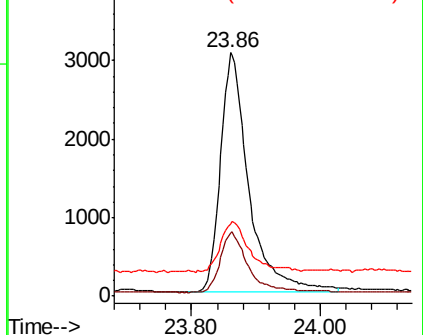
265 29.7 22.0 33.0



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

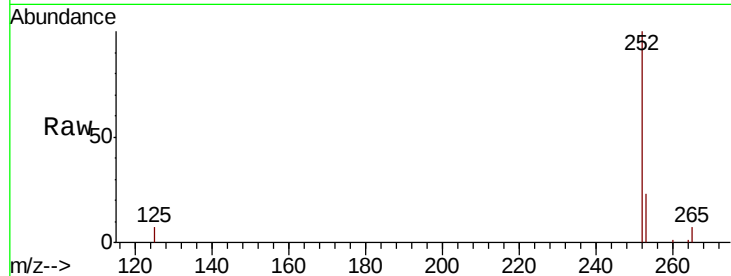




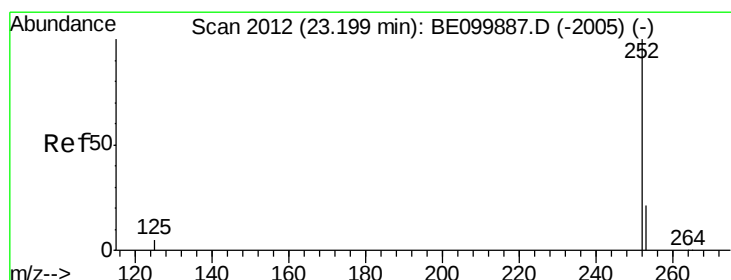
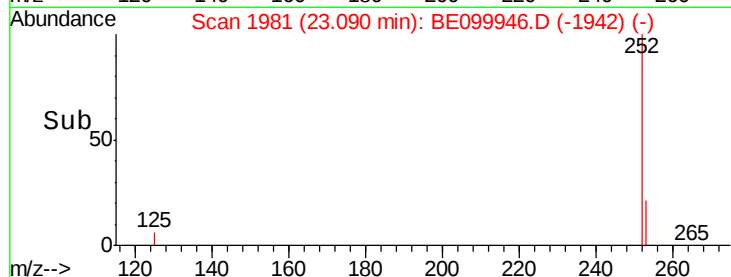
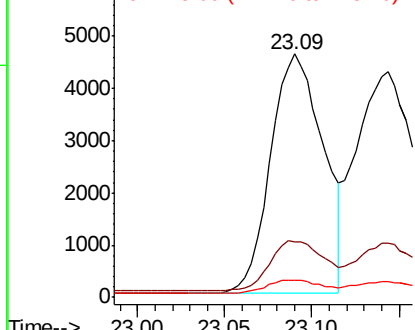
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.06 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9571
Ion Ratio Lower Upper
252 100
253 22.9 18.7 28.1
125 7.1 5.7 8.5

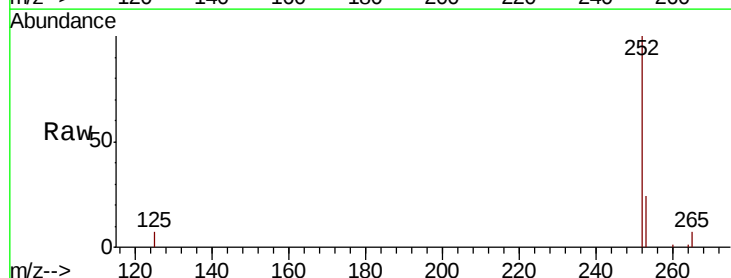


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

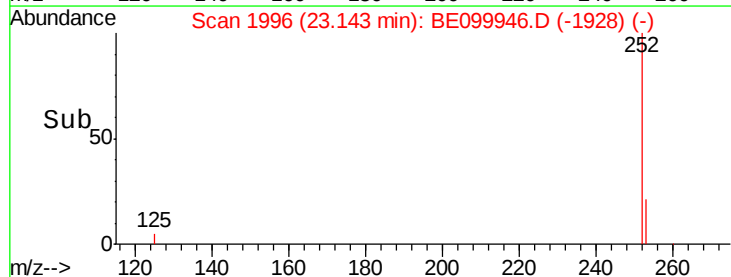
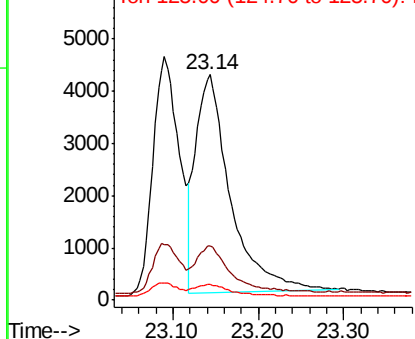


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:252 Resp: 11788
Ion Ratio Lower Upper
252 100
253 24.1 18.6 28.0
125 6.9 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: 0.395 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.07 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

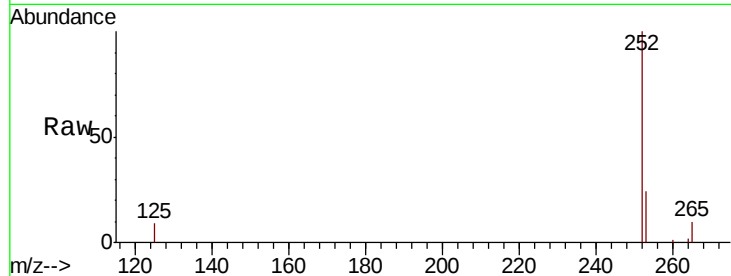
Tgt Ion:252 Resp: 10171

Ion Ratio Lower Upper

252 100

253 24.1 19.6 29.4

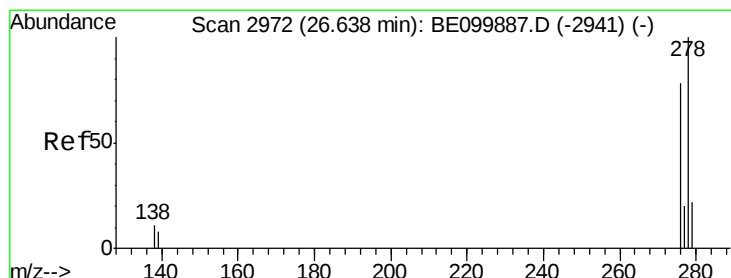
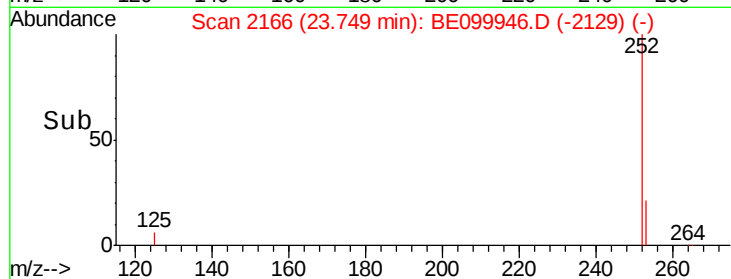
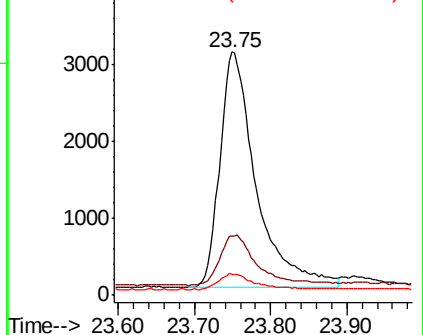
125 8.5 6.6 10.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.322 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.09 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

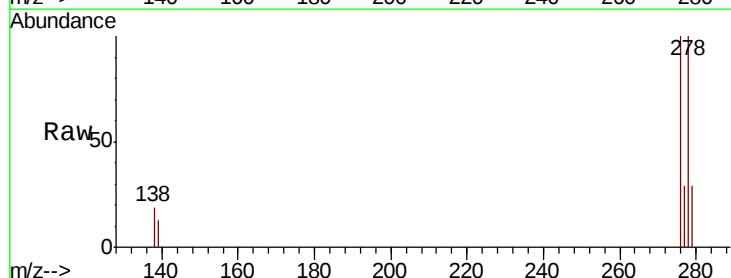
Tgt Ion:278 Resp: 8362

Ion Ratio Lower Upper

278 100

139 13.0 7.8 11.8#

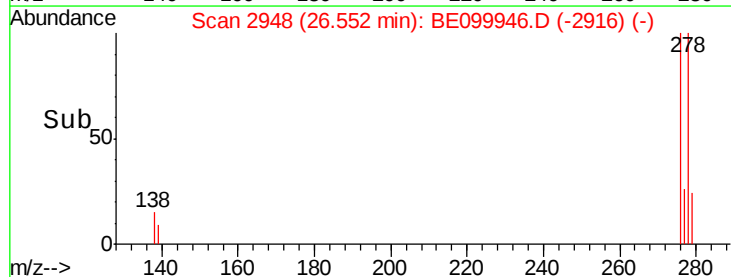
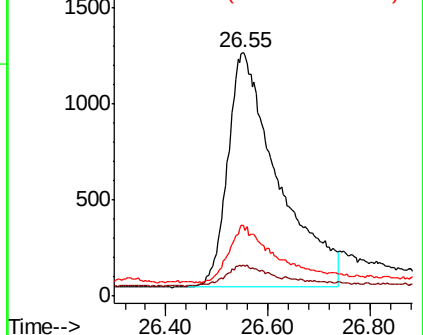
279 29.0 20.0 30.0



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: 0.385 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.11 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

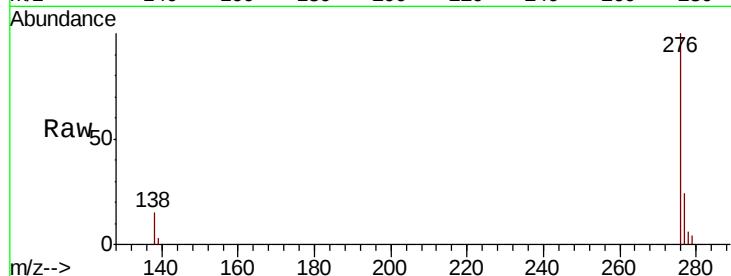
Tgt Ion: 276 Resp: 10315

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 15.0 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

