

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
 Data File : BE099502.D
 Acq On : 2 May 2019 20:32
 Operator : JU/SJ
 Sample : K2589-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B196-042519MS

Quant Time: May 03 02:11:04 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	7.80	152	2254	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7629	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5536	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	17237	0.40	ng	0.00
27) Chrysene-d12	21.37	240	25361	0.40	ng	0.00
34) Perylene-d12	23.87	264	29188	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1706	0.27	ng	0.00
5) Phenol-d6	6.96	99	2635	0.32	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2052	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4336	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1052	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	5059	0.24	ng	-0.02
25) Fluoranthene-d10	19.22	212	57515	0.25	ng	0.00
29) Terphenyl-d14	19.82	244	12959	0.28	ng	0.00

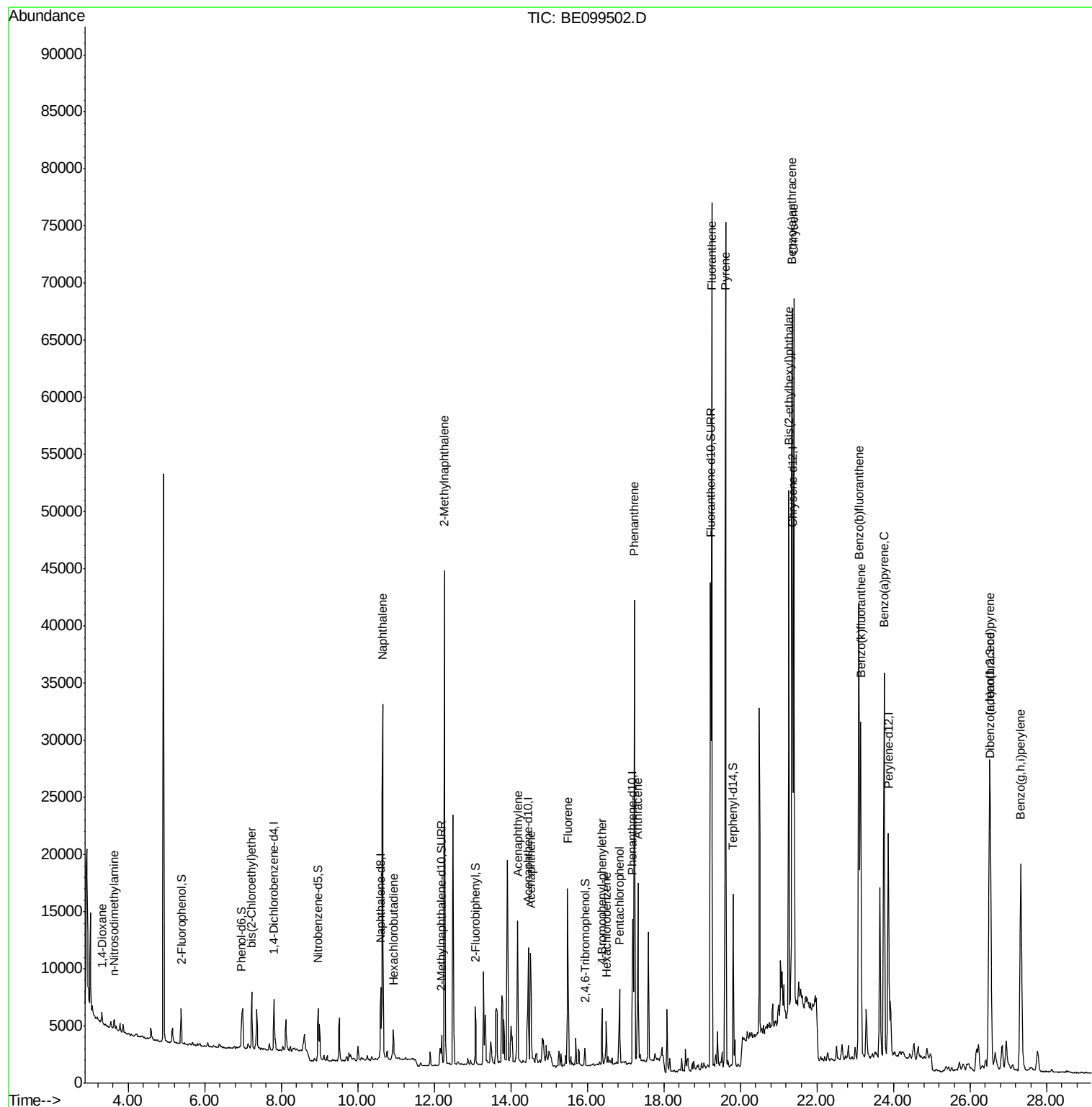
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	708	0.228	ng	# 63
3) n-Nitrosodimethylamine	3.62	42	699	0.374	ng	# 83
6) bis(2-Chloroethyl)ether	7.23	93	1789	0.250	ng	90
9) Naphthalene	10.65	128	50359	0.606	ng	100
10) Hexachlorobutadiene	10.93	225	1488	0.257	ng	98
12) 2-Methylnaphthalene	12.27	142	28626	1.980	ng	97
16) Acenaphthylene	14.18	152	16197	0.598	ng	98
17) Acenaphthene	14.51	154	4774	0.309	ng	97
18) Fluorene	15.49	166	10284	0.451	ng	99
20) 4-Bromophenyl-phenylether	16.39	248	2521	0.251	ng	96
21) Hexachlorobenzene	16.49	284	2296	0.240	ng	95
22) Pentachlorophenol	16.84	266	3267	0.784	ng	96
23) Phenanthrene	17.23	178	41831	0.940	ng	100
24) Anthracene	17.32	178	15695	0.370	ng	98
26) Fluoranthene	19.25	202	69103	1.037	ng	100
28) Pyrene	19.61	202	69466	1.051	ng	97
30) Benzo(a)anthracene	21.35	228	56927	0.705	ng	96
31) Chrysene	21.40	228	53502	0.677	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	51360	0.379	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	49460	0.529	ng	98
35) Benzo(b)fluoranthene	23.10	252	62315	0.740	ng	# 96
36) Benzo(k)fluoranthene	23.15	252	40075	0.494	ng	# 97
37) Benzo(a)pyrene	23.76	252	52019	0.654	ng	99
38) Dibenzo(a,h)anthracene	26.54	278	27951	0.343	ng	98
39) Benzo(g,h,i)perylene	27.33	276	45660	0.560	ng	99

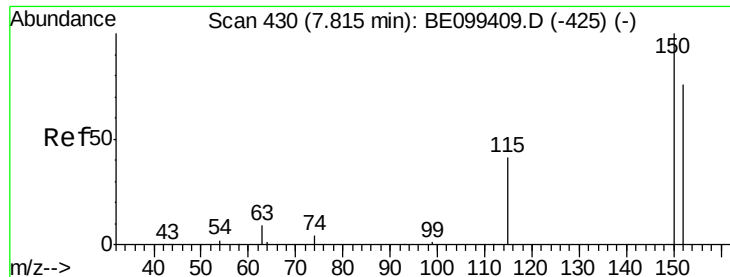
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 29 18:36:43 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

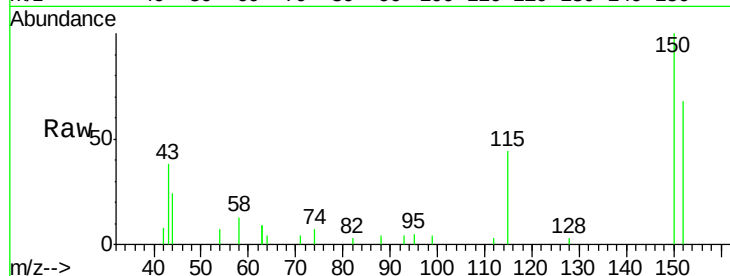
Tot Ion:152 Resp: 2254

Ion Ratio Lower Upper

152 100

150 147.4 104.8 157.2

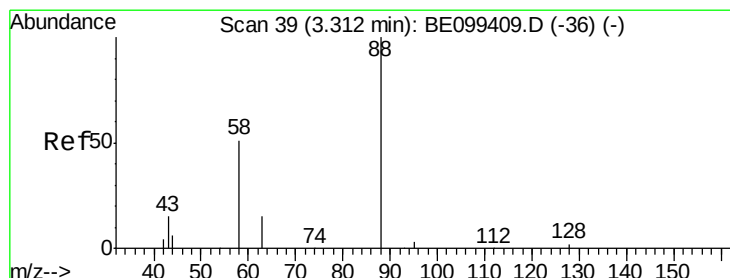
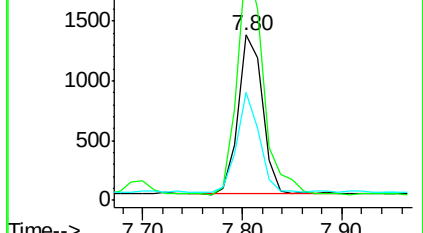
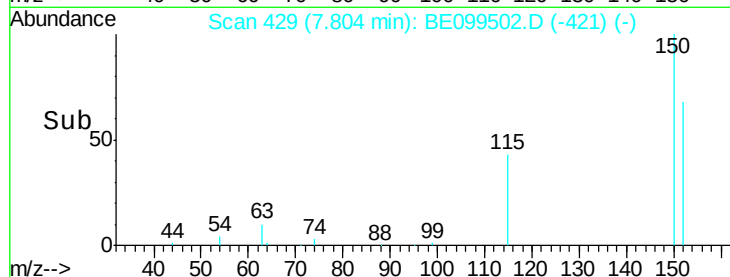
115 65.5 46.6 69.8



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: 0.228 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

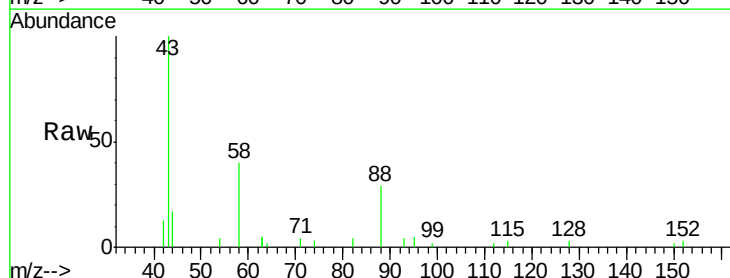
Tgt Ion: 88 Resp: 708

Ion Ratio Lower Upper

88 100

58 64.0 51.0 76.6

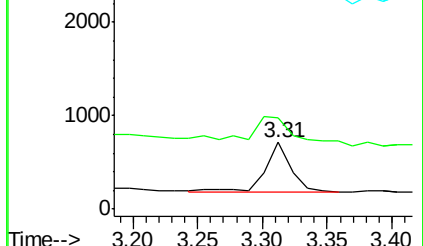
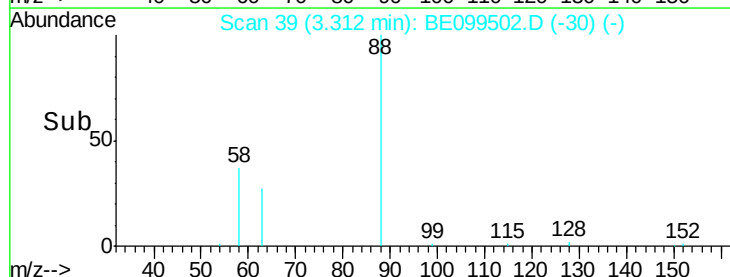
43 90.0 20.6 30.8#

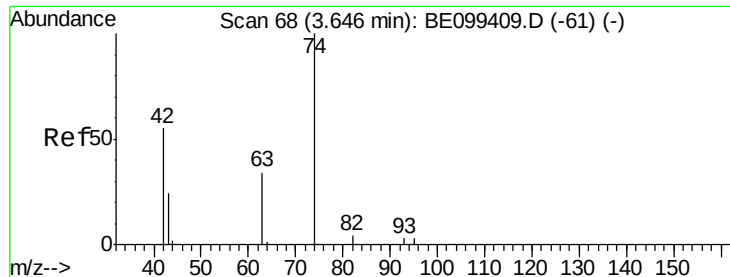


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.374 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

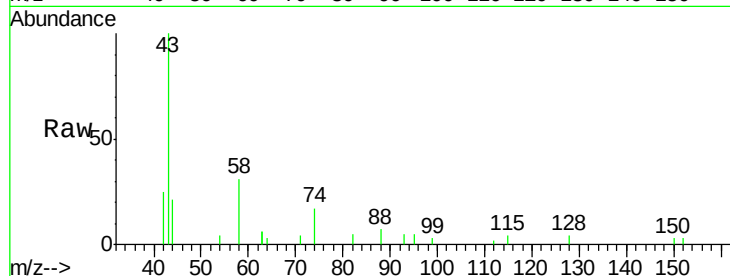
Tot Ion: 42 Resp: 699

Ion Ratio Lower Upper

42 100

74 152.6 141.6 212.4

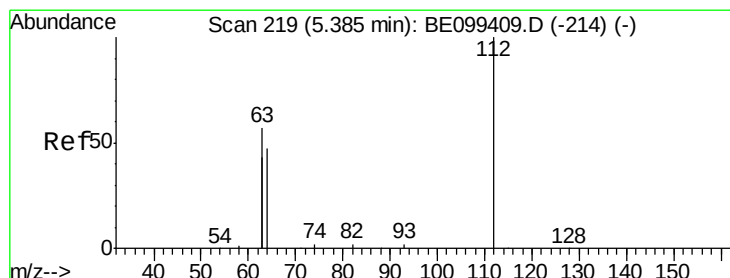
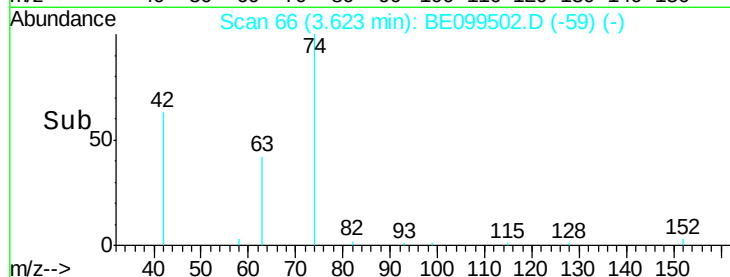
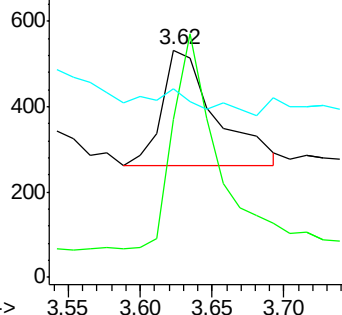
44 14.7 0.0 0.0#



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: 0.274 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

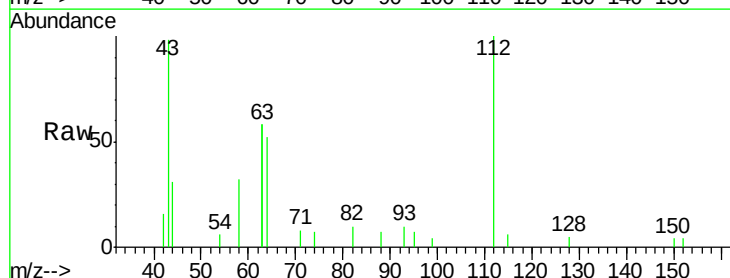
Tgt Ion: 112 Resp: 1706

Ion Ratio Lower Upper

112 100

64 59.4 47.4 71.0

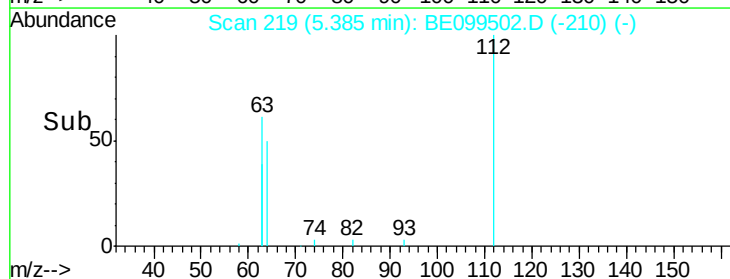
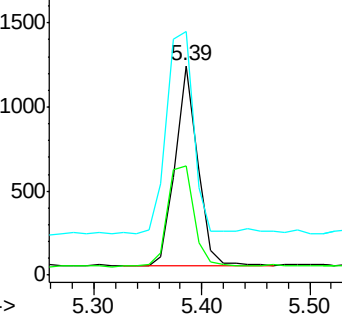
63 120.3 104.3 156.5

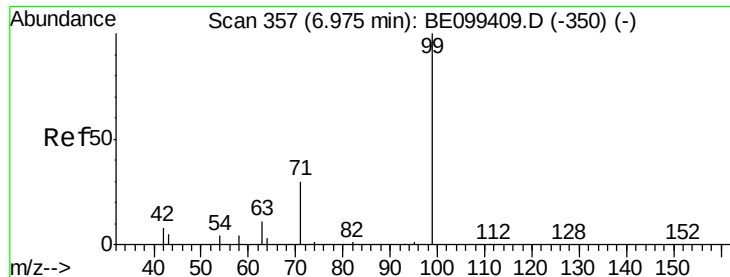


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.318 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

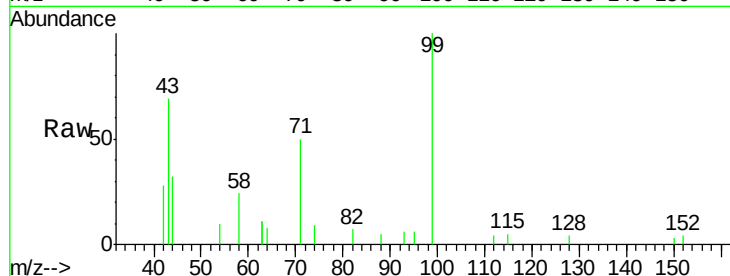
Tot Ion: 99 Resp: 2635

Ion Ratio Lower Upper

99 100

42 20.2 14.9 22.3

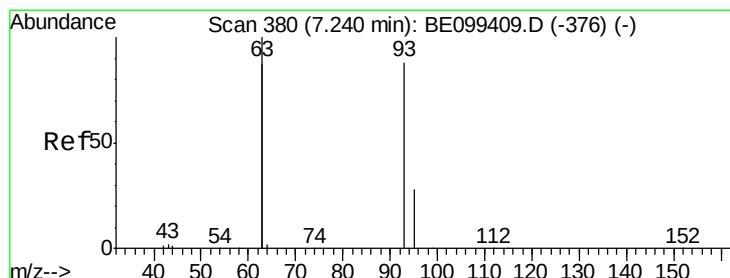
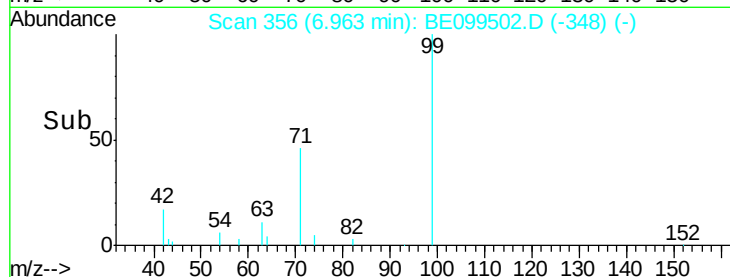
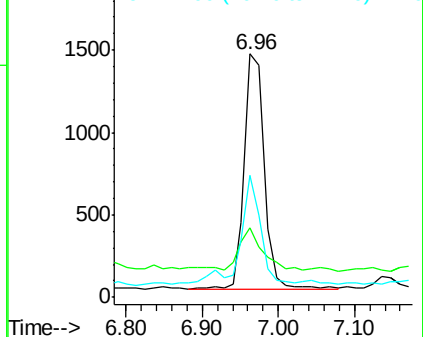
71 42.4 33.0 49.6



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: 0.250 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

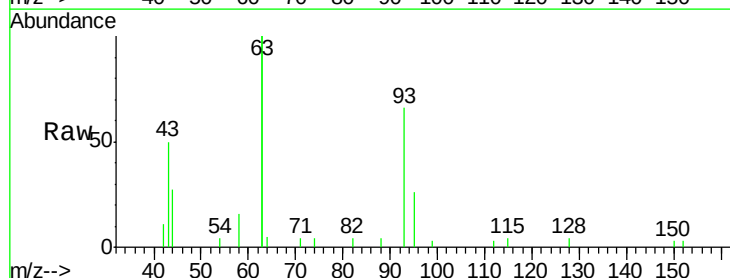
Tgt Ion: 93 Resp: 1789

Ion Ratio Lower Upper

93 100

63 288.7 215.6 323.4

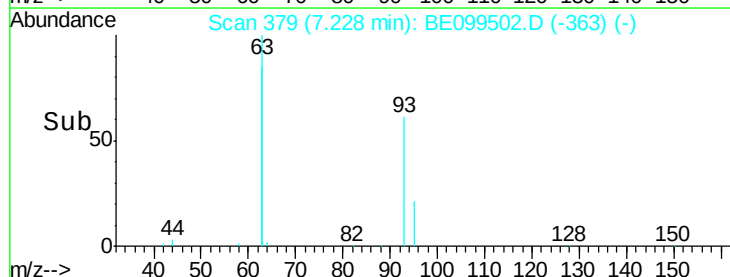
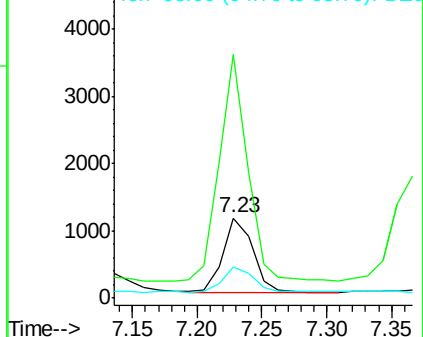
95 37.1 26.2 39.2

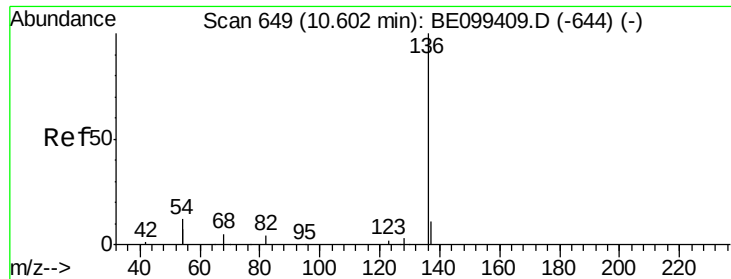


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

Tot Ion:136 Resp: 7629

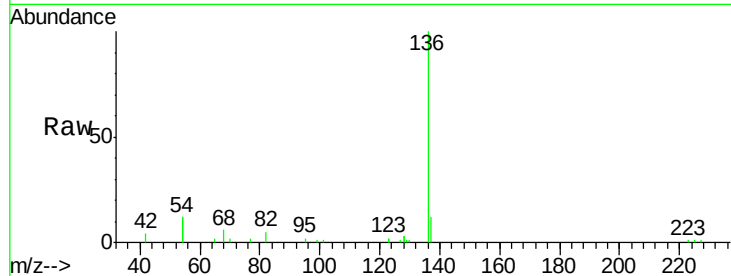
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 23.5 18.5 27.7

68 6.5 4.7 7.1

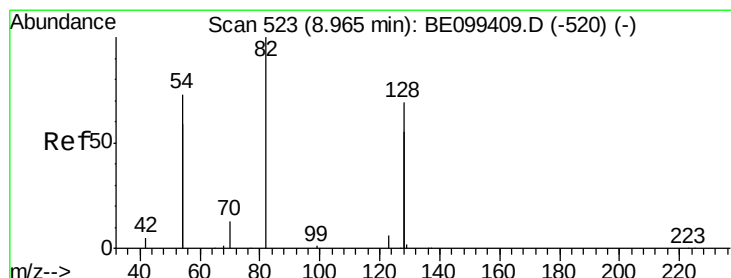
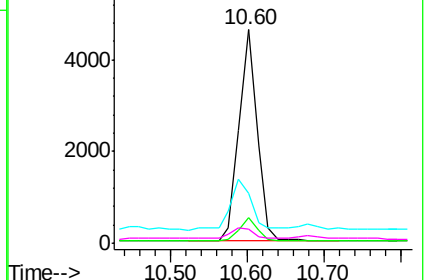
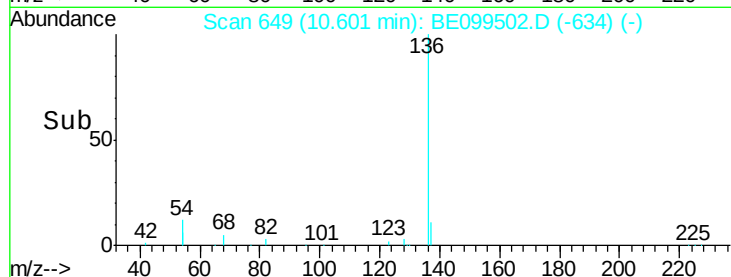


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.287 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

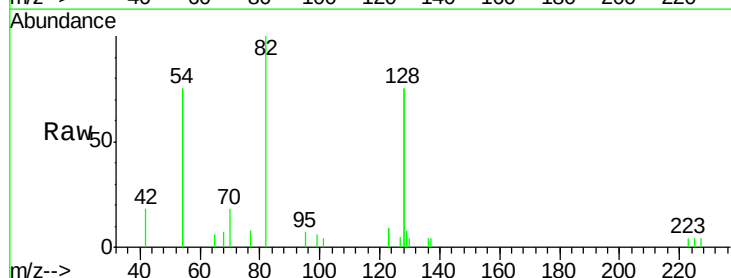
Tgt Ion: 82 Resp: 2052

Ion Ratio Lower Upper

82 100

128 150.7 107.0 160.4

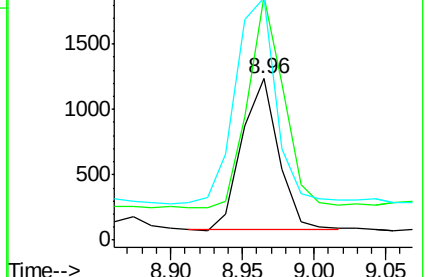
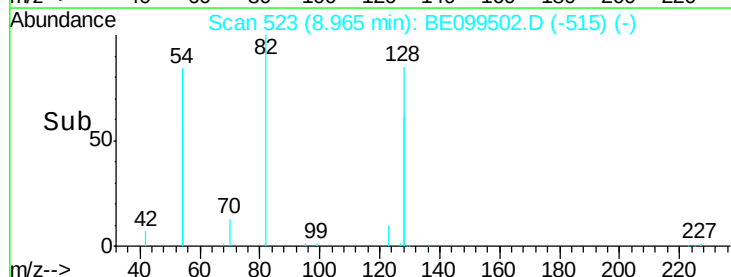
54 149.7 113.1 169.7

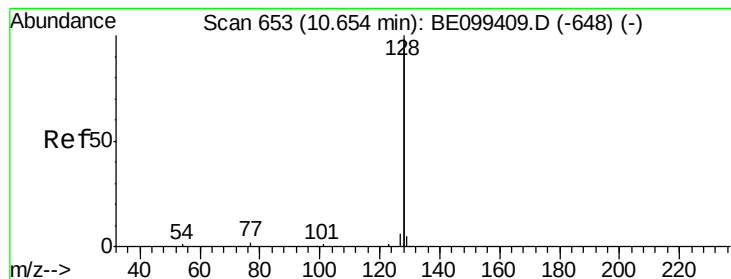


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.606 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

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ClientSampleId :

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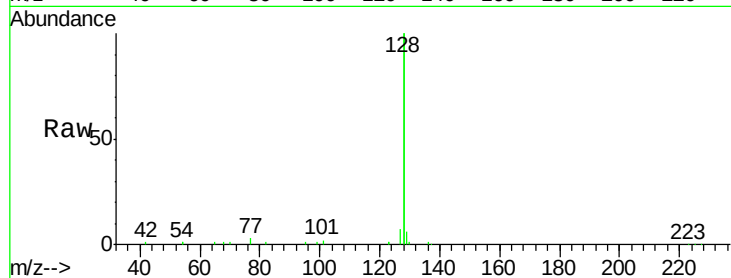
Tot Ion:128 Resp: 50359

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

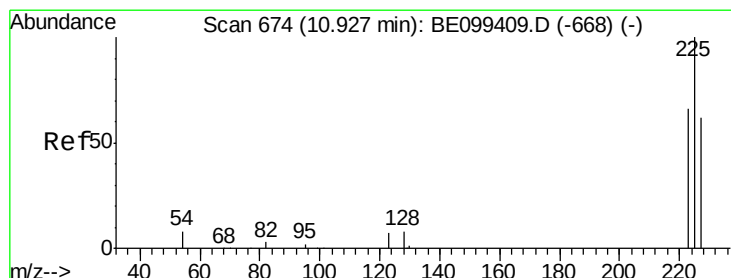
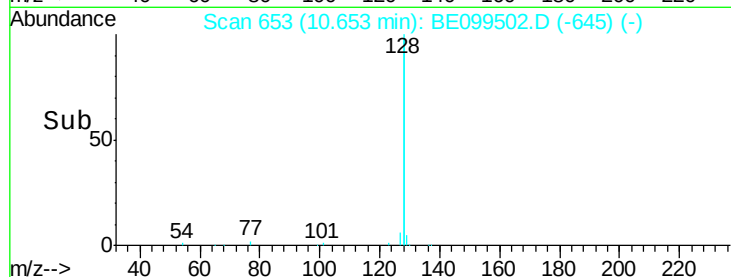
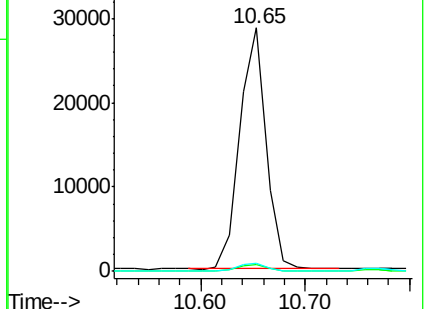
127 3.4 2.8 4.2



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: 0.257 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

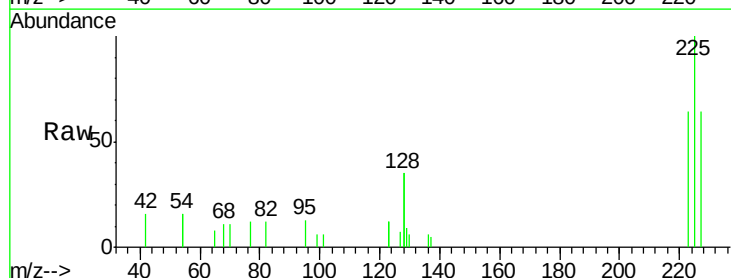
Tgt Ion:225 Resp: 1488

Ion Ratio Lower Upper

225 100

223 62.2 51.0 76.6

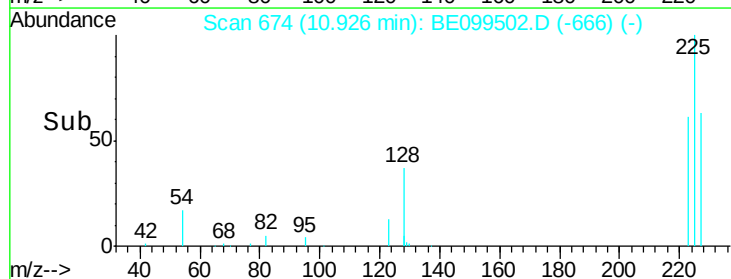
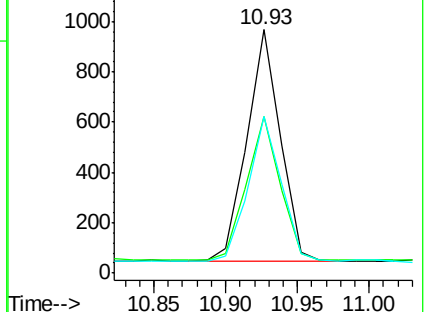
227 61.9 50.9 76.3

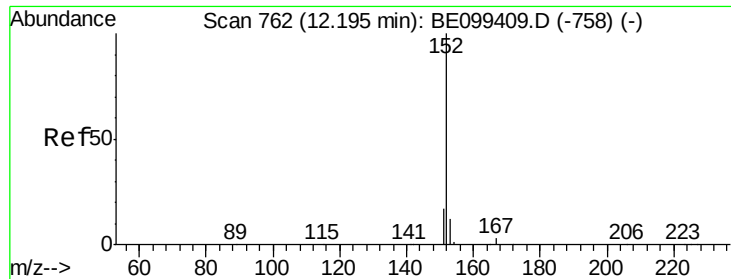


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

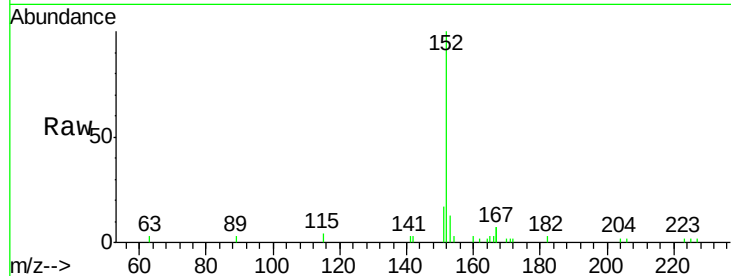




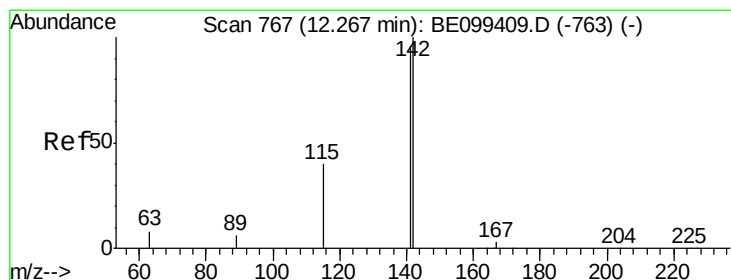
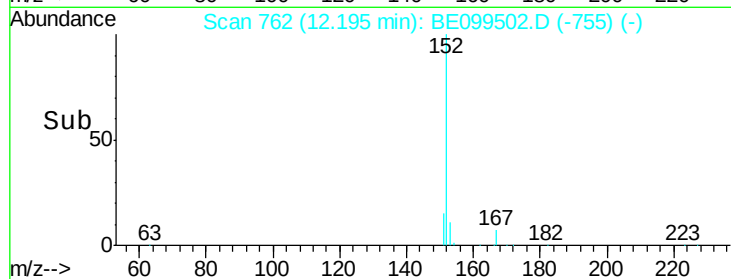
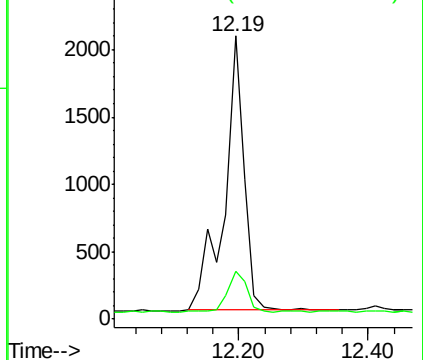
#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tot Ion:152 Resp: 4336
Ion Ratio Lower Upper
152 100
151 14.2 15.5 23.3#

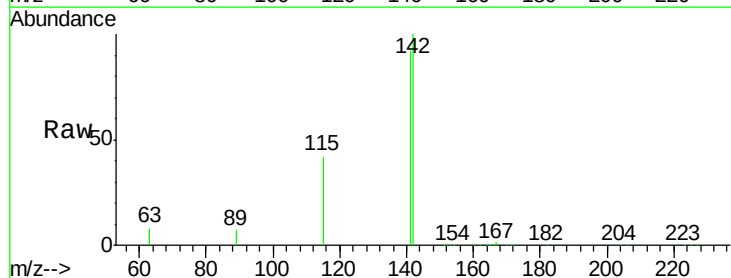


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

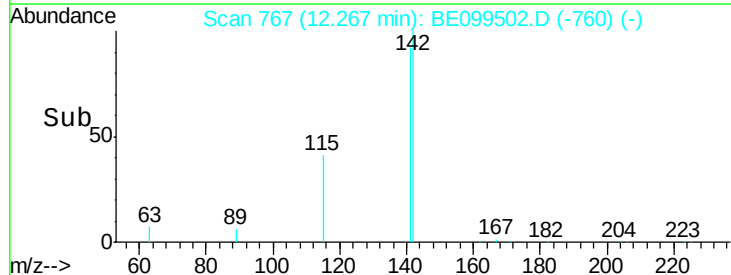
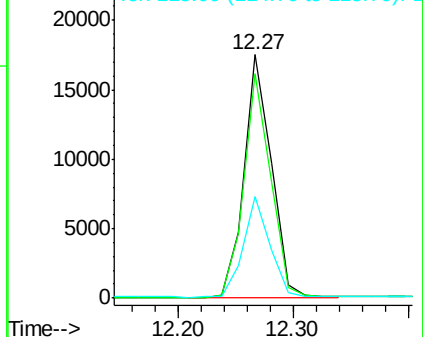


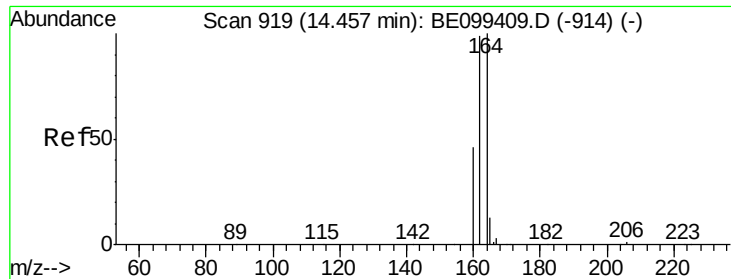
#12
2-Methylnaphthalene
Concen: 1.980 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:142 Resp: 28626
Ion Ratio Lower Upper
142 100
141 92.0 77.0 115.4
115 41.9 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

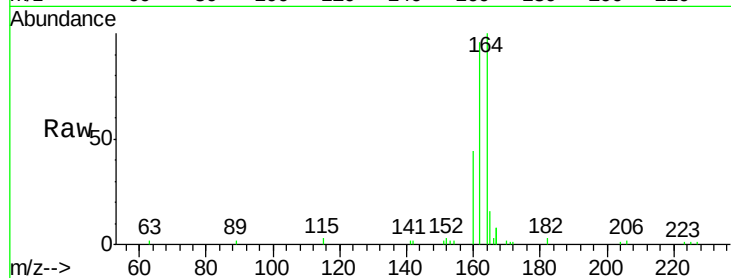




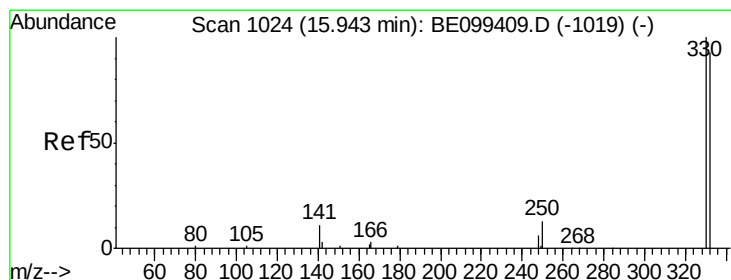
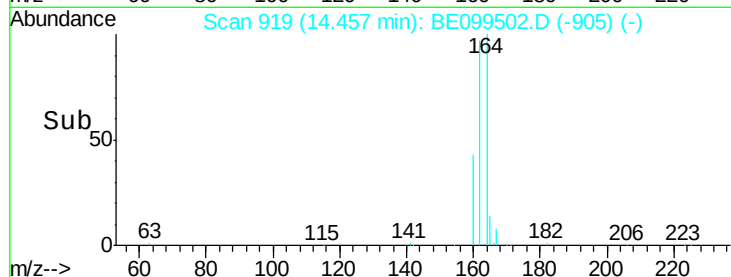
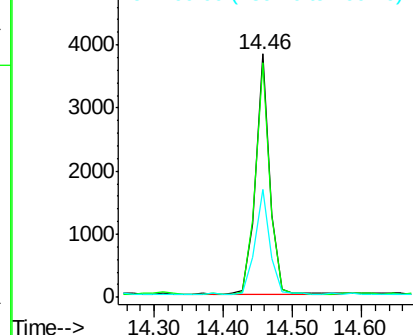
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tot Ion:164 Resp: 5536
Ion Ratio Lower Upper
164 100
162 96.5 79.0 118.4
160 44.1 37.0 55.4

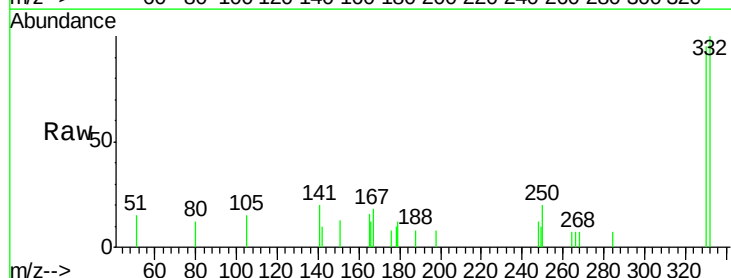


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

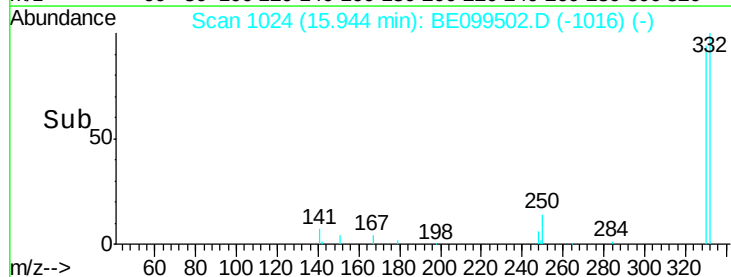
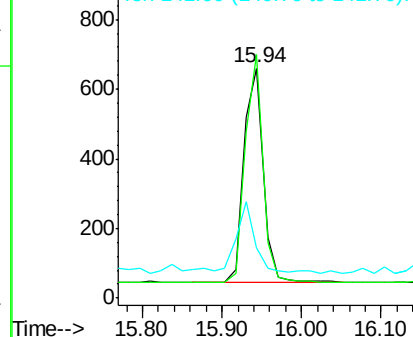


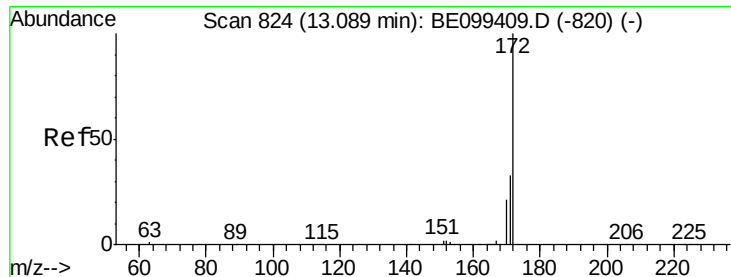
#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:330 Resp: 1052
Ion Ratio Lower Upper
330 100
332 97.7 71.5 107.3
141 28.8 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

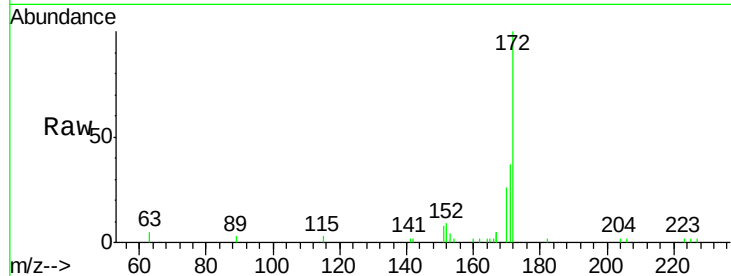




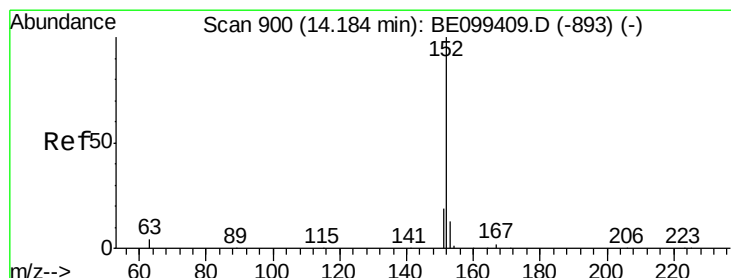
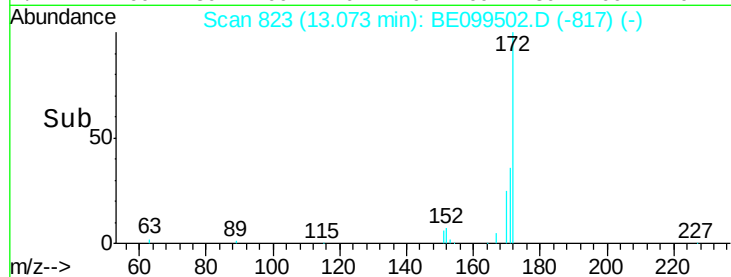
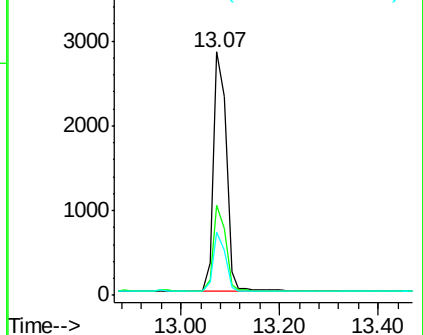
#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tot Ion:172 Resp: 5059
Ion Ratio Lower Upper
172 100
171 37.2 26.6 39.8
170 26.1 17.0 25.6#

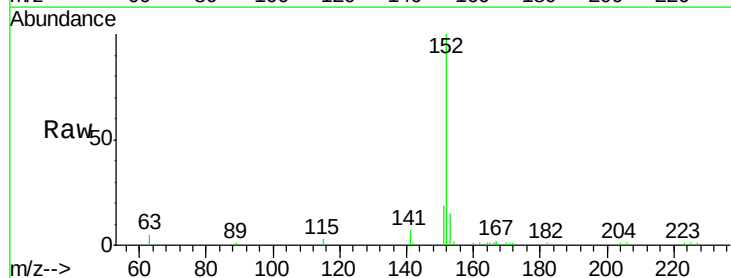


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

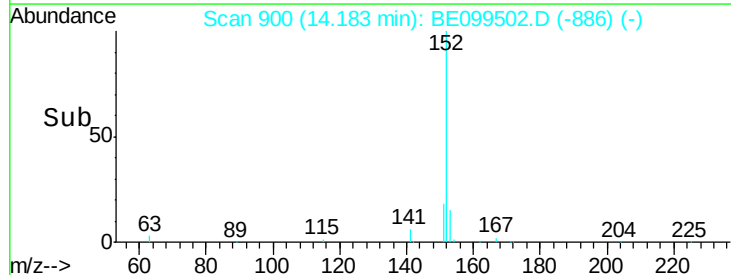
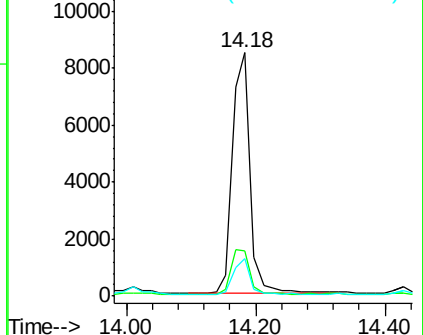


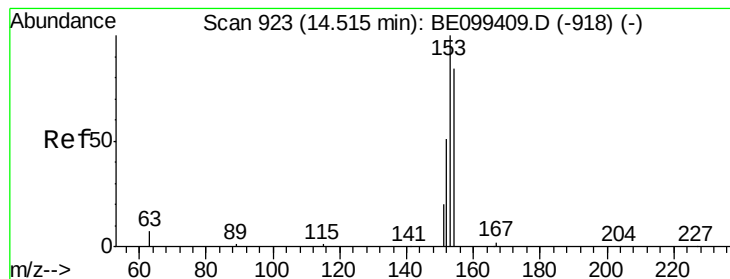
#16
Acenaphthylene
Concen: 0.598 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:152 Resp: 16197
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.8 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: 0.309 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

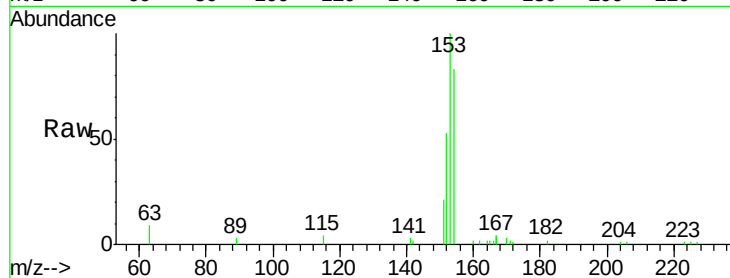
Tot Ion:154 Resp: 4774

Ion Ratio Lower Upper

154 100

153 118.9 92.6 138.8

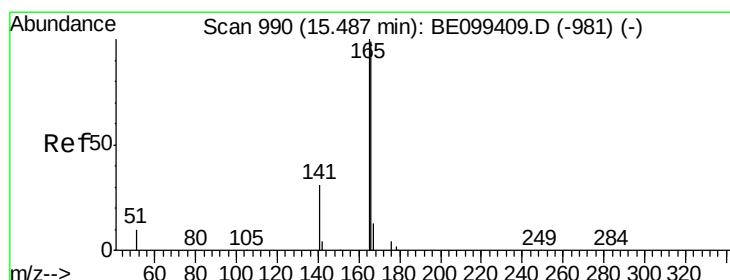
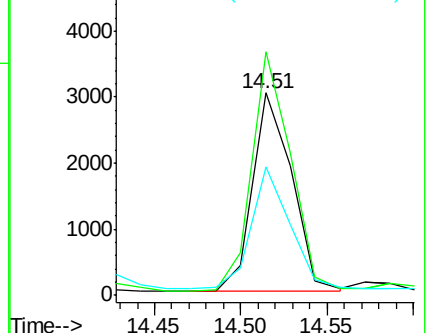
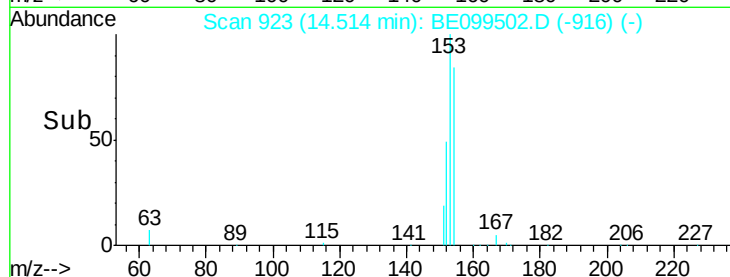
152 60.4 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.451 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

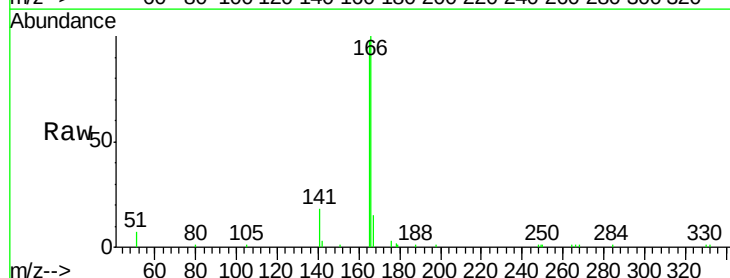
Tgt Ion:166 Resp: 10284

Ion Ratio Lower Upper

166 100

165 101.5 80.3 120.5

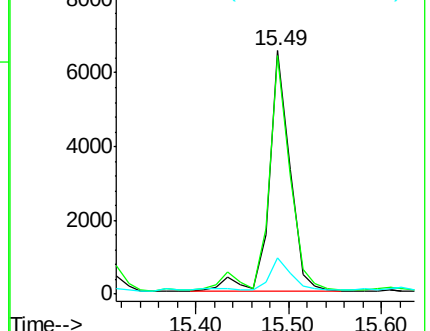
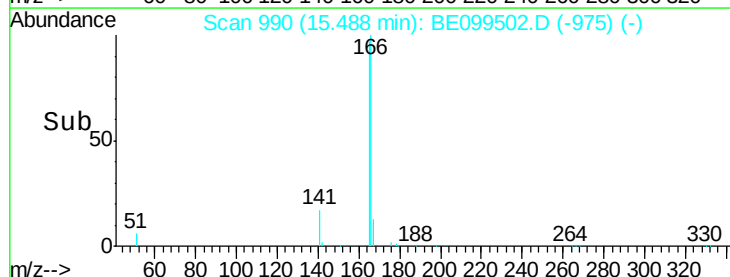
167 14.1 10.7 16.1

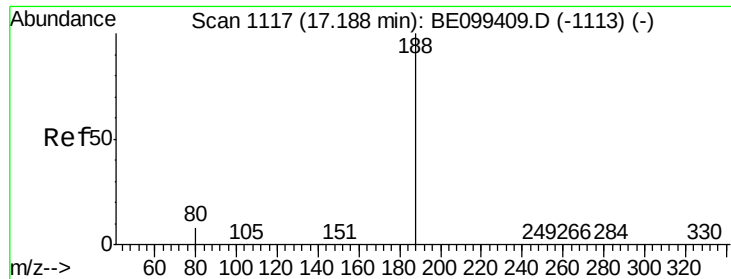


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

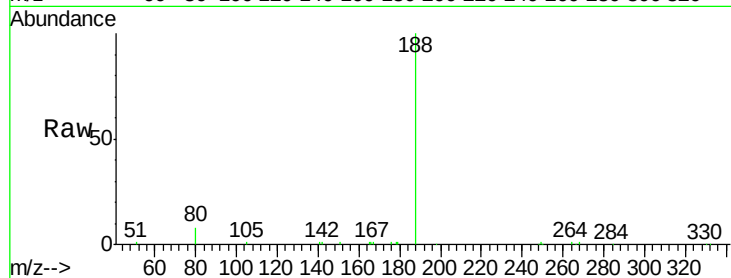
Tot Ion:188 Resp: 17237

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

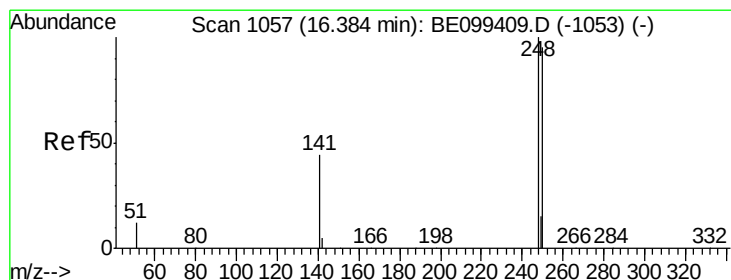
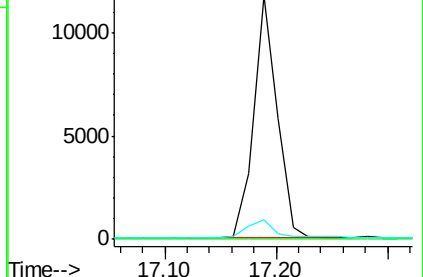
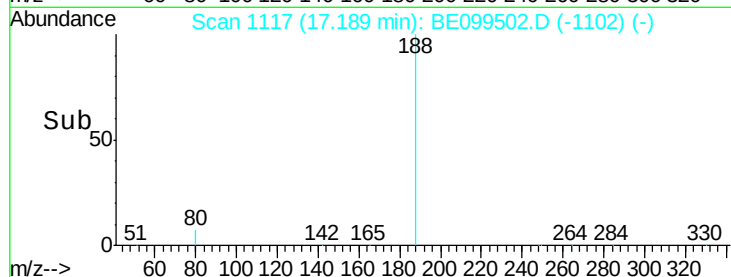
80 7.8 6.7 10.1



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



#20

4-Bromophenyl-phenylether

Concen: 0.251 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

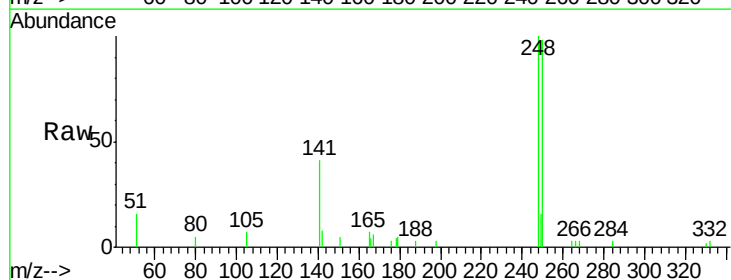
Tgt Ion:248 Resp: 2521

Ion Ratio Lower Upper

248 100

250 98.3 75.8 113.8

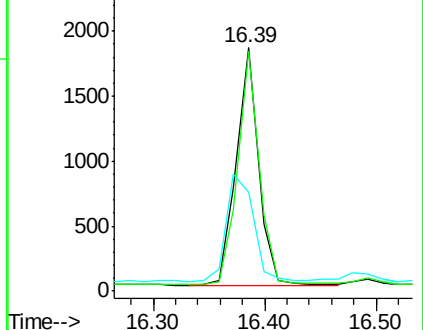
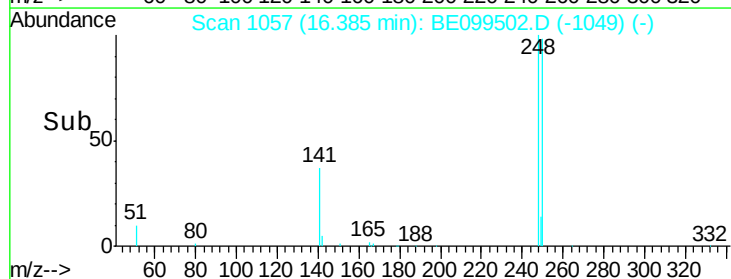
141 40.5 35.7 53.5

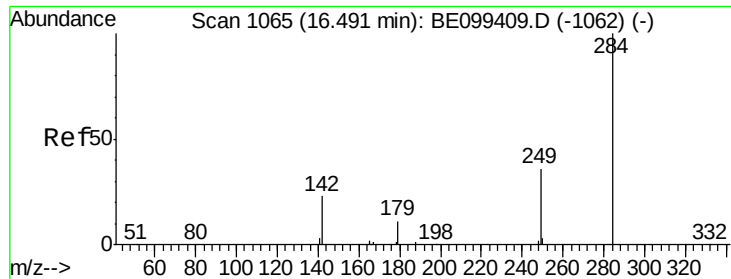


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.240 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

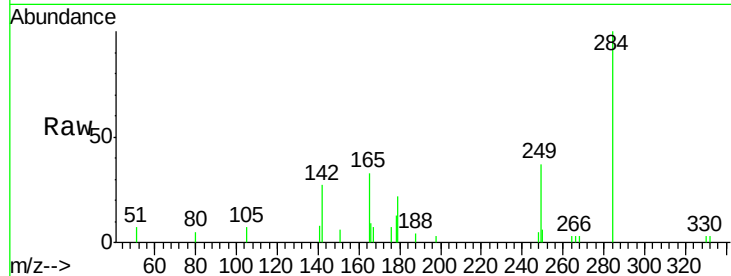
Tot Ion:284 Resp: 2296

Ion Ratio Lower Upper

284 100

142 30.3 21.0 31.6

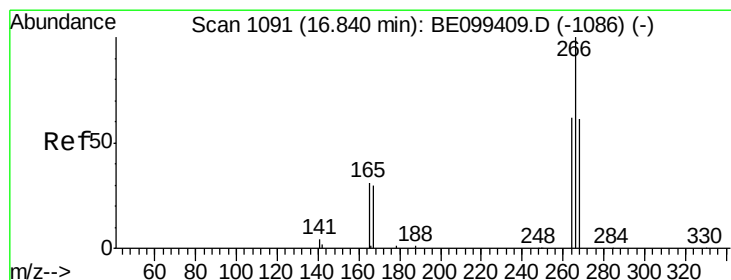
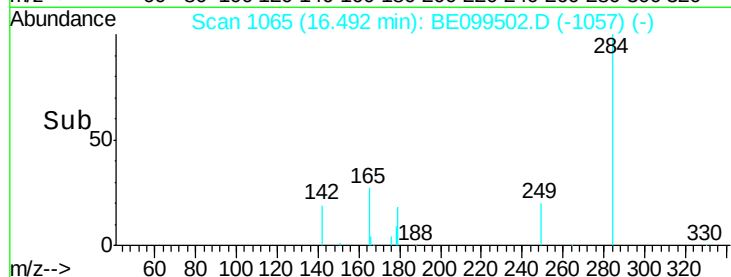
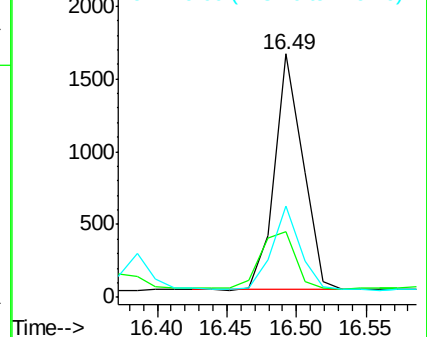
249 34.8 26.7 40.1



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: 0.784 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

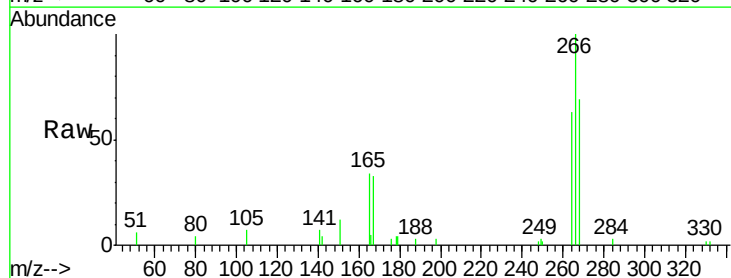
Tgt Ion:266 Resp: 3267

Ion Ratio Lower Upper

266 100

264 63.4 50.8 76.2

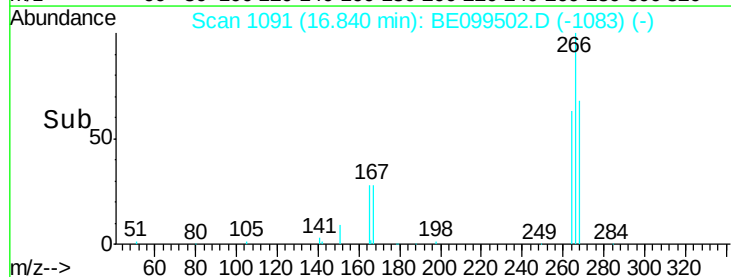
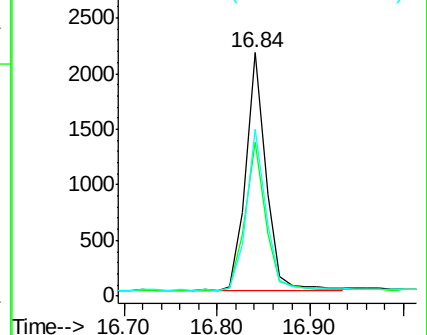
268 68.5 50.5 75.7

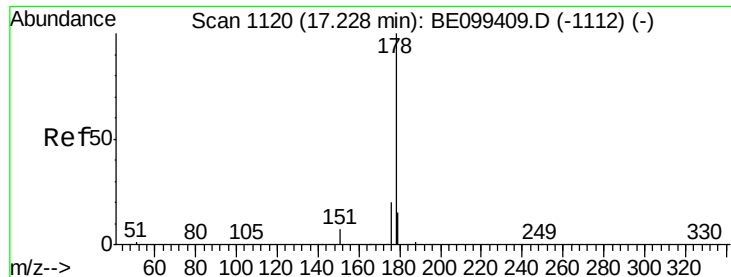


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.940 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

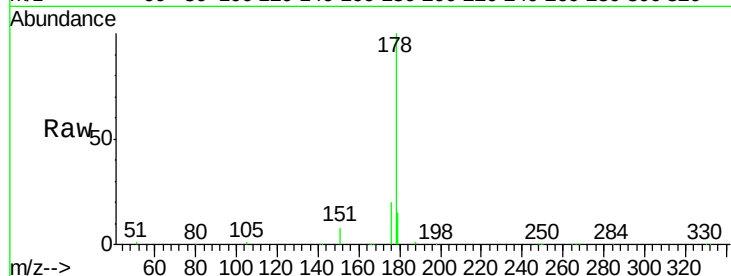
Tot Ion:178 Resp: 41831

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

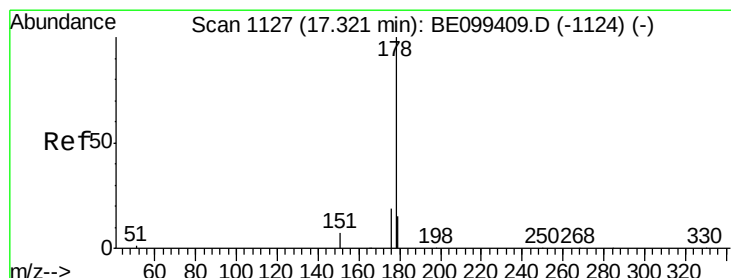
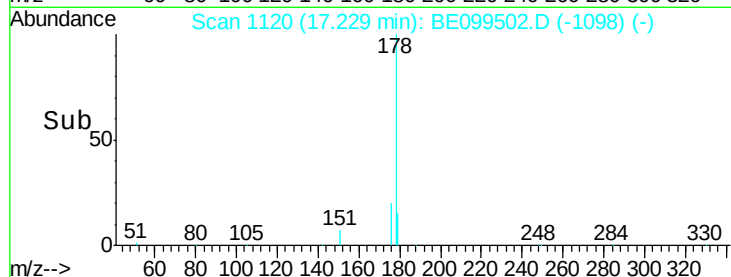
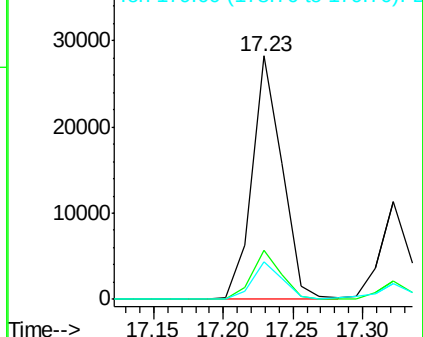
179 15.2 12.0 18.0



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: 0.370 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

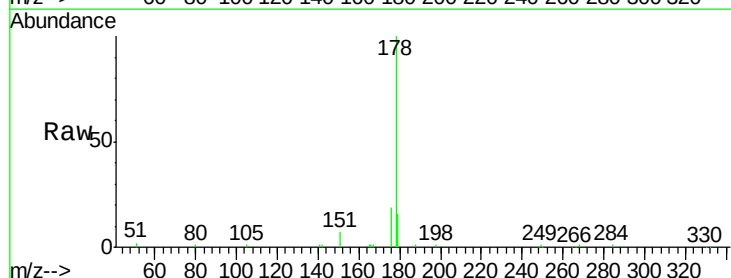
Tgt Ion:178 Resp: 15695

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

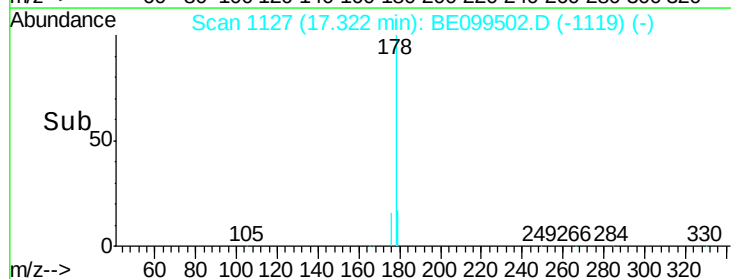
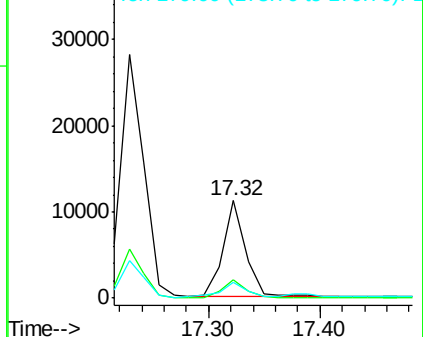
179 16.9 11.9 17.9

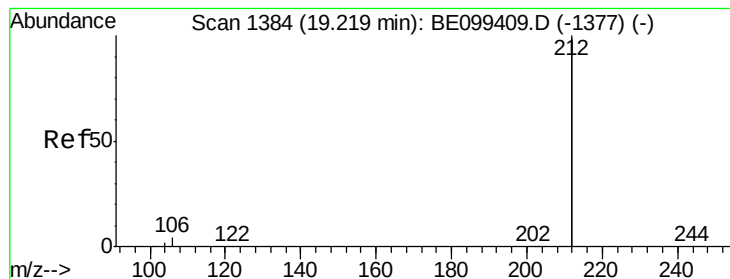


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

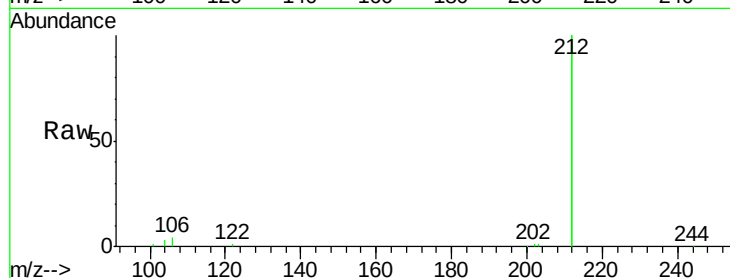
Tot Ion:212 Resp: 57515

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

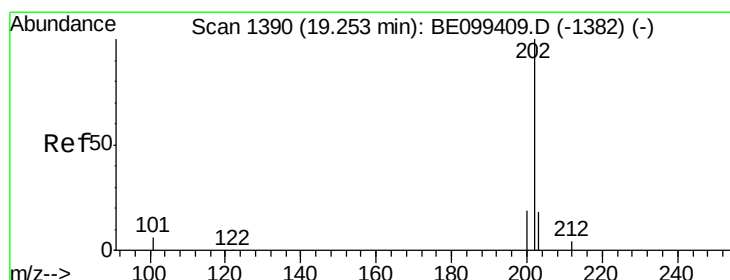
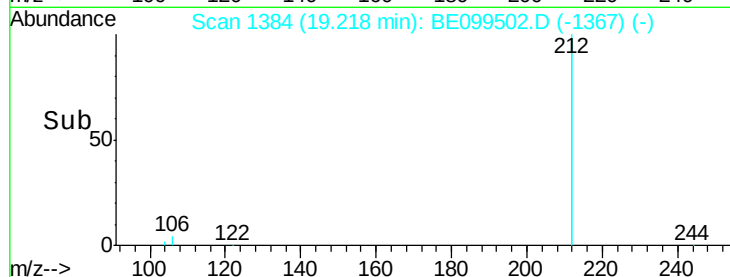
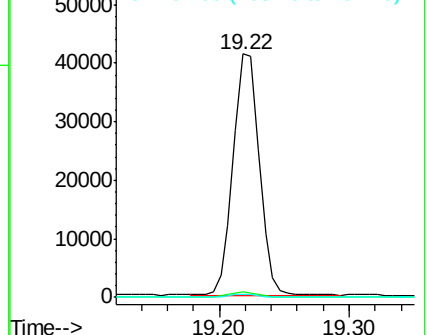
104 1.1 0.9 1.3



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: 1.037 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

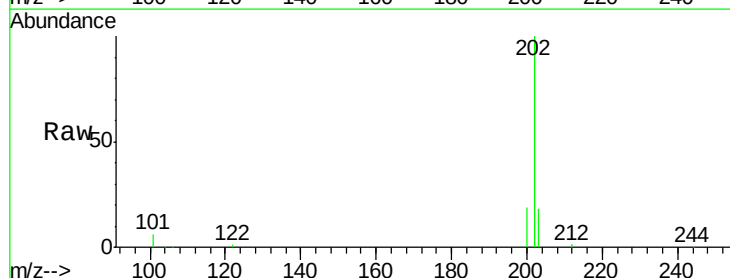
Tgt Ion:202 Resp: 69103

Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.0

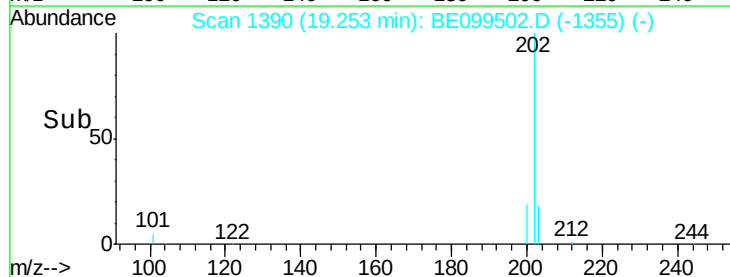
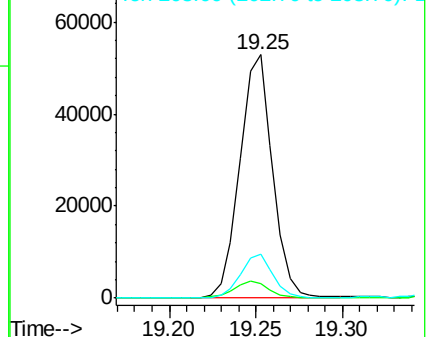
203 17.3 13.9 20.9

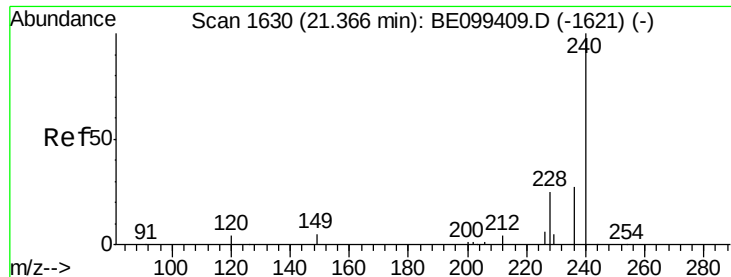


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

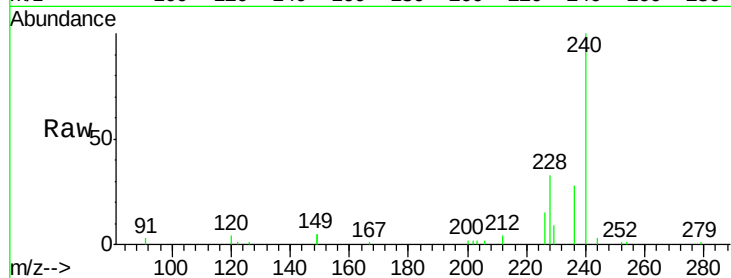
Tot Ion:240 Resp: 25361

Ion Ratio Lower Upper

240 100

120 4.0 4.0 6.0#

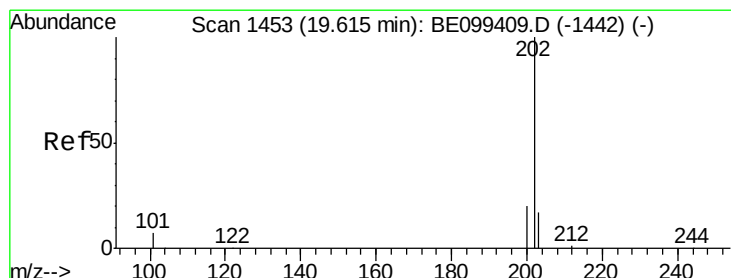
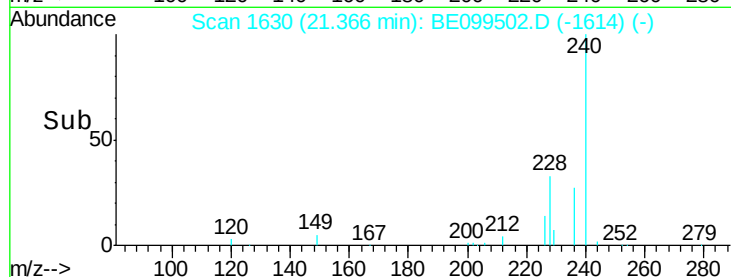
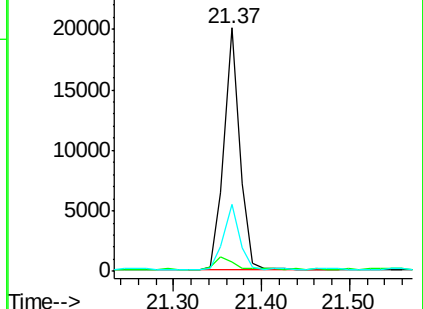
236 27.6 22.0 33.0



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: 1.051 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

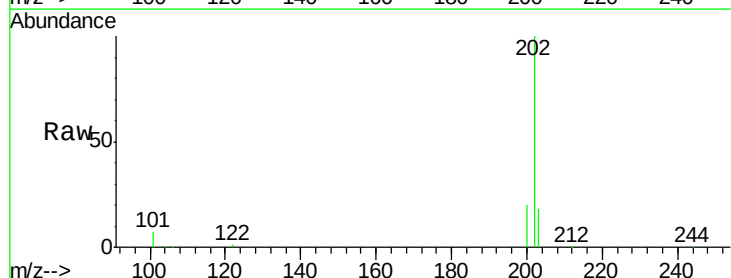
Tgt Ion:202 Resp: 69466

Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

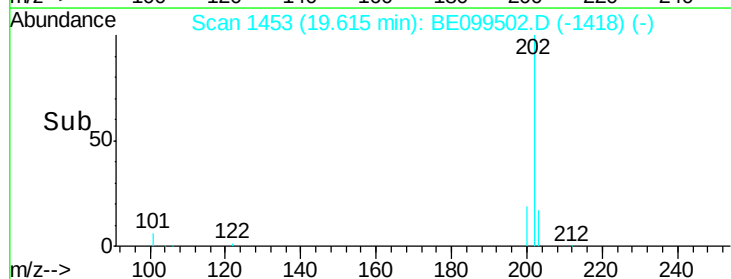
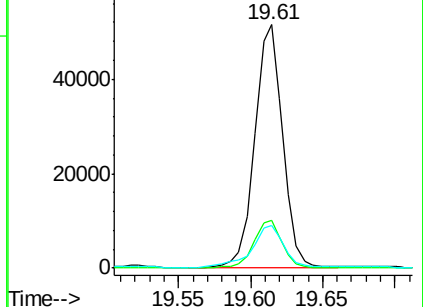
203 19.8 13.9 20.9

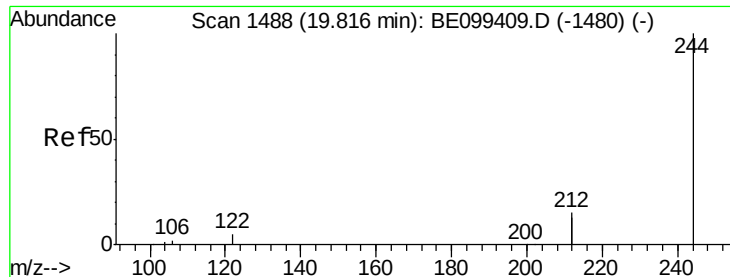


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.279 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

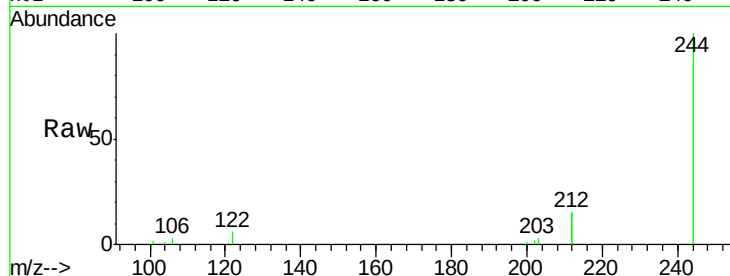
Tot Ion:244 Resp: 12959

Ion Ratio Lower Upper

244 100

212 30.7 23.2 34.8

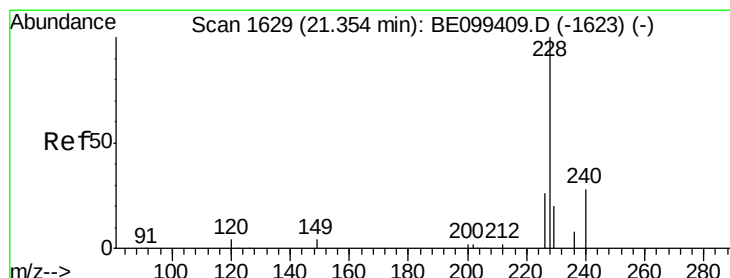
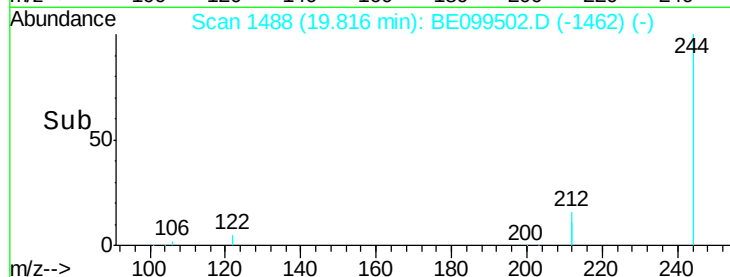
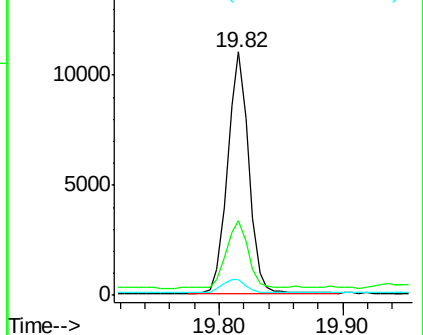
122 6.5 4.2 6.4#



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: 0.705 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

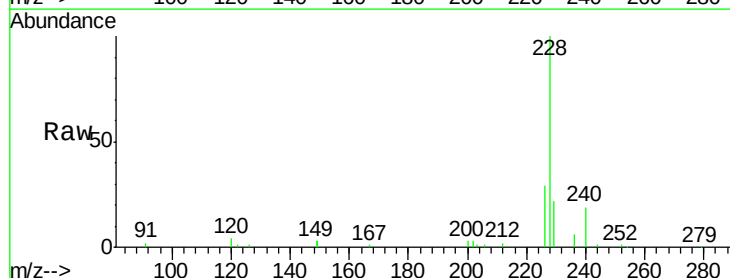
Tgt Ion:228 Resp: 56927

Ion Ratio Lower Upper

228 100

226 29.0 21.0 31.6

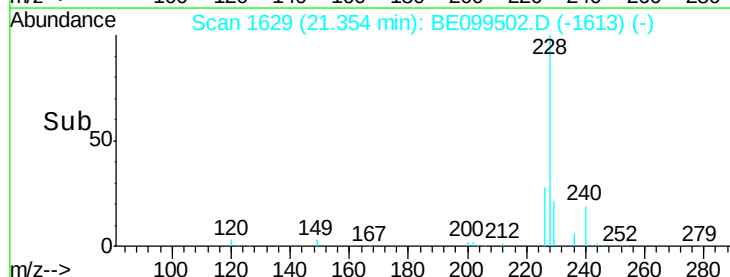
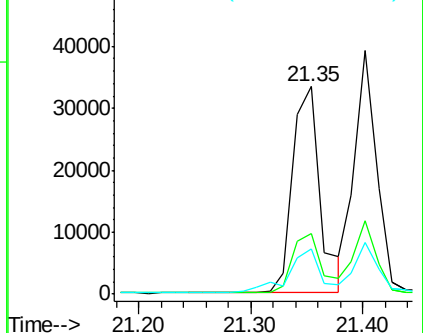
229 21.9 16.6 25.0

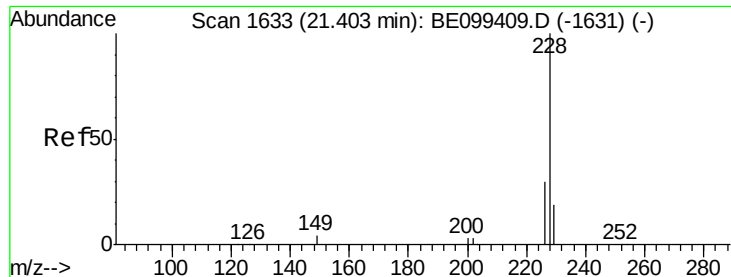


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.677 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

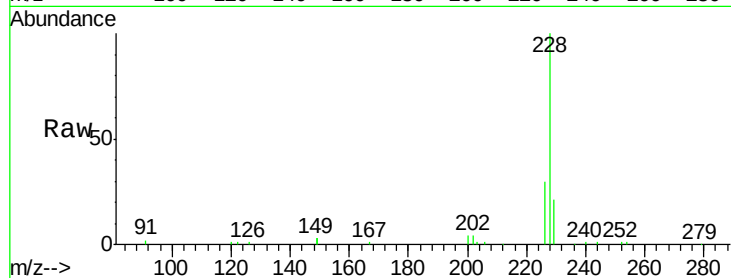
Tot Ion:228 Resp: 53502

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

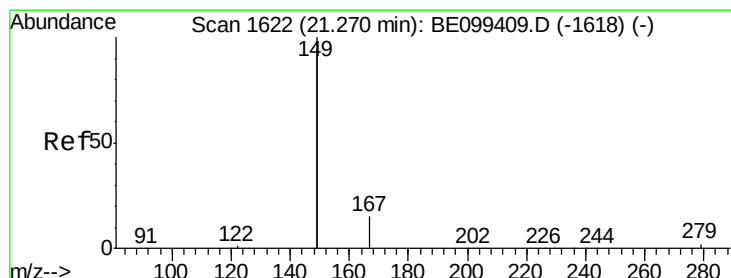
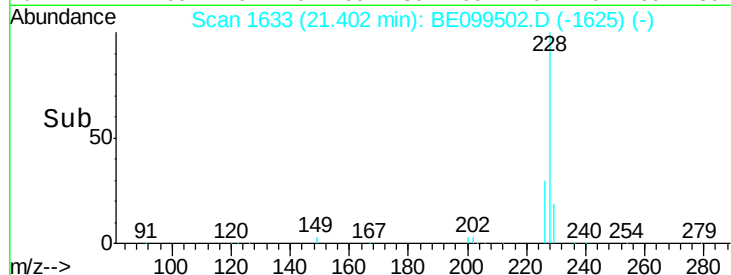
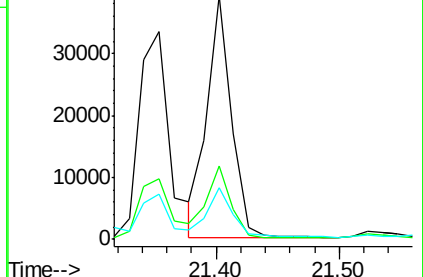
229 21.4 15.8 23.8



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: 0.379 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

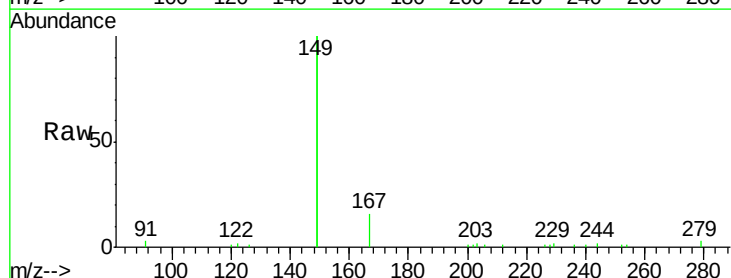
Tgt Ion:149 Resp: 51360

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

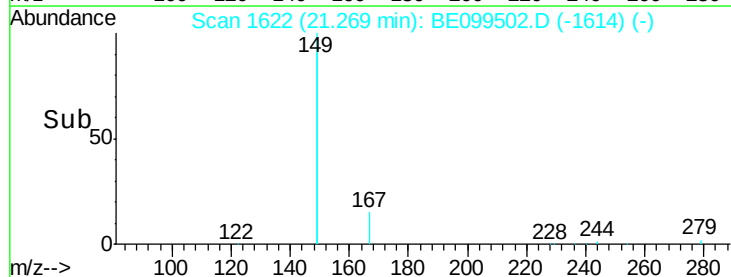
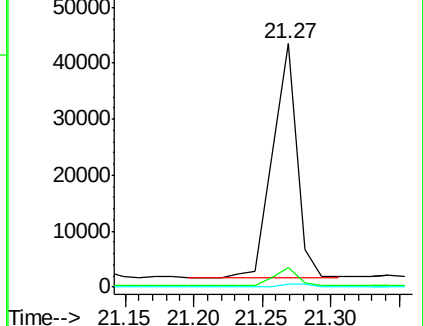
279 1.4 1.0 1.6

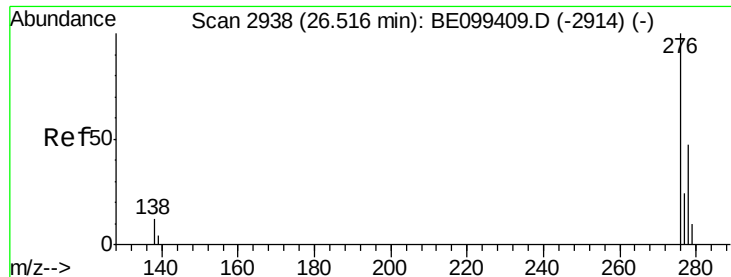


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.529 ng

RT: 26.52 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

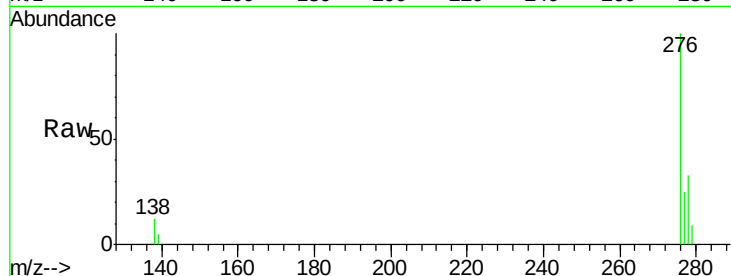
Tot Ion:276 Resp: 49460

Ion Ratio Lower Upper

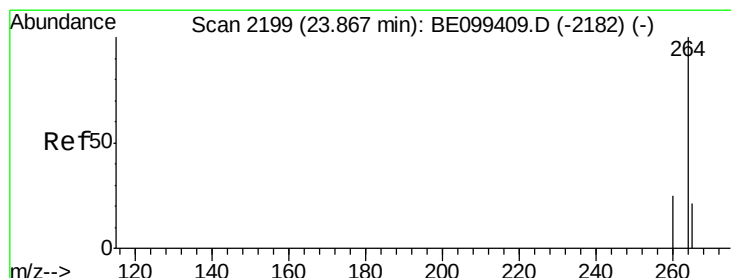
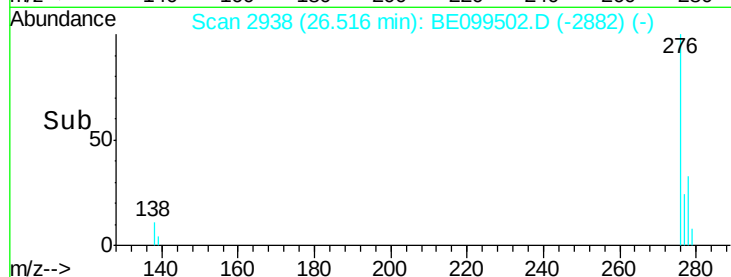
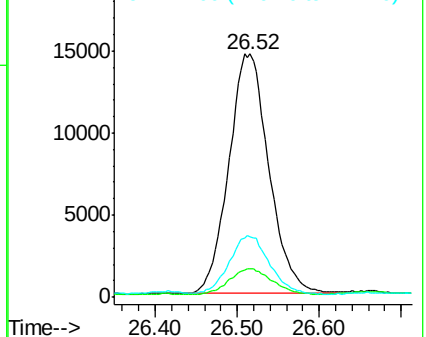
276 100

138 11.5 10.2 15.2

277 24.4 19.2 28.8



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: 23.87 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

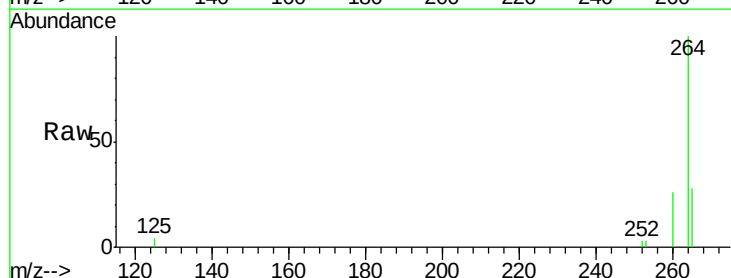
Tgt Ion:264 Resp: 29188

Ion Ratio Lower Upper

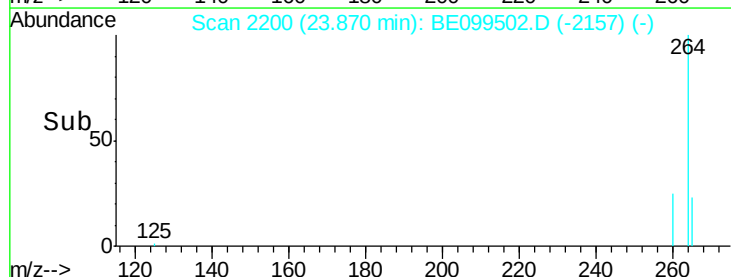
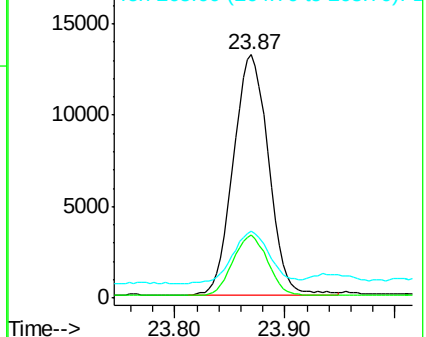
264 100

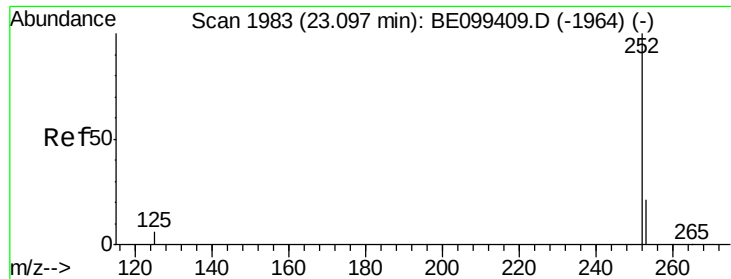
260 25.7 20.2 30.2

265 27.7 21.3 31.9



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

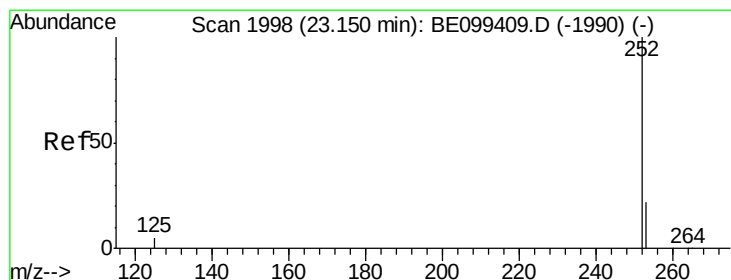
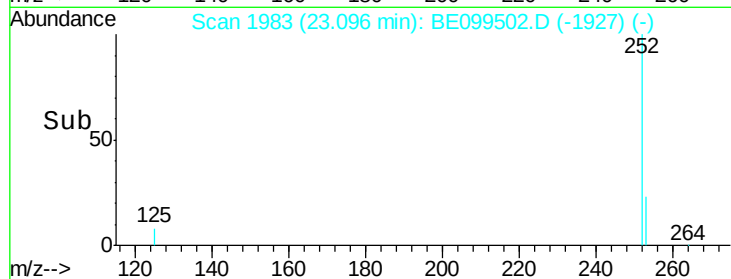
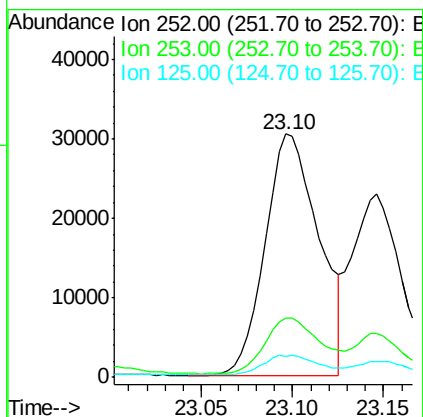
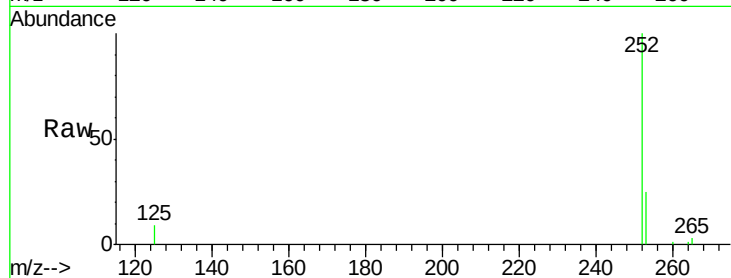




#35
Benzo(b)fluoranthene
Concen: 0.740 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

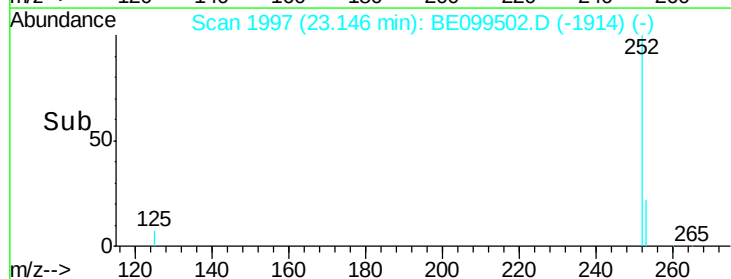
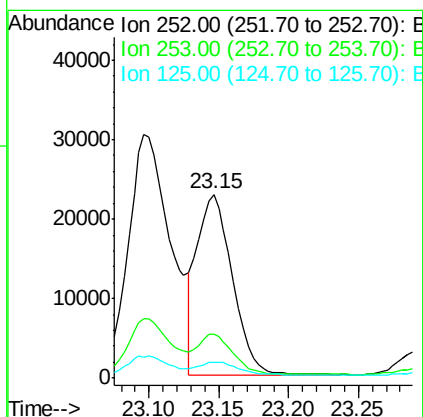
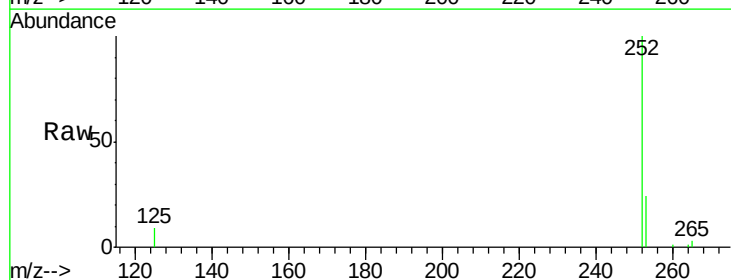
Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

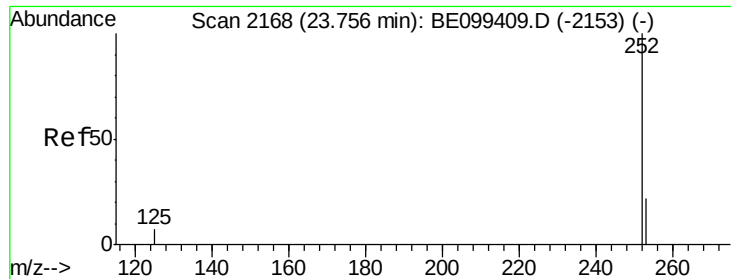
Tot Ion:252 Resp: 62315
Ion Ratio Lower Upper
252 100
253 24.5 18.1 27.1
125 8.8 5.6 8.4#



#36
Benzo(k)fluoranthene
Concen: 0.494 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:252 Resp: 40075
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 8.6 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.654 ng

RT: 23.76 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS

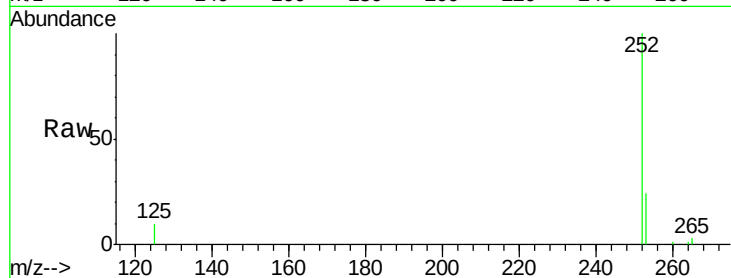
Tot Ion:252 Resp: 52019

Ion Ratio Lower Upper

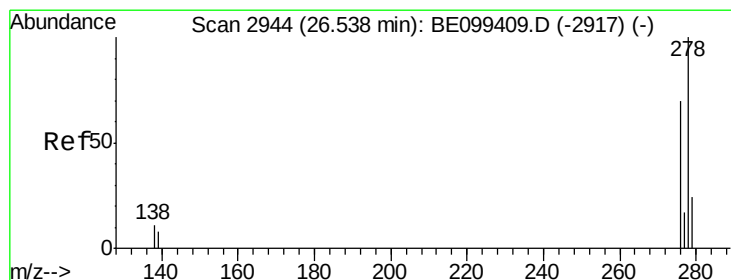
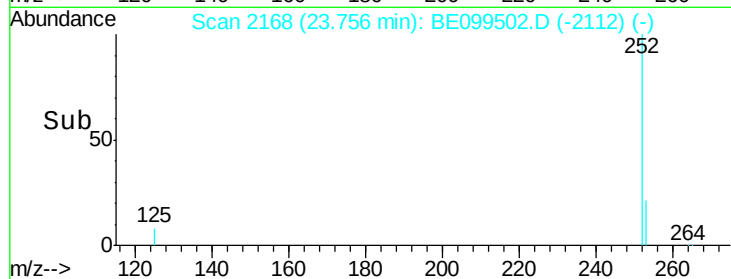
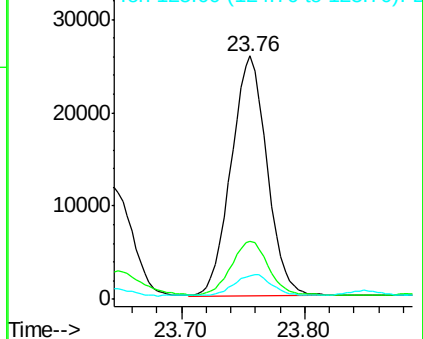
252 100

253 23.6 18.9 28.3

125 9.8 6.7 10.1



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



#38

Dibenzo(a,h)anthracene

Concen: 0.343 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

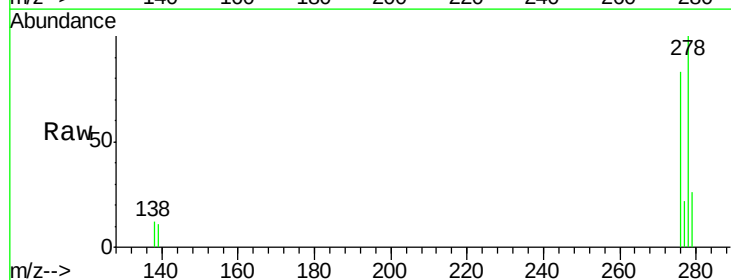
Tgt Ion:278 Resp: 27951

Ion Ratio Lower Upper

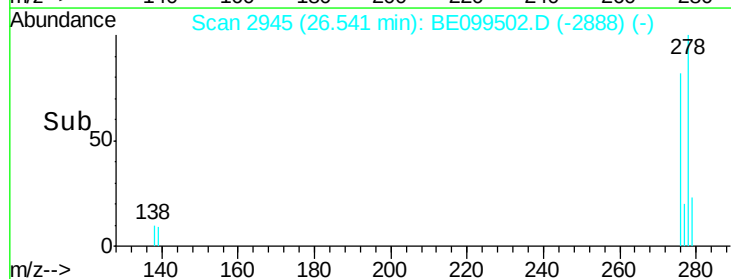
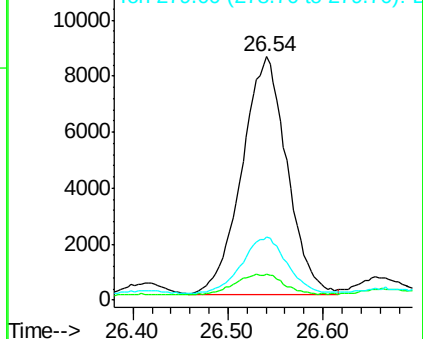
278 100

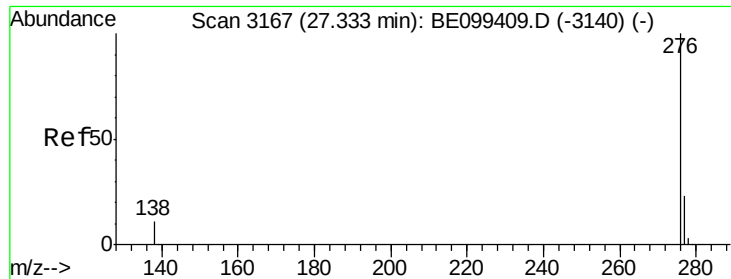
139 10.6 7.7 11.5

279 25.9 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





#39

Benzo(a,h,i)perylene

Concen: 0.560 ng

RT: 27.33 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE099502.D

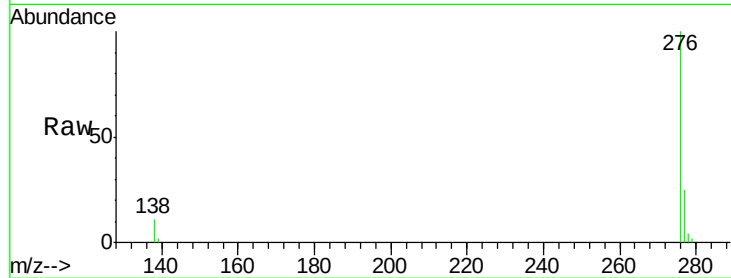
Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS



Tot Ion: 276 Resp: 45660

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 11.3 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

