

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099093.D
 Acq On : 22 Mar 2019 23:16
 Operator : JU/SJ
 Sample : K1947-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B100-031219

Quant Time: Mar 23 01:16:12 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	3248	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12380	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	7931	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	21991	0.40	ng	0.00
27) Chrysene-d12	21.39	240	32319	0.40	ng	0.00
34) Perylene-d12	23.90	264	38067	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	4393	0.45	ng	0.00
5) Phenol-d6	7.00	99	6172	0.44	ng	0.00
8) Nitrobenzene-d5	9.16	82	309	0.06	ng	0.17
11) 2-Methylnaphthalene-d10	12.22	152	8438	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1350	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	12603	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	105829	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	18689	0.27	ng	0.00

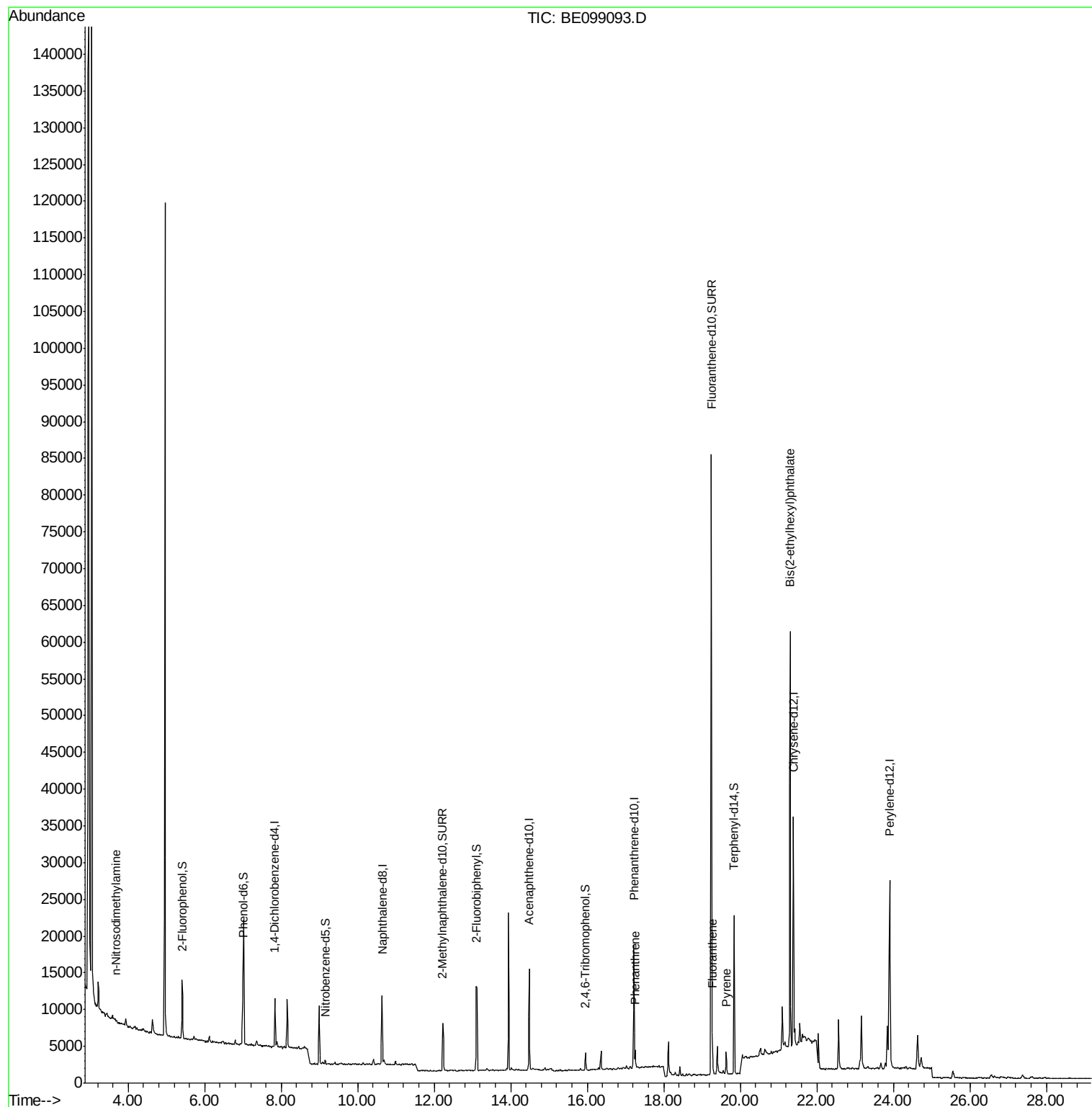
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.69	42	95	0.037	ng	# 1
23) Phenanthrene	17.26	178	2486	0.038	ng	# 92
26) Fluoranthene	19.27	202	2743	0.030	ng	# 82
28) Pyrene	19.63	202	2844	0.026	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.31	149	67394	0.456	ng	98

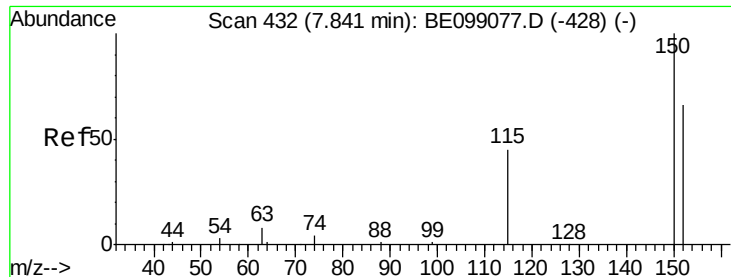
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099093.D
Acq On : 22 Mar 2019 23:16
Operator : JU/SJ
Sample : K1947-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-028-B100-031219

Quant Time: Mar 23 01:16:12 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



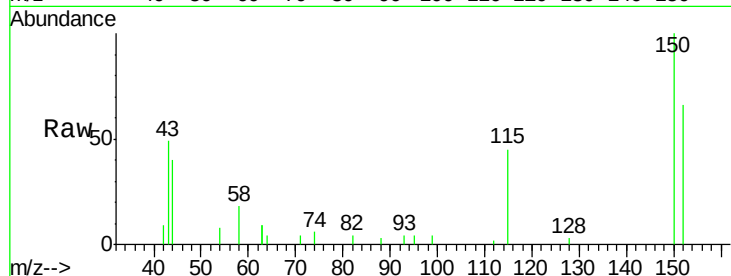


#1

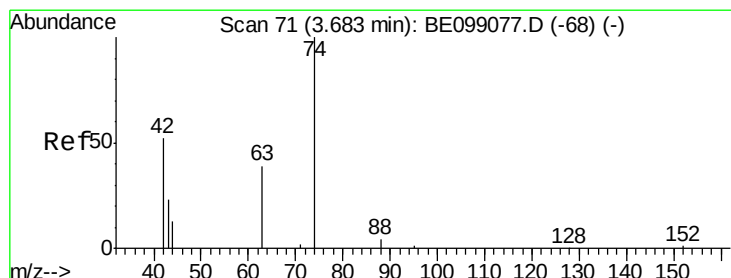
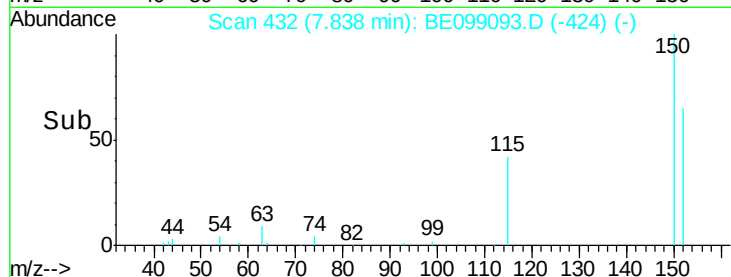
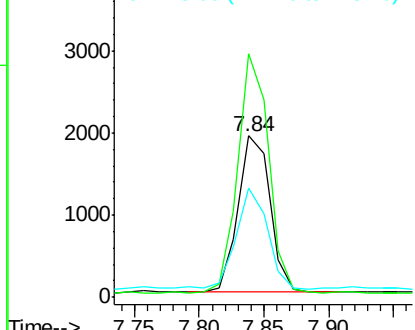
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

Instrument :
BNA_E
ClientSampleId :
PST-028-B100-031219

Tgt Ion: 152 Resp: 3248
Ion Ratio Lower Upper
152 100
150 151.0 122.5 183.7
115 67.9 57.4 86.2



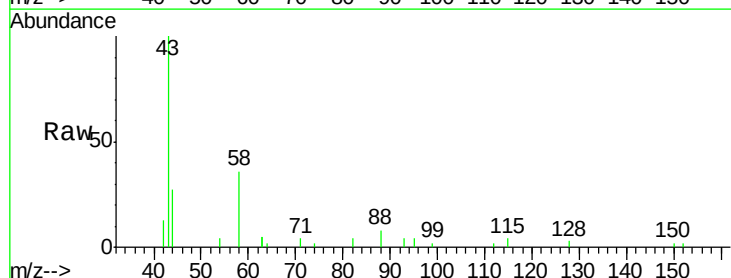
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



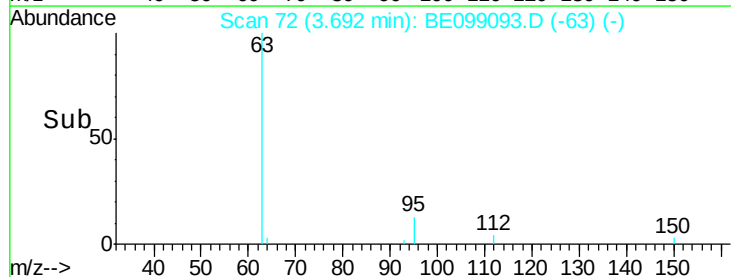
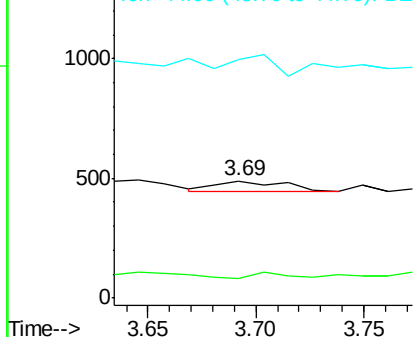
#3

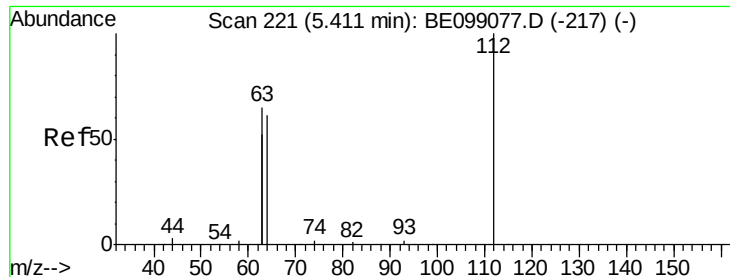
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE099093.D
Acq: 22 Mar 2019 23:16

Tgt Ion: 42 Resp: 95
Ion Ratio Lower Upper
42 100
74 27.4 160.0 240.0#
44 0.0 0.0 0.0



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





#4

2-Fluorophenol

Concen: 0.454 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.01 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

ClientSampleId :

PST-028-B100-031219

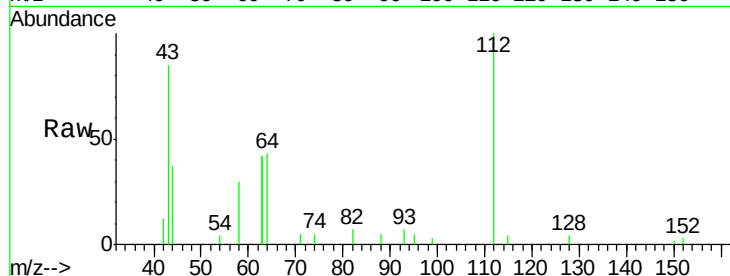
Tgt Ion: 112 Resp: 4393

Ion Ratio Lower Upper

112 100

64 58.5 57.9 86.9

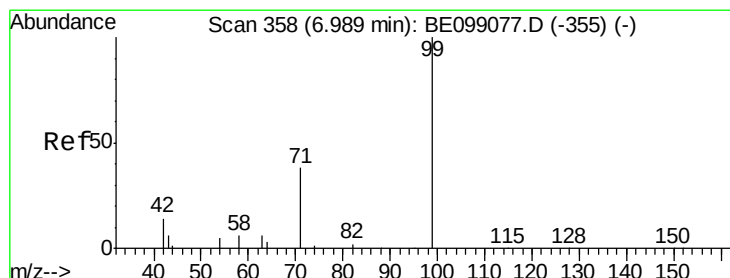
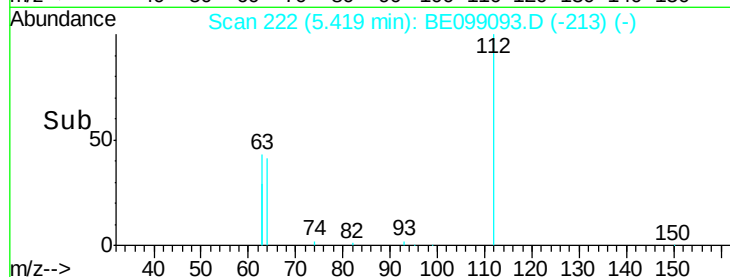
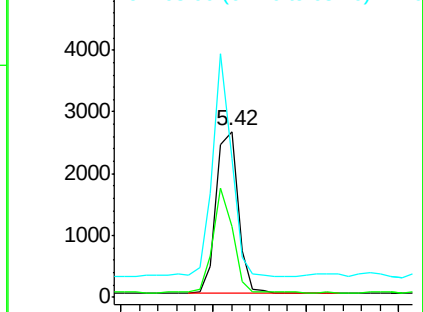
63 118.2 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.443 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

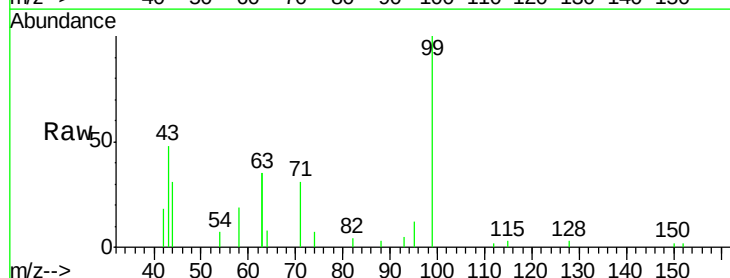
Tgt Ion: 99 Resp: 6172

Ion Ratio Lower Upper

99 100

42 22.5 24.2 36.2#

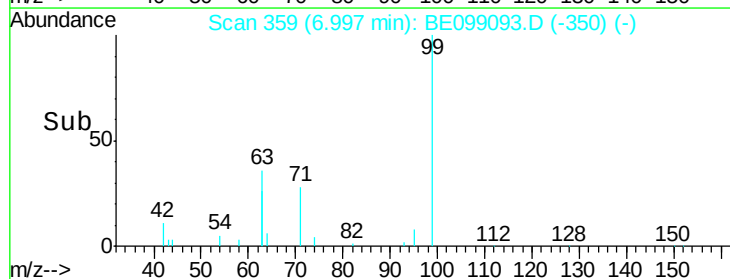
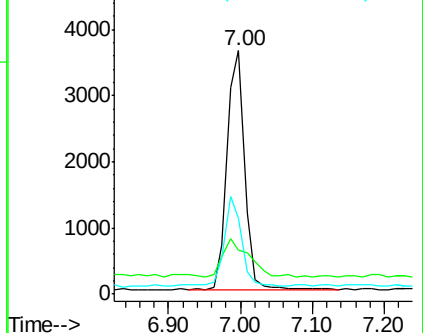
71 35.9 35.7 53.5

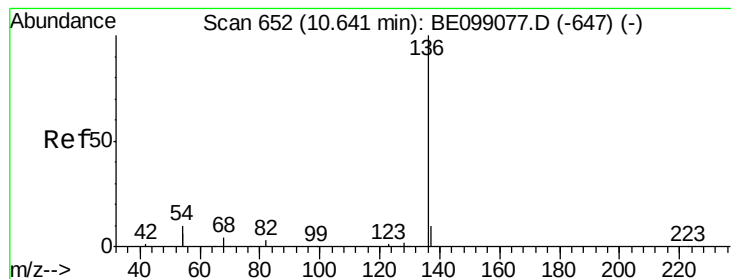


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

ClientSampleId :

PST-028-B100-031219

Tgt Ion: 136 Resp: 12380

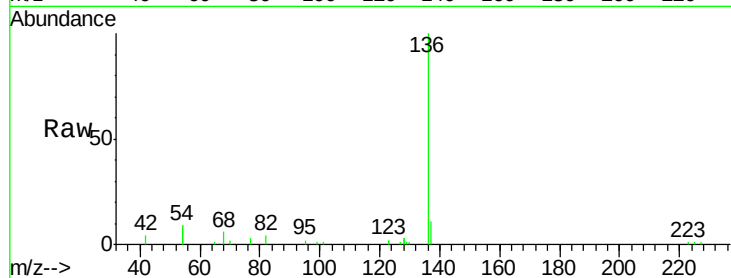
Ion Ratio Lower Upper

136 100

137 11.3 11.4 17.0#

54 18.7 39.3 58.9#

68 5.6 6.7 10.1#

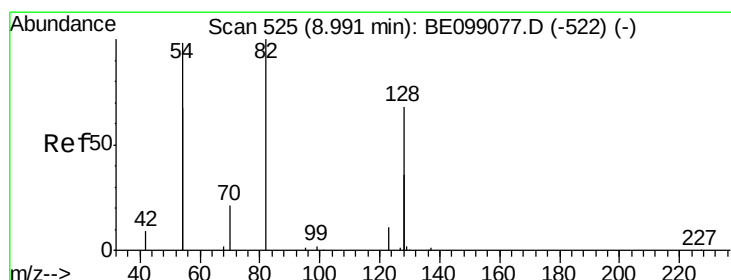
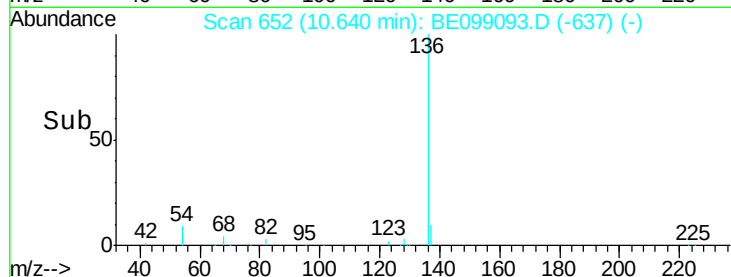
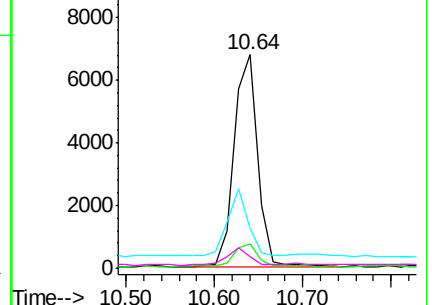


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.057 ng

RT: 9.16 min Scan# 538

Delta R.T. 0.17 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

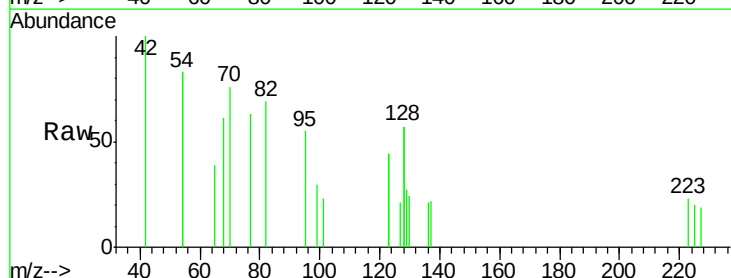
Tgt Ion: 82 Resp: 309

Ion Ratio Lower Upper

82 100

128 163.9 123.8 185.8

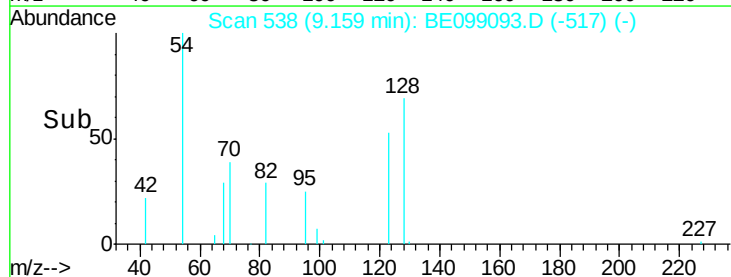
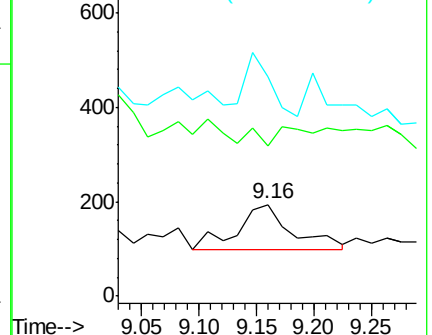
54 239.2 203.4 305.2

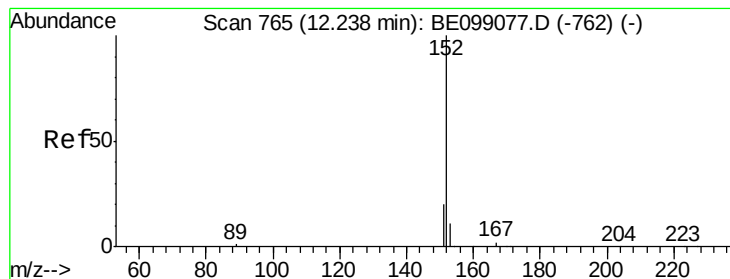


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

ClientSampleId :

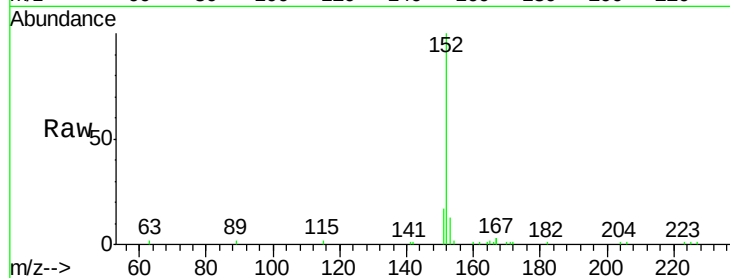
PST-028-B100-031219

Tgt Ion:152 Resp: 8438

Ion Ratio Lower Upper

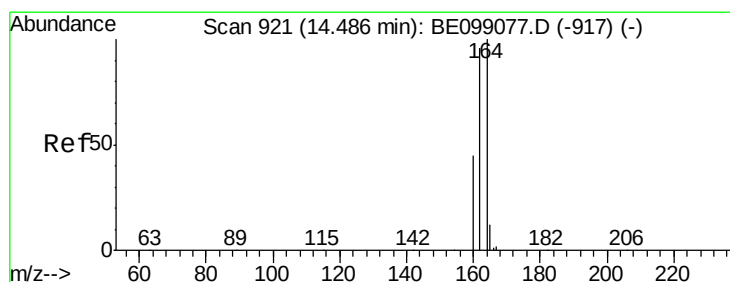
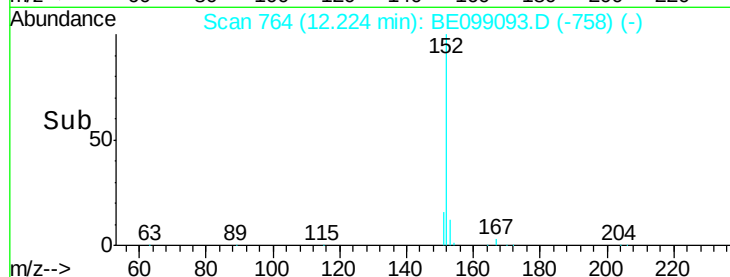
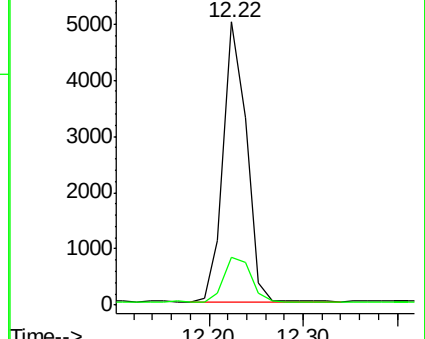
152 100

151 18.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

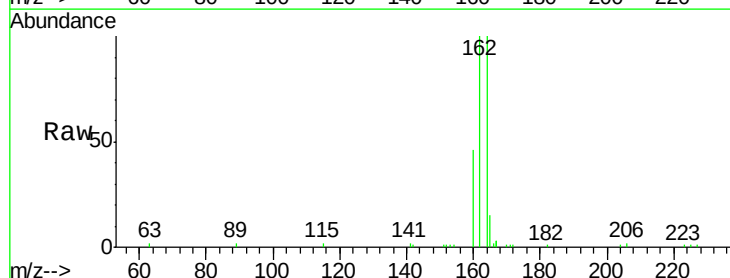
Tgt Ion:164 Resp: 7931

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

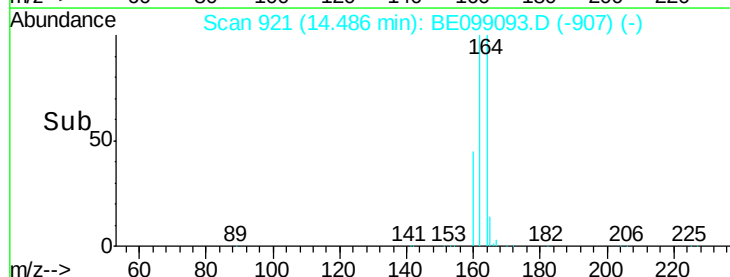
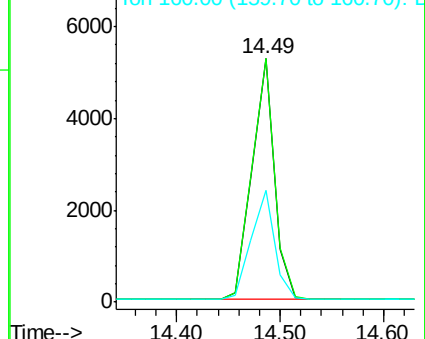
160 46.1 37.8 56.8

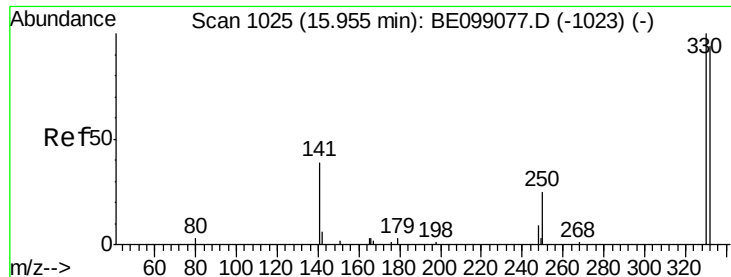


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

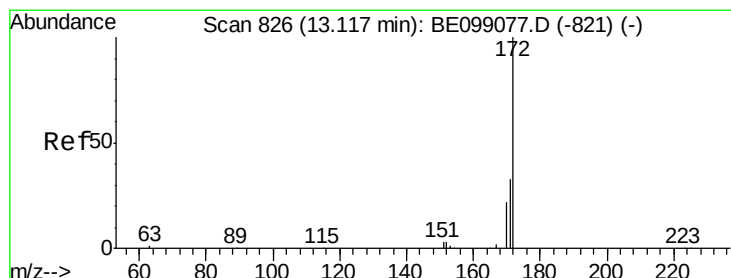
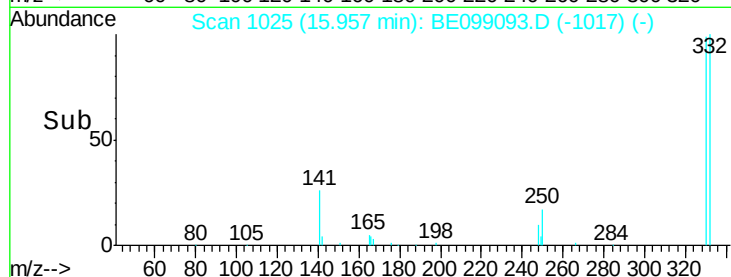
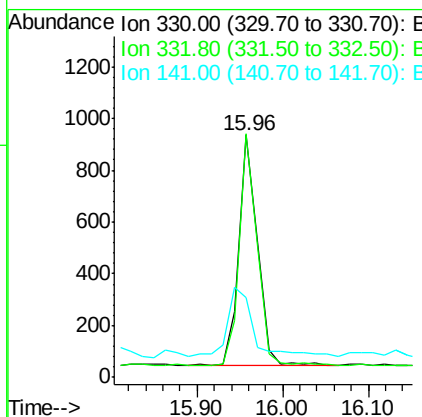
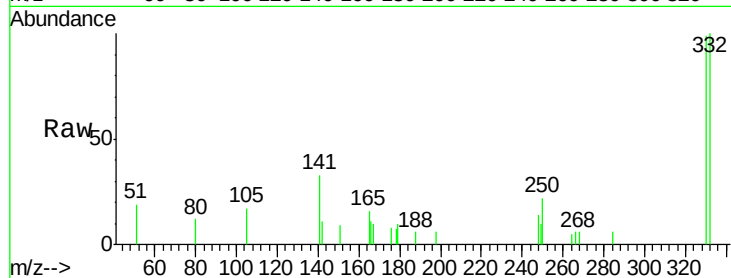




#14
 2,4,6-Tribromophenol
 Concen: 0.579 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099093.D
 Acq: 22 Mar 2019 23:16

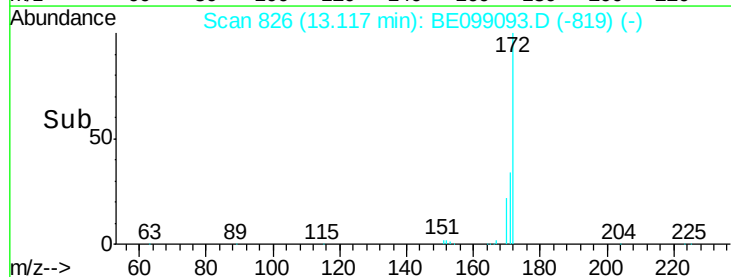
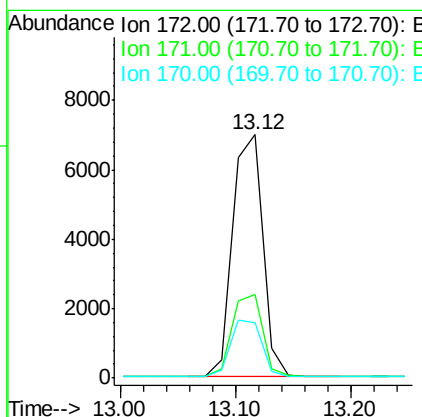
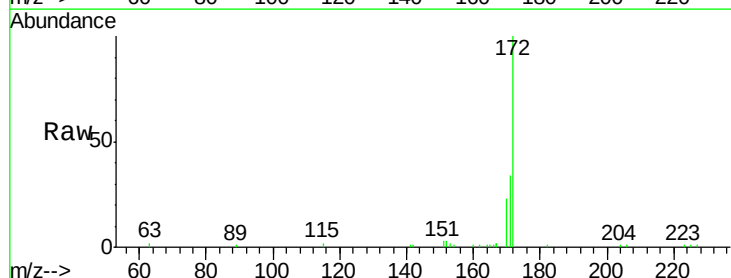
Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B100-031219

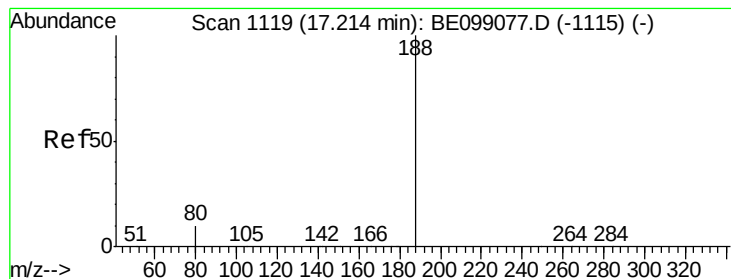
Tgt Ion: 330 Resp: 1350
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 38.7 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.400 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099093.D
 Acq: 22 Mar 2019 23:16

Tgt Ion: 172 Resp: 12603
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.0 42.0
 170 22.8 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

ClientSampleId :

PST-028-B100-031219

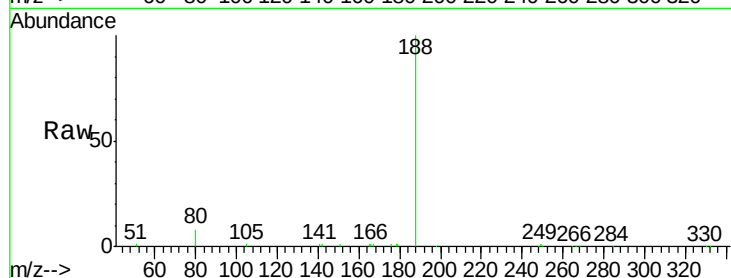
Tgt Ion:188 Resp: 21991

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

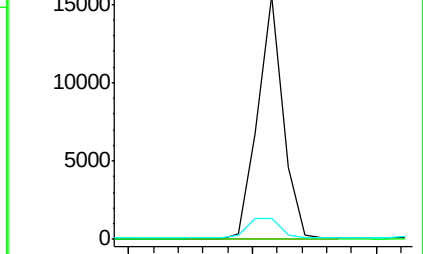
80 8.5 6.3 9.5



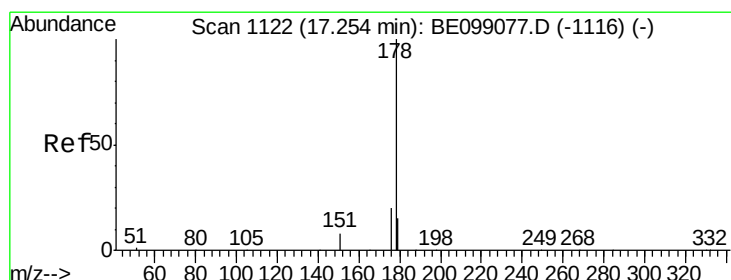
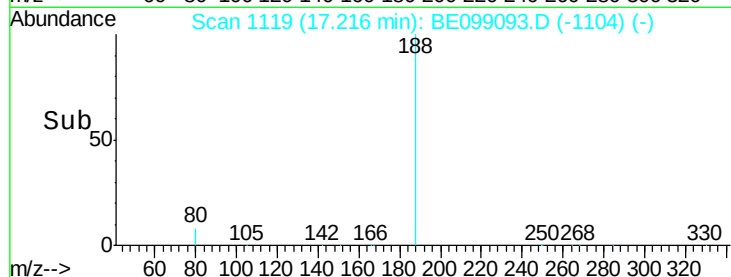
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time--> 17.10 17.20 17.30



#23

Phenanthrene

Concen: 0.038 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

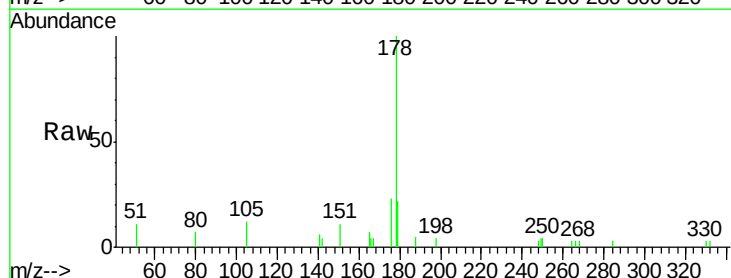
Tgt Ion:178 Resp: 2486

Ion Ratio Lower Upper

178 100

176 21.6 16.0 24.0

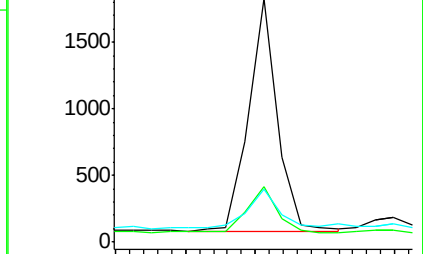
179 21.1 12.1 18.1#



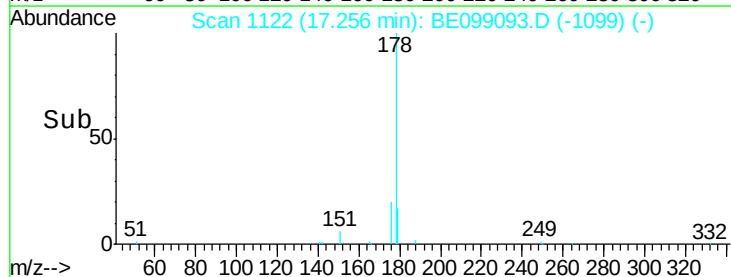
Abundance Ion 178.00 (177.70 to 178.70): E

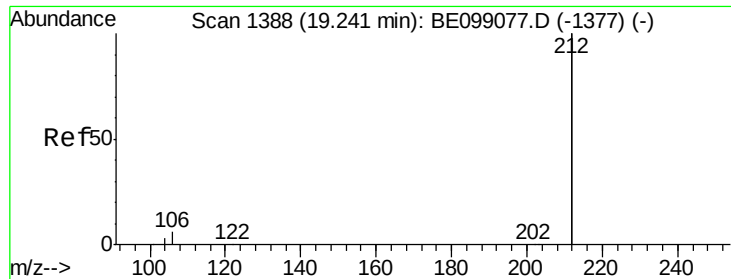
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.15 17.20 17.25 17.30





#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

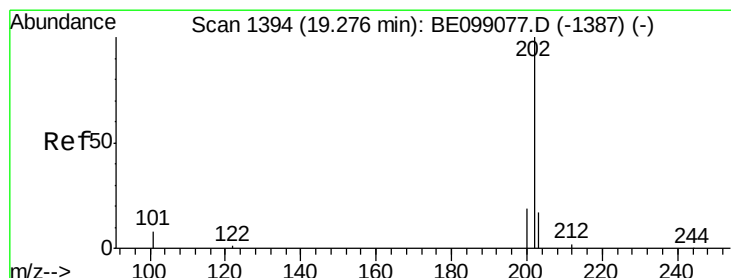
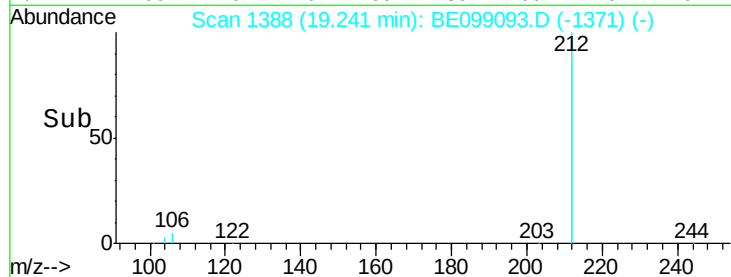
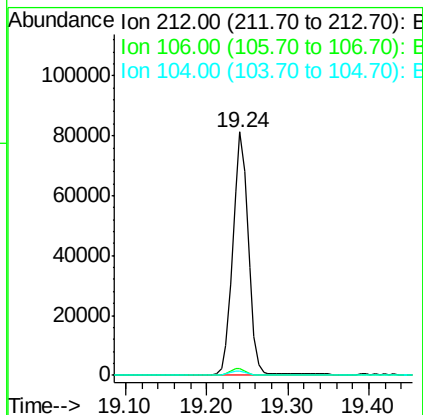
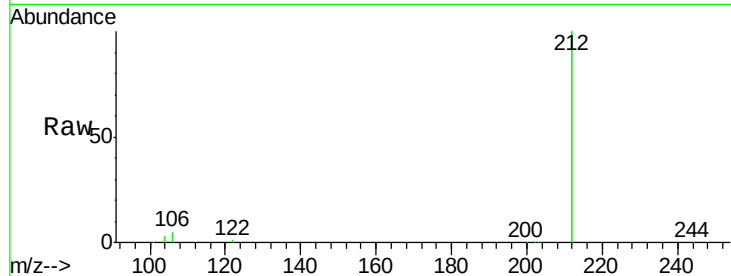
Instrument :

BNA_E

ClientSampleId :

PST-028-B100-031219

Tgt Ion:	212	Resp:	105829
Ion	Ratio	Lower	Upper
212	100		
106	2.8	1.8	2.8#
104	1.6	1.0	1.6#



#26

Fluoranthene

Concen: 0.030 ng

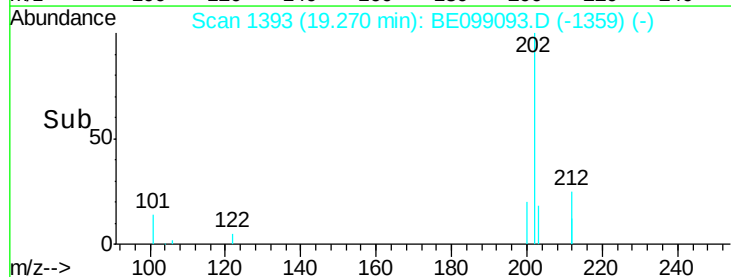
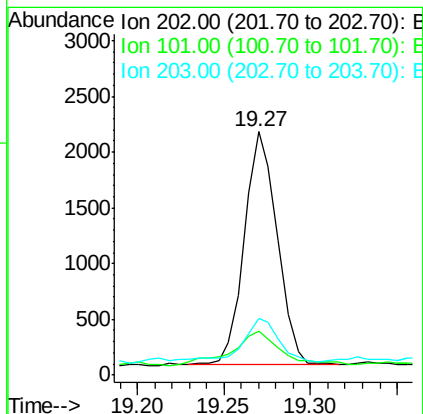
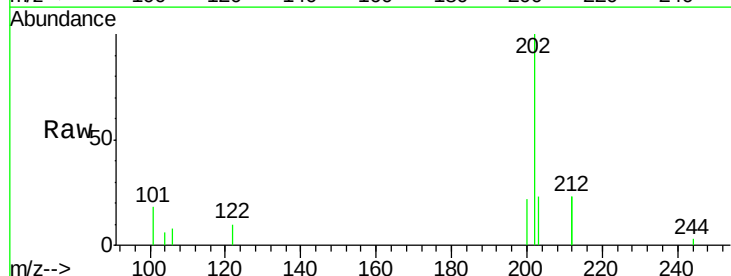
RT: 19.27 min Scan# 1393

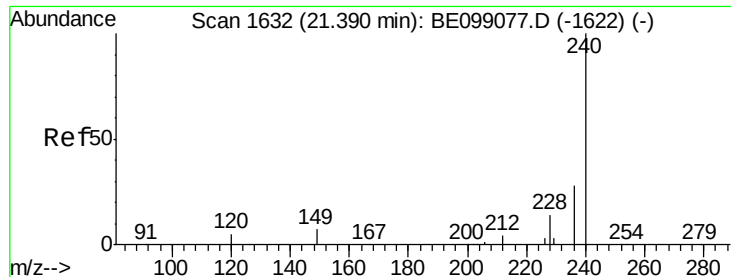
Delta R.T. -0.01 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Tgt Ion:	202	Resp:	2743
Ion	Ratio	Lower	Upper
202	100		
101	21.9	7.3	10.9#
203	20.4	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: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

ClientSampleId :

PST-028-B100-031219

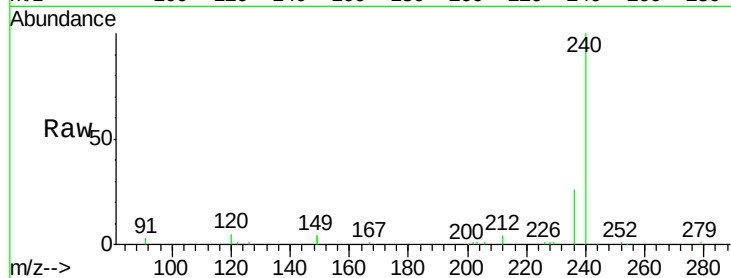
Tgt Ion:240 Resp: 32319

Ion Ratio Lower Upper

240 100

120 5.1 5.0 7.4

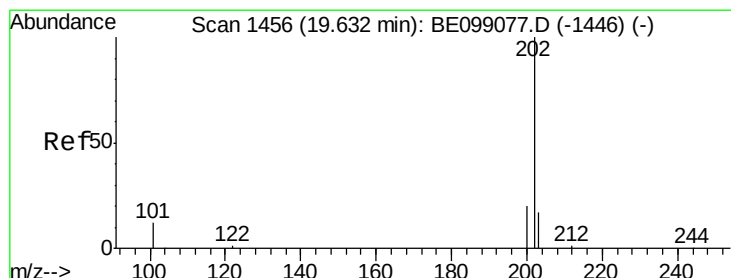
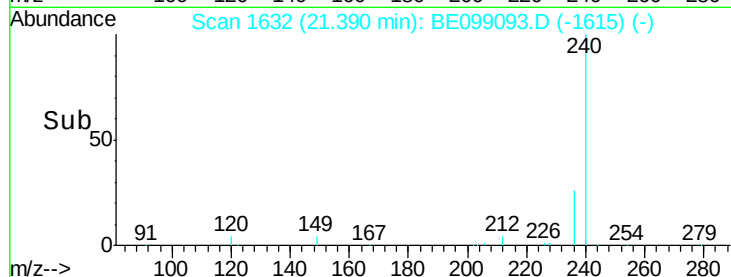
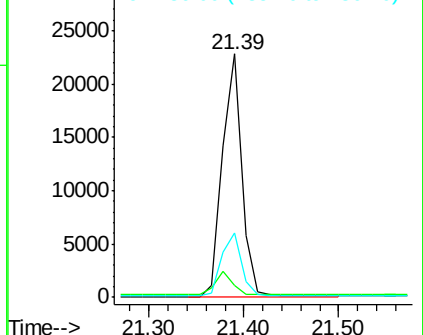
236 26.4 22.7 34.1



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: 0.026 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

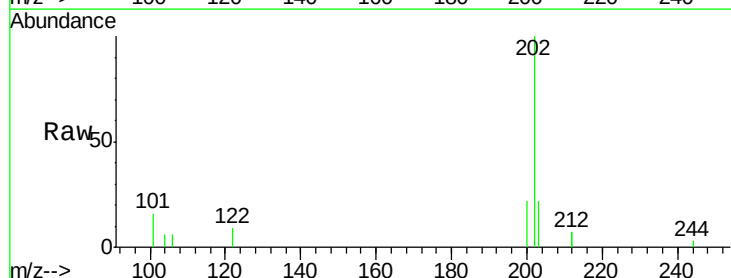
Tgt Ion:202 Resp: 2844

Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.6

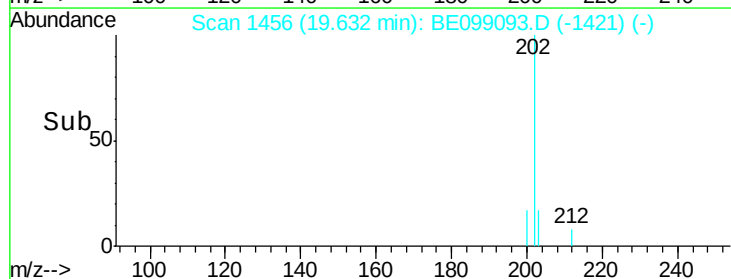
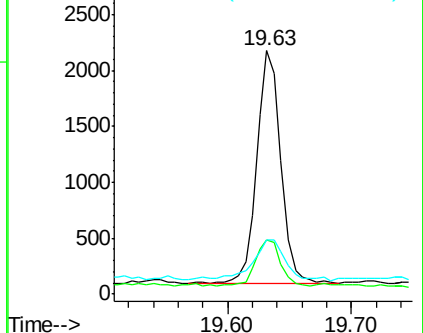
203 22.9 14.2 21.2#

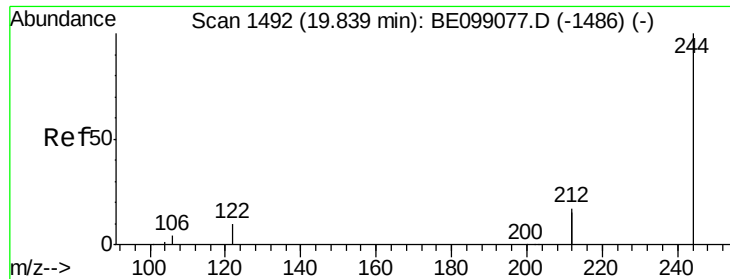


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.273 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

ClientSampleId :

PST-028-B100-031219

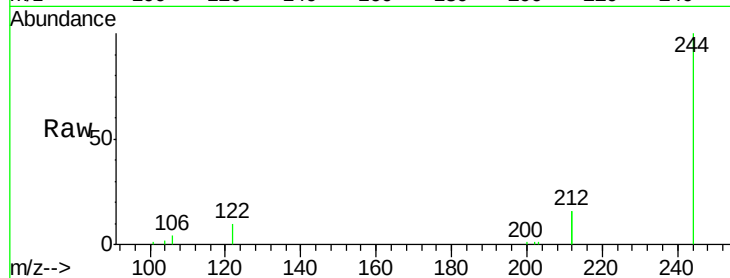
Tgt Ion:244 Resp: 18689

Ion Ratio Lower Upper

244 100

212 31.9 29.4 44.2

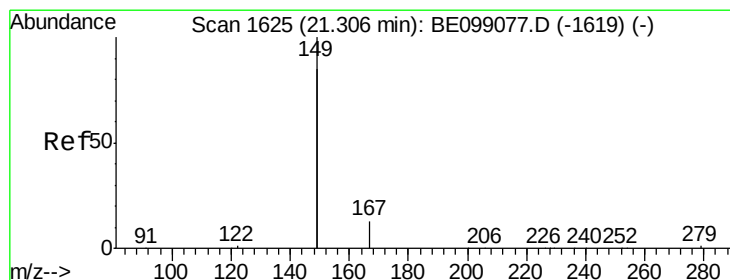
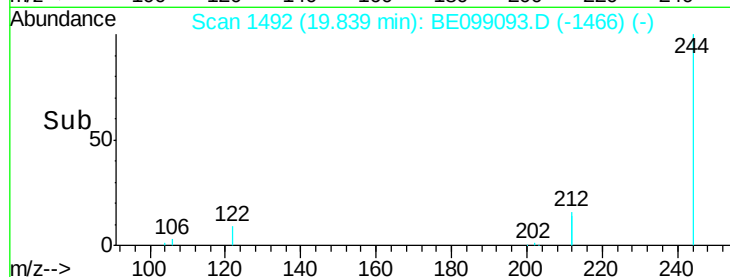
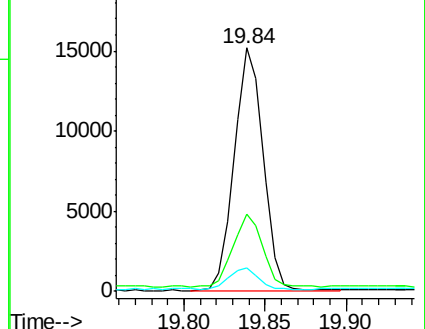
122 9.6 7.1 10.7



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.456 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099093.D

Acq: 22 Mar 2019 23:16

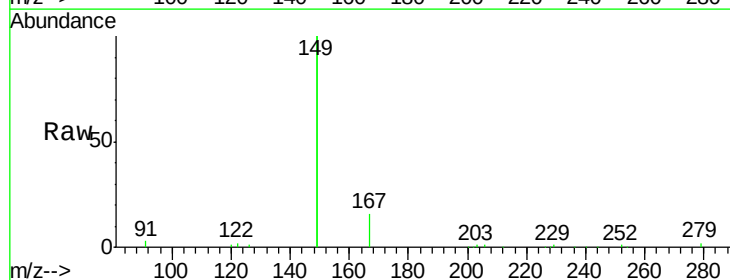
Tgt Ion:149 Resp: 67394

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

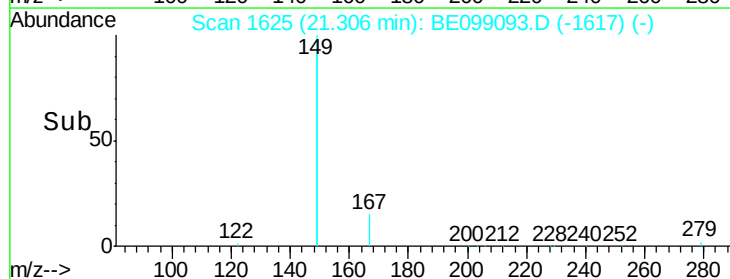
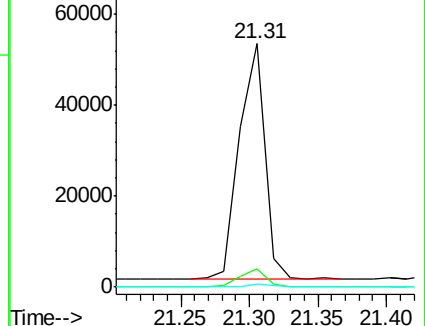
279 1.0 1.0 1.4

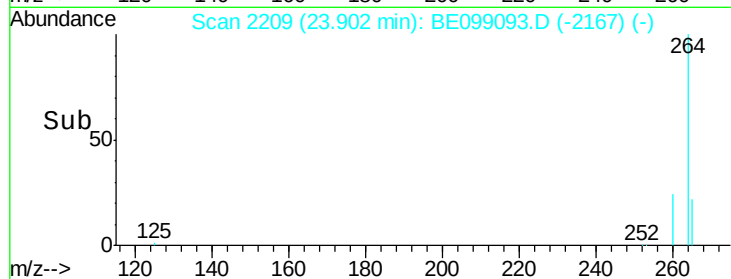
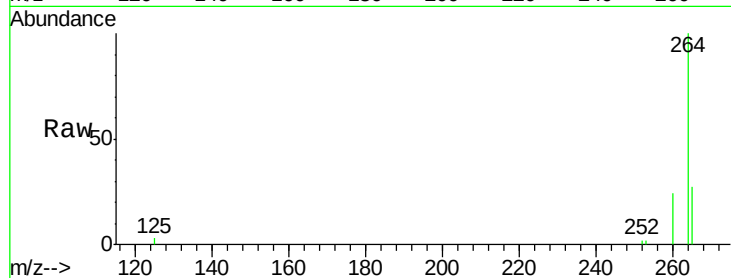
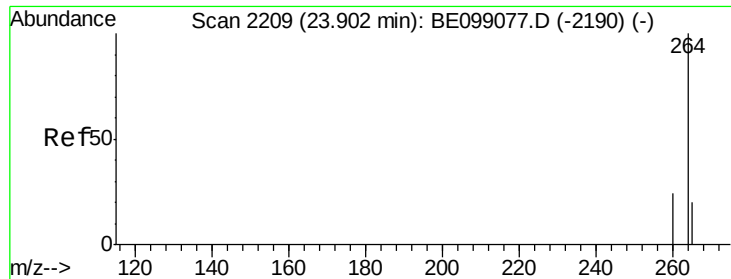


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099093.D

Acq: 22 Mar 2019 23:16

Instrument :

BNA_E

ClientSampleId :

PST-028-B100-031219

Tgt Ion: 264 Resp: 38067

Ion Ratio Lower Upper

264 100

260 24.2 21.2 31.8

265 26.9 24.6 36.8

