

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
 Data File : BE099523.D
 Acq On : 3 May 2019 9:43
 Operator : JU/SJ
 Sample : K2589-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-SW098-042419

Quant Time: May 03 13:24:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	35	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	18	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	13	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	33	0.40	ng	0.01
27) Chrysene-d12	21.39	240	52	0.40	ng	0.02
34) Perylene-d12	23.89	264	9	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2332	24.10	ng	0.00
5) Phenol-d6	6.98	99	3334	25.90	ng	0.00
8) Nitrobenzene-d5	8.97	82	2820	167.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4900	151.09	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1680	205.16	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	7413	149.46	ng	-0.01
25) Fluoranthene-d10	19.22	212	85423	192.06	ng	0.00
29) Terphenyl-d14	19.82	244	16500	173.26	ng	0.00

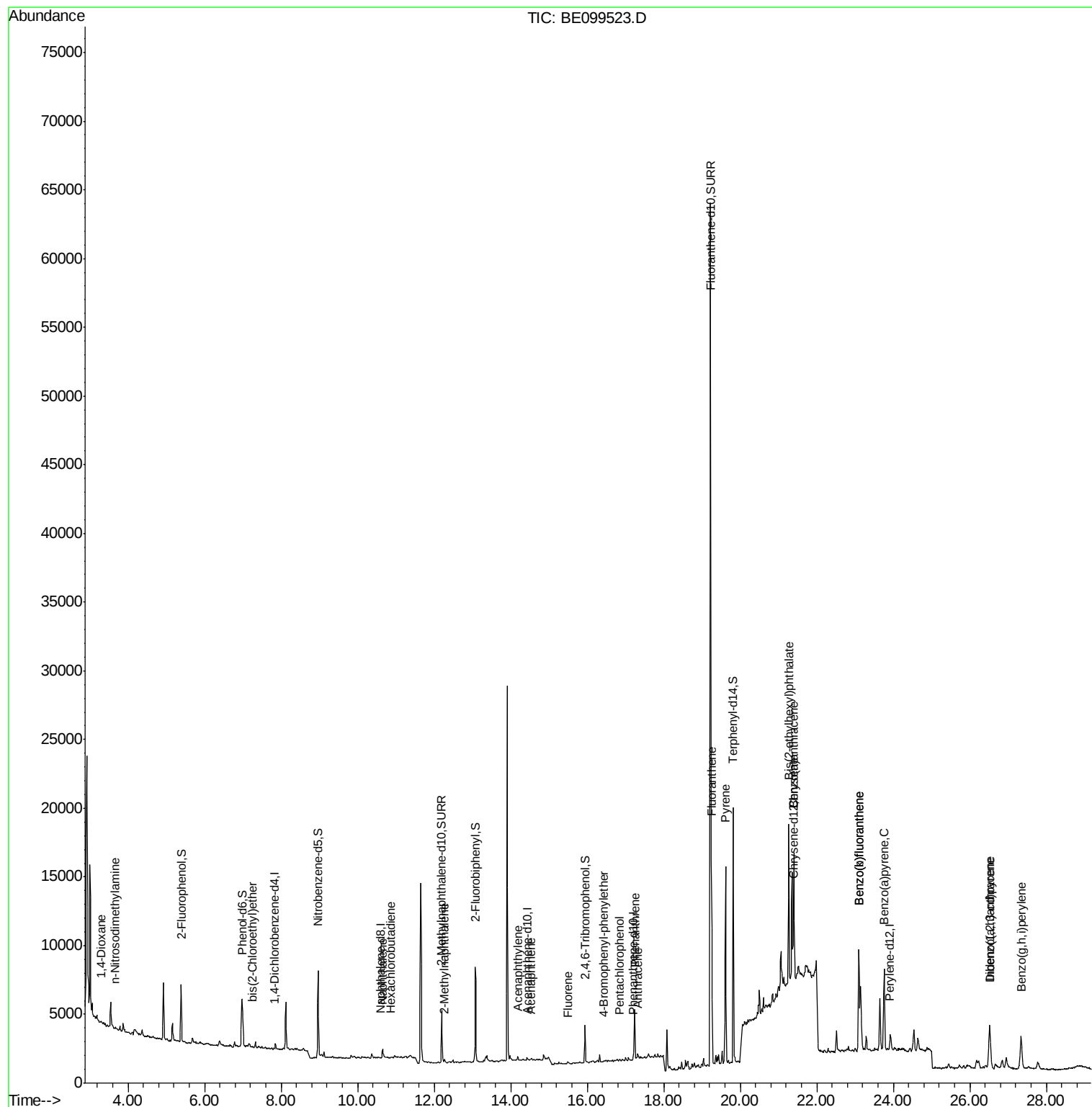
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	80	1.662	ng	# 27
3) n-Nitrosodimethylamine	3.65	42	77	2.653	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	28	0.252	ng	# 58
9) Naphthalene	10.65	128	1127	5.746	ng	# 80
10) Hexachlorobutadiene	10.87	225	15	1.099	ng	# 18
12) 2-Methylnaphthalene	12.27	142	179	5.248	ng	# 85
16) Acenaphthylene	14.18	152	472	7.420	ng	# 72
17) Acenaphthene	14.53	154	64	1.762	ng	# 86
18) Fluorene	15.49	166	223	4.161	ng	# 79
20) 4-Bromophenyl-phenylether	16.42	248	7	0.364	ng	# 41
22) Pentachlorophenol	16.85	266	29	2.847	ng	# 52
23) Phenanthrene	17.24	178	4704	55.242	ng	# 97
24) Anthracene	17.32	178	441	5.434	ng	# 91
26) Fluoranthene	19.25	202	13068	102.455	ng	# 99
28) Pyrene	19.61	202	13691	101.005	ng	# 96
30) Benzo(a)anthracene	21.40	228	8597	51.889	ng	# 90
31) Chrysene	21.40	228	8554	52.761	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.27	149	13311	56.896	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.52	276	5706	29.778	ng	# 98
35) Benzo(b)fluoranthene	23.10	252	11136	429.108	ng	# 60
36) Benzo(k)fluoranthene	23.10	252	11136	445.006	ng	# 61
37) Benzo(a)pyrene	23.76	252	7705	314.050	ng	# 56
38) Dibenzo(a,h)anthracene	26.53	278	1752	69.810	ng	# 12
39) Benzo(g,h,i)perylene	27.34	276	5844	232.419	ng	# 85

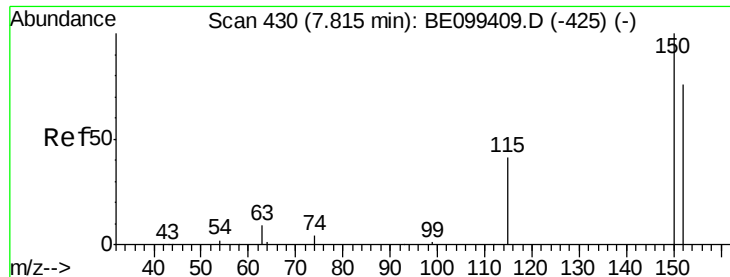
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

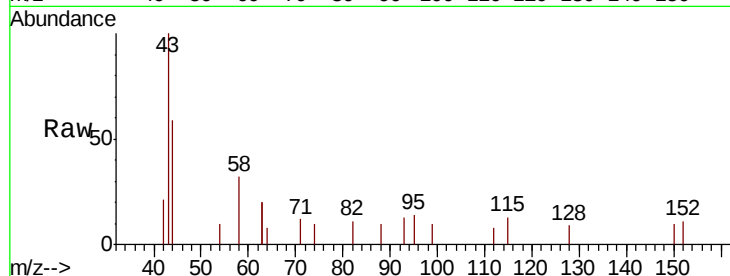
Tot Ion:152 Resp: 35

Ion Ratio Lower Upper

152 100

150 87.3 104.8 157.2#

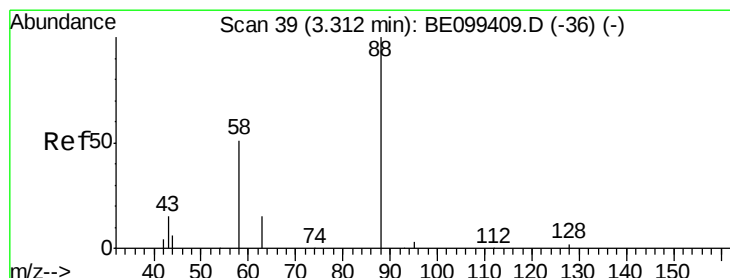
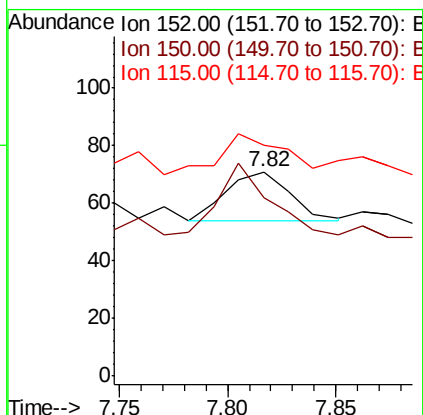
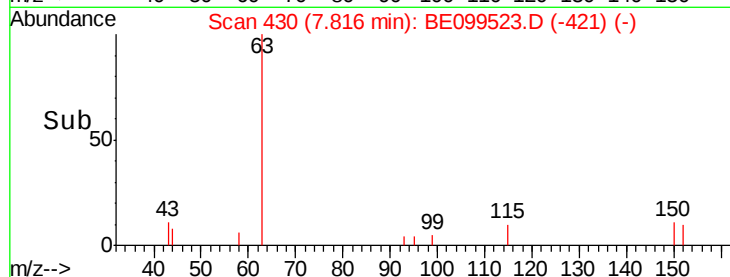
115 112.7 46.6 69.8#



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: 1.662 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

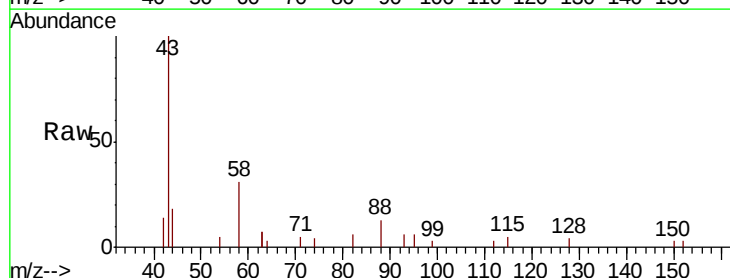
Tgt Ion: 88 Resp: 80

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

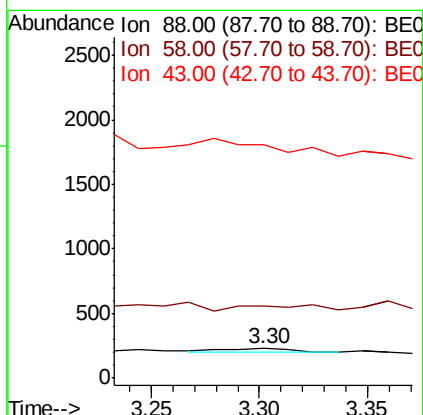
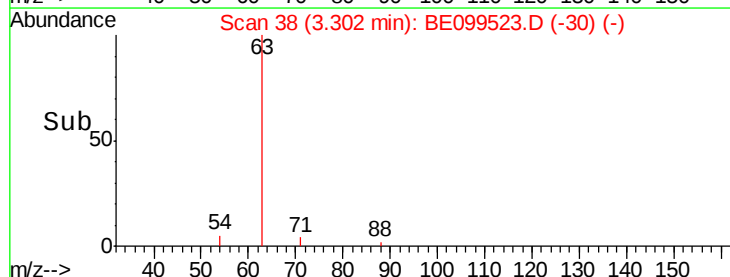
43 0.0 20.6 30.8#

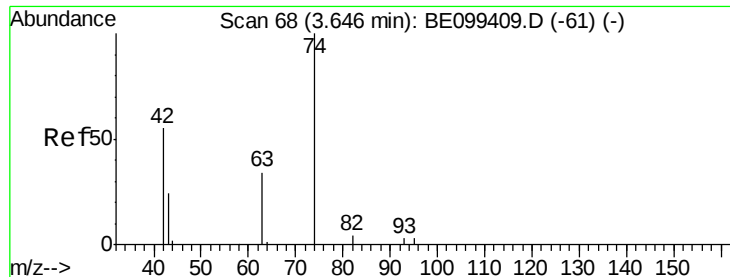


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.653 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

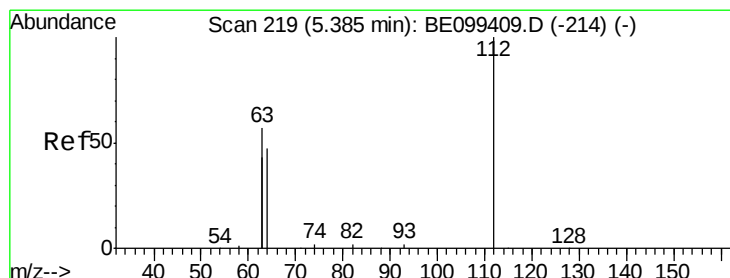
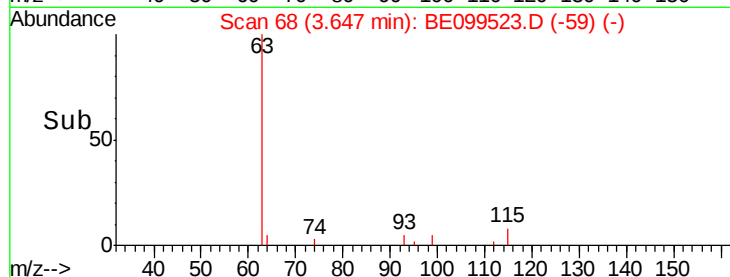
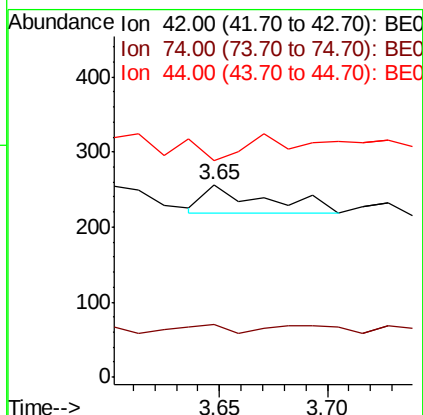
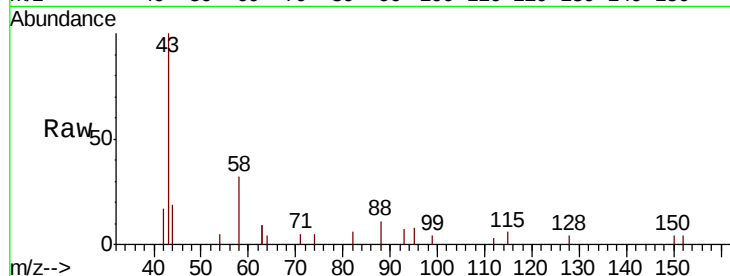
Instrument :

BNA_E

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PST-001-SW098-042419

Tot Ion:	42	Resp:	77
Ion	Ratio	Lower	Upper
42	100		
74	24.7	141.6	212.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 24.097 ng

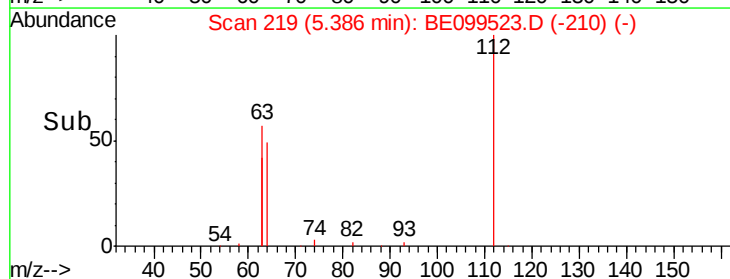
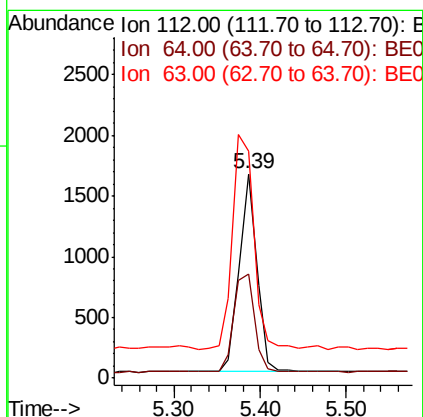
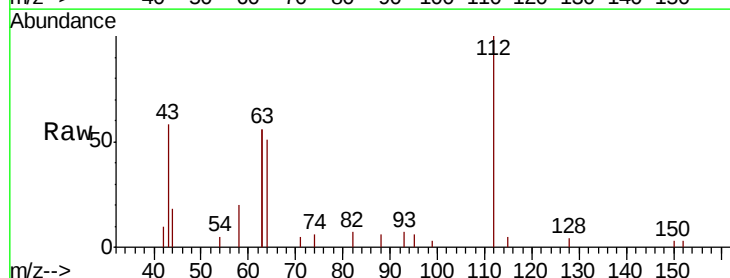
RT: 5.39 min Scan# 219

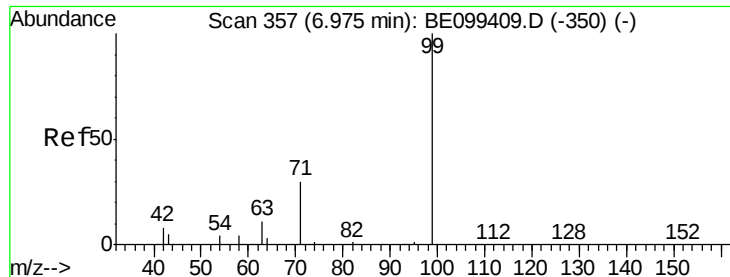
Delta R.T. 0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Tgt Ion:	112	Resp:	2332
Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.4	71.0
63	132.7	104.3	156.5





#5

Phenol-d6

Concen: 25.902 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

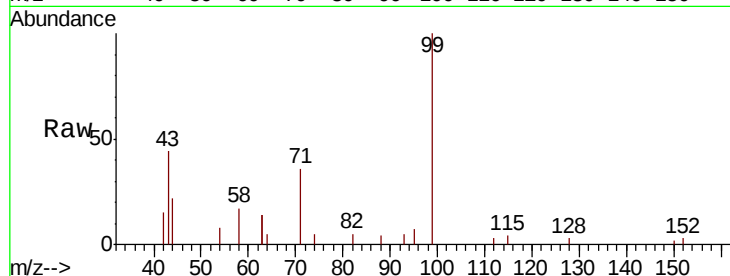
Tot Ion: 99 Resp: 3334

Ion Ratio Lower Upper

99 100

42 18.4 14.9 22.3

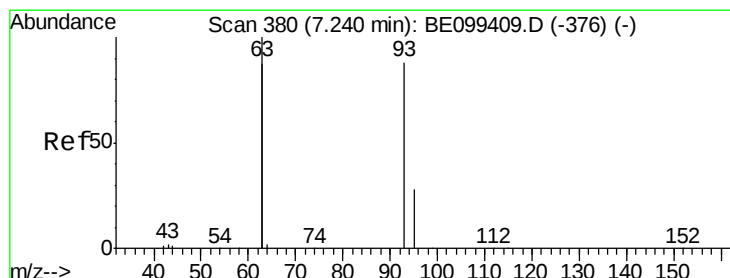
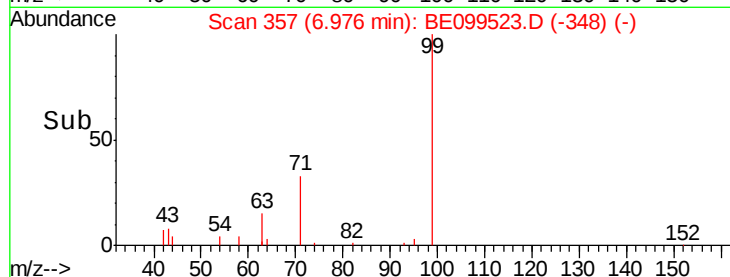
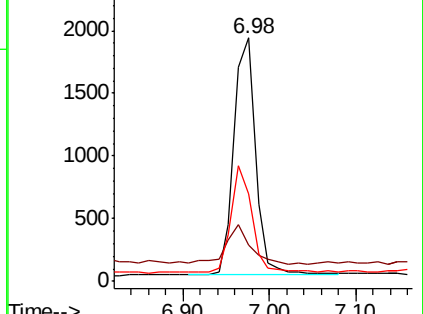
71 43.3 33.0 49.6



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: 0.252 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

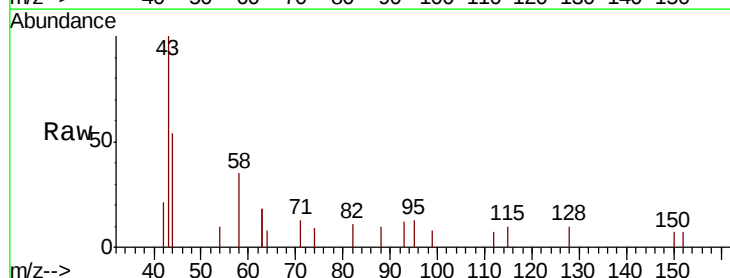
Tgt Ion: 93 Resp: 28

Ion Ratio Lower Upper

93 100

63 196.4 215.6 323.4#

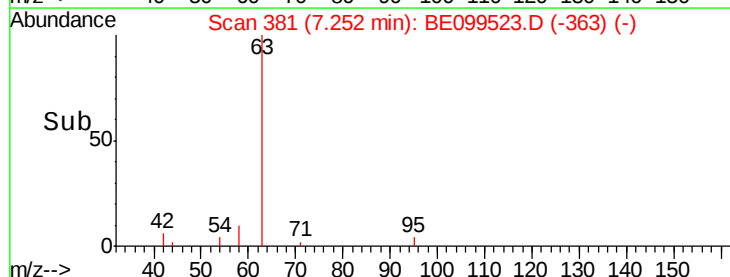
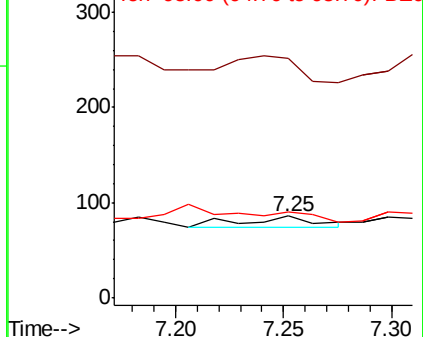
95 0.0 26.2 39.2#

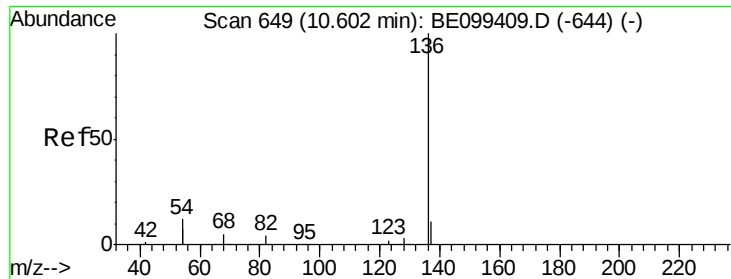


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

Tot Ion:136 Resp: 18

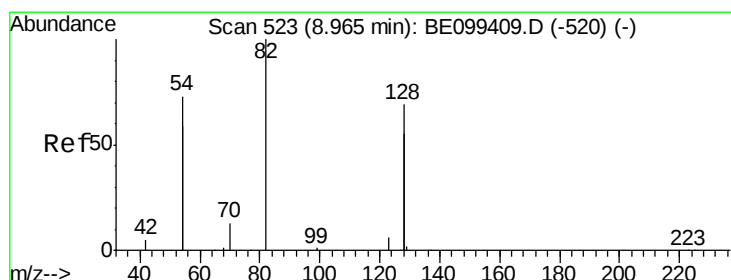
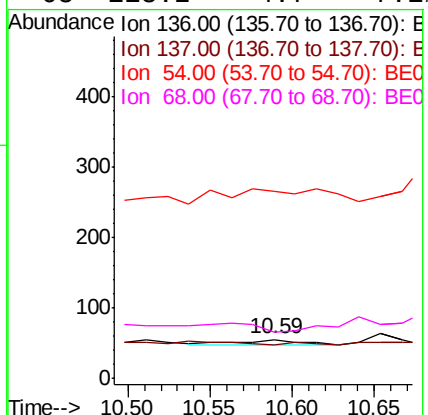
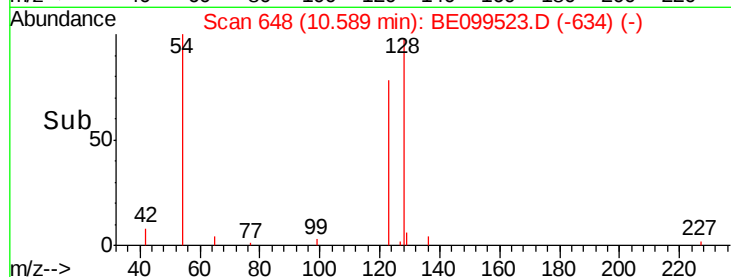
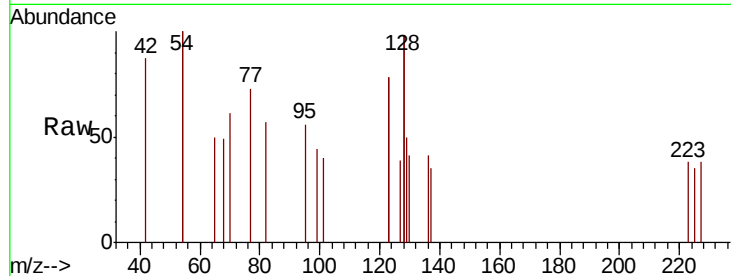
Ion Ratio Lower Upper

136 100

137 85.5 9.8 14.8#

54 483.6 18.5 27.7#

68 118.2 4.7 7.1#



#8

Nitrobenzene-d5

Concen: 167.154 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

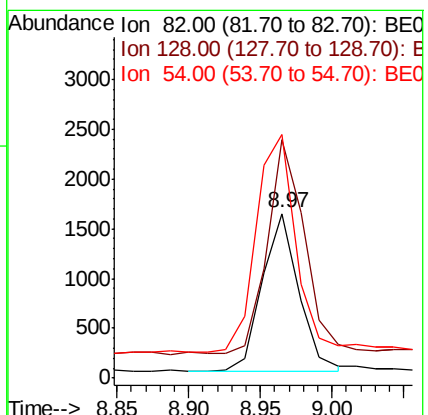
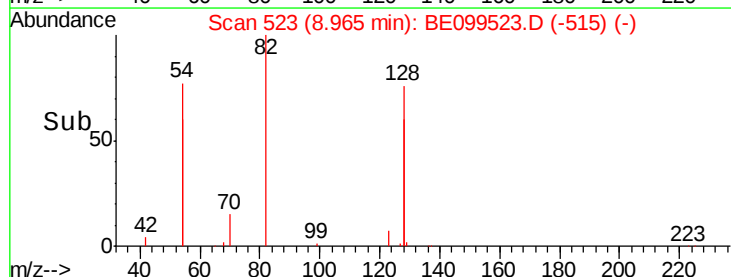
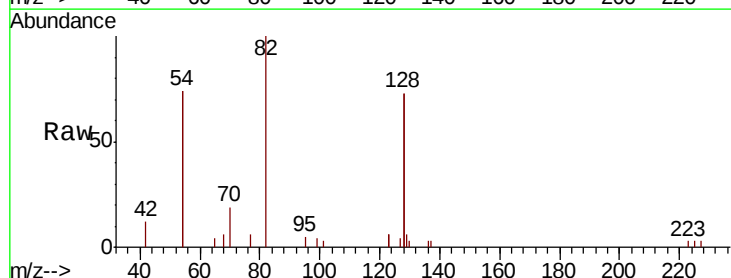
Tgt Ion: 82 Resp: 2820

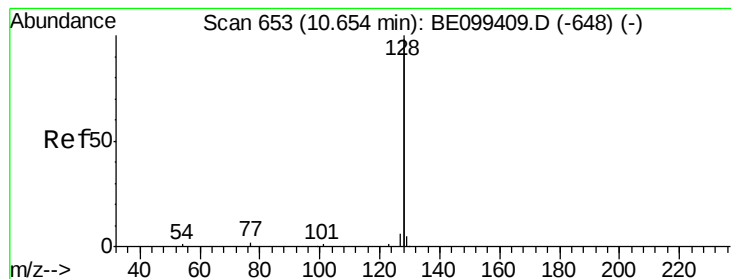
Ion Ratio Lower Upper

82 100

128 145.0 107.0 160.4

54 147.7 113.1 169.7





#9

Naphthalene

Concen: 5.746 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

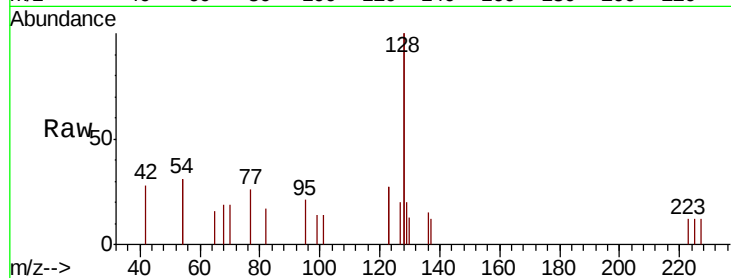
Tot Ion:128 Resp: 1127

Ion Ratio Lower Upper

128 100

129 9.8 2.4 3.6#

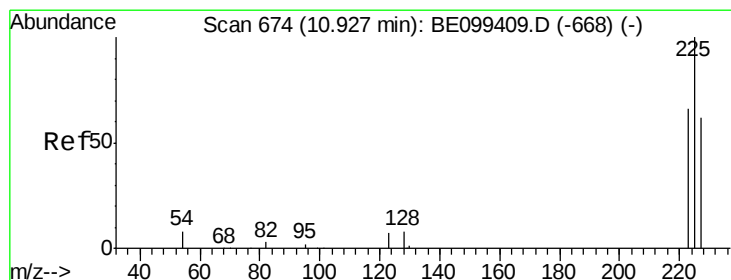
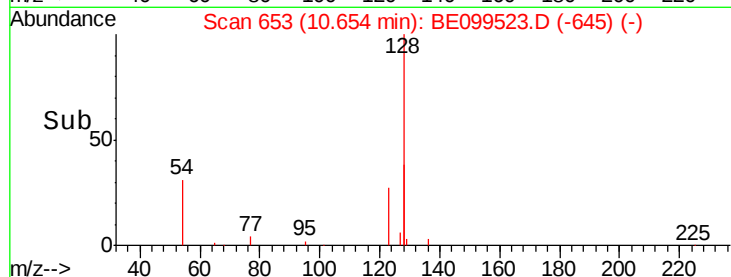
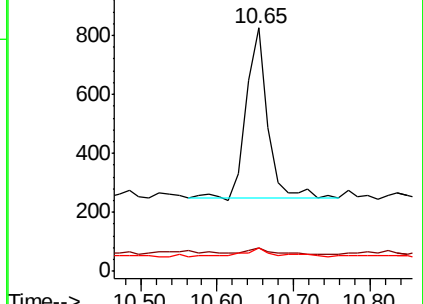
127 9.8 2.8 4.2#



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: 1.099 ng

RT: 10.87 min Scan# 670

Delta R.T. -0.05 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

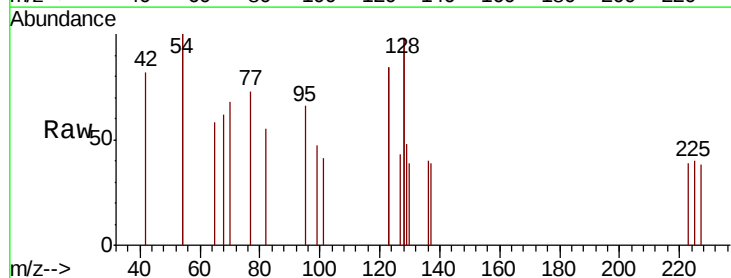
Tgt Ion:225 Resp: 15

Ion Ratio Lower Upper

225 100

223 0.0 51.0 76.6#

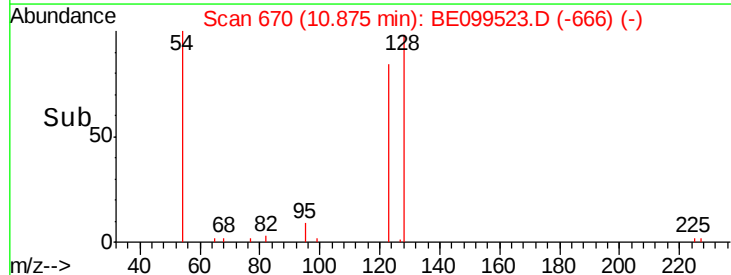
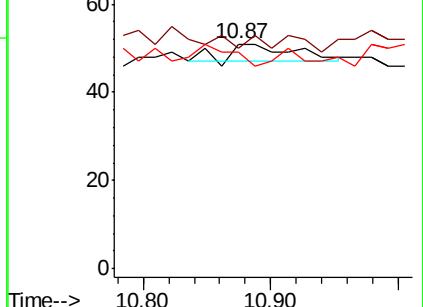
227 0.0 50.9 76.3#

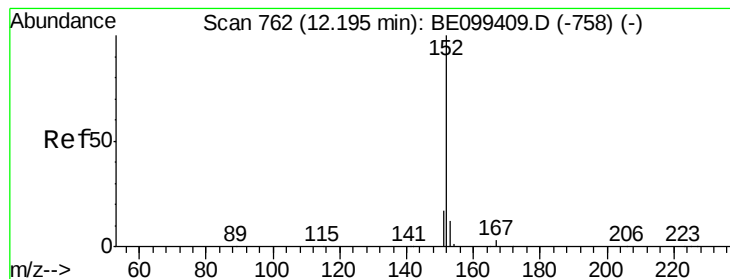


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 151.091 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

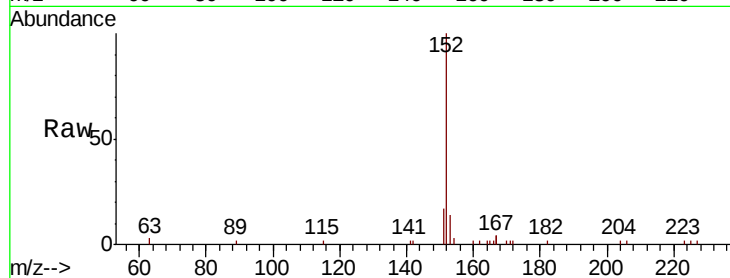
PST-001-SW098-042419

Tot Ion:152 Resp: 4900

Ion Ratio Lower Upper

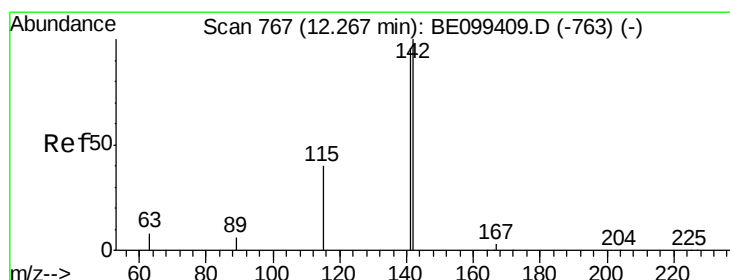
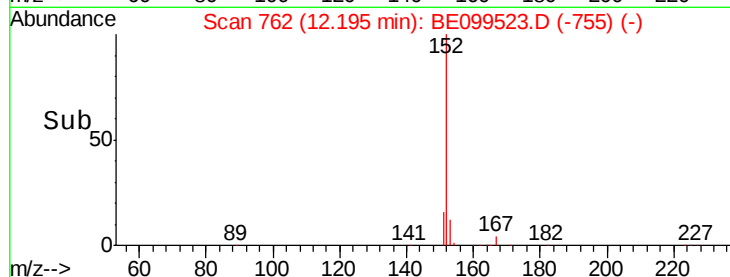
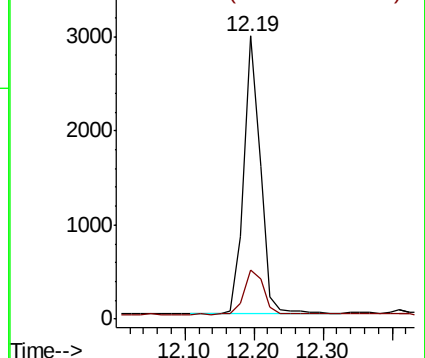
152 100

151 19.9 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 5.248 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

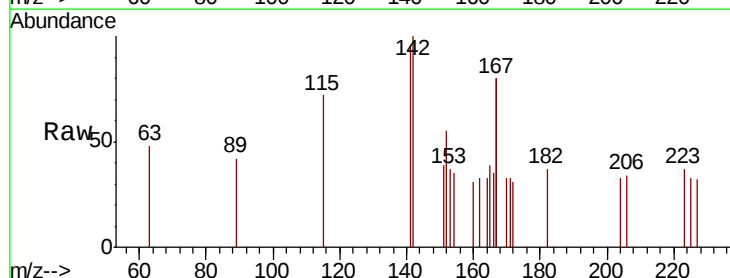
Tgt Ion:142 Resp: 179

Ion Ratio Lower Upper

142 100

141 96.1 77.0 115.4

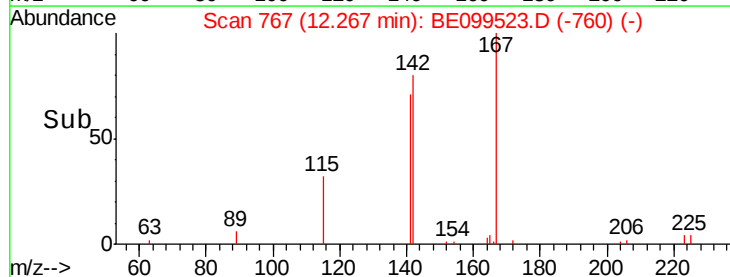
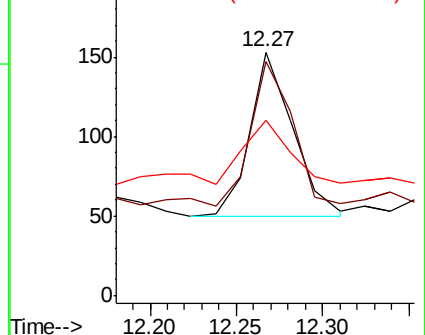
115 71.9 33.4 50.0#

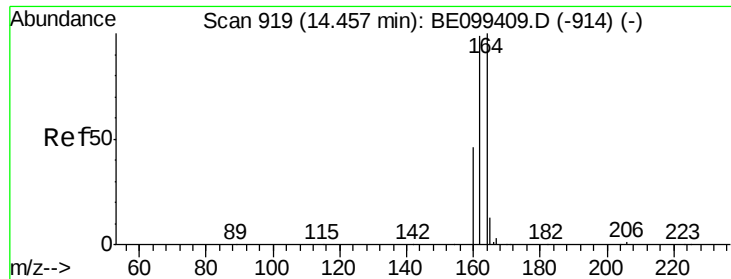


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

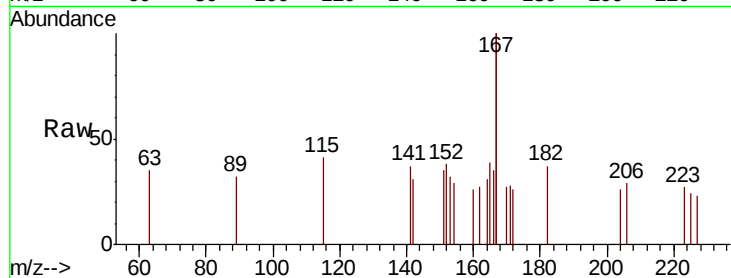
Tot Ion:164 Resp: 13

Ion Ratio Lower Upper

164 100

162 86.7 79.0 118.4

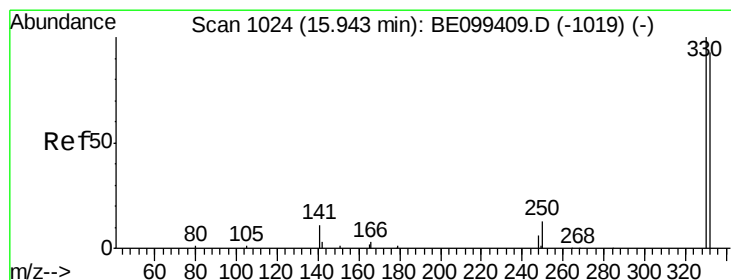
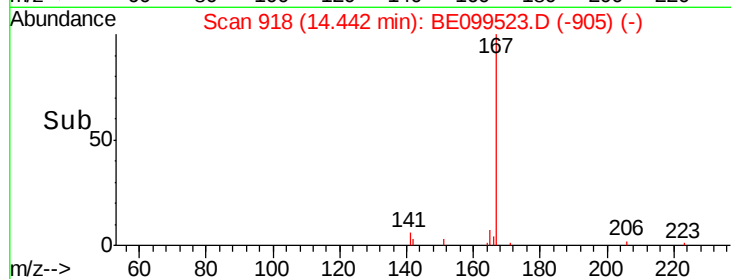
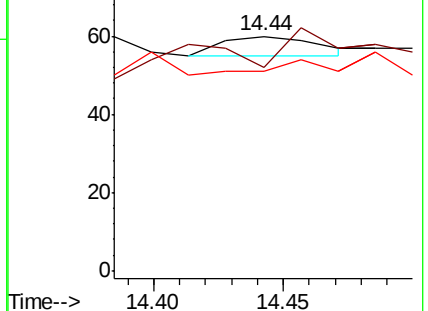
160 85.0 37.0 55.4#



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: 205.158 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

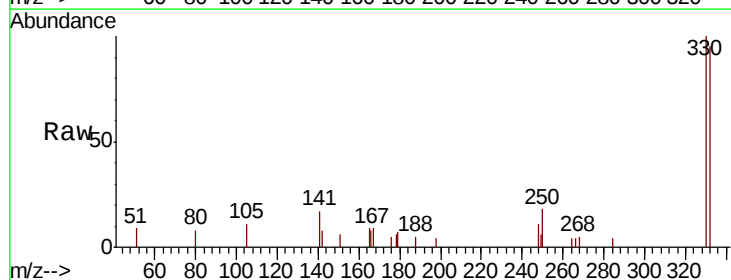
Tgt Ion:330 Resp: 1680

Ion Ratio Lower Upper

330 100

332 97.0 71.5 107.3

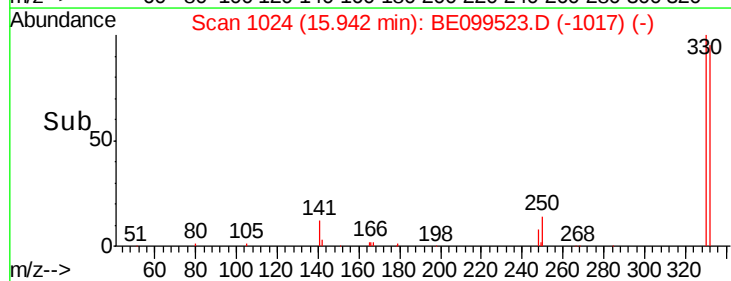
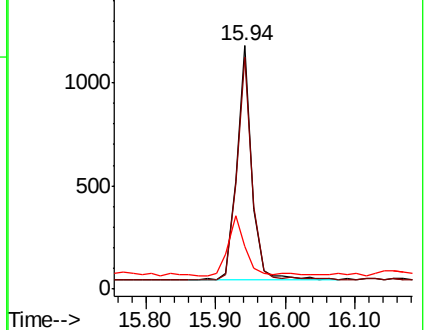
141 28.7 24.0 36.0

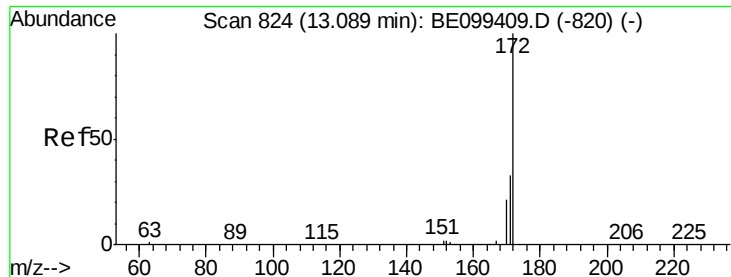


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

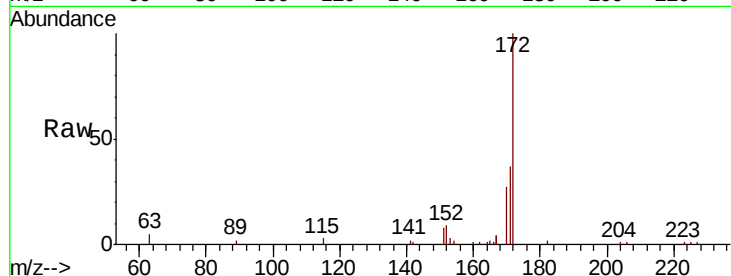




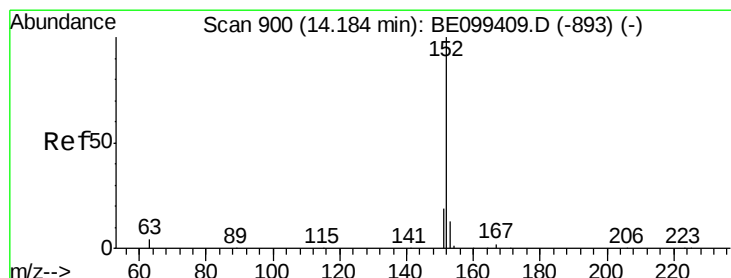
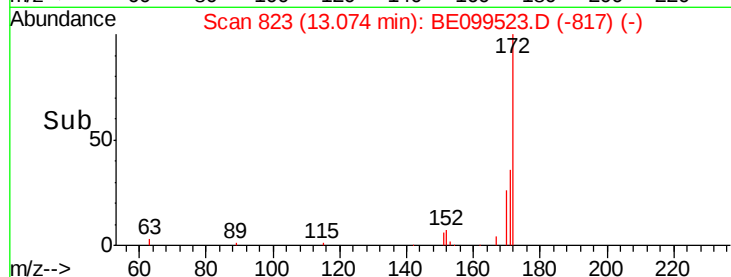
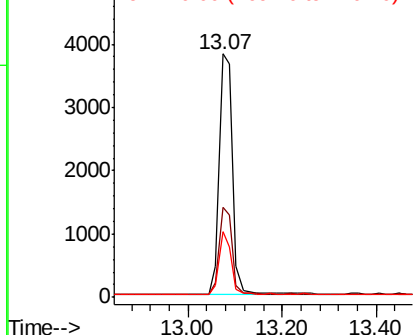
#15
2-Fluorobiphenyl
Concen: 149.456 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099523.D
Acq: 3 May 2019 9:43

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tot Ion:172 Resp: 7413
Ion Ratio Lower Upper
172 100
171 37.1 26.6 39.8
170 26.9 17.0 25.6#

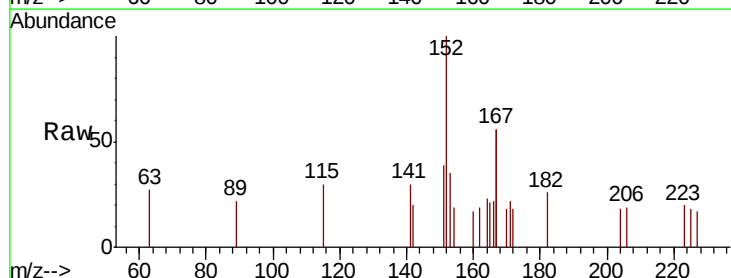


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

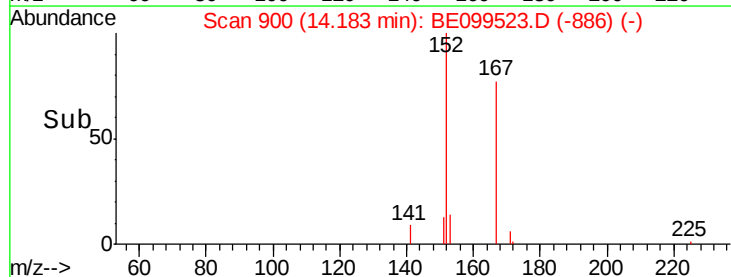
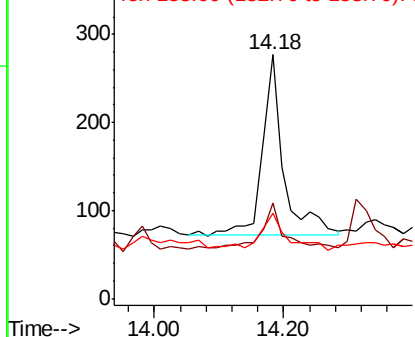


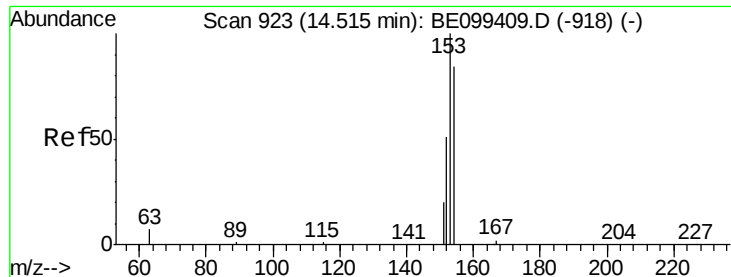
#16
Acenaphthylene
Concen: 7.420 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099523.D
Acq: 3 May 2019 9:43

Tgt Ion:152 Resp: 472
Ion Ratio Lower Upper
152 100
151 29.0 15.4 23.2#
153 27.1 9.8 14.6#



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

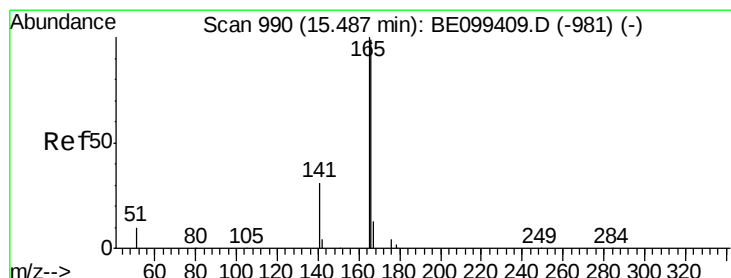
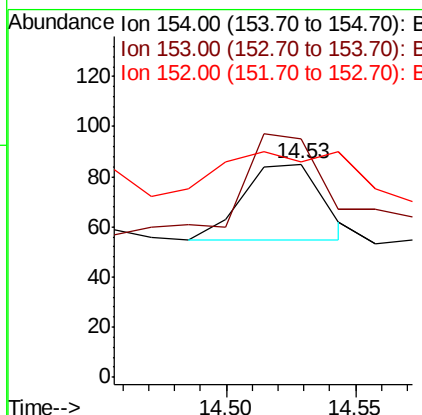
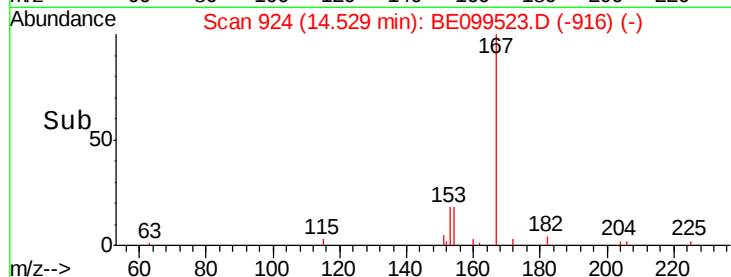
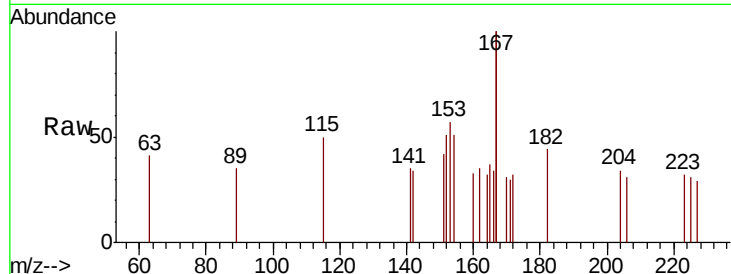




#17
Acenaphthene
Concen: 1.762 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099523.D
Acq: 3 May 2019 9:43

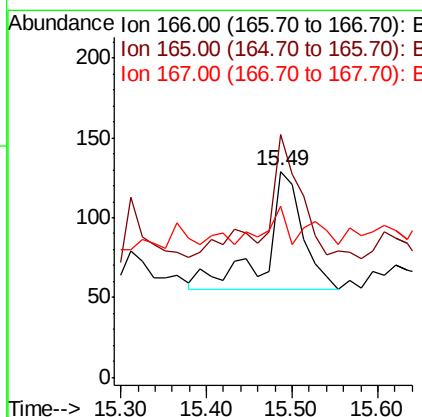
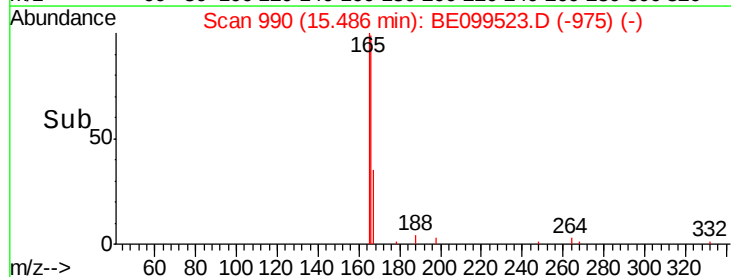
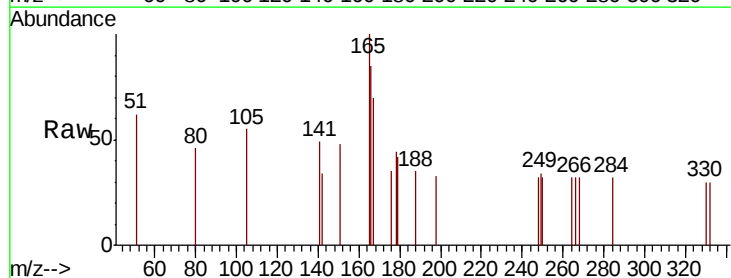
Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

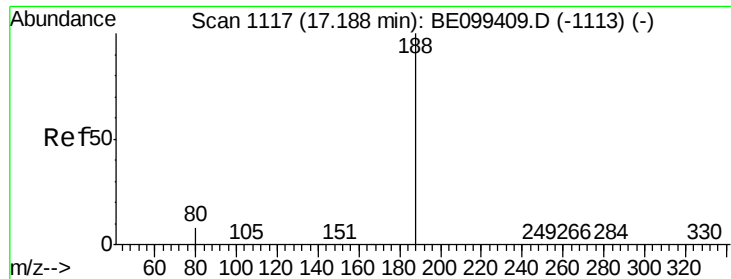
Tot Ion:154 Resp: 64
Ion Ratio Lower Upper
154 100
153 132.8 92.6 138.8
152 65.6 45.8 68.8



#18
Fluorene
Concen: 4.161 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099523.D
Acq: 3 May 2019 9:43

Tgt Ion:166 Resp: 223
Ion Ratio Lower Upper
166 100
165 77.6 80.3 120.5#
167 16.6 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

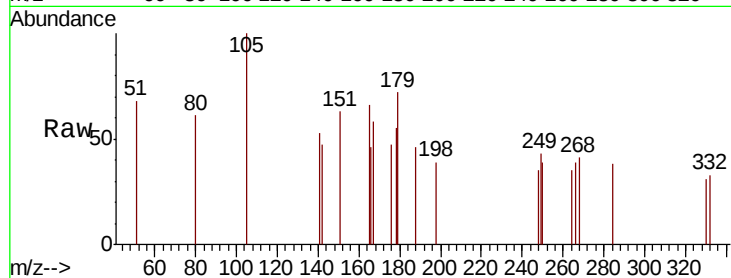
Tot Ion:188 Resp: 33

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

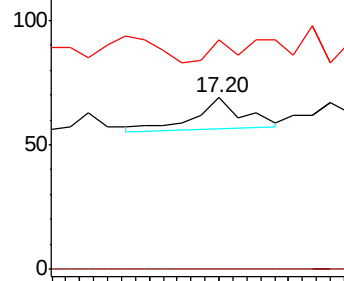
80 133.3 6.7 10.1#



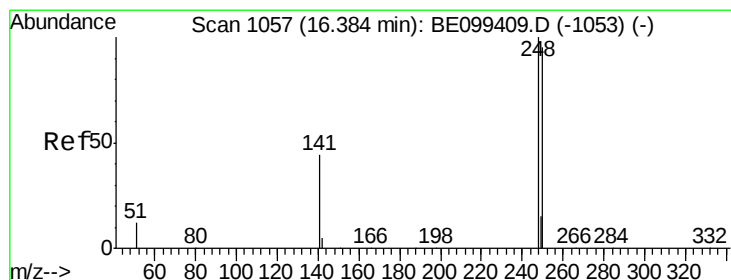
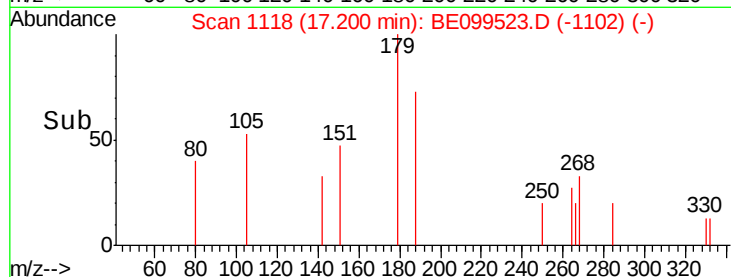
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.364 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.04 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

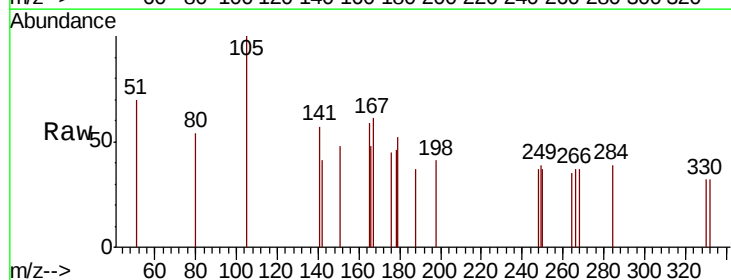
Tgt Ion:248 Resp: 7

Ion Ratio Lower Upper

248 100

250 101.9 75.8 113.8

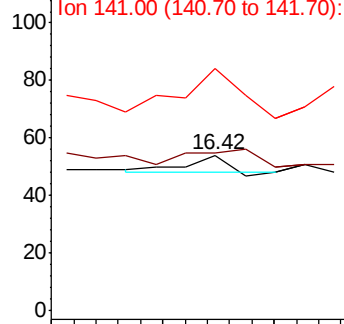
141 155.6 35.7 53.5#



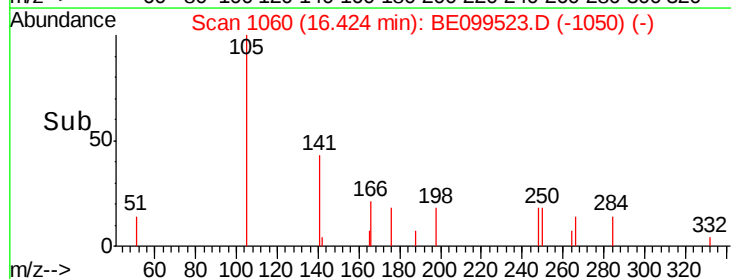
Abundance Ion 248.00 (247.70 to 248.70): E

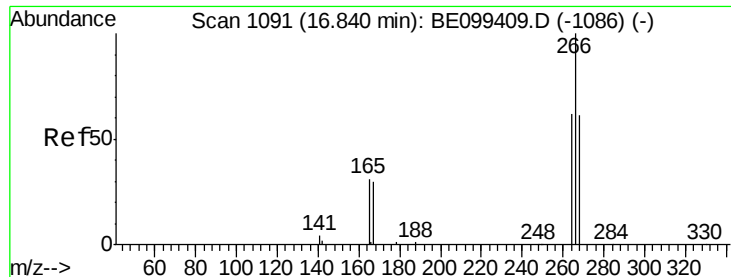
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#22

Pentachlorophenol

Concen: 2.847 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

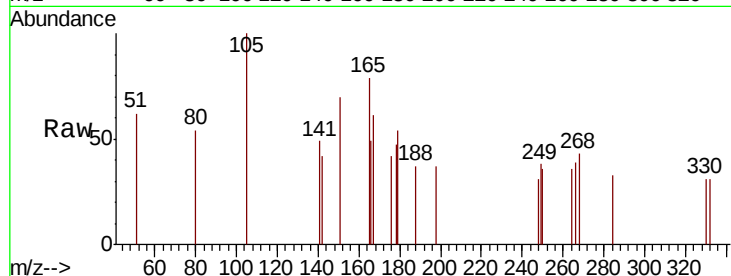
Tot Ion:266 Resp: 29

Ion Ratio Lower Upper

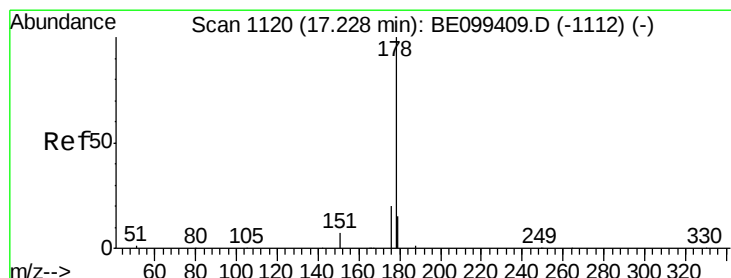
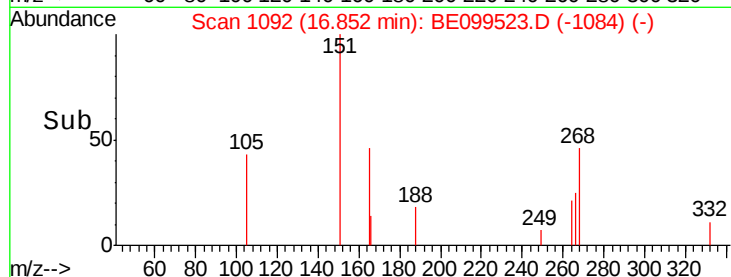
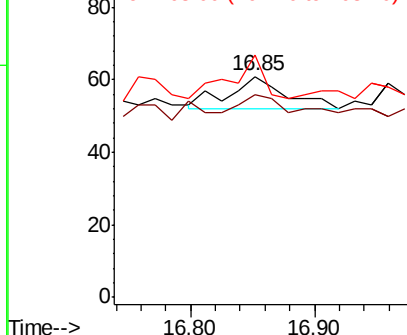
266 100

264 91.8 50.8 76.2#

268 109.8 50.5 75.7#



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: 55.242 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

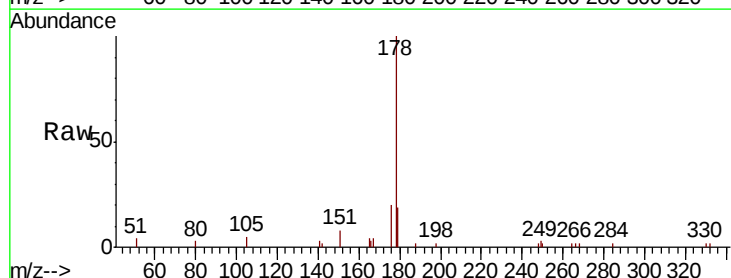
Tgt Ion:178 Resp: 4704

Ion Ratio Lower Upper

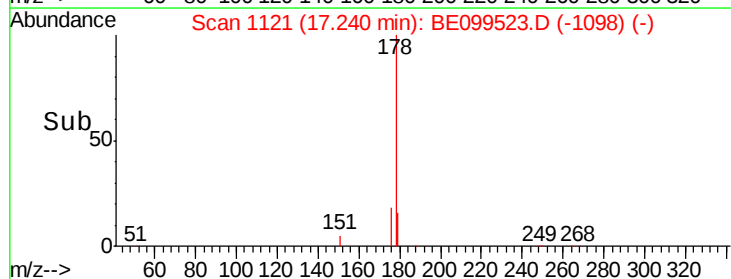
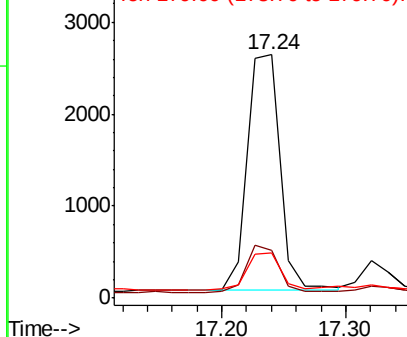
178 100

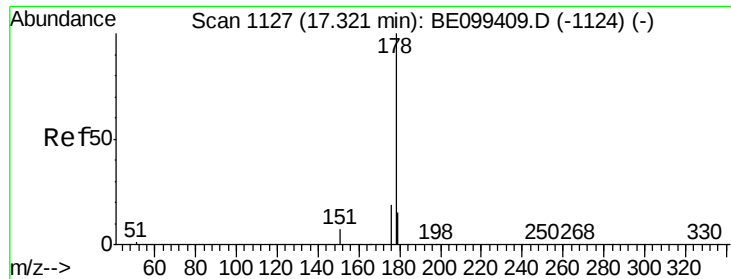
176 19.7 15.6 23.4

179 17.9 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 5.434 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

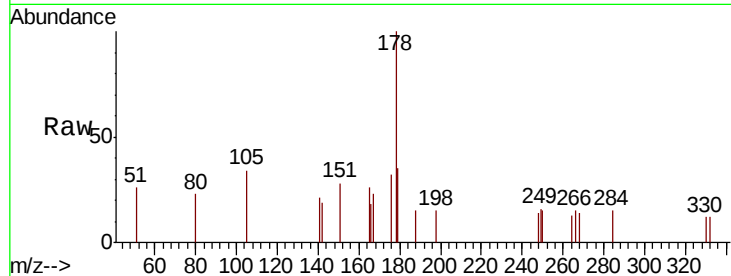
Tot Ion:178 Resp: 441

Ion Ratio Lower Upper

178 100

176 25.2 14.9 22.3#

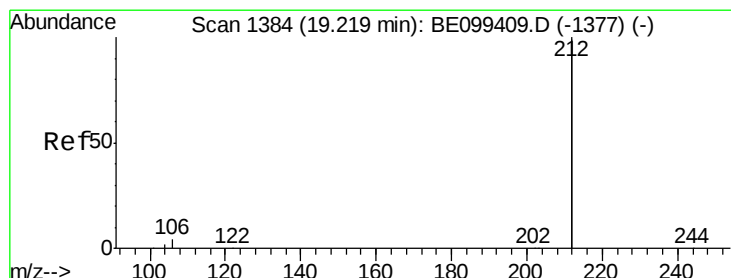
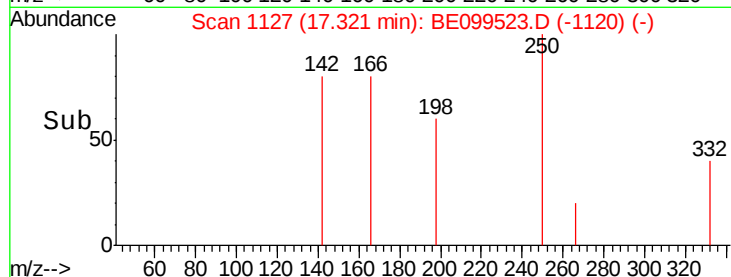
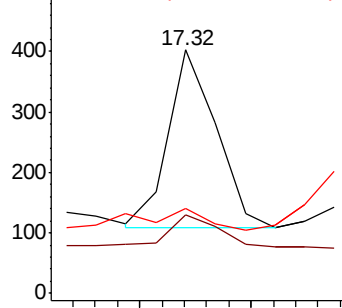
179 15.9 11.9 17.9



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: 192.061 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

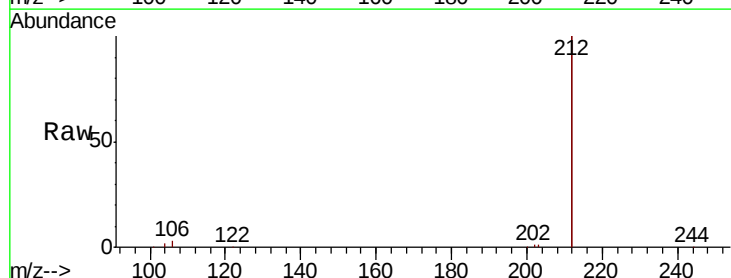
Tgt Ion:212 Resp: 85423

Ion Ratio Lower Upper

212 100

106 1.8 1.5 2.3

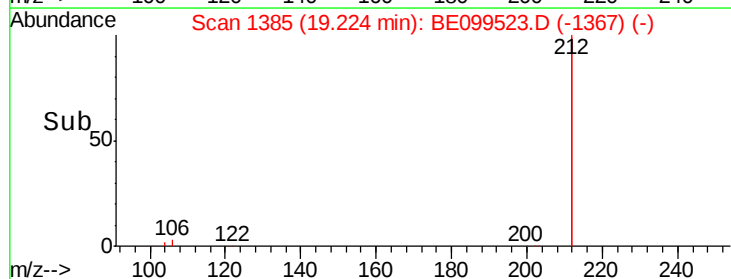
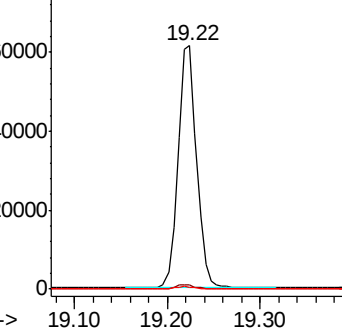
104 1.1 0.9 1.3

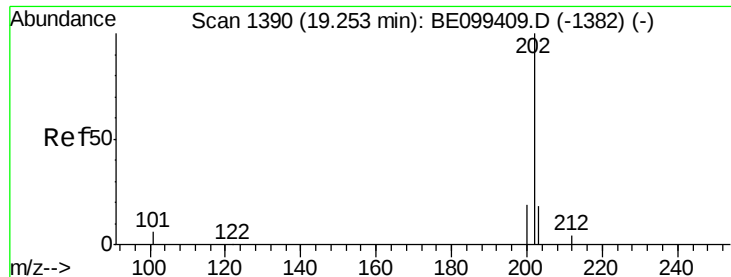


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

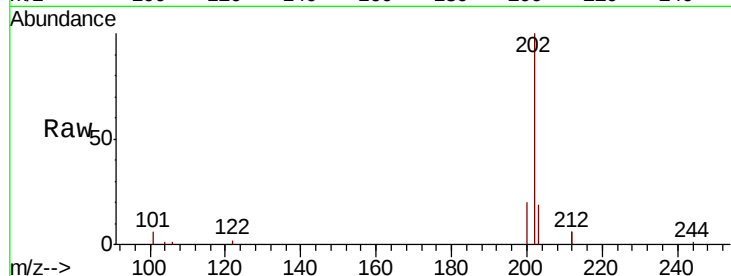




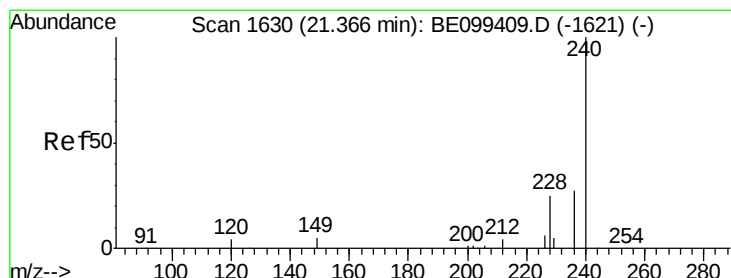
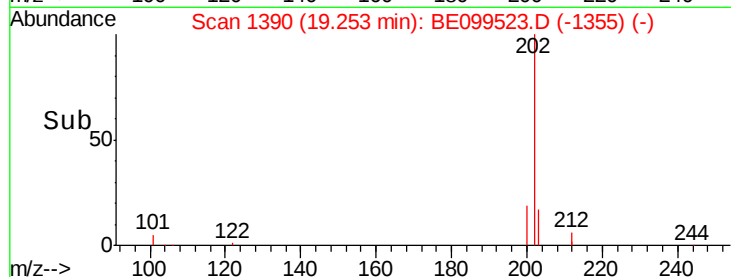
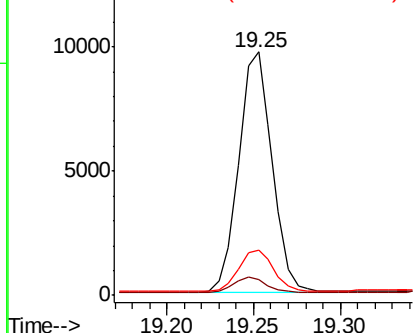
#26
 Fluoranthene
 Concen: 102.455 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BE099523.D
 Acq: 3 May 2019 9:43

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-SW098-042419

Tot Ion:202 Resp: 13068
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.4 8.0
 203 17.9 13.9 20.9

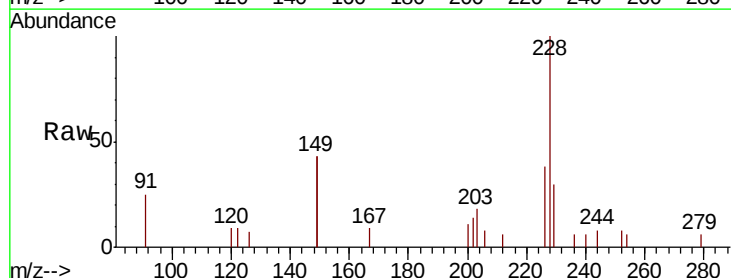


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

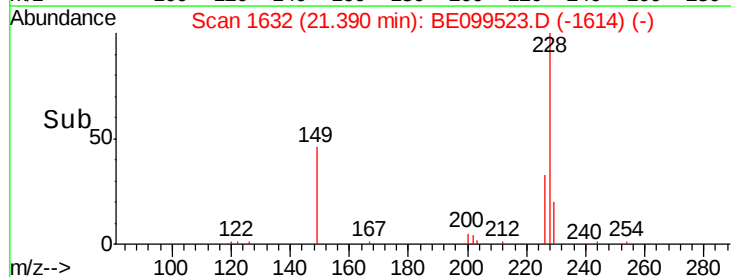
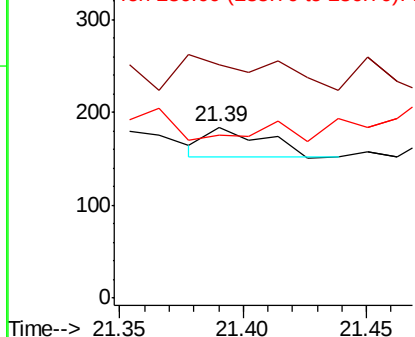


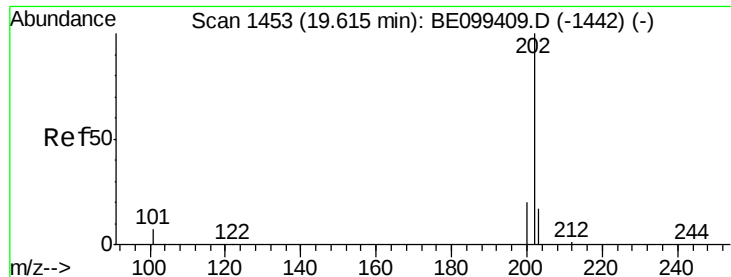
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.02 min
 Lab File: BE099523.D
 Acq: 3 May 2019 9:43

Tgt Ion:240 Resp: 52
 Ion Ratio Lower Upper
 240 100
 120 136.4 4.0 6.0#
 236 95.7 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

Pvrene

Concen: 101.005 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

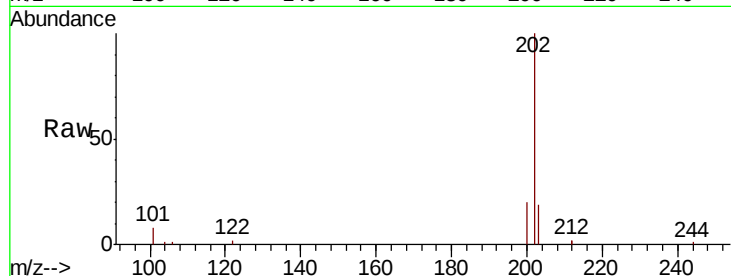
Tot Ion:202 Resp: 13691

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

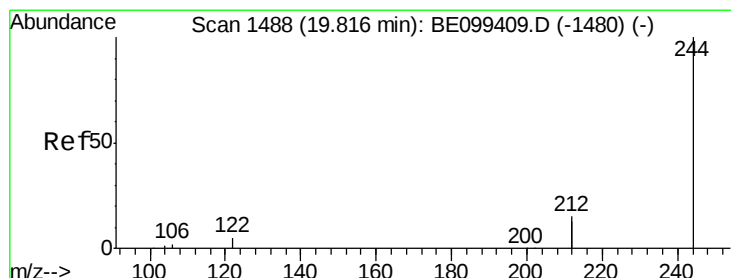
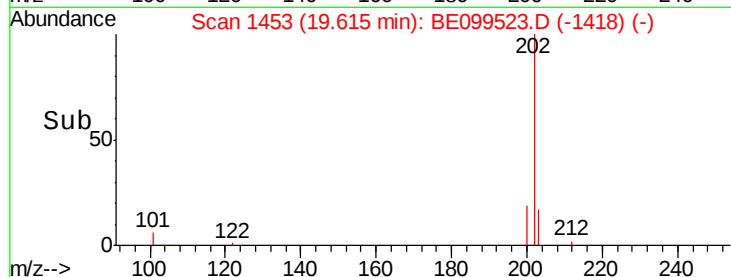
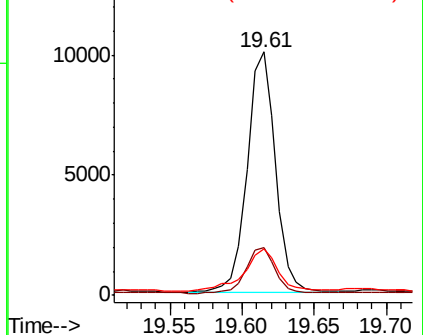
203 20.7 13.9 20.9



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: 173.265 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

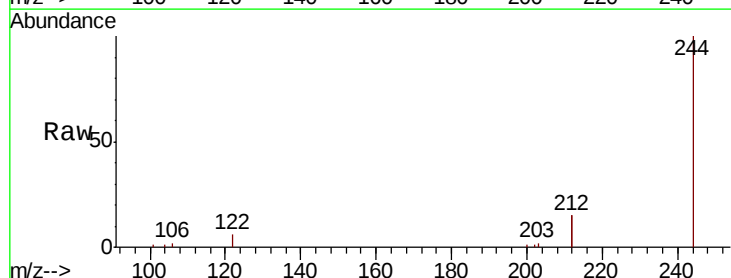
Tgt Ion:244 Resp: 16500

Ion Ratio Lower Upper

244 100

212 29.6 23.2 34.8

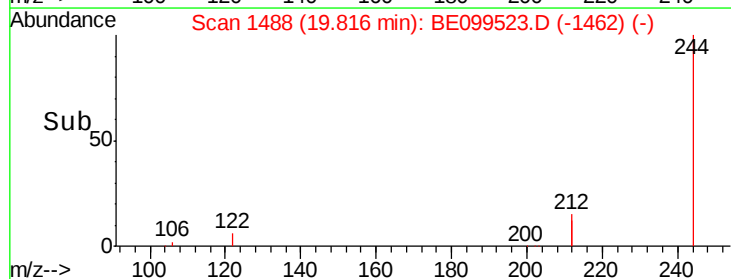
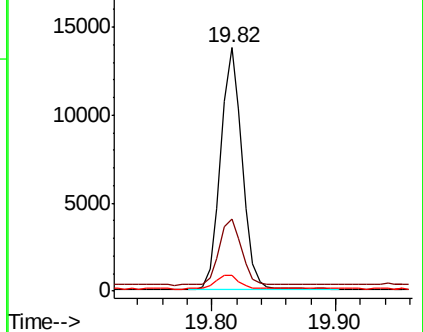
122 6.5 4.2 6.4#

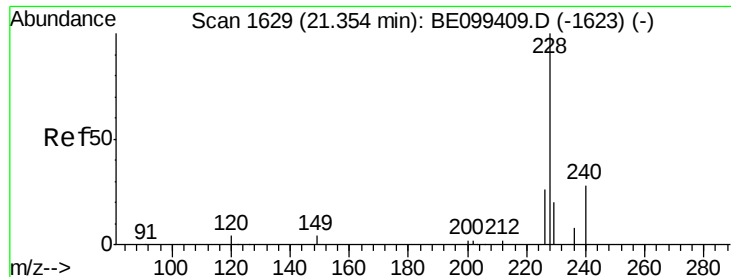


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 51.889 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.05 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

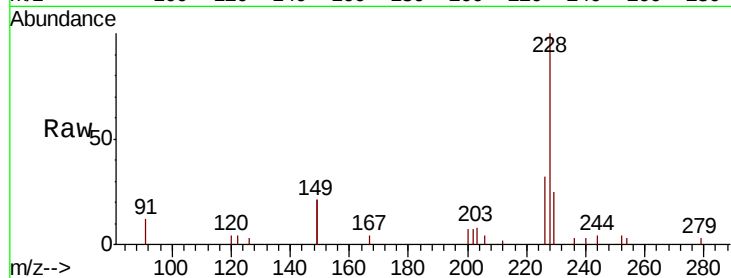
Tot Ion:228 Resp: 8597

Ion Ratio Lower Upper

228 100

226 31.8 21.0 31.6#

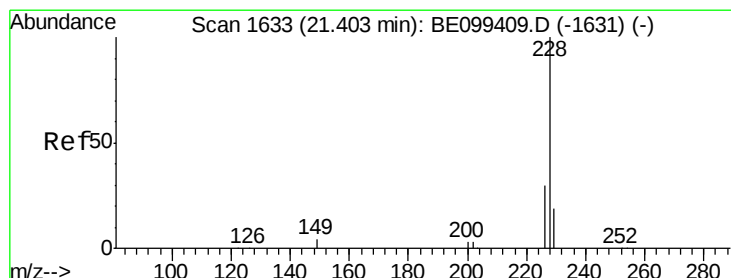
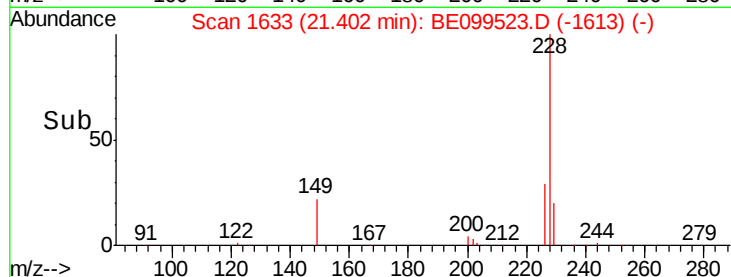
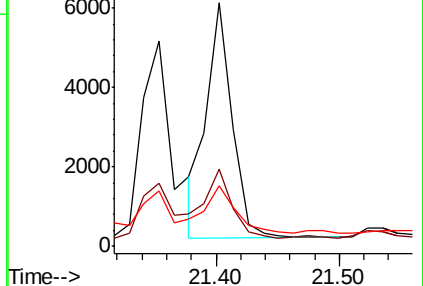
229 25.1 16.6 25.0#



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



#31

Chrysene

Concen: 52.761 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

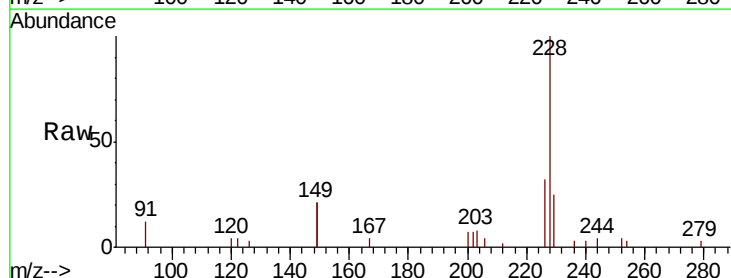
Tgt Ion:228 Resp: 8554

Ion Ratio Lower Upper

228 100

226 31.8 24.0 36.0

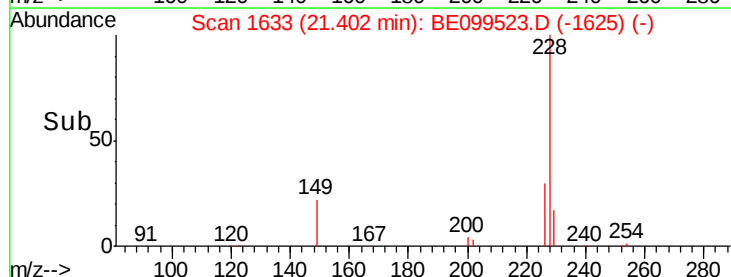
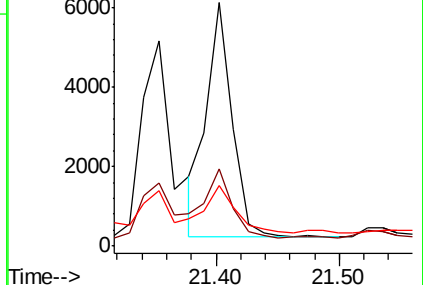
229 25.1 15.8 23.8#

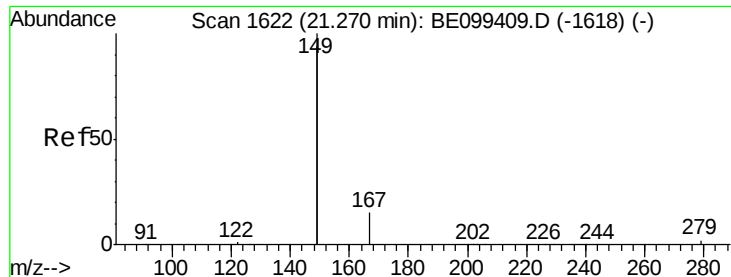


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

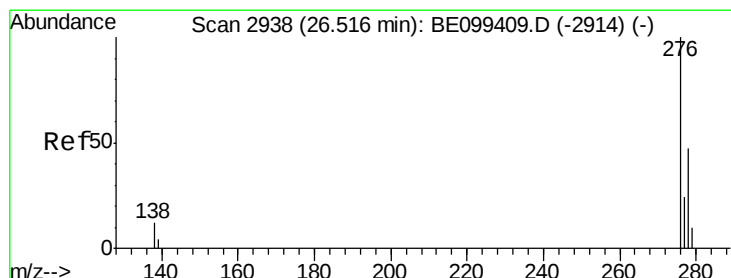
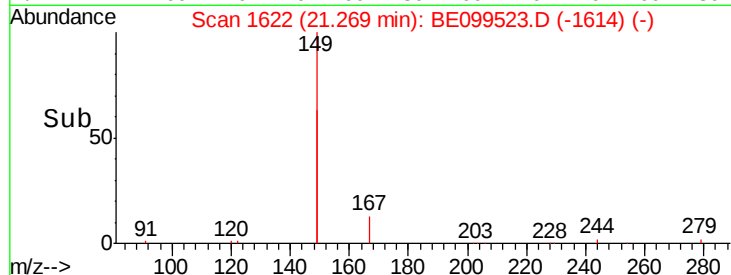
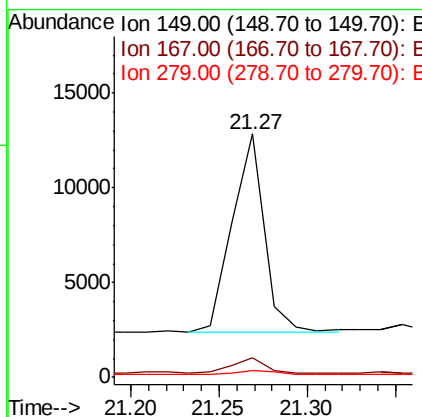
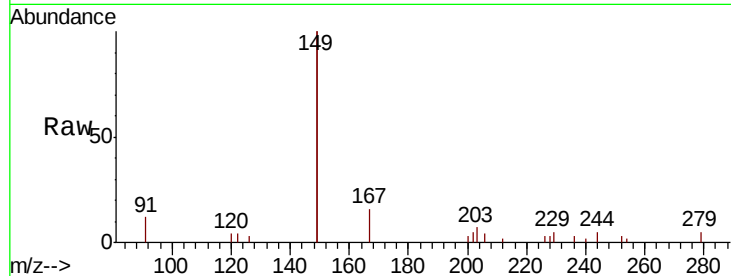




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 56.896 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BE099523.D
 Acq: 3 May 2019 9:43

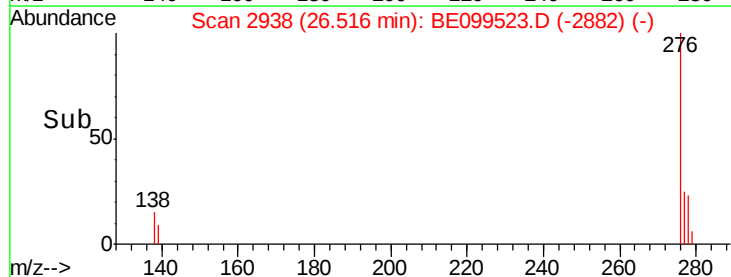
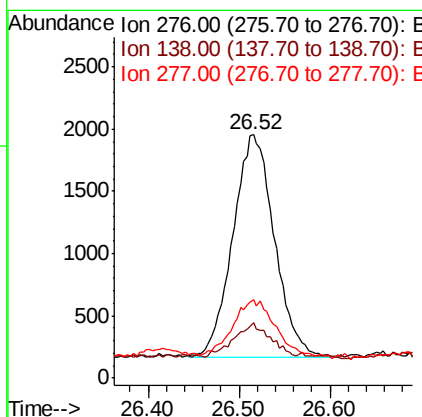
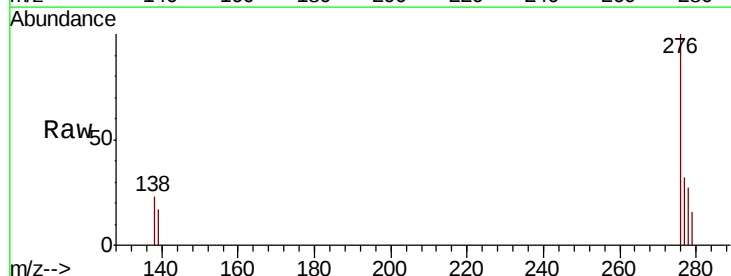
Instrument :
 BNA_E
 ClientSampleId :
 PST-001-SW098-042419

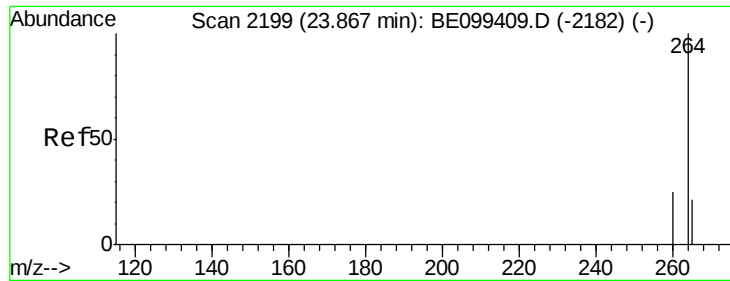
Tot Ion:149 Resp: 13311
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.8 8.6
 279 2.2 1.0 1.6#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 29.778 ng
 RT: 26.52 min Scan# 2938
 Delta R.T. -0.00 min
 Lab File: BE099523.D
 Acq: 3 May 2019 9:43

Tgt Ion:276 Resp: 5706
 Ion Ratio Lower Upper
 276 100
 138 13.3 10.2 15.2
 277 24.8 19.2 28.8

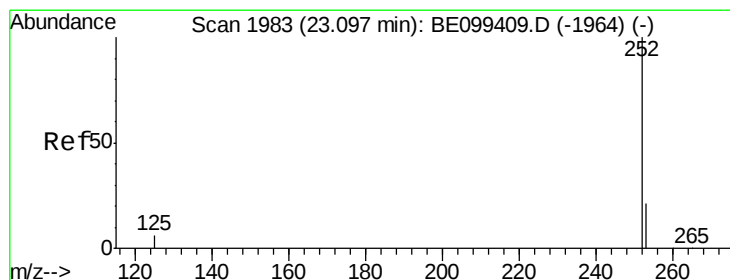
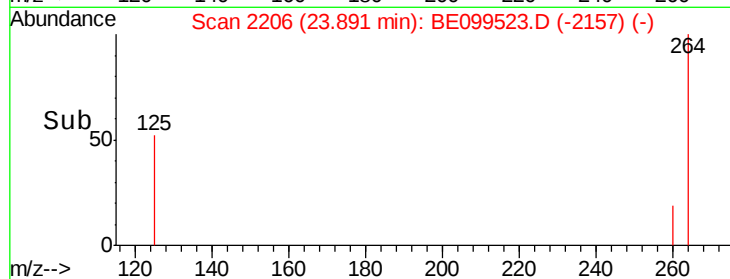
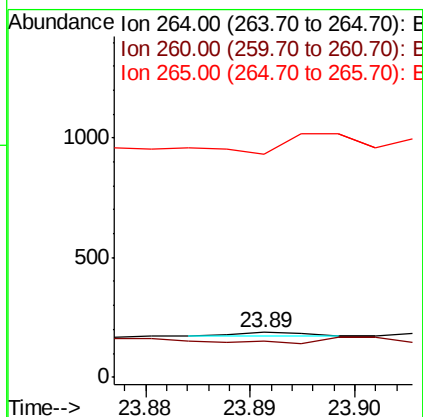
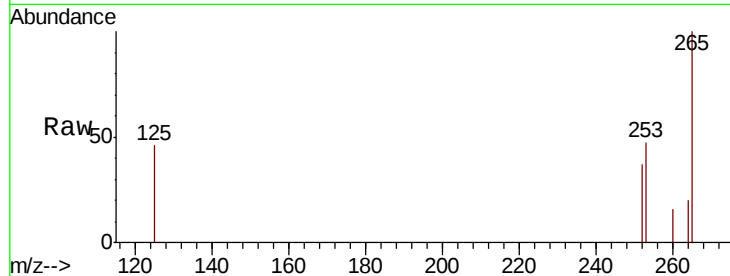




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BE099523.D
Acq: 3 May 2019 9:43

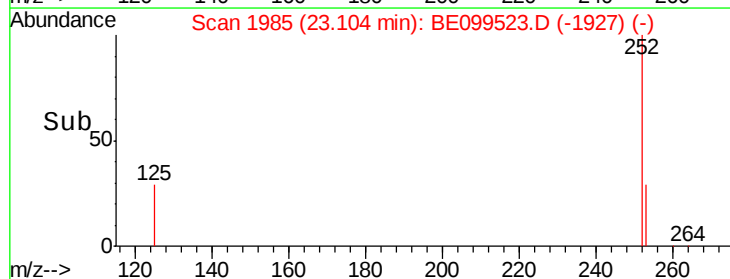
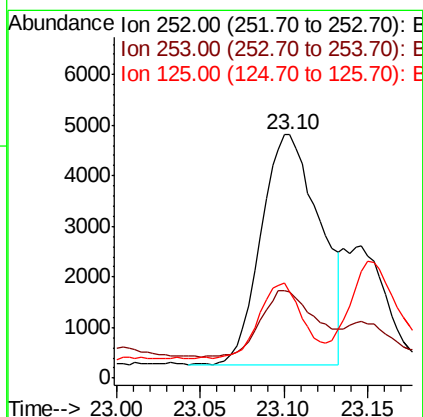
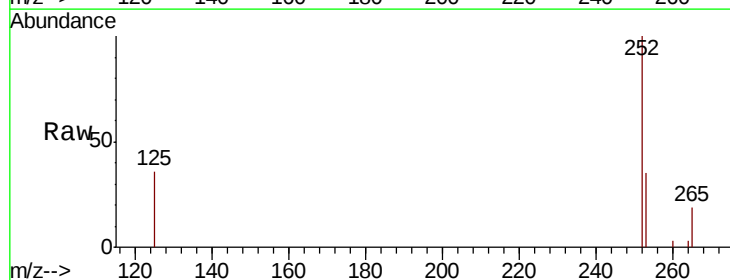
Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

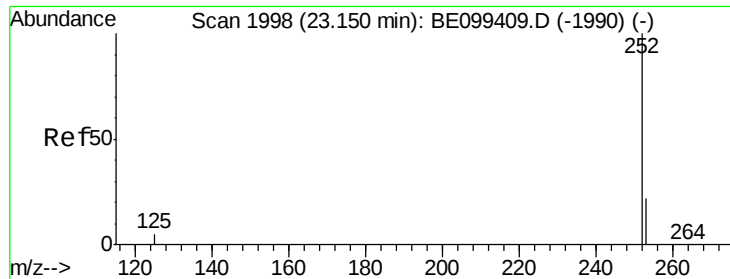
Tot Ion:264 Resp: 9
Ion Ratio Lower Upper
264 100
260 79.8 20.2 30.2#
265 496.3 21.3 31.9#



#35
Benzo(b)fluoranthene
Concen: 429.108 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BE099523.D
Acq: 3 May 2019 9:43

Tgt Ion:252 Resp: 11136
Ion Ratio Lower Upper
252 100
253 35.4 18.1 27.1#
125 35.6 5.6 8.4#

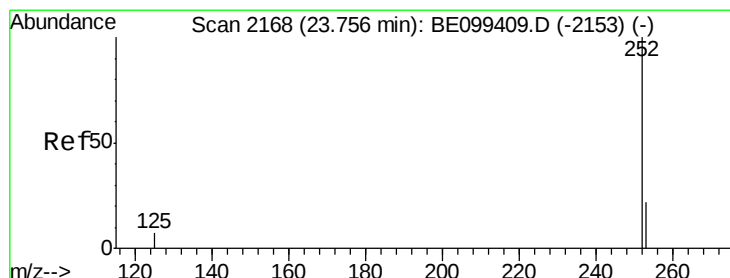
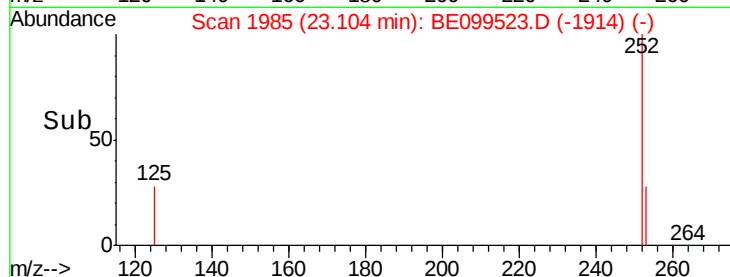
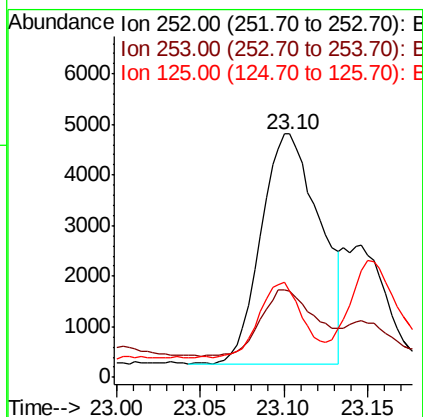
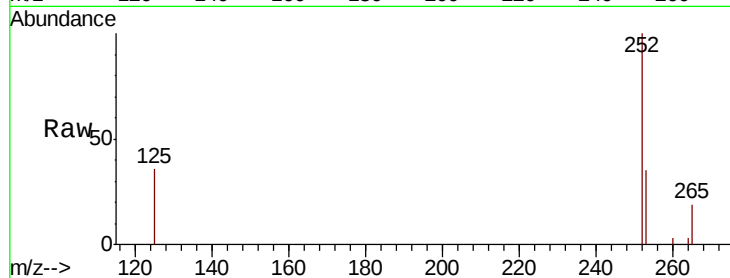




#36
Benzo(k)fluoranthene
Concen: 445.006 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BE099523.D
Acq: 3 May 2019 9:43

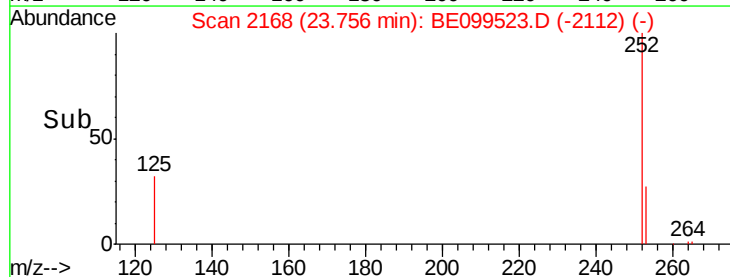
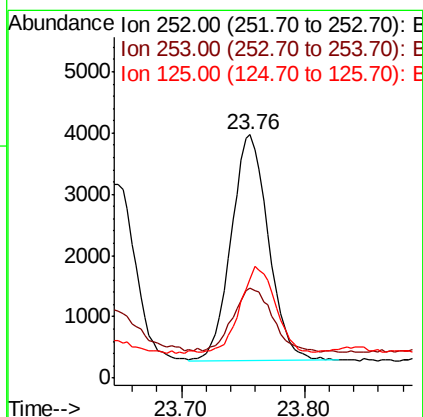
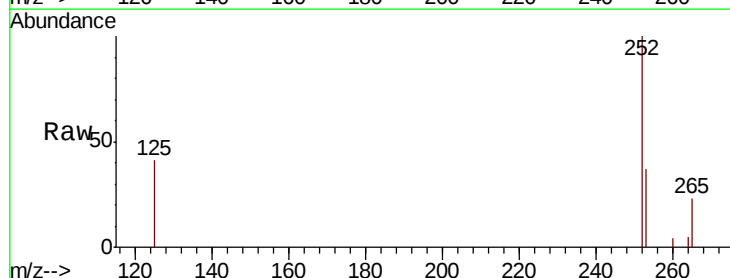
Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

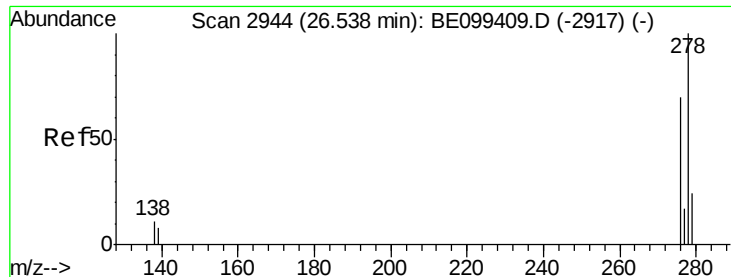
Tot Ion:252 Resp: 11136
Ion Ratio Lower Upper
252 100
253 35.4 18.4 27.6#
125 35.6 5.0 7.4#



#37
Benzo(a)pyrene
Concen: 314.050 ng
RT: 23.76 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099523.D
Acq: 3 May 2019 9:43

Tgt Ion:252 Resp: 7705
Ion Ratio Lower Upper
252 100
253 37.1 18.9 28.3#
125 40.5 6.7 10.1#





#38

Dibenzo(a,h)anthracene

Concen: 69.810 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

Instrument :

BNA_E

ClientSampleId :

PST-001-SW098-042419

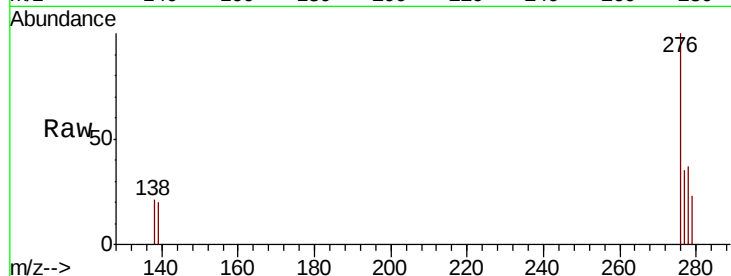
Tot Ion:278 Resp: 1752

Ion Ratio Lower Upper

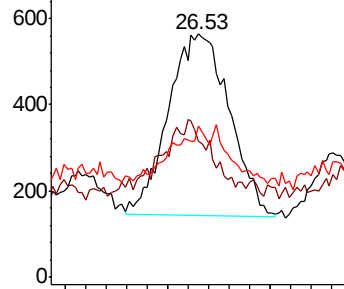
278 100

139 55.9 7.7 11.5#

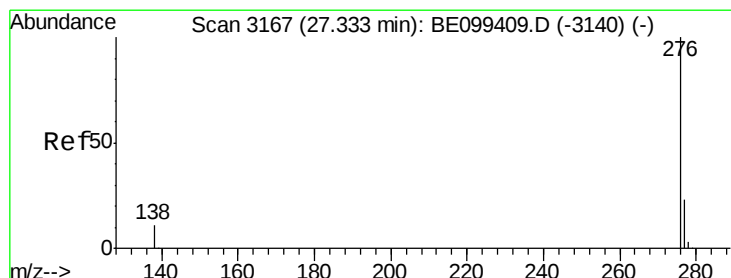
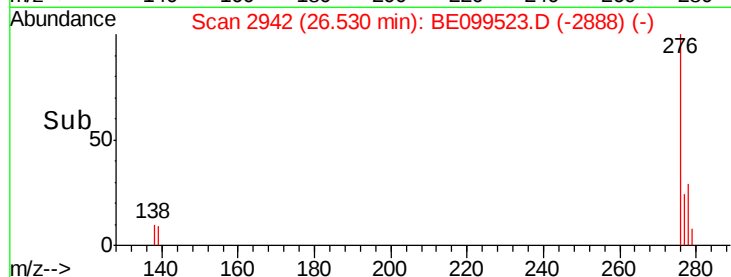
279 62.4 20.2 30.2#



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



Time--> 26.40 26.50 26.60



#39

Benzo(g,h,i)perylene

Concen: 232.419 ng

RT: 27.34 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BE099523.D

Acq: 3 May 2019 9:43

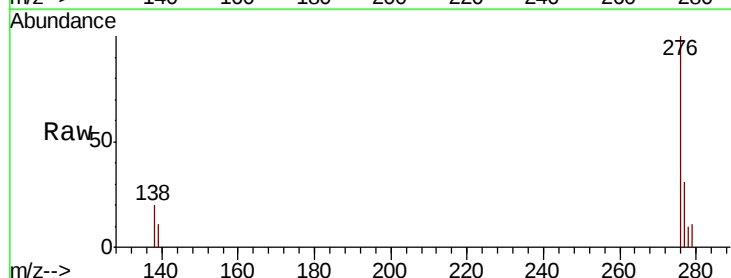
Tgt Ion:276 Resp: 5844

Ion Ratio Lower Upper

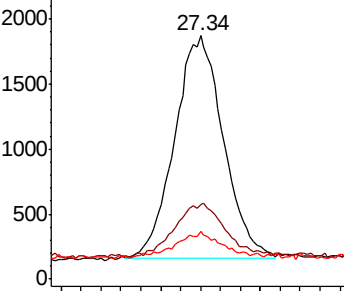
276 100

277 30.9 19.5 29.3#

138 19.8 9.6 14.4#



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



Time--> 27.20 27.30 27.40

