

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
 Data File : BE099534.D
 Acq On : 3 May 2019 17:43
 Operator : JU/SJ
 Sample : K2587-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-003-B178-042319

Quant Time: May 03 23:36:46 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	2762	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	10386	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7938	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	21525	0.40	ng	0.01
27) Chrysene-d12	21.38	240	28116	0.40	ng	0.01
34) Perylene-d12	23.89	264	30901	0.40	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	2211	0.29	ng	0.01
5) Phenol-d6	6.97	99	3302	0.33	ng	0.00
8) Nitrobenzene-d5	8.96	82	2958	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	5303	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1714	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	7816	0.26	ng	0.00
25) Fluoranthene-d10	19.23	212	69332	0.24	ng	0.01
29) Terphenyl-d14	19.82	244	15485	0.30	ng	0.00

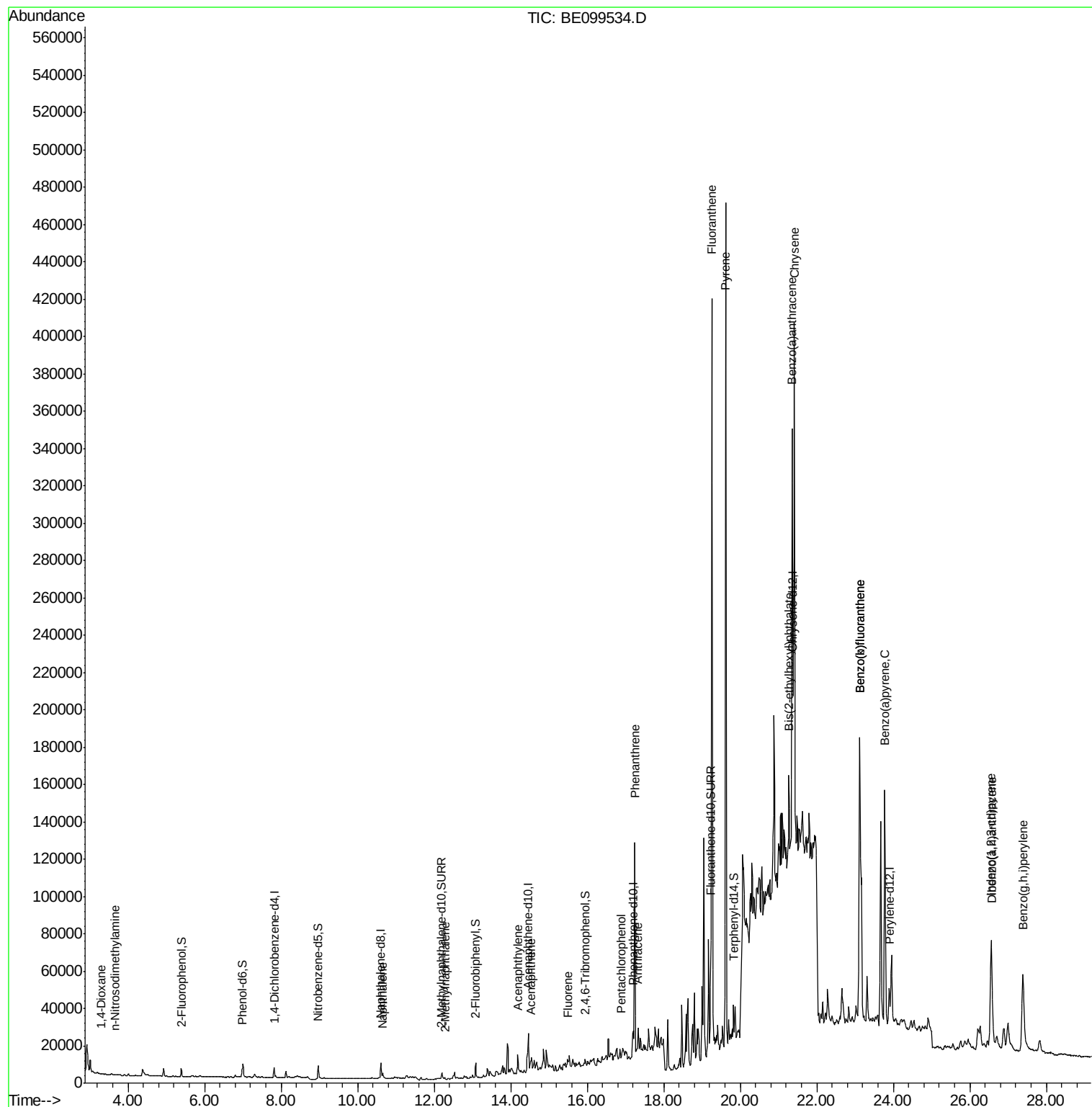
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	122	0.032	ng	# 77
3) n-Nitrosodimethylamine	3.67	42	64	0.028	ng	# 1
9) Naphthalene	10.65	128	4607	0.041	ng	# 94
12) 2-Methylnaphthalene	12.28	142	867	0.044	ng	# 85
16) Acenaphthylene	14.18	152	13554	0.349	ng	# 86
17) Acenaphthene	14.53	154	2300	0.104	ng	# 83
18) Fluorene	15.50	166	4651	0.142	ng	# 81
22) Pentachlorophenol	16.88	266	105	0.231	ng	# 66
23) Phenanthrene	17.24	178	131106	2.360	ng	# 97
24) Anthracene	17.32	178	18439	0.348	ng	# 96
26) Fluoranthene	19.26	202	342489	4.117	ng	# 86
28) Pyrene	19.62	202	408604	5.575	ng	# 96
30) Benzo(a)anthracene	21.35	228	235021	2.624	ng	# 90
31) Chrysene	21.41	228	277813	3.169	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.27	149	53449	0.351	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.56	276	131033	1.265	ng	# 95
35) Benzo(b)fluoranthene	23.12	252	302362	3.393	ng	# 83
36) Benzo(k)fluoranthene	23.12	252	302362	3.519	ng	# 83
37) Benzo(a)pyrene	23.78	252	200516	2.380	ng	# 90
38) Dibenzo(a,h)anthracene	26.57	278	32611	0.378	ng	# 43
39) Benzo(g,h,i)perylene	27.39	276	136829	1.585	ng	# 89

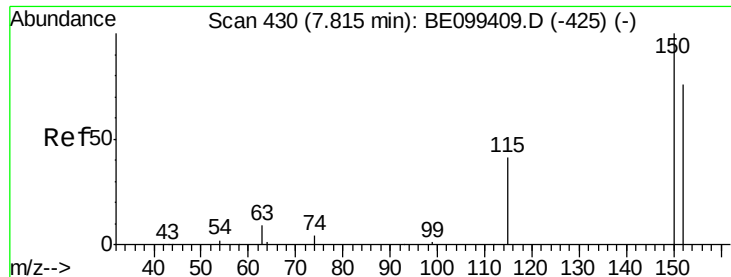
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

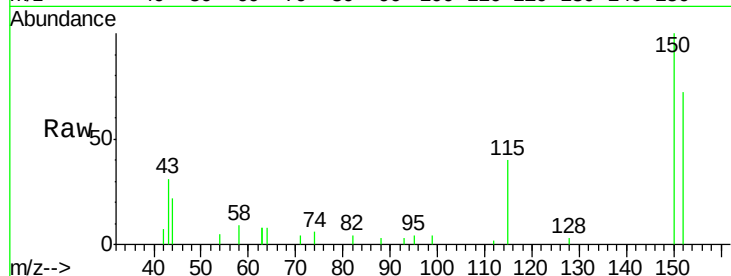
Tot Ion:152 Resp: 2762

Ion Ratio Lower Upper

152 100

150 138.2 104.8 157.2

115 55.9 46.6 69.8



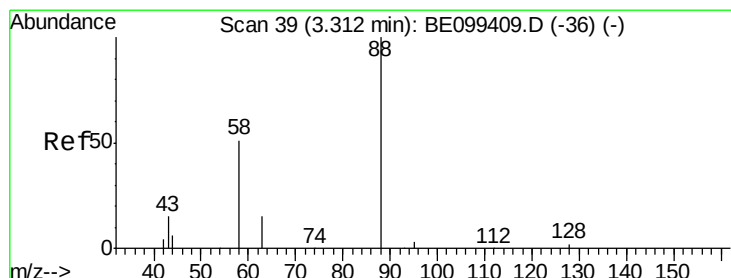
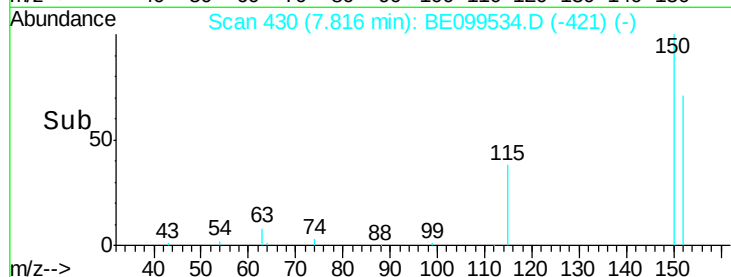
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.82

Time-->



#2

1,4-Dioxane

Concen: 0.032 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

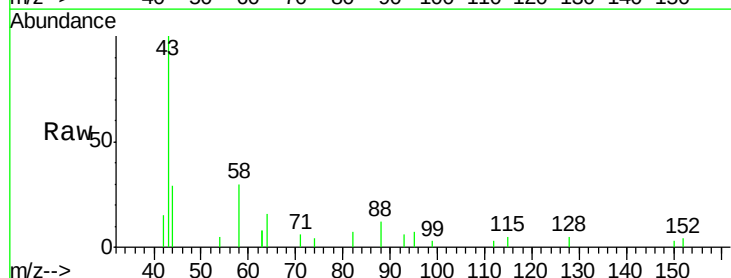
Tgt Ion: 88 Resp: 122

Ion Ratio Lower Upper

88 100

58 54.1 51.0 76.6

43 0.0 20.6 30.8#



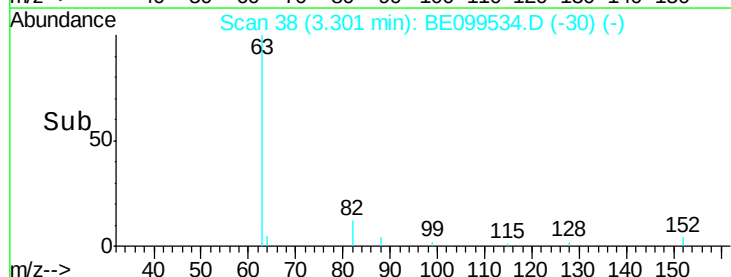
Abundance Ion 88.00 (87.70 to 88.70): BE0

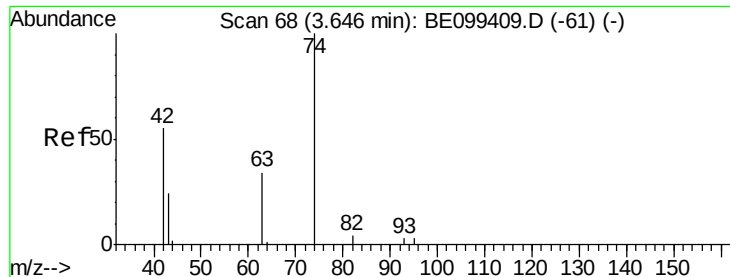
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.30

Time-->



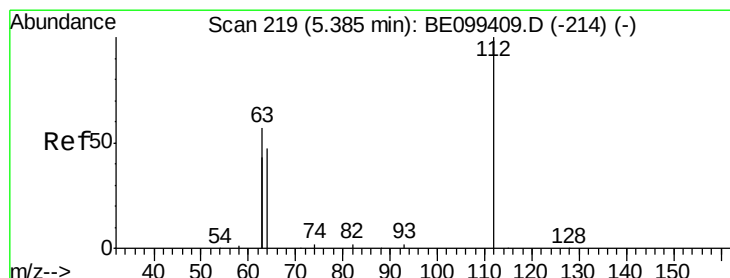
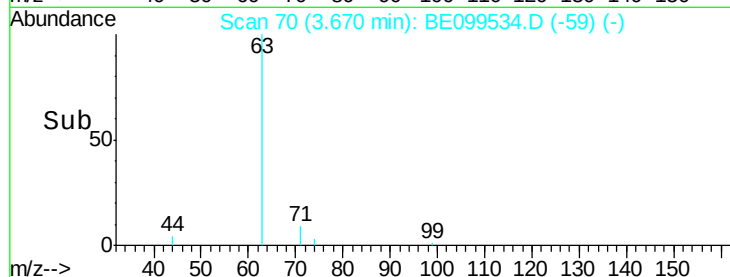
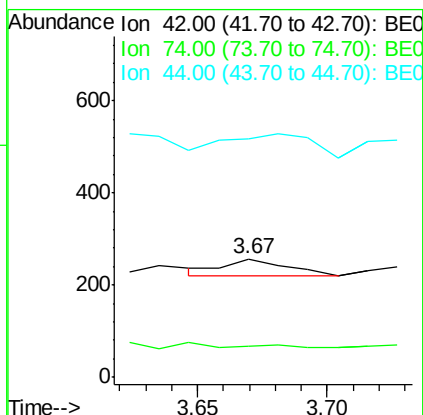
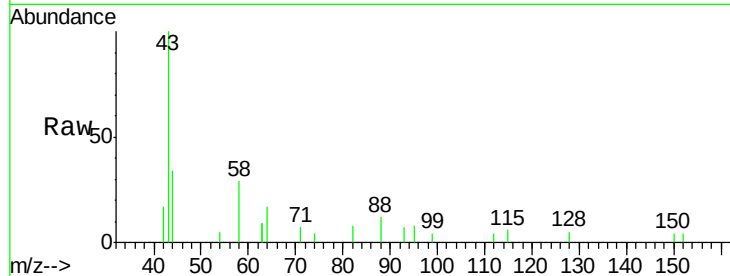


#3

n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.67 min Scan# 70
 Delta R.T. 0.02 min
 Lab File: BE099534.D
 Acq: 3 May 2019 17:43

Instrument :
 BNA_E
 ClientSampleId :
 PST-003-B178-042319

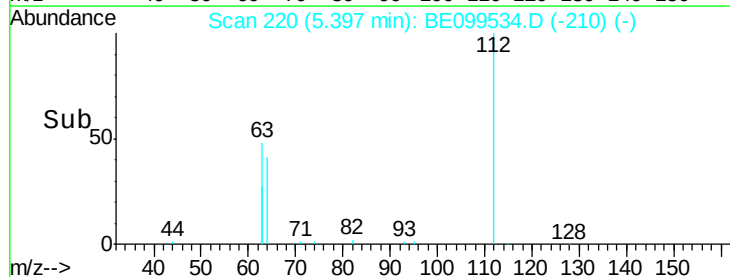
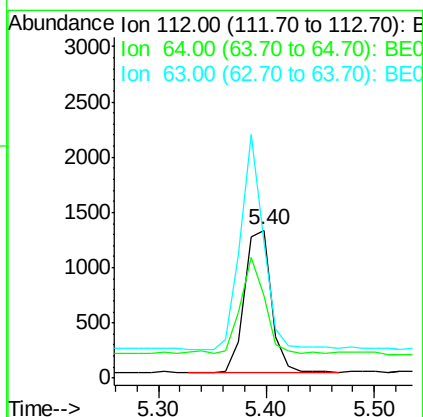
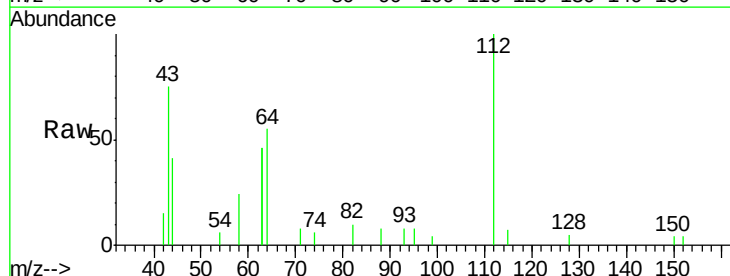
Tot Ion: 42 Resp: 64
 Ion Ratio Lower Upper
 42 100
 74 0.0 141.6 212.4#
 44 192.2 0.0 0.0#

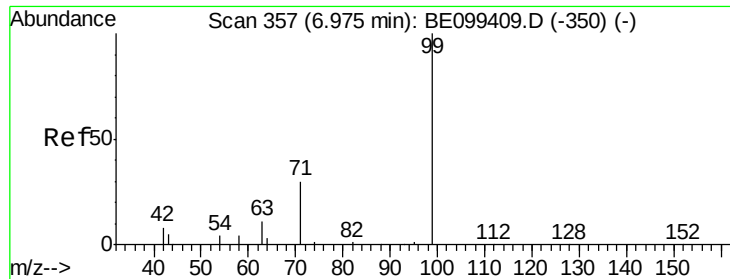


#4

2-Fluorophenol
 Concen: 0.290 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE099534.D
 Acq: 3 May 2019 17:43

Tgt Ion: 112 Resp: 2211
 Ion Ratio Lower Upper
 112 100
 64 61.2 47.4 71.0
 63 132.3 104.3 156.5





#5

Phenol-d6

Concen: 0.325 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

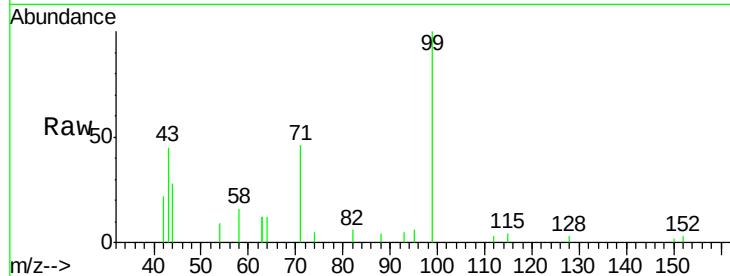
Tot Ion: 99 Resp: 3302

Ion Ratio Lower Upper

99 100

42 22.1 14.9 22.3

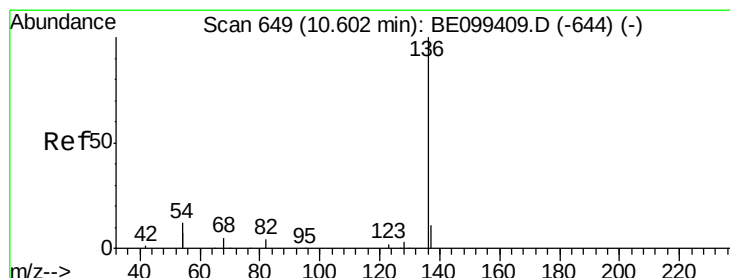
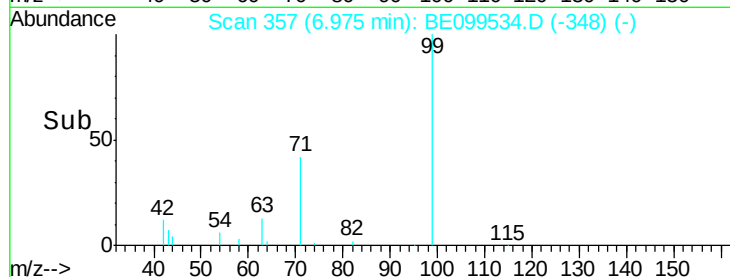
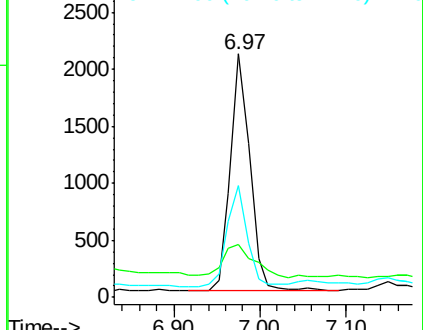
71 43.1 33.0 49.6



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: BE099534.D

Acq: 3 May 2019 17:43

Tgt Ion: 136 Resp: 10386

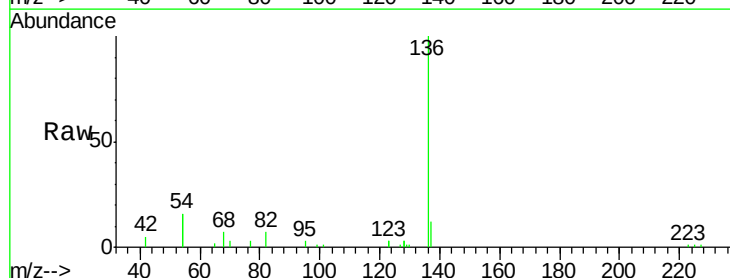
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 31.1 18.5 27.7#

68 7.2 4.7 7.1#

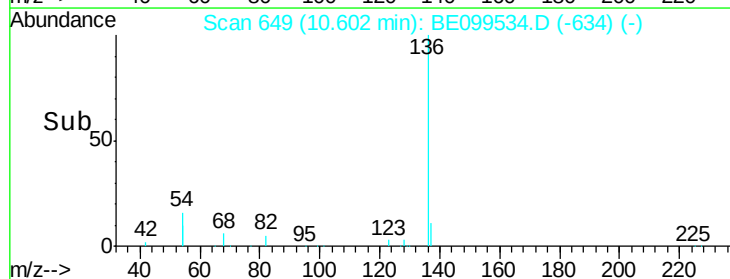
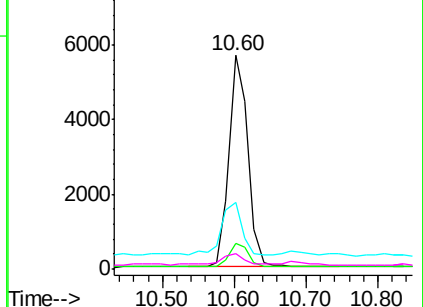


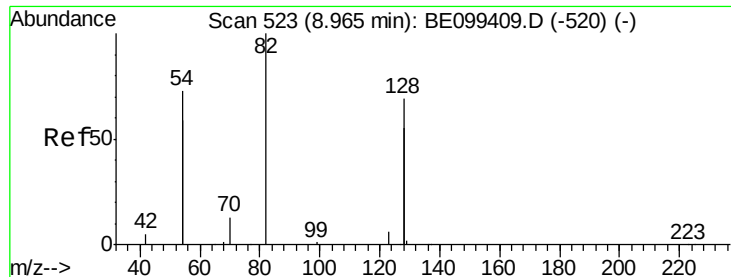
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.304 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

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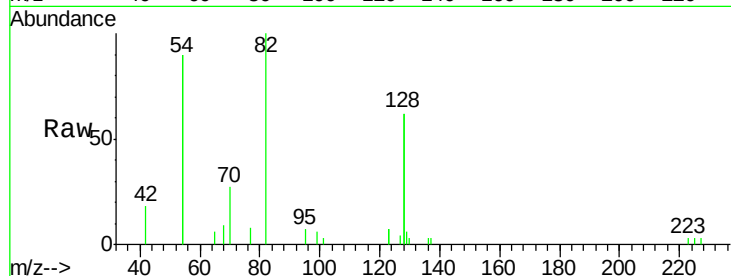
Tot Ion: 82 Resp: 2958

Ion Ratio Lower Upper

82 100

128 123.2 107.0 160.4

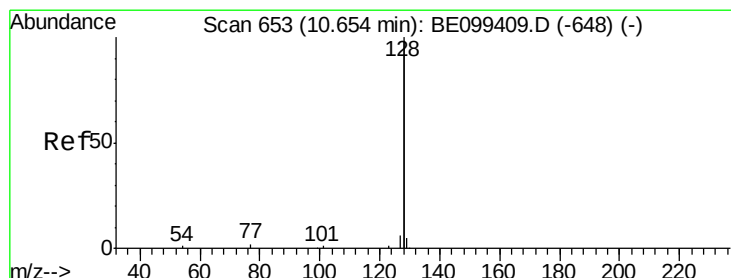
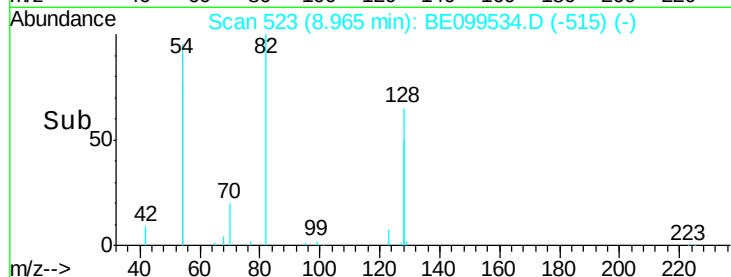
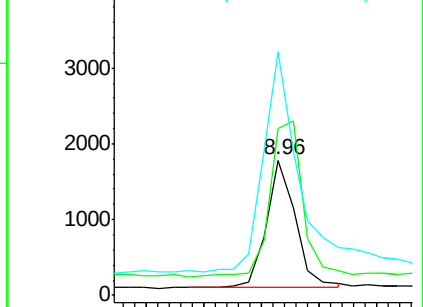
54 180.0 113.1 169.7#



Abundance Ion 82.00 (81.70 to 82.70): BE099534.D (-515) (-)

Ion 128.00 (127.70 to 128.70): BE099534.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BE099534.D (-515) (-)



#9

Naphthalene

Concen: 0.041 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

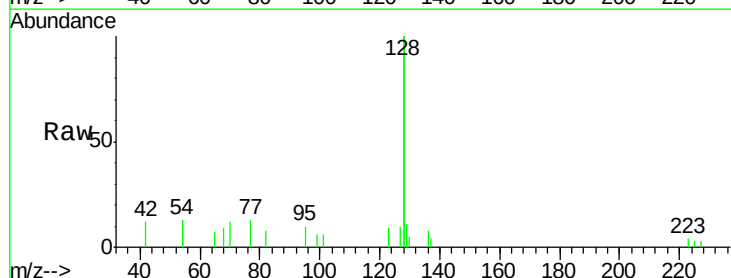
Tgt Ion: 128 Resp: 4607

Ion Ratio Lower Upper

128 100

129 5.3 2.4 3.6#

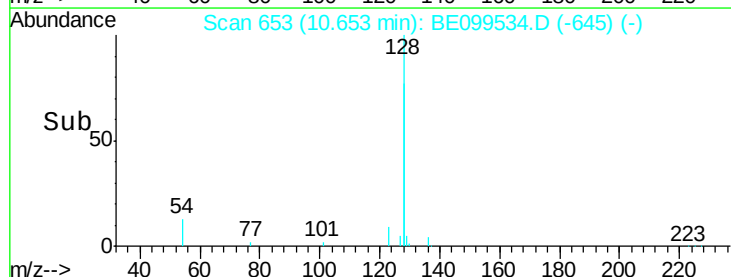
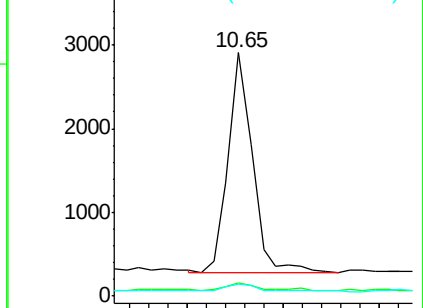
127 5.1 2.8 4.2#

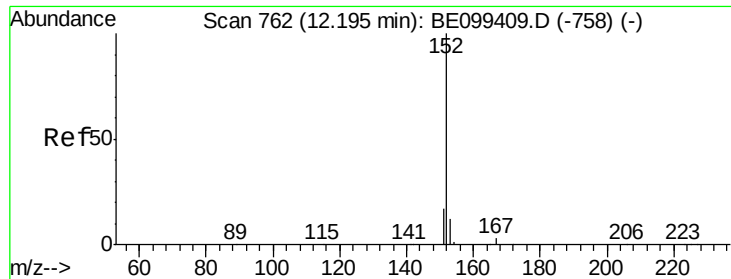


Abundance Ion 128.00 (127.70 to 128.70): BE099534.D (-645) (-)

Ion 129.00 (128.70 to 129.70): BE099534.D (-645) (-)

Ion 127.00 (126.70 to 127.70): BE099534.D (-645) (-)

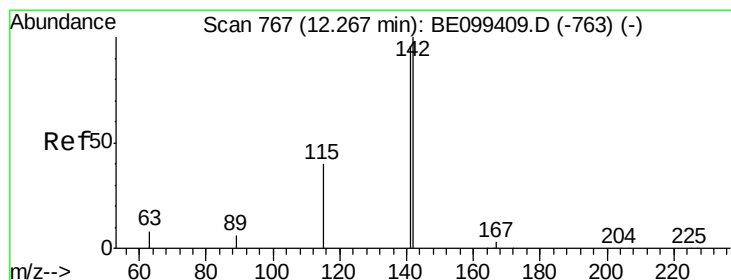
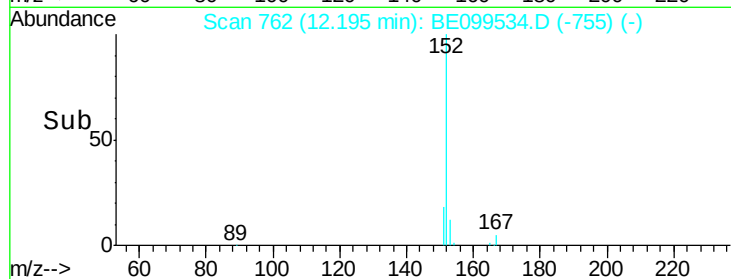
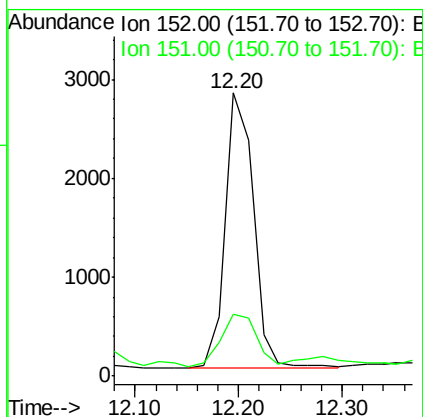
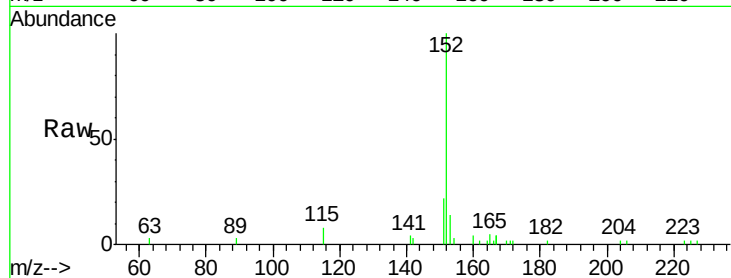




#11
 2-Methylnaphthalene-d10
 Concen: 0.283 ng
 RT: 12.20 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099534.D
 Acq: 3 May 2019 17:43

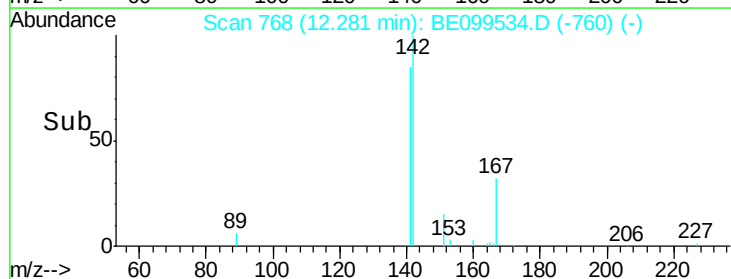
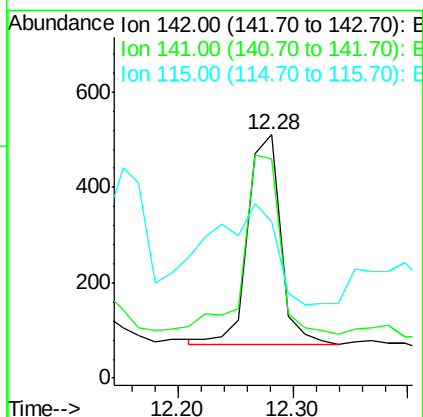
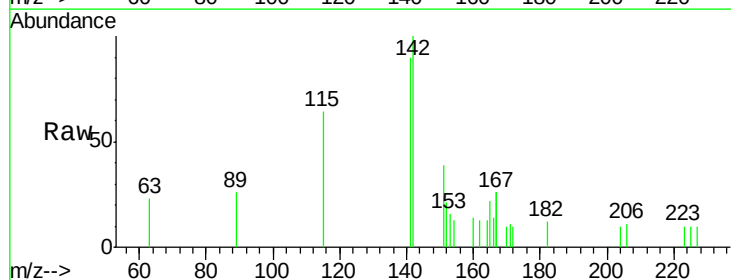
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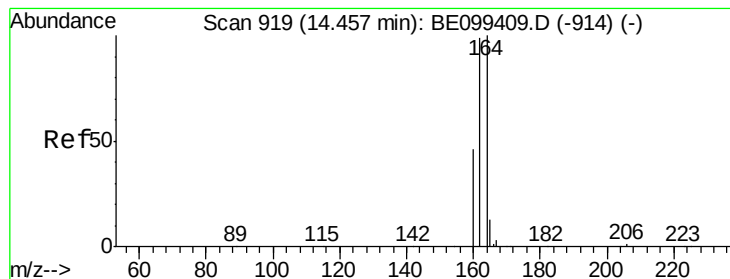
Tot Ion:152 Resp: 5303
 Ion Ratio Lower Upper
 152 100
 151 25.0 15.5 23.3#



#12
 2-Methylnaphthalene
 Concen: 0.044 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE099534.D
 Acq: 3 May 2019 17:43

Tgt Ion:142 Resp: 867
 Ion Ratio Lower Upper
 142 100
 141 90.2 77.0 115.4
 115 64.4 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: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

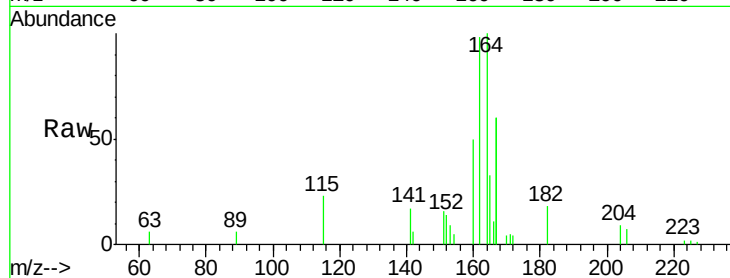
Tot Ion:164 Resp: 7938

Ion Ratio Lower Upper

164 100

162 97.6 79.0 118.4

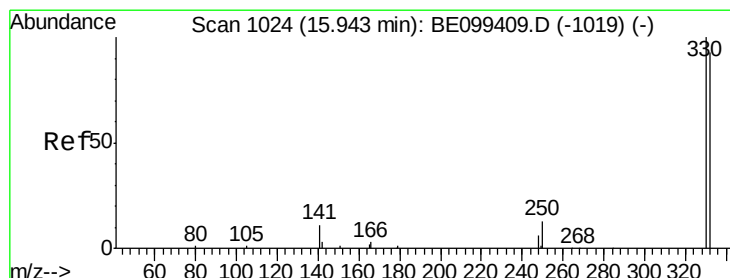
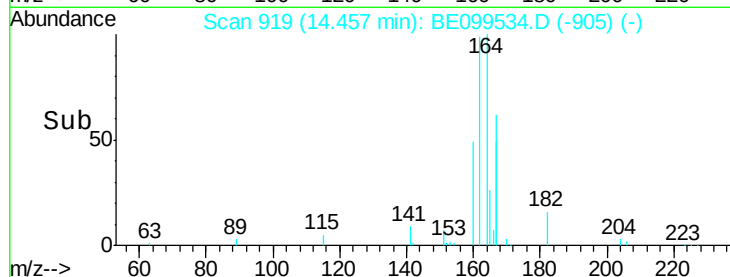
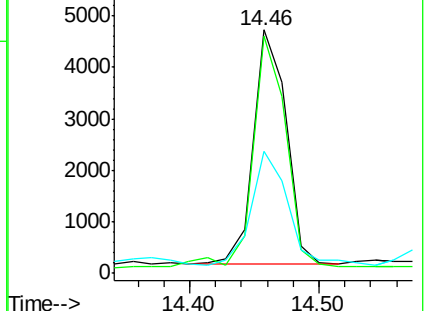
160 50.3 37.0 55.4



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: 0.343 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

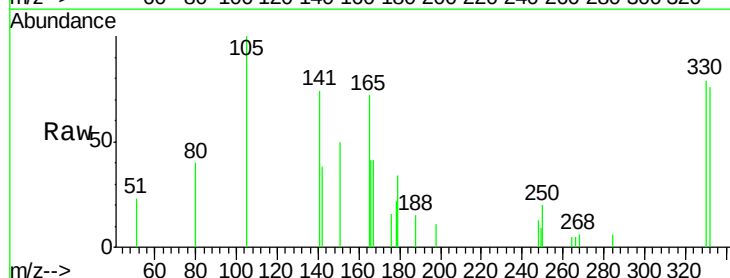
Tgt Ion:330 Resp: 1714

Ion Ratio Lower Upper

330 100

332 98.2 71.5 107.3

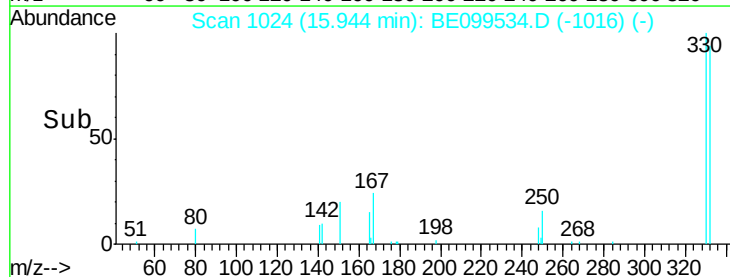
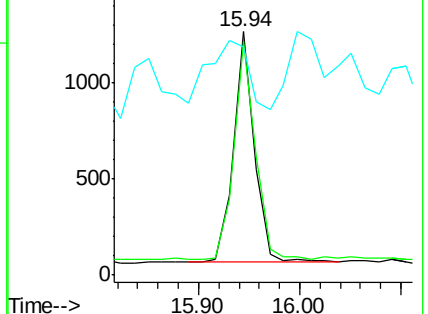
141 56.1 24.0 36.0#

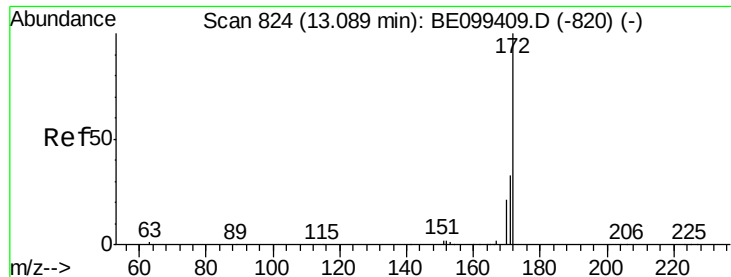


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

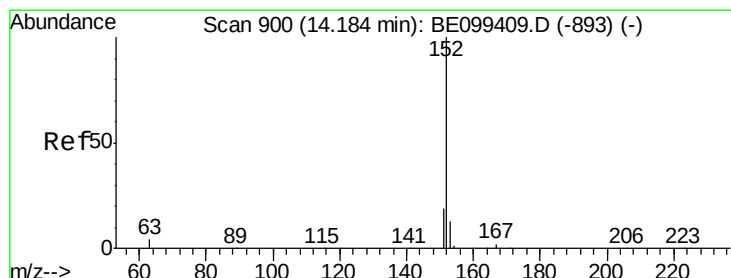
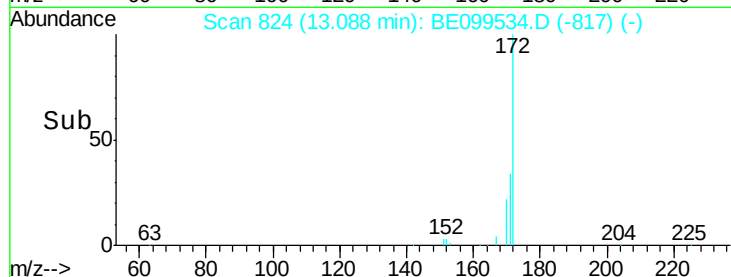
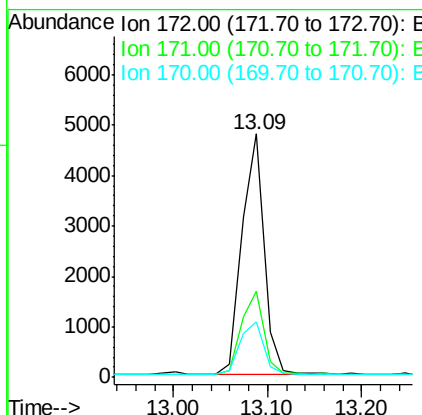
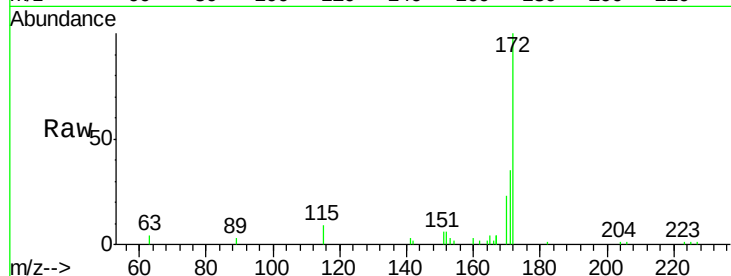




#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

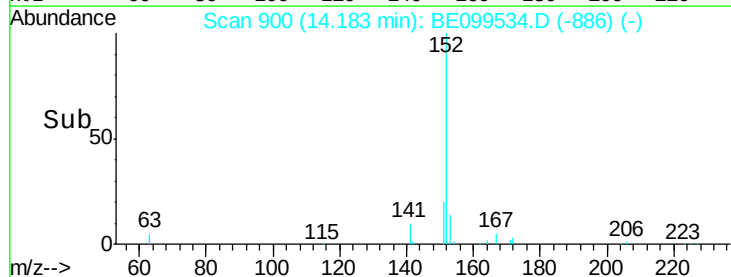
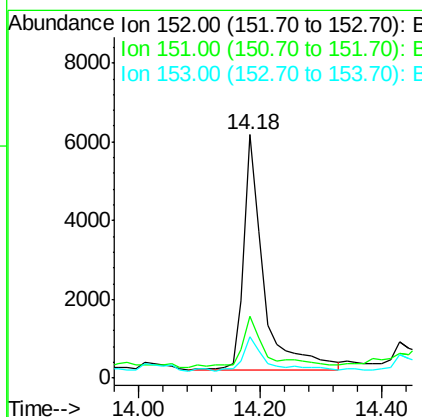
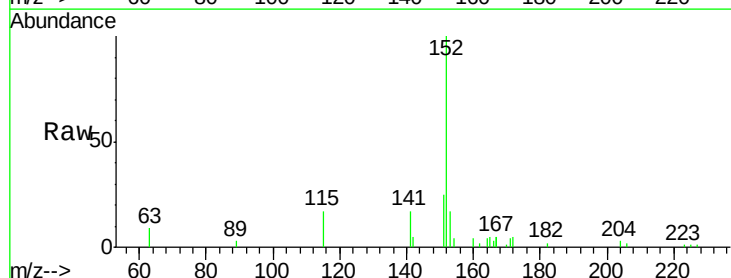
Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

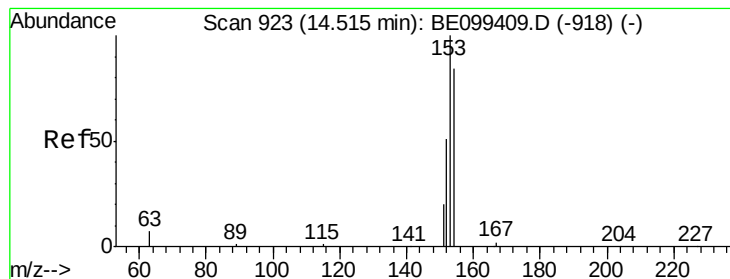
Tot Ion:172 Resp: 7816
Ion Ratio Lower Upper
172 100
171 35.4 26.6 39.8
170 22.6 17.0 25.6



#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:152 Resp: 13554
Ion Ratio Lower Upper
152 100
151 26.5 15.4 23.2#
153 16.7 9.8 14.6#





#17

Acenaphthene

Concen: 0.104 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

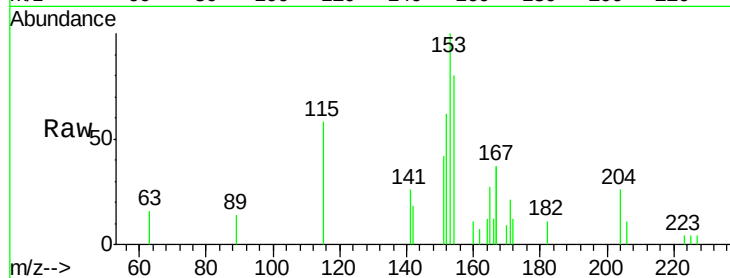
Tot Ion:154 Resp: 2300

Ion Ratio Lower Upper

154 100

153 129.6 92.6 138.8

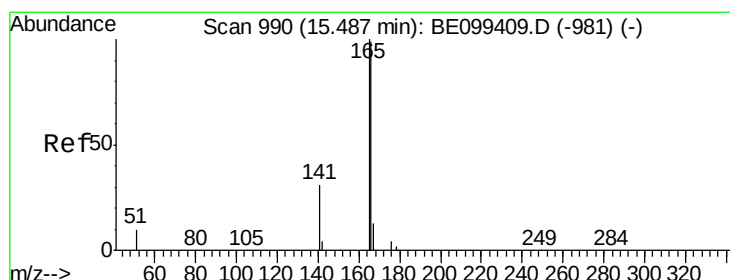
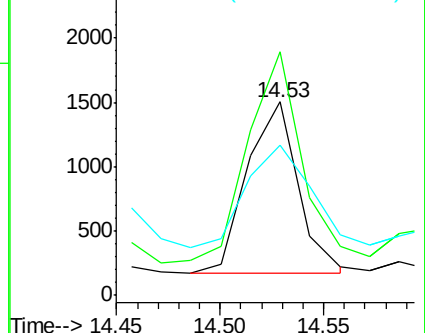
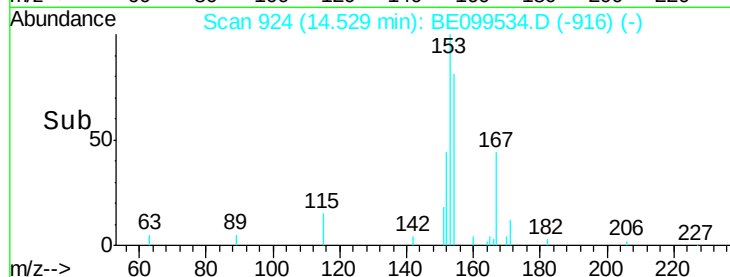
152 76.0 45.8 68.8#



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: 0.142 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

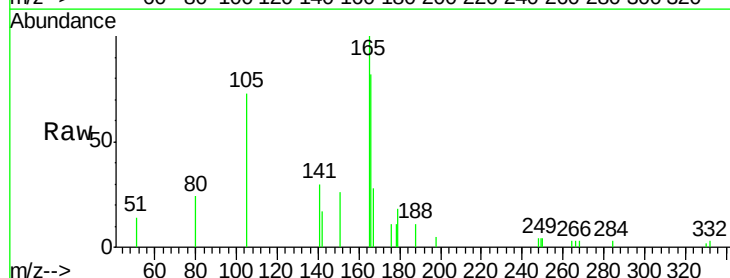
Tgt Ion:166 Resp: 4651

Ion Ratio Lower Upper

166 100

165 117.8 80.3 120.5

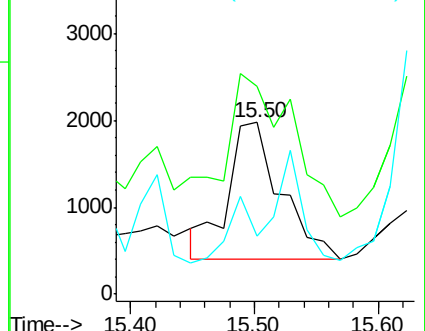
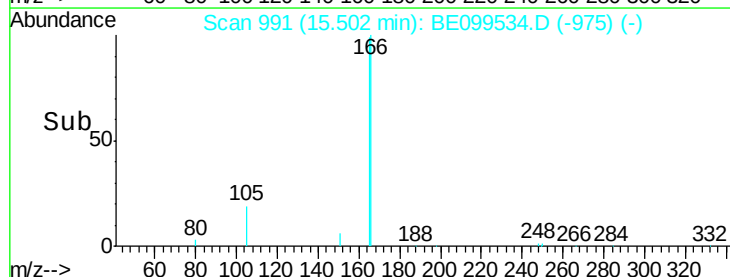
167 0.0 10.7 16.1#

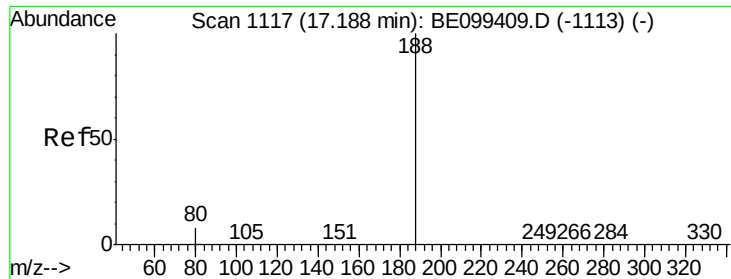


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

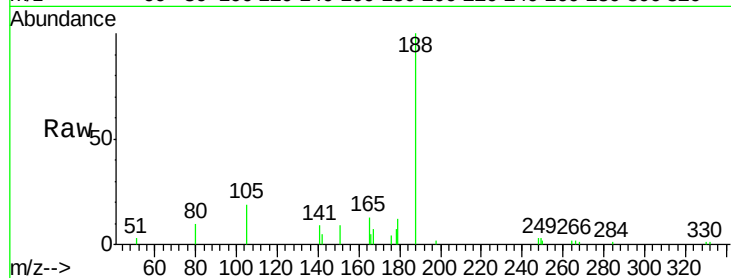
Tot Ion:188 Resp: 21525

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

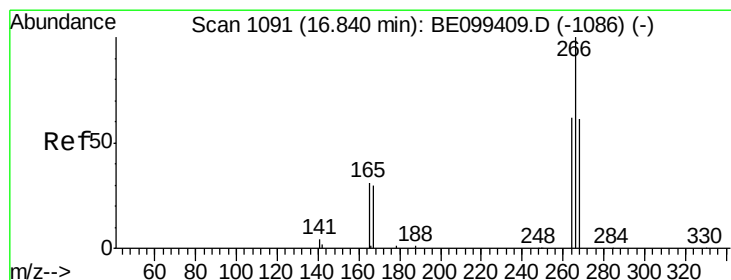
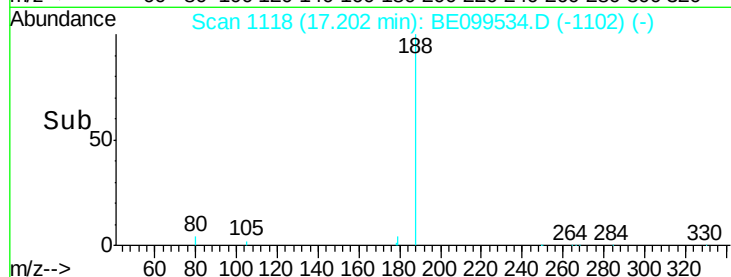
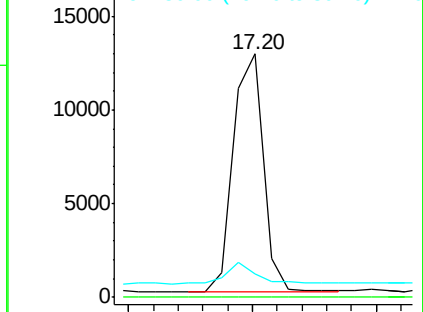
80 9.9 6.7 10.1



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: 0.231 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.04 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

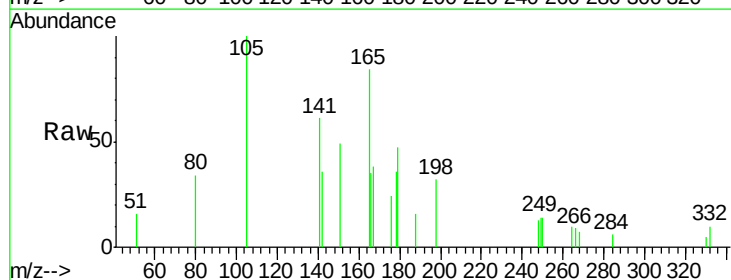
Tgt Ion:266 Resp: 105

Ion Ratio Lower Upper

266 100

264 106.7 50.8 76.2#

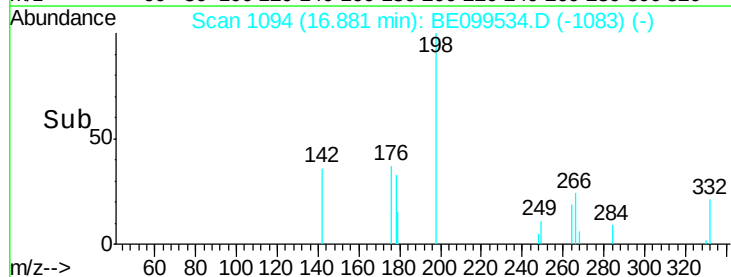
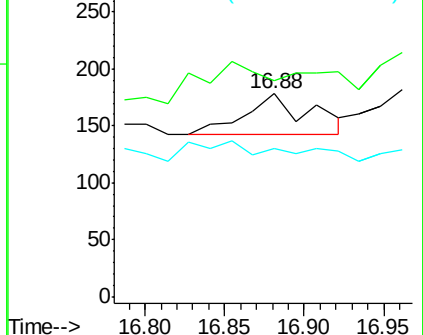
268 73.0 50.5 75.7

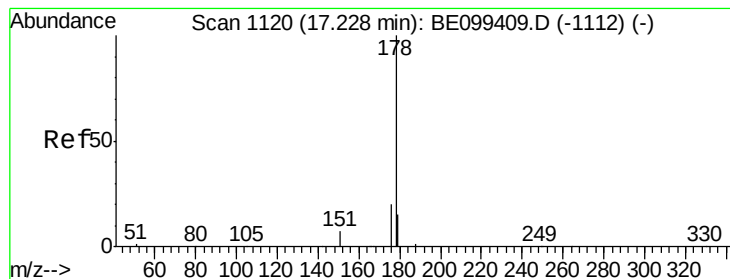


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.360 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

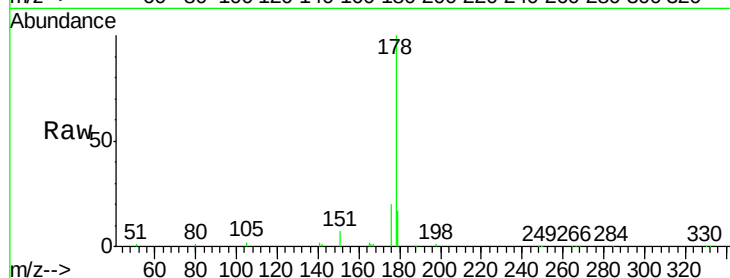
Tot Ion:178 Resp: 131106

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

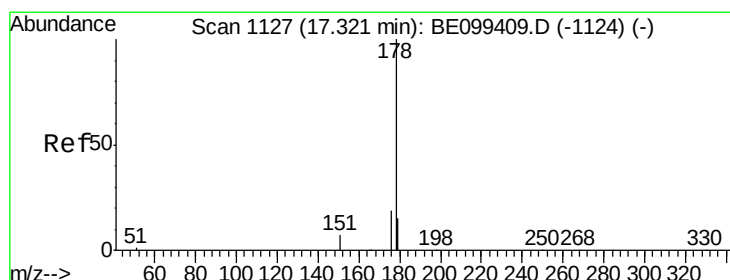
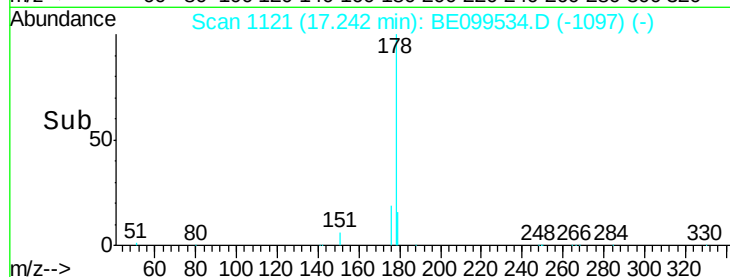
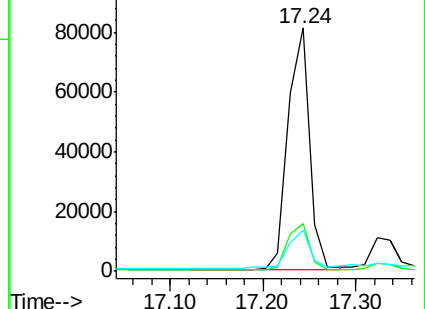
179 17.7 12.0 18.0



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: 0.348 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

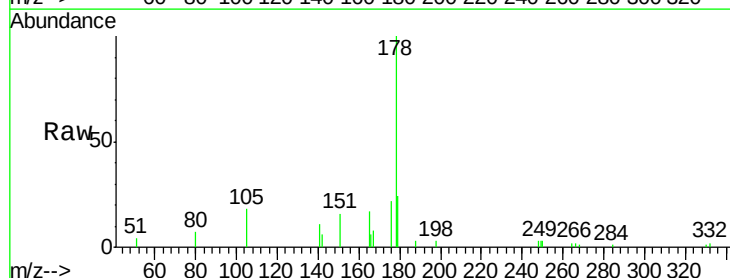
Tgt Ion:178 Resp: 18439

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

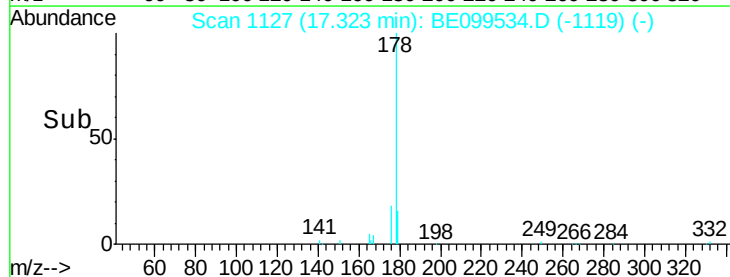
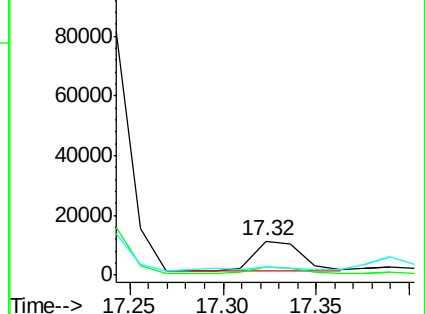
179 12.2 11.9 17.9

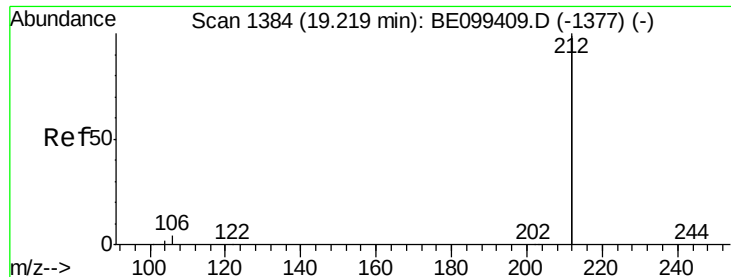


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.239 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

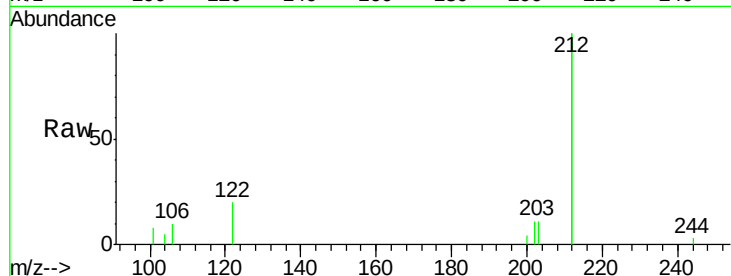
Tot Ion:212 Resp: 69332

Ion Ratio Lower Upper

212 100

106 4.1 1.5 2.3#

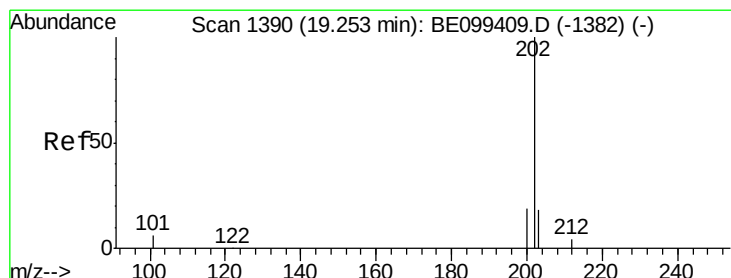
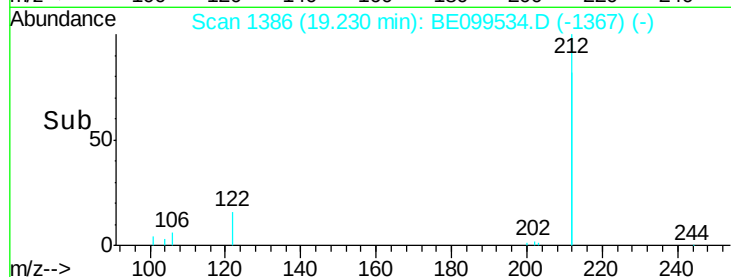
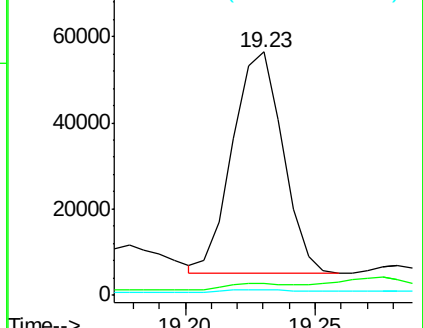
104 1.8 0.9 1.3#



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: 4.117 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

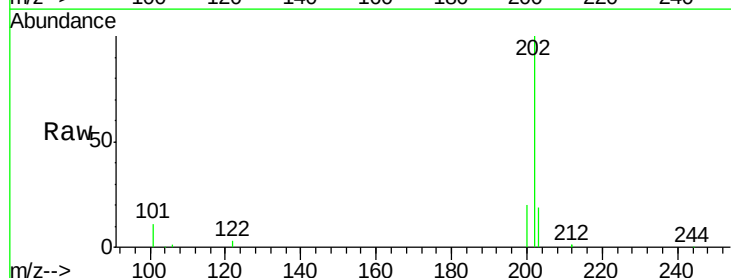
Tgt Ion:202 Resp: 342489

Ion Ratio Lower Upper

202 100

101 22.2 5.4 8.0#

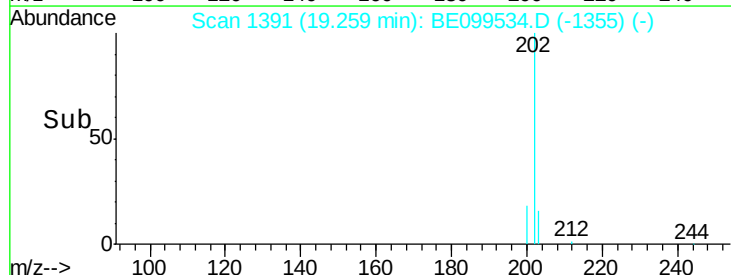
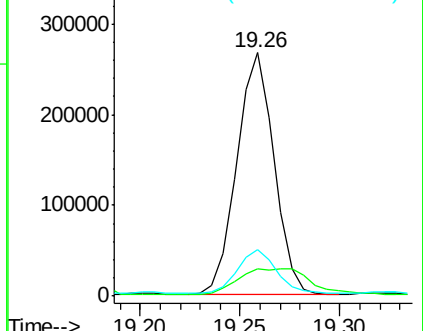
203 18.5 13.9 20.9

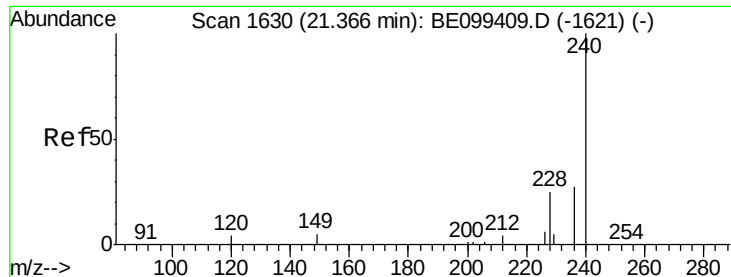


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.38 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

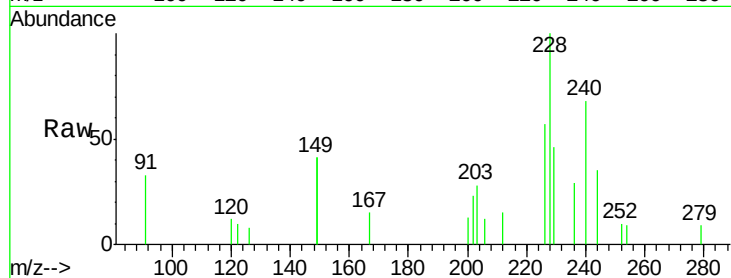
Tot Ion:240 Resp: 28116

Ion Ratio Lower Upper

240 100

120 17.3 4.0 6.0#

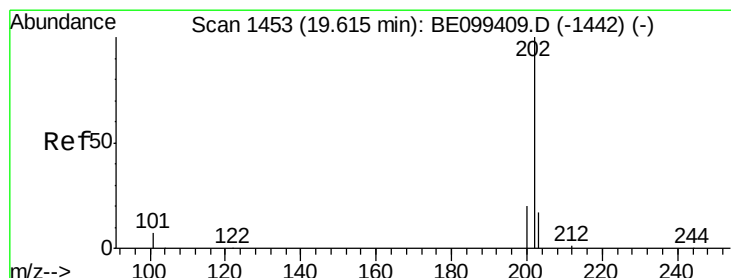
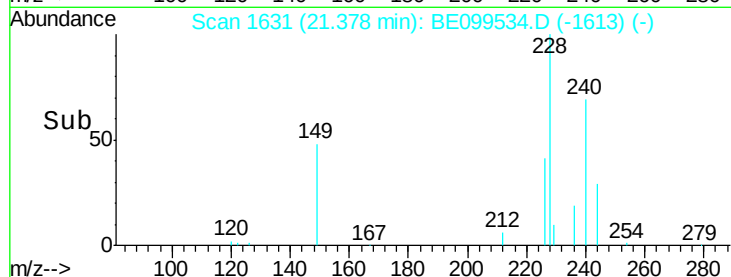
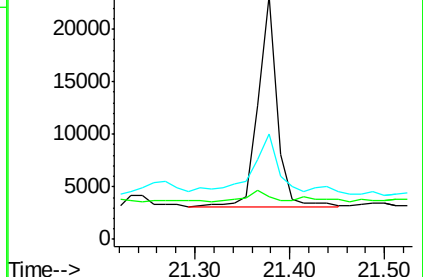
236 43.1 22.0 33.0#



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: 5.575 ng

RT: 19.62 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

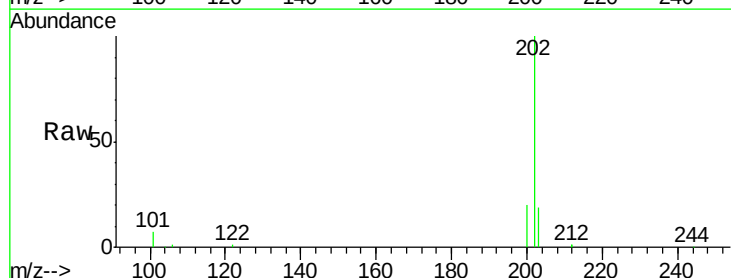
Tgt Ion:202 Resp: 408604

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

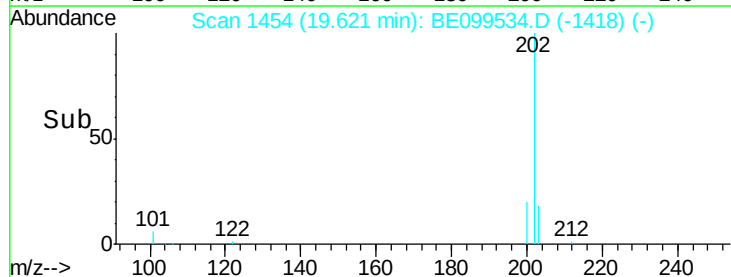
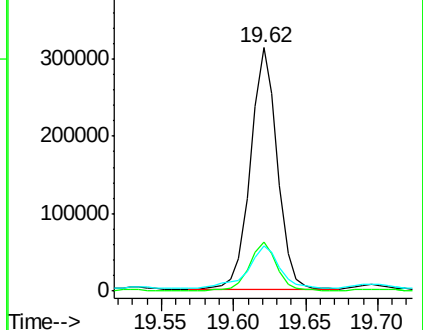
203 20.9 13.9 20.9#

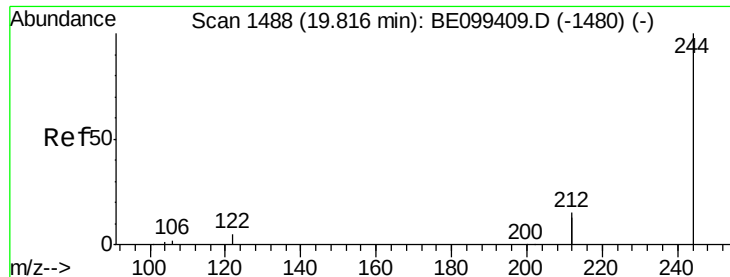


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.301 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

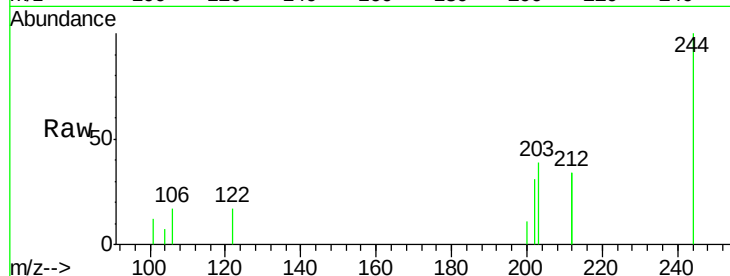
Tot Ion:244 Resp: 15485

Ion Ratio Lower Upper

244 100

212 67.6 23.2 34.8#

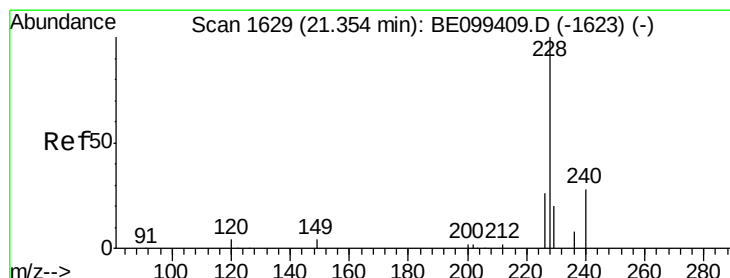
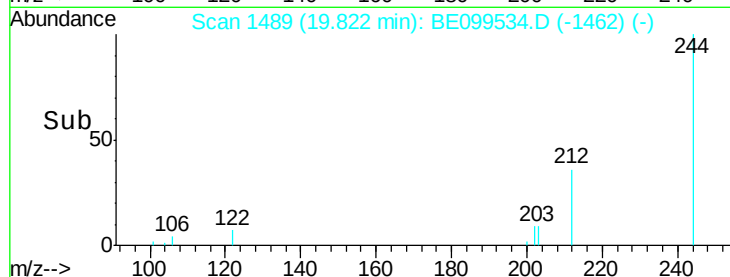
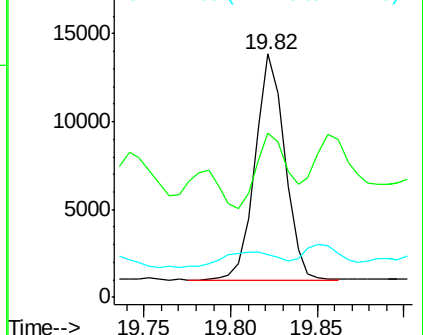
122 17.4 4.2 6.4#



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: 2.624 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

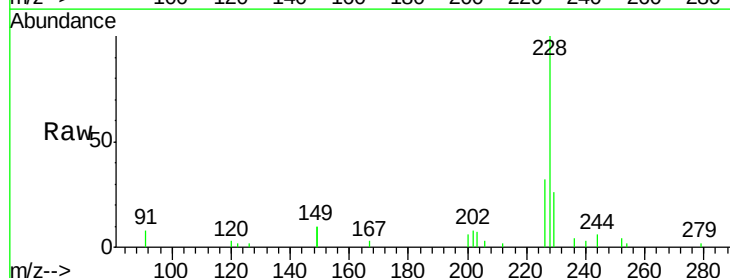
Tgt Ion:228 Resp: 235021

Ion Ratio Lower Upper

228 100

226 31.6 21.0 31.6#

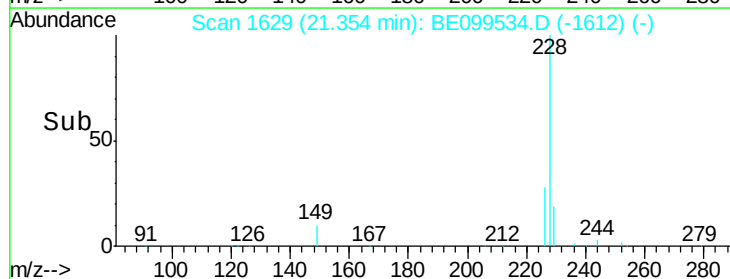
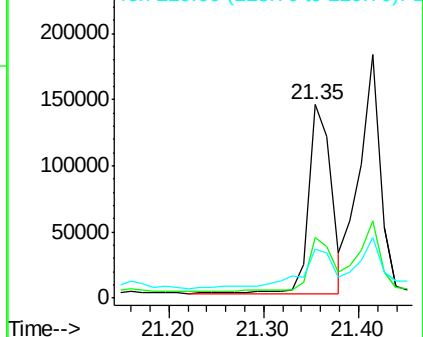
229 25.5 16.6 25.0#

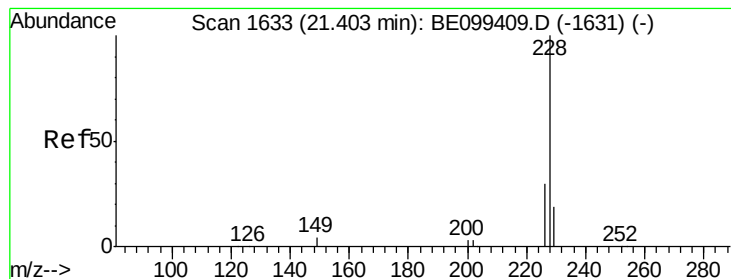


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.169 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

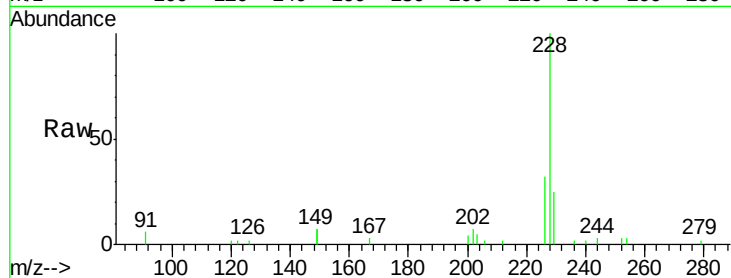
Tot Ion:228 Resp: 277813

Ion Ratio Lower Upper

228 100

226 31.9 24.0 36.0

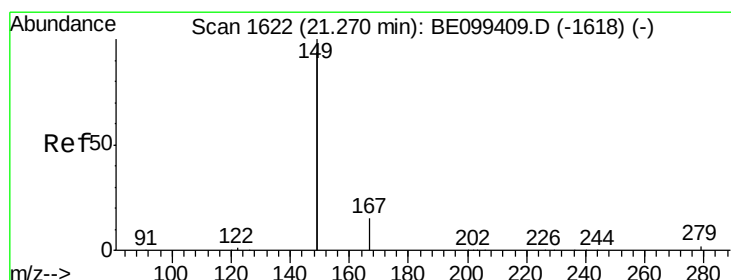
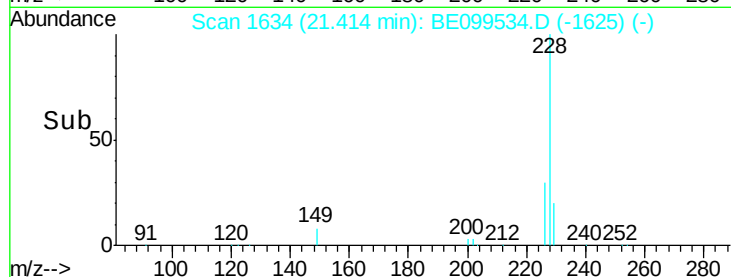
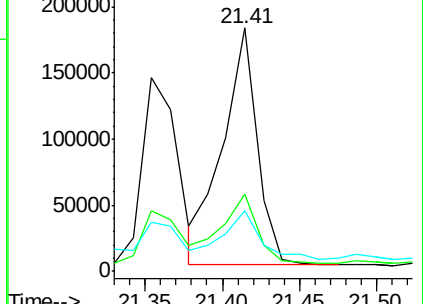
229 25.1 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.351 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

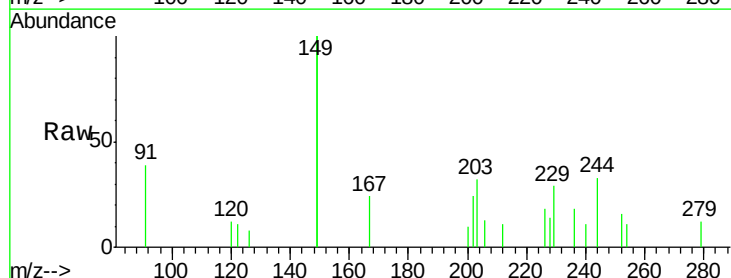
Tgt Ion:149 Resp: 53449

Ion Ratio Lower Upper

149 100

167 6.3 5.8 8.6

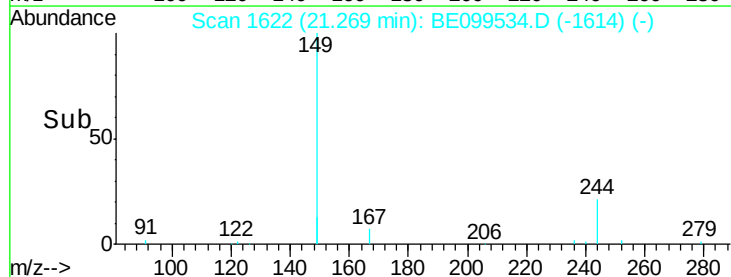
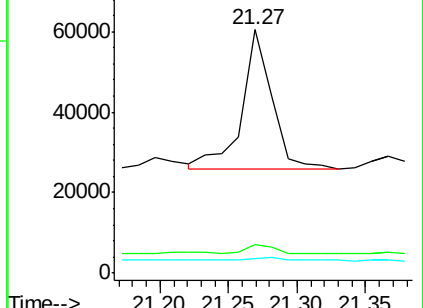
279 3.6 1.0 1.6#

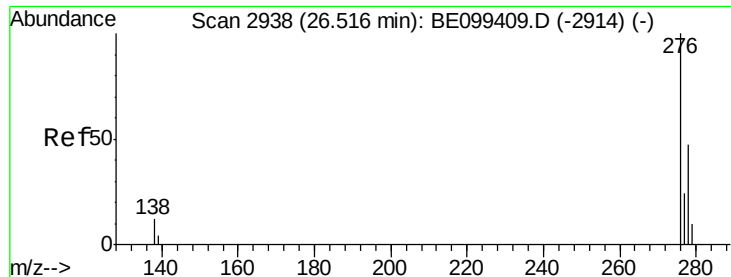


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.265 ng

RT: 26.56 min Scan# 2950

Delta R.T. 0.04 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

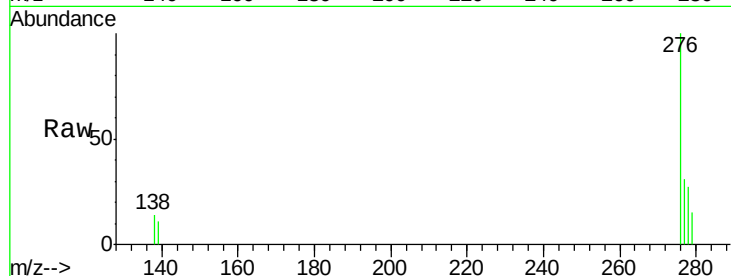
Tot Ion:276 Resp: 131033

Ion Ratio Lower Upper

276 100

138 8.6 10.2 15.2#

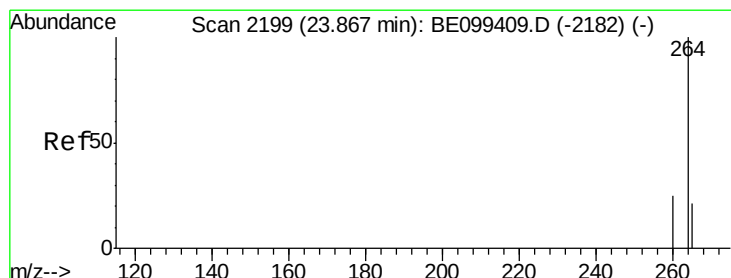
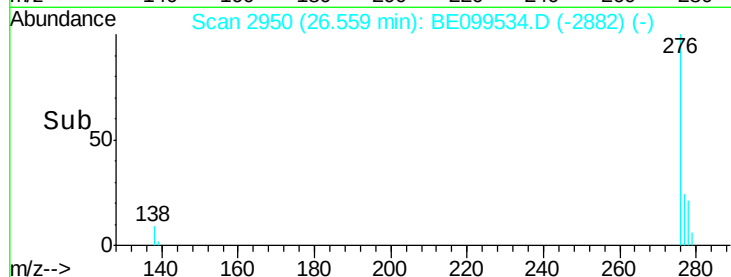
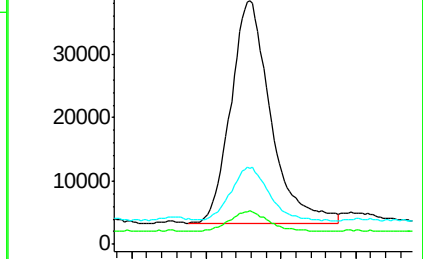
277 23.2 19.2 28.8



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: 23.89 min Scan# 2207

Delta R.T. 0.03 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

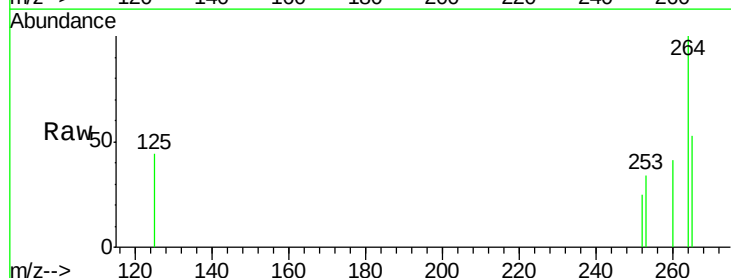
Tgt Ion:264 Resp: 30901

Ion Ratio Lower Upper

264 100

260 40.6 20.2 30.2#

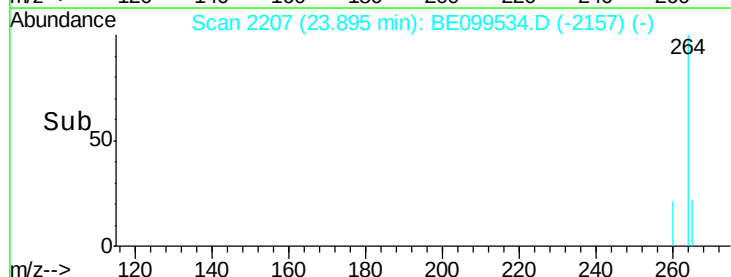
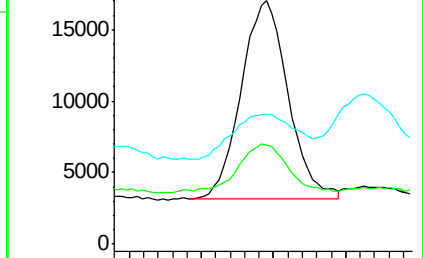
265 53.3 21.3 31.9#

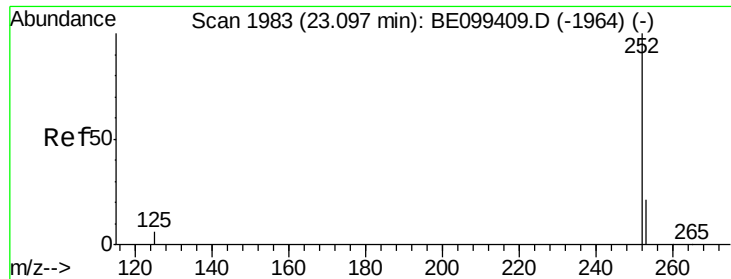


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.393 ng

RT: 23.12 min Scan# 1990

Delta R.T. 0.02 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

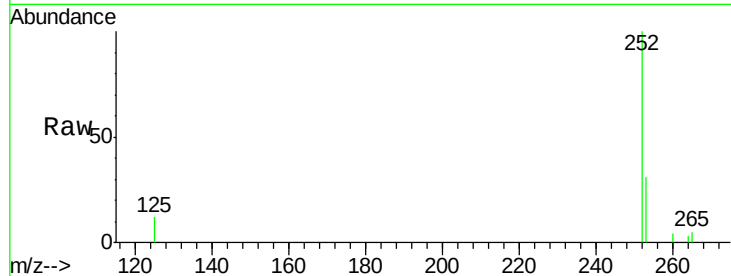
Tot Ion:252 Resp: 302362

Ion Ratio Lower Upper

252 100

253 31.4 18.1 27.1#

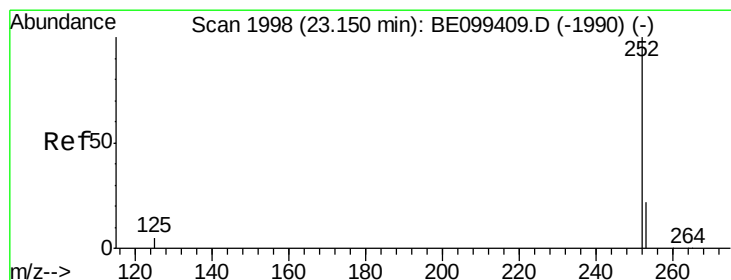
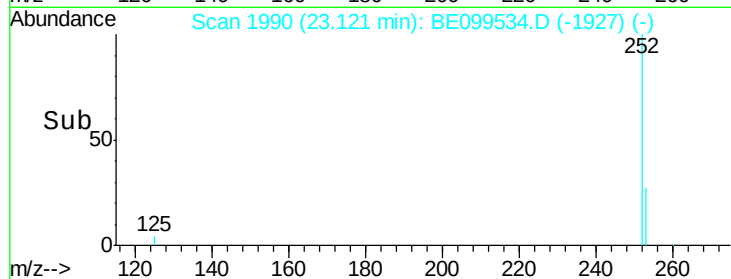
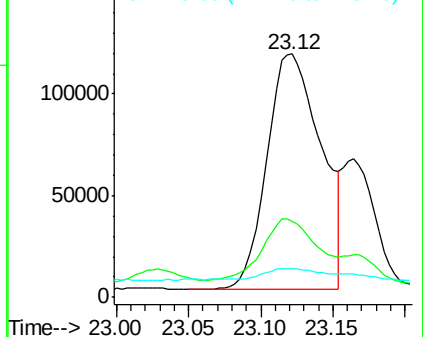
125 11.7 5.6 8.4#



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: 3.519 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.03 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

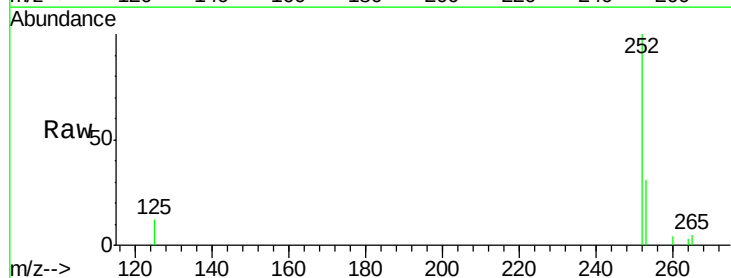
Tgt Ion:252 Resp: 302362

Ion Ratio Lower Upper

252 100

253 31.4 18.4 27.6#

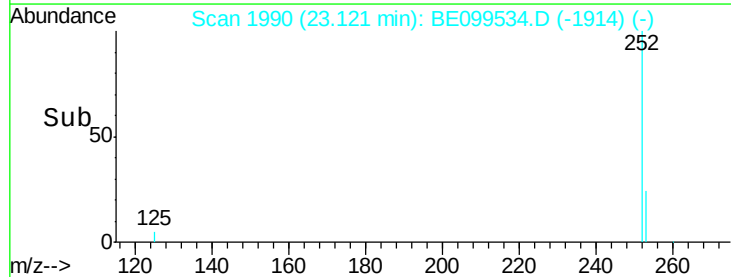
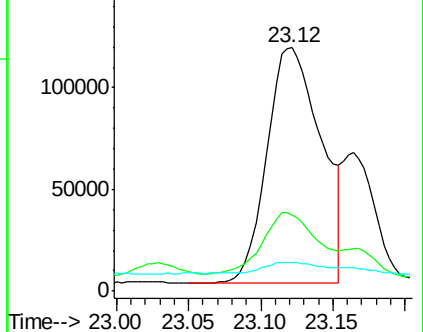
125 11.7 5.0 7.4#

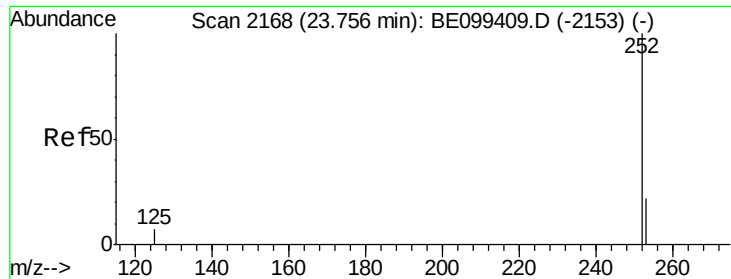


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

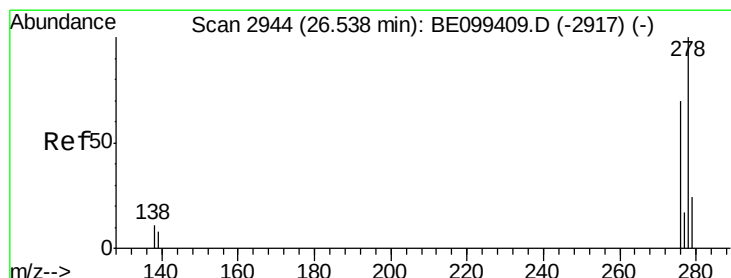
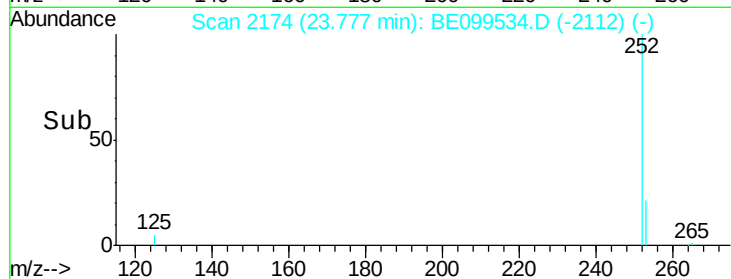
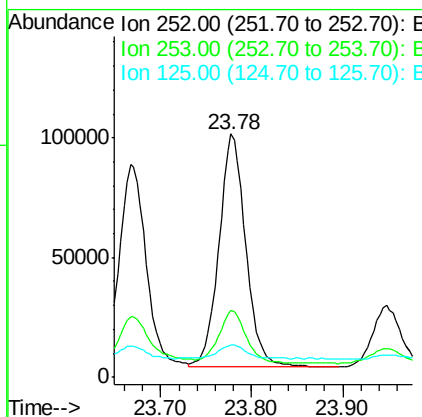
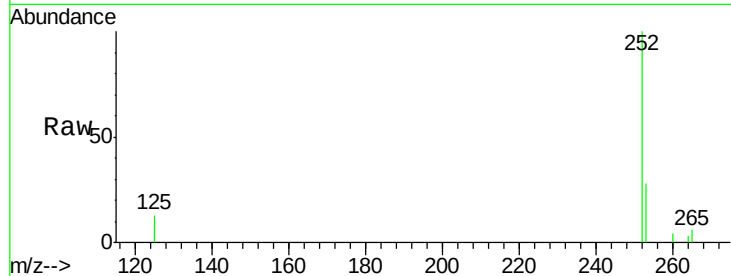




#37
Benzo(a)pyrene
Concen: 2.380 ng
RT: 23.78 min Scan# 2174
Delta R.T. 0.02 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

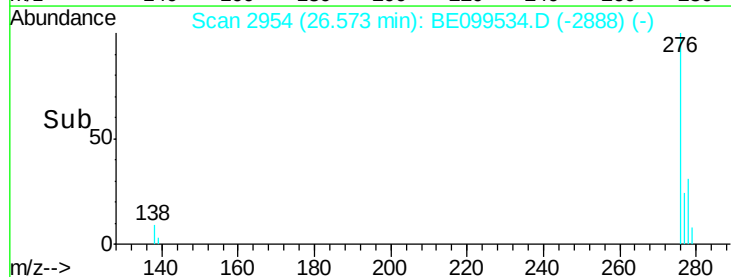
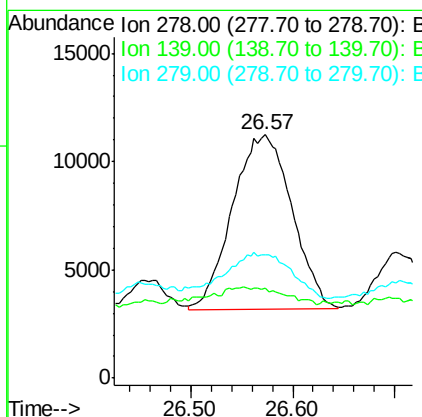
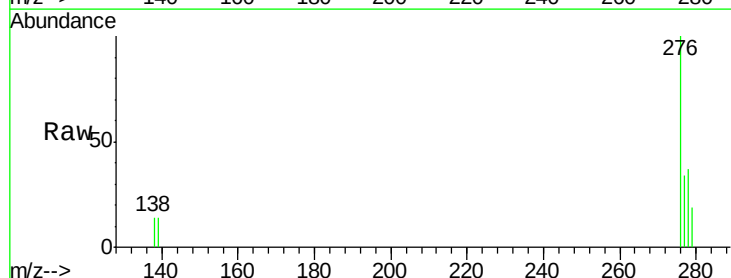
Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

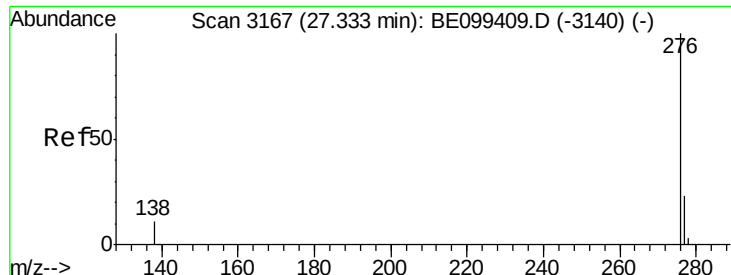
Tot Ion:252 Resp: 200516
Ion Ratio Lower Upper
252 100
253 27.7 18.9 28.3
125 13.3 6.7 10.1#



#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.57 min Scan# 2954
Delta R.T. 0.04 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:278 Resp: 32611
Ion Ratio Lower Upper
278 100
139 36.9 7.7 11.5#
279 50.5 20.2 30.2#





#39

Benzo(a,h,i)perylene

Concen: 1.585 ng

RT: 27.39 min Scan# 3182

Delta R.T. 0.05 min

Lab File: BE099534.D

Acq: 3 May 2019 17:43

Instrument :

BNA_E

ClientSampleId :

PST-003-B178-042319

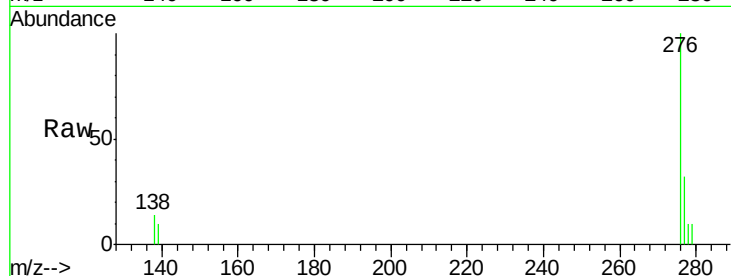
Tot Ion:276 Resp: 136829

Ion Ratio Lower Upper

276 100

277 31.7 19.5 29.3#

138 13.6 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

