

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099098.D
 Acq On : 23 Mar 2019 2:25
 Operator : JU/SJ
 Sample : K1947-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B129-031319

Quant Time: Mar 23 03:58:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 00:46:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3235	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	12485	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	8209	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	22406	0.40	ng	0.00
27) Chrysene-d12	21.39	240	34031	0.40	ng	0.00
34) Perylene-d12	23.90	264	38471	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	4315	0.45	ng	0.00
5) Phenol-d6	7.00	99	6011	0.43	ng	0.00
8) Nitrobenzene-d5	9.15	82	214	0.04	ng	0.16
11) 2-Methylnaphthalene-d10	12.22	152	8067	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1381	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	12779	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	113307	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	22246	0.31	ng	0.00

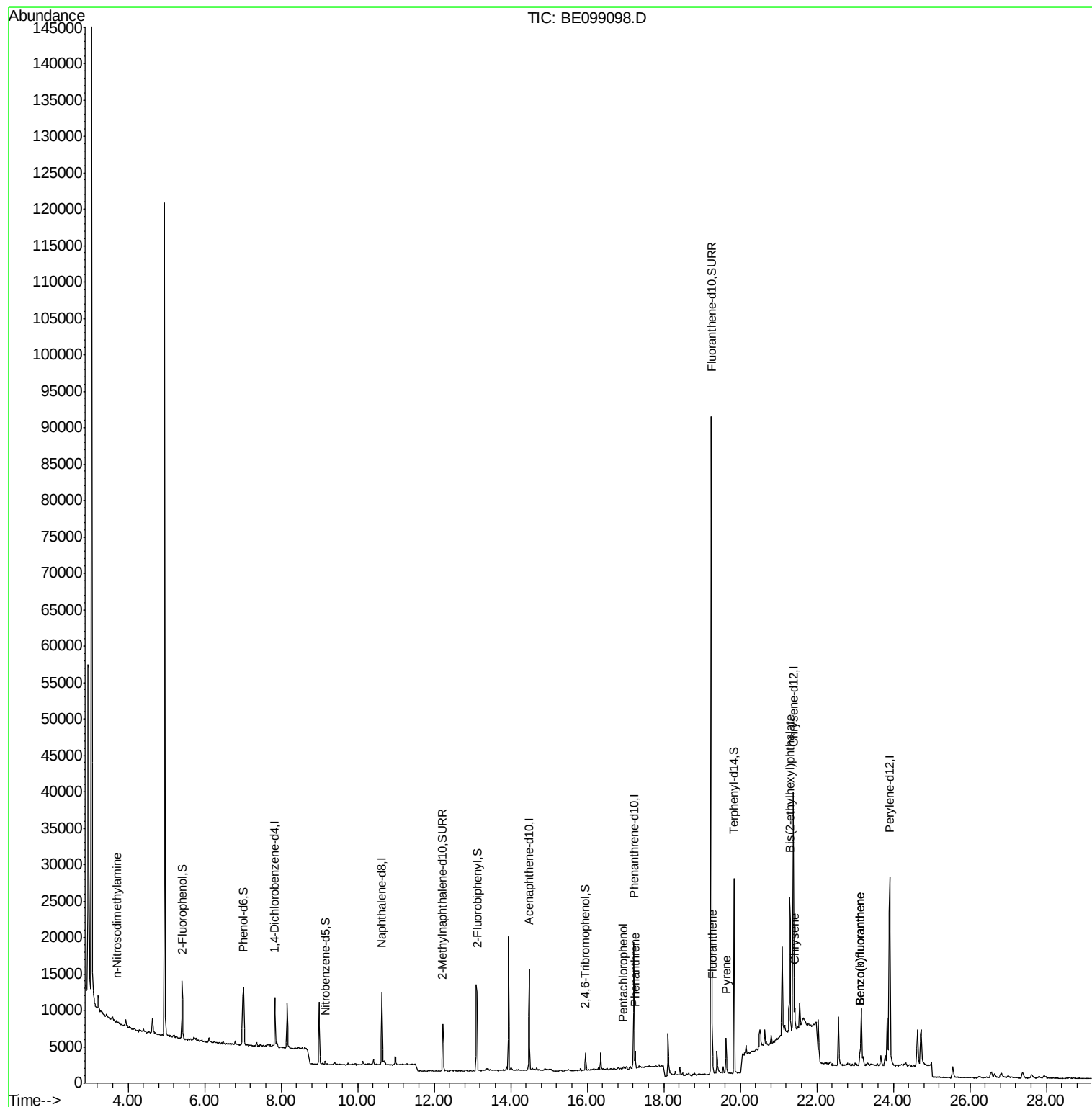
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.70	42	127	0.049	ng	# 1
22) Pentachlorophenol	16.95	266	14	0.254	ng	90
23) Phenanthrene	17.25	178	2312	0.035	ng	98
26) Fluoranthene	19.27	202	4431	0.047	ng	# 90
28) Pyrene	19.63	202	4349	0.038	ng	# 95
31) Chrysene	21.43	228	2773	0.023	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.29	149	29309	0.188	ng	99
35) Benzo(b)fluoranthene	23.13	252	3485	0.026	ng	# 46
36) Benzo(k)fluoranthene	23.13	252	3485	0.027	ng	# 49

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

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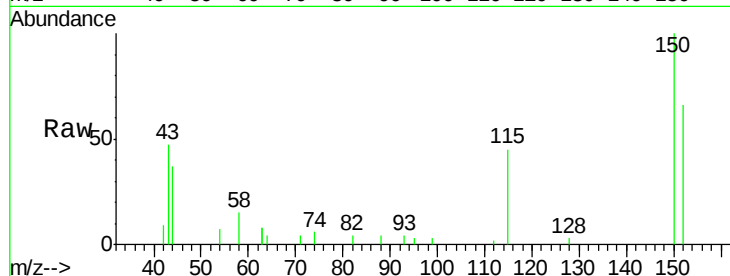


#1

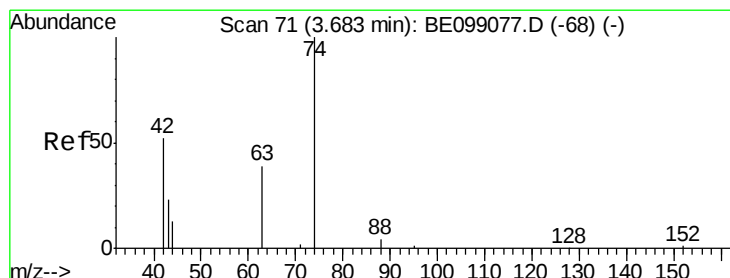
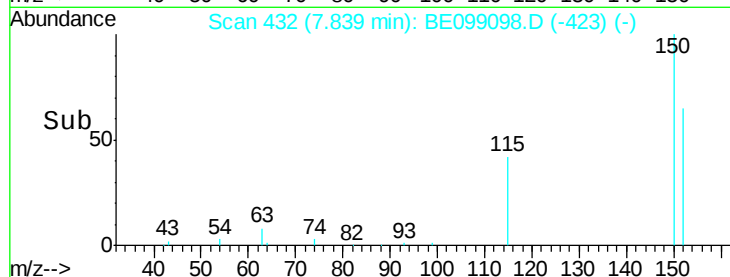
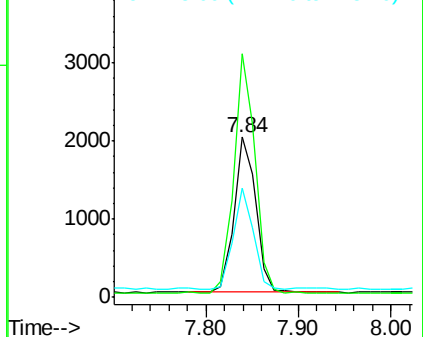
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099098.D
Acq: 23 Mar 2019 2:25

Instrument :
BNA_E
ClientSampleId :
PST-025-B129-031319

Tgt Ion: 152 Resp: 3235
Ion Ratio Lower Upper
152 100
150 152.1 122.5 183.7
115 68.6 57.4 86.2



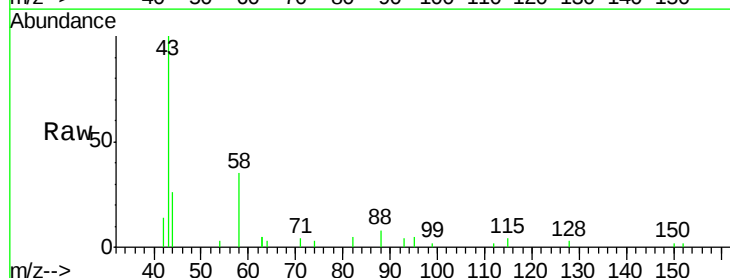
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



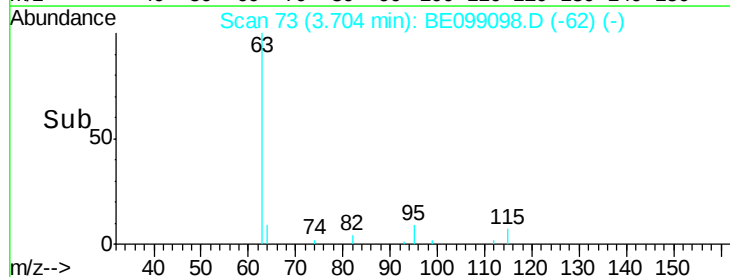
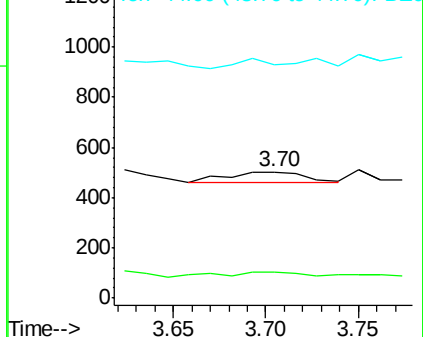
#3

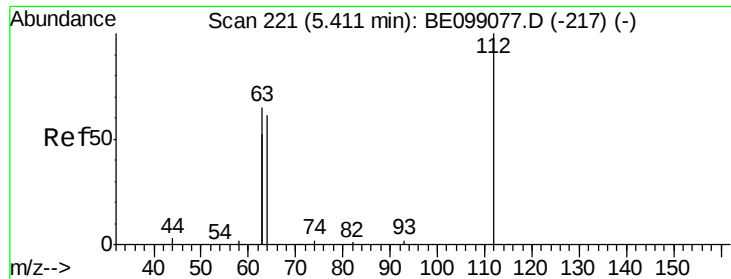
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.02 min
Lab File: BE099098.D
Acq: 23 Mar 2019 2:25

Tgt Ion: 42 Resp: 127
Ion Ratio Lower Upper
42 100
74 44.9 160.0 240.0#
44 55.9 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.448 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.01 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

Instrument :

BNA_E

ClientSampleId :

PST-025-B129-031319

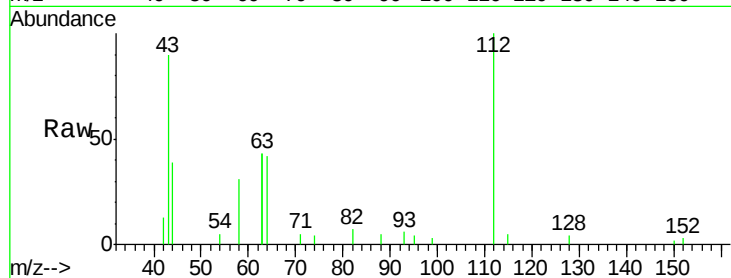
Tgt Ion: 112 Resp: 4315

Ion Ratio Lower Upper

112 100

64 59.4 57.9 86.9

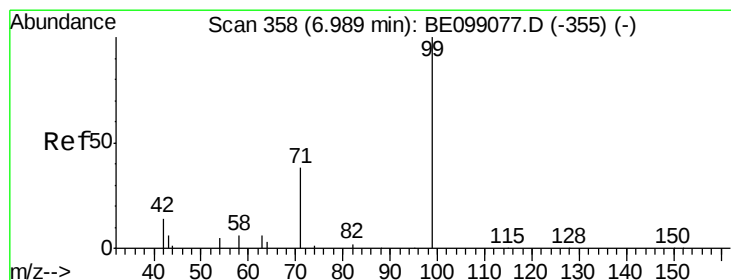
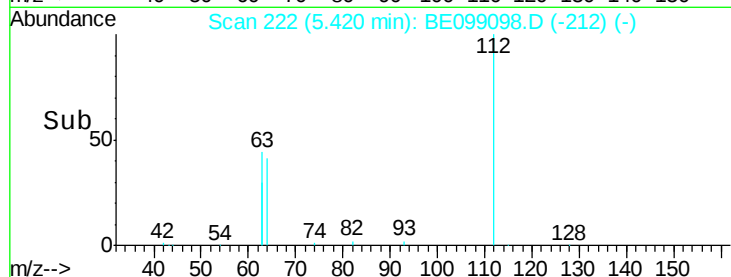
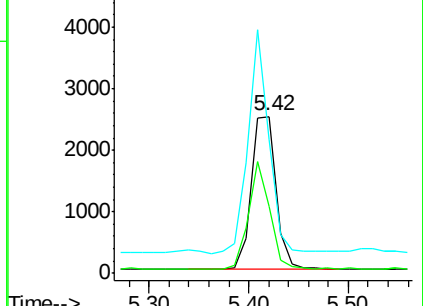
63 121.1 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE099077.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE099077.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE099077.D (-217) (-)



#5

Phenol-d6

Concen: 0.433 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

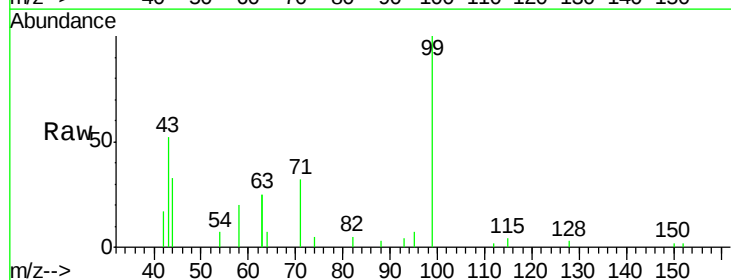
Tgt Ion: 99 Resp: 6011

Ion Ratio Lower Upper

99 100

42 17.3 24.2 36.2#

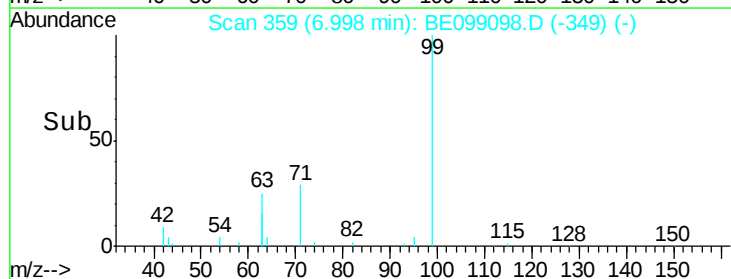
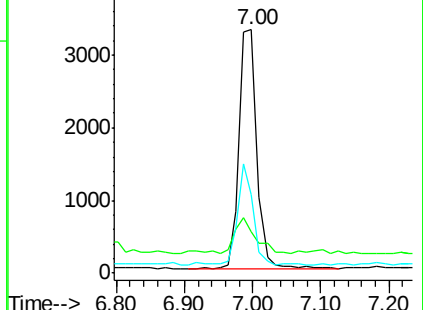
71 37.4 35.7 53.5

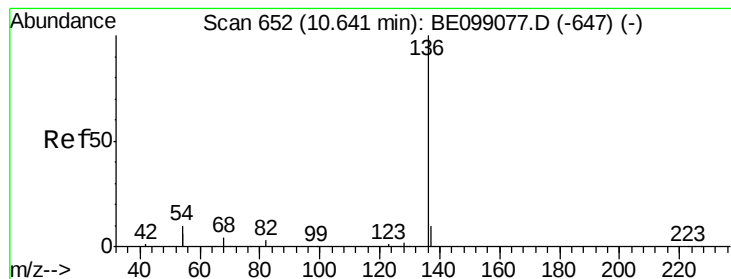


Abundance Ion 99.00 (98.70 to 99.70): BE099077.D (-355) (-)

Ion 42.00 (41.70 to 42.70): BE099077.D (-355) (-)

Ion 71.00 (70.70 to 71.70): BE099077.D (-355) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

Instrument :

BNA_E

ClientSampleId :

PST-025-B129-031319

Tgt Ion: 136 Resp: 12485

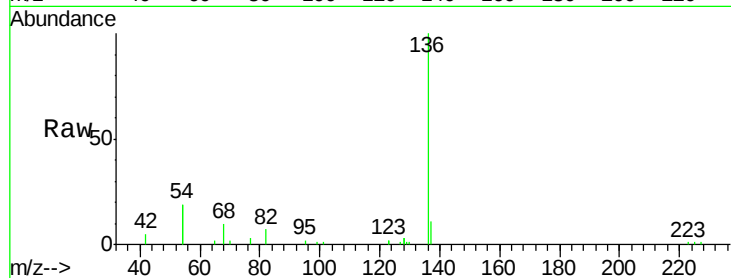
Ion Ratio Lower Upper

136 100

137 11.3 11.4 17.0#

54 37.9 39.3 58.9#

68 9.8 6.7 10.1

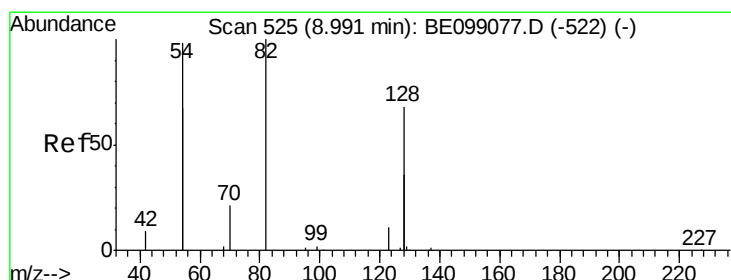
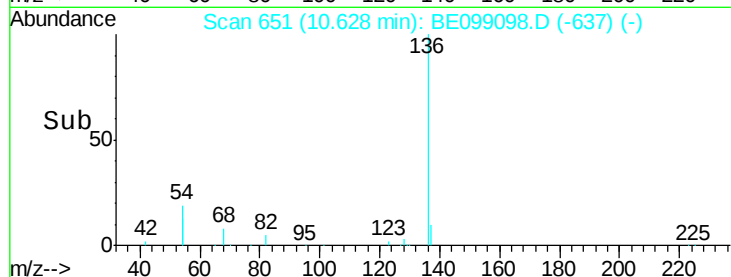
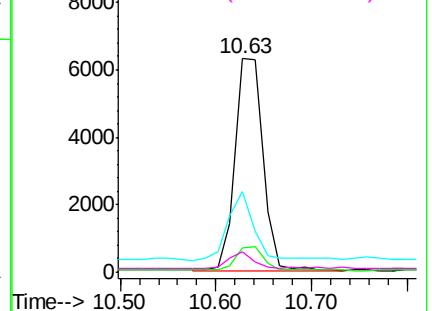


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.039 ng

RT: 9.15 min Scan# 537

Delta R.T. 0.16 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

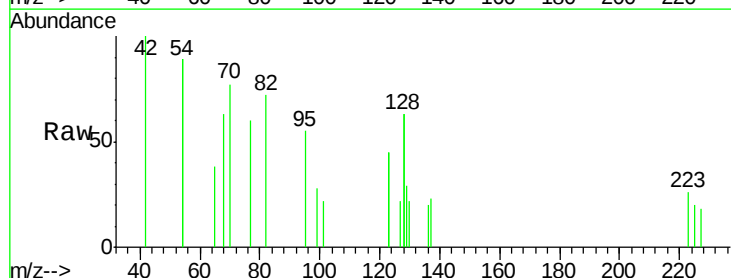
Tgt Ion: 82 Resp: 214

Ion Ratio Lower Upper

82 100

128 173.5 123.8 185.8

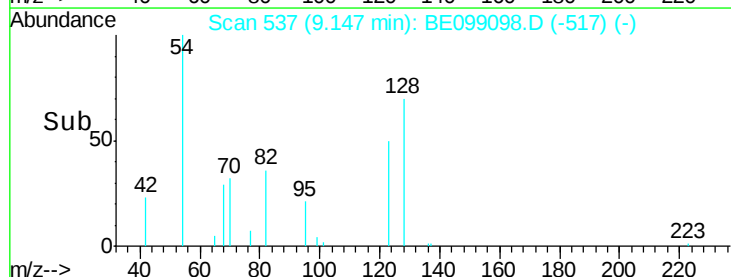
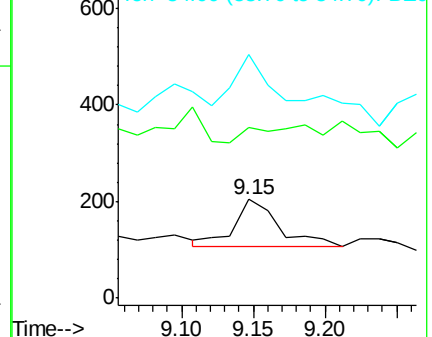
54 247.1 203.4 305.2

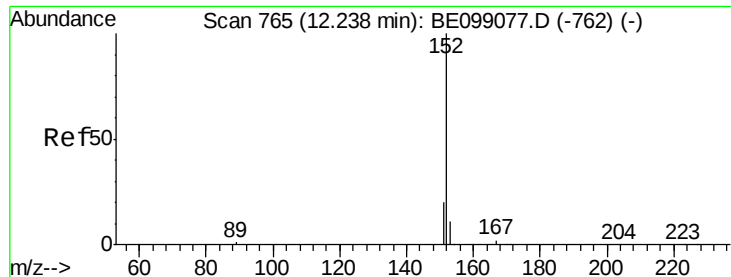


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

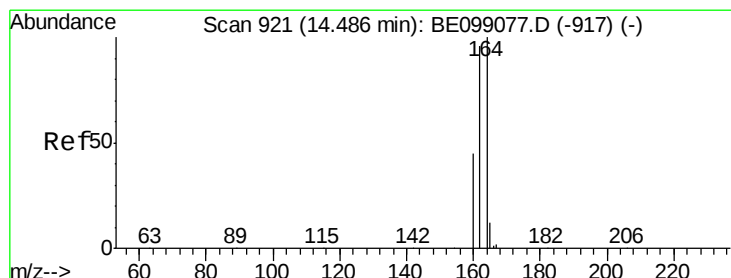
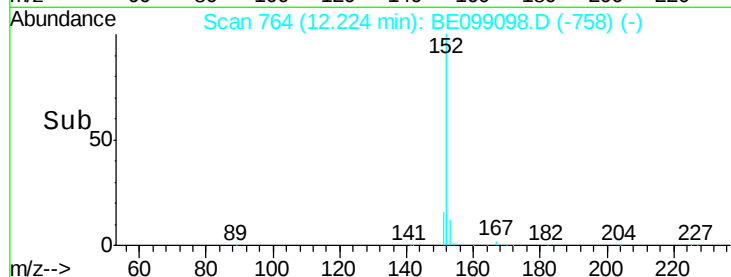
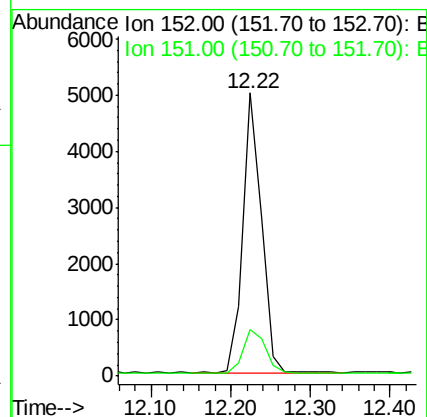
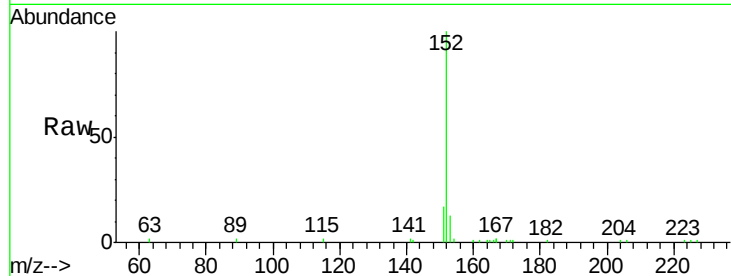




#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

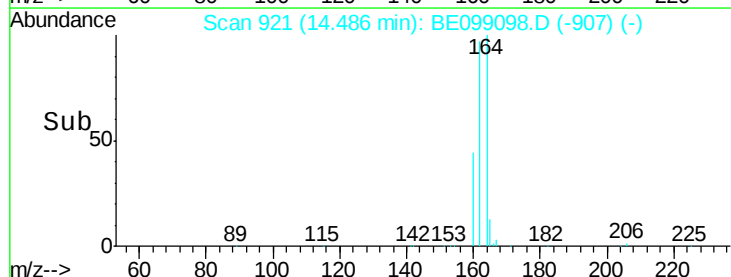
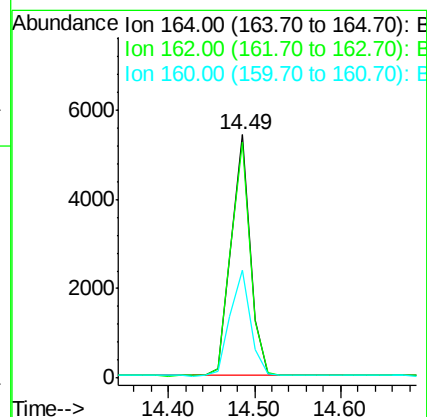
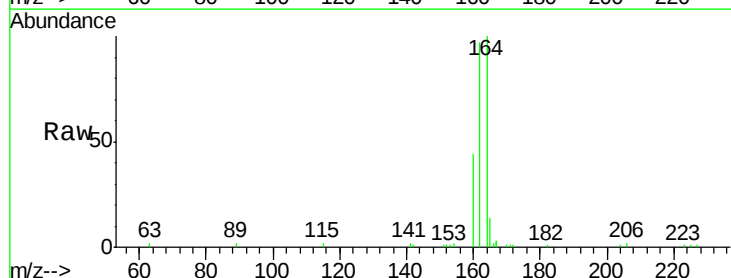
Instrument :
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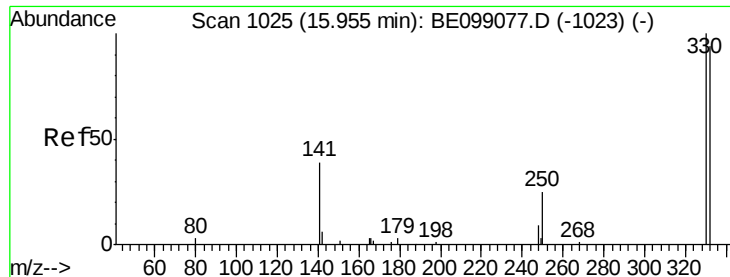
Tgt Ion:152 Resp: 8067
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

Tgt Ion:164 Resp: 8209
 Ion Ratio Lower Upper
 164 100
 162 97.0 80.2 120.2
 160 44.3 37.8 56.8

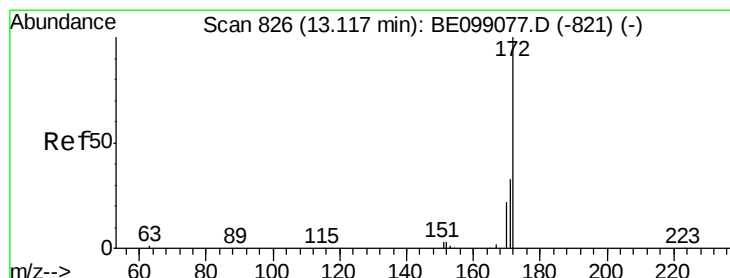
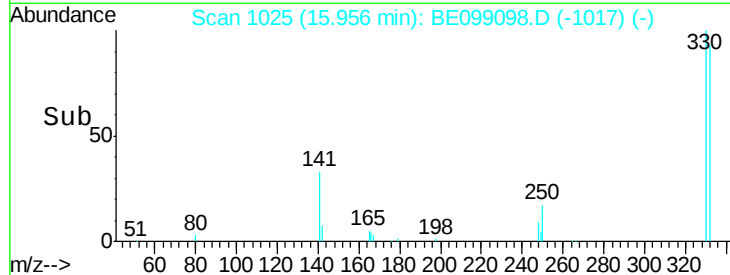
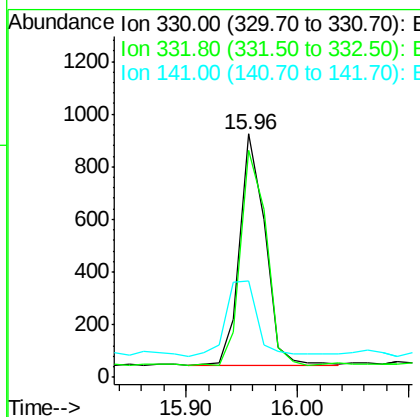
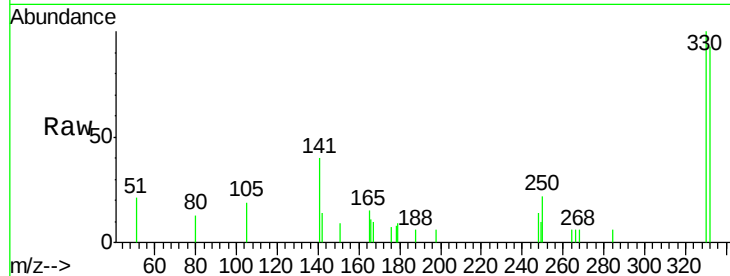




#14
 2,4,6-Tribromophenol
 Concen: 0.572 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

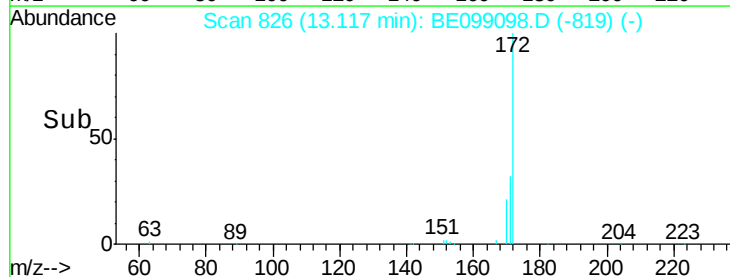
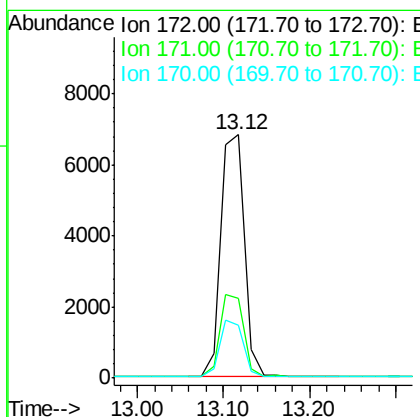
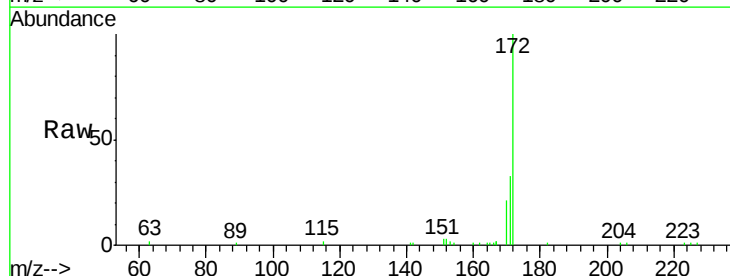
Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B129-031319

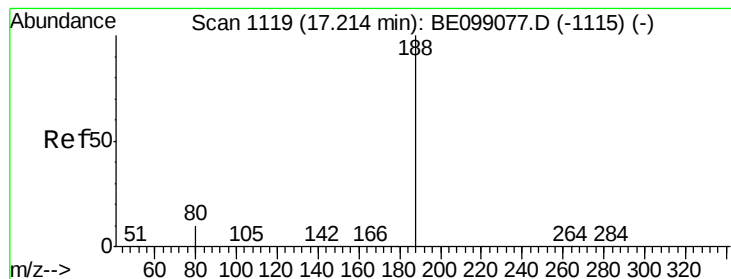
Tgt Ion: 330 Resp: 1381
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.6 116.4
 141 42.1 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.391 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

Tgt Ion: 172 Resp: 12779
 Ion Ratio Lower Upper
 172 100
 171 32.6 28.0 42.0
 170 21.5 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

Instrument :

BNA_E

ClientSampleId :

PST-025-B129-031319

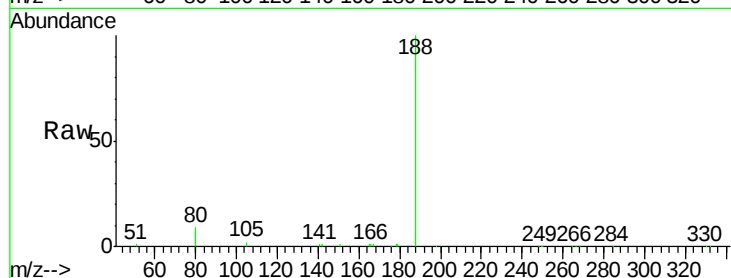
Tgt Ion:188 Resp: 22406

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

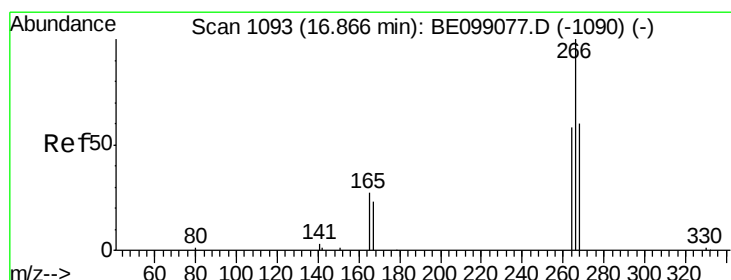
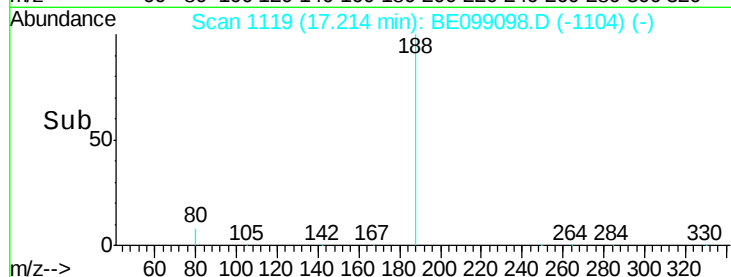
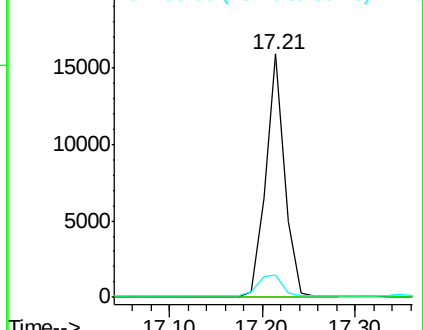
80 8.9 6.3 9.5



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: 0.254 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.08 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

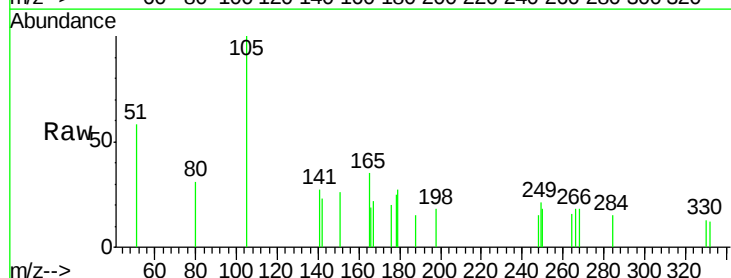
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 89.6 66.6 100.0

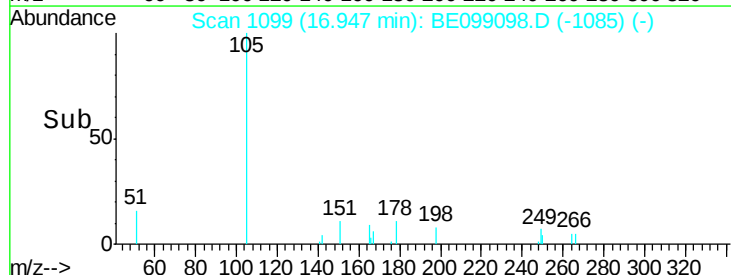
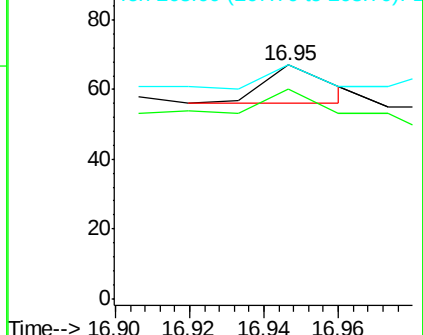
268 100.0 69.8 104.8

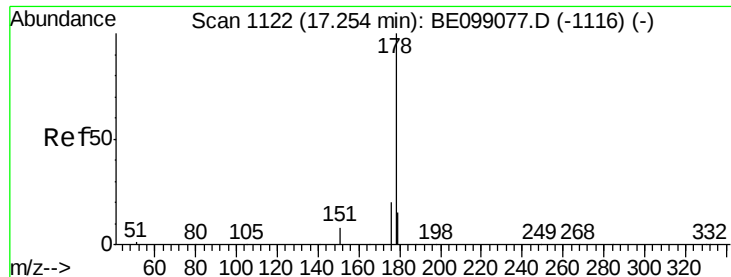


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.035 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

Instrument :

BNA_E

ClientSampleId :

PST-025-B129-031319

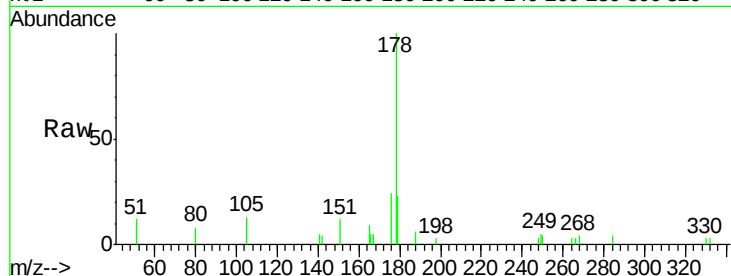
Tgt Ion:178 Resp: 2312

Ion Ratio Lower Upper

178 100

176 20.9 16.0 24.0

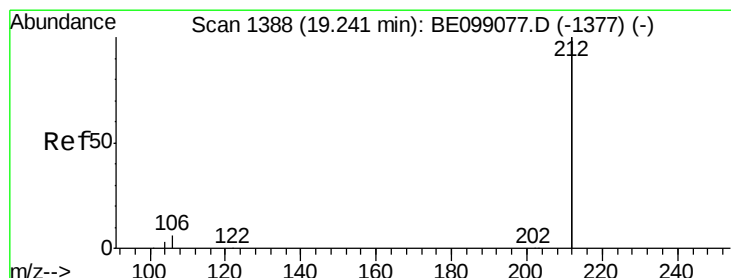
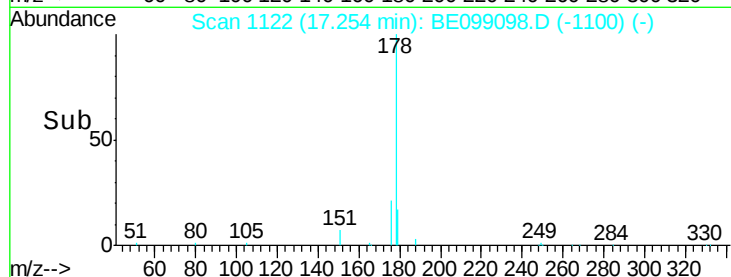
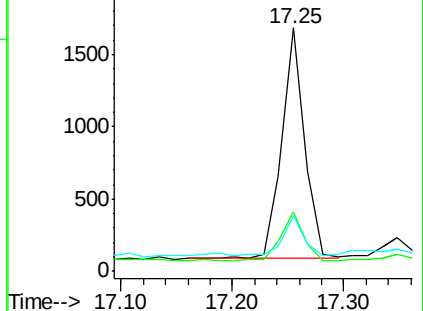
179 15.9 12.1 18.1



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: 0.379 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

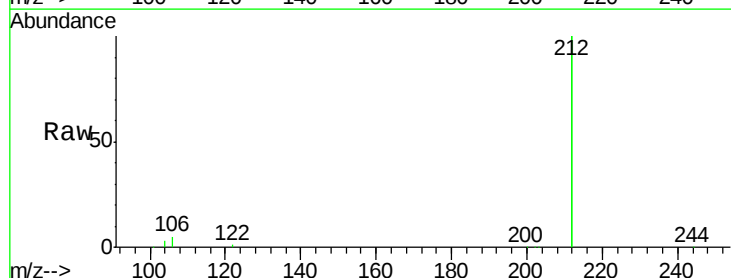
Tgt Ion:212 Resp: 113307

Ion Ratio Lower Upper

212 100

106 2.8 1.8 2.8#

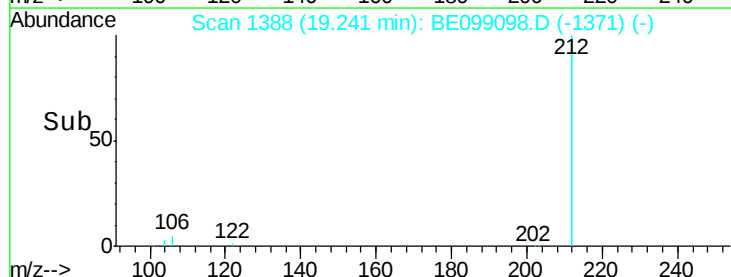
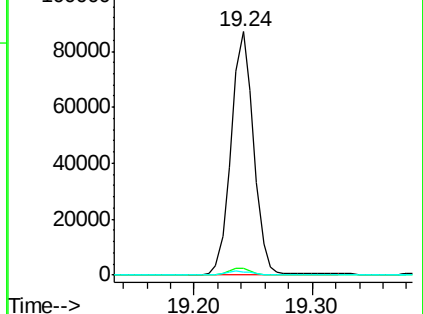
104 1.6 1.0 1.6#

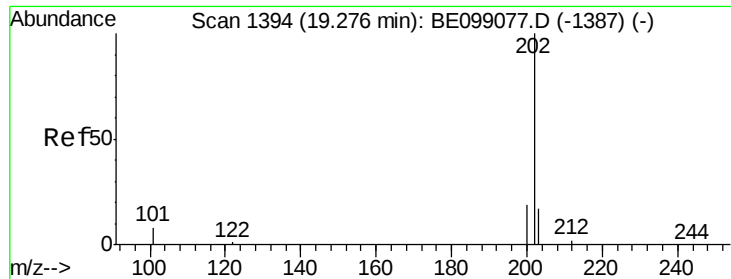


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

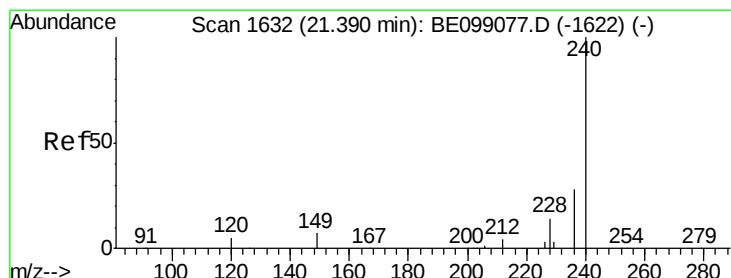
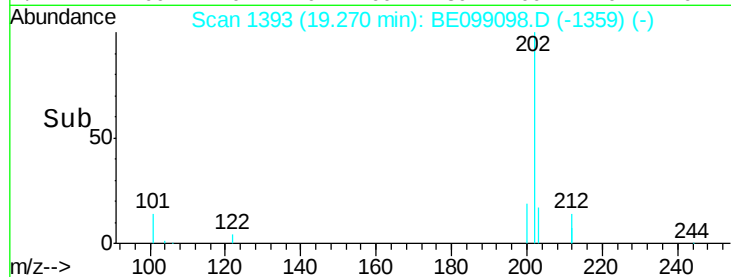
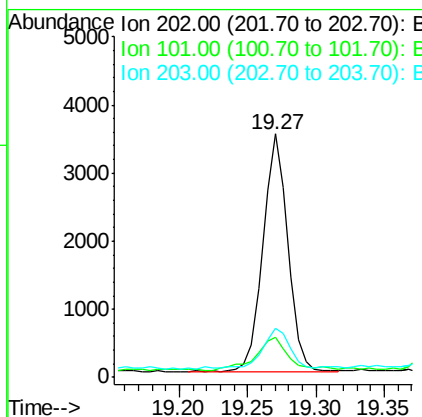
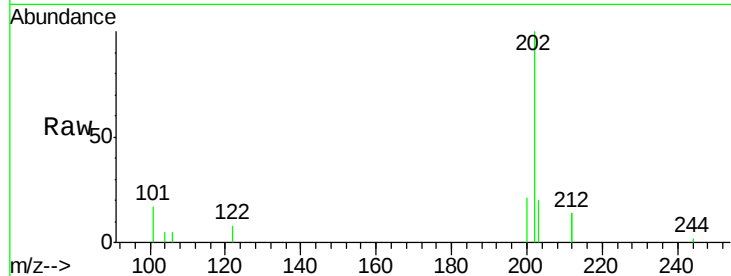




#26
 Fluoranthene
 Concen: 0.047 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

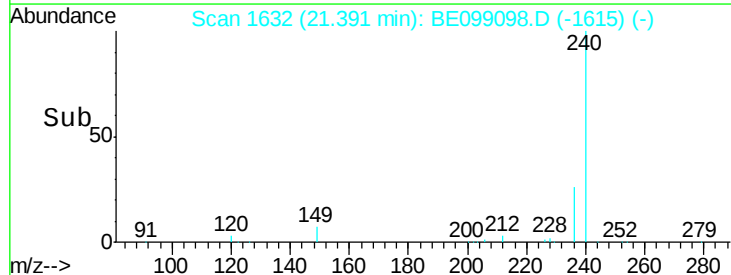
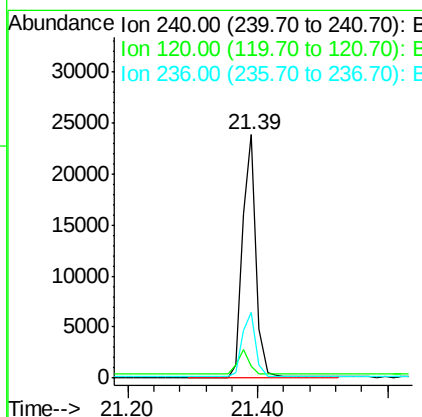
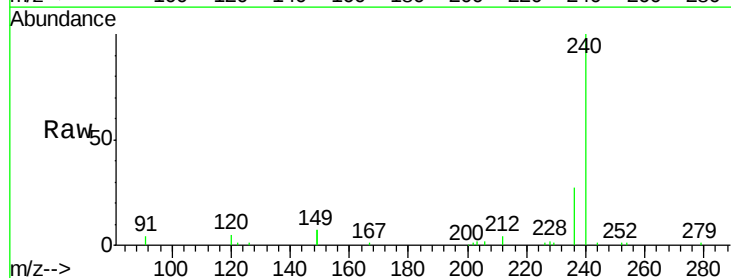
Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B129-031319

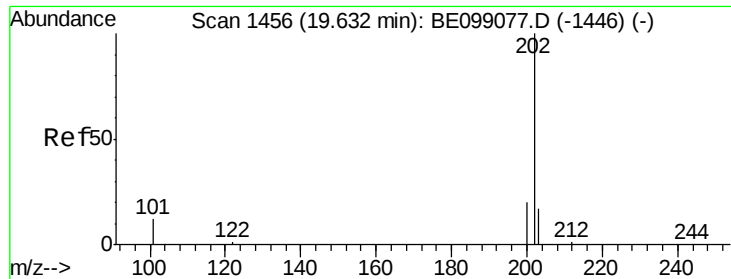
Tgt Ion: 202 Resp: 4431
 Ion Ratio Lower Upper
 202 100
 101 18.6 7.3 10.9#
 203 17.6 13.4 20.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

Tgt Ion: 240 Resp: 34031
 Ion Ratio Lower Upper
 240 100
 120 4.9 5.0 7.4#
 236 26.9 22.7 34.1

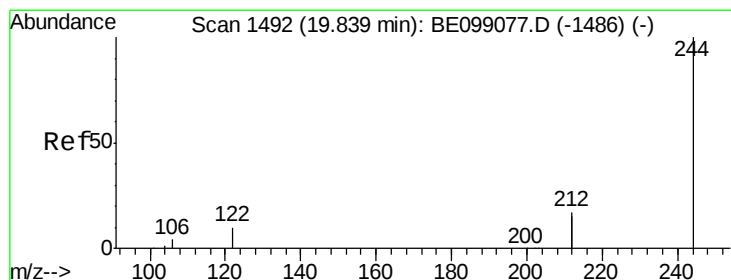
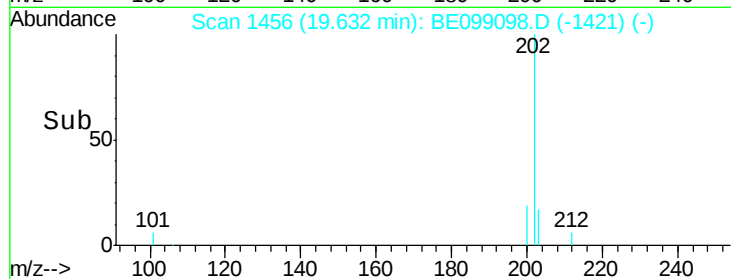
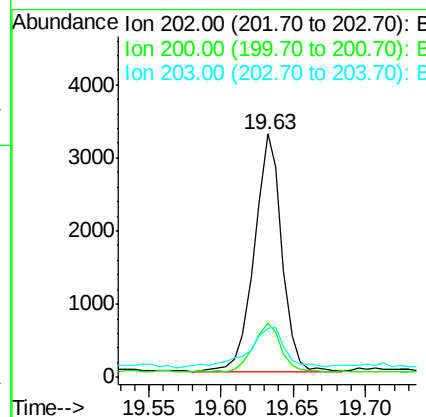
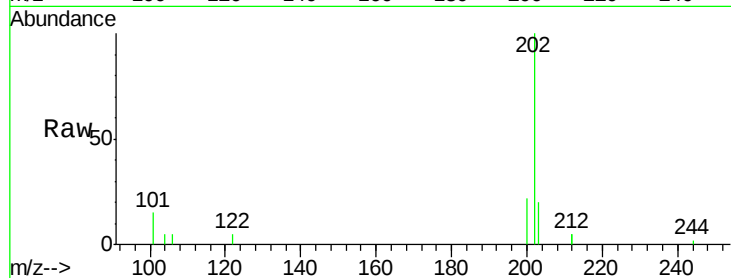




#28
 Pyrene
 Concen: 0.038 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

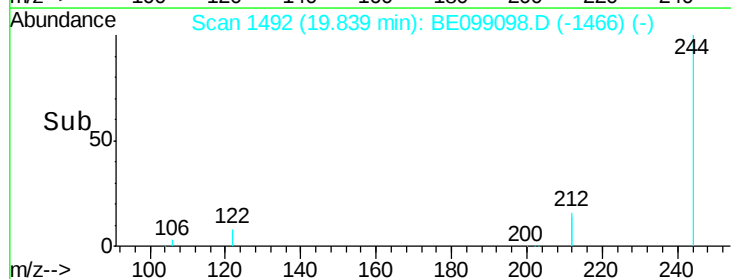
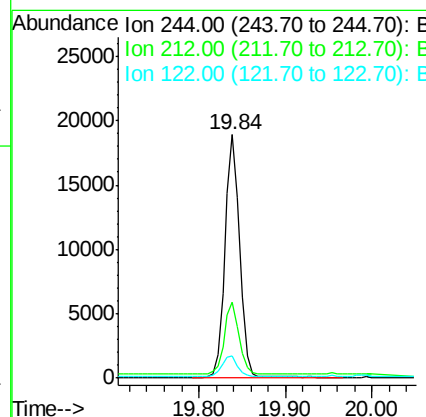
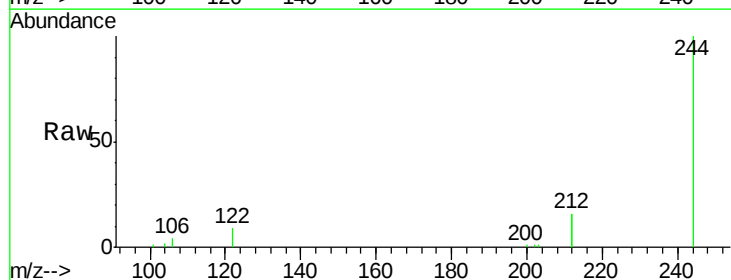
Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B129-031319

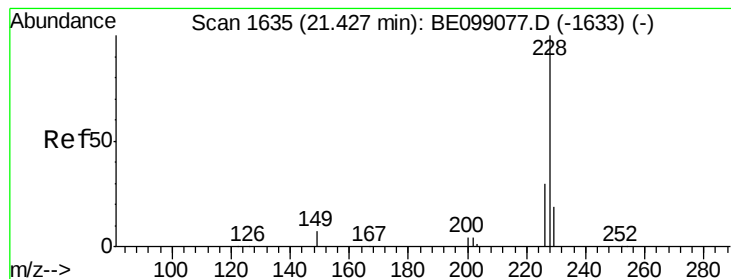
Tgt Ion: 202 Resp: 4349
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.0 25.6
 203 22.1 14.2 21.2#



#29
 Terphenyl-d14
 Concen: 0.309 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

Tgt Ion: 244 Resp: 22246
 Ion Ratio Lower Upper
 244 100
 212 31.0 29.4 44.2
 122 8.9 7.1 10.7





#31

Chrysene

Concen: 0.023 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

Instrument :

BNA_E

ClientSampleId :

PST-025-B129-031319

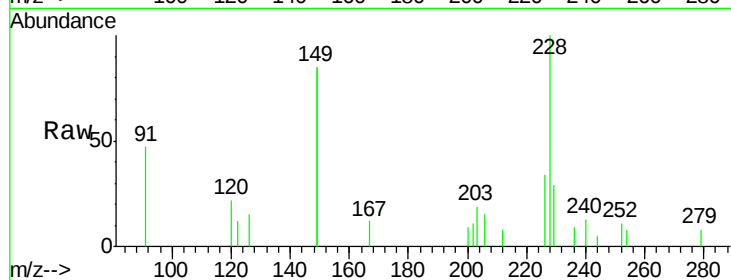
Tgt Ion: 228 Resp: 2773

Ion Ratio Lower Upper

228 100

226 34.2 23.7 35.5

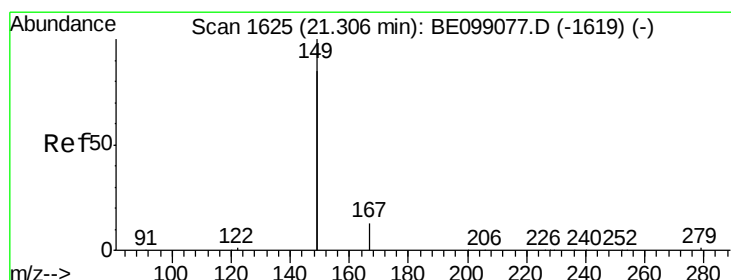
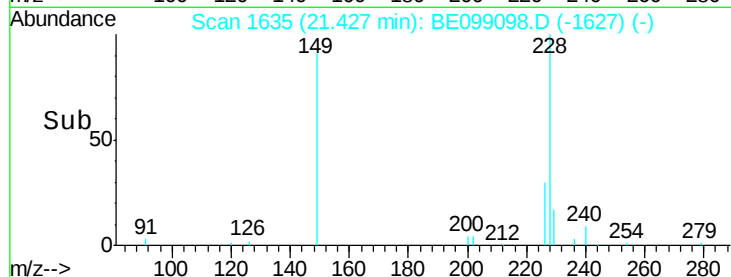
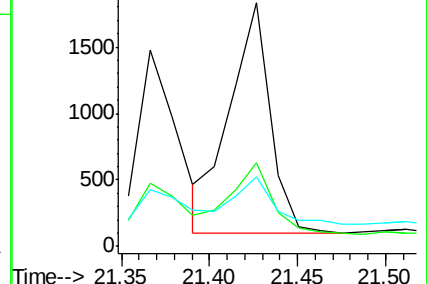
229 28.7 16.1 24.1#



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: 0.188 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

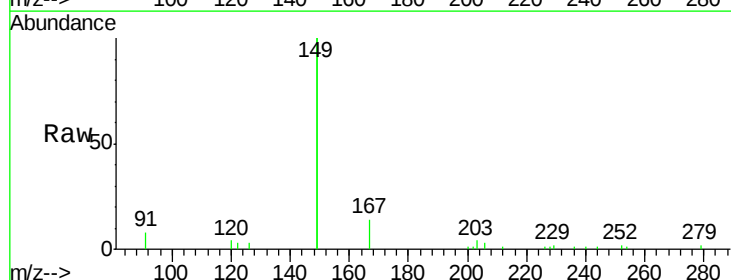
Tgt Ion: 149 Resp: 29309

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

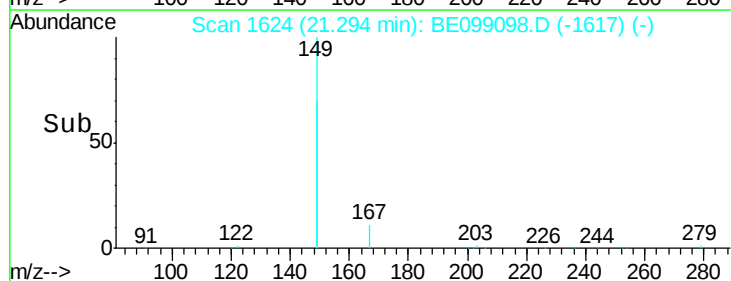
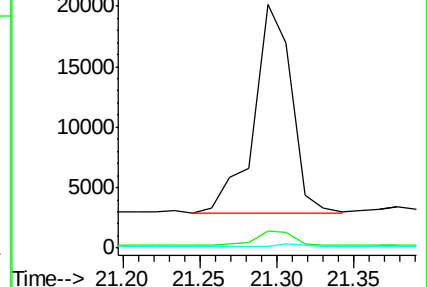
279 1.0 1.0 1.4

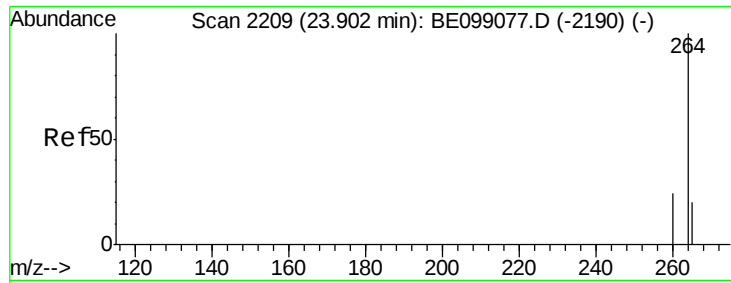


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

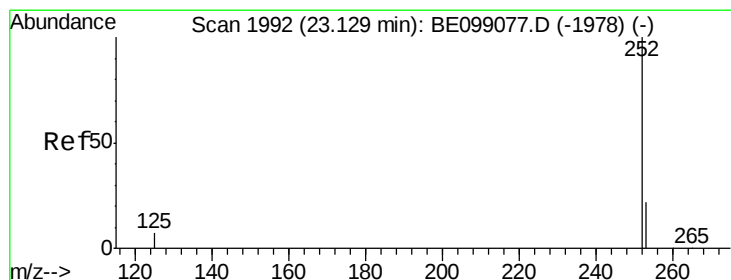
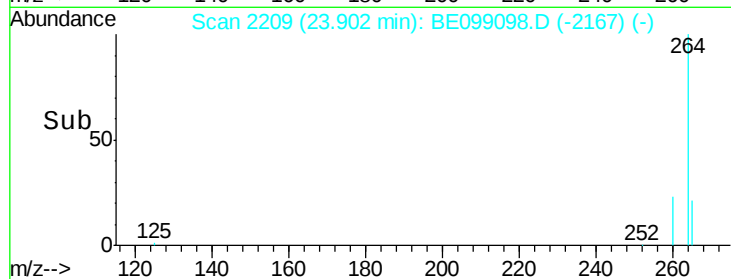
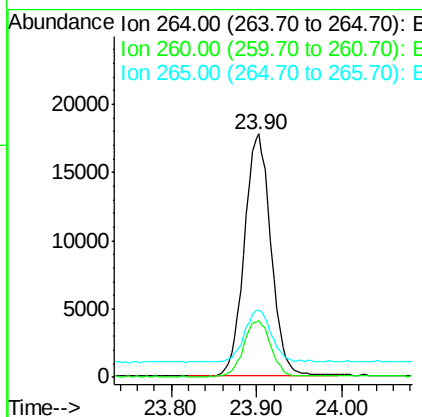
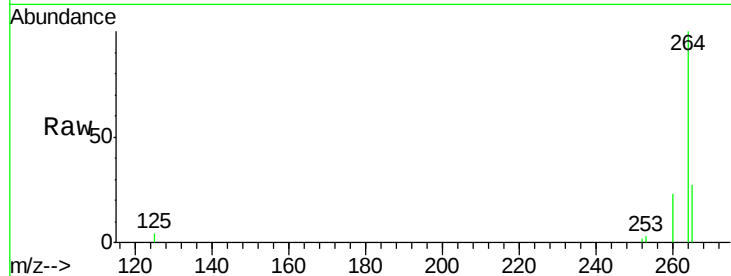




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

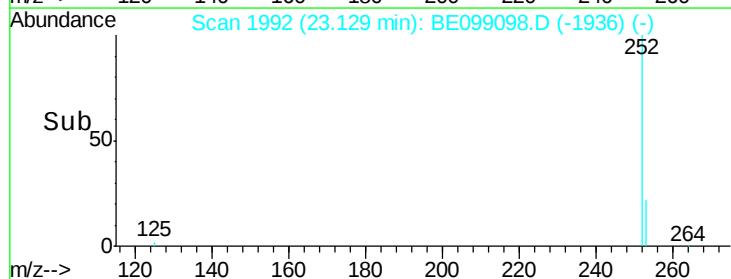
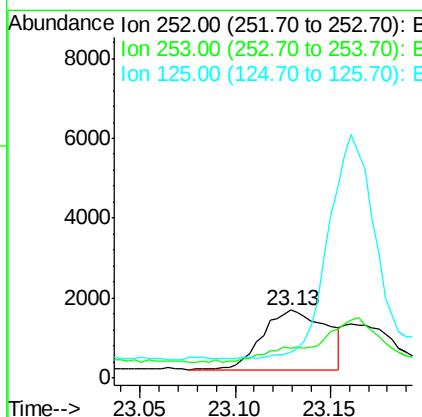
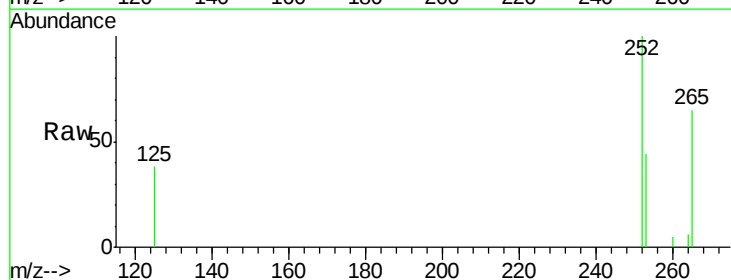
Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B129-031319

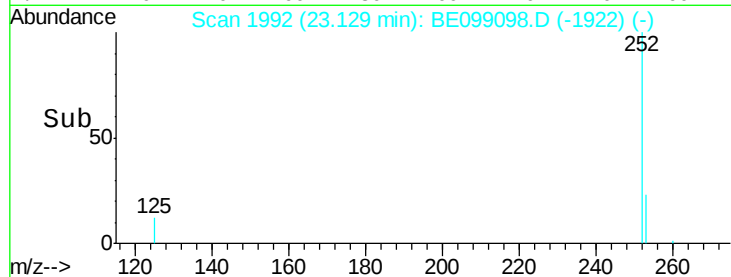
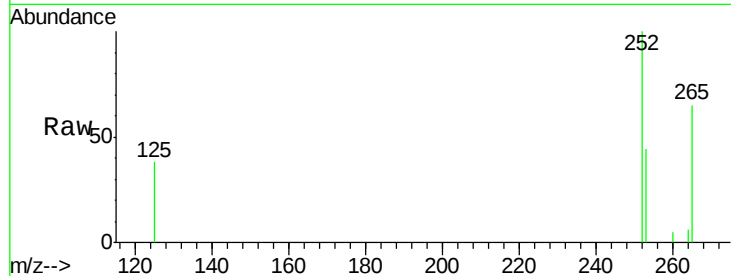
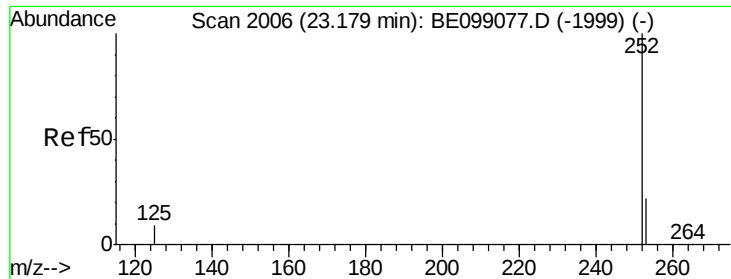
Tgt Ion: 264 Resp: 38471
 Ion Ratio Lower Upper
 264 100
 260 23.4 21.2 31.8
 265 27.5 24.6 36.8



#35
 Benzo(b)fluoranthene
 Concen: 0.026 ng
 RT: 23.13 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: BE099098.D
 Acq: 23 Mar 2019 2:25

Tgt Ion: 252 Resp: 3485
 Ion Ratio Lower Upper
 252 100
 253 43.6 18.2 27.2#
 125 38.4 7.3 10.9#





#36

Benzo(k)fluoranthene

Concen: 0.027 ng

RT: 23.13 min Scan# 1992

Delta R.T. -0.05 min

Lab File: BE099098.D

Acq: 23 Mar 2019 2:25

Instrument :

BNA_E

ClientSampleId :

PST-025-B129-031319

Tgt Ion: 252 Resp: 3485

Ion Ratio Lower Upper

252 100

253 43.6 19.3 28.9#

125 38.4 7.5 11.3#

