

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099925.D
 Acq On : 11 Jun 2019 15:43
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 12 03:43:37 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	659	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2600	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2215	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	7656	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	9485	0.40	ng	-0.04
34) Perylene-d12	23.86	264	10978	0.40	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	665	0.37	ng	0.00
5) Phenol-d6	6.96	99	936	0.41	ng	0.00
8) Nitrobenzene-d5	8.95	82	865	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	1874	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	481	0.29	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3156	0.38	ng	-0.03
25) Fluoranthene-d10	19.21	212	38946	0.35	ng	-0.04
29) Terphenyl-d14	19.82	244	7434	0.44	ng	-0.03

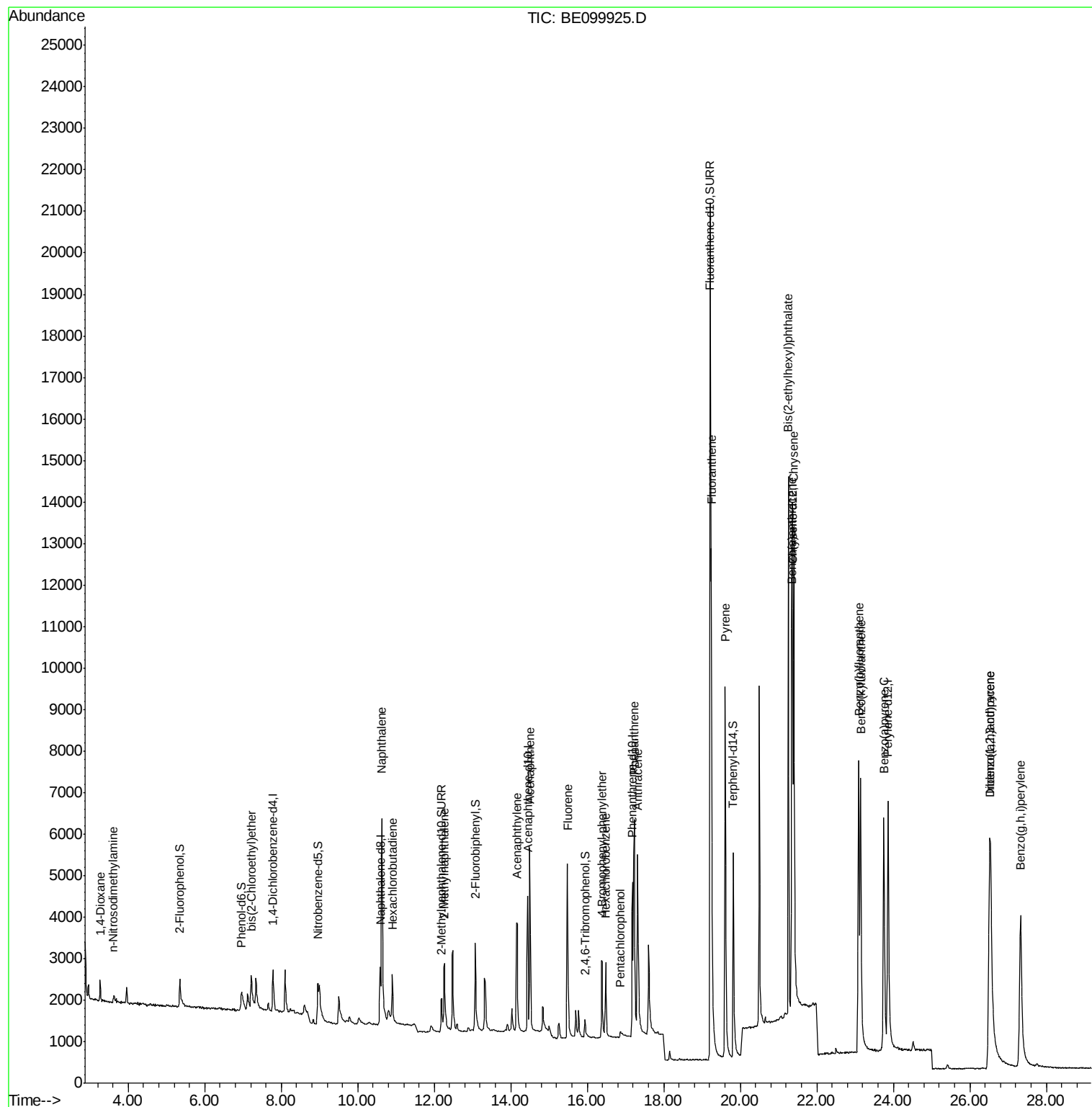
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	408	0.418	ng	92
3) n-Nitrosodimethylamine	3.61	42	140	0.249	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	774	0.414	ng	# 72
9) Naphthalene	10.63	128	11724	0.418	ng	100
10) Hexachlorobutadiene	10.90	225	899	0.420	ng	100
12) 2-Methylnaphthalene	12.27	142	1855	0.407	ng	97
16) Acenaphthylene	14.17	152	4270	0.387	ng	98
17) Acenaphthene	14.50	154	2298	0.383	ng	98
18) Fluorene	15.49	166	3685	0.409	ng	97
20) 4-Bromophenyl-phenylether	16.38	248	1664	0.384	ng	92
21) Hexachlorobenzene	16.48	284	1753	0.395	ng	99
22) Pentachlorophenol	16.87	266	259	0.421	ng	94
23) Phenanthrene	17.23	178	7143	0.384	ng	99
24) Anthracene	17.32	178	6177	0.363	ng	99
26) Fluoranthene	19.24	202	11240	0.356	ng	100
28) Pyrene	19.61	202	11488	0.461	ng	100
30) Benzo(a)anthracene	21.34	228	11516	0.406	ng	99
31) Chrysene	21.40	228	12526	0.427	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	15286	0.376	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	14273	0.411	ng	98
35) Benzo(b)fluoranthene	23.09	252	11720	0.381	ng	98
36) Benzo(k)fluoranthene	23.14	252	13281	0.413	ng	99
37) Benzo(a)pyrene	23.75	252	11857	0.391	ng	# 97
38) Dibenzo(a,h)anthracene	26.54	278	10887	0.357	ng	96
39) Benzo(g,h,i)perylene	27.33	276	12463	0.395	ng	97

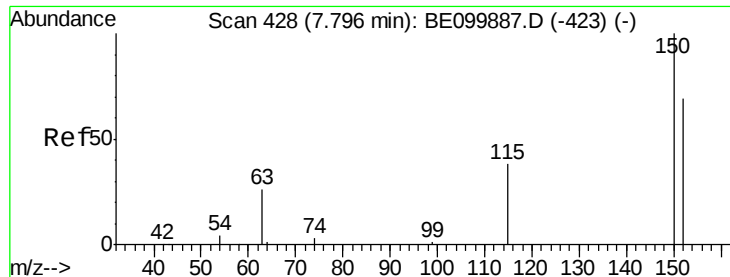
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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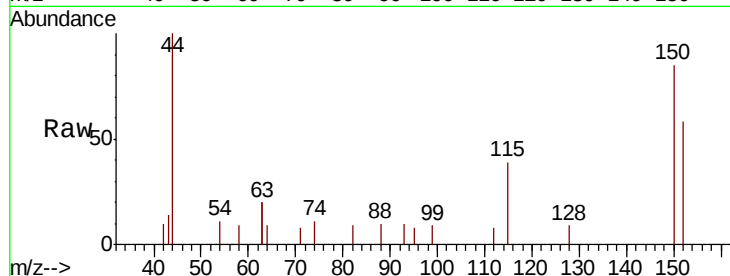


#1

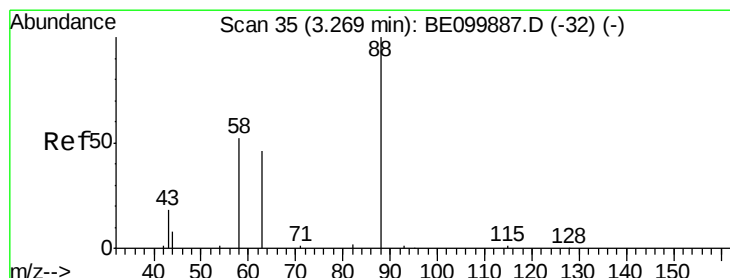
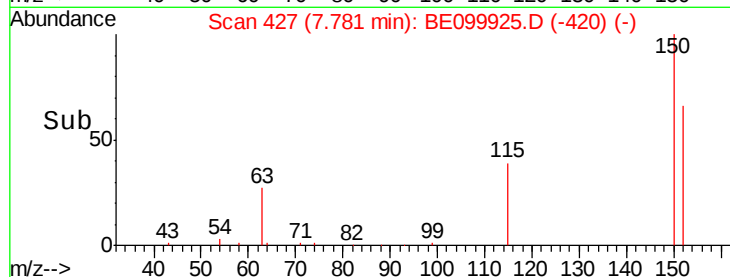
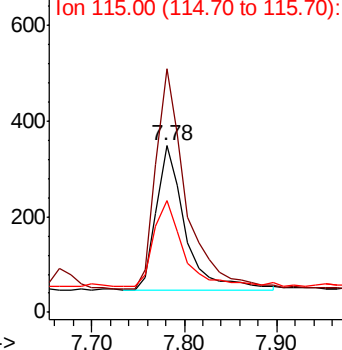
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 659
Ion Ratio Lower Upper
152 100
150 145.8 111.0 166.6
115 67.3 50.7 76.1



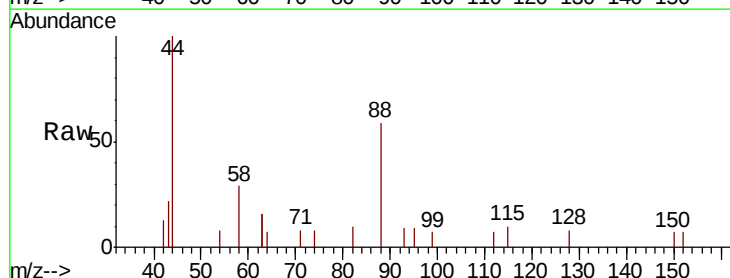
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



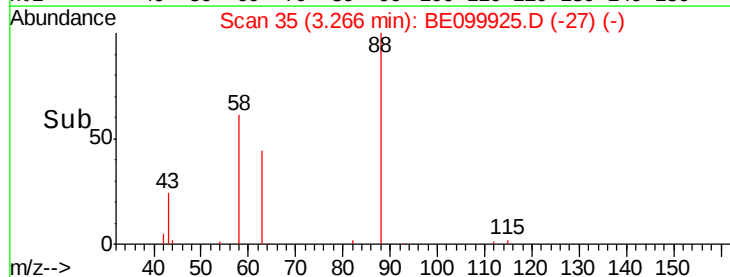
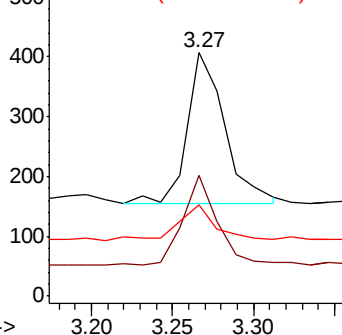
#2

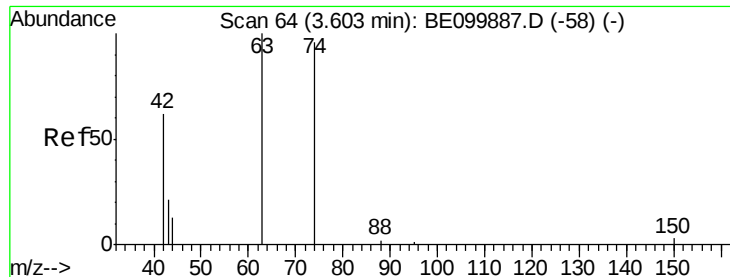
1,4-Dioxane
Concen: 0.418 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion: 88 Resp: 408
Ion Ratio Lower Upper
88 100
58 53.9 48.8 73.2
43 21.1 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: 0.249 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

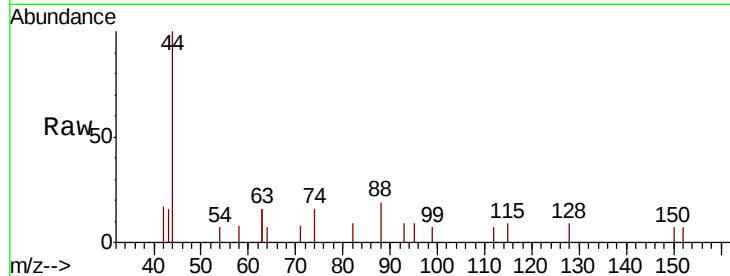
Tgt Ion: 42 Resp: 140

Ion Ratio Lower Upper

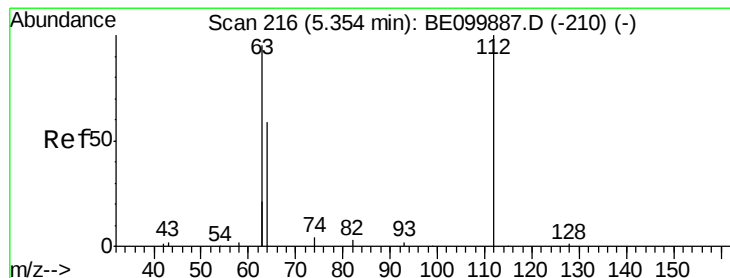
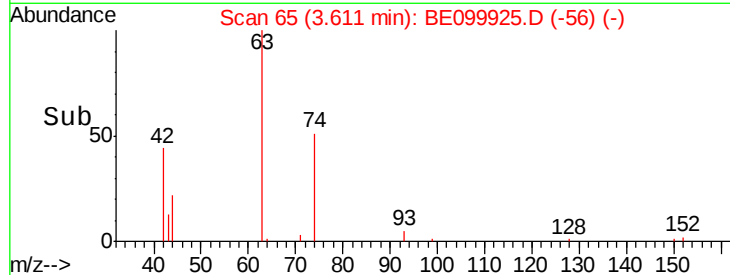
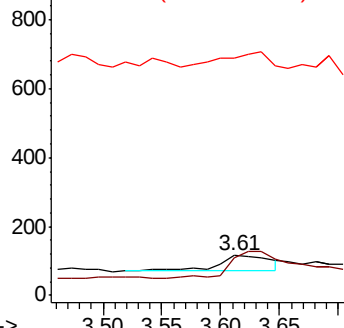
42 100

74 0.0 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: 0.374 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

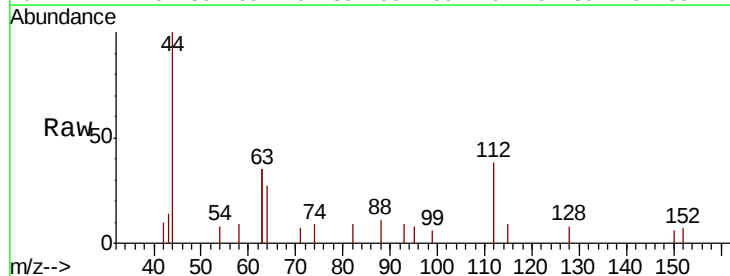
Tgt Ion: 112 Resp: 665

Ion Ratio Lower Upper

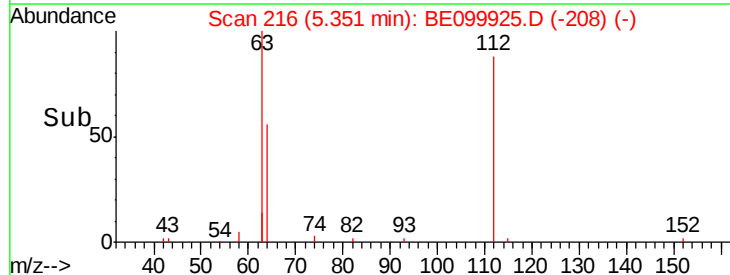
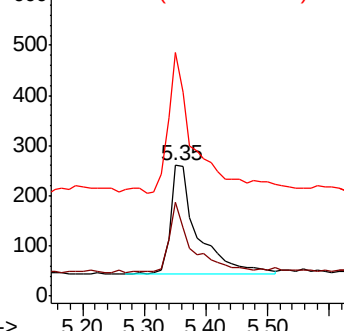
112 100

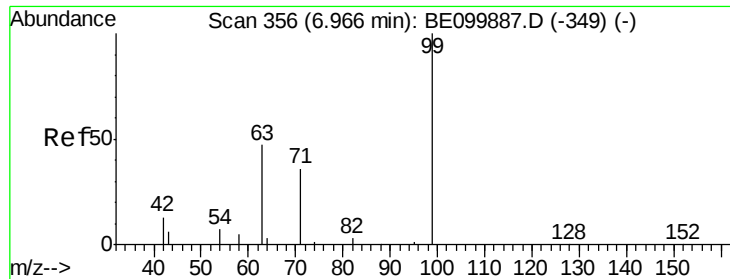
64 52.3 44.1 66.1

63 115.8 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: 0.409 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

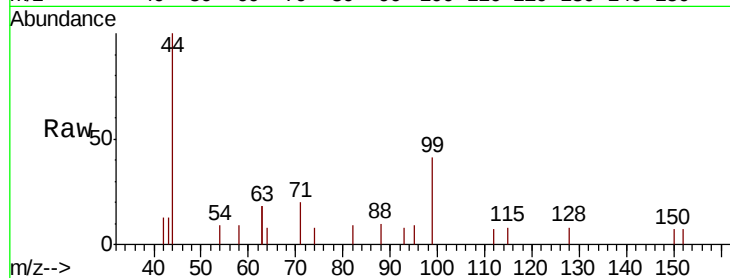
Tgt Ion: 99 Resp: 936

Ion Ratio Lower Upper

99 100

42 11.9 15.9 23.9#

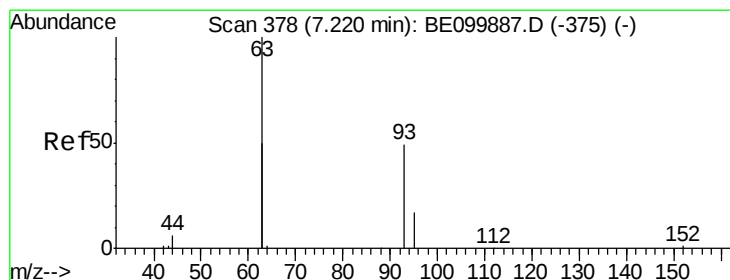
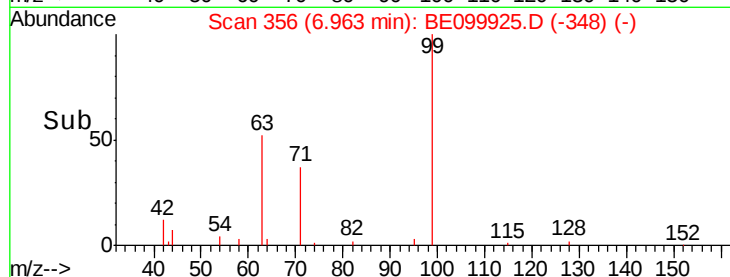
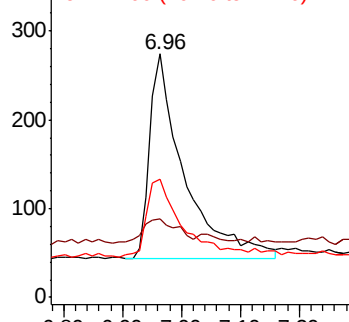
71 38.4 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.414 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

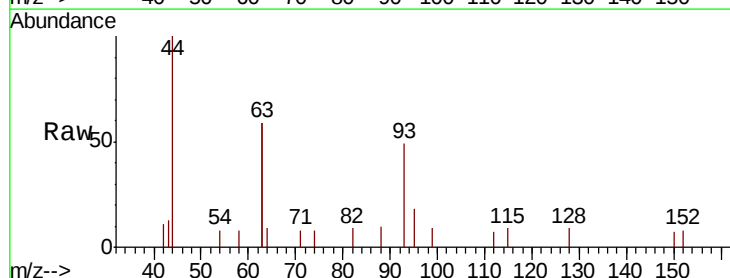
Tgt Ion: 93 Resp: 774

Ion Ratio Lower Upper

93 100

63 199.2 202.8 304.2#

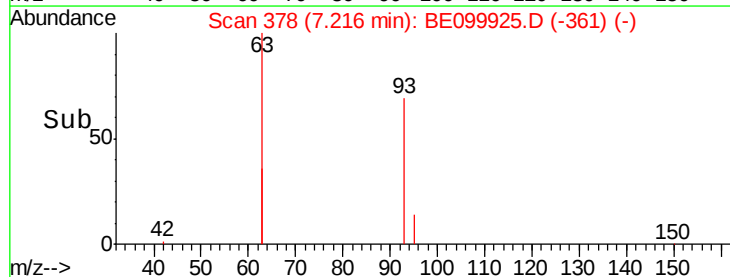
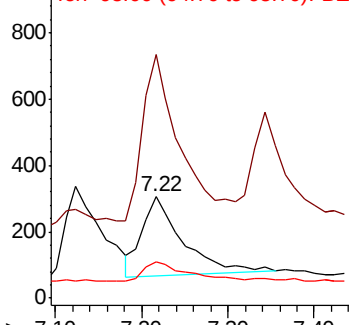
95 26.1 23.7 35.5

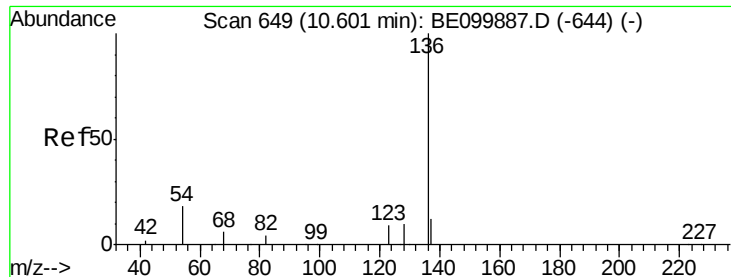


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 2600

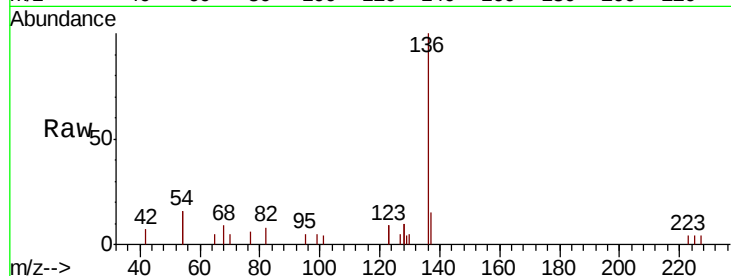
Ion Ratio Lower Upper

136 100

137 14.9 12.3 18.5

54 32.8 28.2 42.4

68 8.7 7.8 11.8

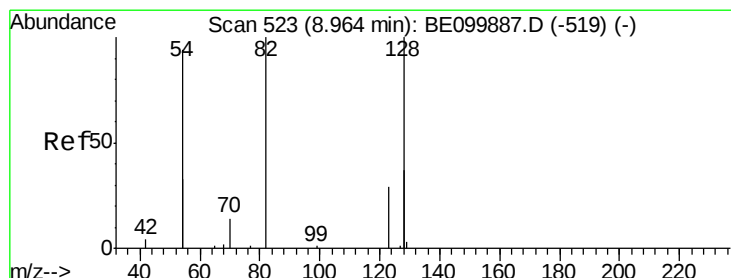
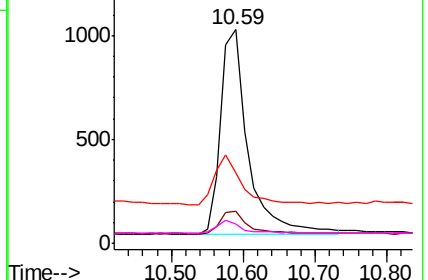
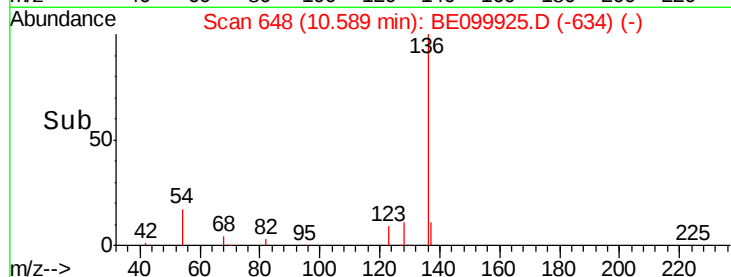


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.351 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

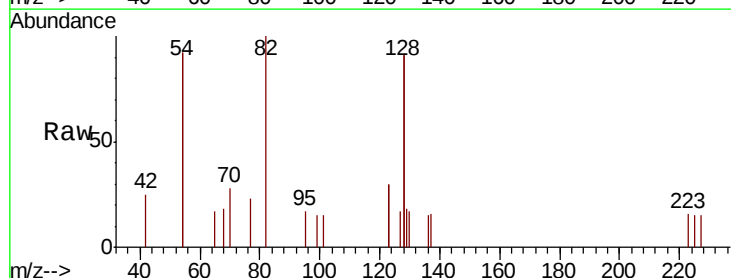
Tgt Ion: 82 Resp: 865

Ion Ratio Lower Upper

82 100

128 181.7 137.3 205.9

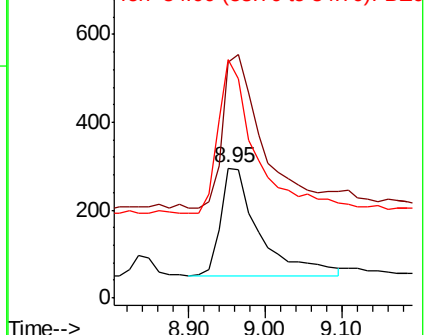
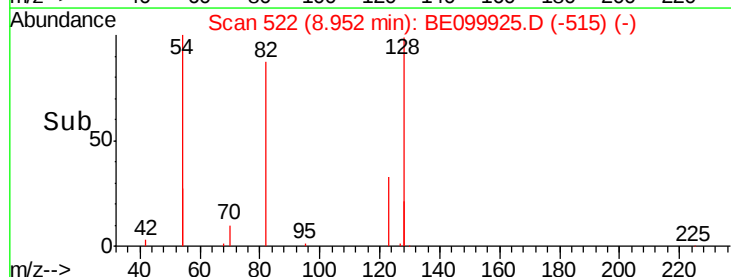
54 183.7 129.7 194.5

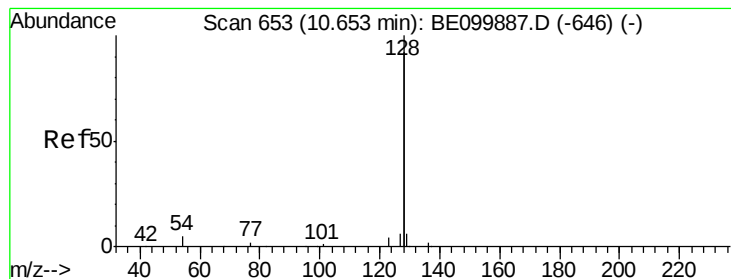


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.418 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

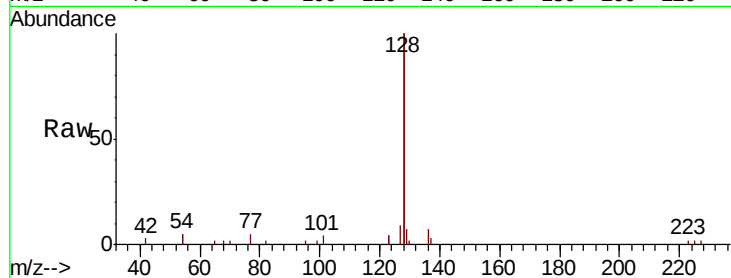
Tgt Ion:128 Resp: 11724

Ion Ratio Lower Upper

128 100

129 3.6 3.0 4.6

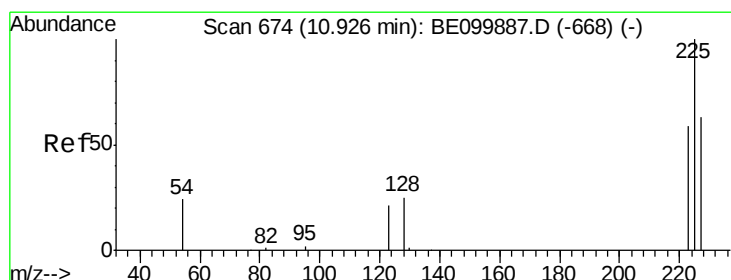
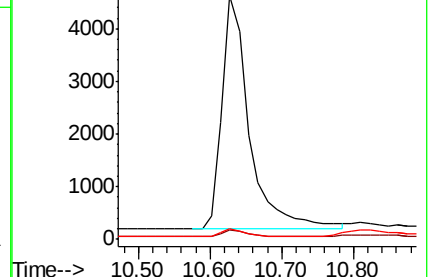
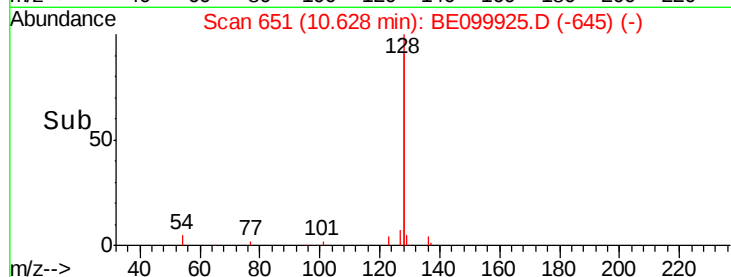
127 4.3 3.4 5.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.420 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

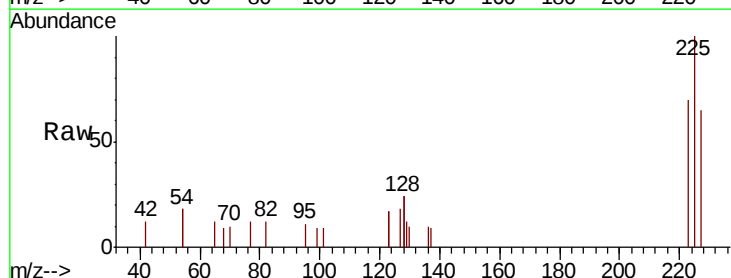
Tgt Ion:225 Resp: 899

Ion Ratio Lower Upper

225 100

223 64.7 51.6 77.4

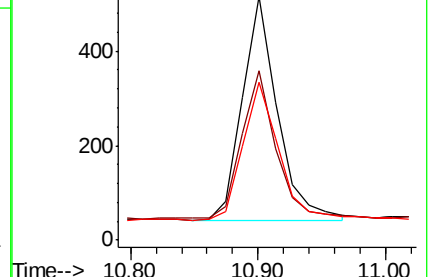
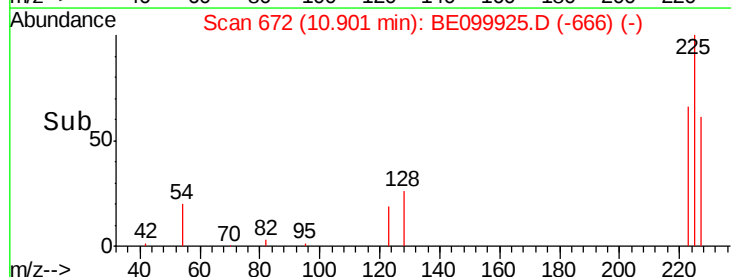
227 63.1 50.6 76.0

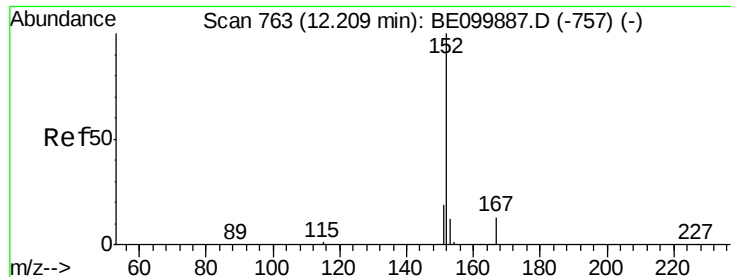


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

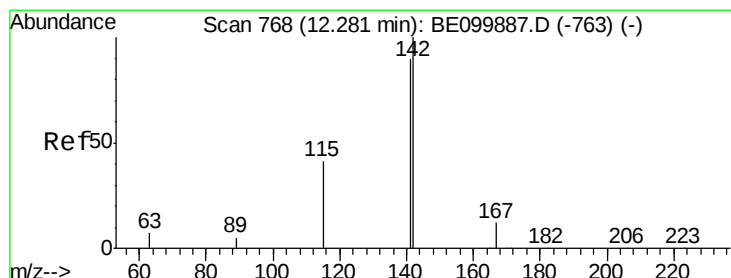
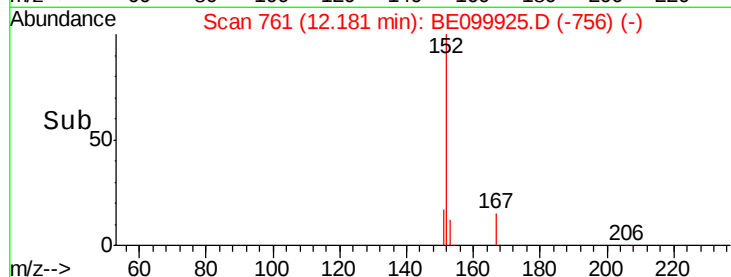
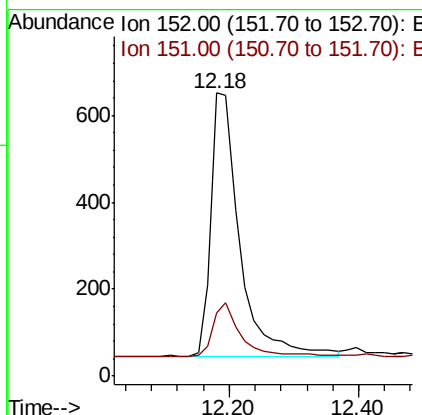
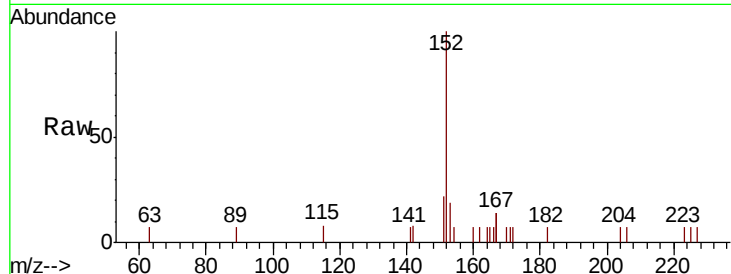




#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BE099925.D
 Acq: 11 Jun 2019 15:43

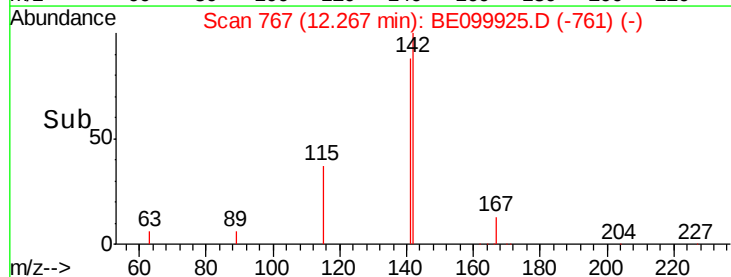
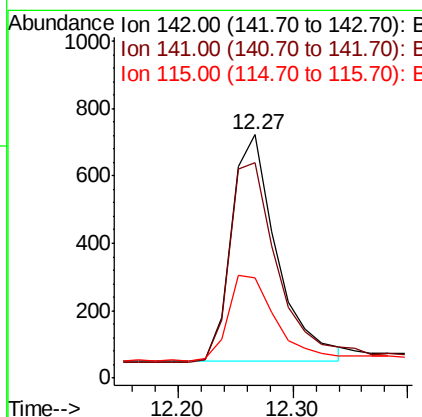
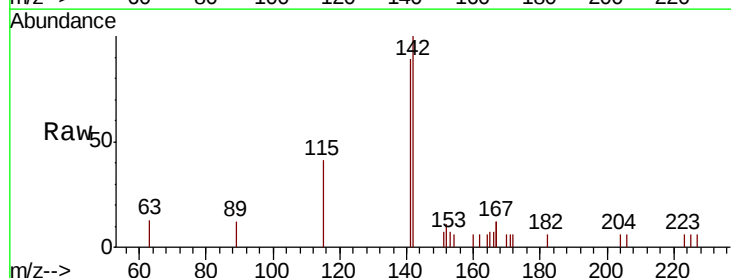
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

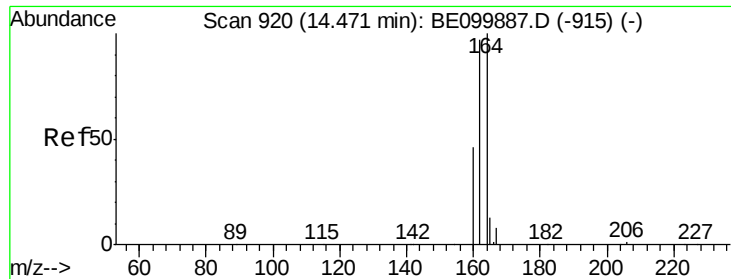
Tgt Ion:152 Resp: 1874
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.407 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BE099925.D
 Acq: 11 Jun 2019 15:43

Tgt Ion:142 Resp: 1855
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.3 108.5
 115 41.4 36.4 54.6

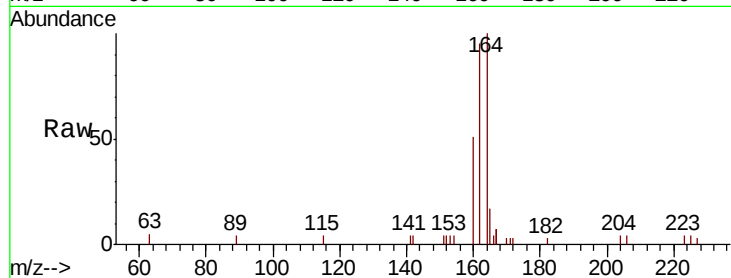




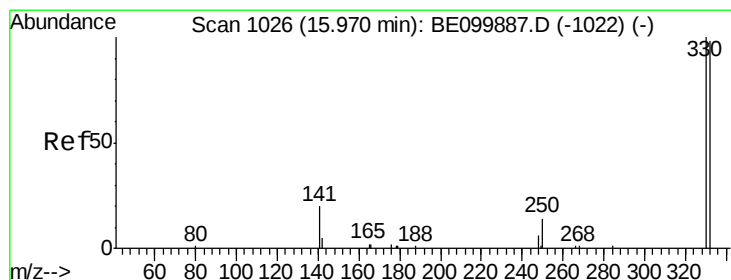
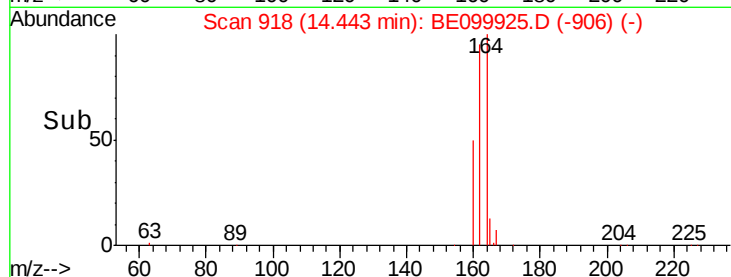
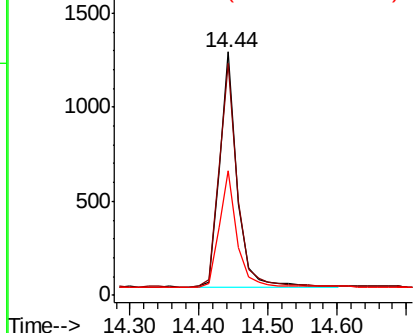
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2215
Ion Ratio Lower Upper
164 100
162 95.4 77.8 116.8
160 51.2 38.2 57.4

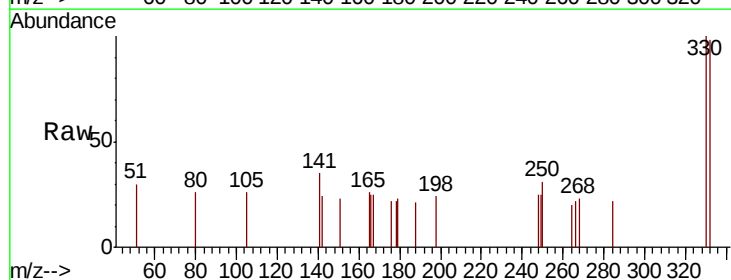


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

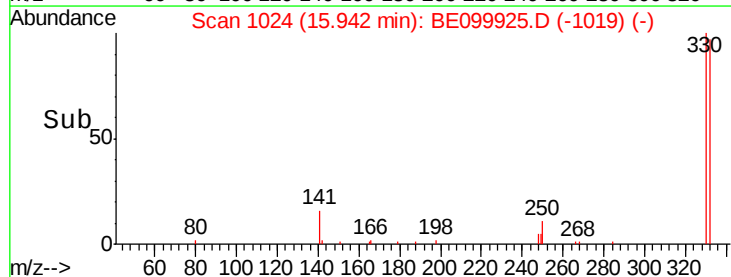
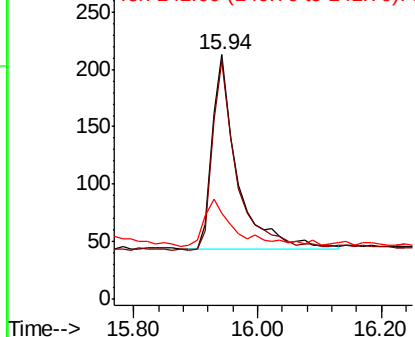


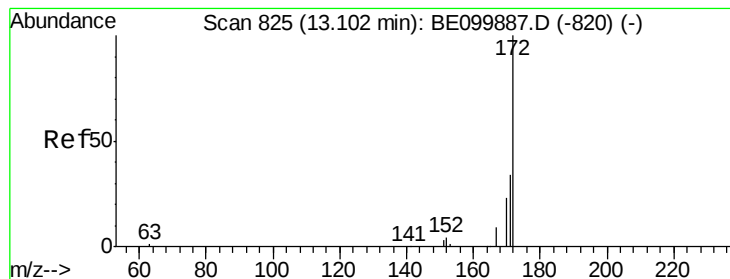
#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:330 Resp: 481
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 29.3 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: 0.376 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

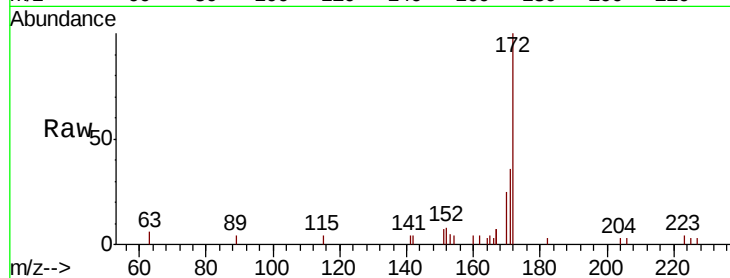
Tgt Ion:172 Resp: 3156

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

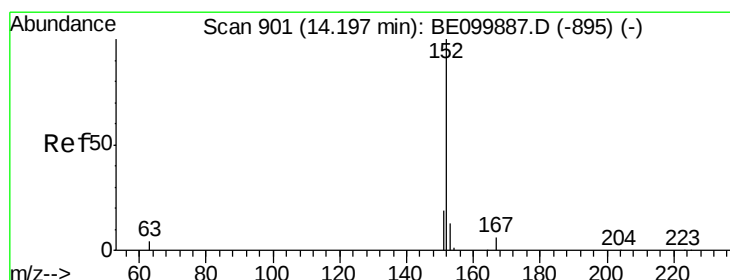
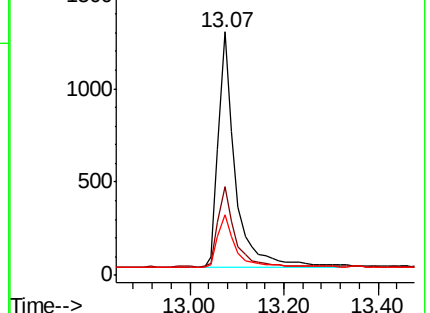
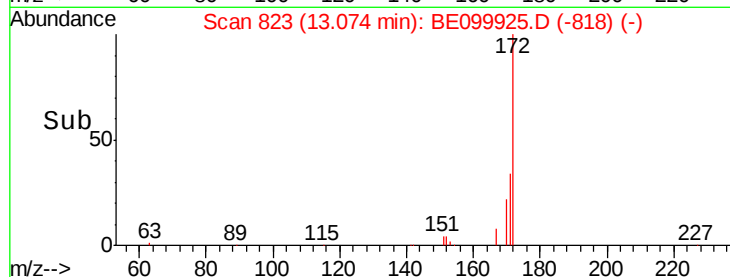
170 25.1 21.2 31.8



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: 0.387 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

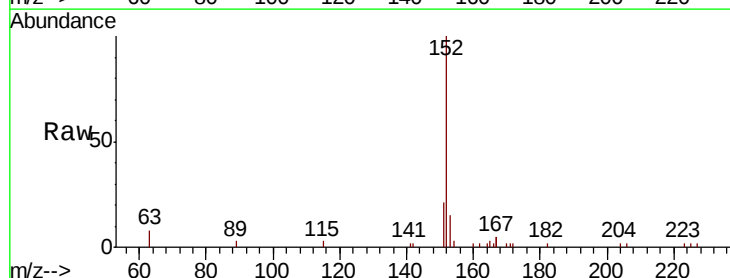
Tgt Ion:152 Resp: 4270

Ion Ratio Lower Upper

152 100

151 20.3 15.5 23.3

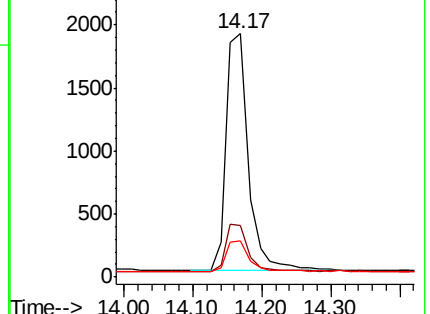
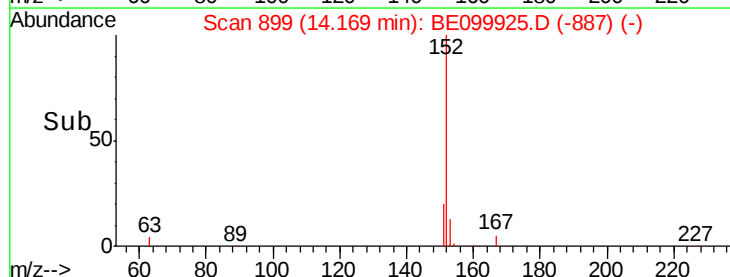
153 13.0 10.2 15.2

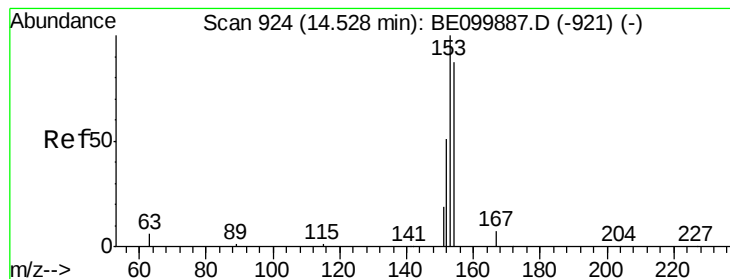


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.50 min Scan# 922

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

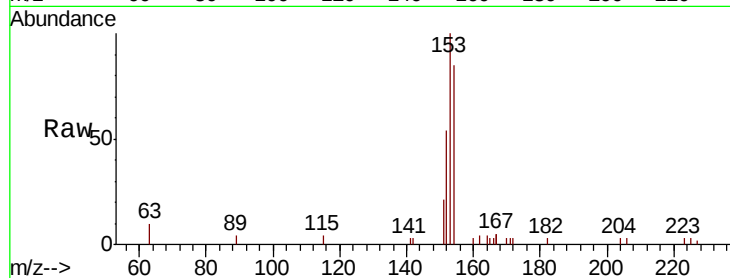
Tgt Ion:154 Resp: 2298

Ion Ratio Lower Upper

154 100

153 117.6 93.1 139.7

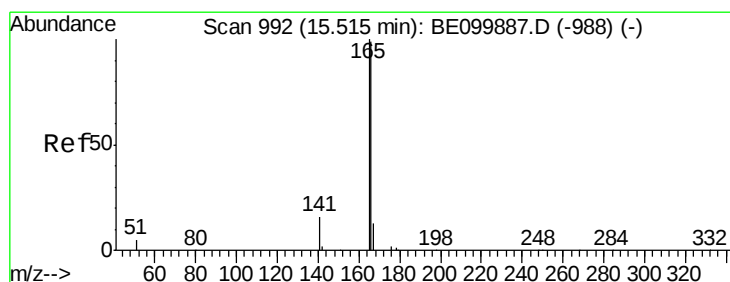
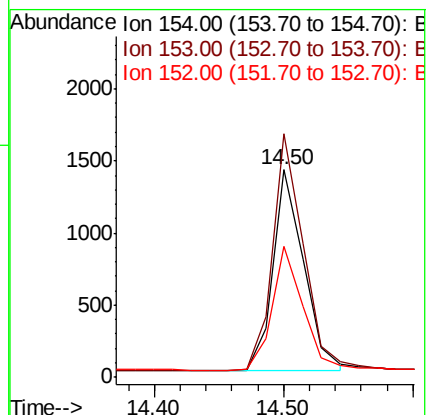
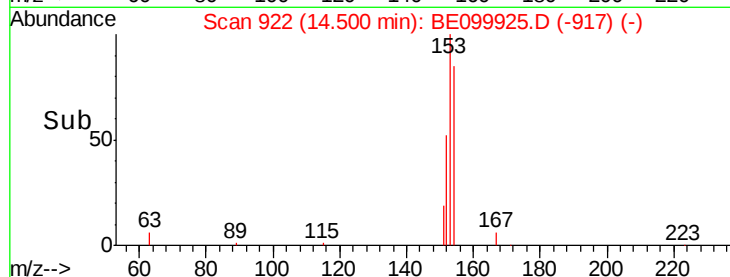
152 62.0 47.0 70.4



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: 0.409 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

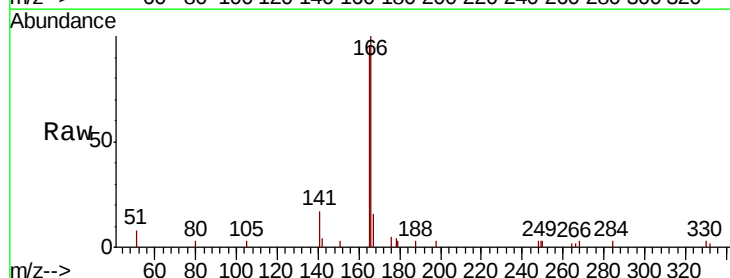
Tgt Ion:166 Resp: 3685

Ion Ratio Lower Upper

166 100

165 98.7 81.8 122.8

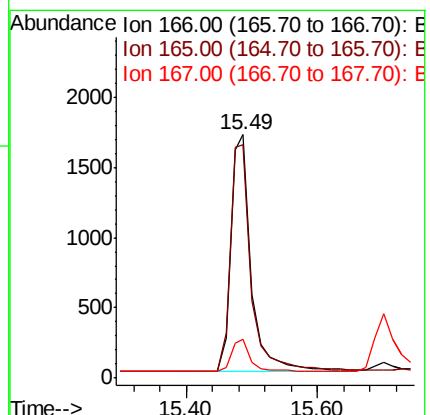
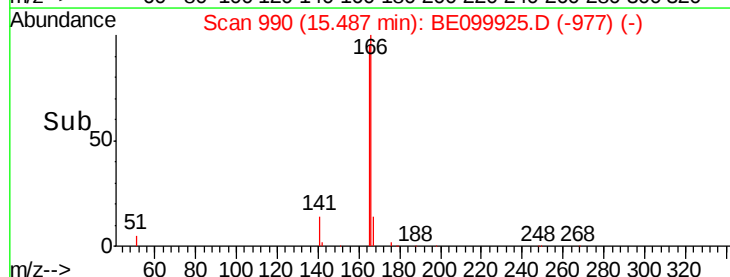
167 13.2 11.2 16.8

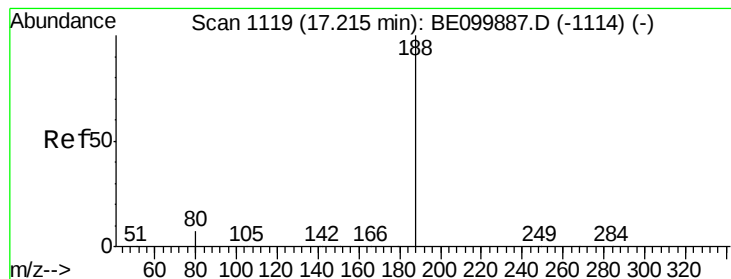


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

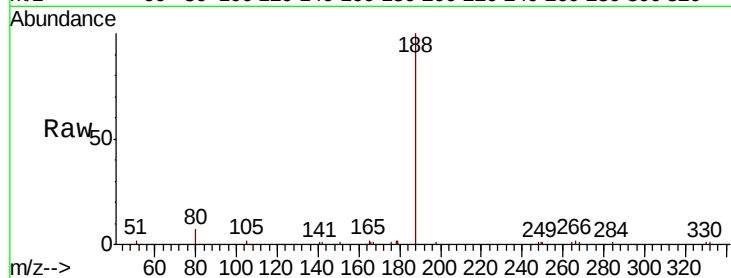
Tgt Ion:188 Resp: 7656

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

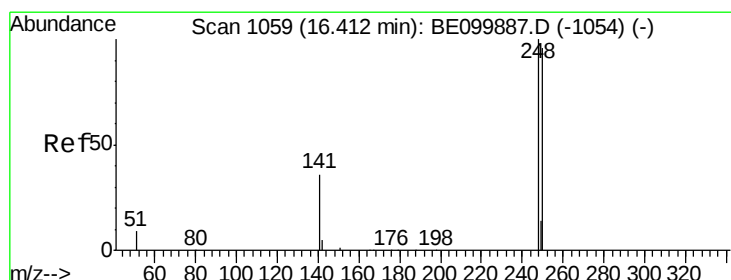
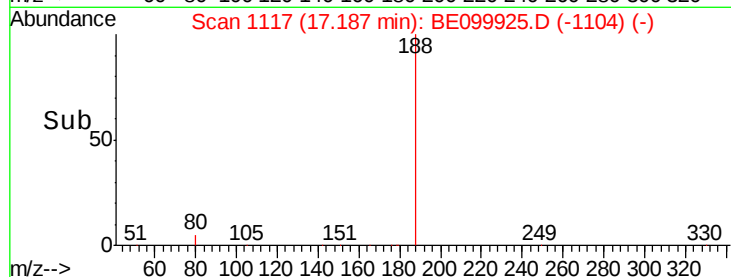
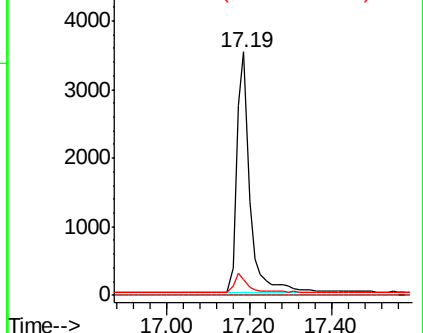
80 6.7 6.4 9.6



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: 0.384 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

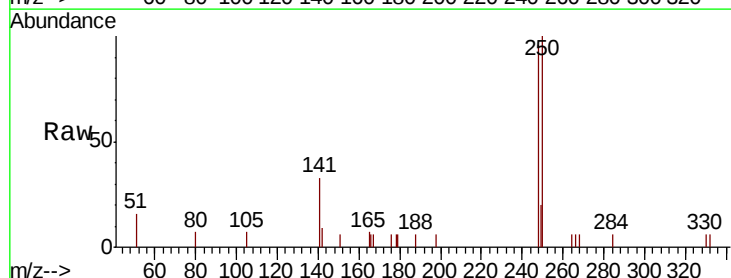
Tgt Ion:248 Resp: 1664

Ion Ratio Lower Upper

248 100

250 104.6 77.5 116.3

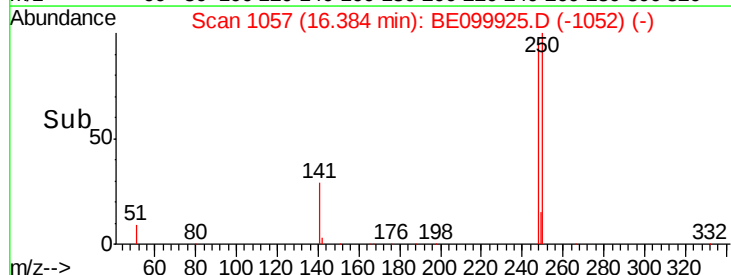
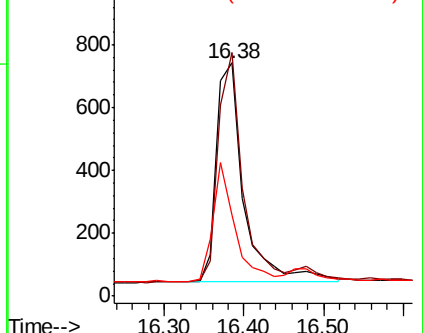
141 34.8 31.8 47.8

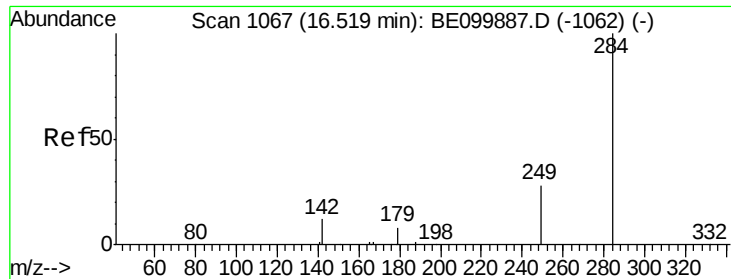


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

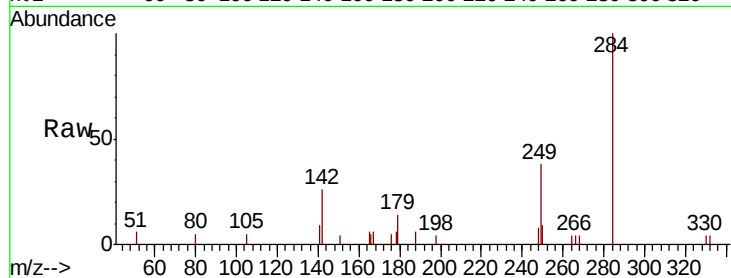




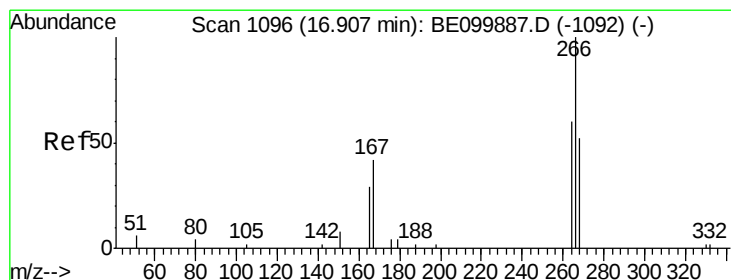
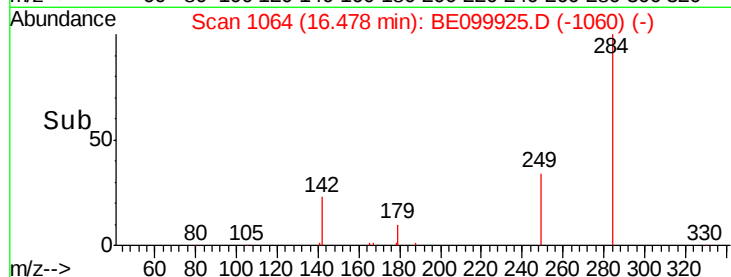
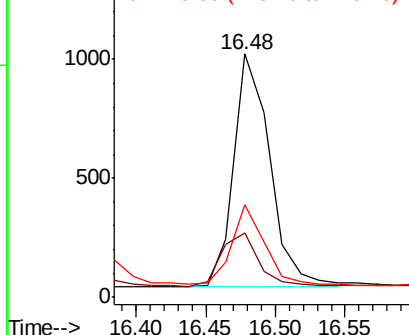
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.48 min Scan# 1064
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 1753
Ion Ratio Lower Upper
284 100
142 23.6 18.2 27.4
249 30.2 24.6 37.0

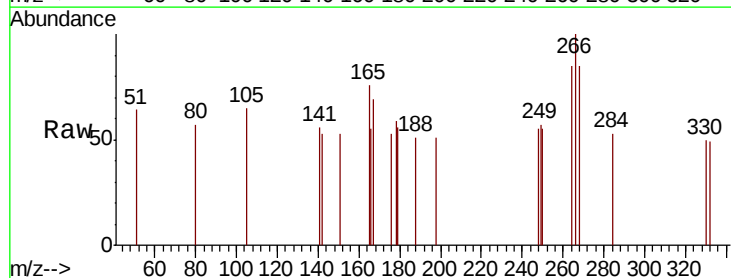


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

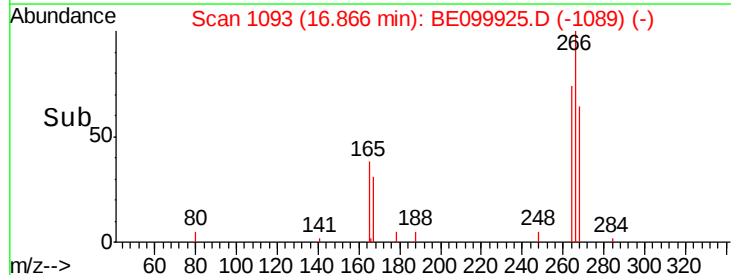
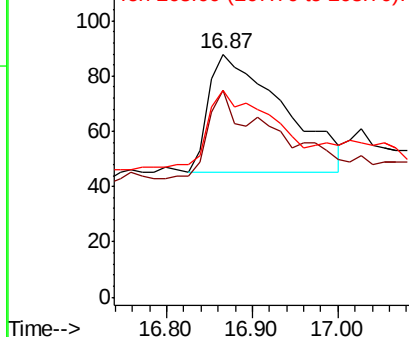


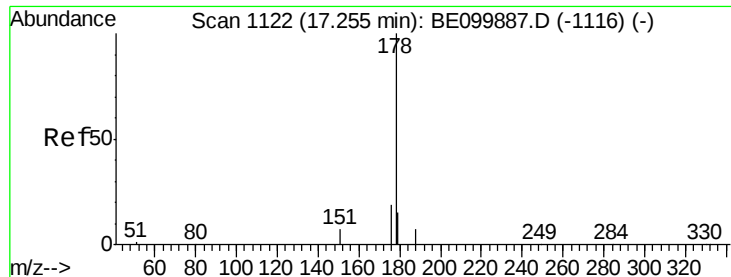
#22
Pentachlorophenol
Concen: 0.421 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion: 266 Resp: 259
Ion Ratio Lower Upper
266 100
264 85.2 62.2 93.2
268 85.2 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: 0.384 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

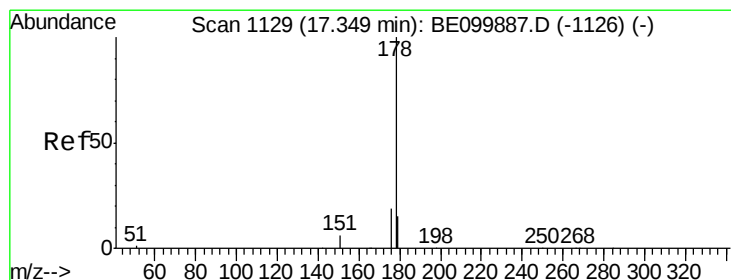
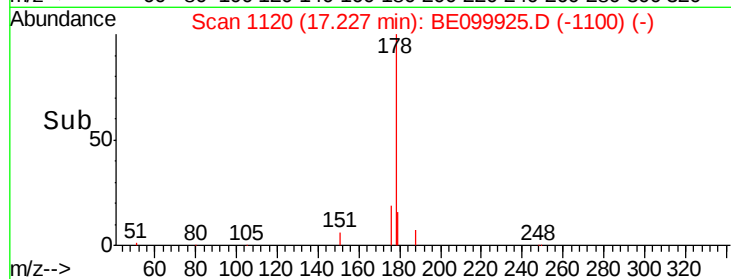
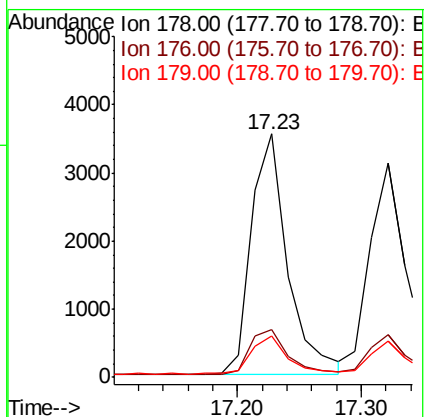
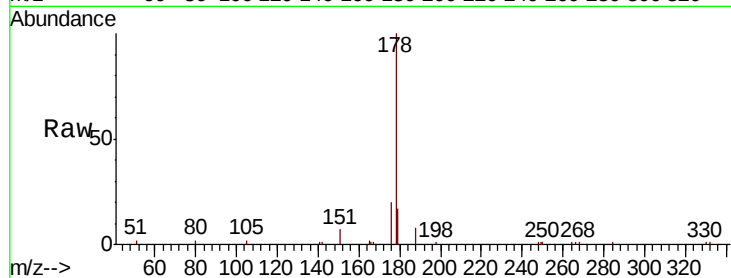
Tgt Ion:178 Resp: 7143

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.4 12.4 18.6



#24

Anthracene

Concen: 0.363 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

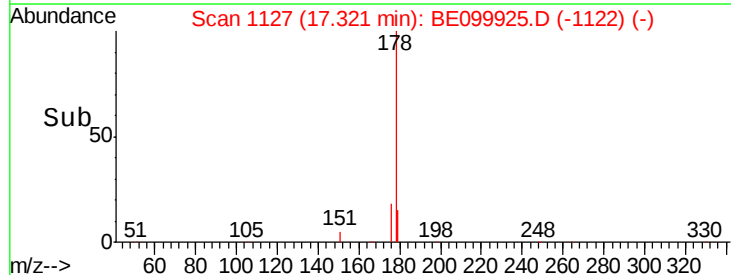
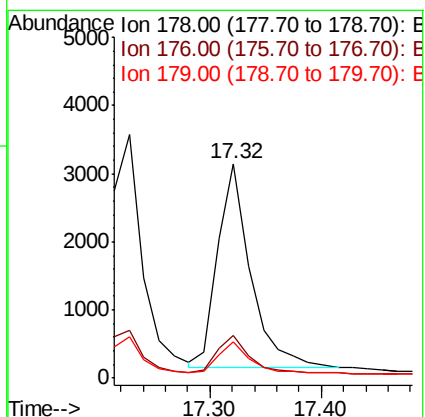
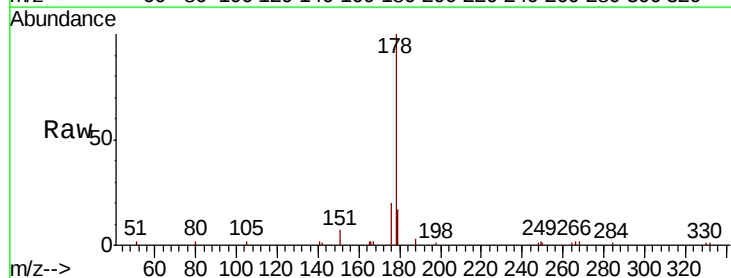
Tgt Ion:178 Resp: 6177

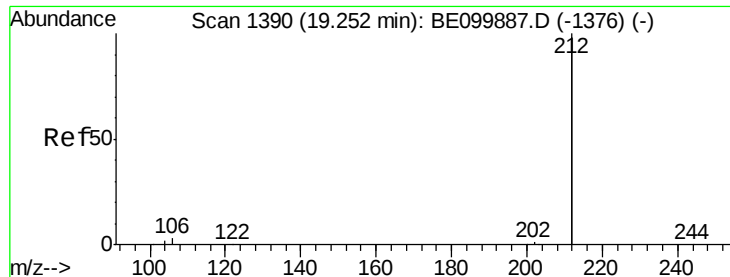
Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

179 14.2 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.04 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

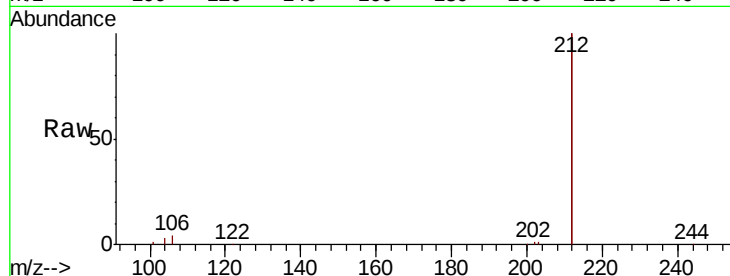
Tgt Ion:212 Resp: 38946

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

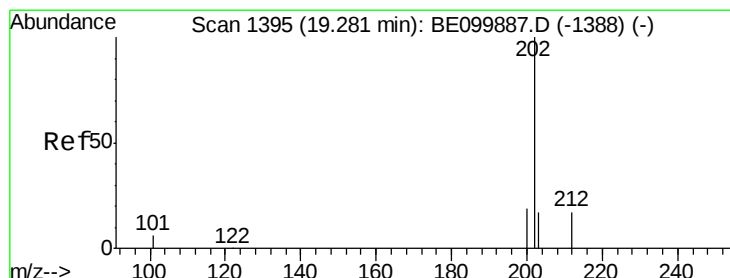
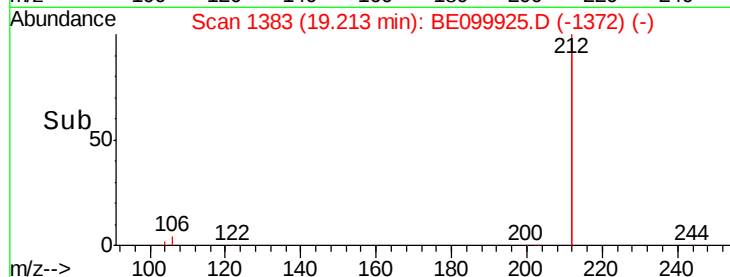
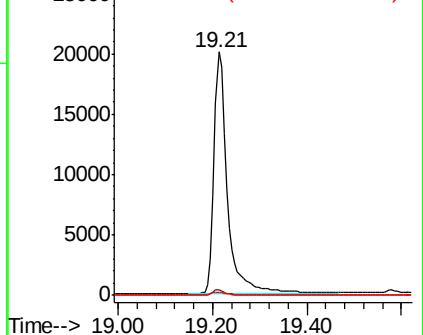
104 1.1 0.9 1.3



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: 0.356 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.04 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

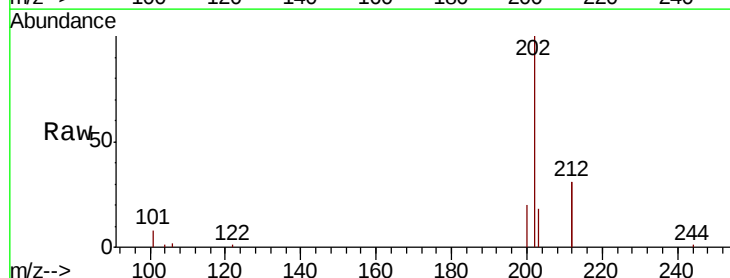
Tgt Ion:202 Resp: 11240

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.0

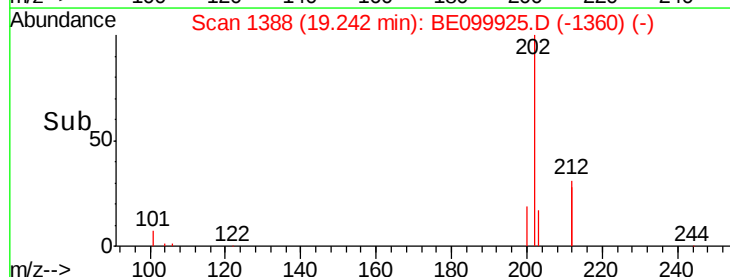
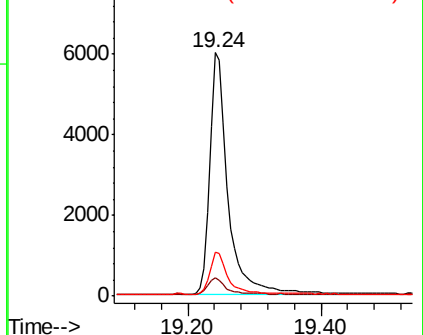
203 16.7 13.2 19.8

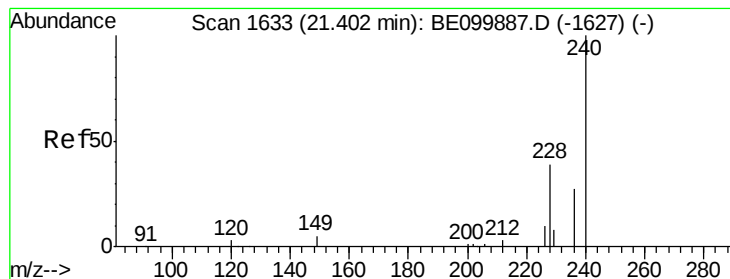


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

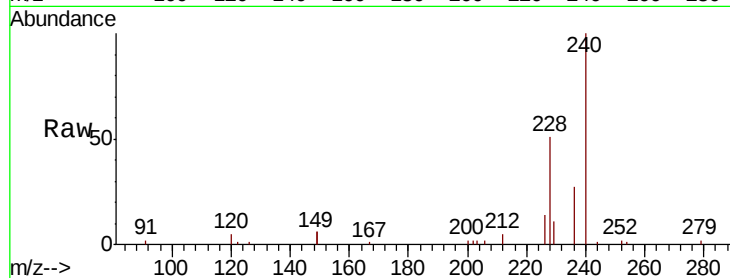
Tgt Ion:240 Resp: 9485

Ion Ratio Lower Upper

240 100

120 5.1 3.8 5.6

236 27.1 22.0 33.0

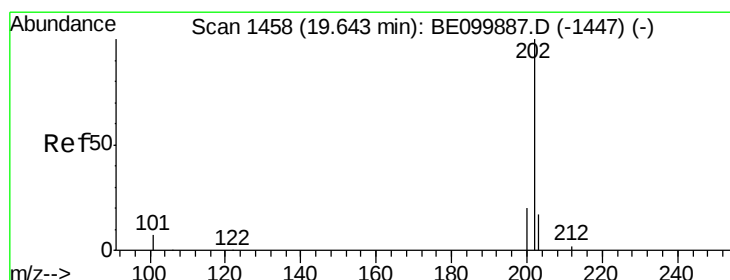
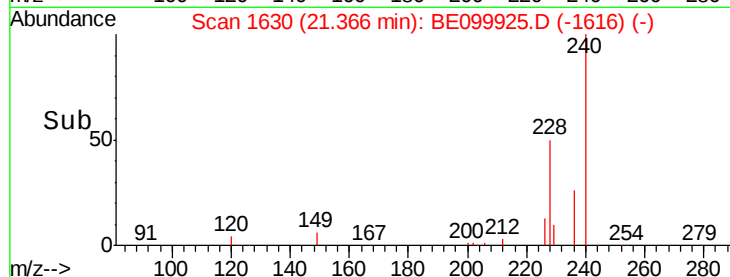
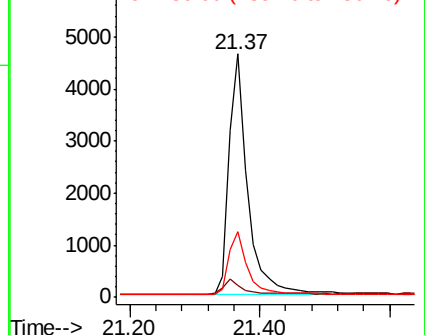


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.461 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

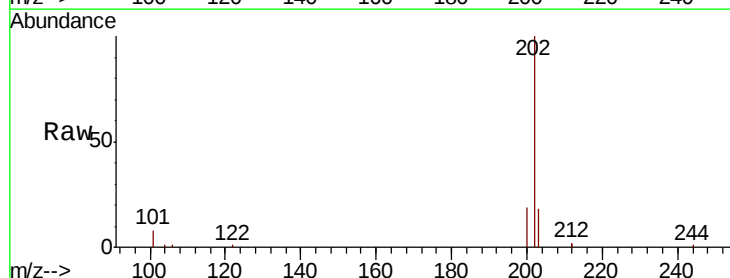
Tgt Ion:202 Resp: 11488

Ion Ratio Lower Upper

202 100

200 19.1 15.5 23.3

203 17.6 14.0 21.0

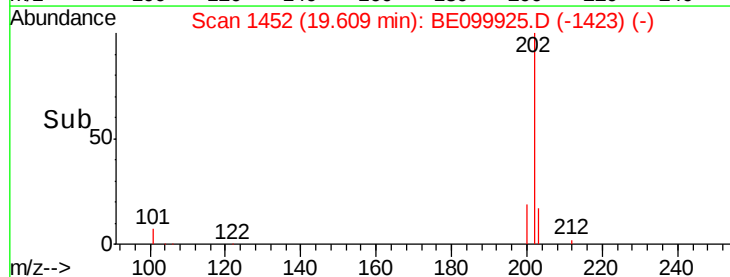
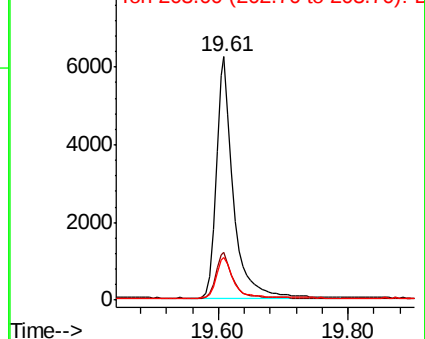


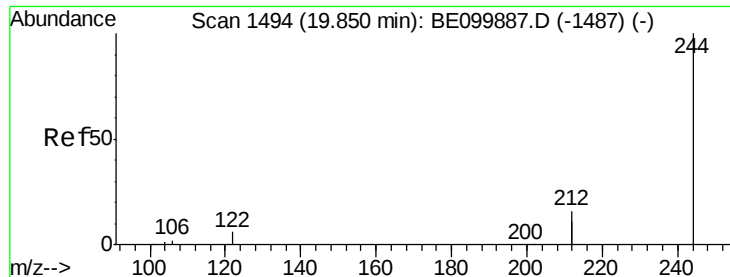
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

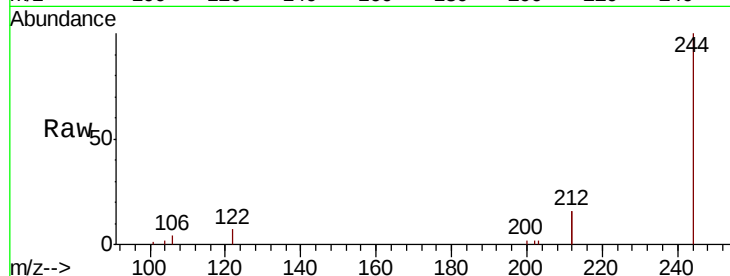
Tgt Ion:244 Resp: 7434

Ion Ratio Lower Upper

244 100

212 32.7 25.7 38.5

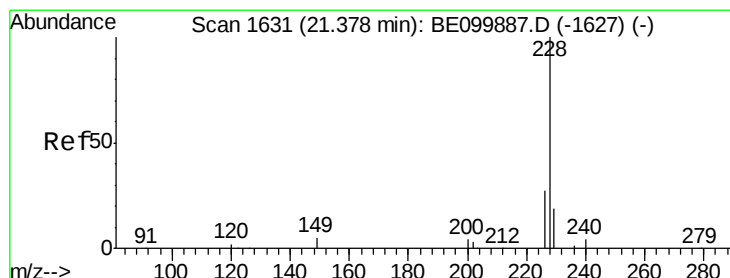
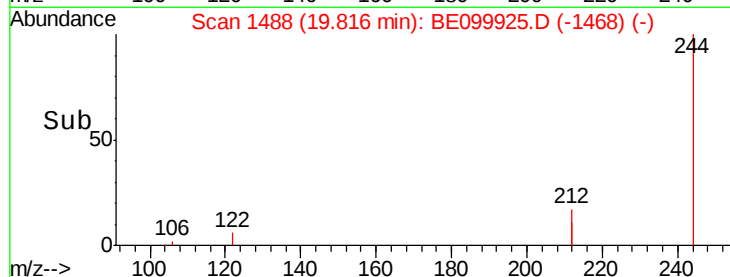
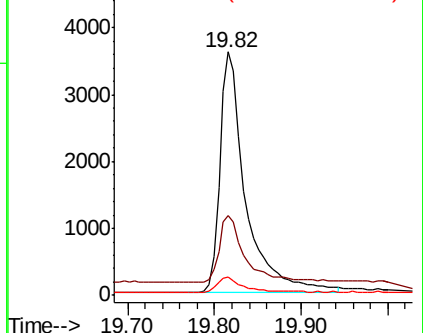
122 7.5 5.5 8.3



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: 0.406 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.04 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

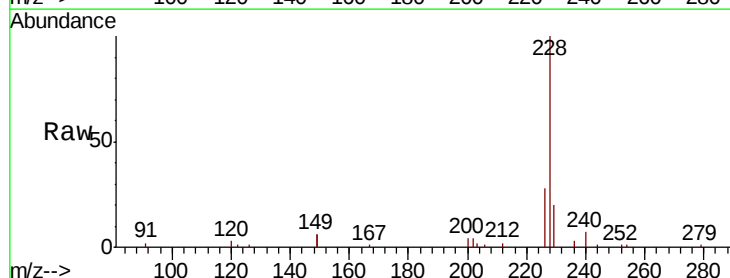
Tgt Ion:228 Resp: 11516

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

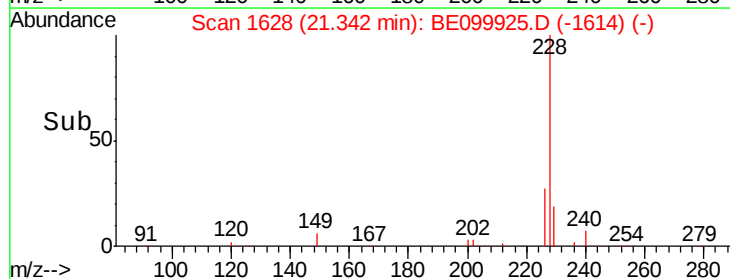
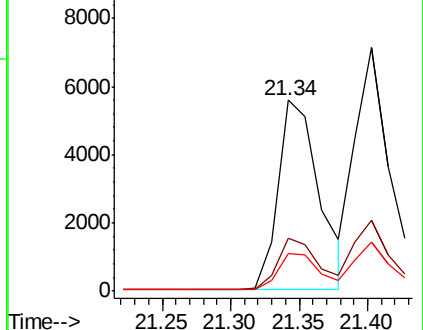
229 19.5 15.9 23.9

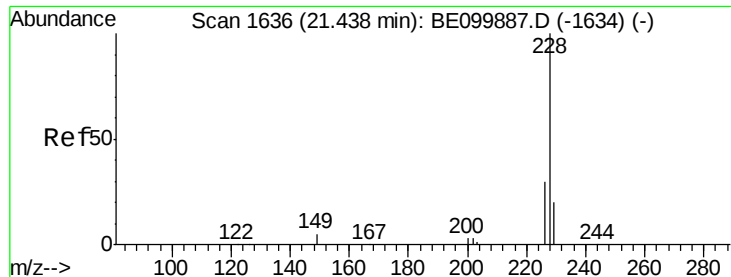


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.427 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

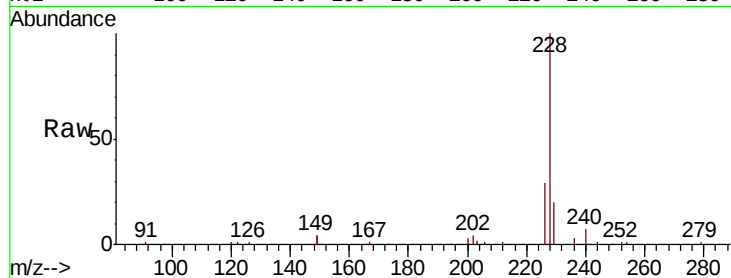
Tgt Ion:228 Resp: 12526

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

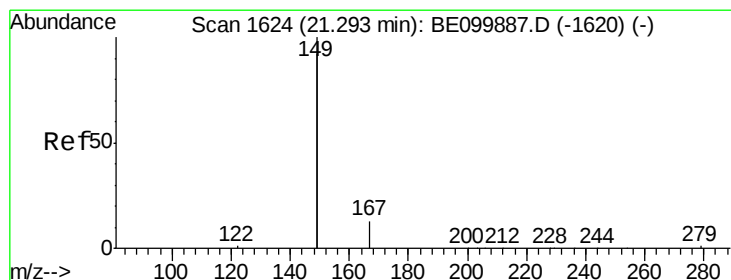
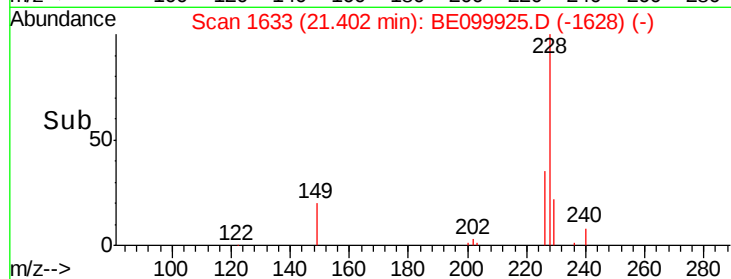
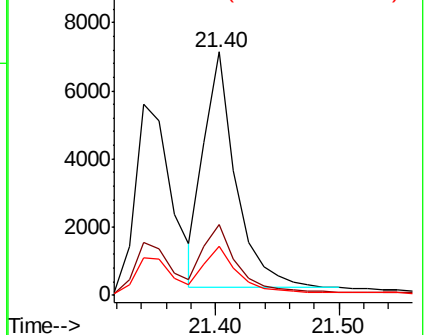
229 20.0 16.1 24.1



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: 0.376 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

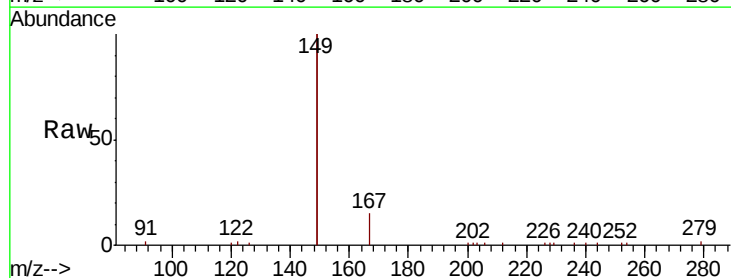
Tgt Ion:149 Resp: 15286

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

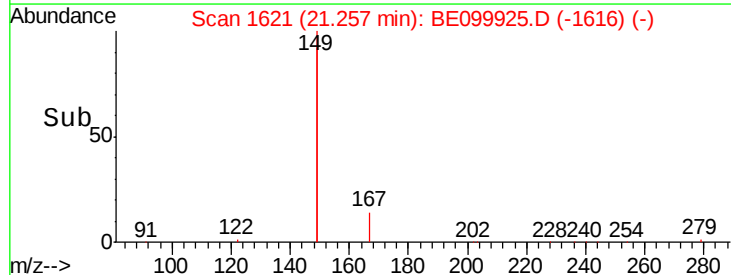
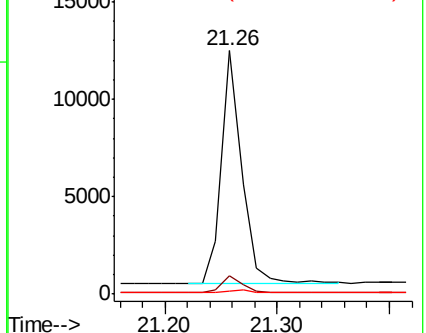
279 1.5 1.2 1.8

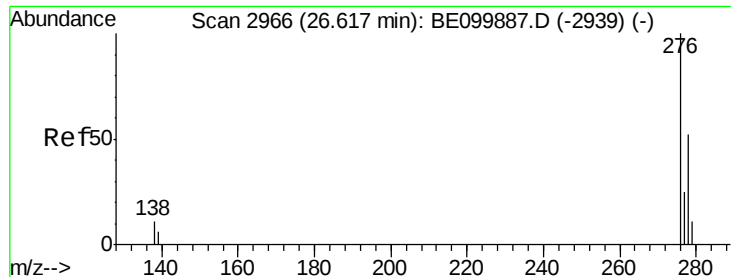


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.411 ng

RT: 26.52 min Scan# 2938

Delta R.T. -0.10 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

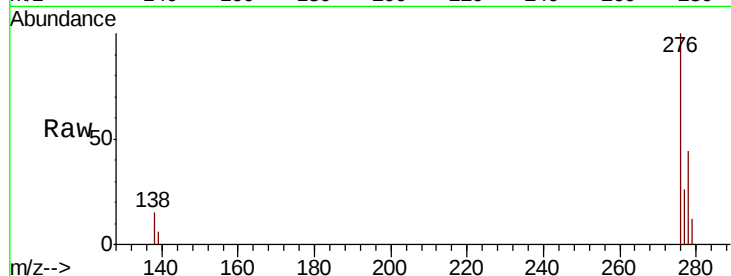
Tgt Ion:276 Resp: 14273

Ion Ratio Lower Upper

276 100

138 13.6 10.1 15.1

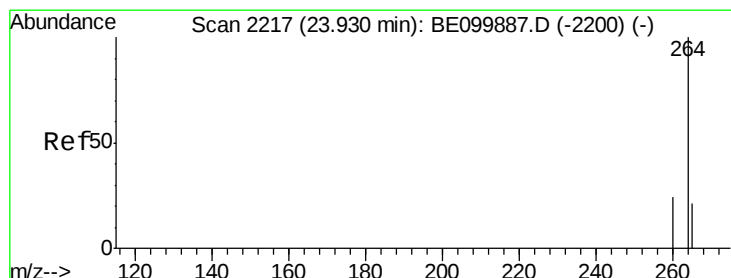
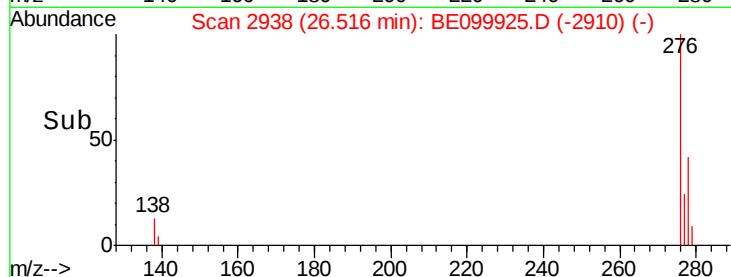
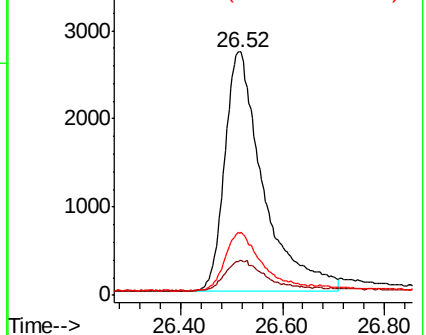
277 23.4 19.1 28.7



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# 2198

Delta R.T. -0.07 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

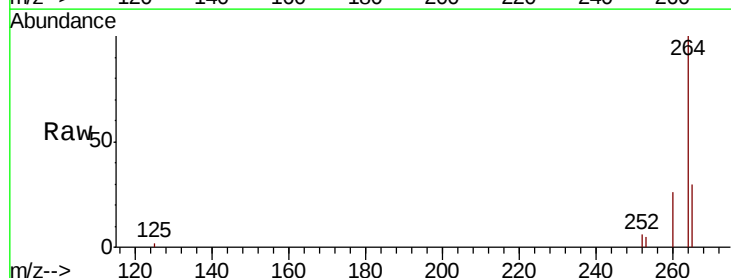
Tgt Ion:264 Resp: 10978

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

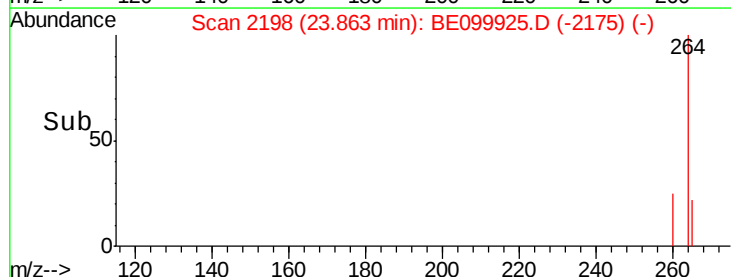
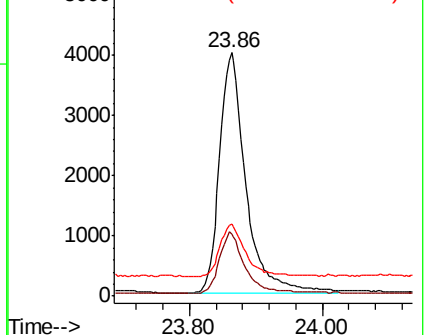
265 29.6 22.0 33.0

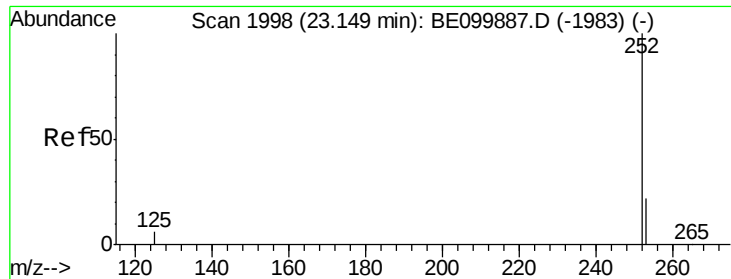


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

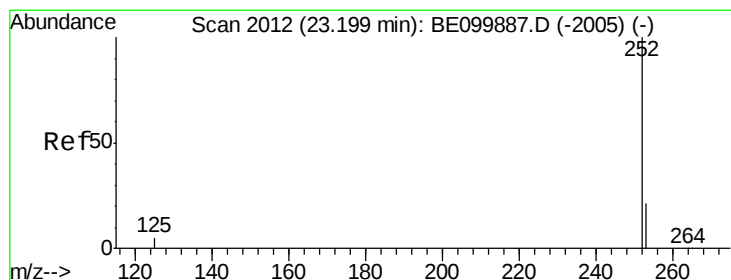
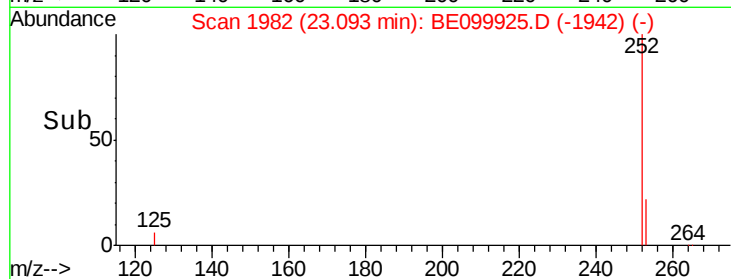
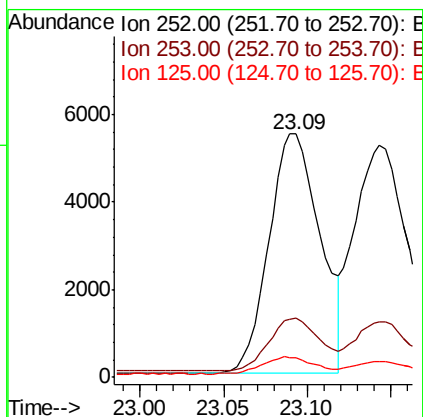
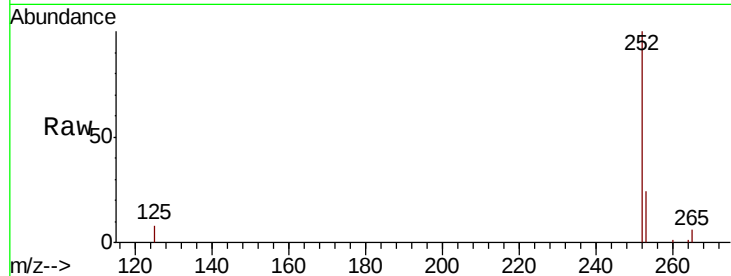




#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

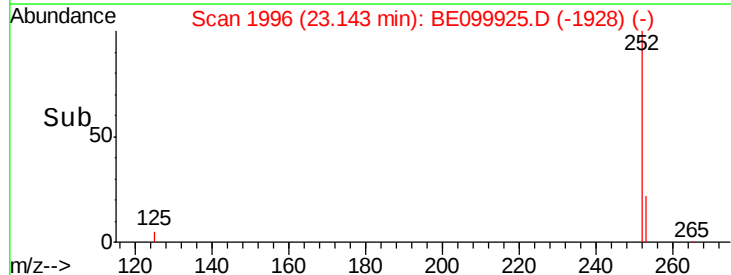
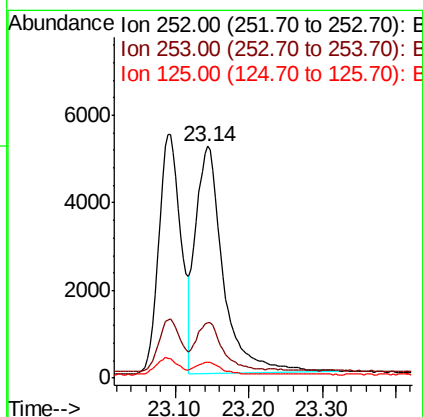
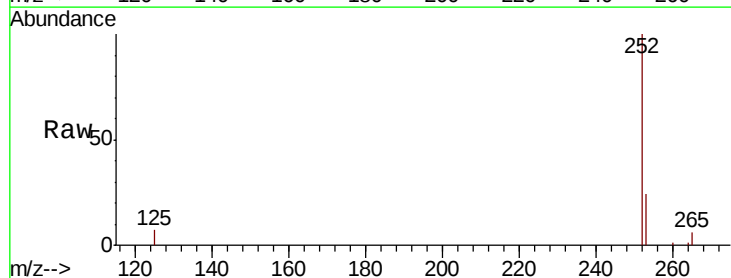
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

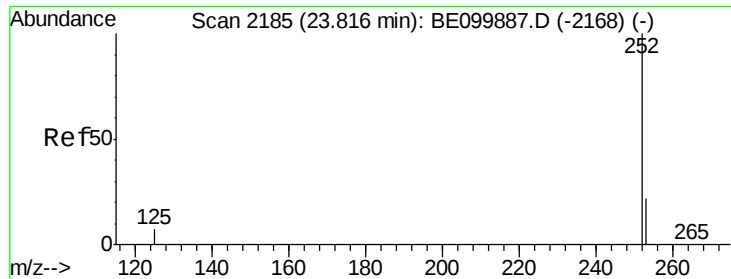
Tgt Ion:252 Resp: 11720
Ion Ratio Lower Upper
252 100
253 24.3 18.7 28.1
125 7.8 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BE099925.D
Acq: 11 Jun 2019 15:43

Tgt Ion:252 Resp: 13281
Ion Ratio Lower Upper
252 100
253 24.1 18.6 28.0
125 6.7 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.75 min Scan# 2167

Delta R.T. -0.06 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

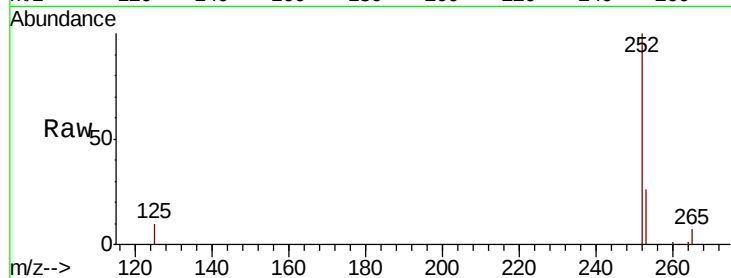
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	252	Resp:	11857
Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	10.0	6.6	10.0#

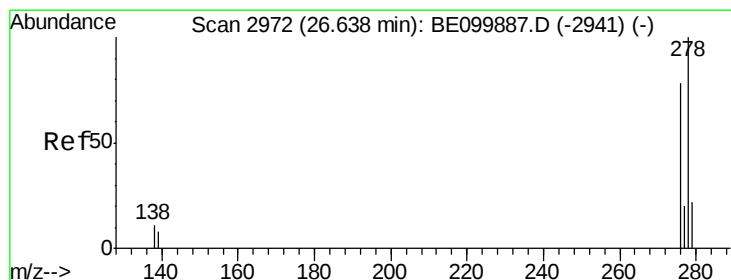
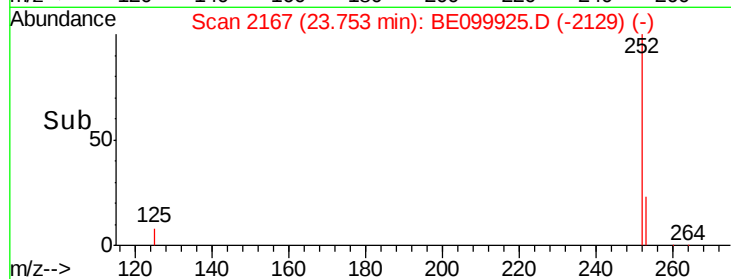
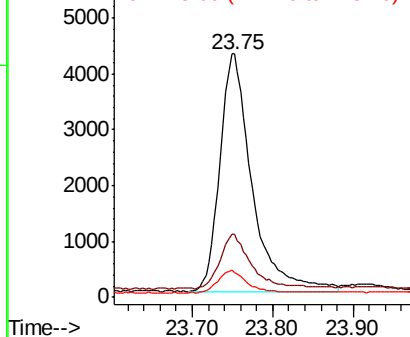


Abundance

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: 0.357 ng

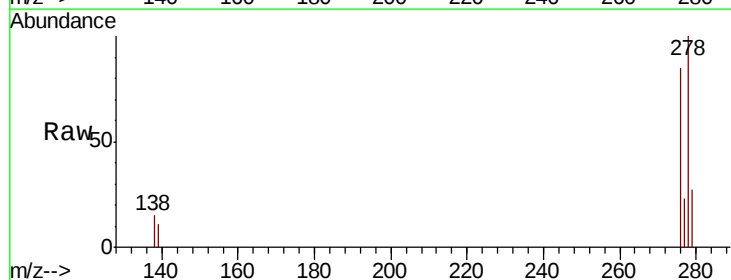
RT: 26.54 min Scan# 2946

Delta R.T. -0.09 min

Lab File: BE099925.D

Acq: 11 Jun 2019 15:43

Tgt Ion:	278	Resp:	10887
Ion	Ratio	Lower	Upper
278	100		
139	10.8	7.8	11.8
279	27.3	20.0	30.0

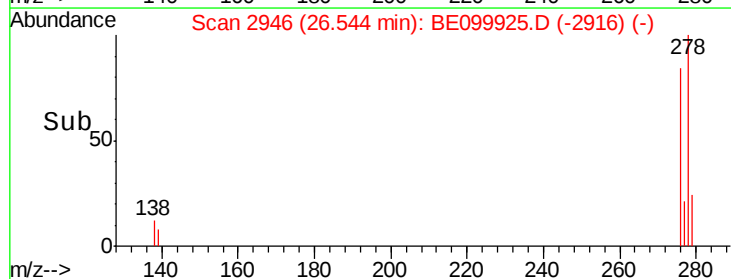
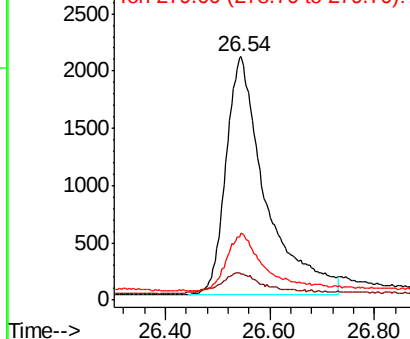


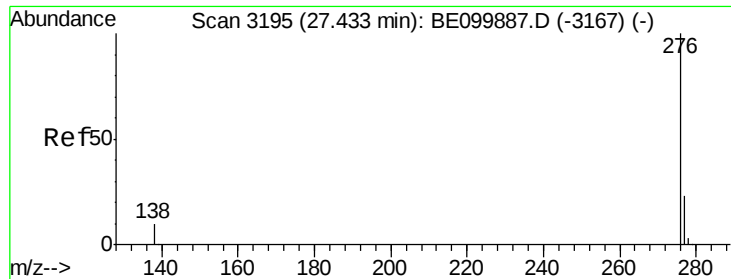
Abundance

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: 0.395 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.11 min

Lab File: BE099925.D

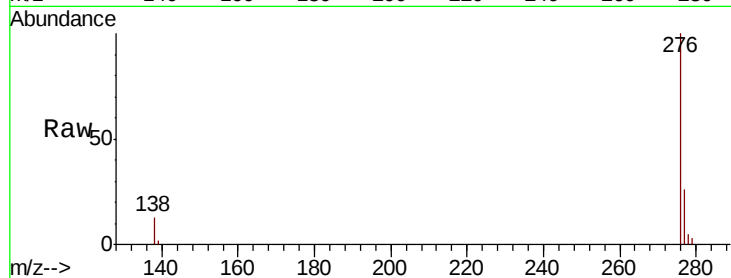
Acq: 11 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 12463

Ion Ratio Lower Upper

276 100

277 25.6 19.5 29.3

138 13.5 9.5 14.3

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

