

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
 Data File : BE099517.D
 Acq On : 3 May 2019 6:08
 Operator : JU/SJ
 Sample : K2587-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B169-042319

Quant Time: May 03 07:51:16 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	2544	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	9235	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7034	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	22644	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28193	0.40	ng	0.00
34) Perylene-d12	23.87	264	31893	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2985	0.42	ng	0.00
5) Phenol-d6	6.97	99	4056	0.43	ng	0.00
8) Nitrobenzene-d5	8.96	82	3283	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	5989	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2040	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	8791	0.33	ng	0.00
25) Fluoranthene-d10	19.22	212	94477	0.31	ng	0.00
29) Terphenyl-d14	19.82	244	19821	0.38	ng	0.00

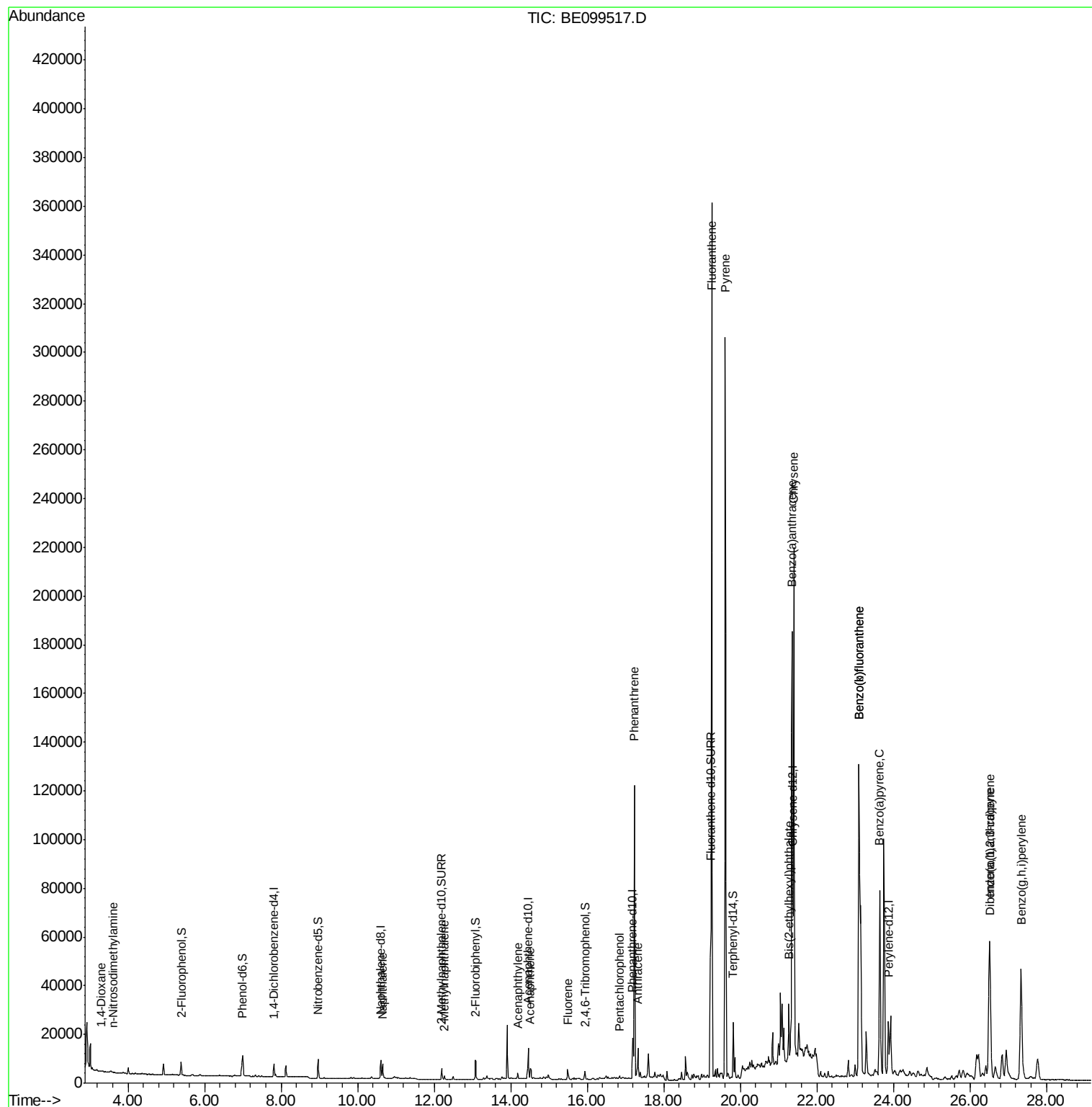
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	79	0.023	ng	# 27
3) n-Nitrosodimethylamine	3.61	42	50	0.024	ng	# 1
9) Naphthalene	10.65	128	9276	0.092	ng	# 97
12) 2-Methylnaphthalene	12.27	142	937	0.054	ng	94
16) Acenaphthylene	14.18	152	3195	0.093	ng	# 97
17) Acenaphthene	14.51	154	2366	0.120	ng	98
18) Fluorene	15.49	166	3274	0.113	ng	# 98
22) Pentachlorophenol	16.84	266	45	0.222	ng	# 63
23) Phenanthrene	17.23	178	123430	2.112	ng	99
24) Anthracene	17.32	178	11955	0.215	ng	# 83
26) Fluoranthene	19.25	202	327515	3.742	ng	99
28) Pyrene	19.61	202	290018	3.946	ng	# 95
30) Benzo(a)anthracene	21.35	228	161375	1.797	ng	98
31) Chrysene	21.40	228	178070	2.026	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	25060	0.126	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	117076	1.127	ng	97
35) Benzo(b)fluoranthene	23.10	252	244176	2.655	ng	98
36) Benzo(k)fluoranthene	23.10	252	244176	2.754	ng	99
37) Benzo(a)pyrene	23.65	252	119245	1.372	ng	98
38) Dibenzo(a,h)anthracene	26.53	278	29943	0.337	ng	# 94
39) Benzo(g,h,i)perylene	27.34	276	114333	1.283	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: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

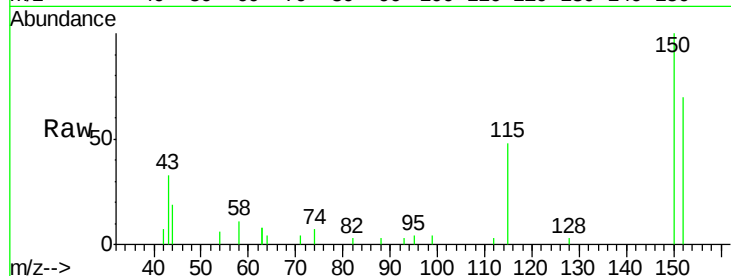
Tot Ion:152 Resp: 2544

Ion Ratio Lower Upper

152 100

150 142.7 104.8 157.2

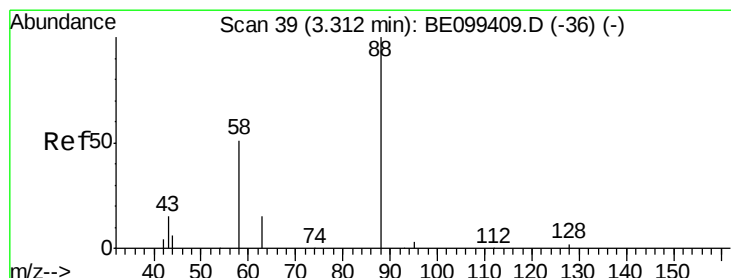
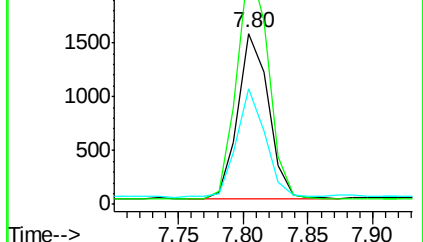
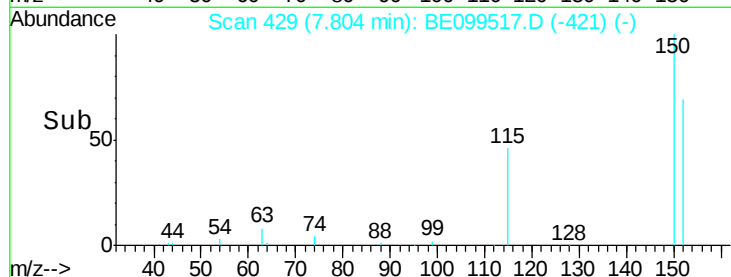
115 68.0 46.6 69.8



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: 0.023 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

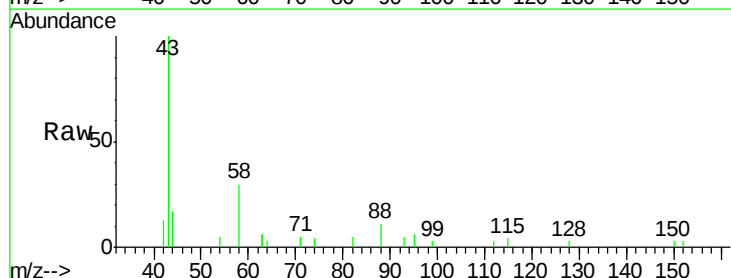
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

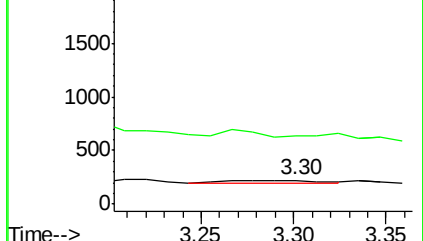
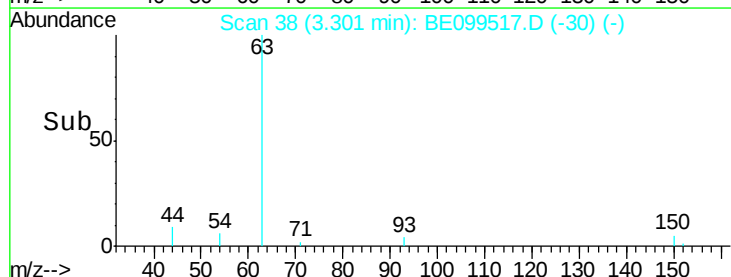
43 0.0 20.6 30.8#



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: 0.024 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.03 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

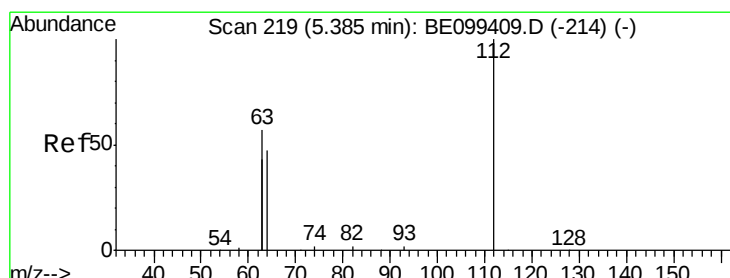
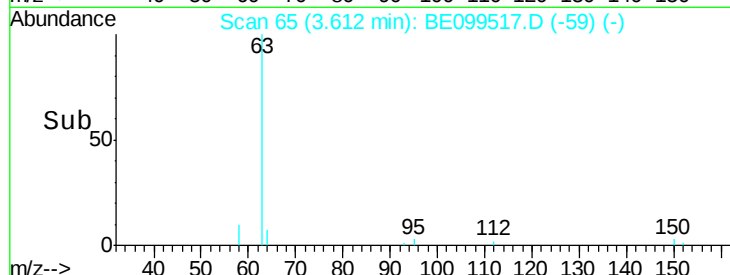
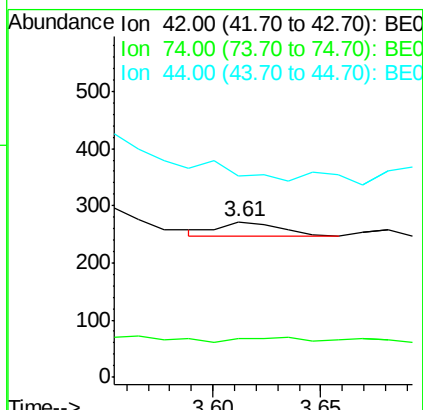
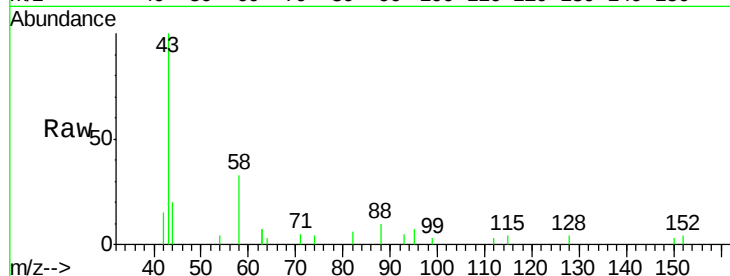
Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

Tot Ion:	42	Resp:	50
Ion	Ratio	Lower	Upper
42	100		
74	0.0	141.6	212.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.424 ng

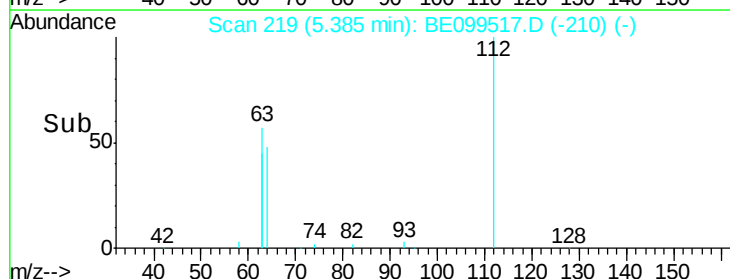
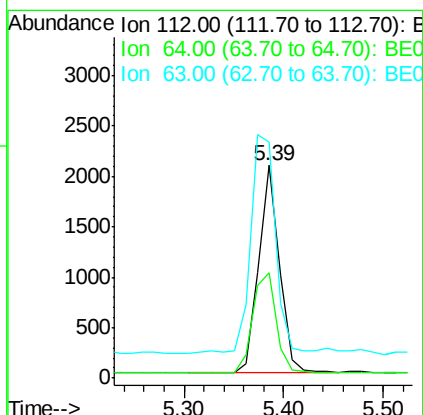
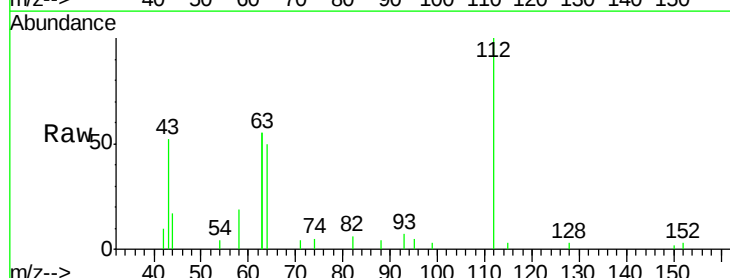
RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Tgt Ion:	112	Resp:	2985
Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.4	71.0
63	126.0	104.3	156.5





#5

Phenol-d6

Concen: 0.434 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

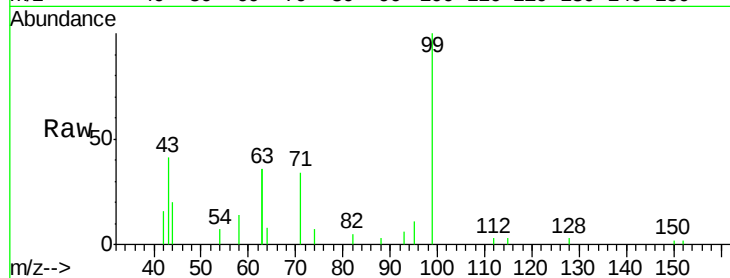
Tot Ion: 99 Resp: 4056

Ion Ratio Lower Upper

99 100

42 21.6 14.9 22.3

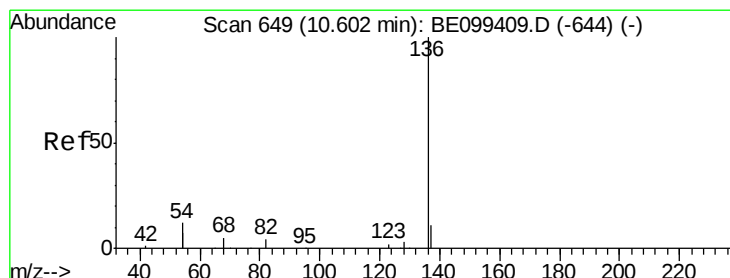
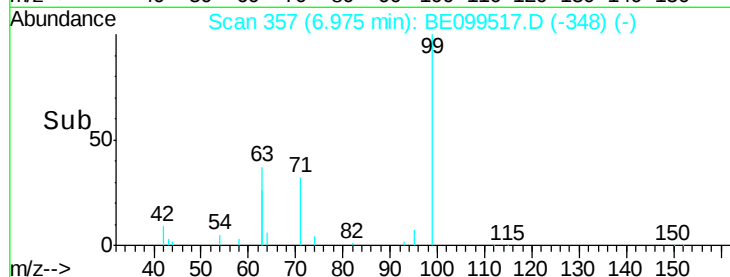
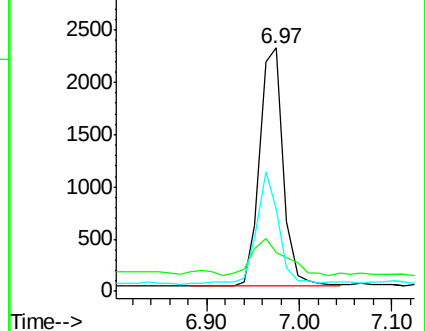
71 42.5 33.0 49.6



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: BE099517.D

Acq: 3 May 2019 6:08

Tgt Ion: 136 Resp: 9235

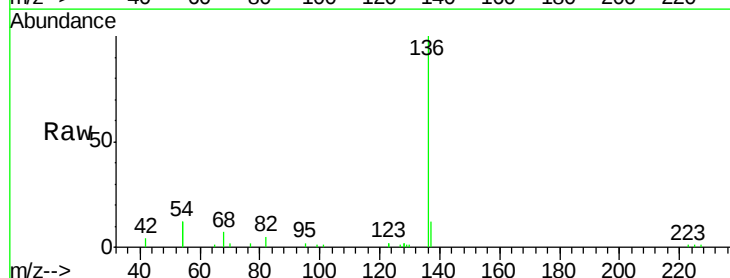
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 23.9 18.5 27.7

68 6.7 4.7 7.1

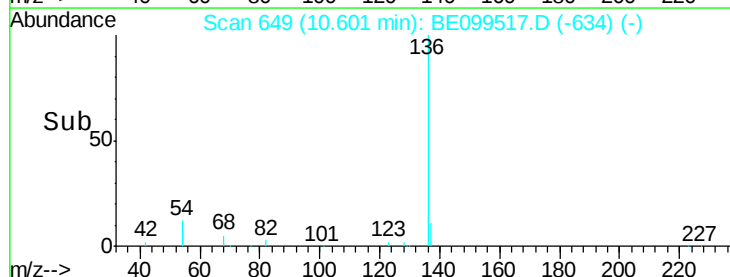
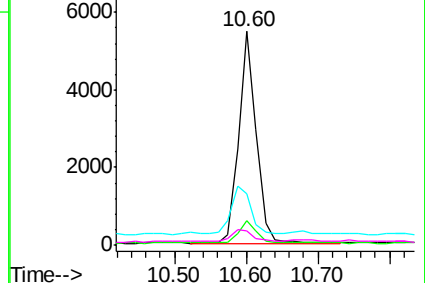


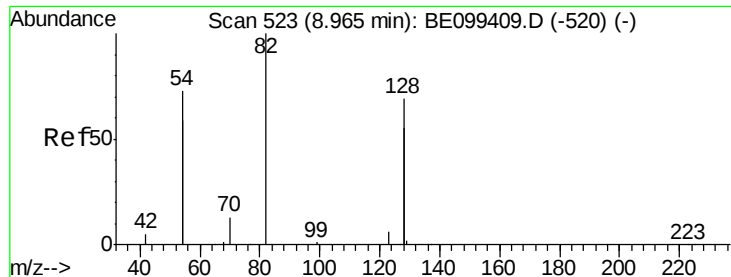
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

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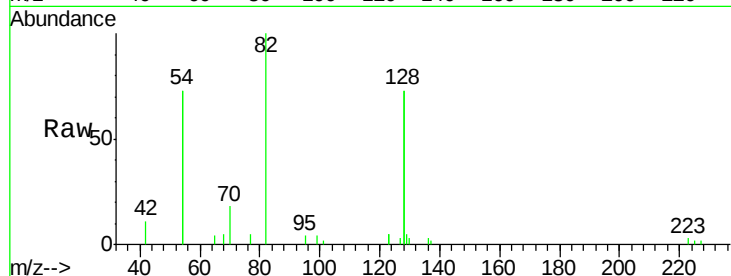
Tot Ion: 82 Resp: 3283

Ion Ratio Lower Upper

82 100

128 146.4 107.0 160.4

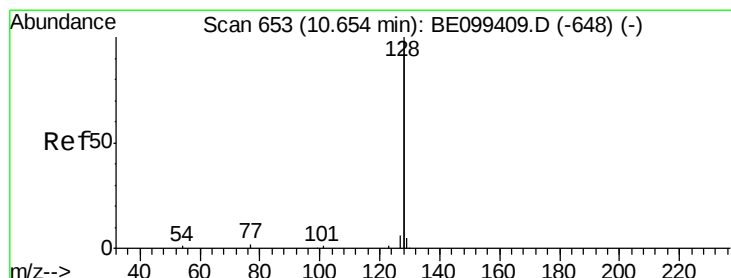
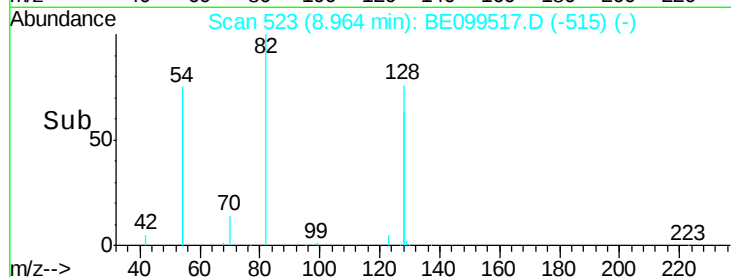
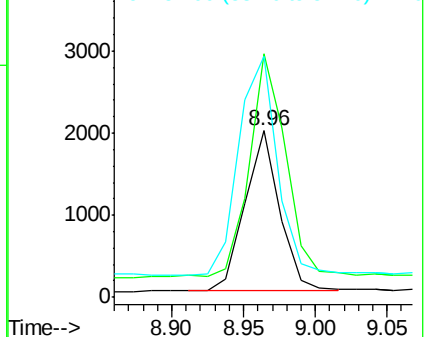
54 145.0 113.1 169.7



Abundance Ion 82.00 (81.70 to 82.70): BE099517.D (-515) (-)

Ion 128.00 (127.70 to 128.70): BE099517.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BE099517.D (-515) (-)



#9

Naphthalene

Concen: 0.092 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

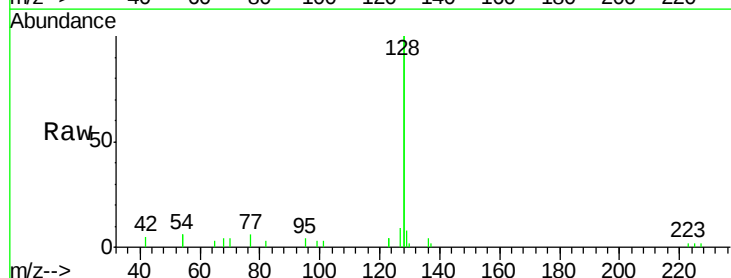
Tgt Ion: 128 Resp: 9276

Ion Ratio Lower Upper

128 100

129 3.9 2.4 3.6#

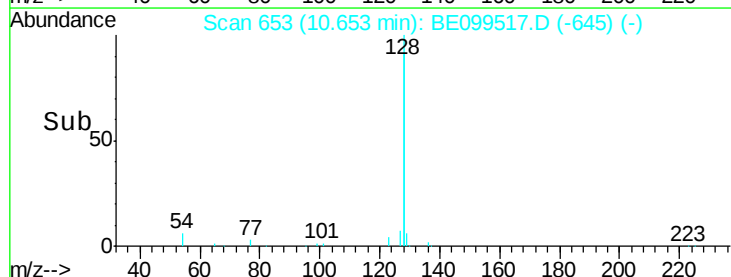
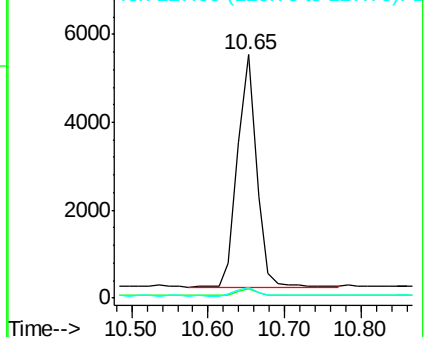
127 4.4 2.8 4.2#

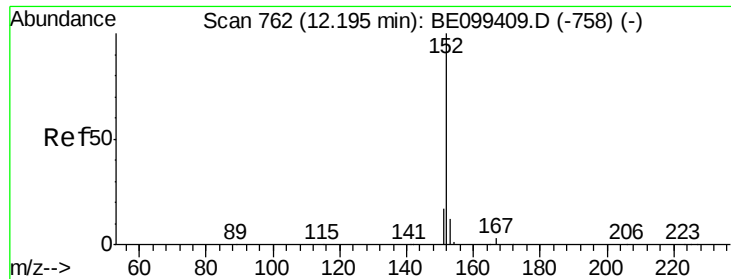


Abundance Ion 128.00 (127.70 to 128.70): BE099517.D (-645) (-)

Ion 129.00 (128.70 to 129.70): BE099517.D (-645) (-)

Ion 127.00 (126.70 to 127.70): BE099517.D (-645) (-)

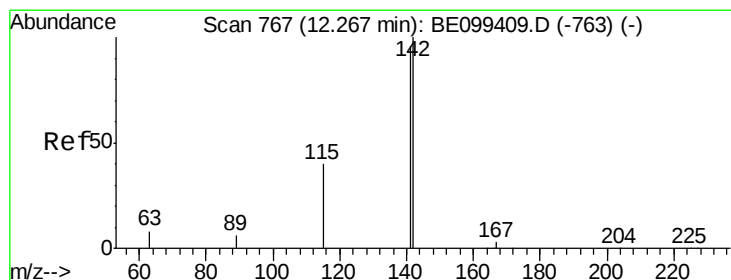
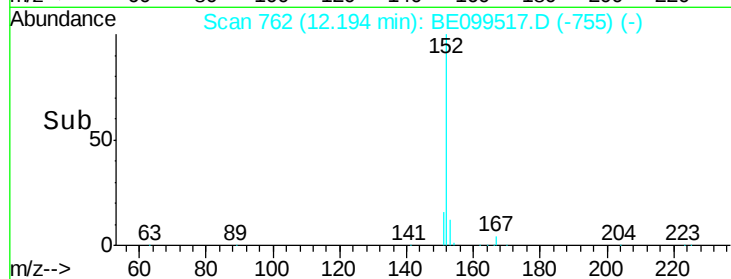
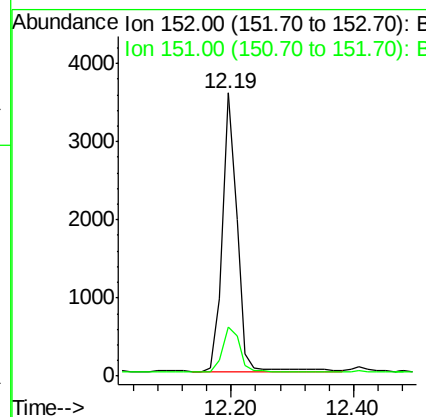
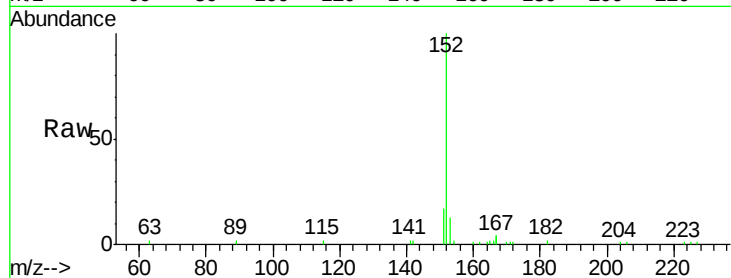




#11
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099517.D
 Acq: 3 May 2019 6:08

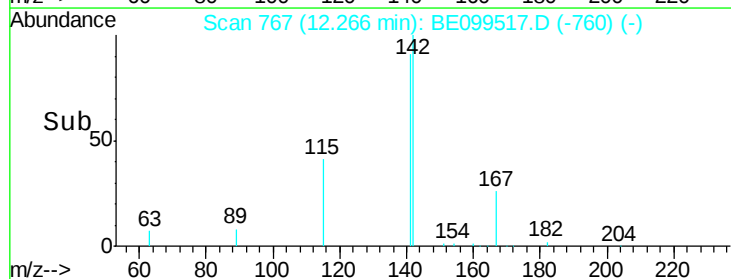
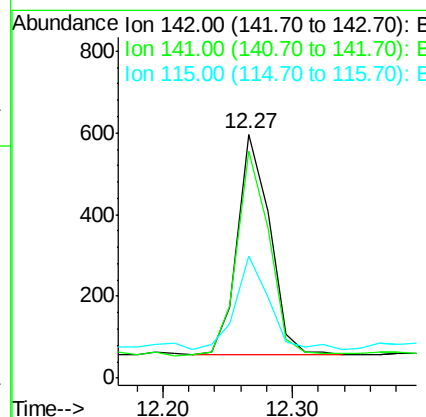
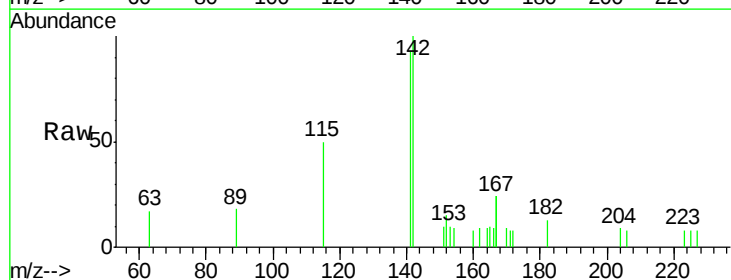
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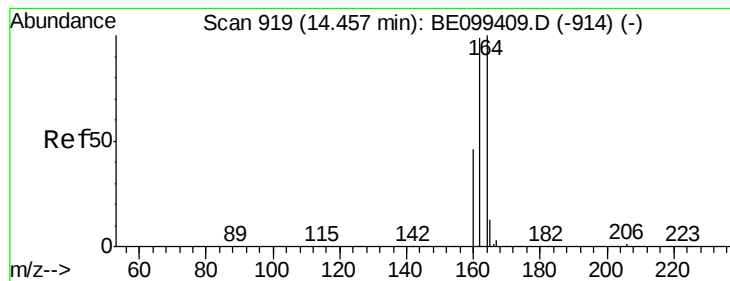
Tot Ion:152 Resp: 5989
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.054 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099517.D
 Acq: 3 May 2019 6:08

Tgt Ion:142 Resp: 937
 Ion Ratio Lower Upper
 142 100
 141 93.3 77.0 115.4
 115 49.8 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: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

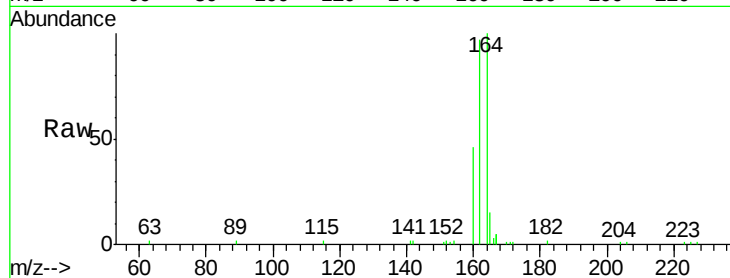
Tot Ion:164 Resp: 7034

Ion Ratio Lower Upper

164 100

162 97.4 79.0 118.4

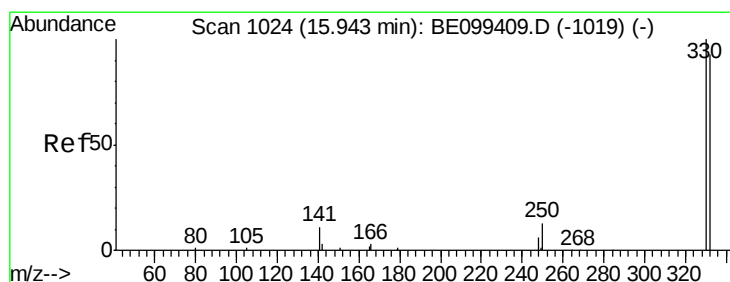
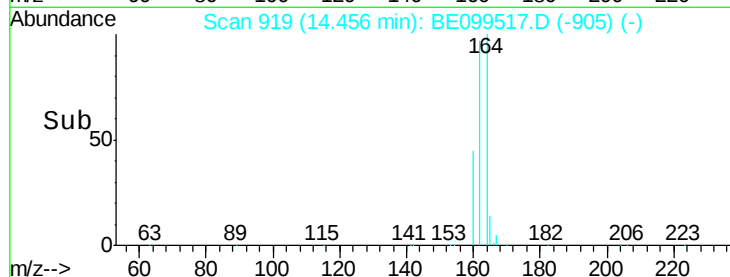
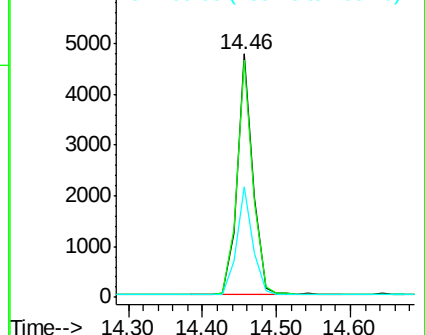
160 45.6 37.0 55.4



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: 0.460 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

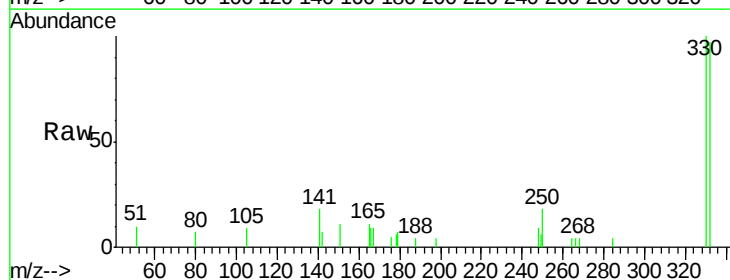
Tgt Ion:330 Resp: 2040

Ion Ratio Lower Upper

330 100

332 96.0 71.5 107.3

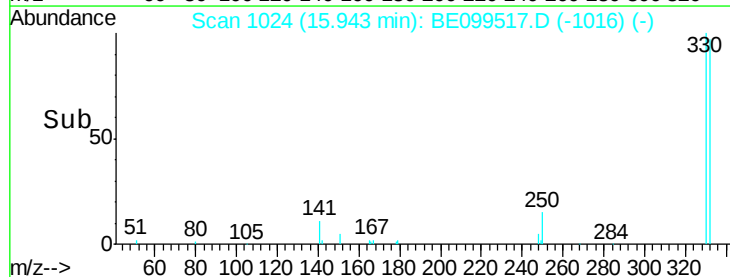
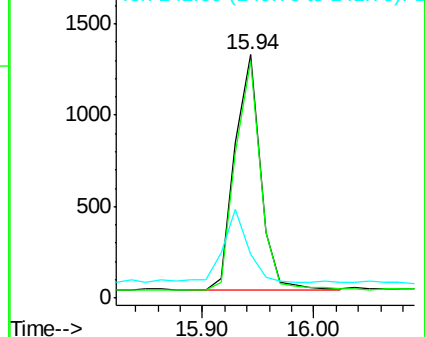
141 30.9 24.0 36.0

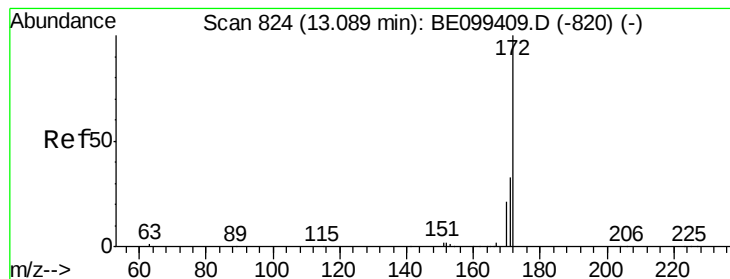


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.328 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

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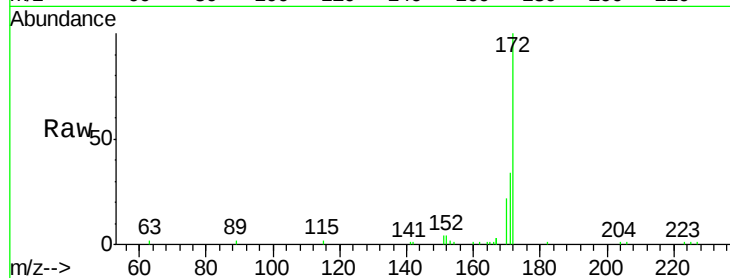
Tot Ion:172 Resp: 8791

Ion Ratio Lower Upper

172 100

171 33.7 26.6 39.8

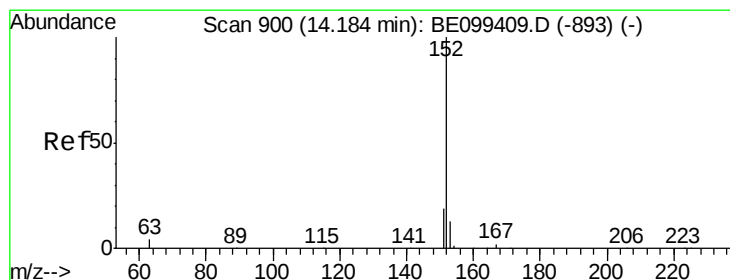
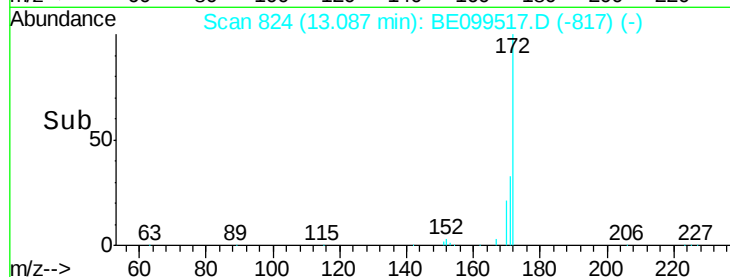
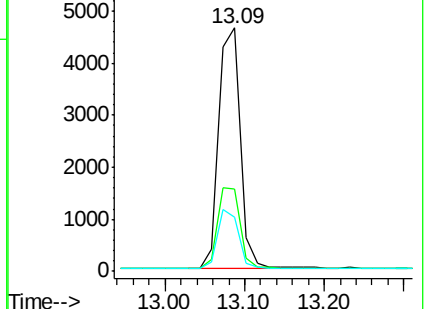
170 22.3 17.0 25.6



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: 0.093 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

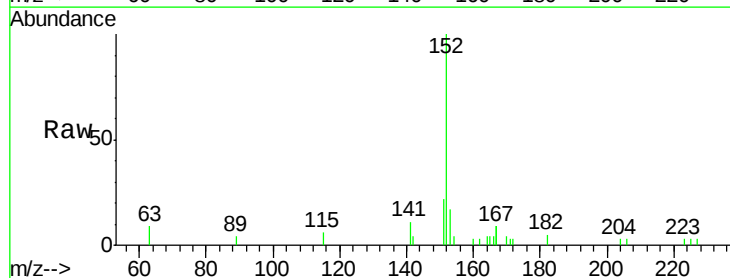
Tgt Ion:152 Resp: 3195

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.2

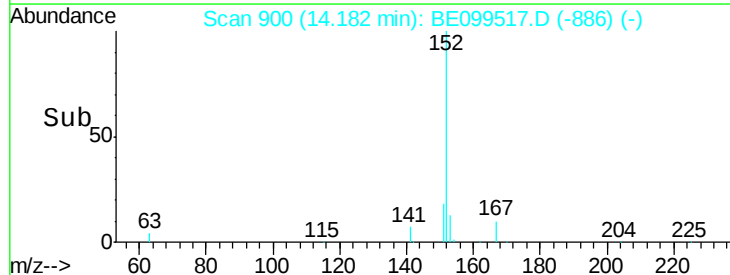
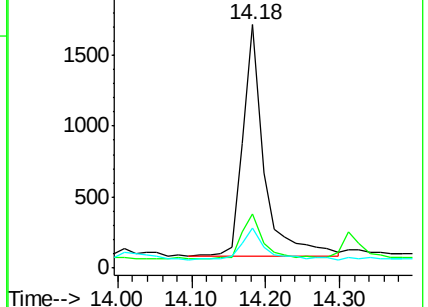
153 15.3 9.8 14.6#

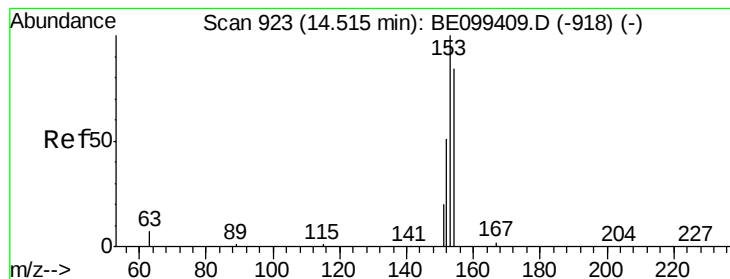


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.120 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

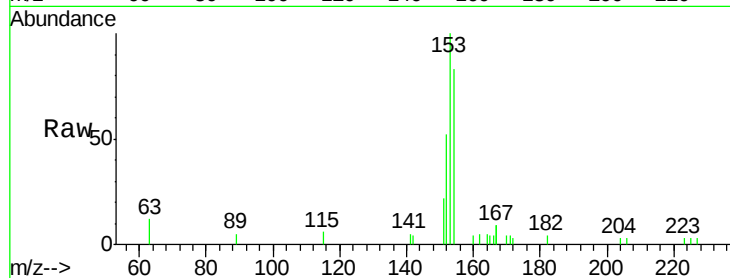
Tot Ion:154 Resp: 2366

Ion Ratio Lower Upper

154 100

153 118.5 92.6 138.8

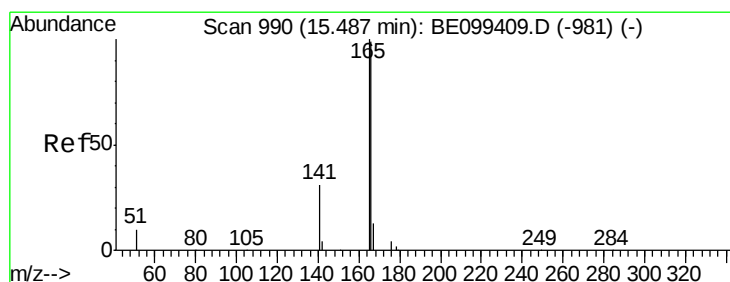
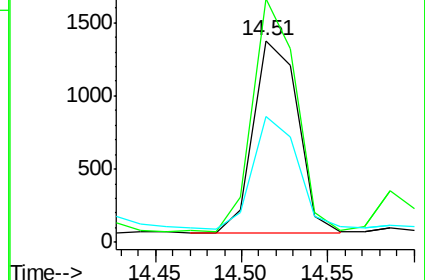
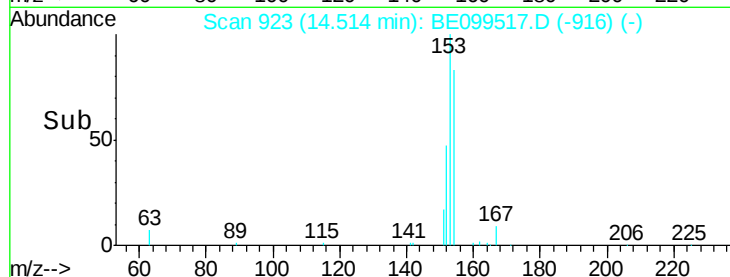
152 56.3 45.8 68.8



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: 0.113 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

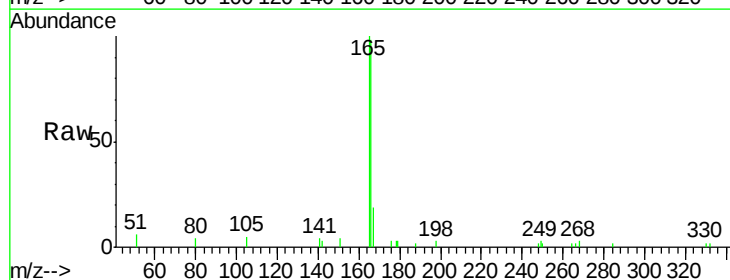
Tgt Ion:166 Resp: 3274

Ion Ratio Lower Upper

166 100

165 101.2 80.3 120.5

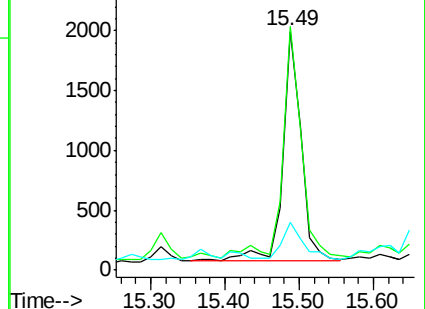
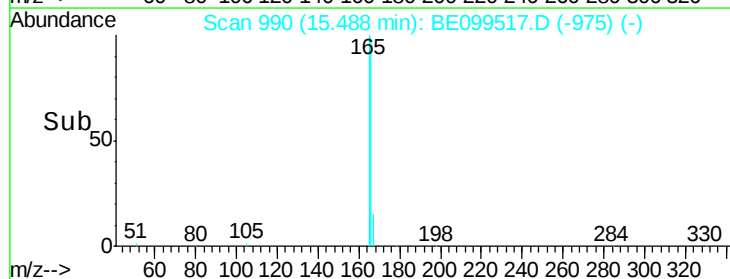
167 18.1 10.7 16.1#

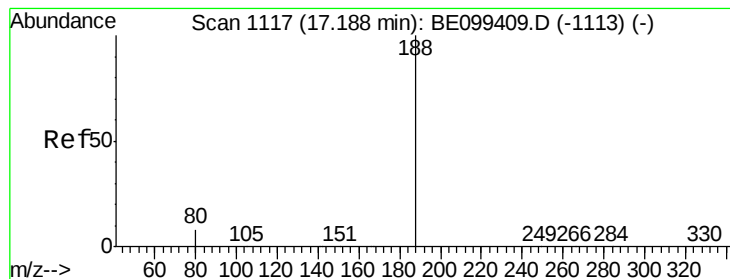


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

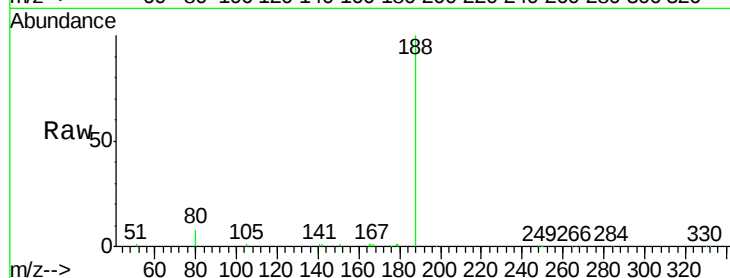
Tot Ion:188 Resp: 22644

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

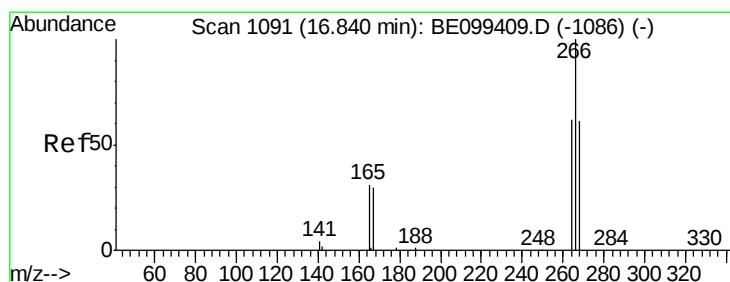
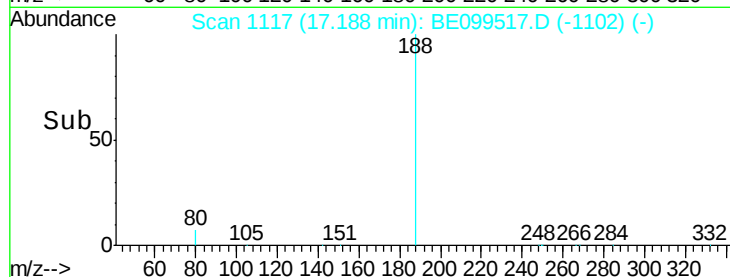
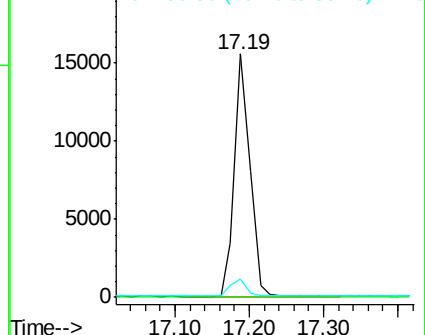
80 7.6 6.7 10.1



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: BE099517.D

Acq: 3 May 2019 6:08

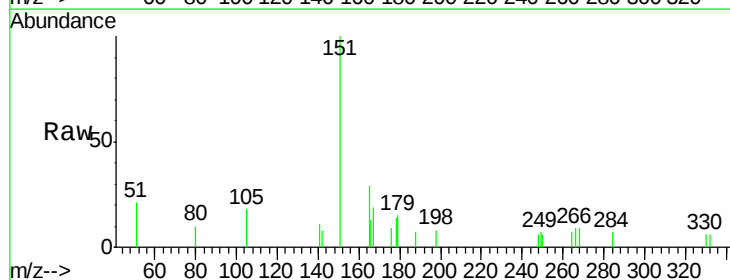
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 84.0 50.8 76.2#

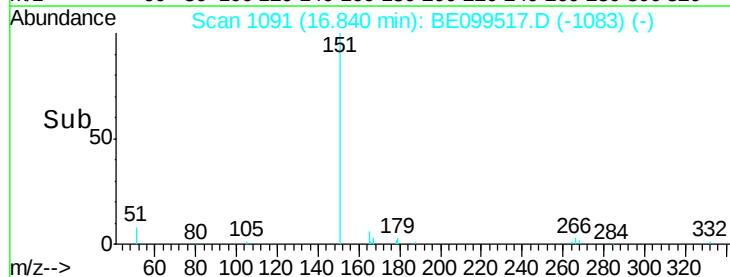
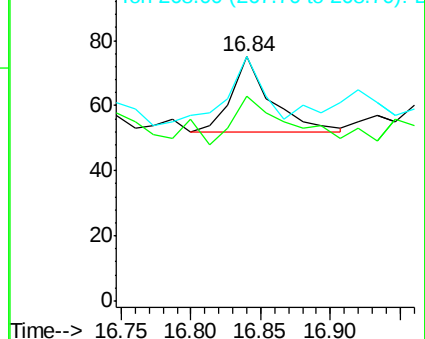
268 100.0 50.5 75.7#

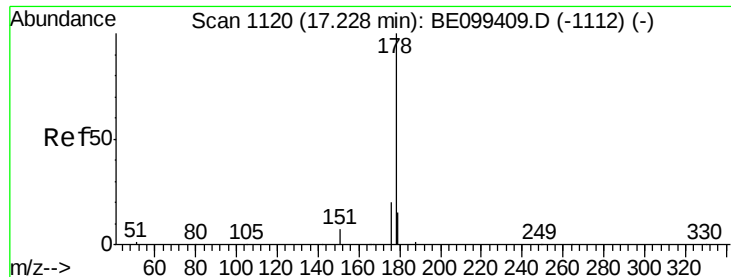


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.112 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

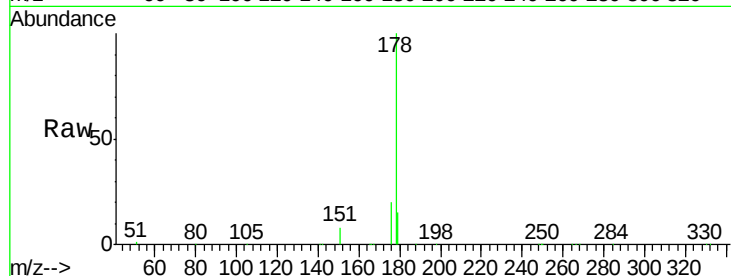
BNA_E

ClientSampleId :

PST-004-B169-042319

Tot Ion:178 Resp: 123430

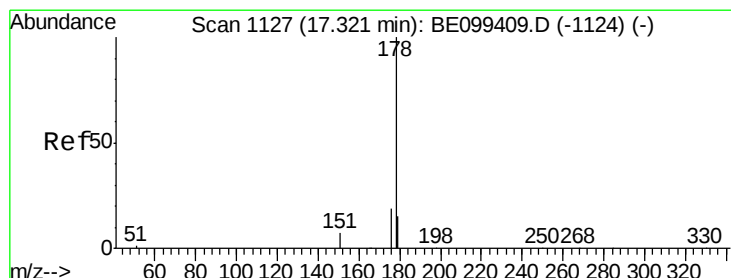
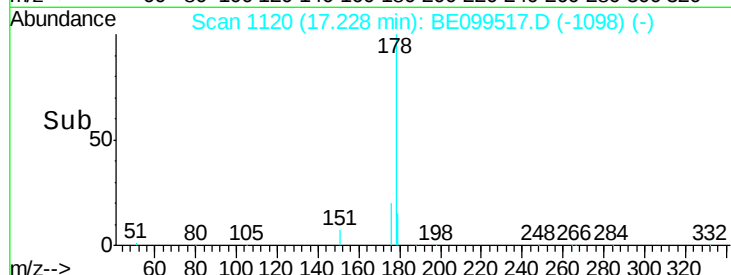
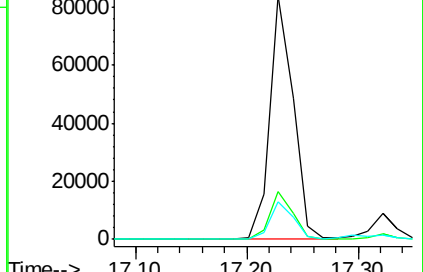
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.5	12.0	18.0



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: 0.215 ng

RT: 17.32 min Scan# 1127

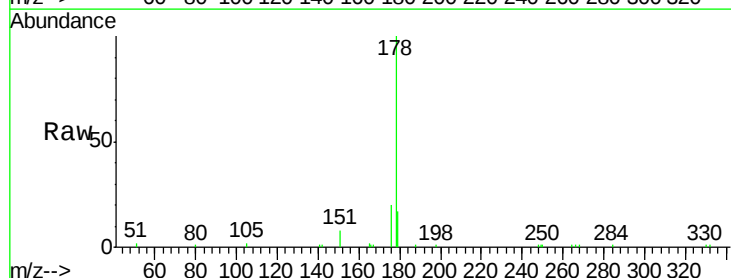
Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Tgt Ion:178 Resp: 11955

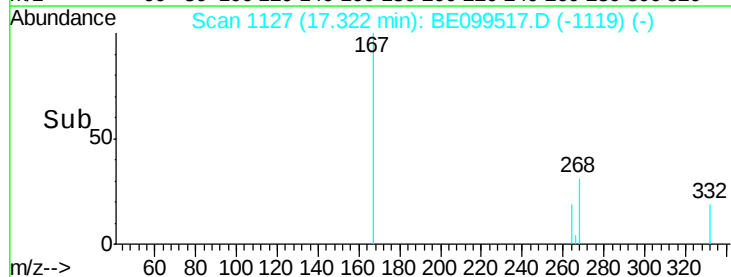
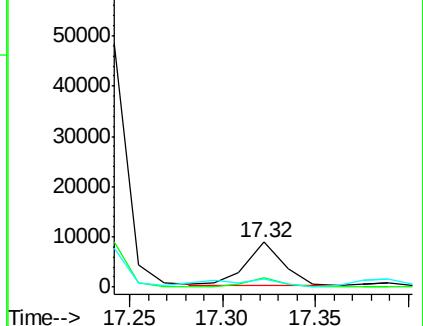
Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.9	22.3
179	29.3	11.9	17.9#

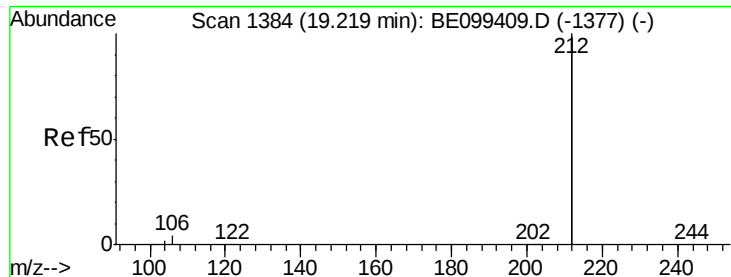


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.310 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

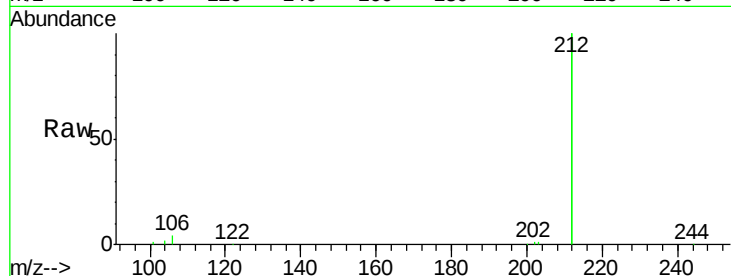
Tot Ion:212 Resp: 94477

Ion Ratio Lower Upper

212 100

106 1.8 1.5 2.3

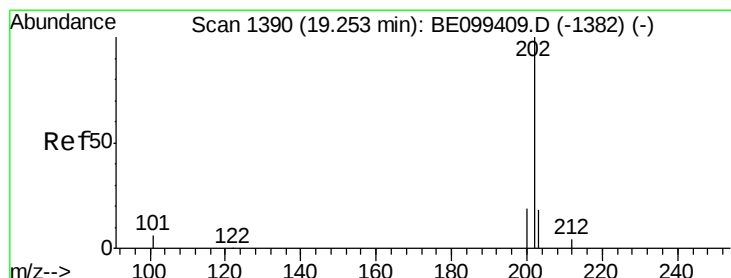
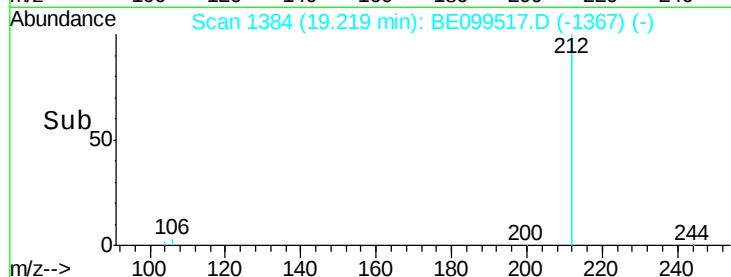
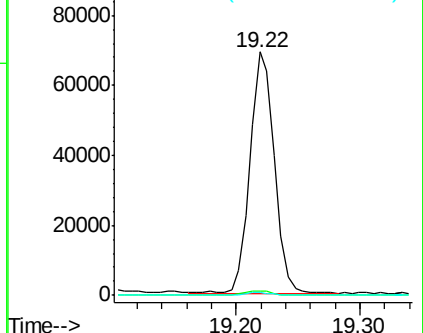
104 1.1 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.742 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

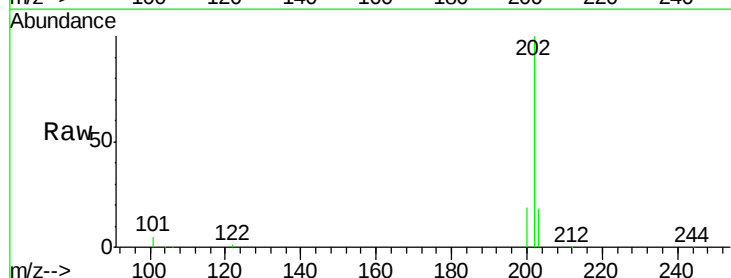
Tgt Ion:202 Resp: 327515

Ion Ratio Lower Upper

202 100

101 6.4 5.4 8.0

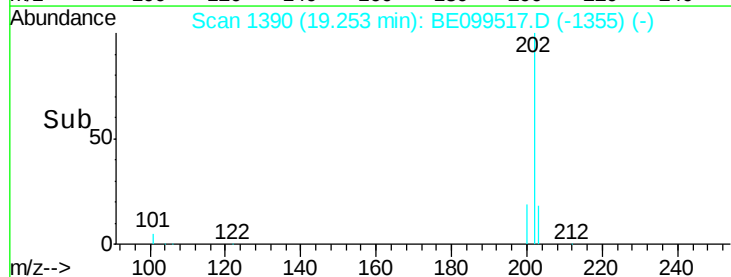
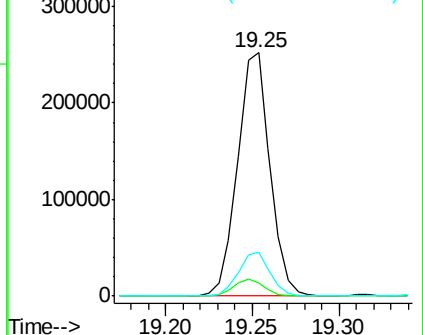
203 17.6 13.9 20.9

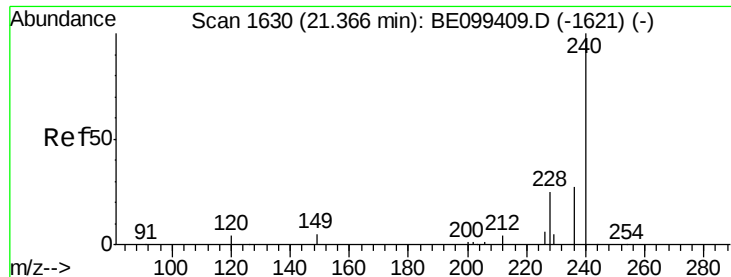


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

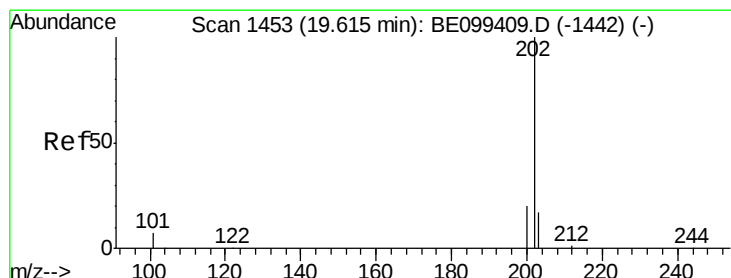
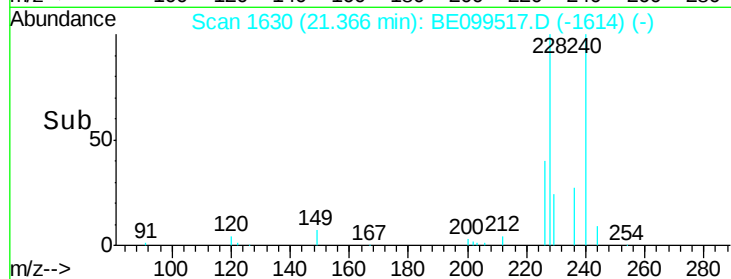
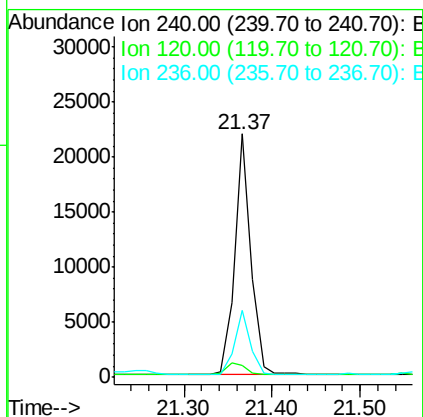
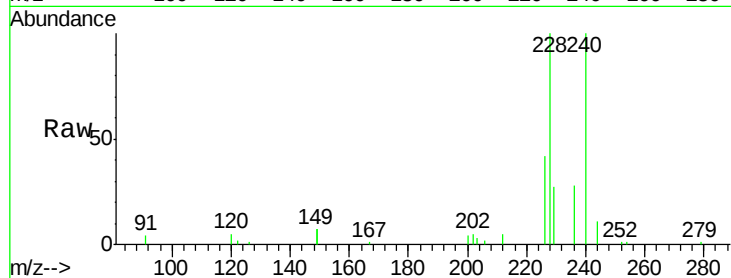




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099517.D
 Acq: 3 May 2019 6:08

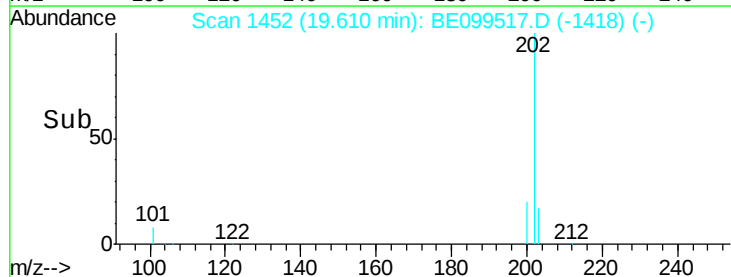
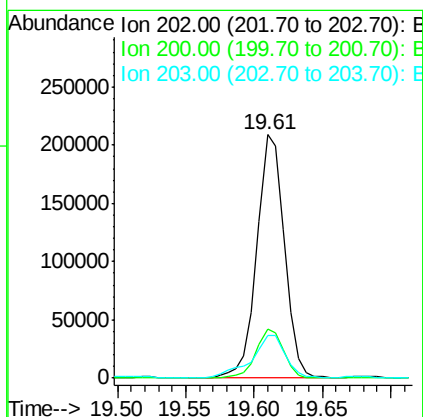
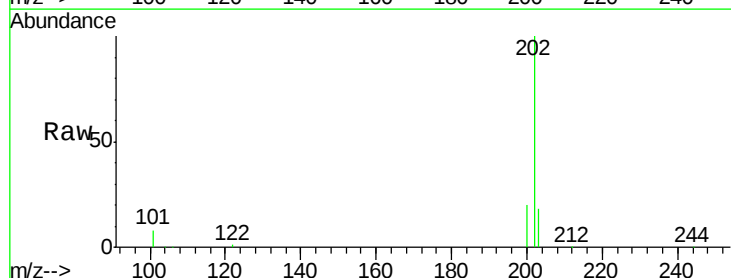
Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B169-042319

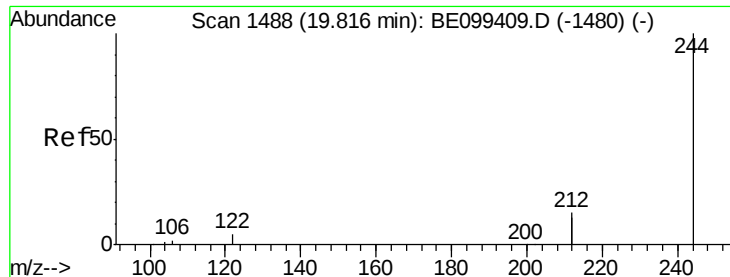
Tot Ion:240 Resp: 28193
 Ion Ratio Lower Upper
 240 100
 120 4.7 4.0 6.0
 236 27.7 22.0 33.0



#28
 Pyrene
 Concen: 3.946 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099517.D
 Acq: 3 May 2019 6:08

Tgt Ion:202 Resp: 290018
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.7 23.5
 203 21.5 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

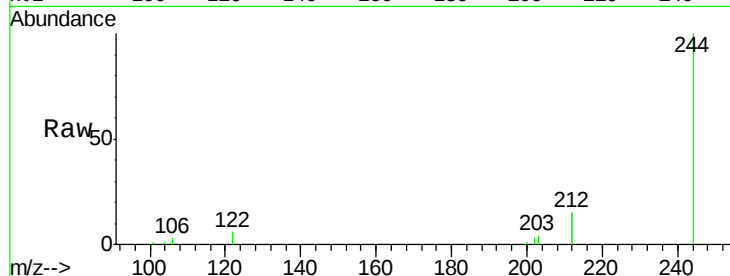
Tot Ion:244 Resp: 19821

Ion Ratio Lower Upper

244 100

212 30.3 23.2 34.8

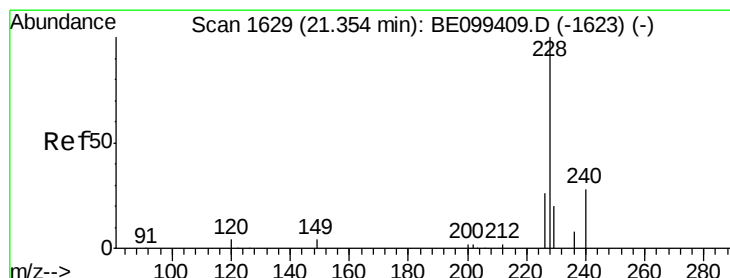
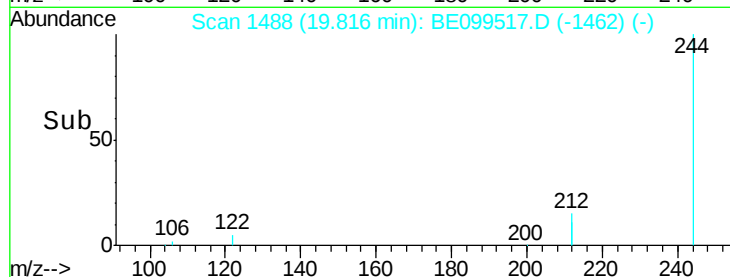
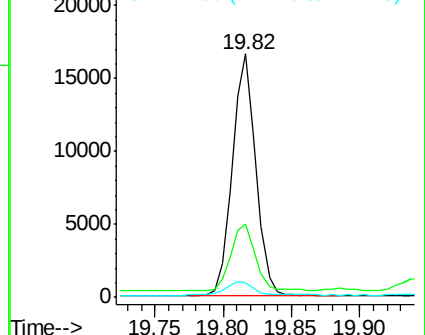
122 5.8 4.2 6.4



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: 1.797 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

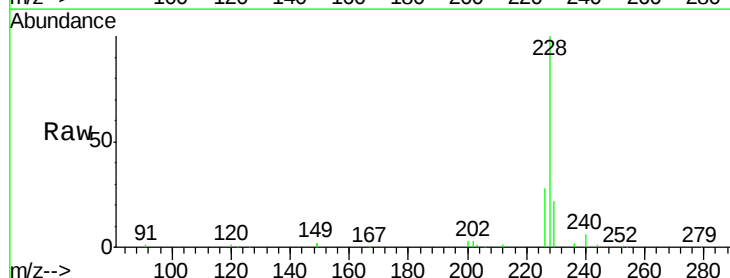
Tgt Ion:228 Resp: 161375

Ion Ratio Lower Upper

228 100

226 27.8 21.0 31.6

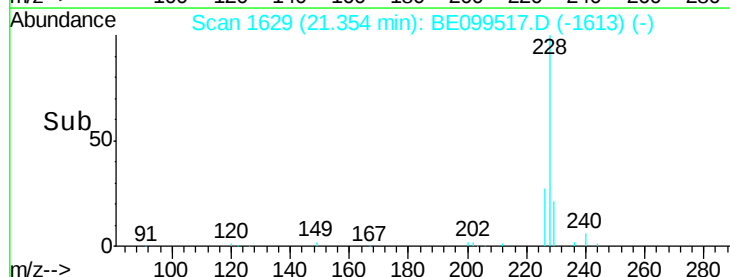
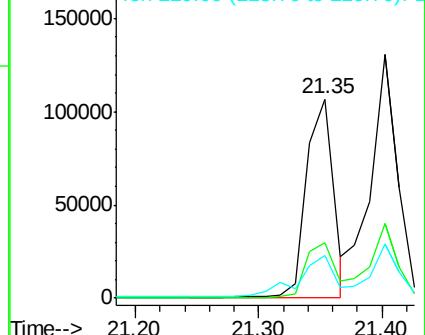
229 21.7 16.6 25.0

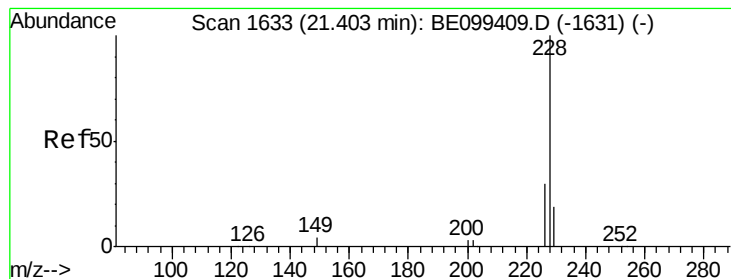


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.026 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

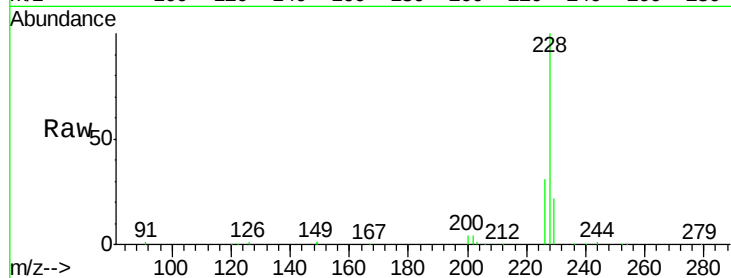
Tot Ion:228 Resp: 178070

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

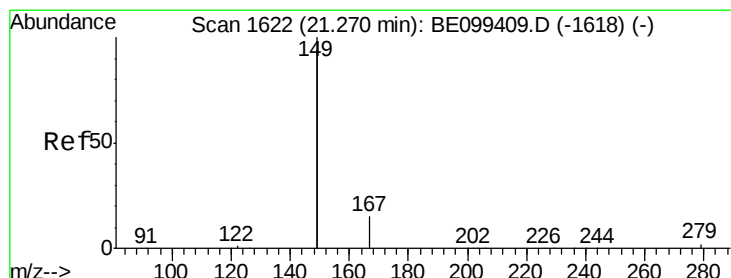
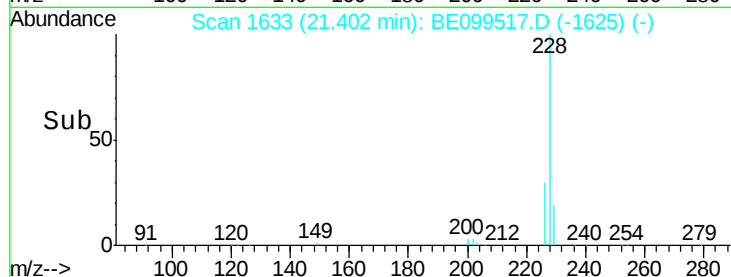
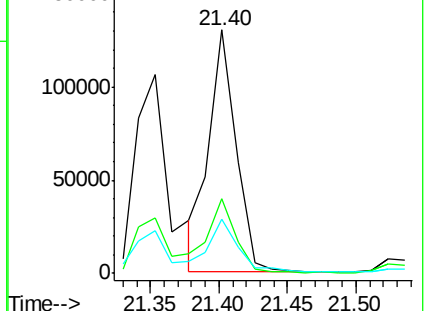
229 22.0 15.8 23.8



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: 0.126 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

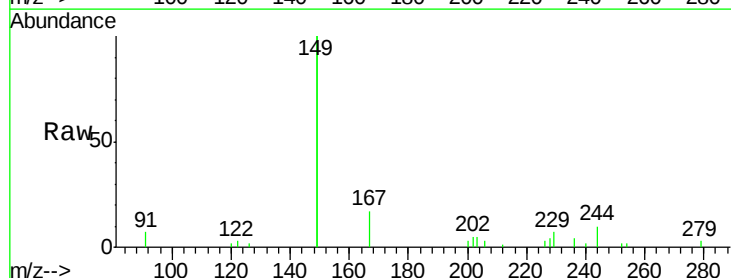
Tgt Ion:149 Resp: 25060

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

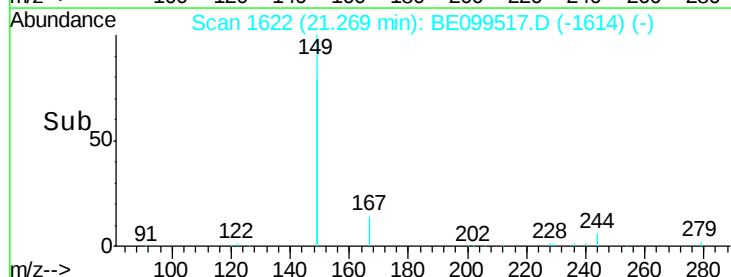
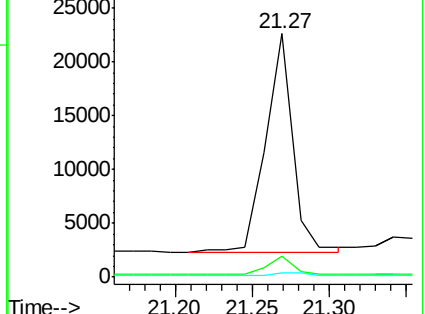
279 1.5 1.0 1.6

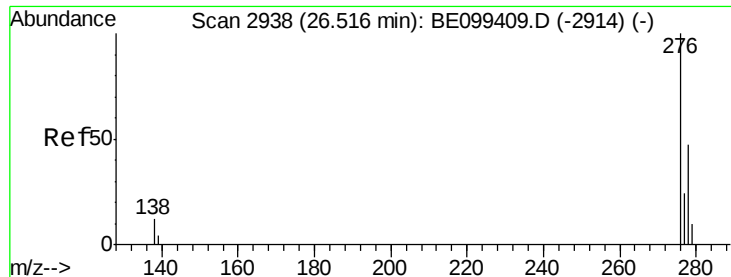


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.127 ng

RT: 26.52 min Scan# 2938

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

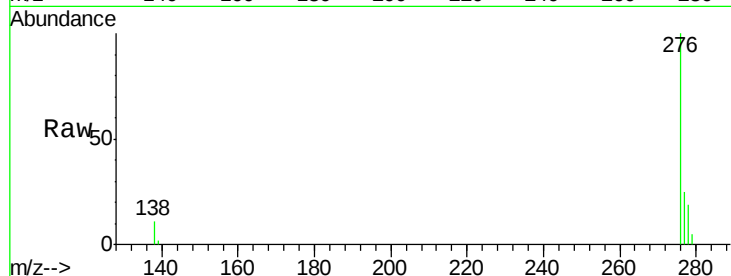
Tot Ion:276 Resp: 117076

Ion Ratio Lower Upper

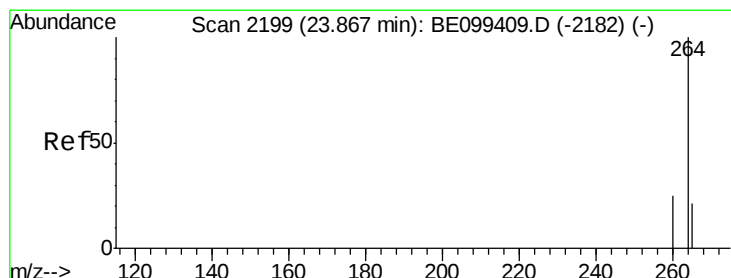
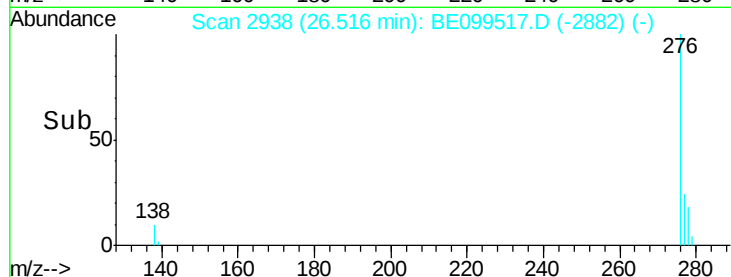
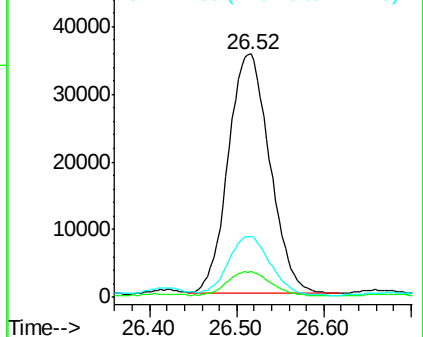
276 100

138 10.3 10.2 15.2

277 24.9 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# 2201

Delta R.T. 0.01 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

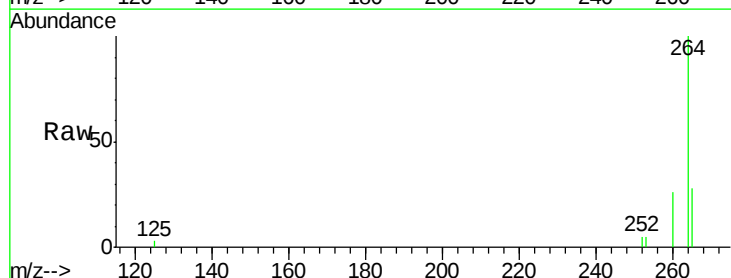
Tgt Ion:264 Resp: 31893

Ion Ratio Lower Upper

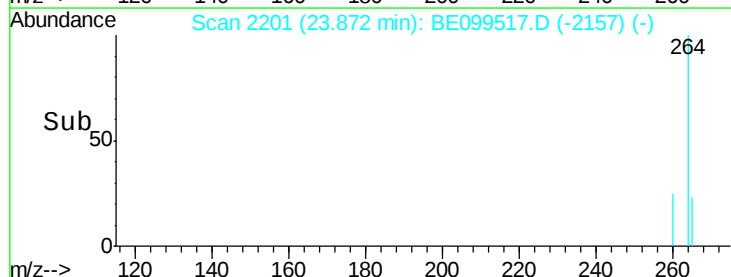
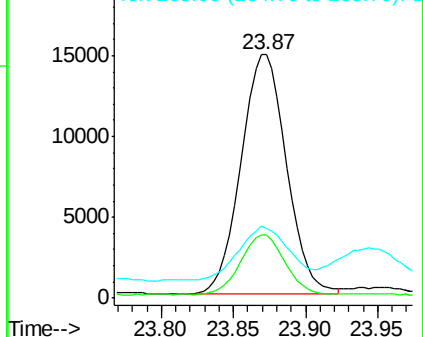
264 100

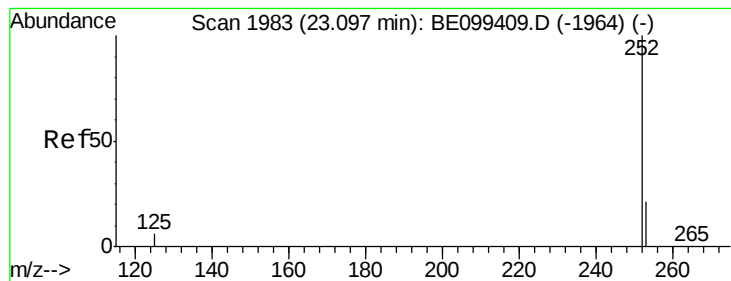
260 25.8 20.2 30.2

265 28.5 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: 2.655 ng

RT: 23.10 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

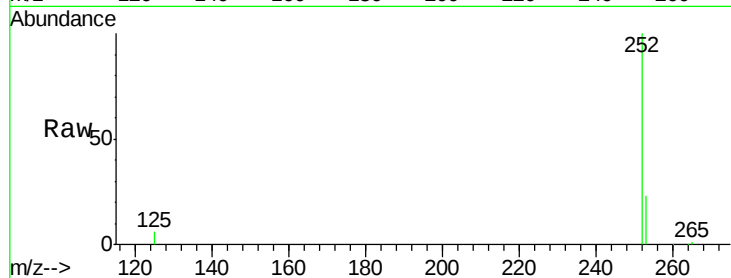
Tot Ion:252 Resp: 244176

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

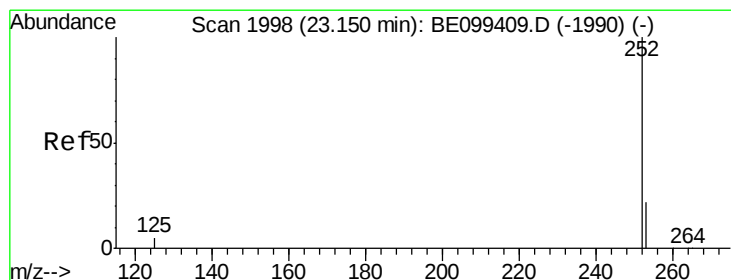
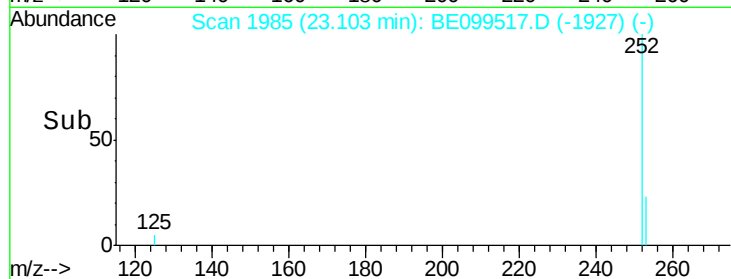
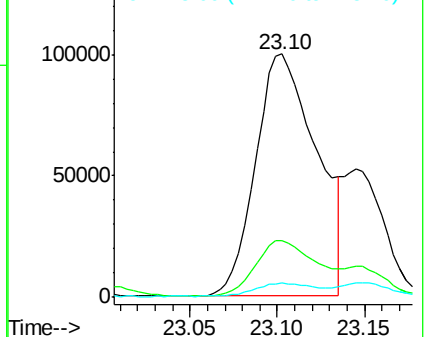
125 5.8 5.6 8.4



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



#36

Benzo(k)fluoranthene

Concen: 2.754 ng

RT: 23.10 min Scan# 1985

Delta R.T. -0.05 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

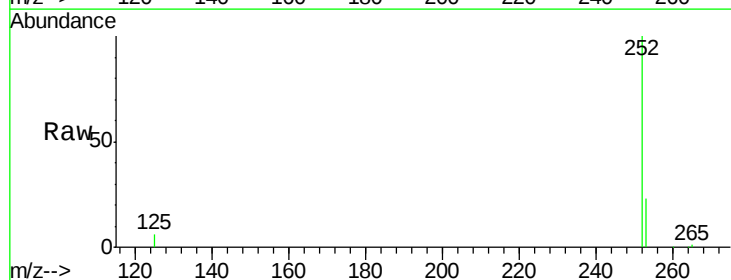
Tgt Ion:252 Resp: 244176

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

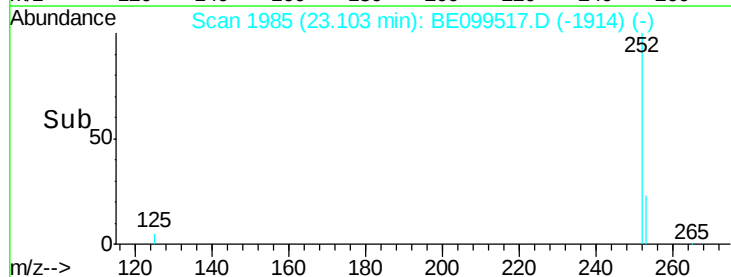
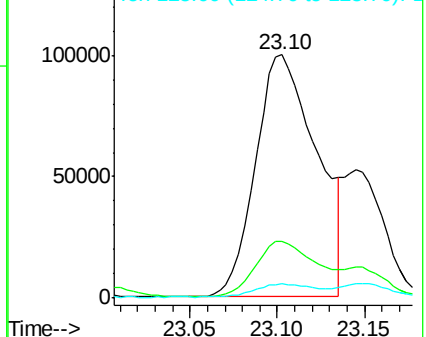
125 5.8 5.0 7.4

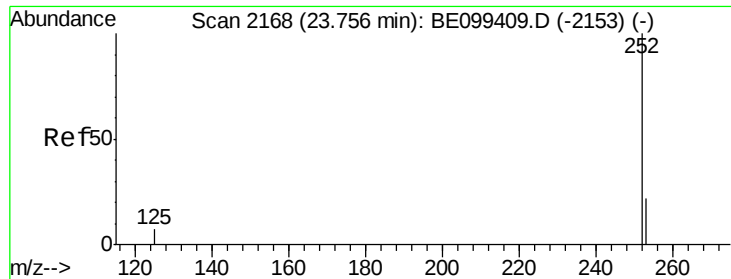


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.372 ng

RT: 23.65 min Scan# 2138

Delta R.T. -0.11 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

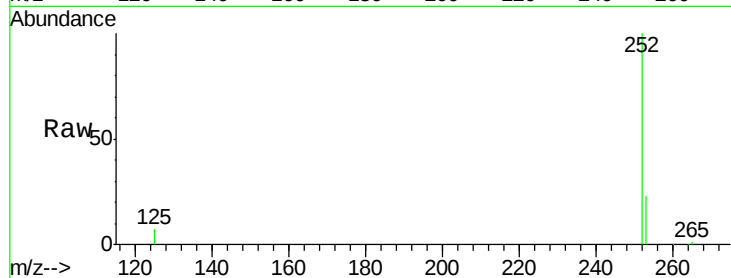
Tot Ion:252 Resp: 119245

Ion Ratio Lower Upper

252 100

253 22.8 18.9 28.3

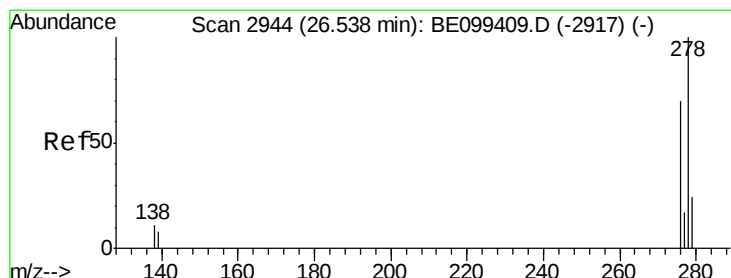
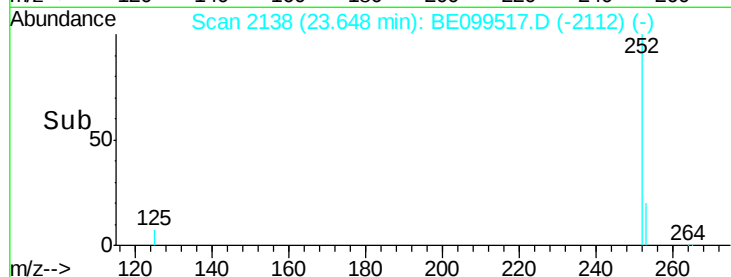
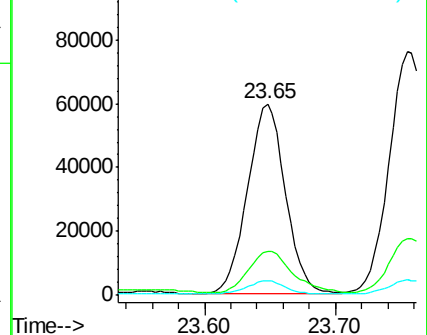
125 7.4 6.7 10.1



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: 0.337 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

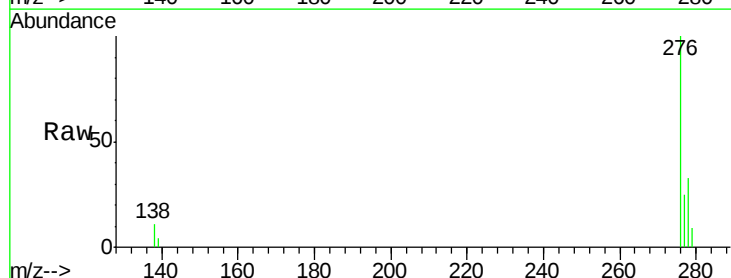
Tgt Ion:278 Resp: 29943

Ion Ratio Lower Upper

278 100

139 11.6 7.7 11.5#

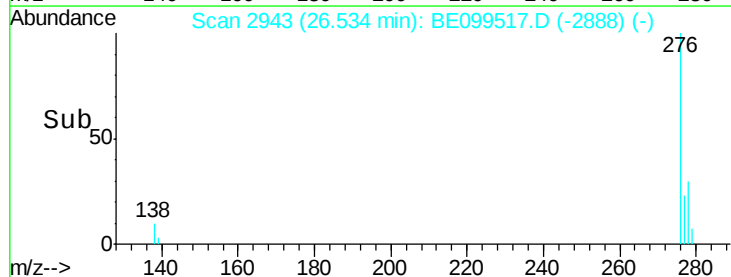
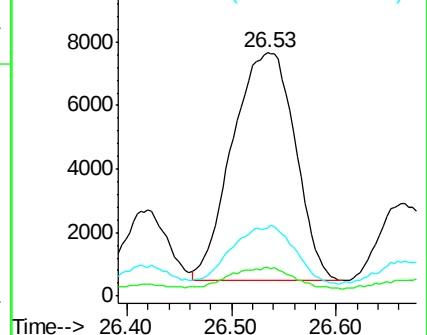
279 28.2 20.2 30.2

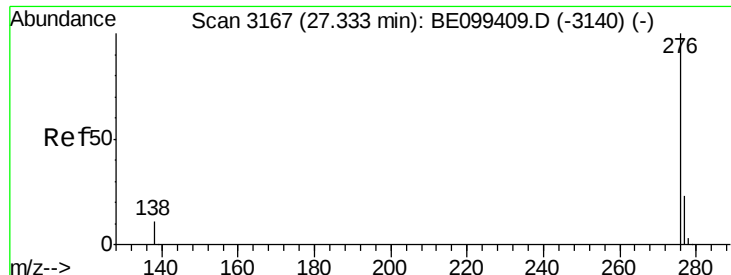


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.283 ng

RT: 27.34 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BE099517.D

Acq: 3 May 2019 6:08

Instrument :

BNA_E

ClientSampleId :

PST-004-B169-042319

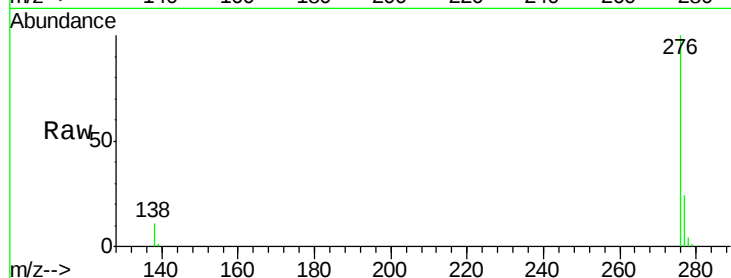
Tot Ion: 276 Resp: 114333

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 10.9 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

