

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099477.D
 Acq On : 1 May 2019 23:46
 Operator : JU/SJ
 Sample : K2533-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-027-B109-042219

Quant Time: May 02 07:43:44 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	2223	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	8133	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6506	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	21861	0.40	ng	0.00
27) Chrysene-d12	21.37	240	27417	0.40	ng	0.00
34) Perylene-d12	23.86	264	31876	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2470	0.40	ng	0.00
5) Phenol-d6	6.96	99	3589	0.44	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2925	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	5622	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1880	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	8317	0.34	ng	-0.02
25) Fluoranthene-d10	19.22	212	105641	0.36	ng	0.00
29) Terphenyl-d14	19.81	244	22257	0.44	ng	0.00

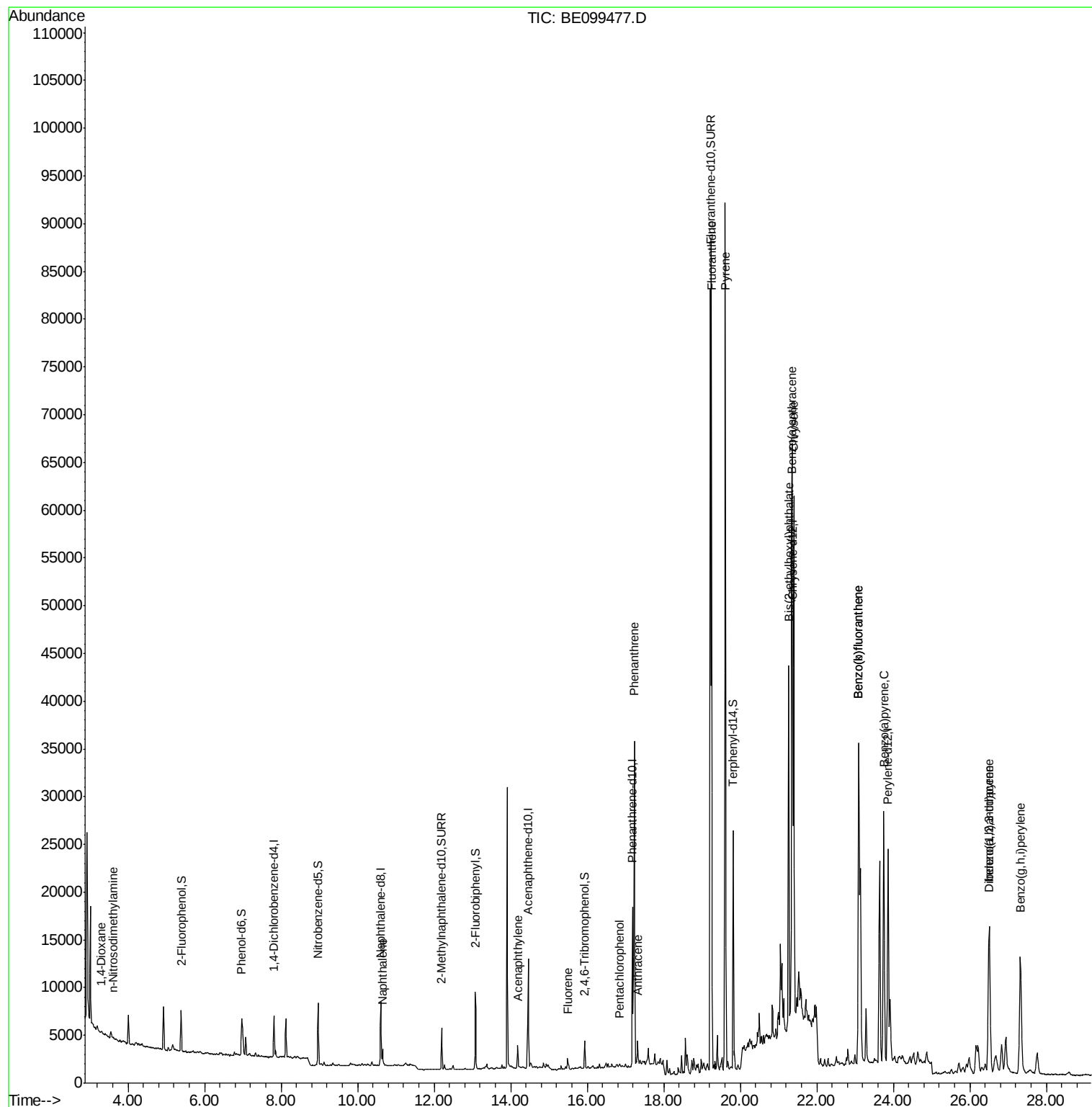
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	126	0.041	ng	# 27
3) n-Nitrosodimethylamine	3.61	42	90	0.049	ng	# 1
9) Naphthalene	10.65	128	2419	0.027	ng	# 92
16) Acenaphthylene	14.18	152	3640	0.114	ng	97
18) Fluorene	15.49	166	920	0.034	ng	# 88
22) Pentachlorophenol	16.84	266	42	0.222	ng	# 72
23) Phenanthrene	17.23	178	33890	0.601	ng	100
24) Anthracene	17.32	178	2884	0.054	ng	# 94
26) Fluoranthene	19.25	202	78980	0.935	ng	100
28) Pvrene	19.61	202	84678	1.185	ng	97
30) Benzo(a)anthracene	21.34	228	45550	0.521	ng	97
31) Chrysene	21.40	228	55521	0.650	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	53516	0.363	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	32112	0.318	ng	98
35) Benzo(b)fluoranthene	23.09	252	64578	0.703	ng	# 96
36) Benzo(k)fluoranthene	23.09	252	64578	0.729	ng	# 96
37) Benzo(a)pvrene	23.75	252	43067	0.496	ng	99
38) Dibenzo(a,h)anthracene	26.52	278	7954	0.089	ng	# 83
39) Benzo(g,h,i)perylene	27.32	276	32346	0.363	ng	98

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

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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: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

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ClientSampleId :

PST-027-B109-042219

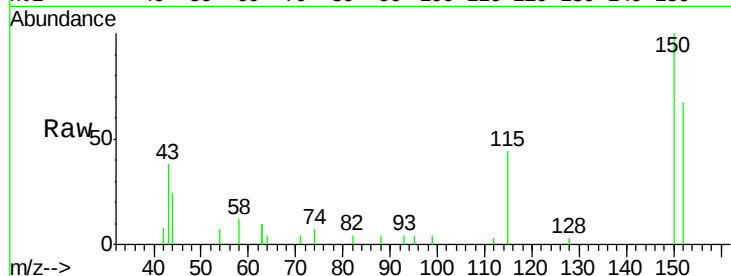
Tot Ion:152 Resp: 2223

Ion Ratio Lower Upper

152 100

150 150.0 104.8 157.2

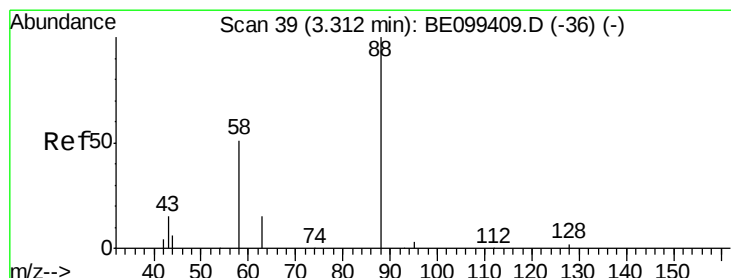
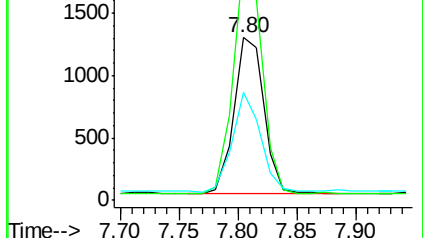
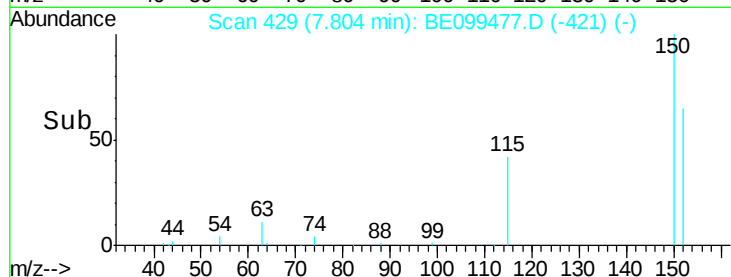
115 66.3 46.6 69.8



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: 0.041 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

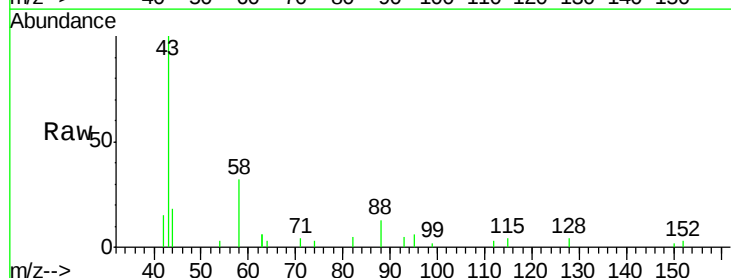
Tgt Ion: 88 Resp: 126

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

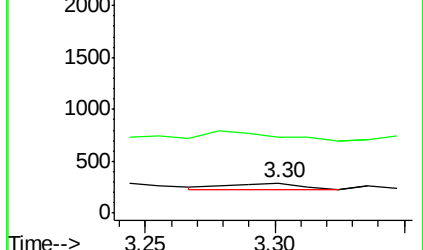
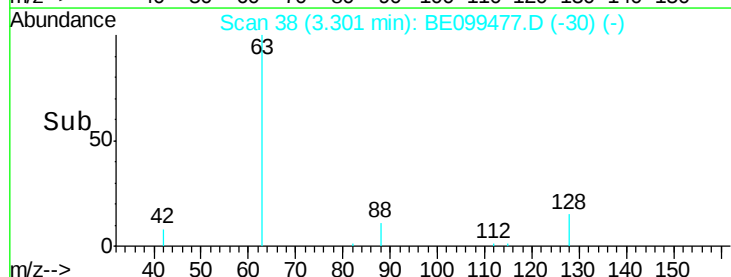
43 0.0 20.6 30.8#



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: 0.049 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.03 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

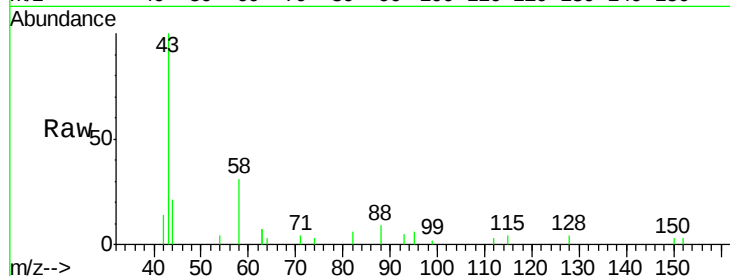
Tot Ion: 42 Resp: 90

Ion Ratio Lower Upper

42 100

74 0.0 141.6 212.4#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

600

500

400

300

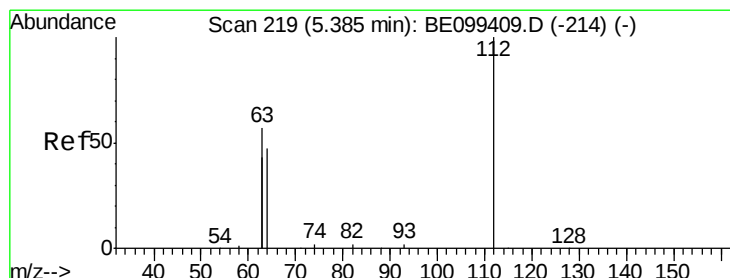
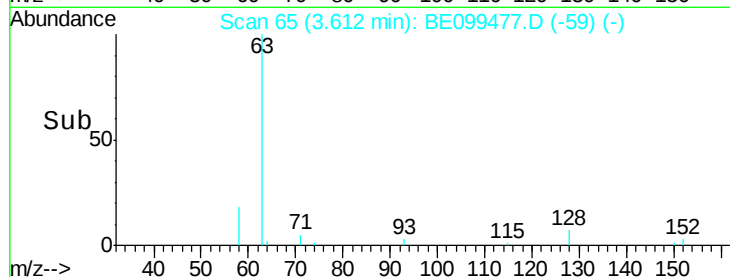
200

100

0

3.60 3.65

Time-->



#4

2-Fluorophenol

Concen: 0.402 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

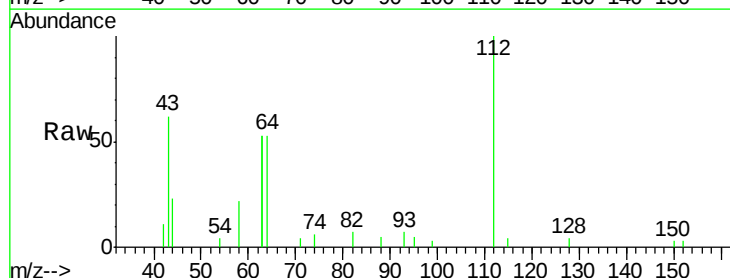
Tgt Ion: 112 Resp: 2470

Ion Ratio Lower Upper

112 100

64 56.2 47.4 71.0

63 128.0 104.3 156.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

2500

2000

1500

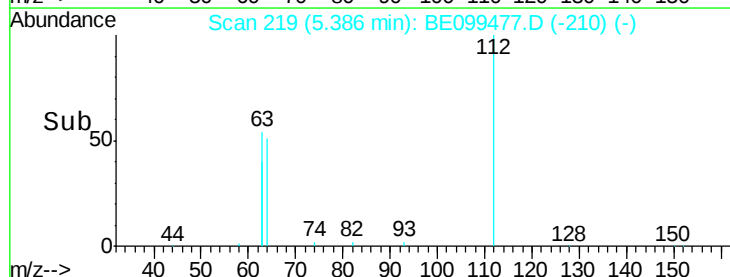
1000

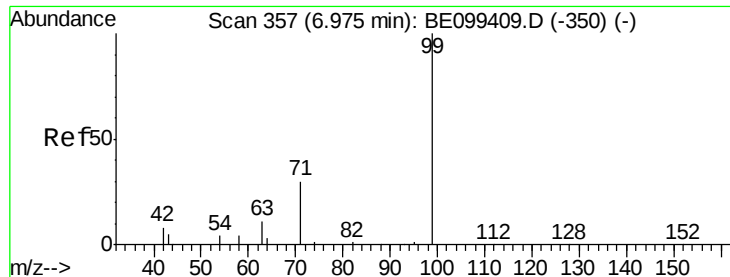
500

0

5.30 5.35 5.40 5.45

Time-->





#5

Phenol-d6

Concen: 0.439 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

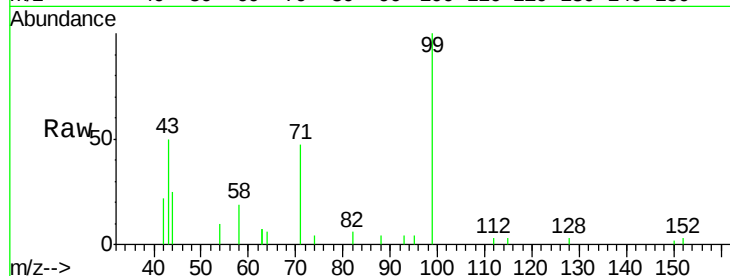
Tot Ion: 99 Resp: 3589

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

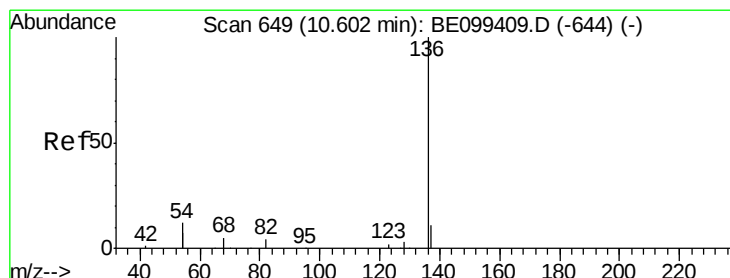
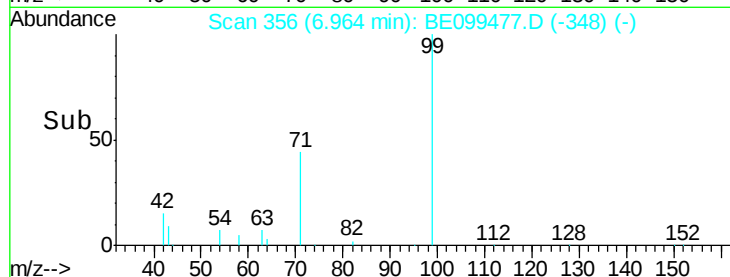
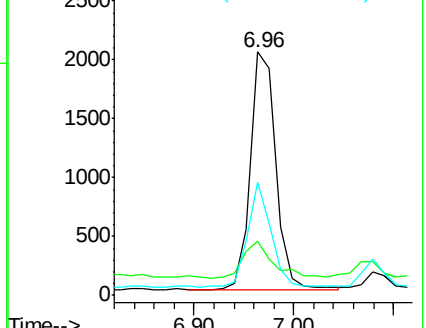
71 39.9 33.0 49.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Tgt Ion: 136 Resp: 8133

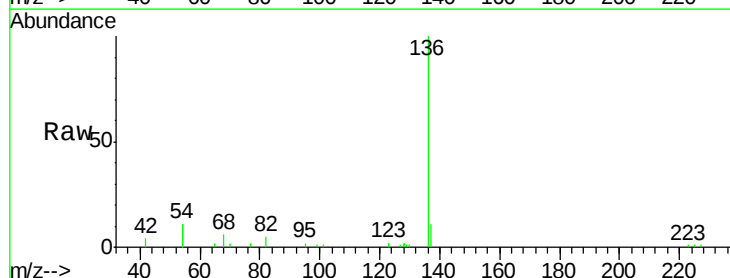
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 22.2 18.5 27.7

68 6.1 4.7 7.1

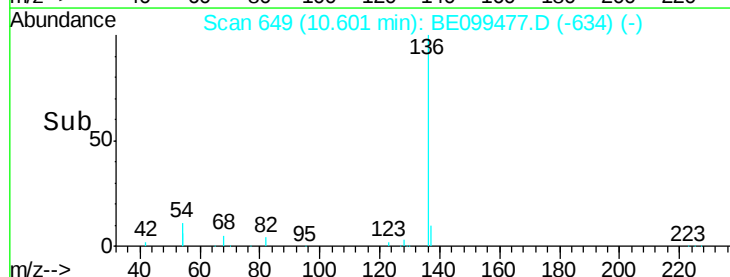
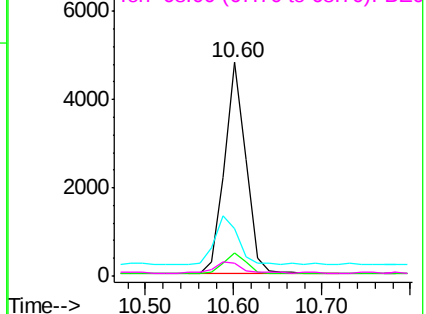


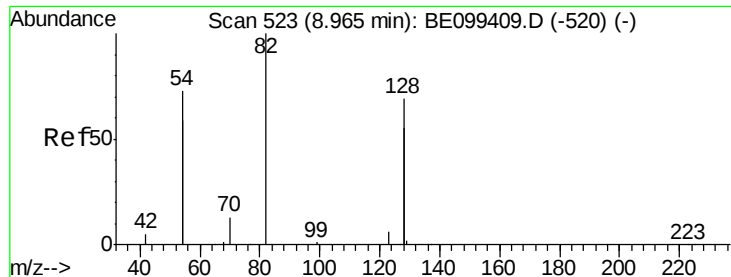
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

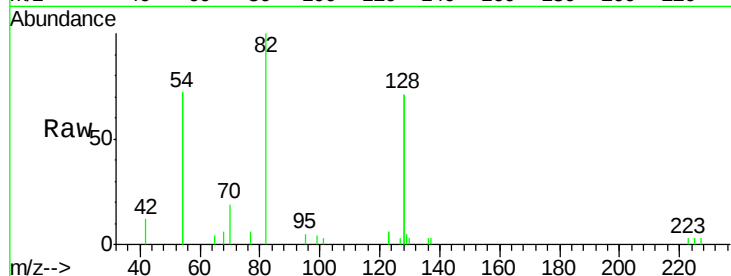
Tot Ion: 82 Resp: 2925

Ion Ratio Lower Upper

82 100

128 142.9 107.0 160.4

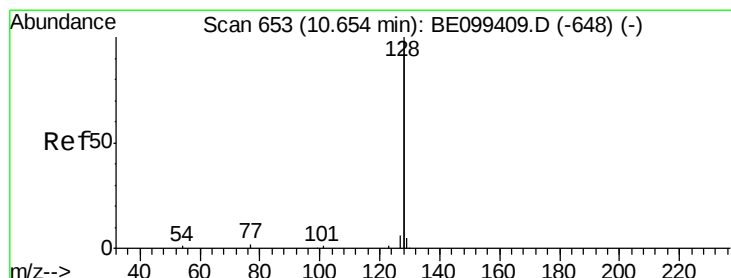
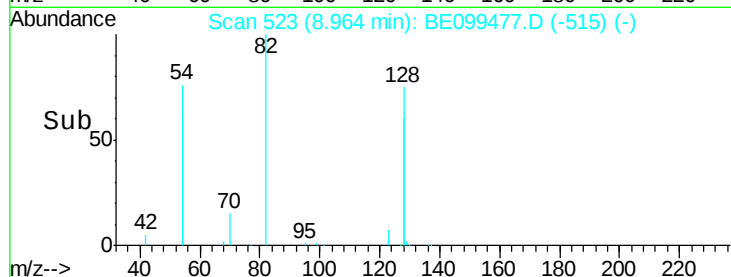
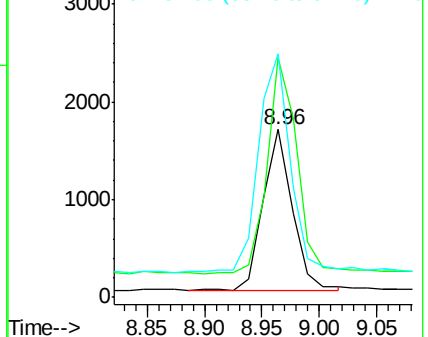
54 145.0 113.1 169.7



Abundance Ion 82.00 (81.70 to 82.70): BE099409.D (-520) (-)

Ion 128.00 (127.70 to 128.70): BE099409.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BE099409.D (-520) (-)



#9

Naphthalene

Concen: 0.027 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

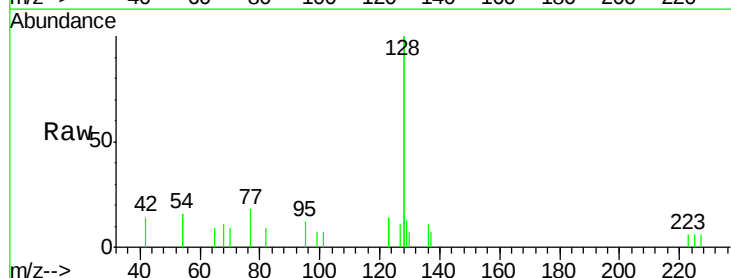
Tgt Ion: 128 Resp: 2419

Ion Ratio Lower Upper

128 100

129 6.5 2.4 3.6#

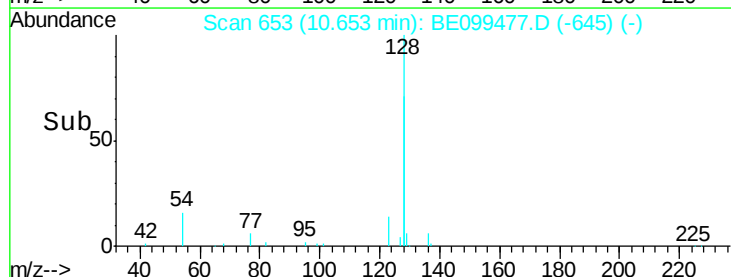
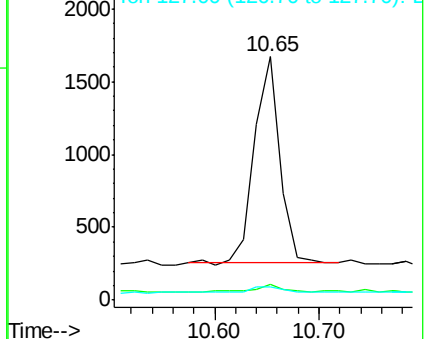
127 5.4 2.8 4.2#

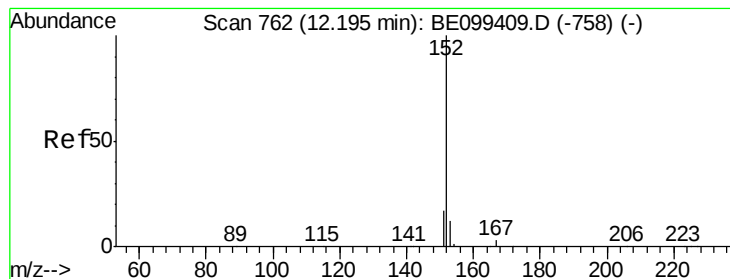


Abundance Ion 128.00 (127.70 to 128.70): BE099409.D (-648) (-)

Ion 129.00 (128.70 to 129.70): BE099409.D (-648) (-)

Ion 127.00 (126.70 to 127.70): BE099409.D (-648) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

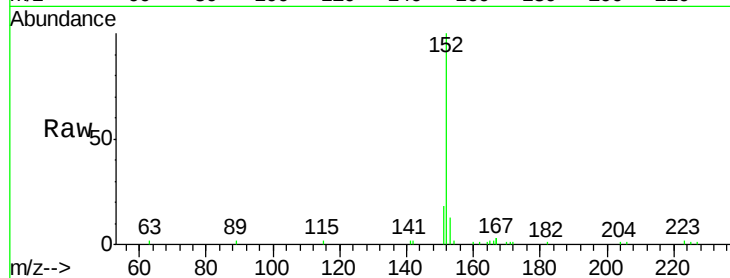
PST-027-B109-042219

Tot Ion:152 Resp: 5622

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

4000

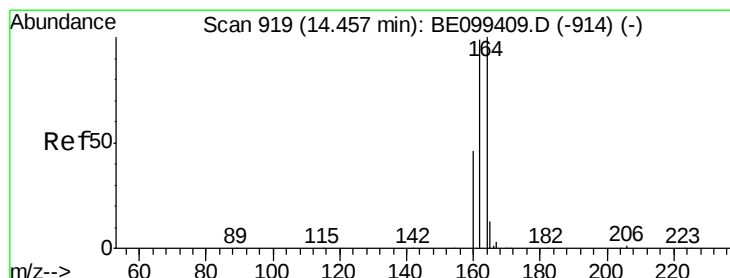
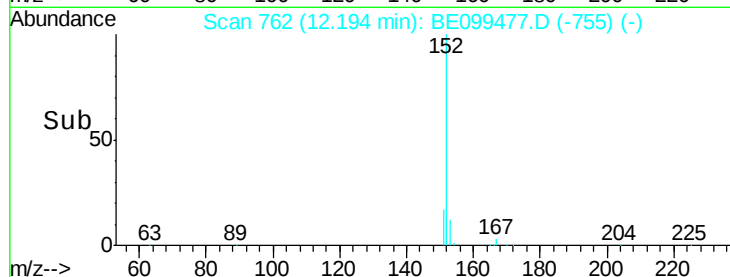
3000

2000

1000

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

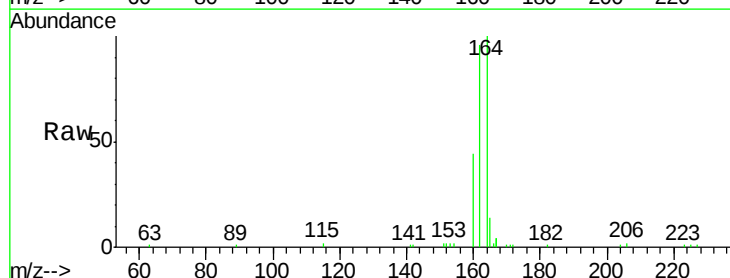
Tgt Ion:164 Resp: 6506

Ion Ratio Lower Upper

164 100

162 95.6 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

14.46

6000

5000

4000

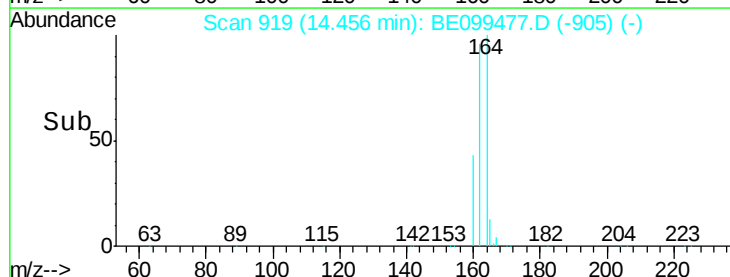
3000

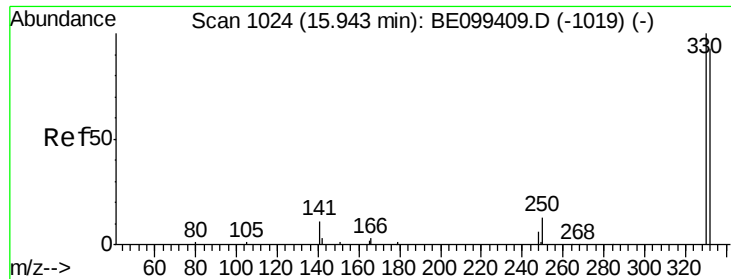
2000

1000

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.459 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

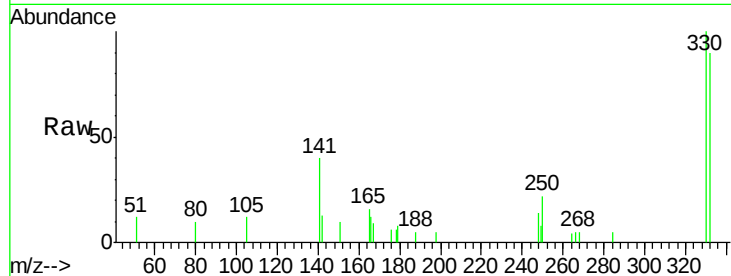
Tot Ion:330 Resp: 1880

Ion Ratio Lower Upper

330 100

332 92.8 71.5 107.3

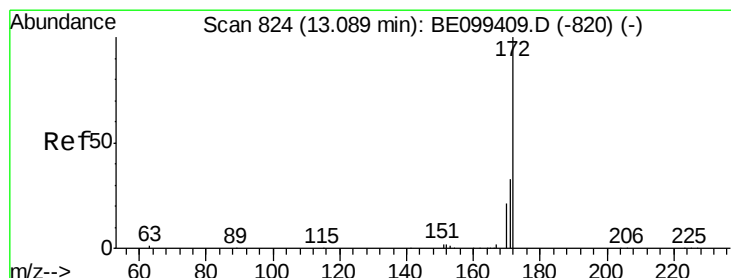
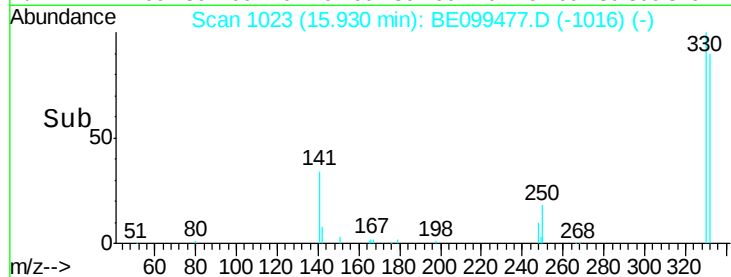
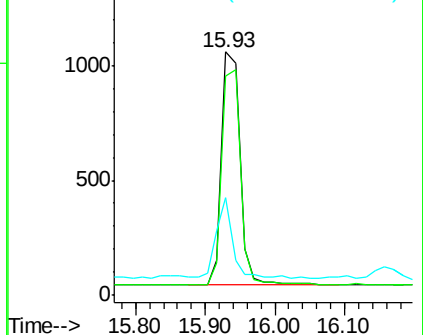
141 31.3 24.0 36.0



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: 0.335 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.02 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

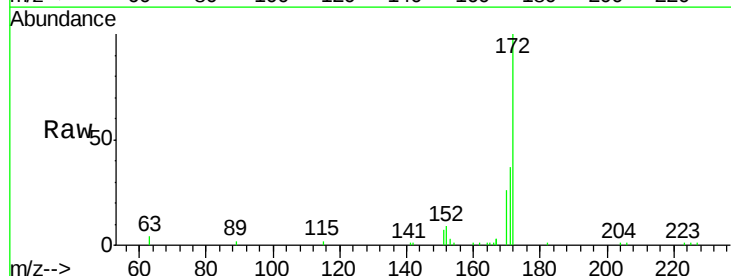
Tgt Ion:172 Resp: 8317

Ion Ratio Lower Upper

172 100

171 37.4 26.6 39.8

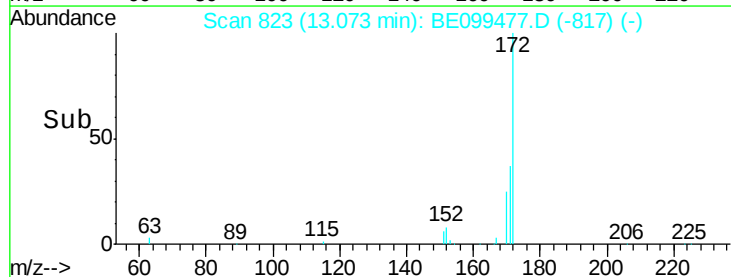
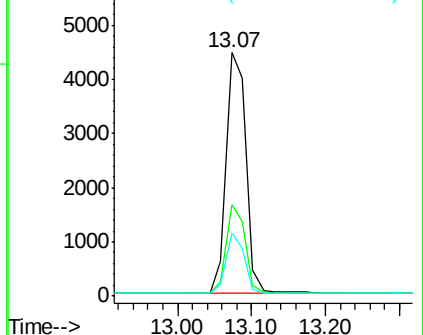
170 25.7 17.0 25.6#

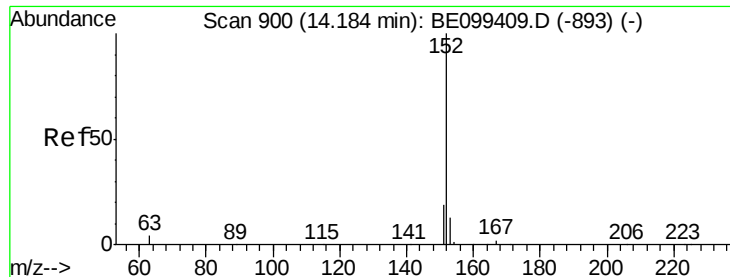


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.114 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

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PST-027-B109-042219

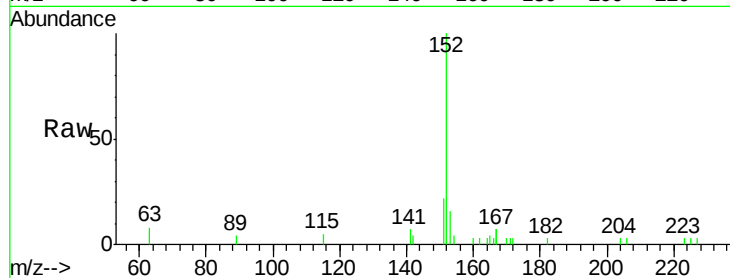
Tot Ion:152 Resp: 3640

Ion Ratio Lower Upper

152 100

151 21.4 15.4 23.2

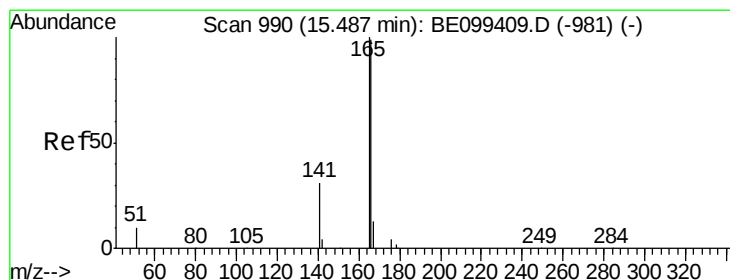
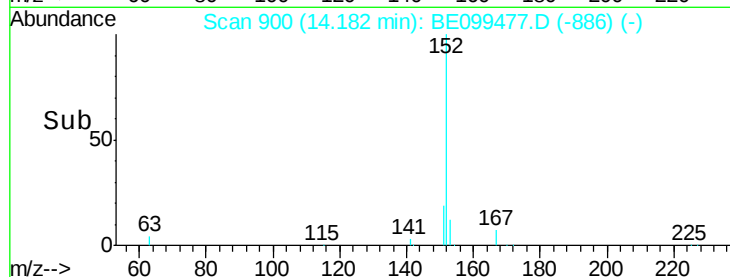
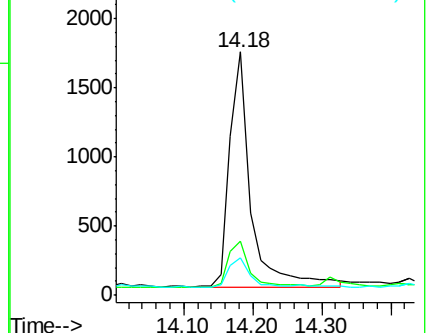
153 12.3 9.8 14.6



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



#18

Fluorene

Concen: 0.034 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

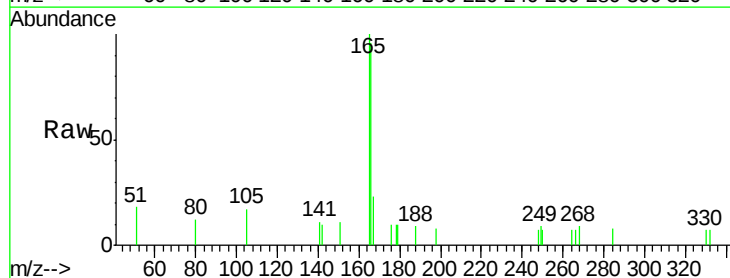
Tgt Ion:166 Resp: 920

Ion Ratio Lower Upper

166 100

165 110.8 80.3 120.5

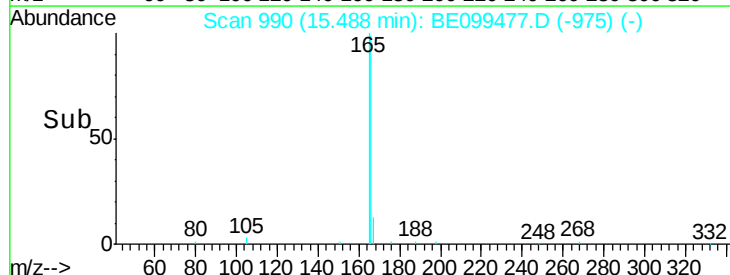
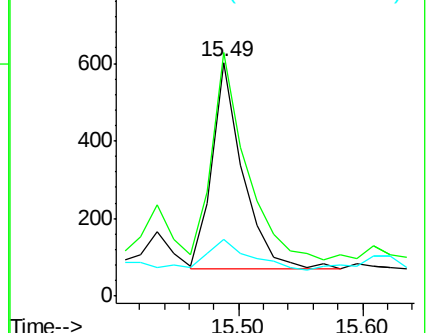
167 21.5 10.7 16.1#

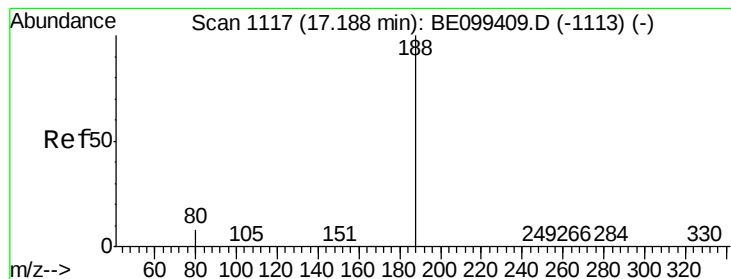


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

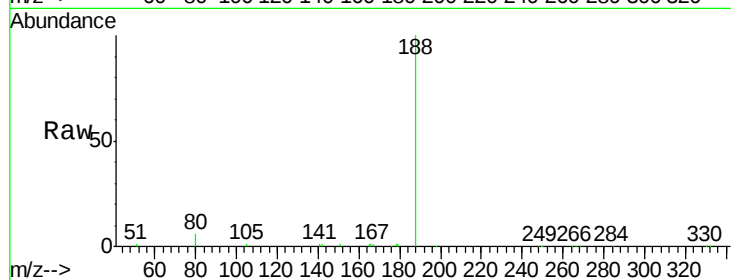
Tot Ion:188 Resp: 21861

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

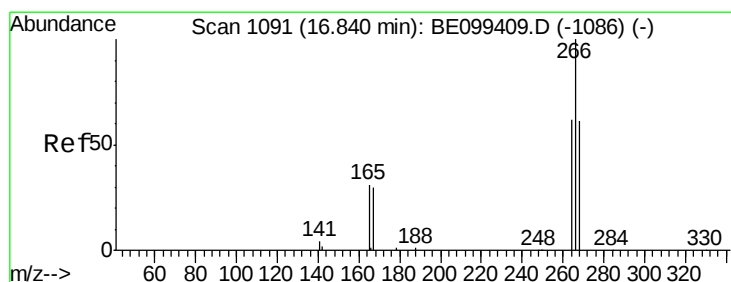
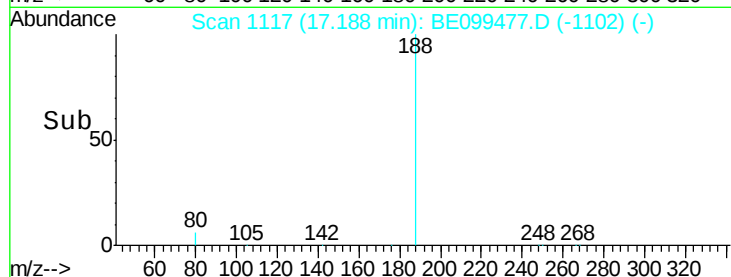
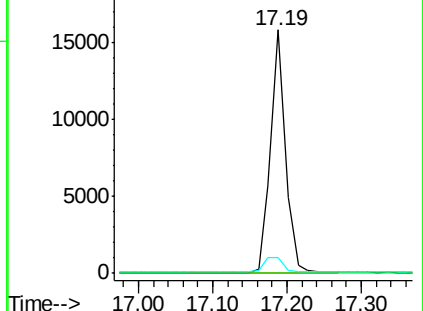
80 6.2 6.7 10.1#



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



#22

Pentachlorophenol

Concen: 0.222 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

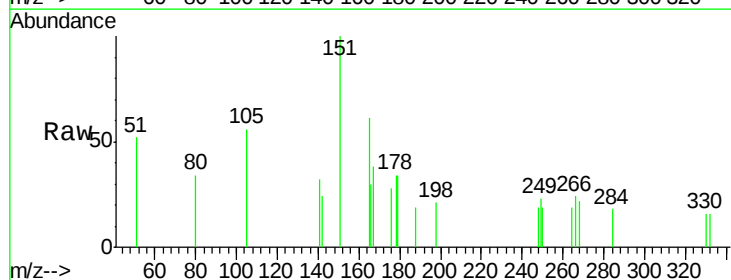
Tgt Ion:266 Resp: 42

Ion Ratio Lower Upper

266 100

264 80.6 50.8 76.2#

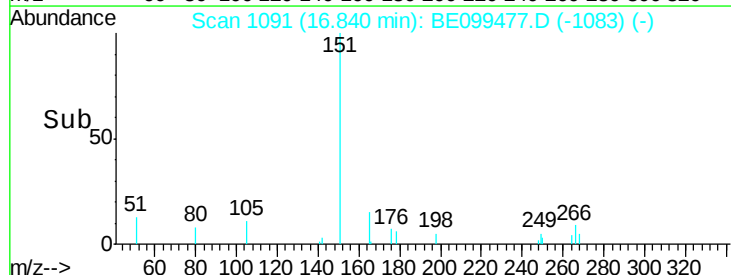
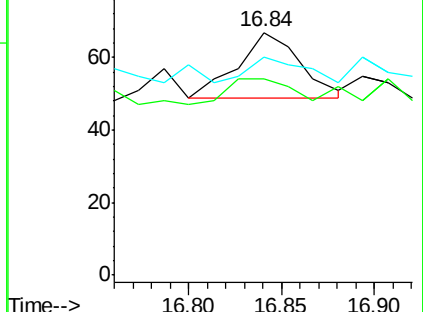
268 89.6 50.5 75.7#

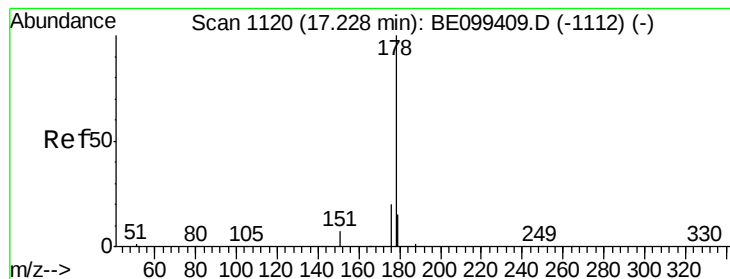


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.601 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

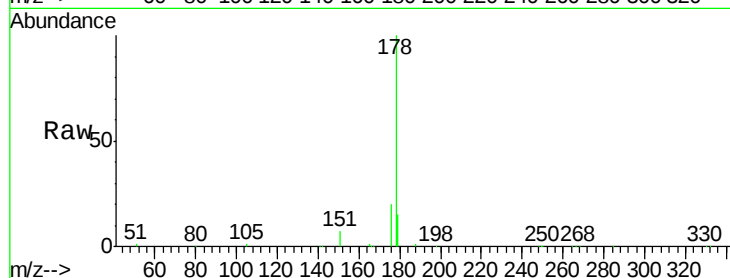
Tot Ion:178 Resp: 33890

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

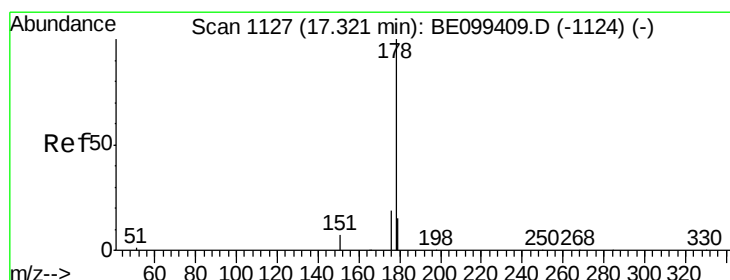
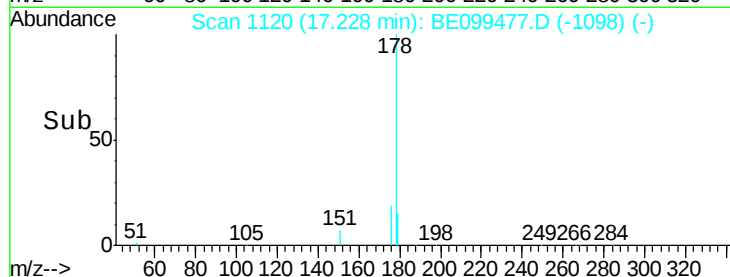
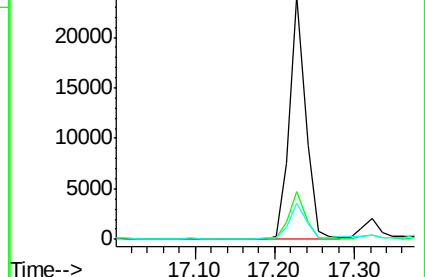
179 15.0 12.0 18.0



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: 0.054 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

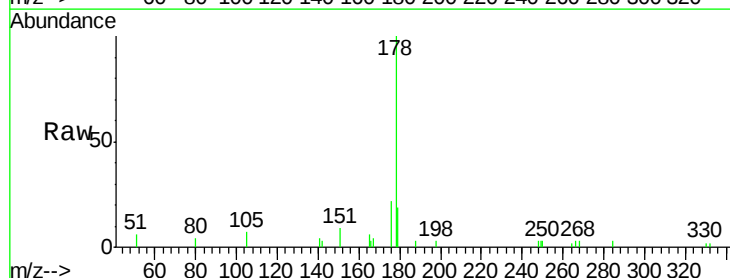
Tgt Ion:178 Resp: 2884

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

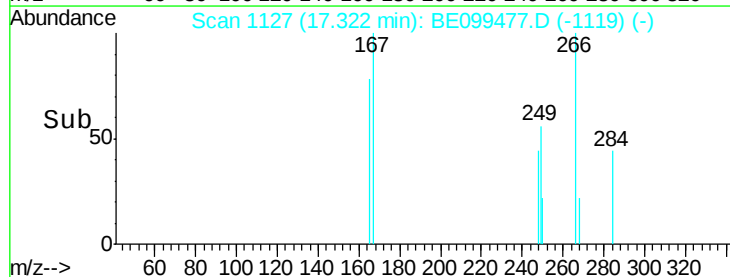
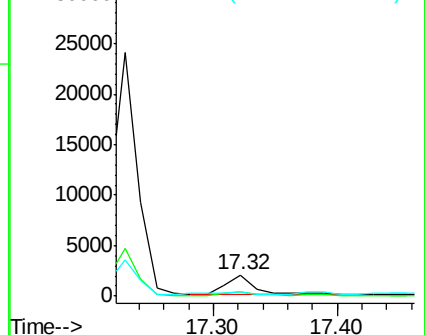
179 20.1 11.9 17.9#

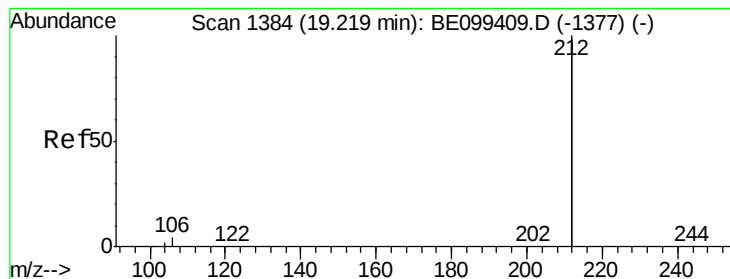


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

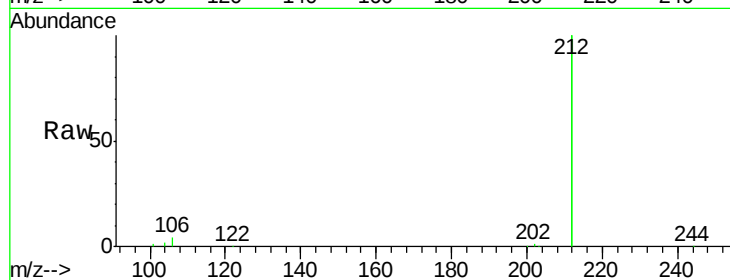
Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

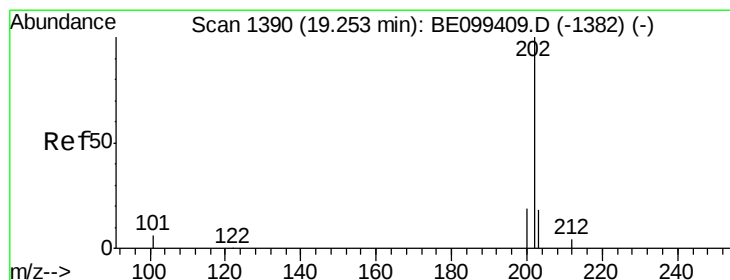
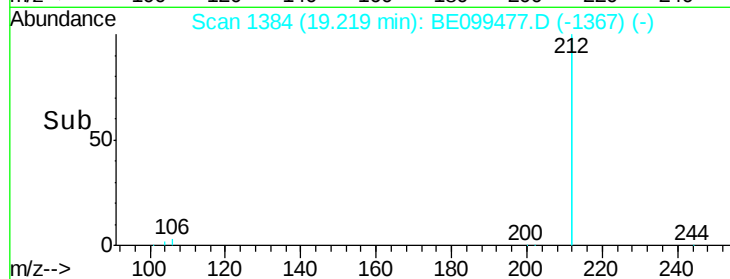
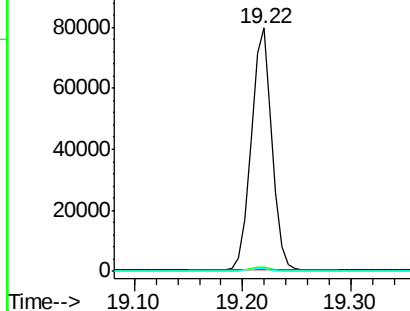
Tot Ion:212	Resp:	105641
Ion Ratio	Lower	Upper
212	100	
106	1.9	1.5 2.3
104	1.1	0.9 1.3



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: 0.935 ng

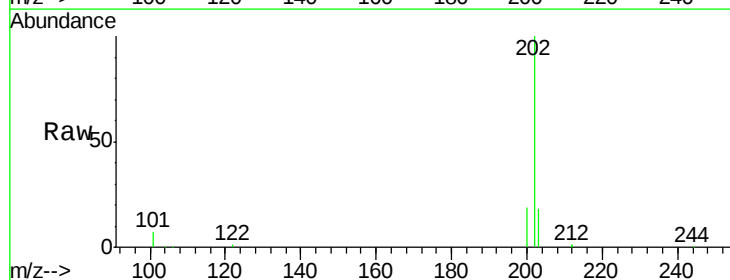
RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

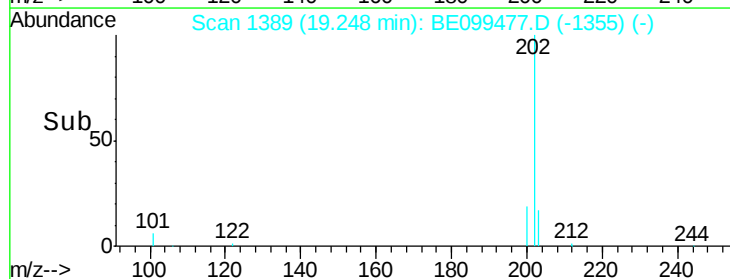
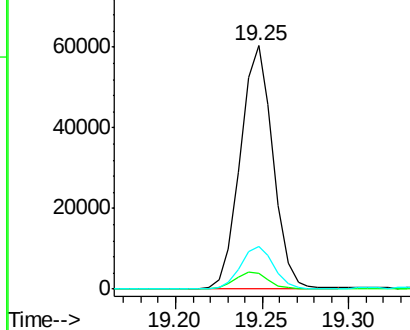
Tgt Ion:202	Resp:	78980
Ion Ratio	Lower	Upper
202	100	
101	6.8	5.4 8.0
203	17.6	13.9 20.9

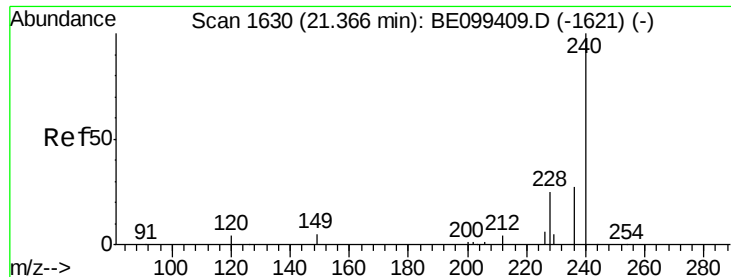


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

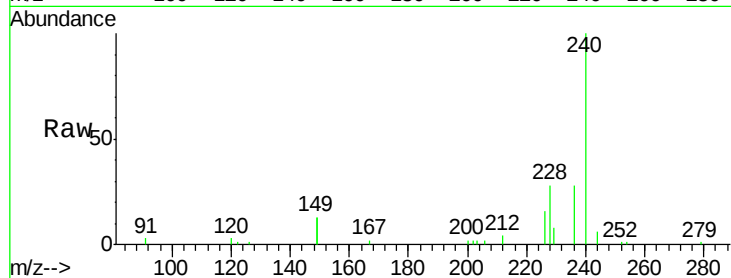
Tot Ion:240 Resp: 27417

Ion Ratio Lower Upper

240 100

120 3.1 4.0 6.0#

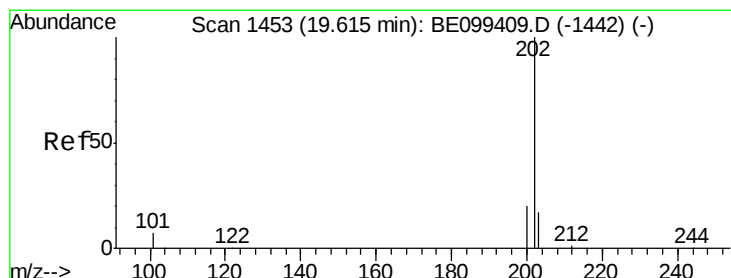
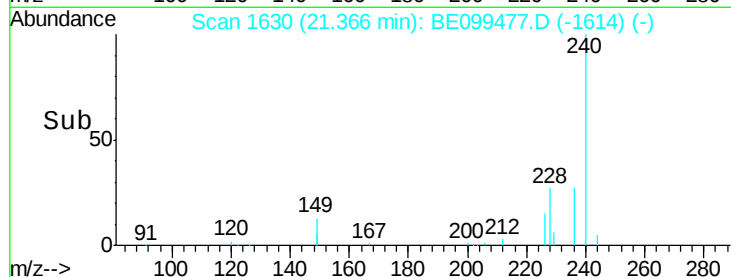
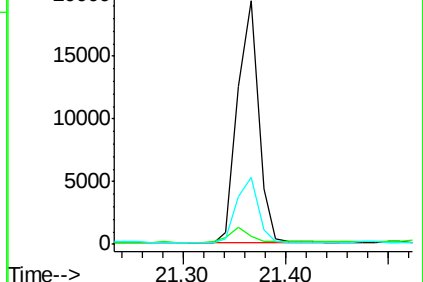
236 27.5 22.0 33.0



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: 1.185 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

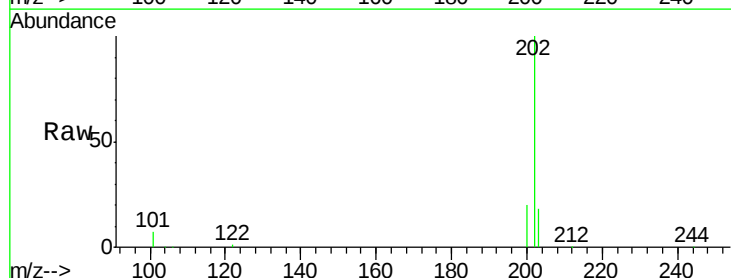
Tgt Ion:202 Resp: 84678

Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

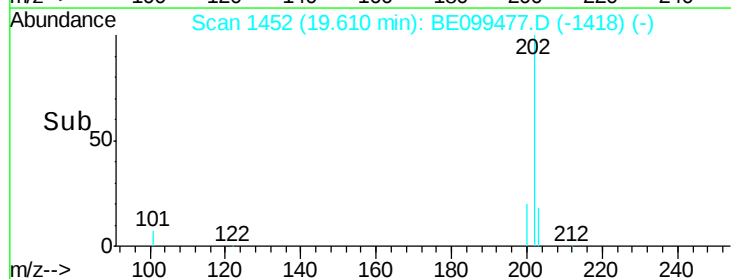
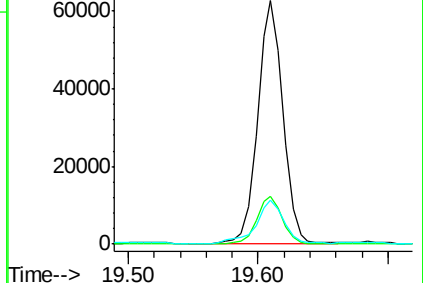
203 19.9 13.9 20.9

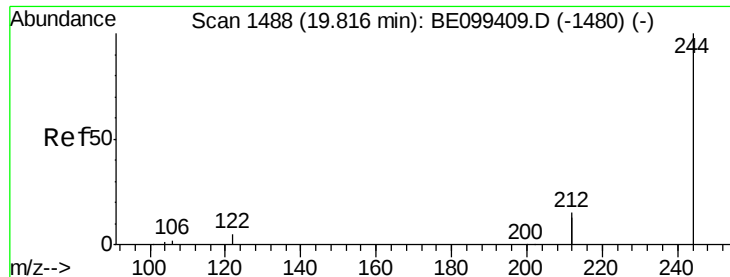


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

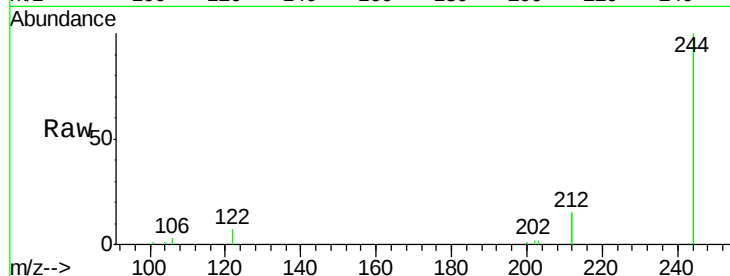
Tot Ion:244 Resp: 22257

Ion Ratio Lower Upper

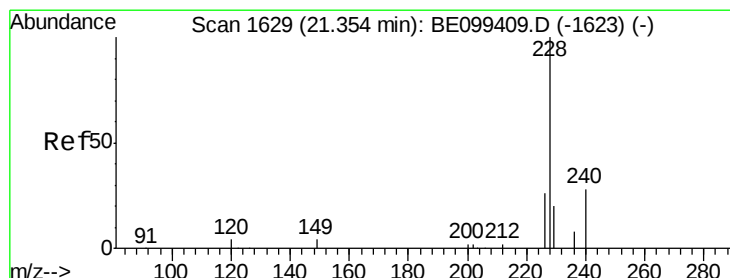
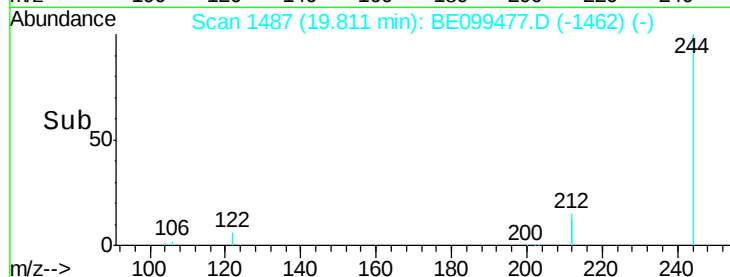
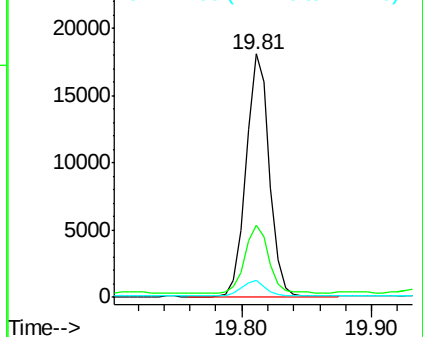
244 100

212 29.9 23.2 34.8

122 6.8 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: 0.521 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

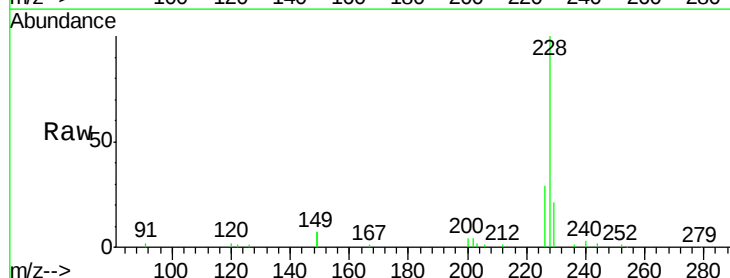
Tgt Ion:228 Resp: 45550

Ion Ratio Lower Upper

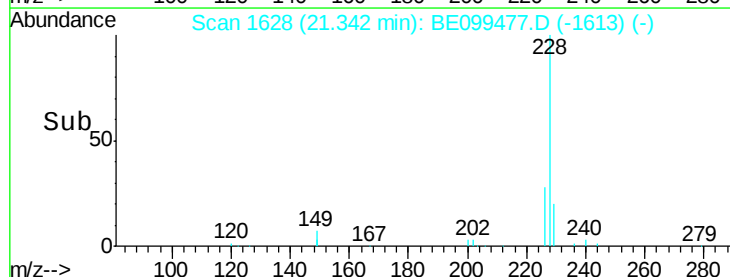
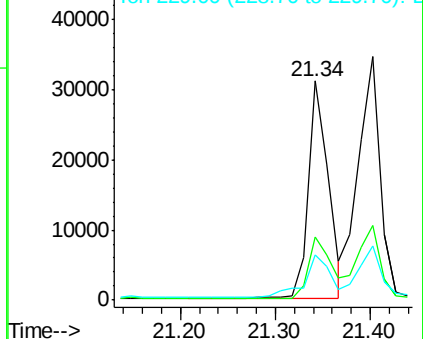
228 100

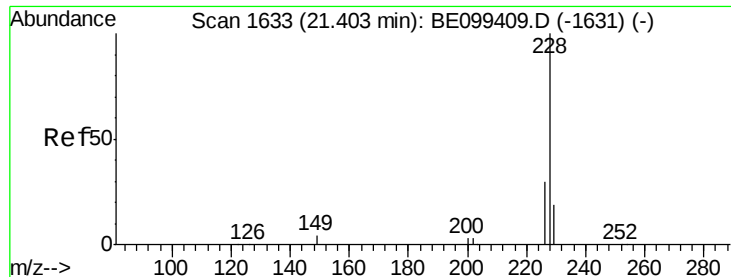
226 28.9 21.0 31.6

229 20.9 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: 0.650 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

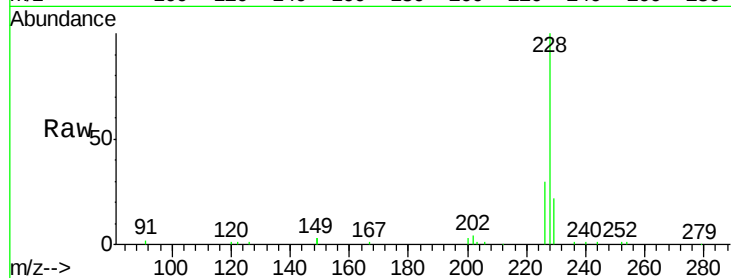
Tot Ion:228 Resp: 55521

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

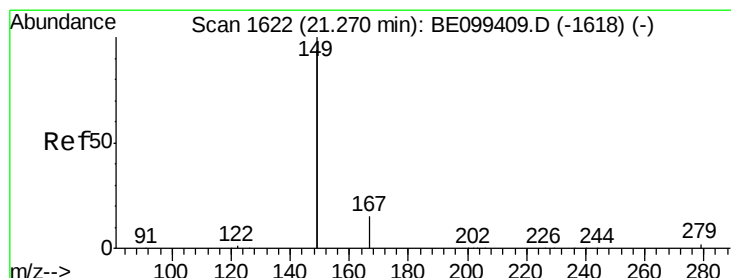
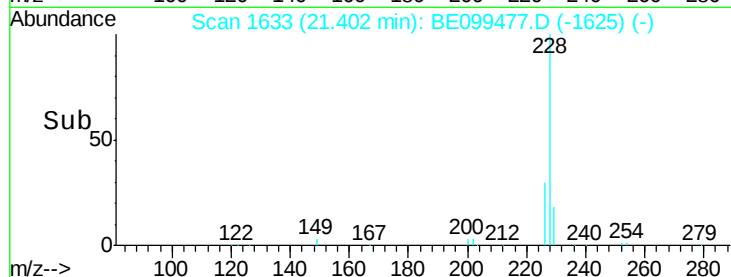
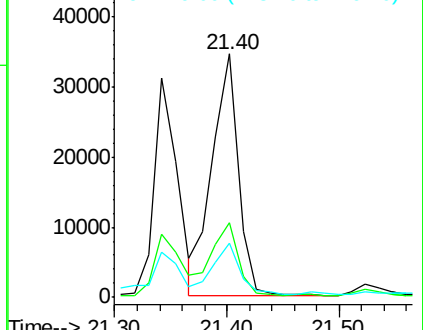
229 22.1 15.8 23.8



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: 0.363 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

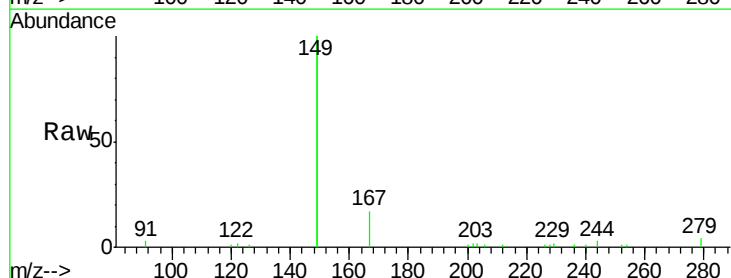
Tgt Ion:149 Resp: 53516

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.6

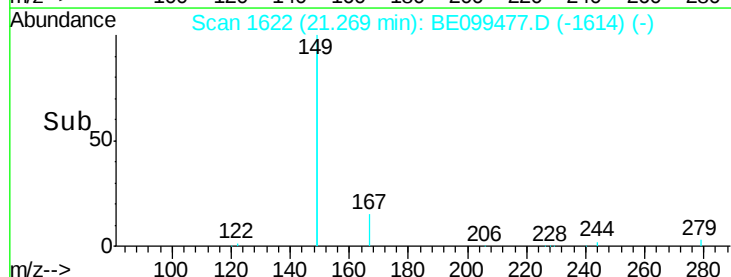
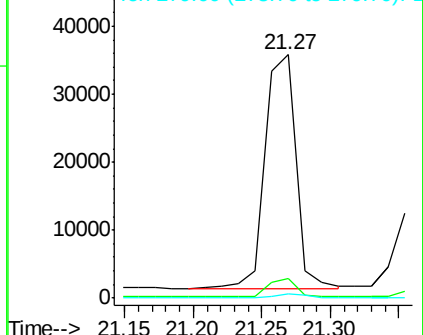
279 1.4 1.0 1.6

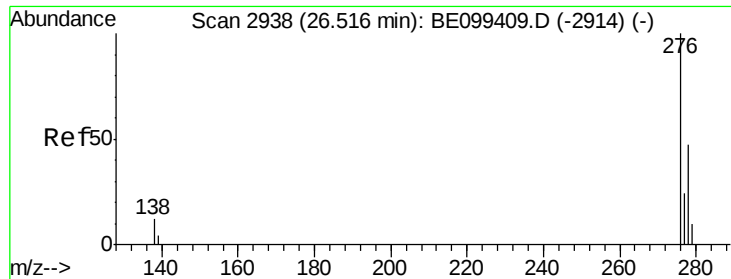


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

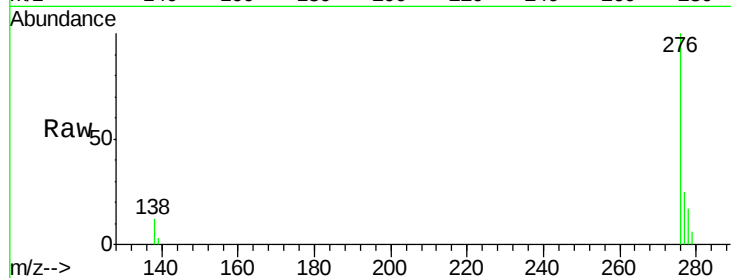




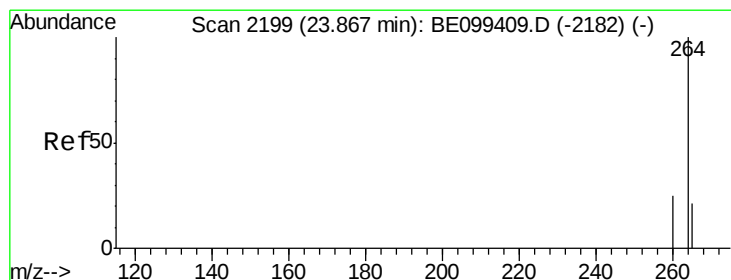
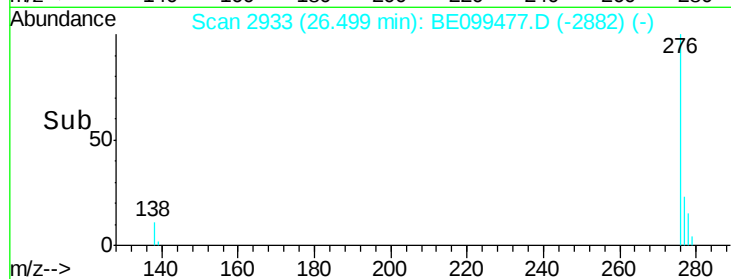
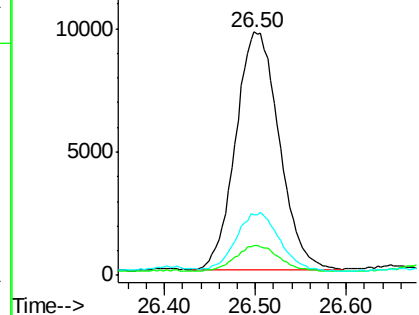
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.318 ng
 RT: 26.50 min Scan# 2933
 Delta R.T. -0.02 min
 Lab File: BE099477.D
 Acq: 1 May 2019 23:46

Instrument :
 BNA_E
 ClientSampleId :
 PST-027-B109-042219

Tot Ion:276 Resp: 32112
 Ion Ratio Lower Upper
 276 100
 138 10.7 10.2 15.2
 277 24.5 19.2 28.8

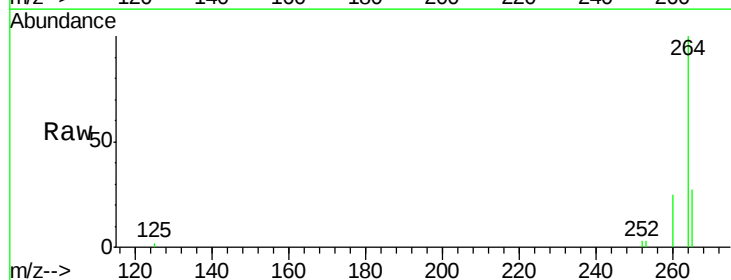


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

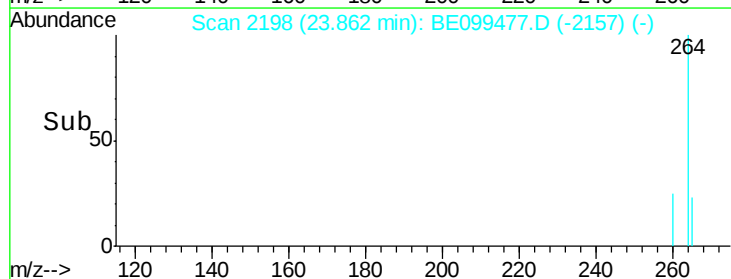
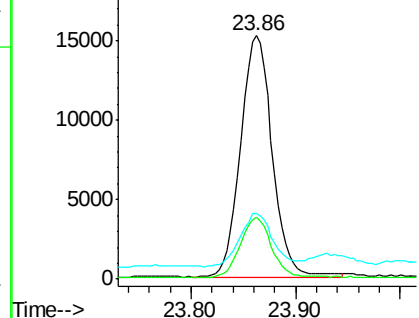


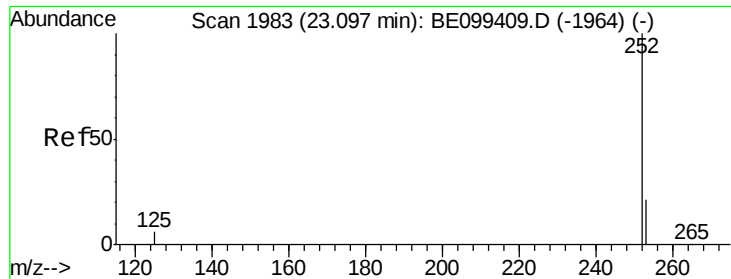
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099477.D
 Acq: 1 May 2019 23:46

Tgt Ion:264 Resp: 31876
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 27.1 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: 0.703 ng

RT: 23.09 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

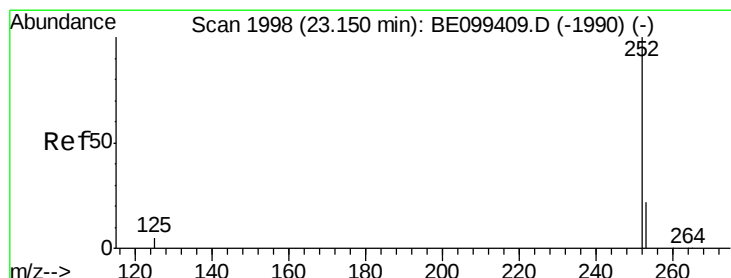
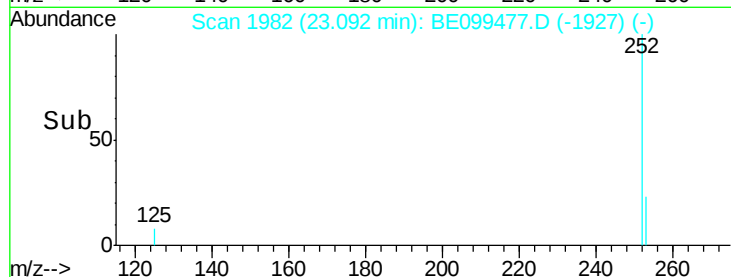
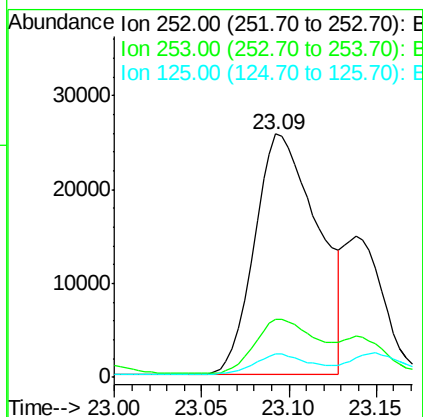
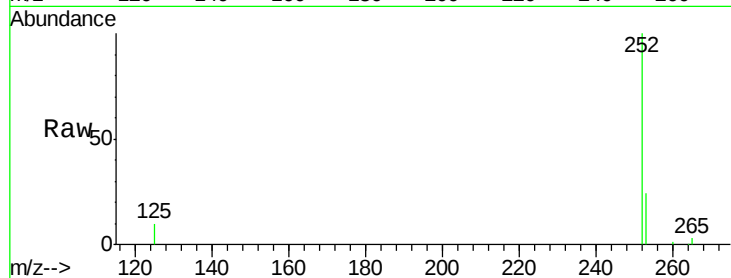
Tot Ion:252 Resp: 64578

Ion Ratio Lower Upper

252 100

253 23.9 18.1 27.1

125 9.6 5.6 8.4#



#36

Benzo(k)fluoranthene

Concen: 0.729 ng

RT: 23.09 min Scan# 1982

Delta R.T. -0.06 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

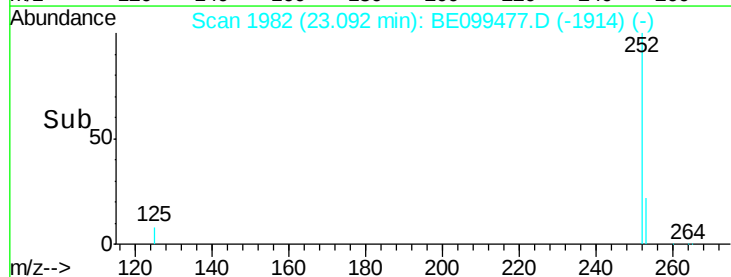
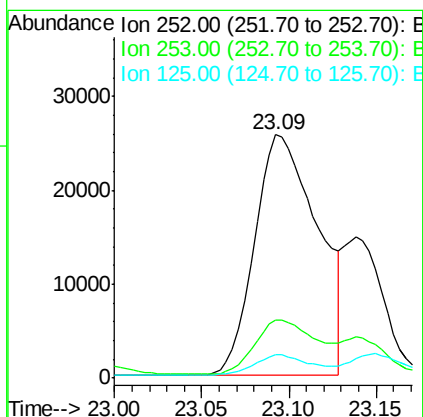
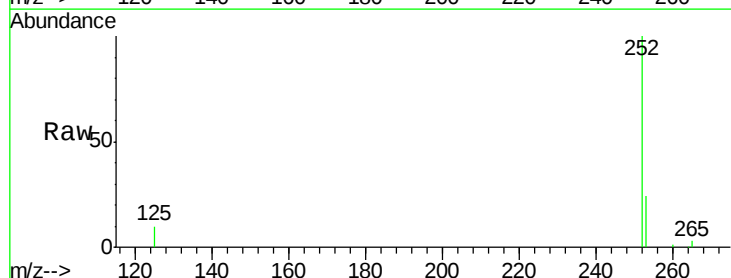
Tgt Ion:252 Resp: 64578

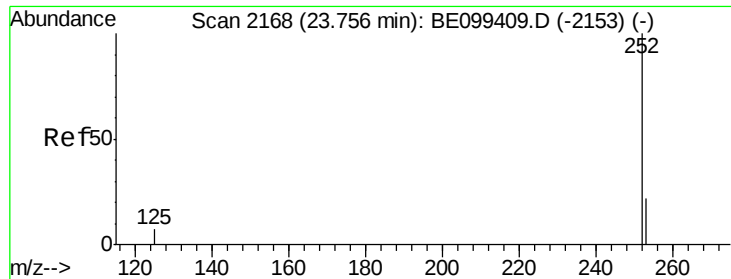
Ion Ratio Lower Upper

252 100

253 23.9 18.4 27.6

125 9.6 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.496 ng

RT: 23.75 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

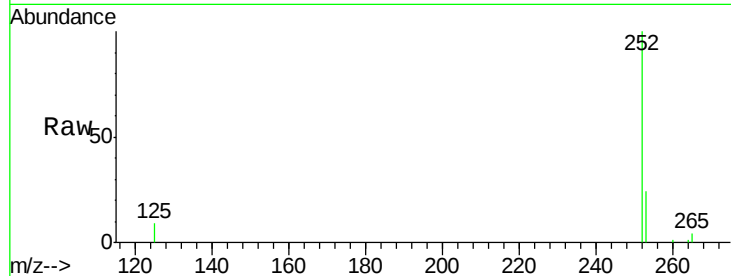
Tot Ion:252 Resp: 43067

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

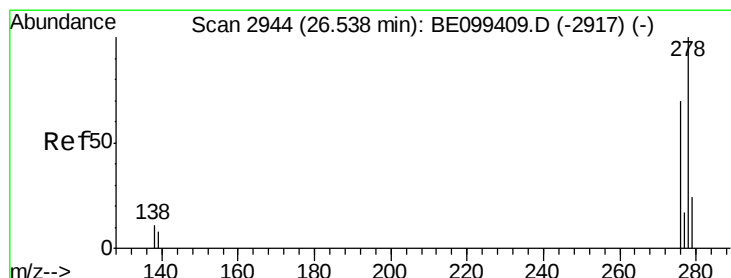
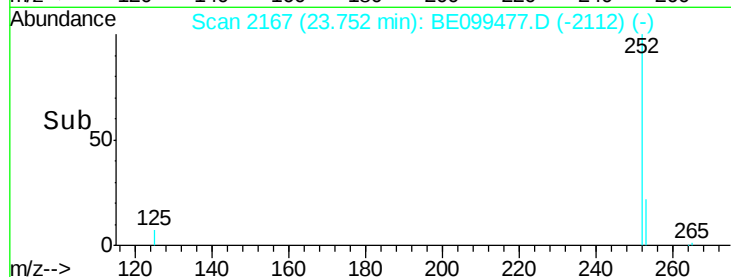
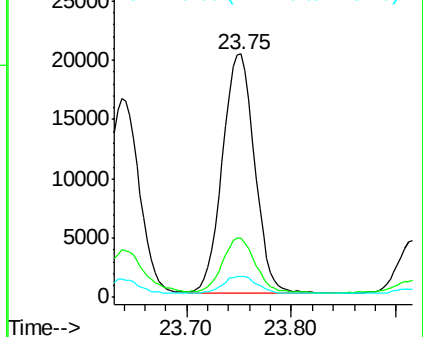
125 8.8 6.7 10.1



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: 0.089 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.02 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

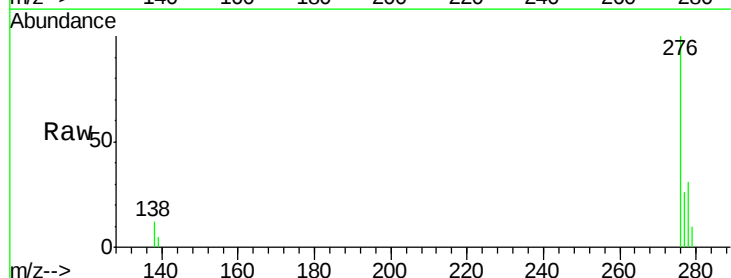
Tgt Ion:278 Resp: 7954

Ion Ratio Lower Upper

278 100

139 15.9 7.7 11.5#

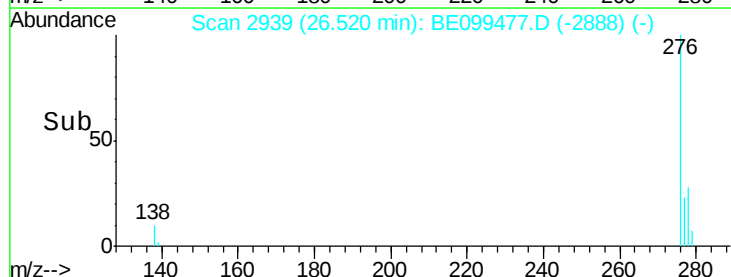
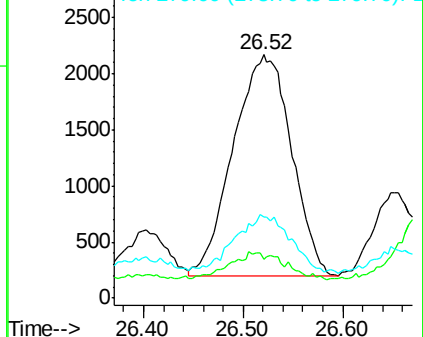
279 33.5 20.2 30.2#

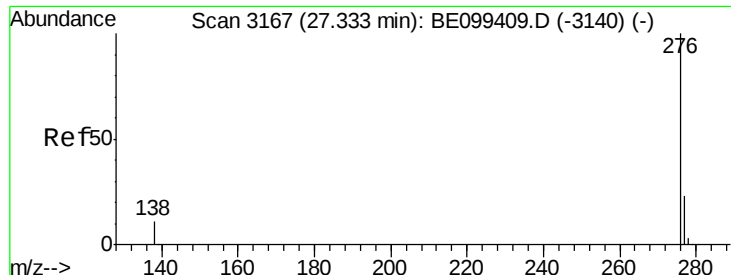


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.363 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE099477.D

Acq: 1 May 2019 23:46

Instrument :

BNA_E

ClientSampleId :

PST-027-B109-042219

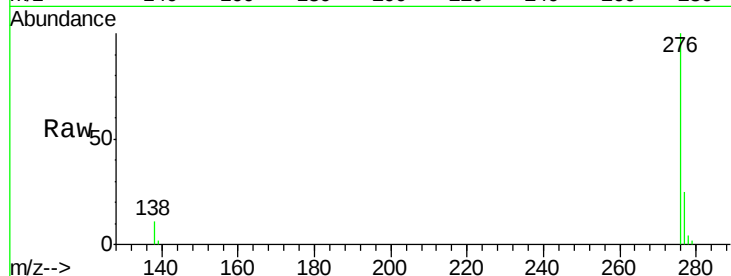
Tot Ion: 276 Resp: 32346

Ion Ratio Lower Upper

276 100

277 25.2 19.5 29.3

138 11.4 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

