

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099459.D
 Acq On : 1 May 2019 12:05
 Operator : JU/SJ
 Sample : K2533-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW005-042219MSD

Quant Time: May 02 04:13:10 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	2273	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8196	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5879	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18143	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26946	0.40	ng	0.00
34) Perylene-d12	23.86	264	30366	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2336	0.37	ng	0.00
5) Phenol-d6	6.97	99	3208	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	2849	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	7176	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1415	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	7664	0.34	ng	-0.02
25) Fluoranthene-d10	19.22	212	90794	0.37	ng	0.00
29) Terphenyl-d14	19.81	244	16063	0.33	ng	0.00

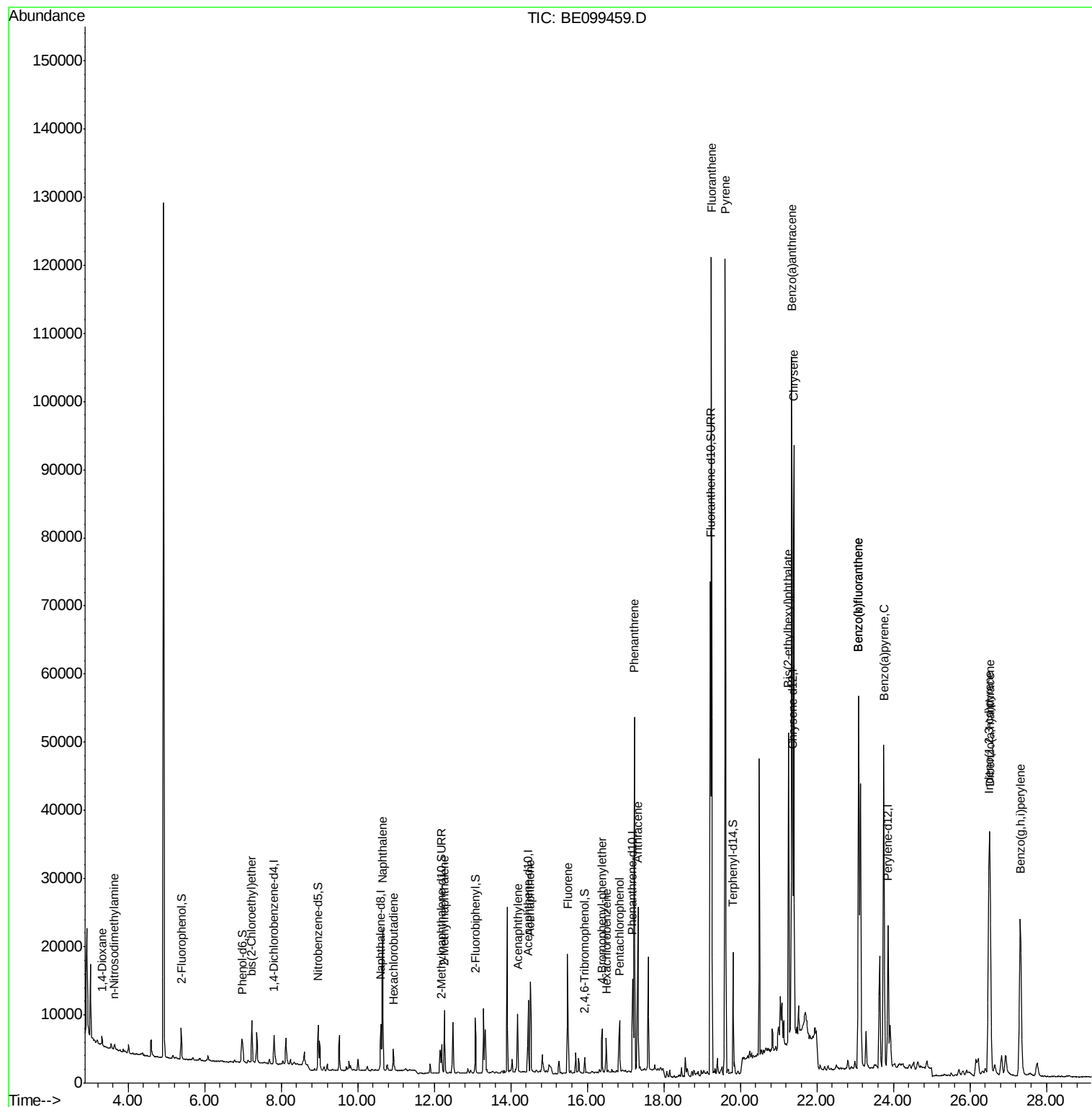
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	912	0.292	ng	# 70
3) n-Nitrosodimethylamine	3.63	42	594	0.315	ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	2542	0.353	ng	99
9) Naphthalene	10.65	128	34374	0.385	ng	100
10) Hexachlorobutadiene	10.93	225	2086	0.336	ng	97
12) 2-Methylnaphthalene	12.27	142	6018	0.387	ng	98
16) Acenaphthylene	14.18	152	12409	0.431	ng	98
17) Acenaphthene	14.51	154	6555	0.399	ng	99
18) Fluorene	15.49	166	10205	0.421	ng	99
20) 4-Bromophenyl-phenylether	16.39	248	3623	0.343	ng	# 86
21) Hexachlorobenzene	16.49	284	3670	0.365	ng	99
22) Pentachlorophenol	16.84	266	4070	0.888	ng	98
23) Phenanthrene	17.23	178	51181	1.093	ng	99
24) Anthracene	17.32	178	24716	0.554	ng	98
26) Fluoranthene	19.25	202	111739	1.593	ng	100
28) Pyrene	19.61	202	112080	1.596	ng	97
30) Benzo(a)anthracene	21.34	228	87223	1.016	ng	97
31) Chrysene	21.40	228	85628	1.019	ng	98
32) Bis(2-ethylhexyl)phthalate	21.26	149	62686	0.446	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	68541	0.690	ng	99
35) Benzo(b)fluoranthene	23.09	252	85835	0.980	ng	99
36) Benzo(k)fluoranthene	23.09	252	85835	1.017	ng	99
37) Benzo(a)pyrene	23.75	252	73464	0.887	ng	98
38) Dibenzo(a,h)anthracene	26.53	278	41360	0.488	ng	99
39) Benzo(g,h,i)perylene	27.32	276	61341	0.723	ng	100

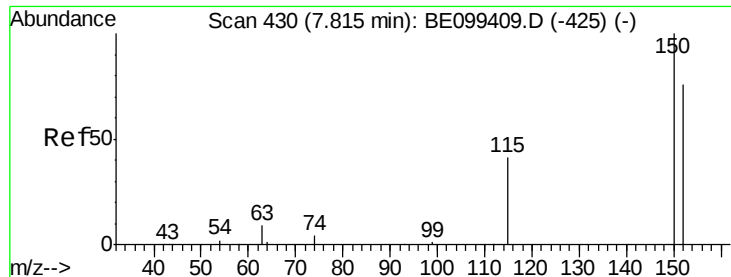
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099459.D
Acq On : 1 May 2019 12:05
Operator : JU/SJ
Sample : K2533-13MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

Quant Time: May 02 04:13:10 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

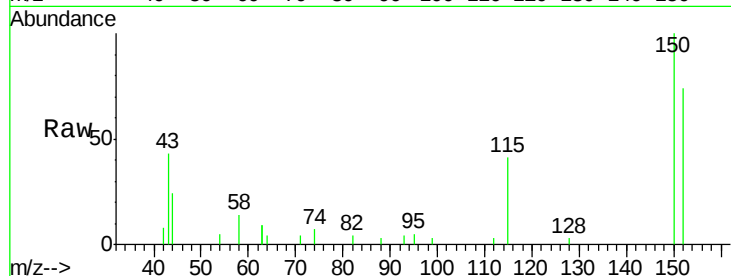
Tot Ion:152 Resp: 2273

Ion Ratio Lower Upper

152 100

150 134.7 104.8 157.2

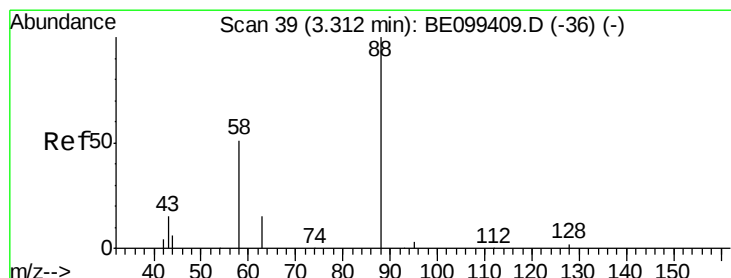
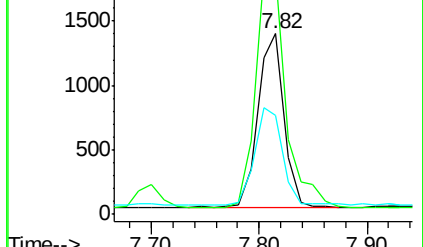
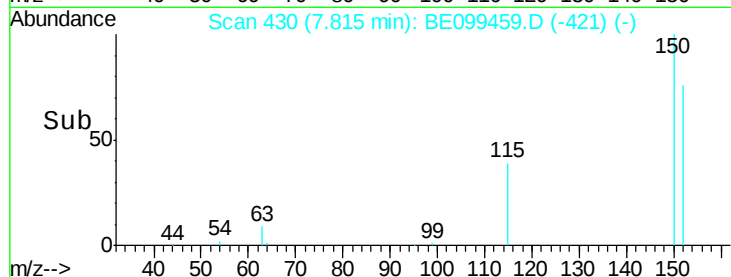
115 54.8 46.6 69.8



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: 0.292 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

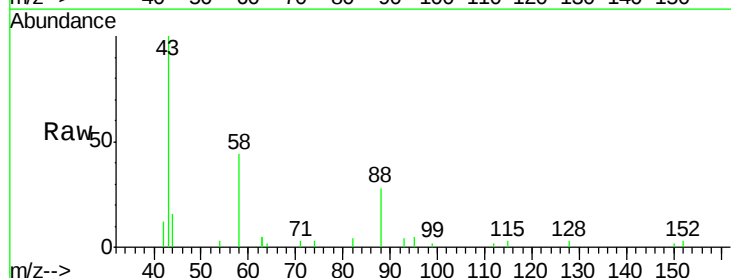
Tgt Ion: 88 Resp: 912

Ion Ratio Lower Upper

88 100

58 78.6 51.0 76.6#

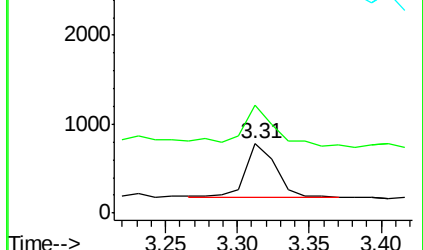
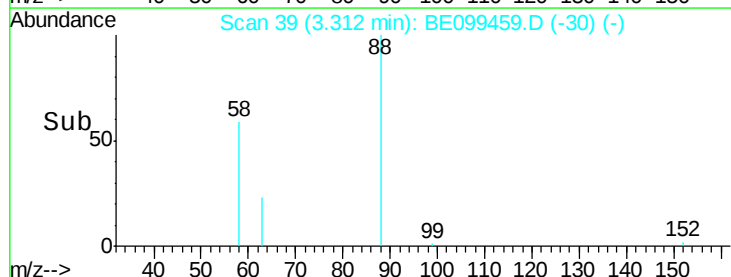
43 54.7 20.6 30.8#

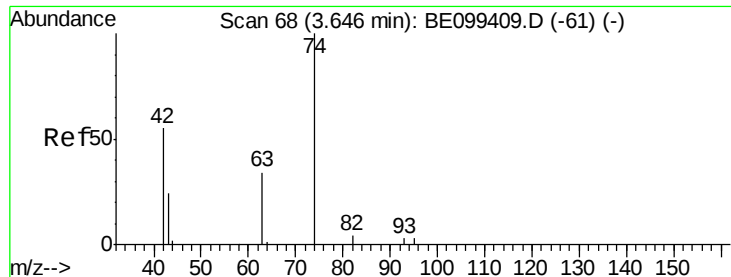


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



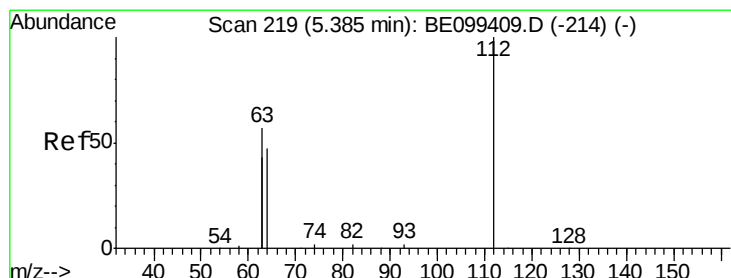
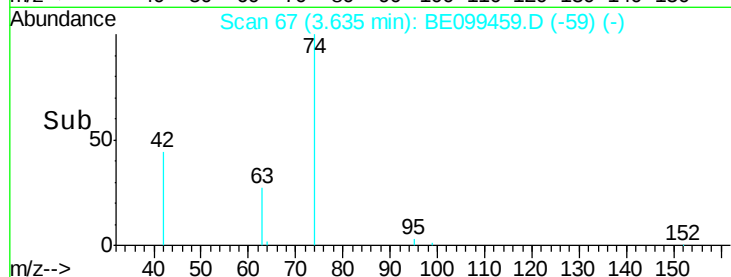
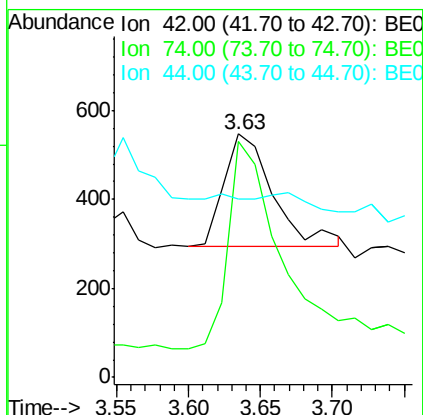
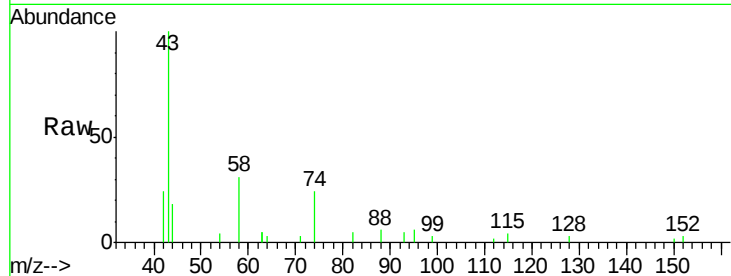


#3

n-Nitrosodimethylamine
 Concen: 0.315 ng
 RT: 3.63 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BE099459.D
 Acq: 1 May 2019 12:05

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW005-042219MSD

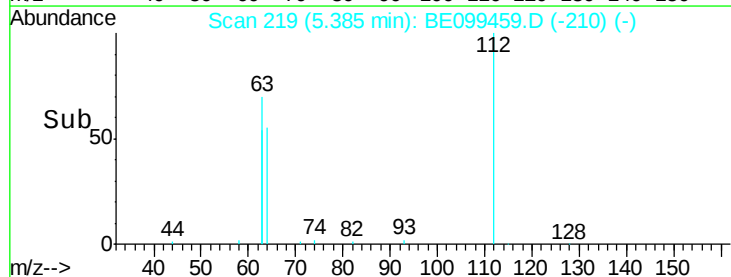
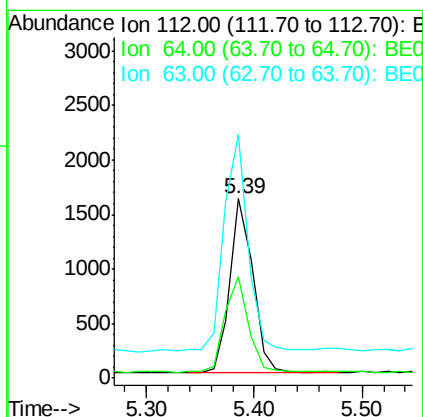
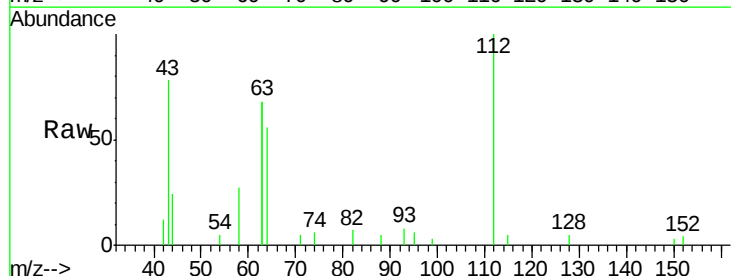
Tot Ion: 42 Resp: 594
 Ion Ratio Lower Upper
 42 100
 74 194.8 141.6 212.4
 44 0.0 0.0 0.0

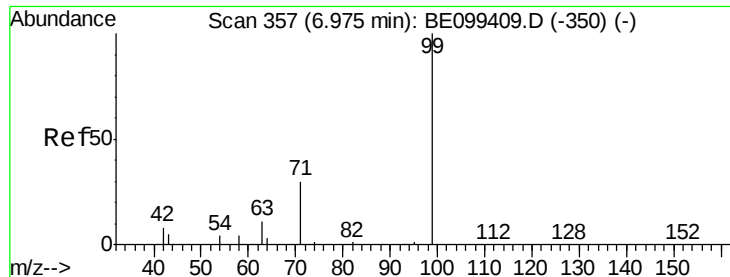


#4

2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099459.D
 Acq: 1 May 2019 12:05

Tgt Ion: 112 Resp: 2336
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.4 71.0
 63 129.4 104.3 156.5





#5

Phenol-d6

Concen: 0.384 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

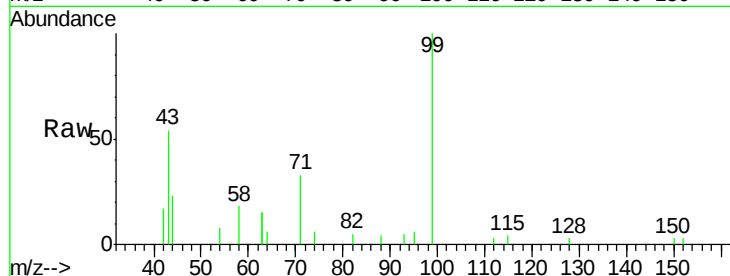
Tot Ion: 99 Resp: 3208

Ion Ratio Lower Upper

99 100

42 16.1 14.9 22.3

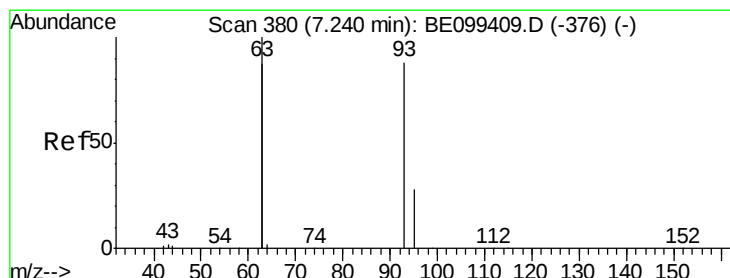
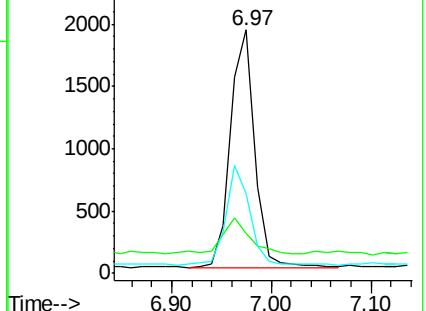
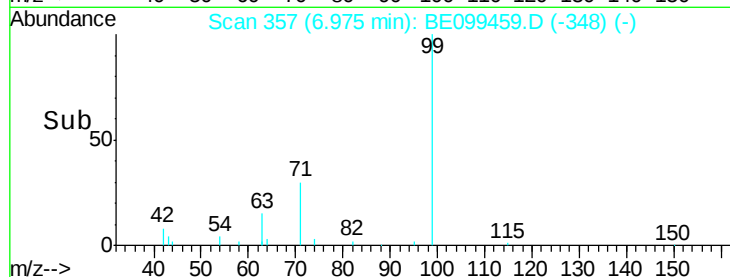
71 40.8 33.0 49.6



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: 0.353 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

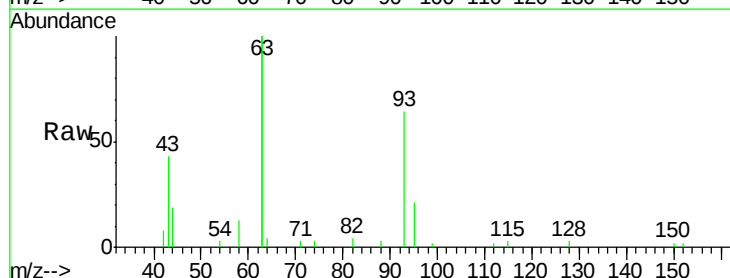
Tgt Ion: 93 Resp: 2542

Ion Ratio Lower Upper

93 100

63 270.5 215.6 323.4

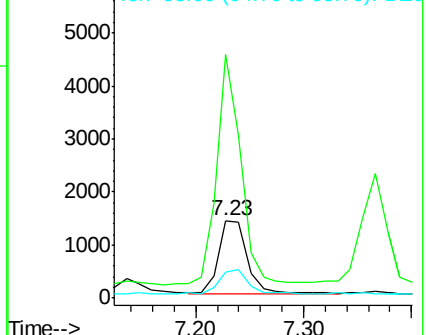
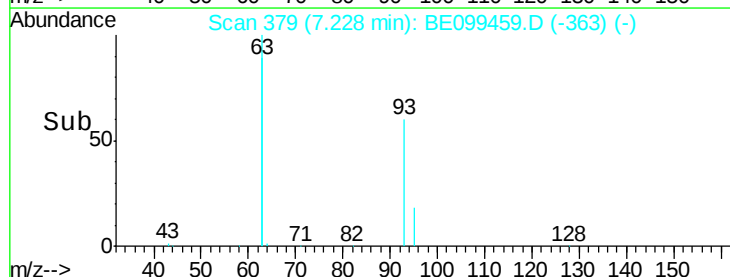
95 34.1 26.2 39.2

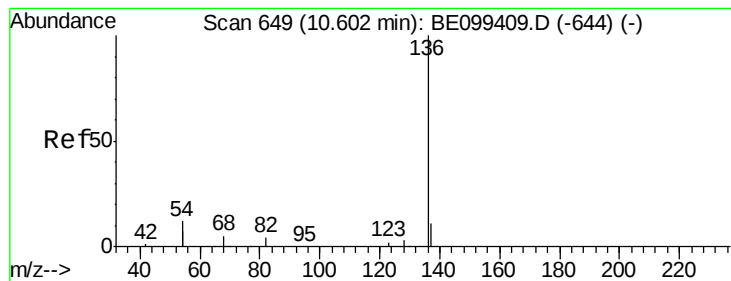


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion:136 Resp: 8196

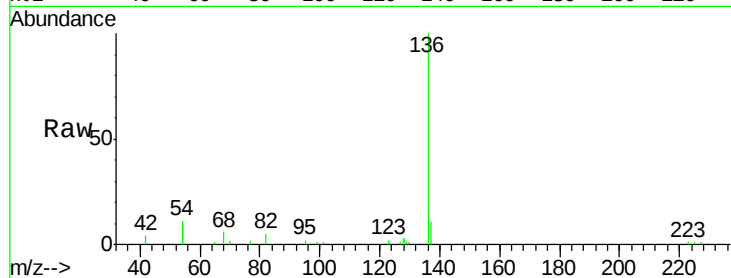
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 22.5 18.5 27.7

68 5.5 4.7 7.1

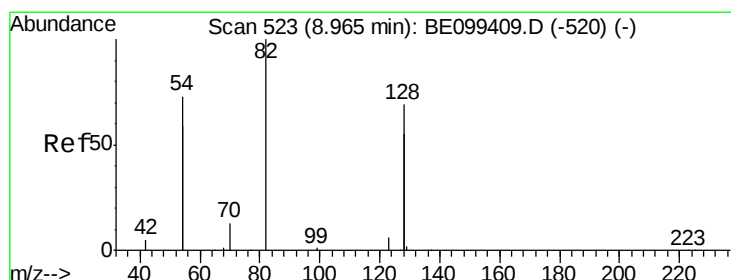
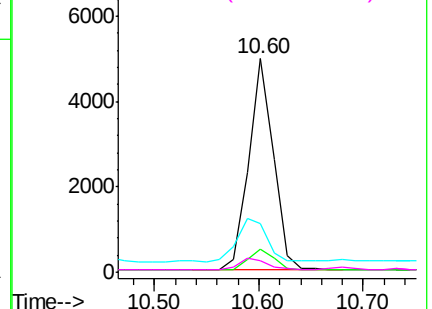
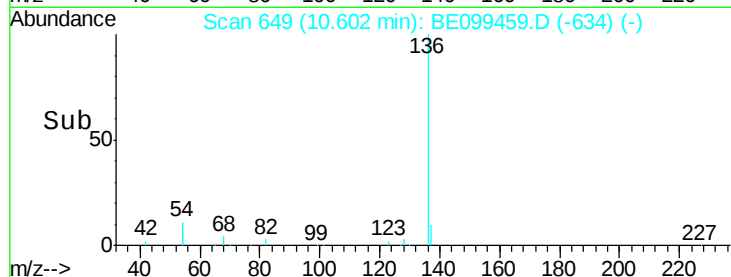


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

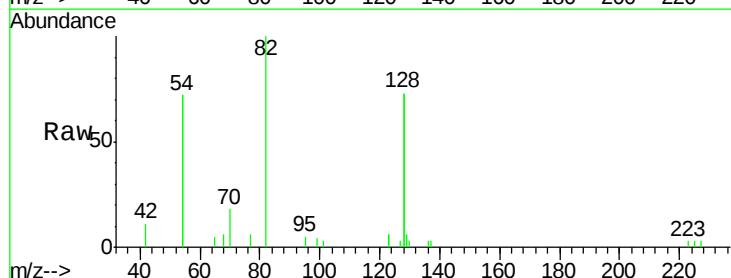
Tgt Ion: 82 Resp: 2849

Ion Ratio Lower Upper

82 100

128 145.4 107.0 160.4

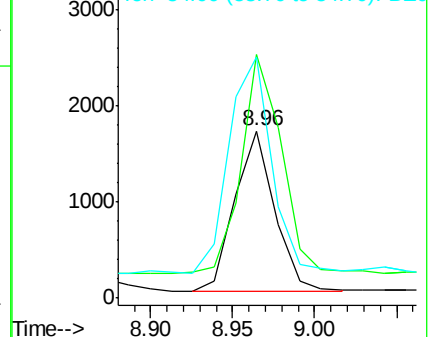
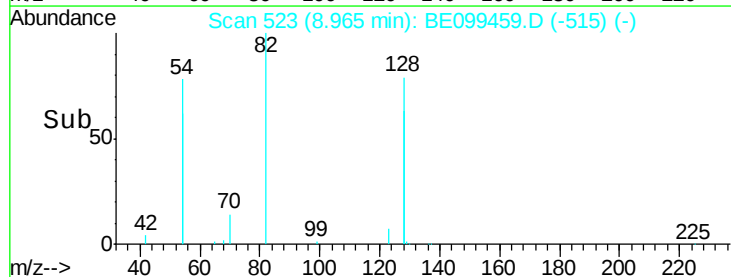
54 144.0 113.1 169.7

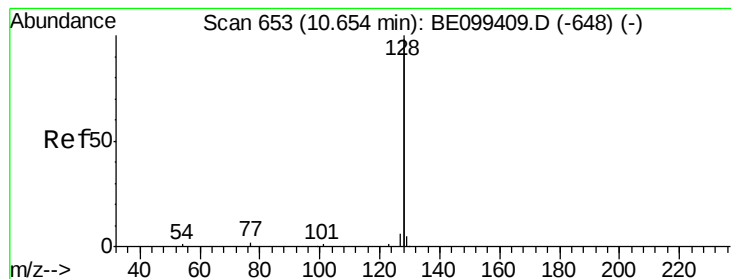


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

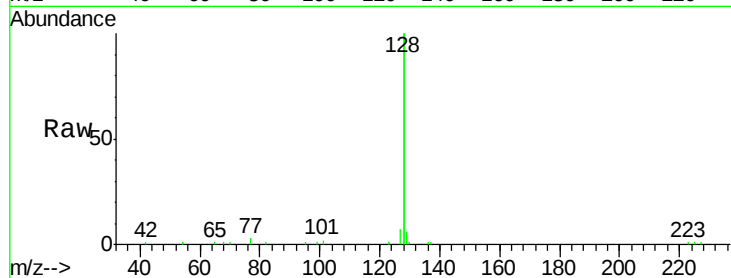
Tot Ion:128 Resp: 34374

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

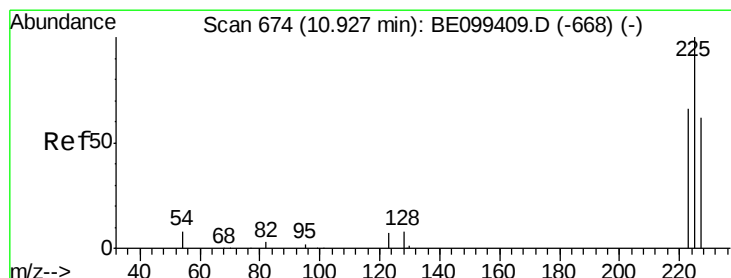
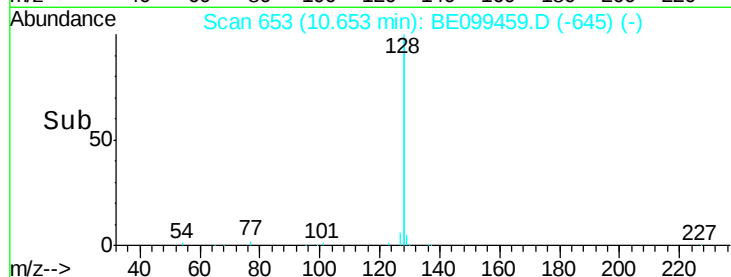
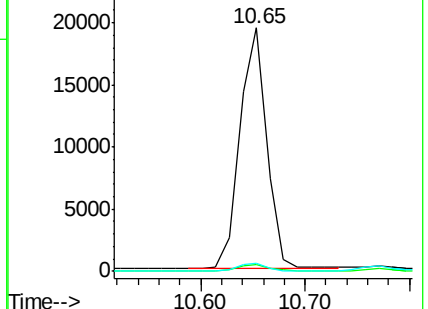
127 3.3 2.8 4.2



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: 0.336 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

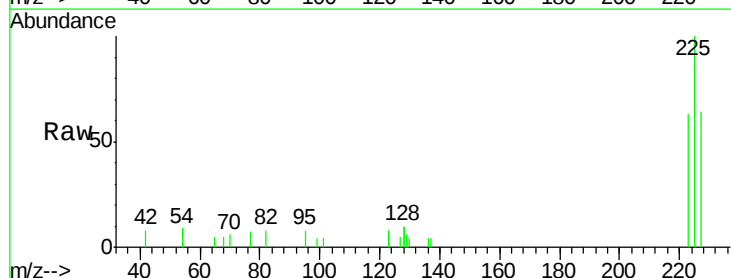
Tgt Ion:225 Resp: 2086

Ion Ratio Lower Upper

225 100

223 63.7 51.0 76.6

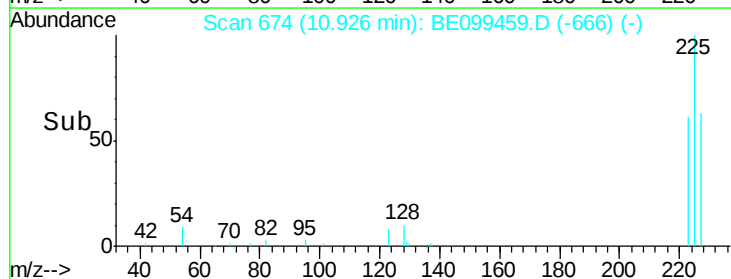
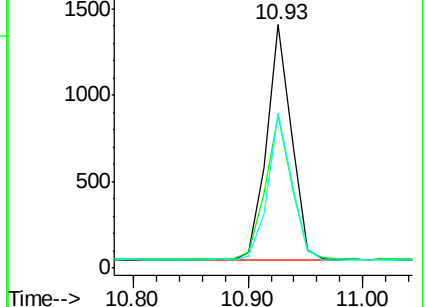
227 59.7 50.9 76.3

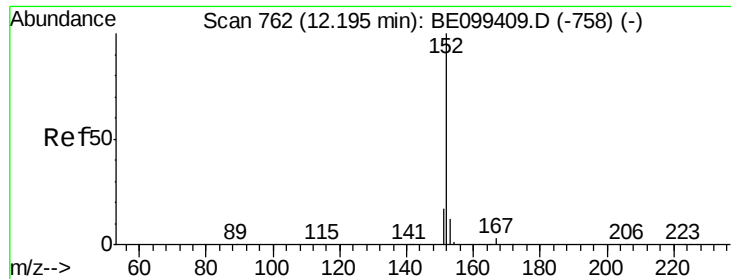


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

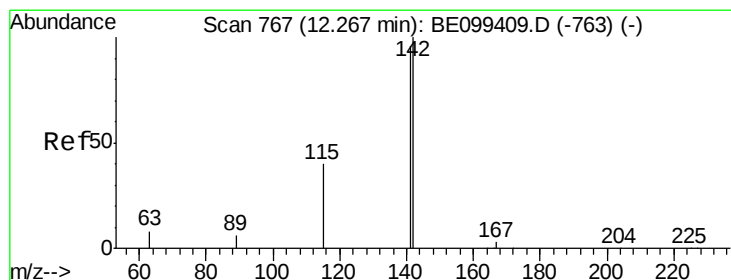
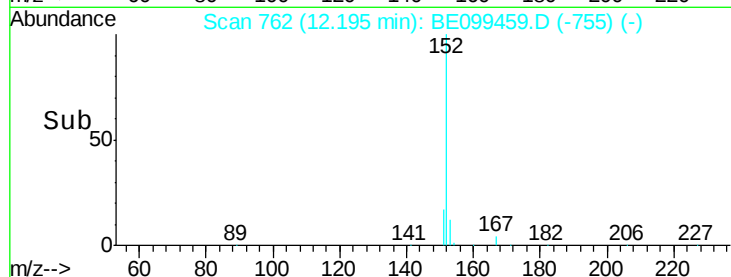
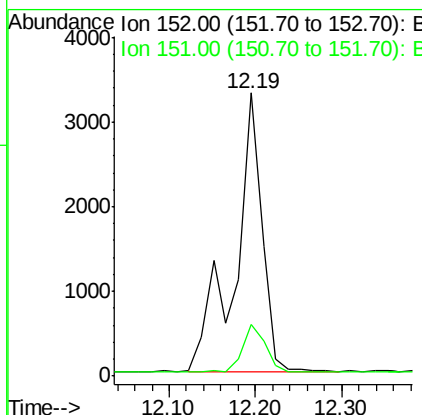
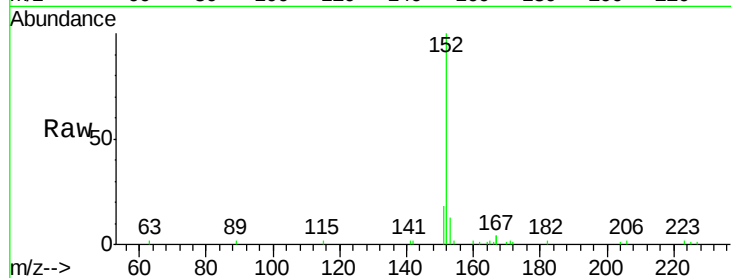




#11
 2-Methylnaphthalene-d10
 Concen: 0.486 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099459.D
 Acq: 1 May 2019 12:05

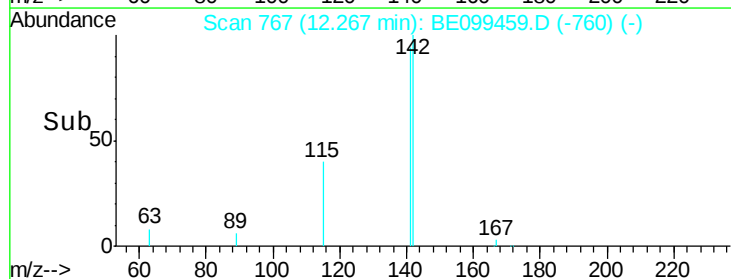
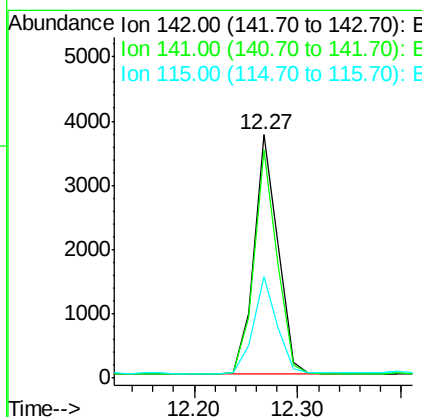
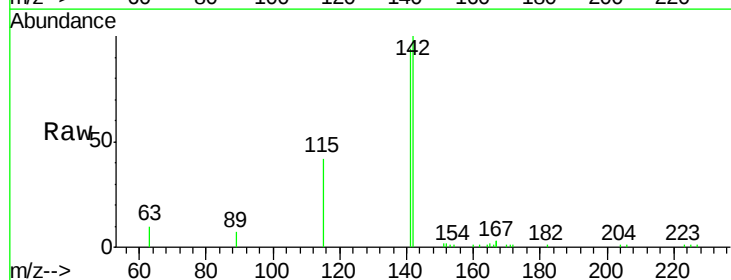
Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW005-042219MSD

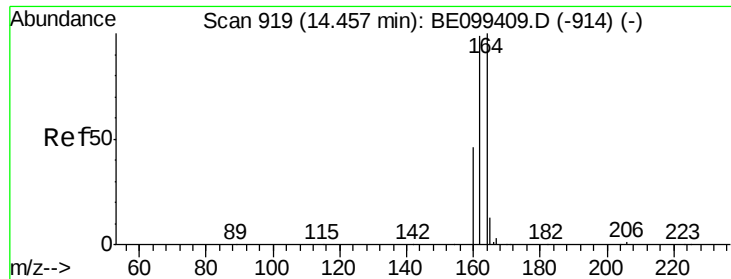
Tot Ion:152 Resp: 7176
 Ion Ratio Lower Upper
 152 100
 151 14.3 15.5 23.3#



#12
 2-Methylnaphthalene
 Concen: 0.387 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099459.D
 Acq: 1 May 2019 12:05

Tgt Ion:142 Resp: 6018
 Ion Ratio Lower Upper
 142 100
 141 93.7 77.0 115.4
 115 41.7 33.4 50.0

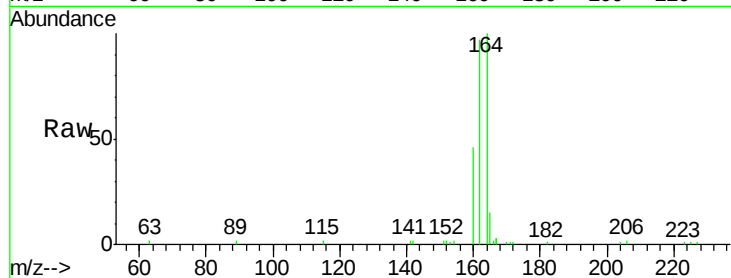




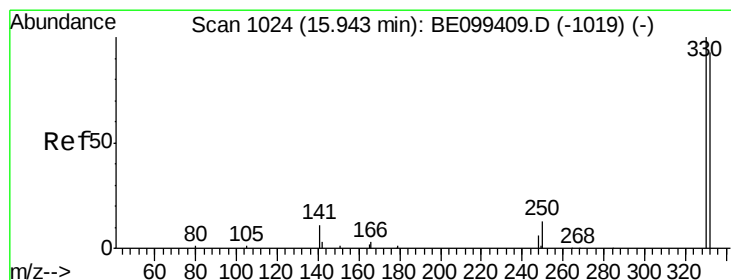
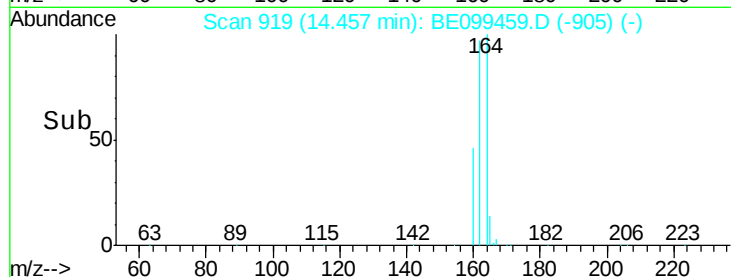
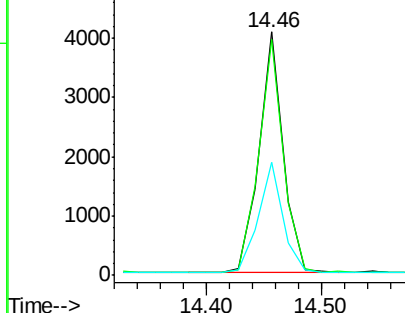
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099459.D
 Acq: 1 May 2019 12:05

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW005-042219MSD

Tot Ion:164 Resp: 5879
 Ion Ratio Lower Upper
 164 100
 162 97.0 79.0 118.4
 160 46.2 37.0 55.4

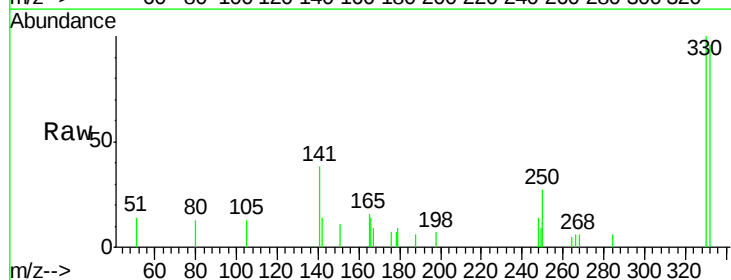


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

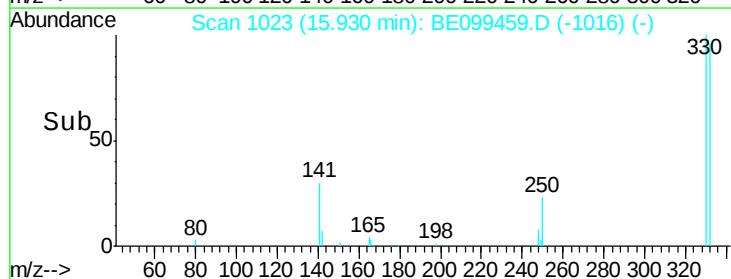
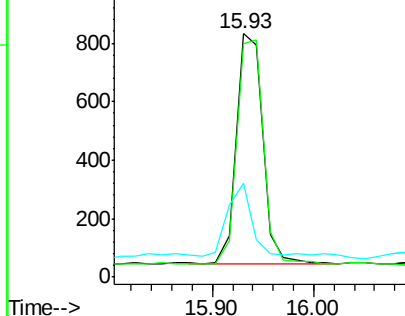


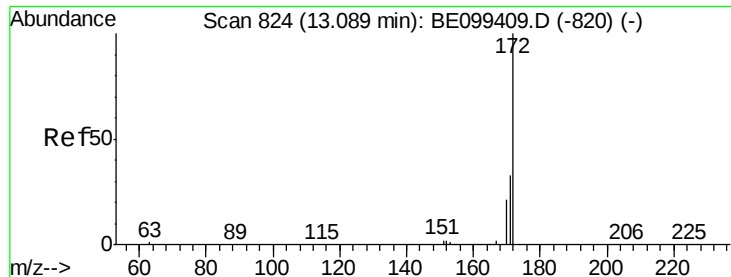
#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 15.93 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BE099459.D
 Acq: 1 May 2019 12:05

Tgt Ion:330 Resp: 1415
 Ion Ratio Lower Upper
 330 100
 332 99.4 71.5 107.3
 141 35.3 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: 0.342 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.02 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

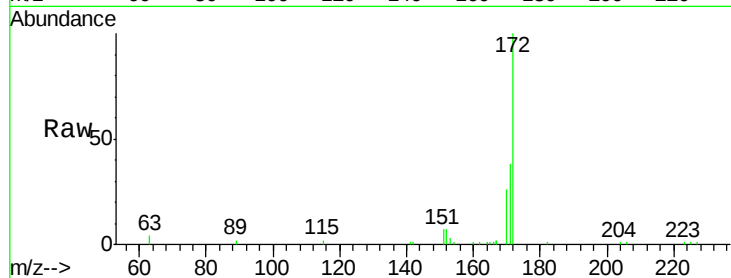
Tot Ion:172 Resp: 7664

Ion Ratio Lower Upper

172 100

171 38.0 26.6 39.8

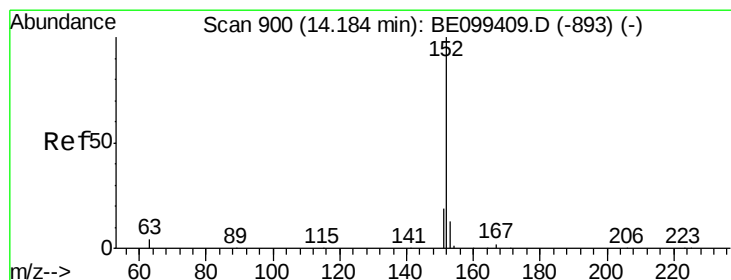
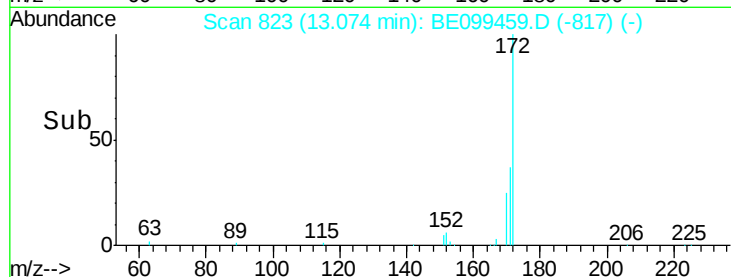
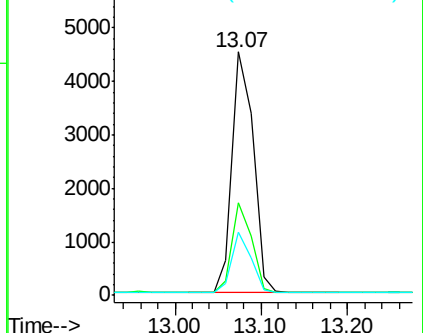
170 26.1 17.0 25.6#



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: 0.431 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

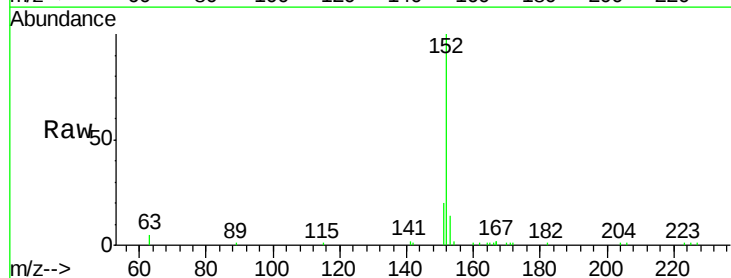
Tgt Ion:152 Resp: 12409

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.2

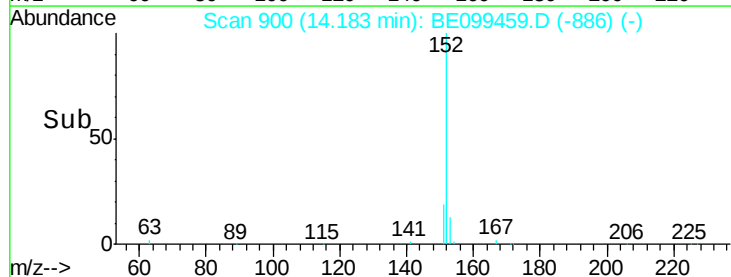
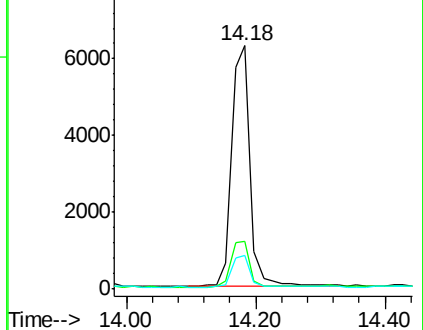
153 13.2 9.8 14.6

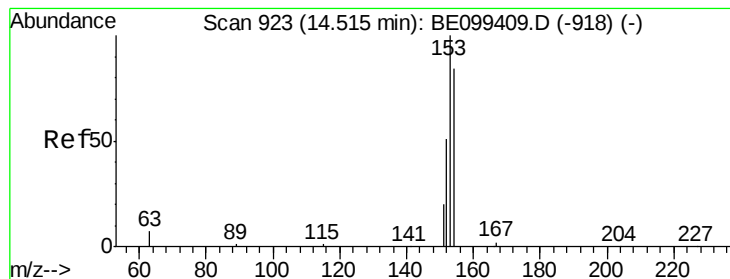


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

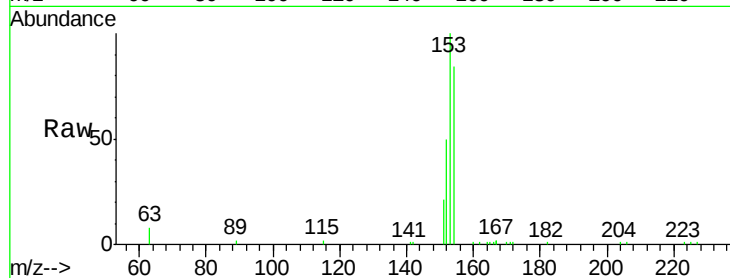
Tot Ion:154 Resp: 6555

Ion Ratio Lower Upper

154 100

153 116.4 92.6 138.8

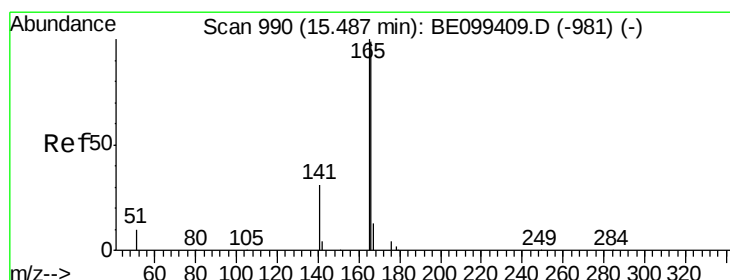
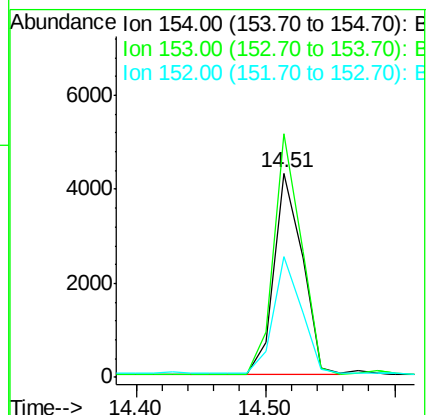
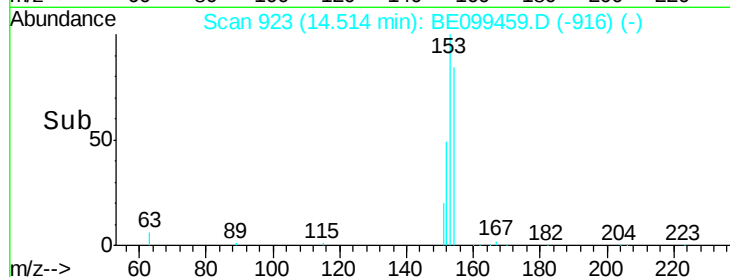
152 57.6 45.8 68.8



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: 0.421 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

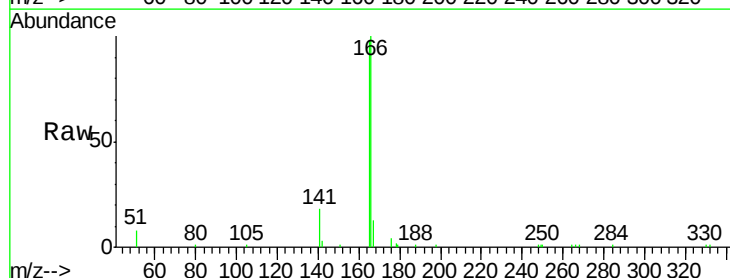
Tgt Ion:166 Resp: 10205

Ion Ratio Lower Upper

166 100

165 99.5 80.3 120.5

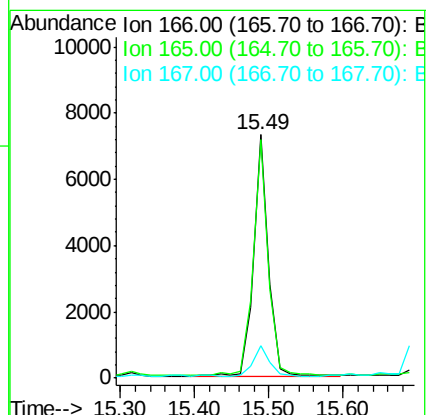
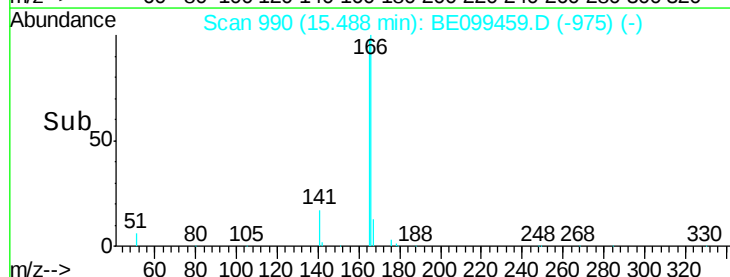
167 13.8 10.7 16.1

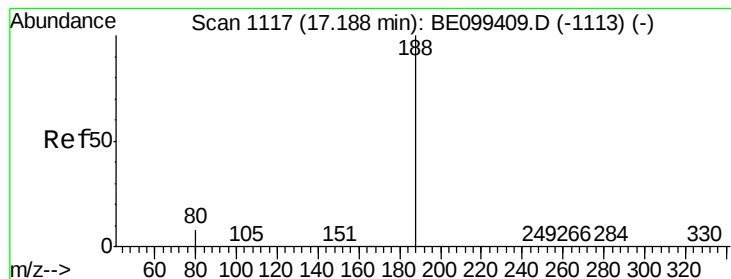


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

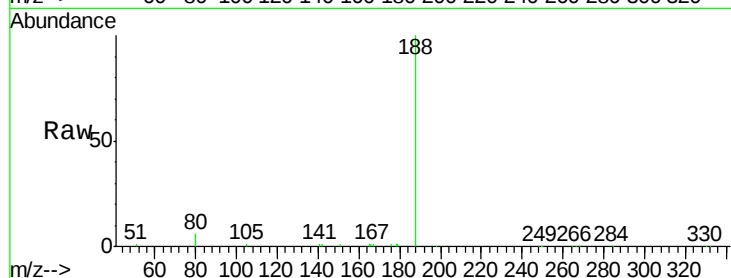
Tot Ion:188 Resp: 18143

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

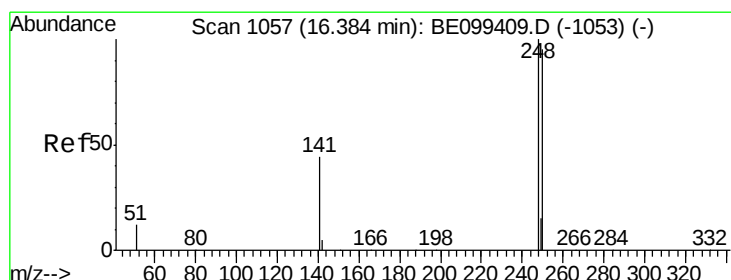
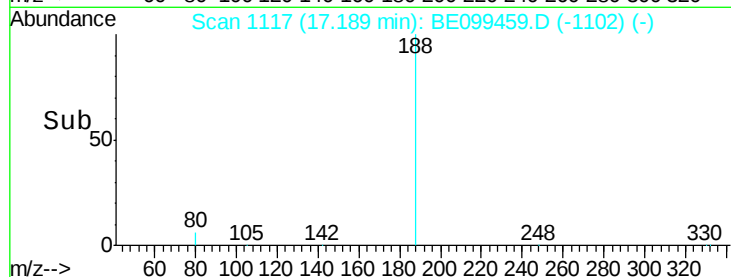
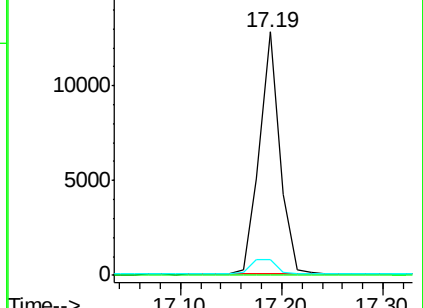
80 6.4 6.7 10.1#



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: 0.343 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

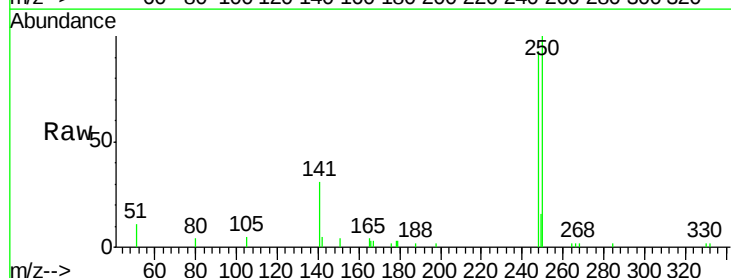
Tgt Ion:248 Resp: 3623

Ion Ratio Lower Upper

248 100

250 107.4 75.8 113.8

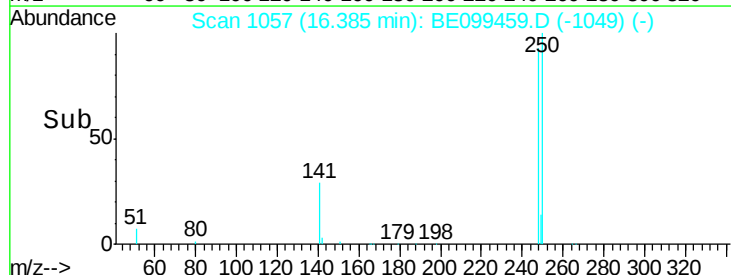
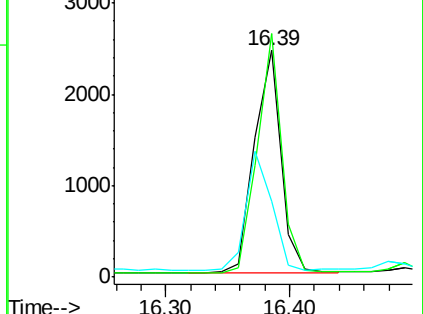
141 33.3 35.7 53.5#

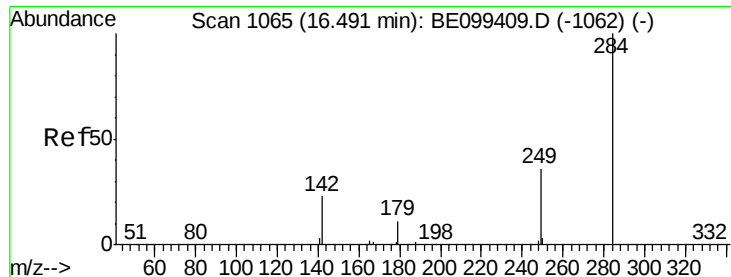


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

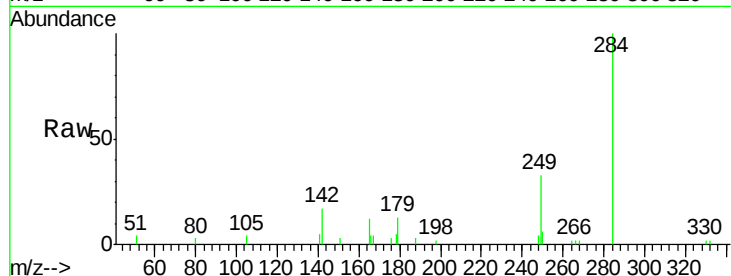




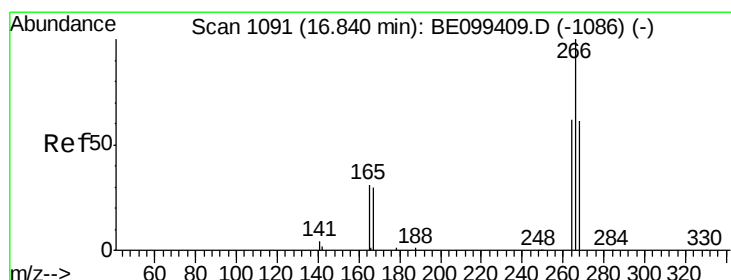
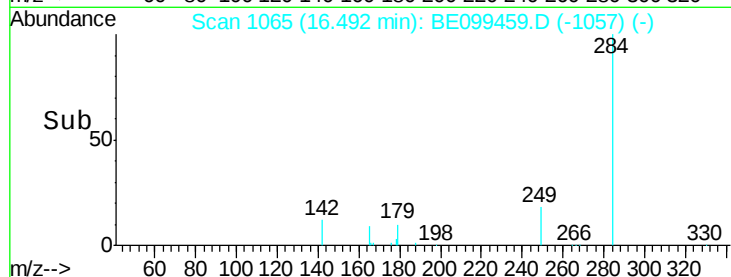
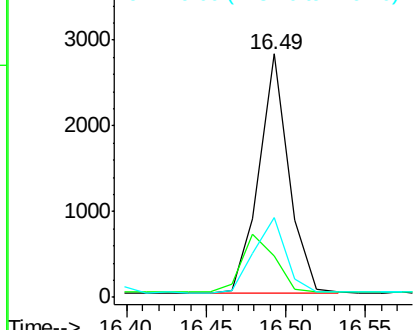
#21
Hexachlorobenzene
Concen: 0.365 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

Tot Ion:284 Resp: 3670
Ion Ratio Lower Upper
284 100
142 27.0 21.0 31.6
249 33.9 26.7 40.1

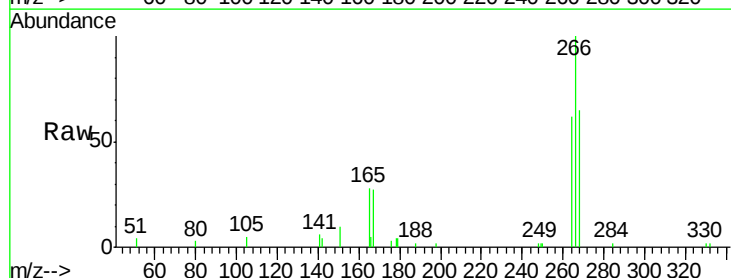


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

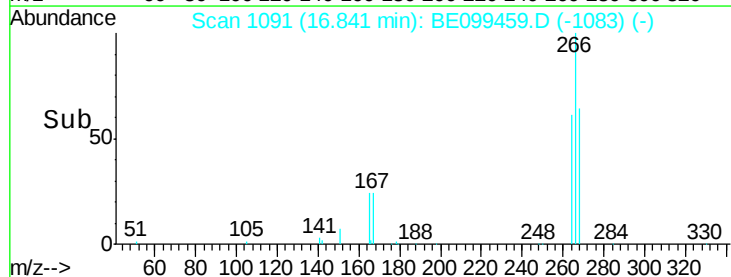
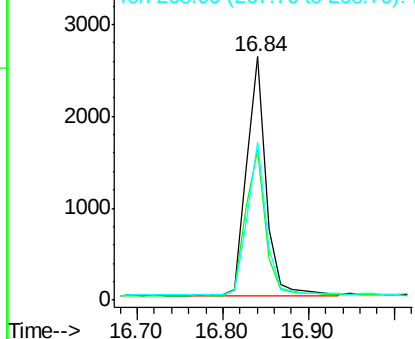


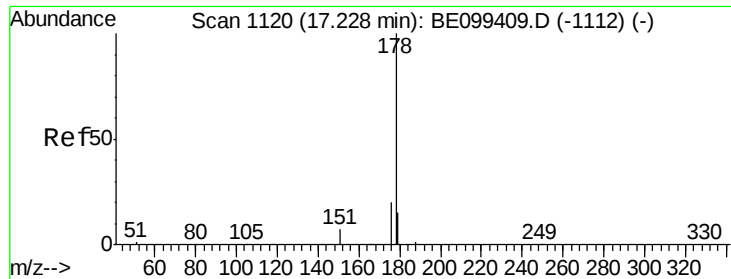
#22
Pentachlorophenol
Concen: 0.888 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

Tgt Ion:266 Resp: 4070
Ion Ratio Lower Upper
266 100
264 61.5 50.8 76.2
268 64.8 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

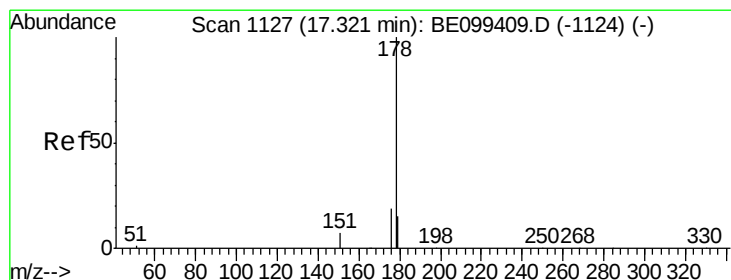
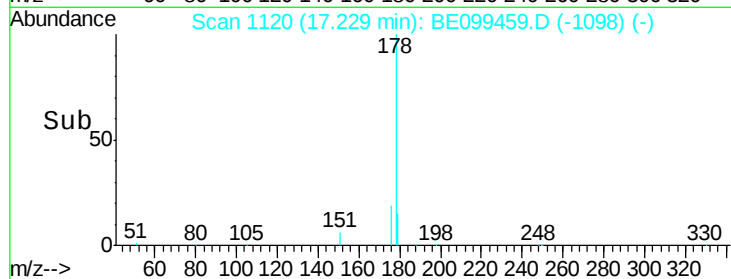
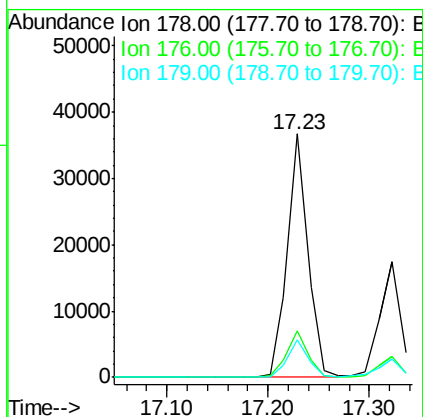
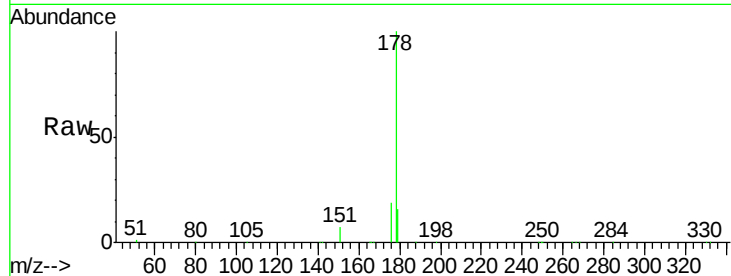




#23
Phenanthrene
Concen: 1.093 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

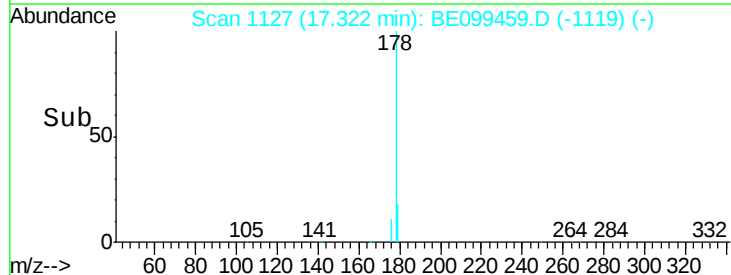
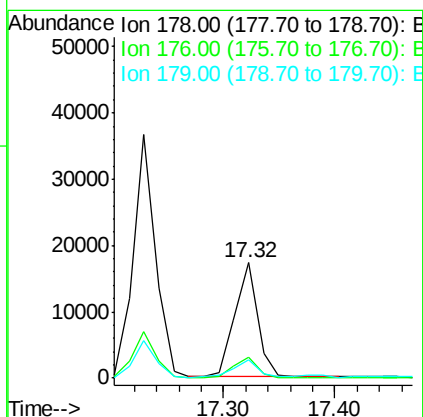
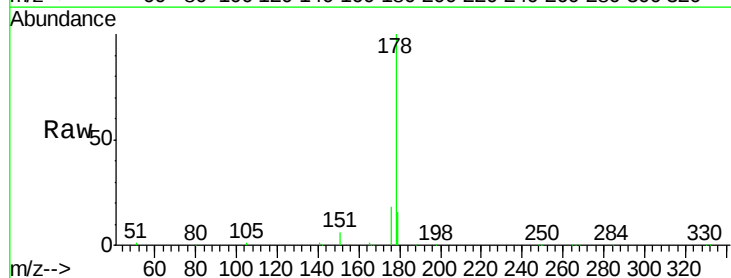
Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

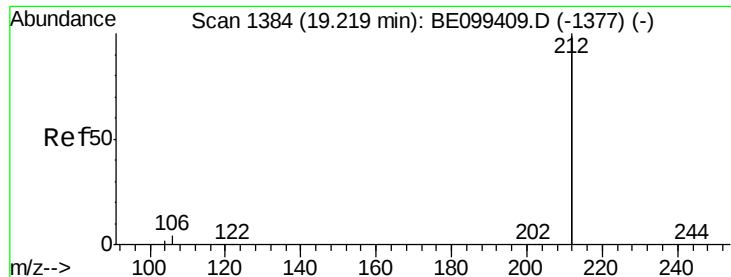
Tot Ion:178 Resp: 51181
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.0 18.0



#24
Anthracene
Concen: 0.554 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

Tgt Ion:178 Resp: 24716
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 16.0 11.9 17.9





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

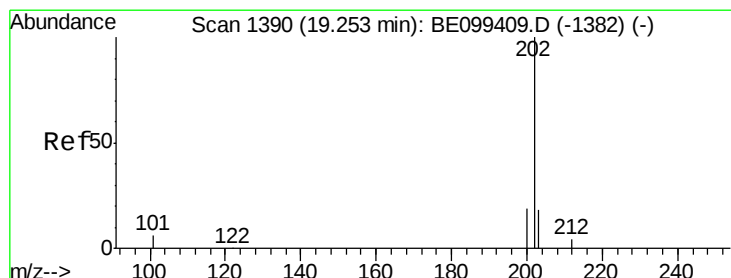
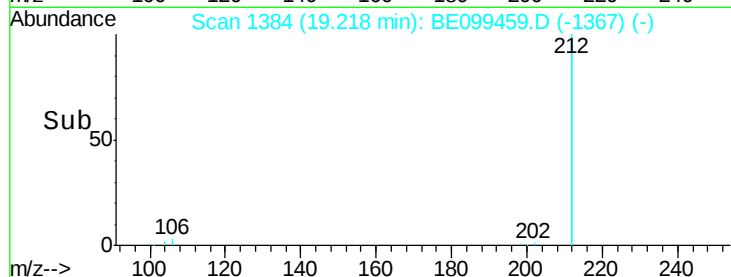
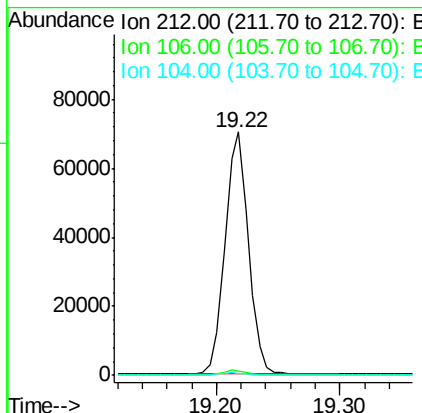
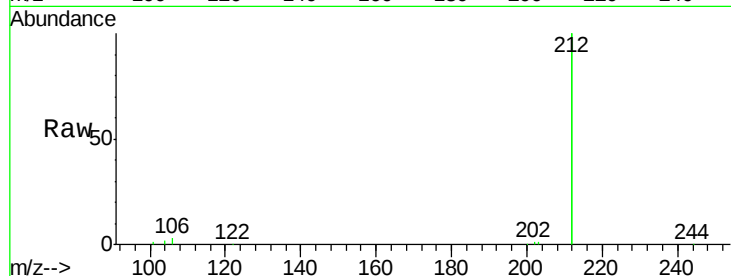
Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion:212	Resp:	90794
Ion Ratio	Lower	Upper
212	100	
106	1.9	1.5 2.3
104	1.1	0.9 1.3



#26

Fluoranthene

Concen: 1.593 ng

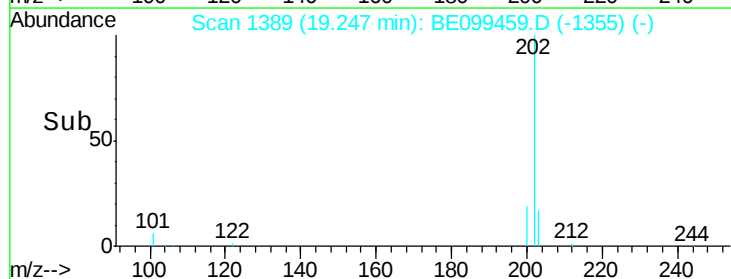
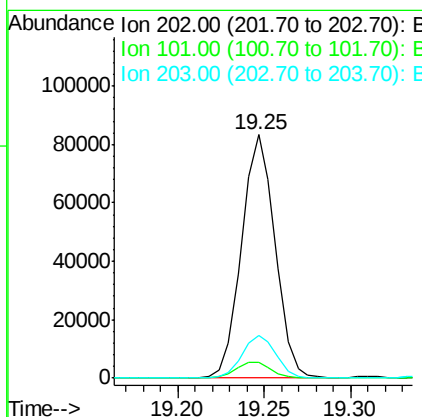
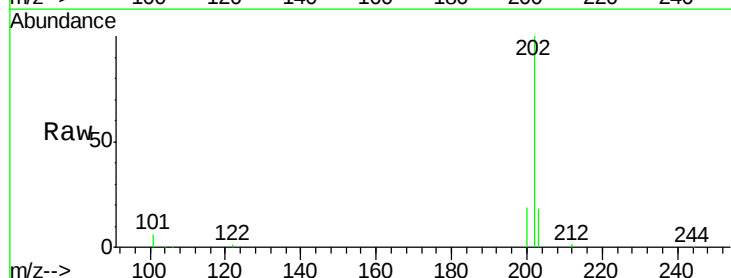
RT: 19.25 min Scan# 1389

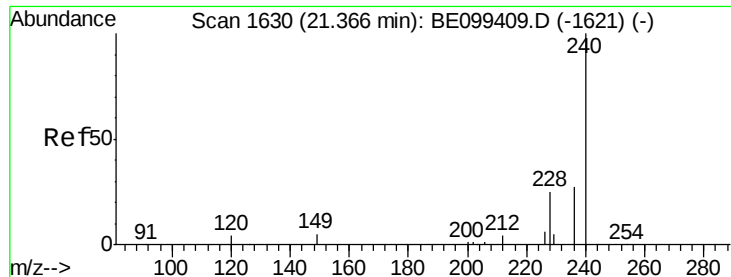
Delta R.T. -0.01 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

Tgt Ion:202	Resp:	111739
Ion Ratio	Lower	Upper
202	100	
101	6.7	5.4 8.0
203	17.6	13.9 20.9

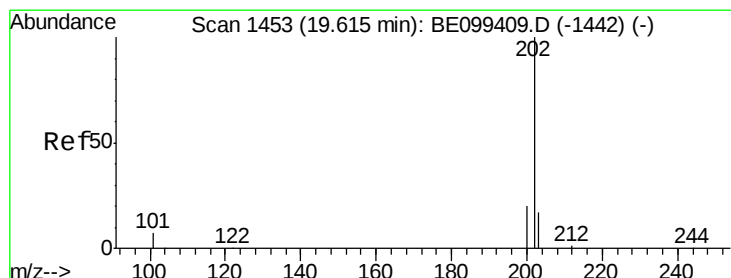
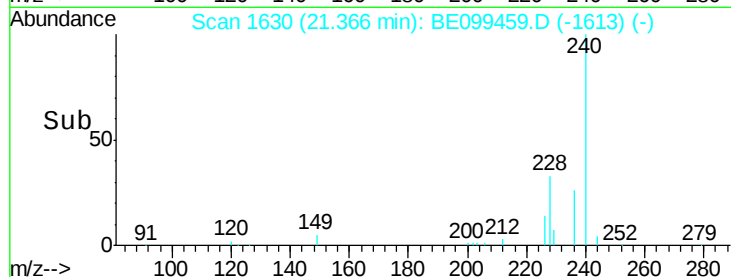
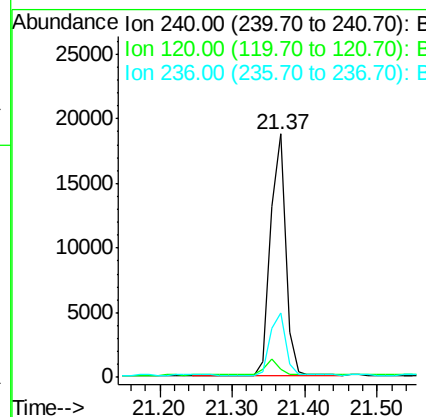
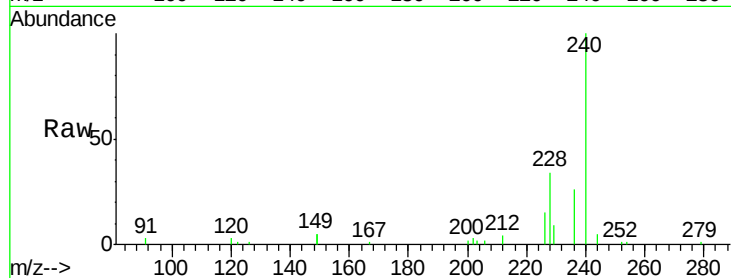




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

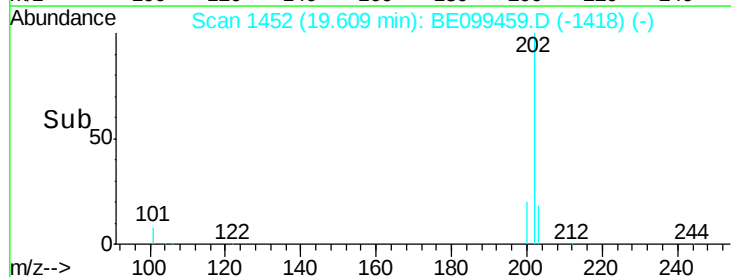
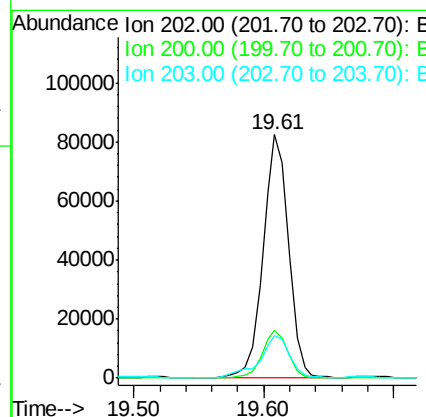
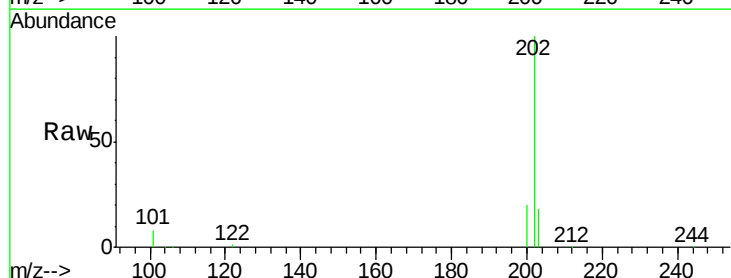
Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

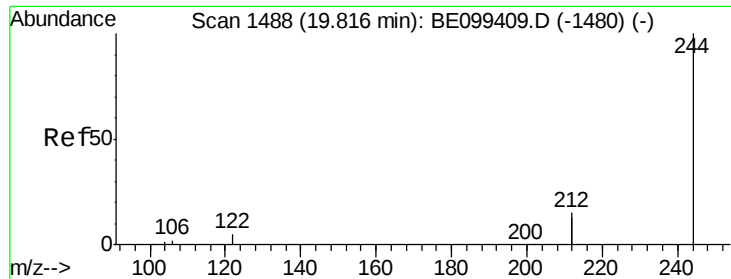
Tot Ion:240 Resp: 26946
Ion Ratio Lower Upper
240 100
120 3.1 4.0 6.0#
236 26.4 22.0 33.0



#28
Pyrene
Concen: 1.596 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

Tgt Ion:202 Resp: 112080
Ion Ratio Lower Upper
202 100
200 19.5 15.7 23.5
203 20.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.326 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

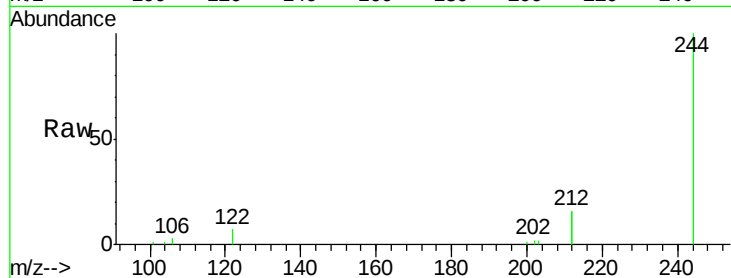
Tot Ion:244 Resp: 16063

Ion Ratio Lower Upper

244 100

212 32.2 23.2 34.8

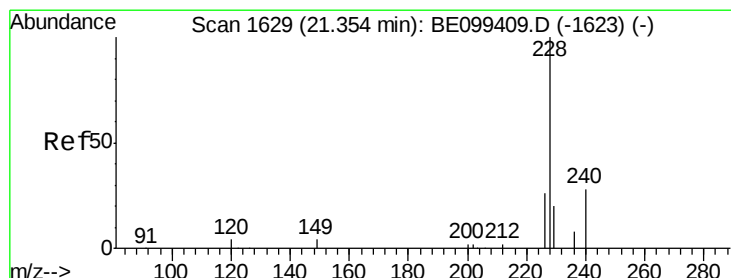
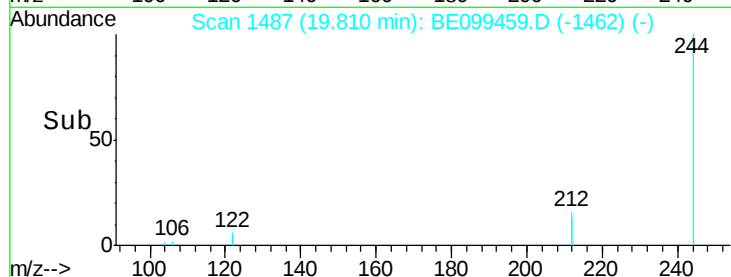
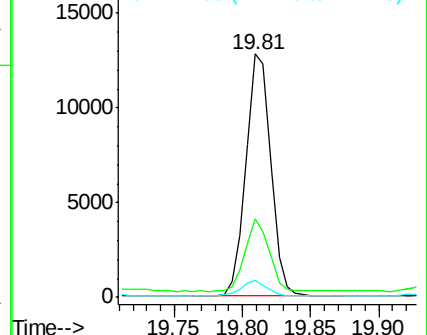
122 7.1 4.2 6.4#



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: 1.016 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

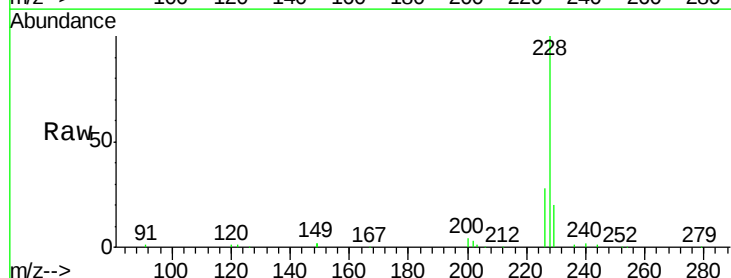
Tgt Ion:228 Resp: 87223

Ion Ratio Lower Upper

228 100

226 28.0 21.0 31.6

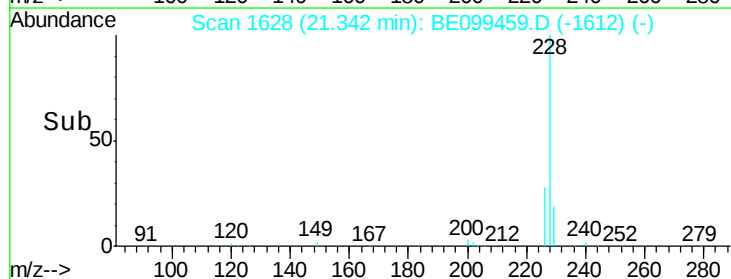
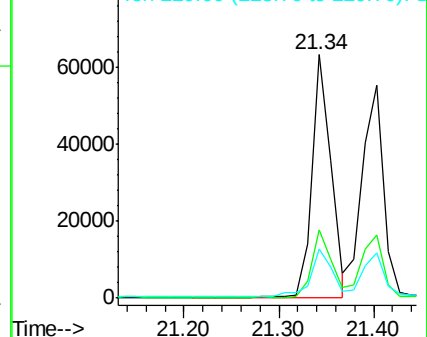
229 20.0 16.6 25.0

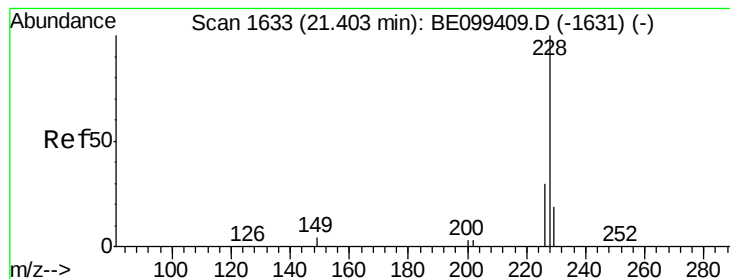


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.019 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

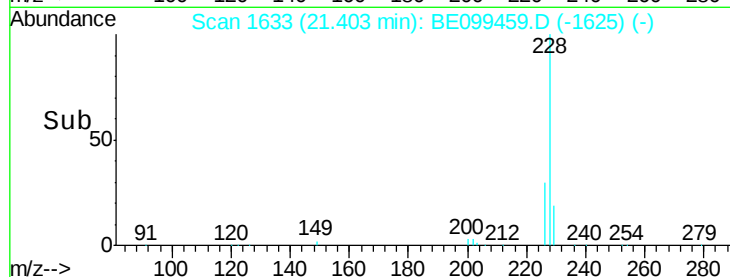
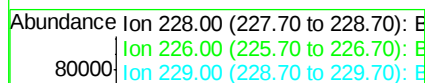
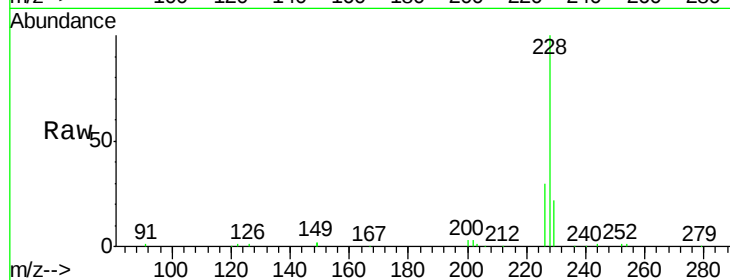
Tot Ion:228 Resp: 85628

Ion Ratio Lower Upper

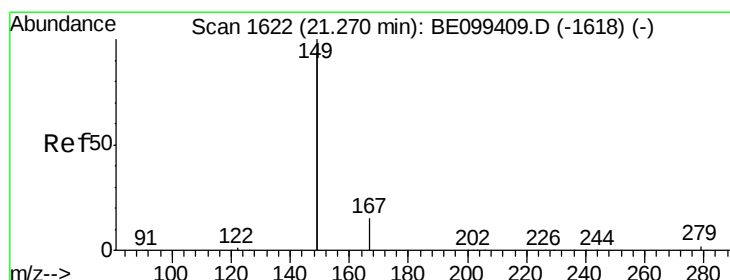
228 100

226 29.9 24.0 36.0

229 21.5 15.8 23.8



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.446 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099459.D

Acq: 1 May 2019 12:05

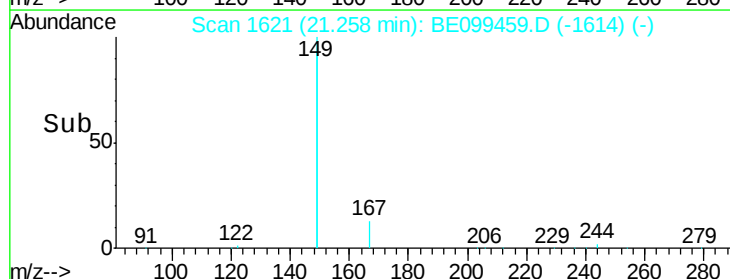
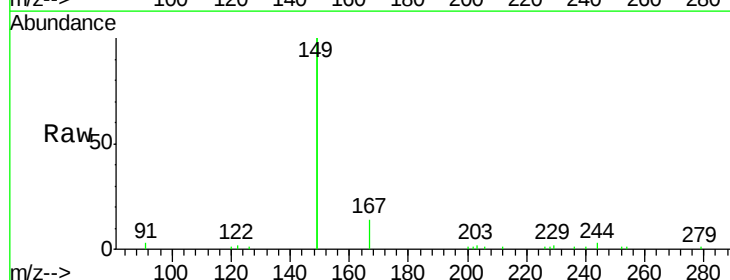
Tgt Ion:149 Resp: 62686

Ion Ratio Lower Upper

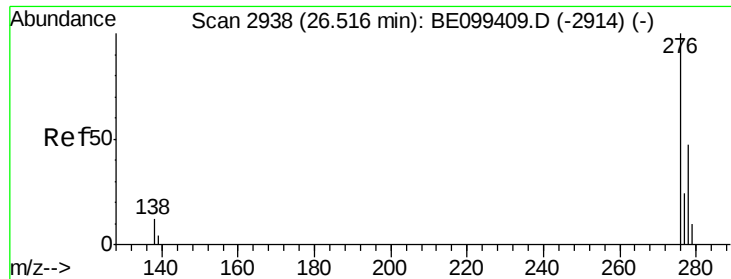
149 100

167 7.4 5.8 8.6

279 1.4 1.0 1.6



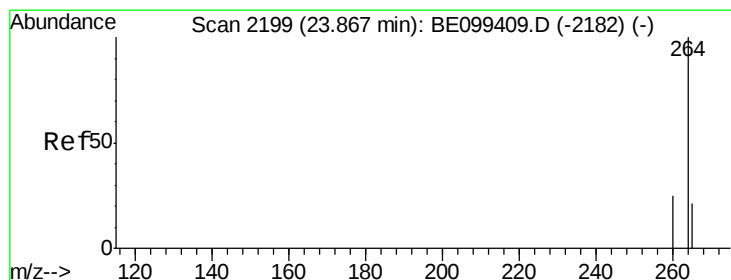
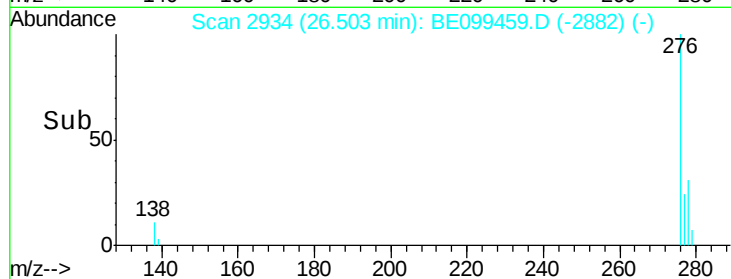
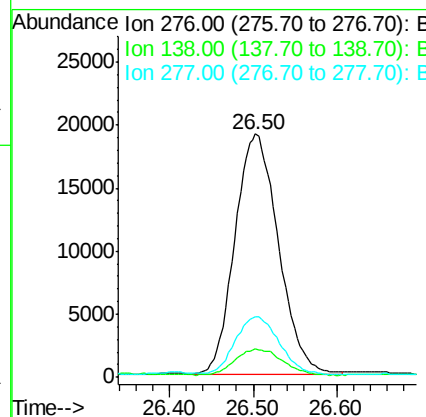
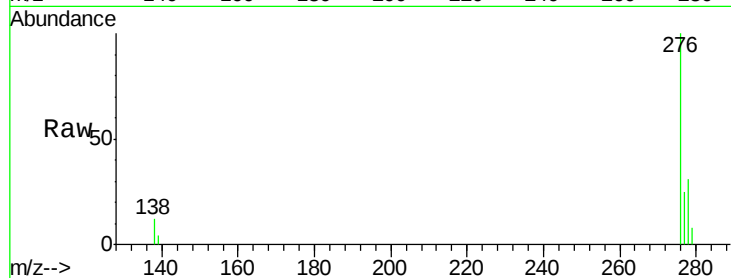
Time-->



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.690 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

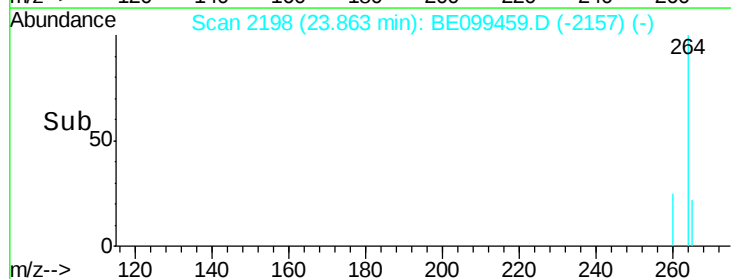
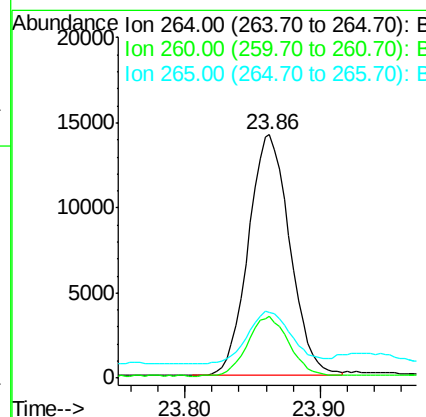
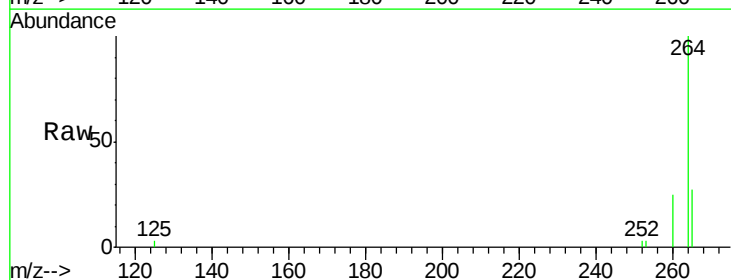
Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

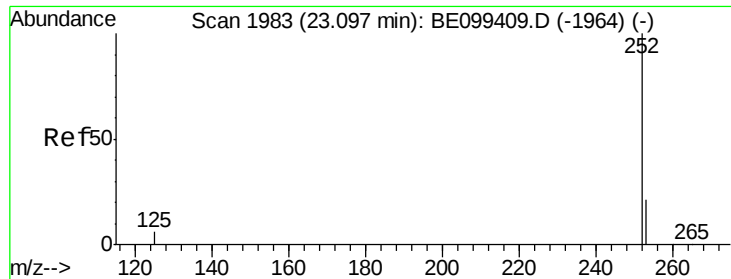
Tot Ion:276 Resp: 68541
Ion Ratio Lower Upper
276 100
138 11.8 10.2 15.2
277 24.4 19.2 28.8



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

Tgt Ion:264 Resp: 30366
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.2
265 26.9 21.3 31.9

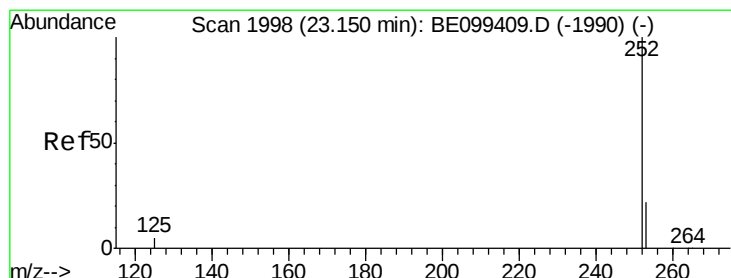
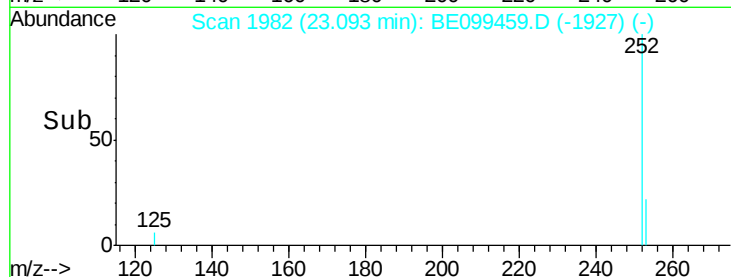
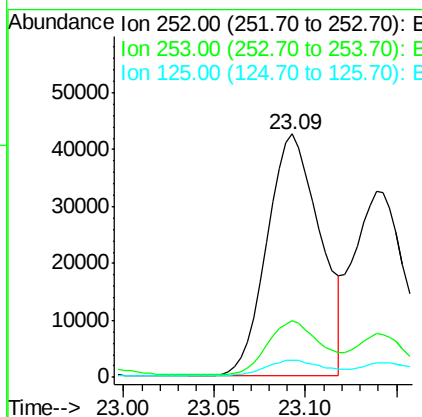
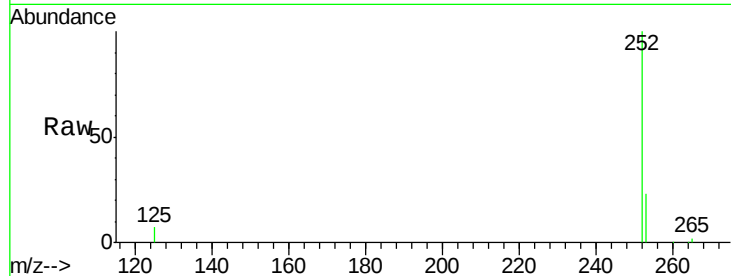




#35
Benzo(b)fluoranthene
Concen: 0.980 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

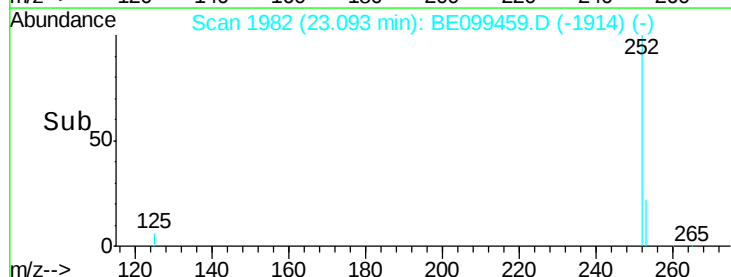
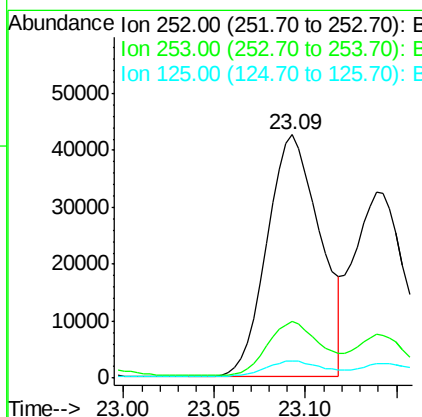
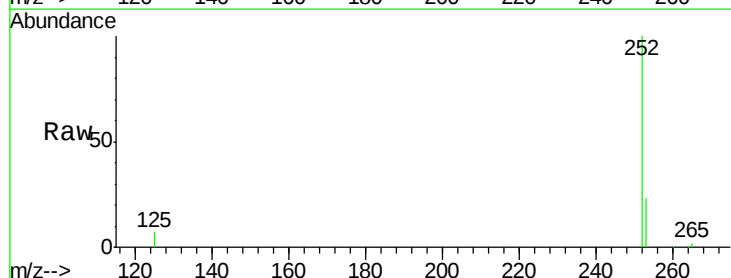
Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

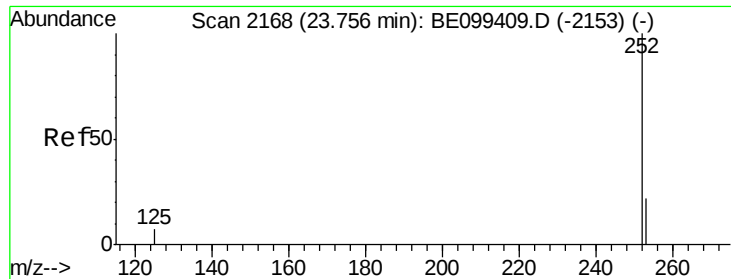
Tot Ion:252 Resp: 85835
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 6.9 5.6 8.4



#36
Benzo(k)fluoranthene
Concen: 1.017 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

Tgt Ion:252 Resp: 85835
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 6.9 5.0 7.4

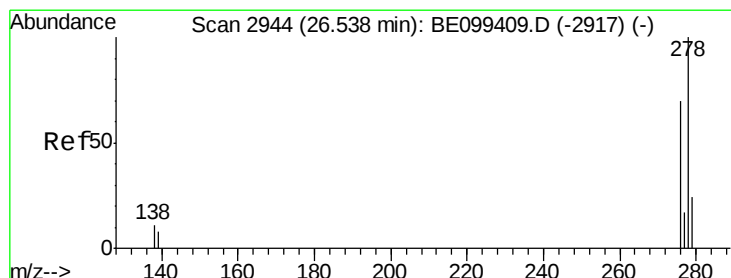
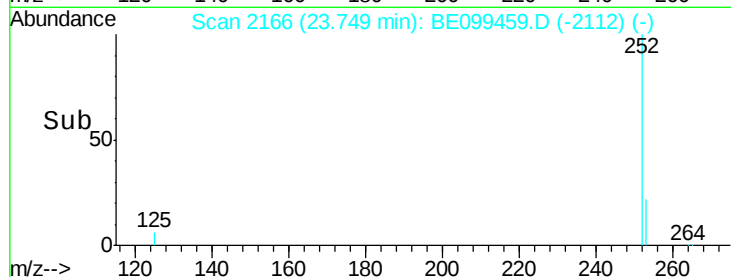
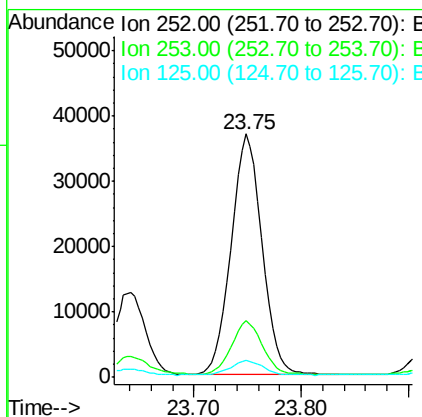
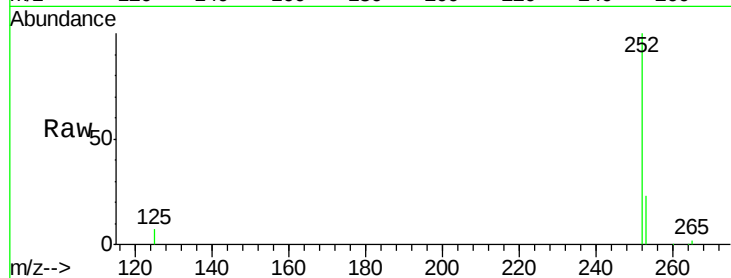




#37
Benzo(a)pyrene
Concen: 0.887 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

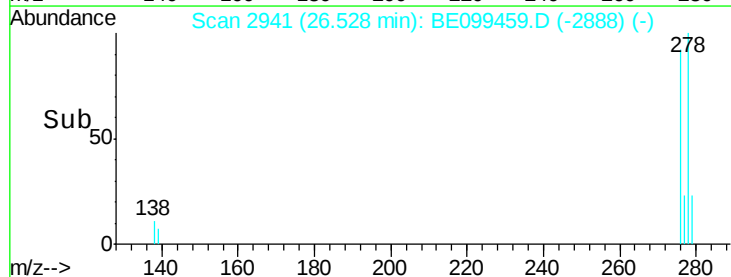
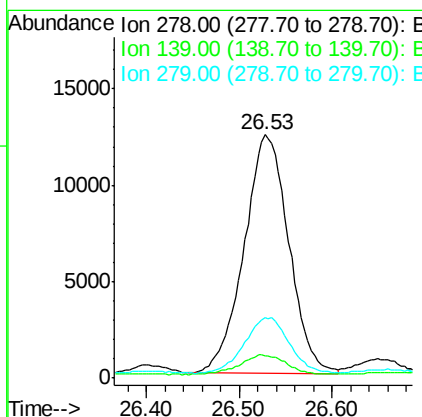
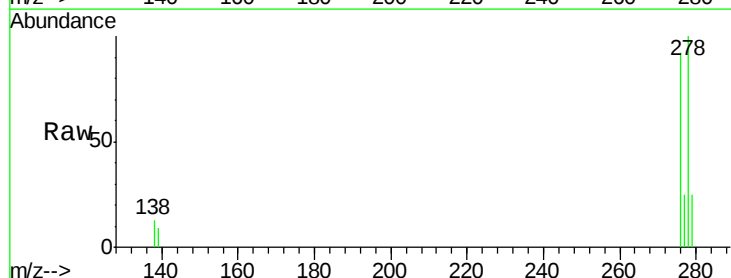
Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

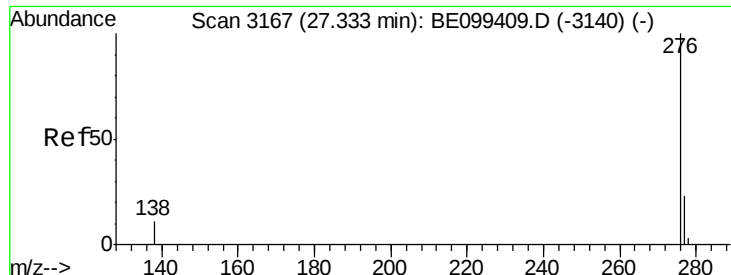
Tot Ion:252 Resp: 73464
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 6.9 6.7 10.1



#38
Dibenzo(a,h)anthracene
Concen: 0.488 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE099459.D
Acq: 1 May 2019 12:05

Tgt Ion:278 Resp: 41360
Ion Ratio Lower Upper
278 100
139 9.0 7.7 11.5
279 25.1 20.2 30.2





#39

Benzo(a,h,i)perylene

Concen: 0.723 ng

RT: 27.32 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BE099459.D

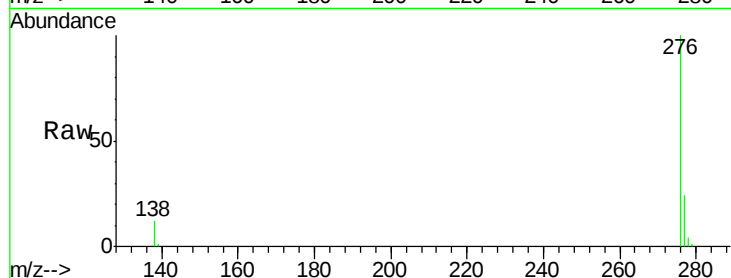
Acq: 1 May 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD



Tot Ion: 276 Resp: 61341

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 11.9 9.6 14.4

