

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099379.D
 Acq On : 26 Apr 2019 15:43
 Operator : JU/SJ
 Sample : K2533-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-023-B183-042219

Quant Time: Apr 27 05:06:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3101	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	12001	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	8395	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	22579	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26536	0.40	ng	0.00
34) Perylene-d12	23.87	264	29950	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	4408	0.58	ng	0.01
5) Phenol-d6	6.98	99	6513	0.60	ng	0.00
8) Nitrobenzene-d5	8.98	82	5898	0.63	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	10525	0.50	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2500	0.90	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	15443	0.47	ng	0.00
25) Fluoranthene-d10	19.22	212	130235	0.48	ng	0.00
29) Terphenyl-d14	19.82	244	22653	0.43	ng	0.00

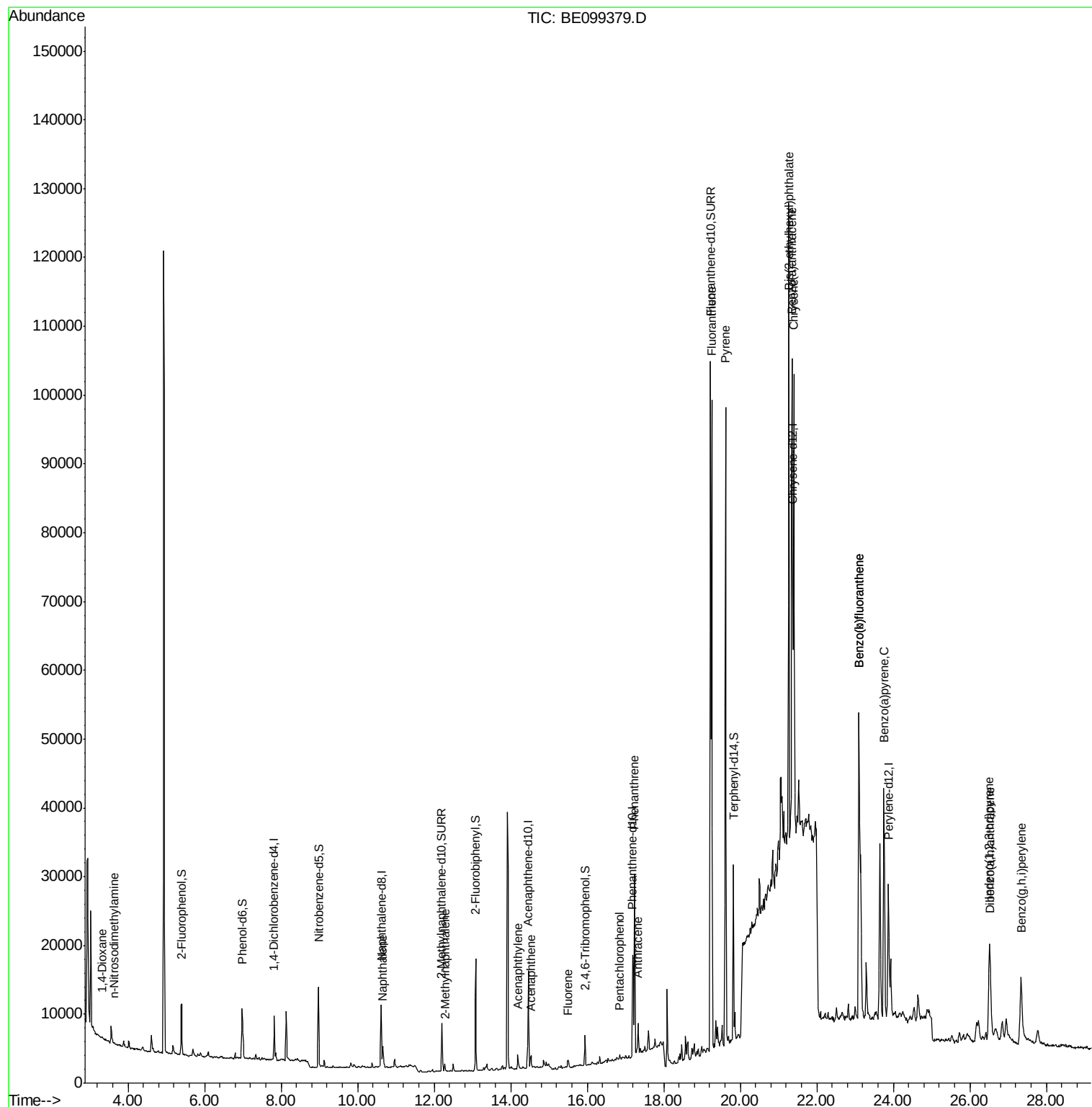
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	169	0.039	ng	# 29
3) n-Nitrosodimethylamine	3.62	42	113	0.048	ng	# 1
9) Naphthalene	10.65	128	5464	0.042	ng	# 95
12) 2-Methylnaphthalene	12.28	142	883	0.040	ng	# 94
16) Acenaphthylene	14.18	152	2834	0.075	ng	# 87
17) Acenaphthene	14.53	154	1053	0.045	ng	# 98
18) Fluorene	15.50	166	1362	0.041	ng	# 90
22) Pentachlorophenol	16.84	266	259	0.274	ng	# 82
23) Phenanthrene	17.23	178	31810	0.532	ng	# 99
24) Anthracene	17.32	178	5008	0.094	ng	# 93
26) Fluoranthene	19.25	202	86915	1.086	ng	# 98
28) Pyrene	19.62	202	89018	1.139	ng	# 95
30) Benzo(a)anthracene	21.35	228	60886	0.780	ng	# 92
31) Chrysene	21.40	228	60195	0.725	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.27	149	98561	1.388	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.51	276	32413	0.395	ng	# 93
35) Benzo(b)fluoranthene	23.10	252	82626	0.901	ng	# 85
36) Benzo(k)fluoranthene	23.10	252	82626	0.904	ng	# 87
37) Benzo(a)pyrene	23.75	252	54088	0.658	ng	# 85
38) Dibenzo(a,h)anthracene	26.54	278	8317	0.099	ng	# 35
39) Benzo(g,h,i)perylene	27.34	276	31100	0.365	ng	# 87

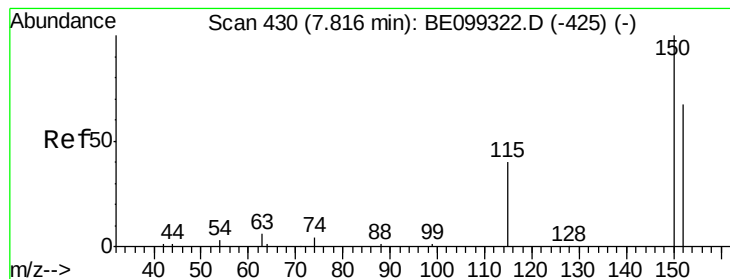
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

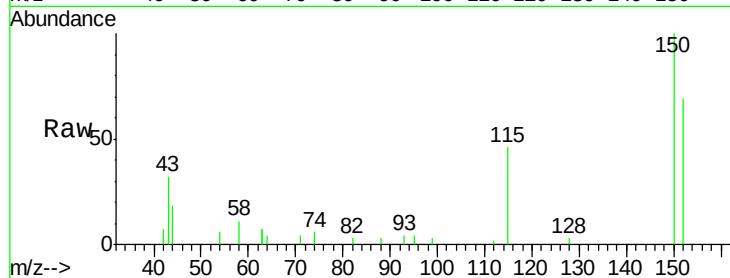
Tot Ion:152 Resp: 3101

Ion Ratio Lower Upper

152 100

150 145.0 119.5 179.3

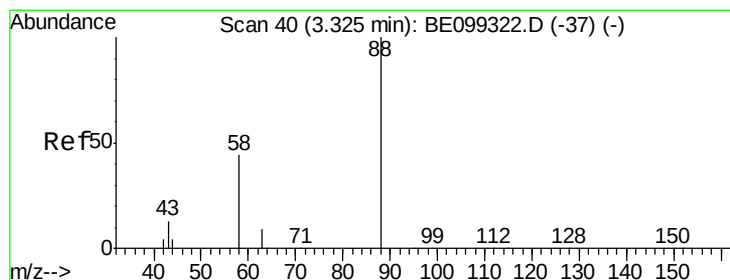
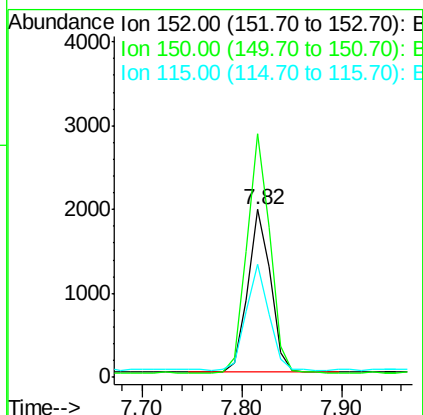
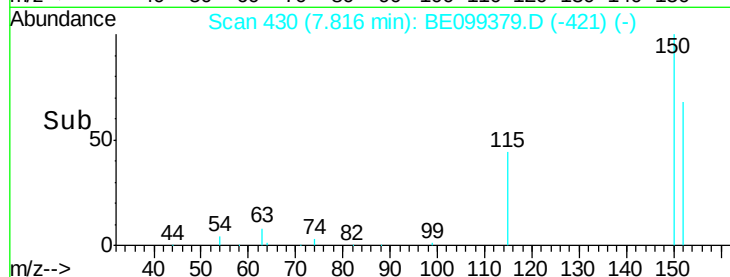
115 67.3 47.5 71.3



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: 0.039 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

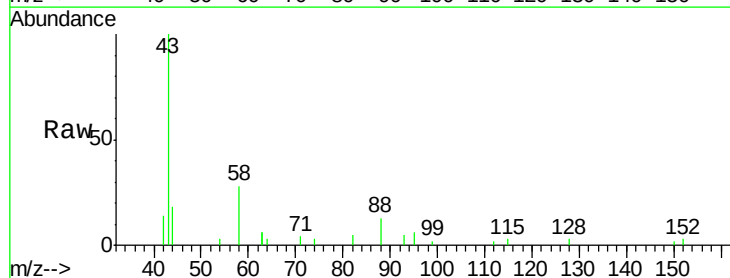
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

88 100

58 0.0 49.1 73.7#

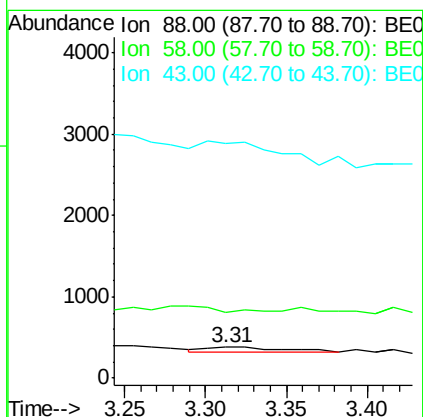
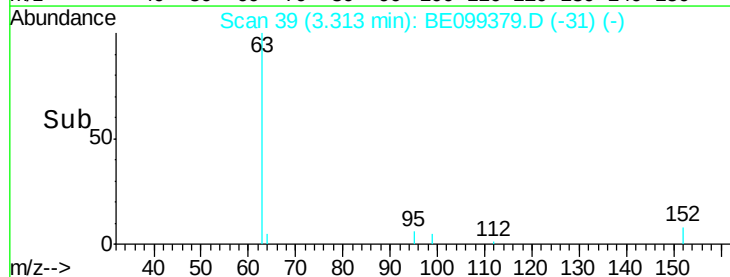
43 0.0 17.9 26.9#

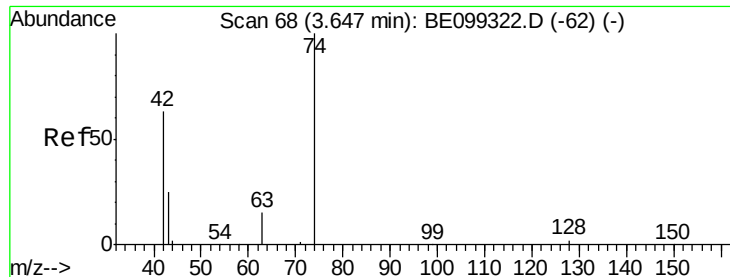


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.03 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

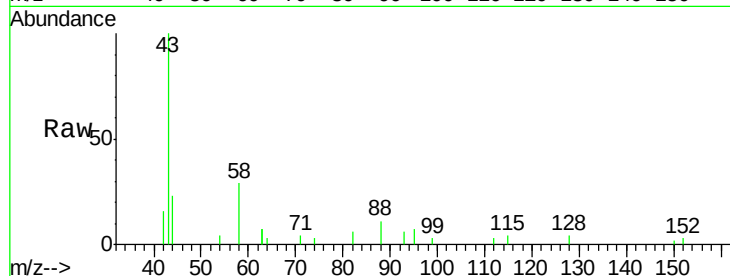
Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

Tot Ion:	42	Resp:	113
Ion	Ratio	Lower	Upper
42	100		
74	0.0	145.8	218.8#
44	0.0	9.0	13.4#

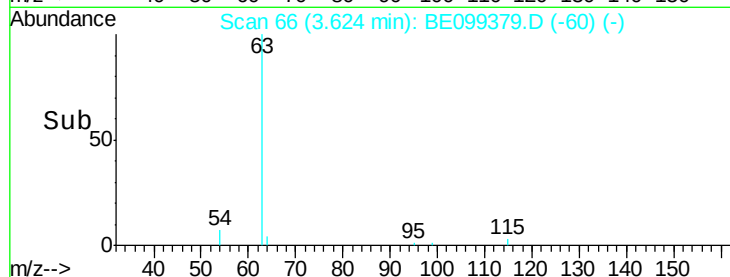


Abundance Ion 42.00 (41.70 to 42.70): BE0

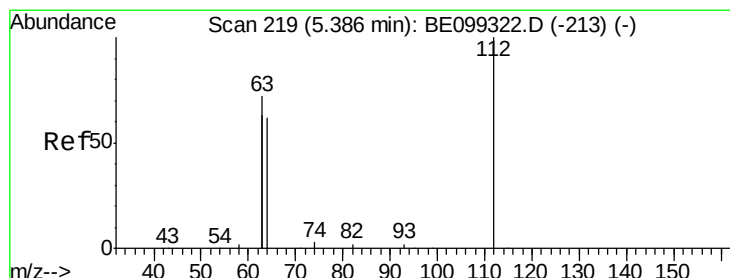
Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.582 ng

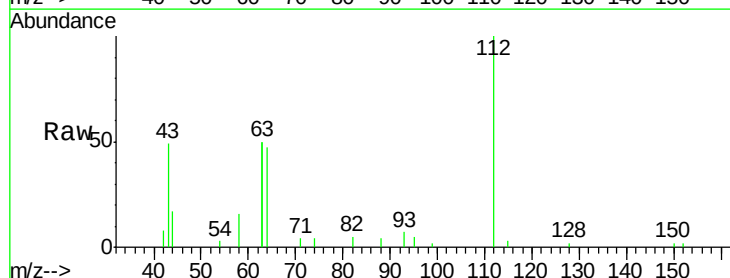
RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Tgt Ion:	112	Resp:	4408
Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.9	67.3
63	128.6	97.4	146.0

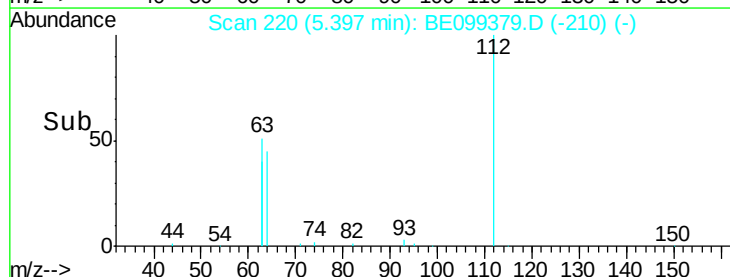


Abundance Ion 112.00 (111.70 to 112.70): E

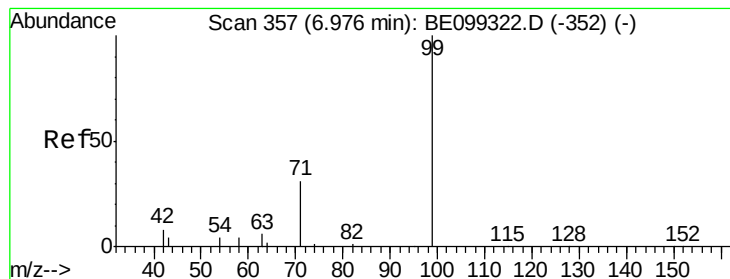
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.602 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

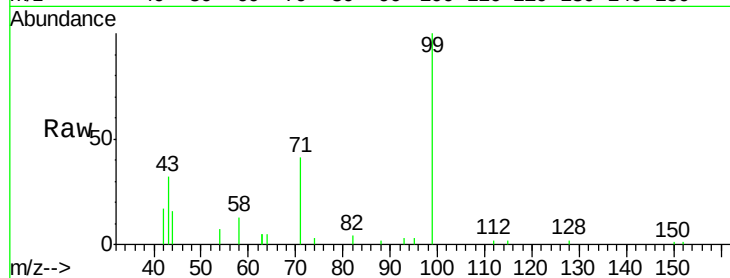
Tot Ion: 99 Resp: 6513

Ion Ratio Lower Upper

99 100

42 16.8 11.7 17.5

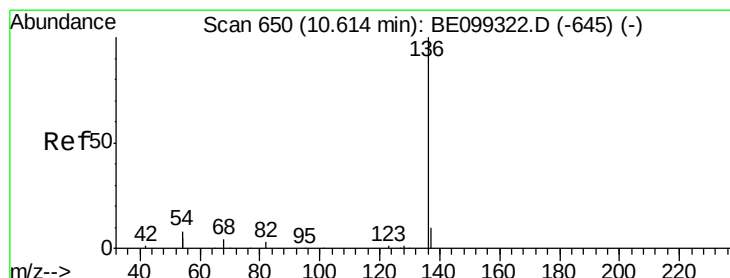
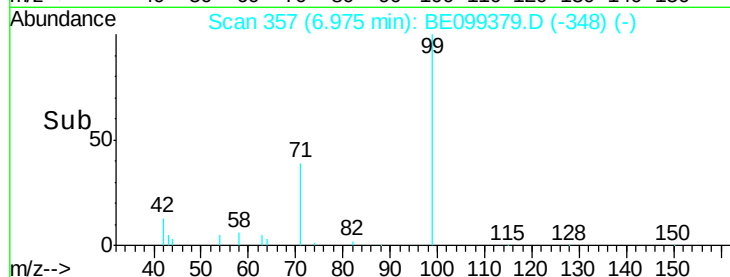
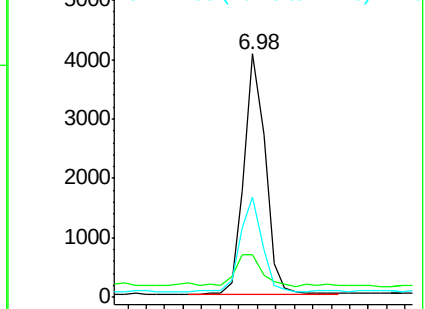
71 40.5 29.6 44.4



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Tgt Ion: 136 Resp: 12001

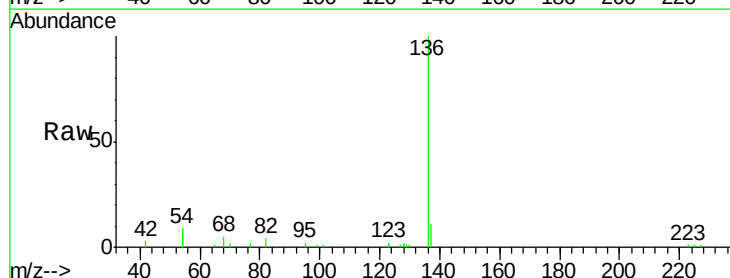
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 17.1 23.8 35.8#

68 4.7 6.4 9.6#

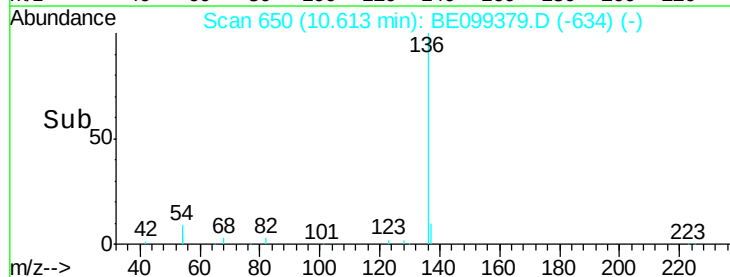
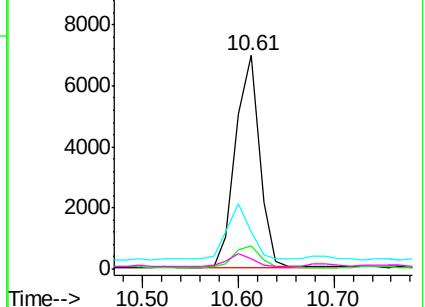


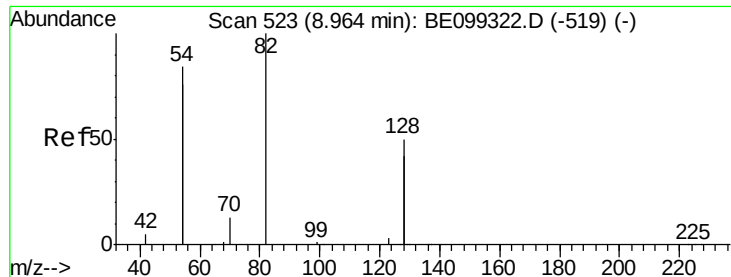
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.633 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

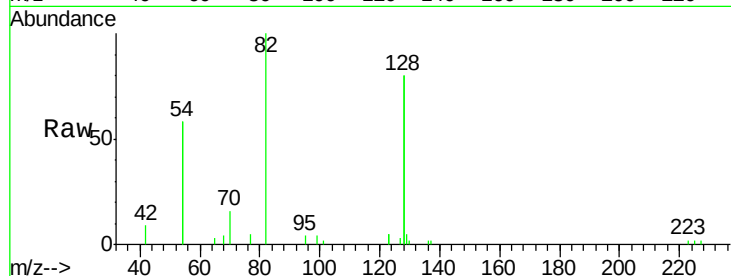
Tot Ion: 82 Resp: 5898

Ion Ratio Lower Upper

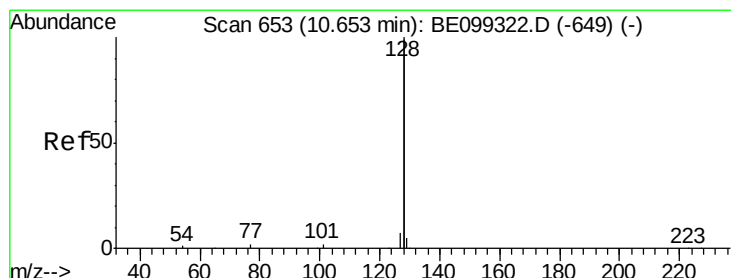
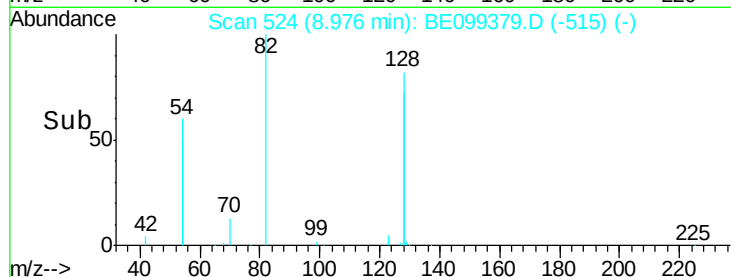
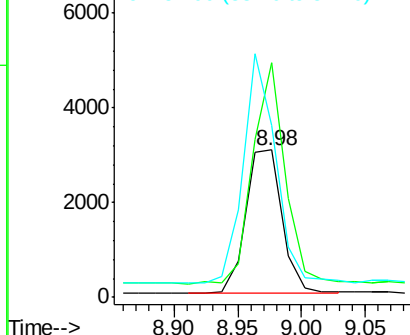
82 100

128 159.3 91.7 137.5#

54 116.2 122.8 184.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.042 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

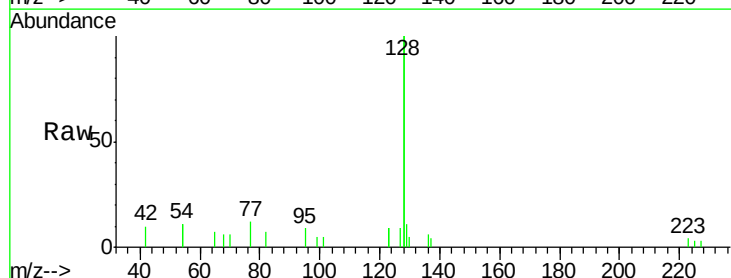
Tgt Ion: 128 Resp: 5464

Ion Ratio Lower Upper

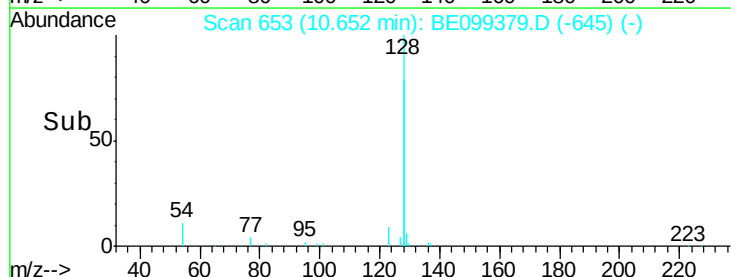
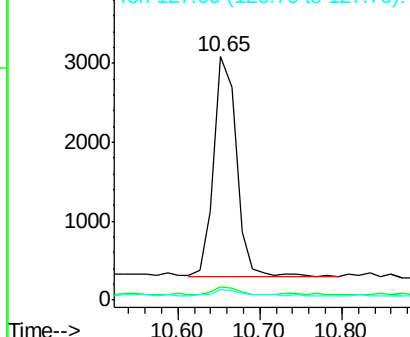
128 100

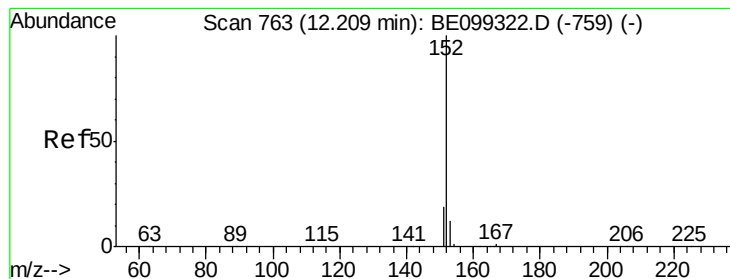
129 5.4 2.3 3.5#

127 4.5 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.497 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

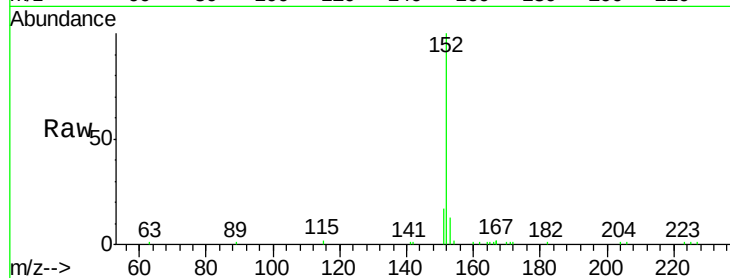
PST-023-B183-042219

Tot Ion:152 Resp: 10525

Ion Ratio Lower Upper

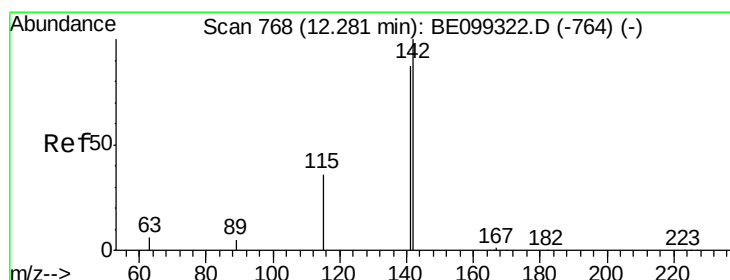
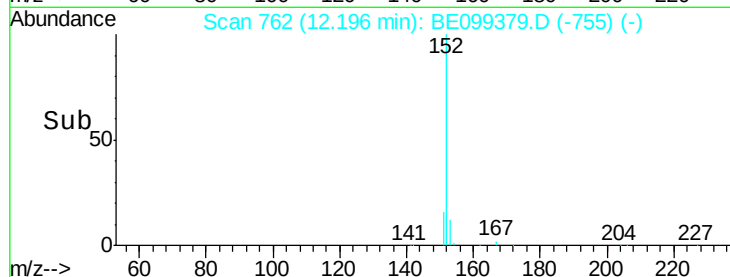
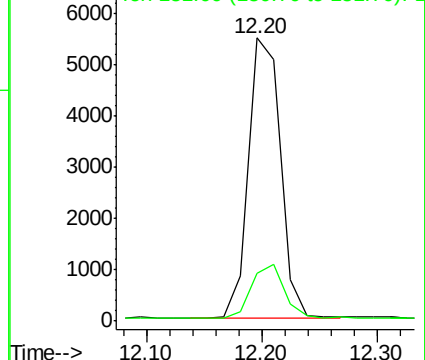
152 100

151 19.6 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.040 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

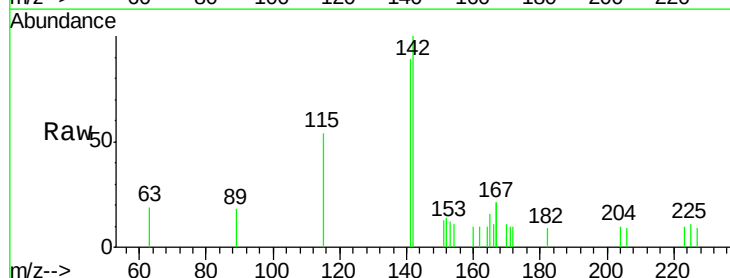
Tgt Ion:142 Resp: 883

Ion Ratio Lower Upper

142 100

141 89.5 72.0 108.0

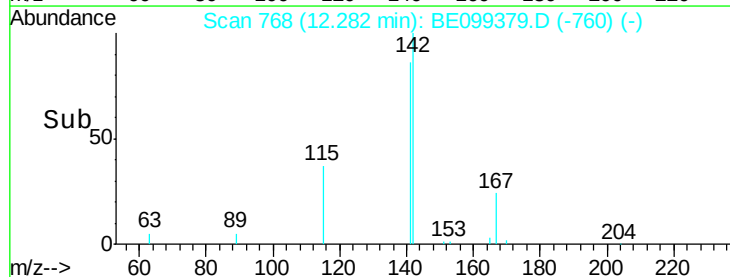
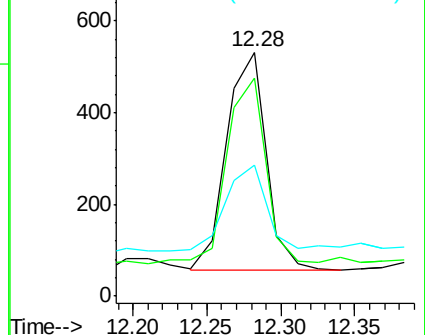
115 53.7 33.4 50.0#

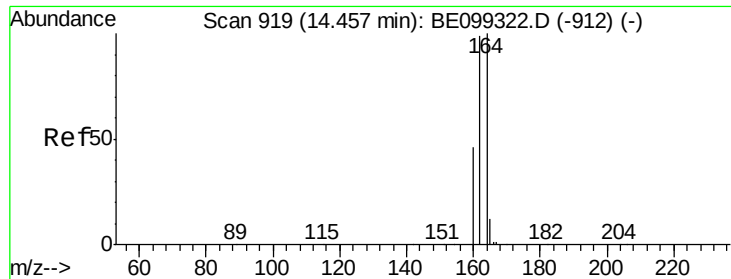


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

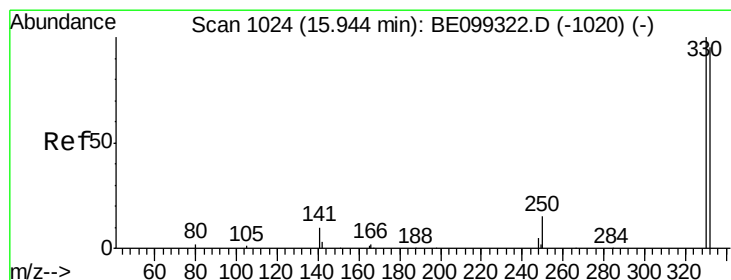
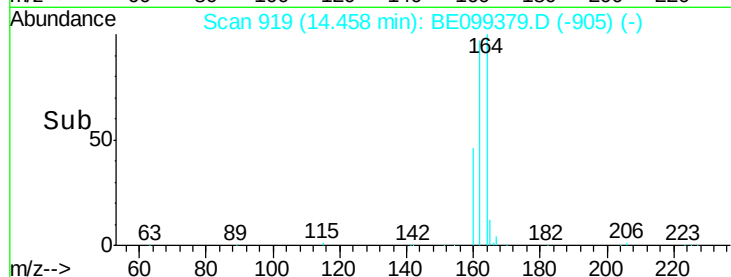
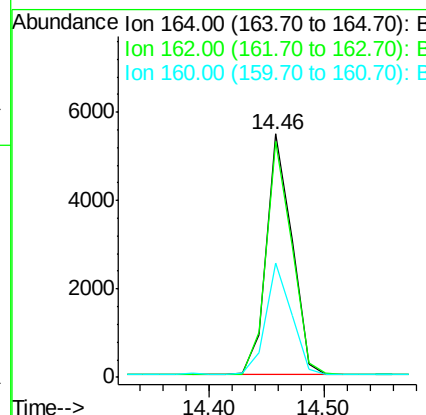
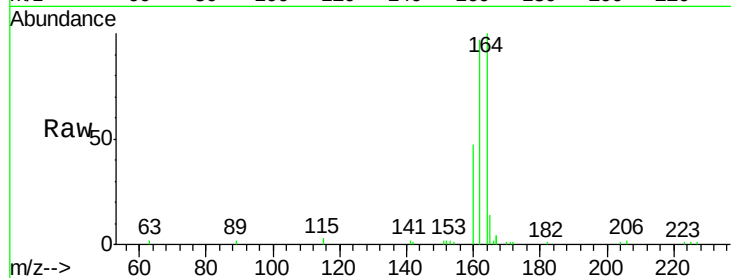




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099379.D
 Acq: 26 Apr 2019 15:43

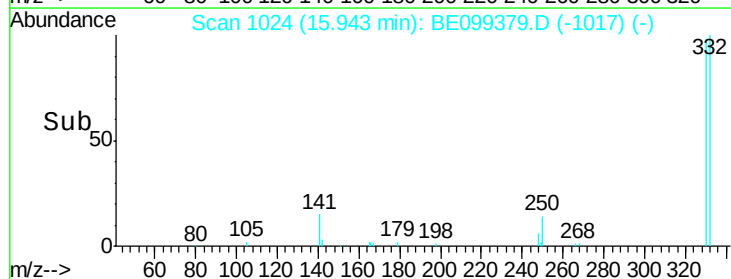
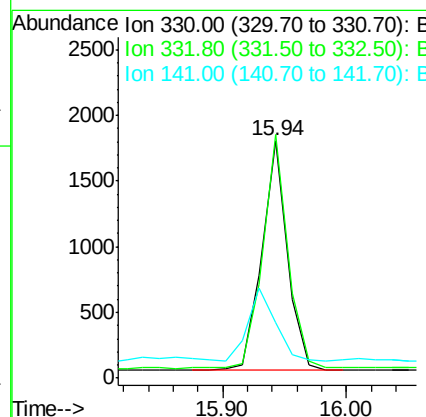
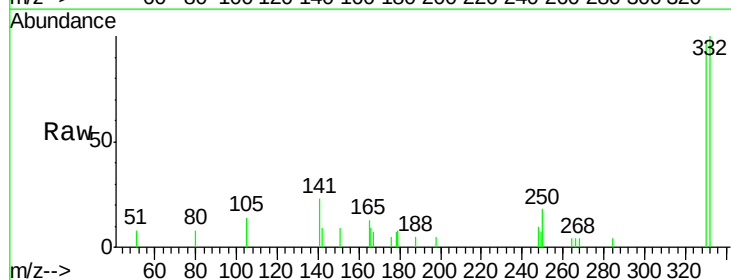
Instrument :
 BNA_E
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 PST-023-B183-042219

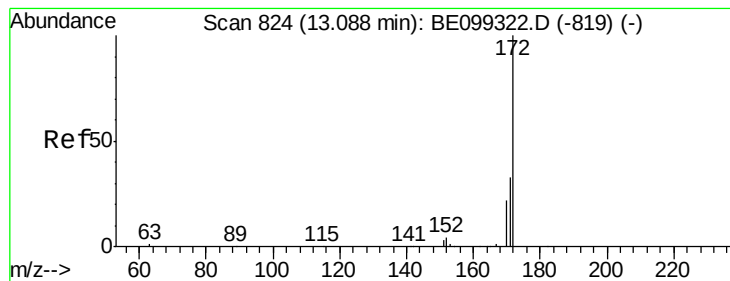
Tot Ion:164 Resp: 8395
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.8 116.6
 160 47.1 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.897 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099379.D
 Acq: 26 Apr 2019 15:43

Tgt Ion:330 Resp: 2500
 Ion Ratio Lower Upper
 330 100
 332 98.4 82.5 123.7
 141 33.1 24.9 37.3





#15

2-Fluorobiphenyl

Concen: 0.468 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

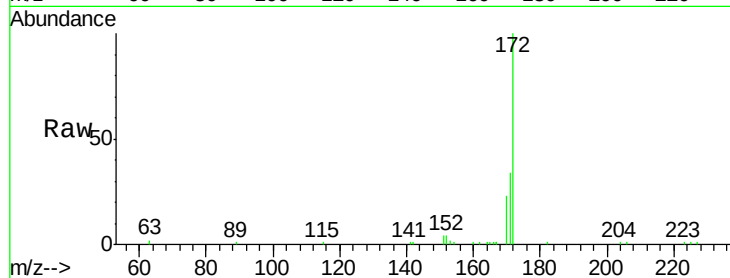
Tot Ion:172 Resp: 15443

Ion Ratio Lower Upper

172 100

171 34.2 26.2 39.2

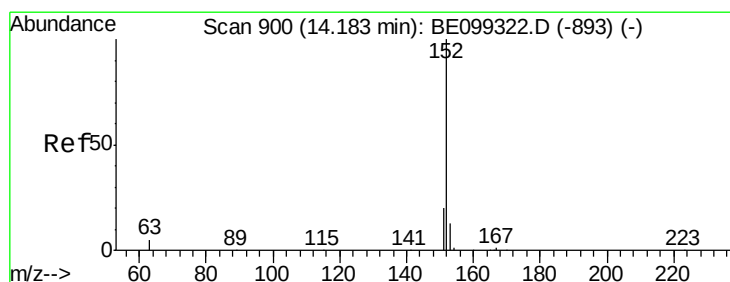
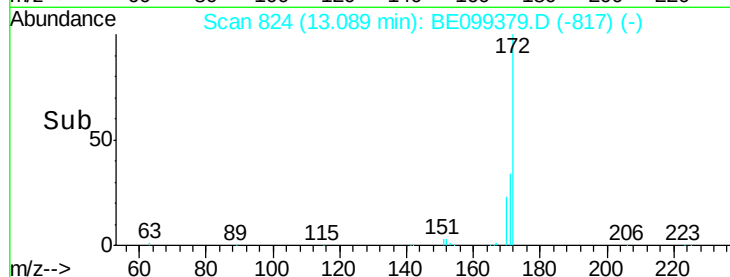
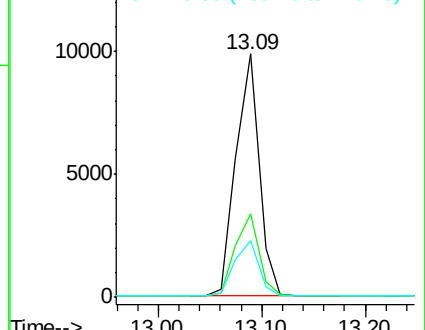
170 23.4 18.1 27.1



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: 0.075 ng

RT: 14.18 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

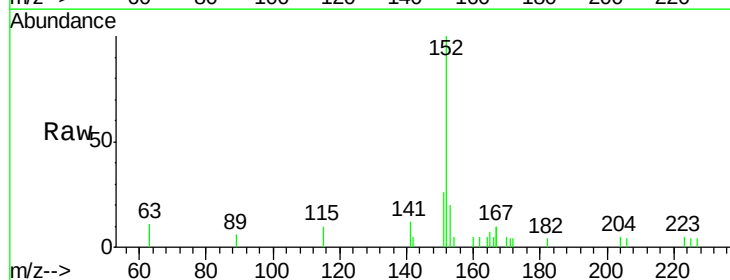
Tgt Ion:152 Resp: 2834

Ion Ratio Lower Upper

152 100

151 26.2 15.5 23.3#

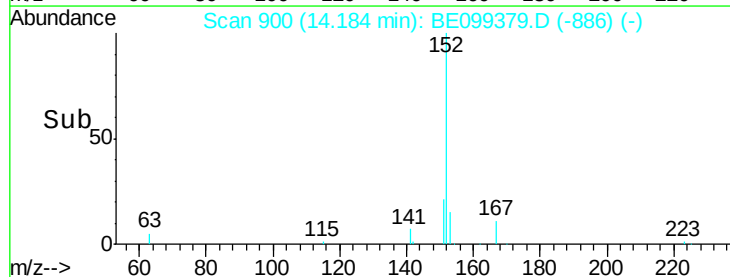
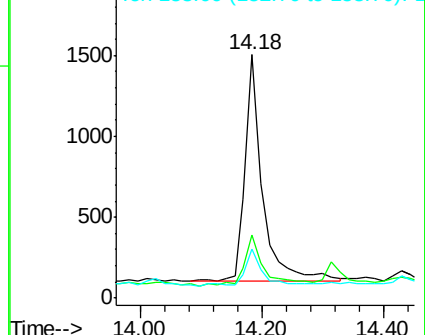
153 16.5 10.2 15.4#

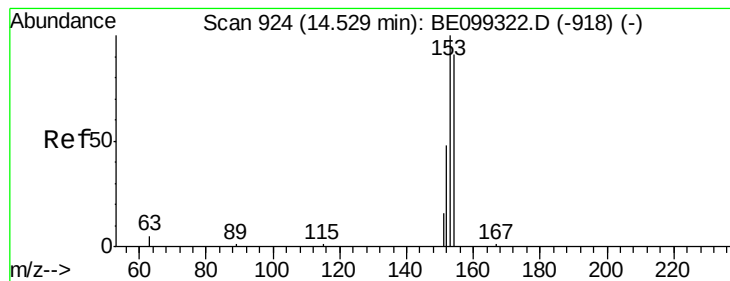


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.045 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.02 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

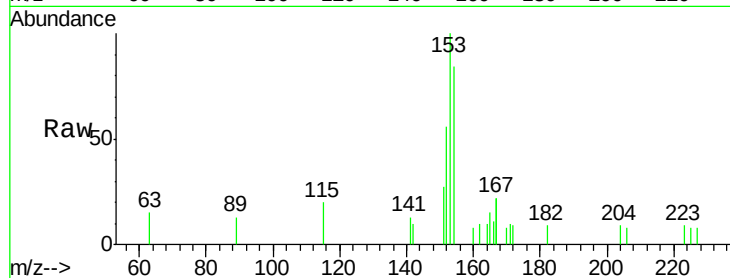
Tot Ion:154 Resp: 1053

Ion Ratio Lower Upper

154 100

153 117.5 94.7 142.1

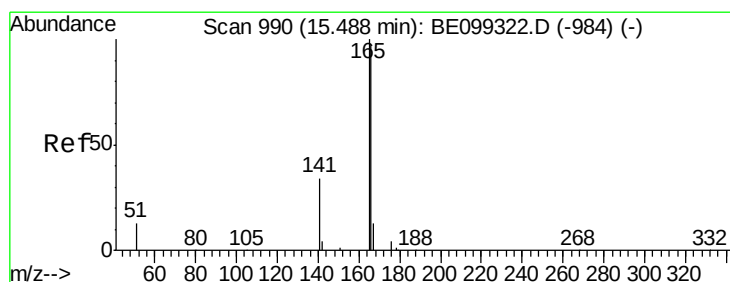
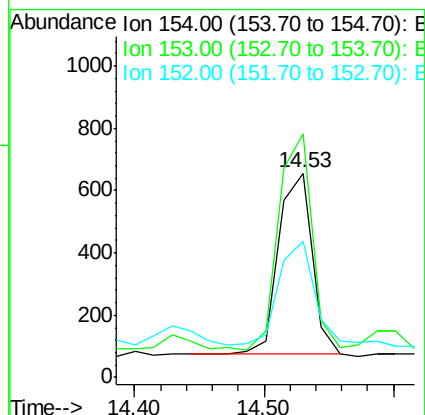
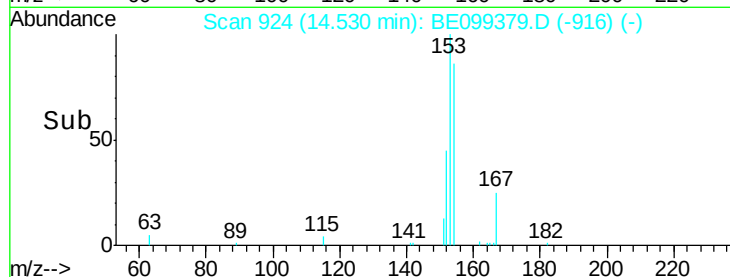
152 61.2 46.4 69.6



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: 0.041 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

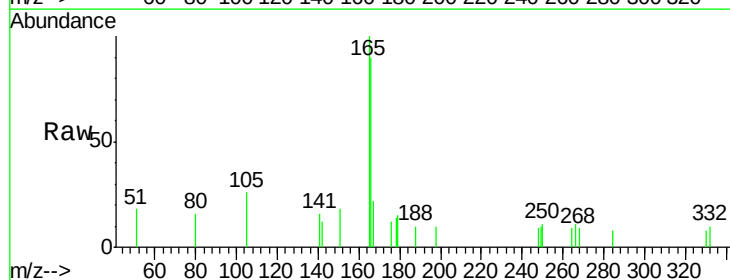
Tgt Ion:166 Resp: 1362

Ion Ratio Lower Upper

166 100

165 89.4 79.7 119.5

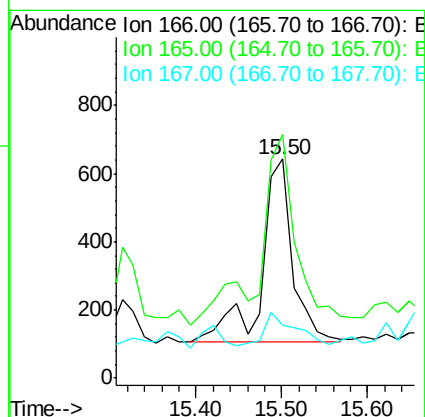
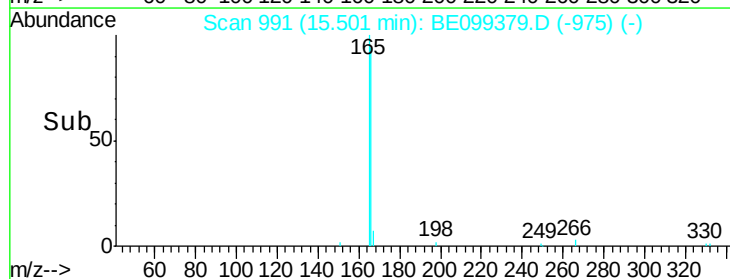
167 17.7 11.0 16.4#

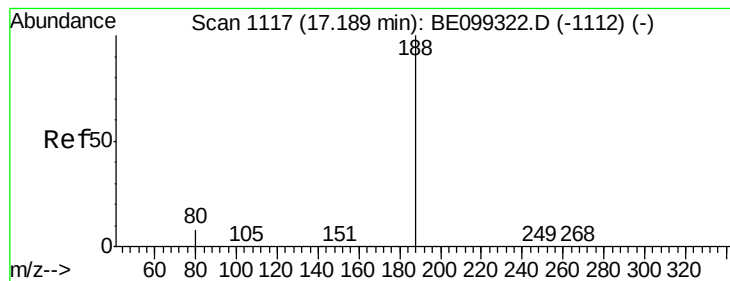


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

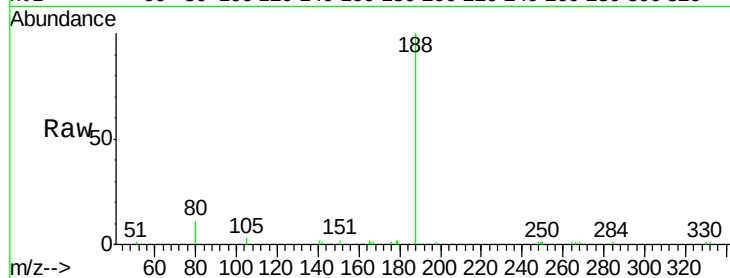
Tot Ion:188 Resp: 22579

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

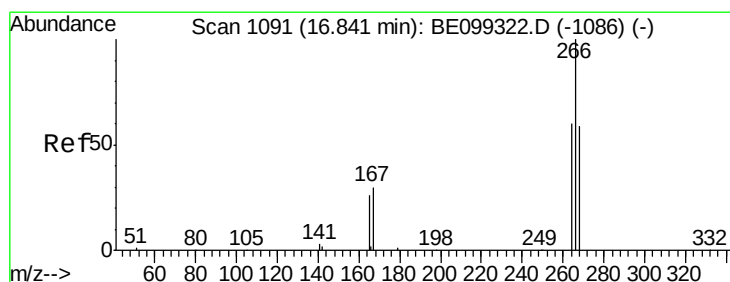
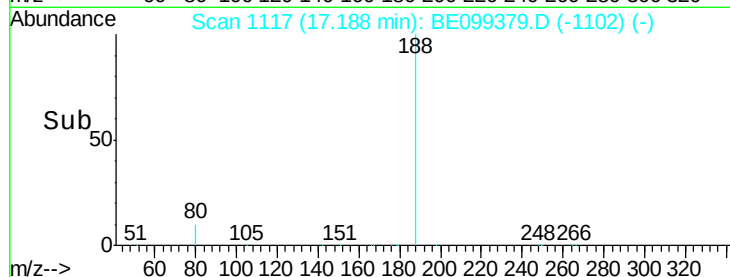
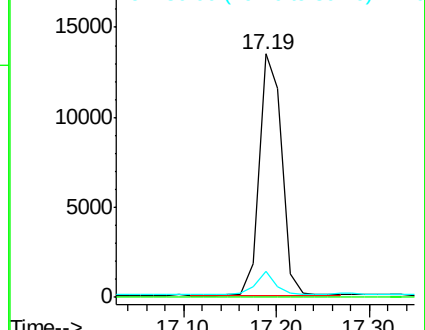
80 10.8 6.2 9.4#



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: 0.274 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

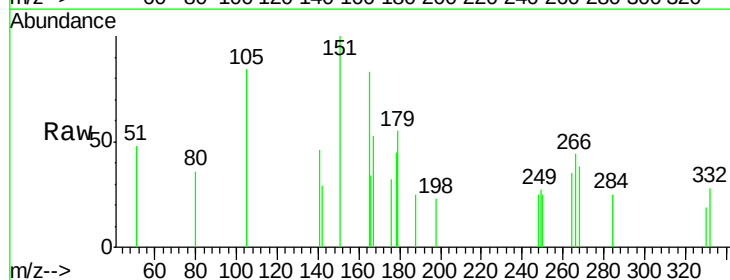
Tgt Ion:266 Resp: 259

Ion Ratio Lower Upper

266 100

264 78.5 54.5 81.7

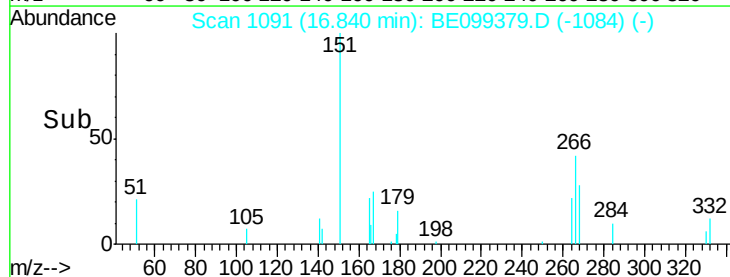
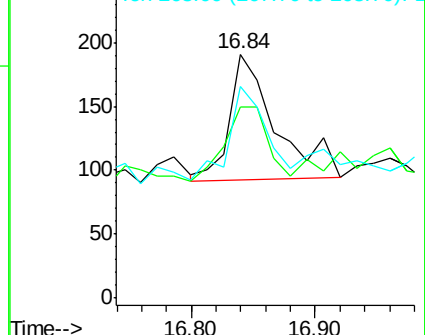
268 86.9 54.3 81.5#

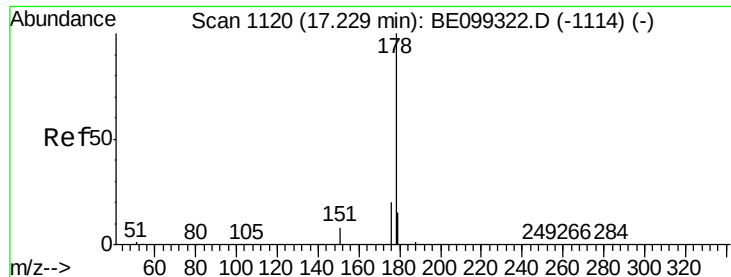


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.532 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

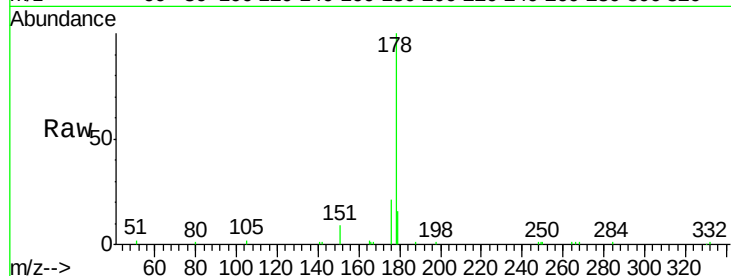
Tot Ion:178 Resp: 31810

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

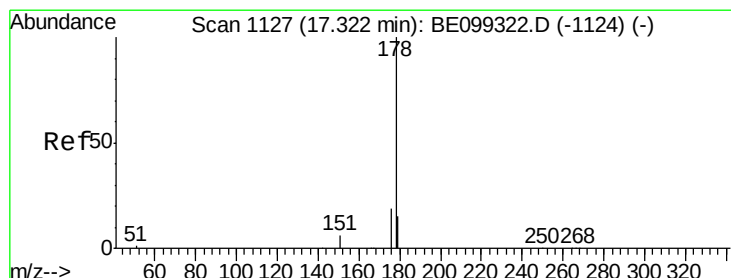
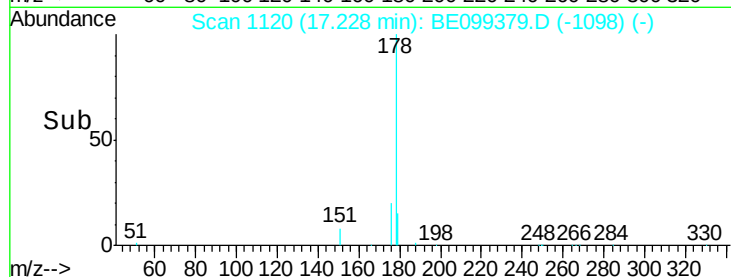
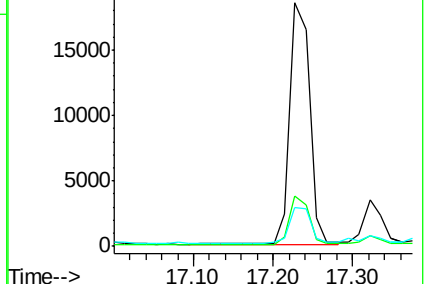
179 15.3 12.4 18.6



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: 0.094 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

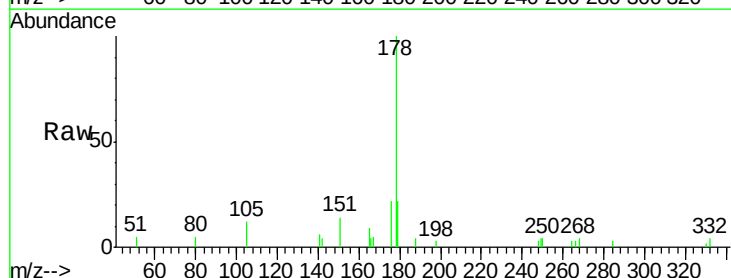
Tgt Ion:178 Resp: 5008

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

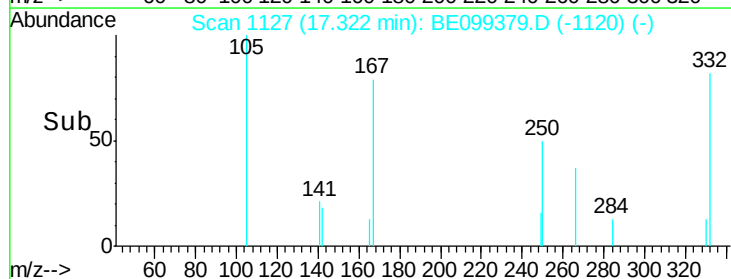
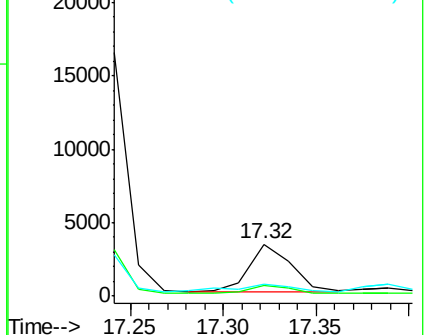
179 21.3 11.9 17.9#

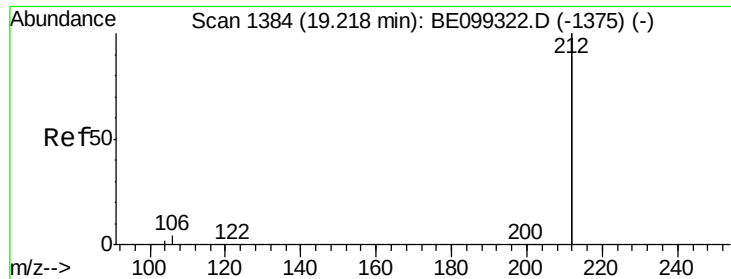


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.480 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

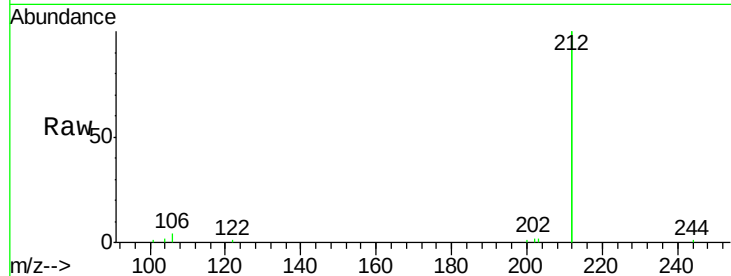
Tot Ion:212 Resp: 130235

Ion Ratio Lower Upper

212 100

106 2.0 1.8 2.6

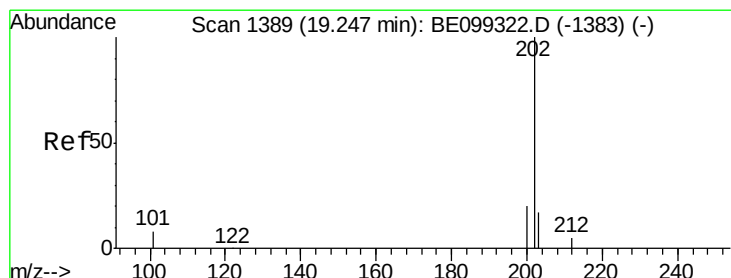
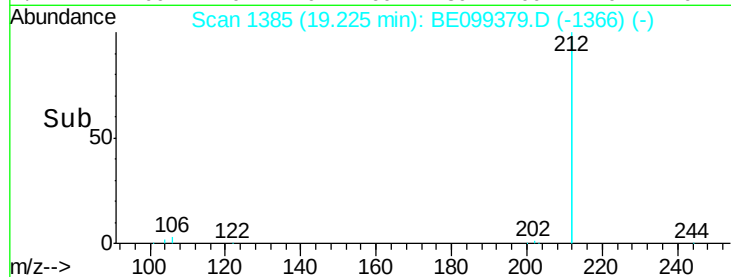
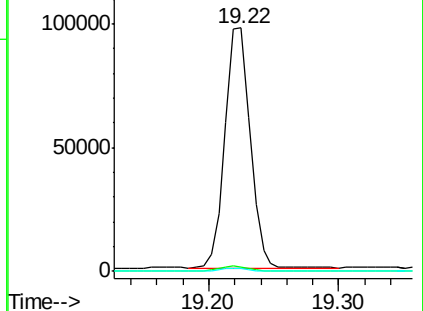
104 1.1 1.0 1.4



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: 1.086 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

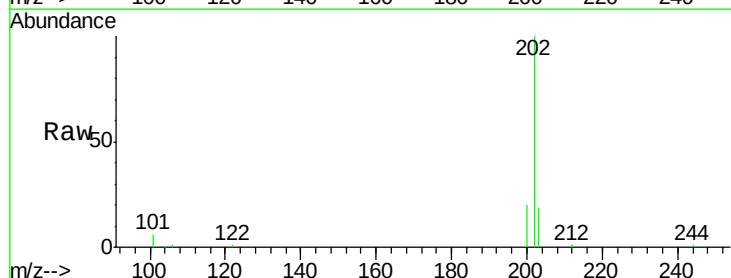
Tgt Ion:202 Resp: 86915

Ion Ratio Lower Upper

202 100

101 7.2 6.4 9.6

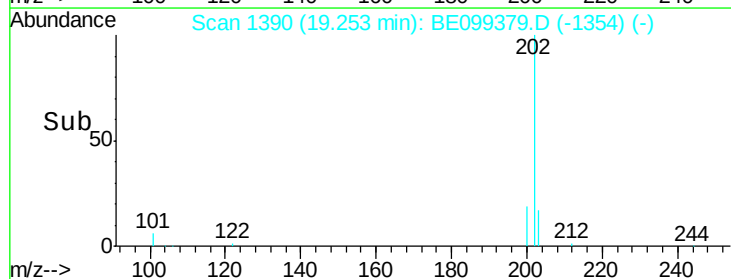
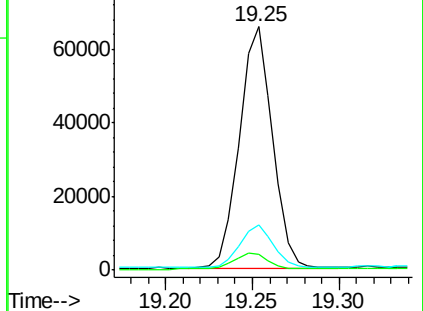
203 17.5 13.5 20.3

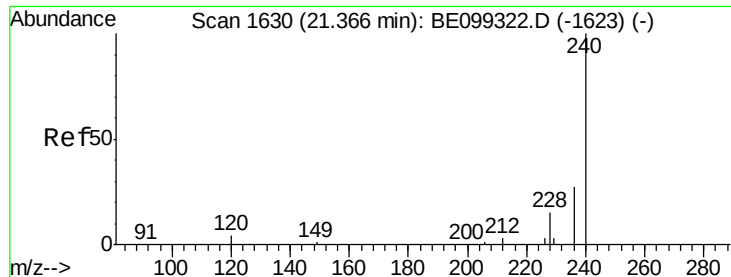


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

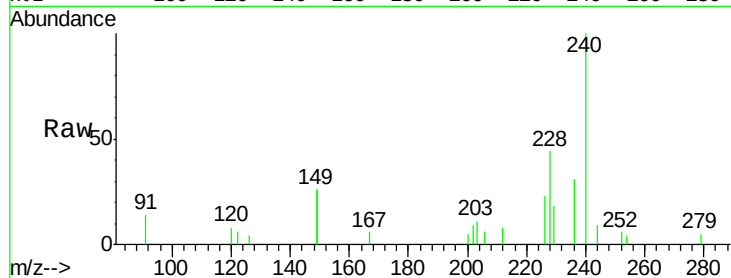
Tot Ion:240 Resp: 26536

Ion Ratio Lower Upper

240 100

120 8.1 2.2 3.2#

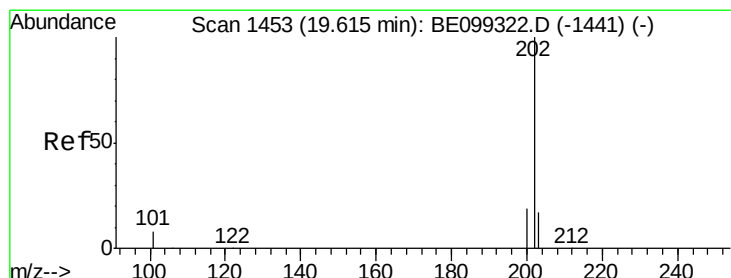
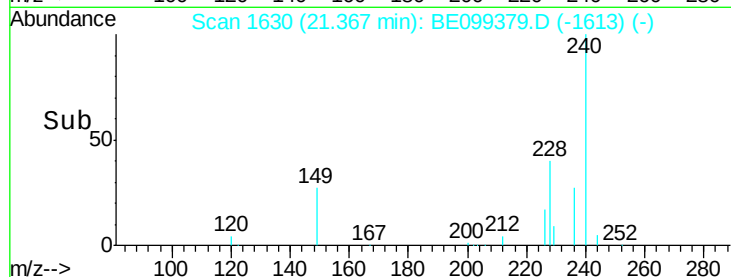
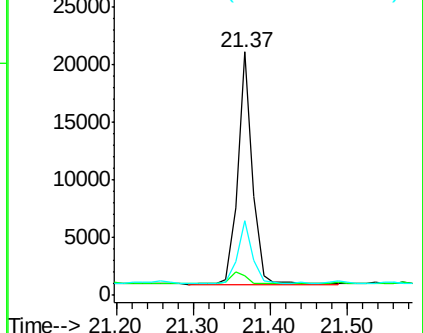
236 30.6 20.2 30.4#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.139 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

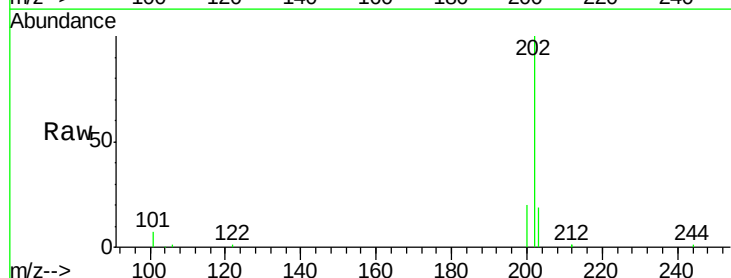
Tgt Ion:202 Resp: 89018

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

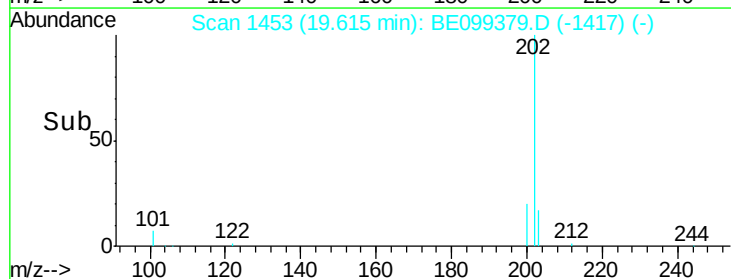
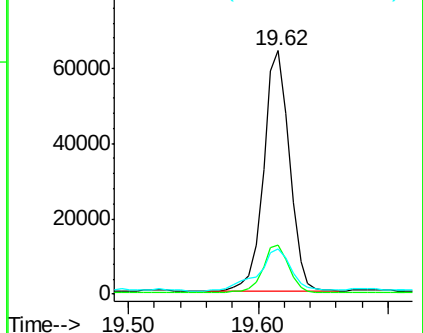
203 21.9 13.7 20.5#

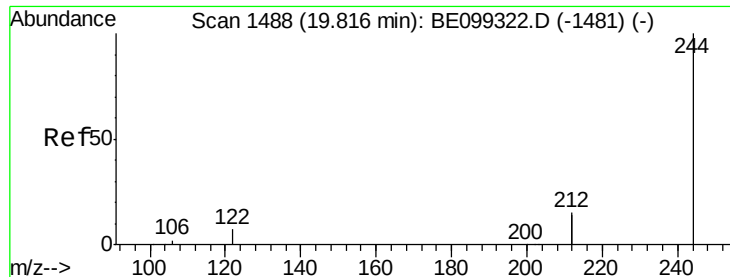


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

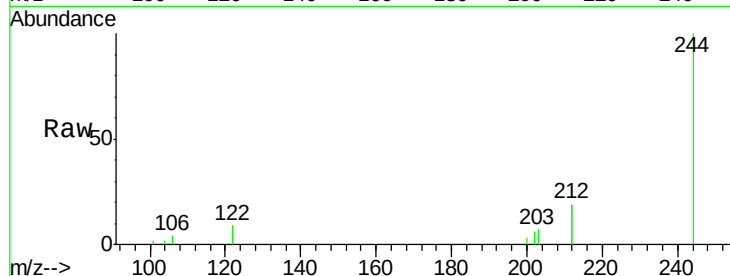
Tot Ion:244 Resp: 22653

Ion Ratio Lower Upper

244 100

212 38.0 22.6 33.8#

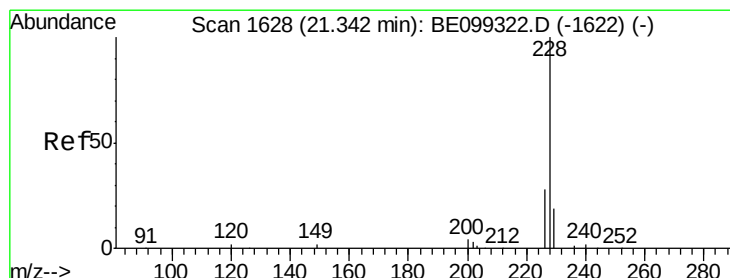
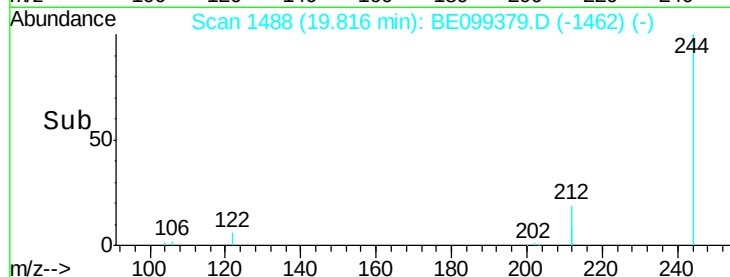
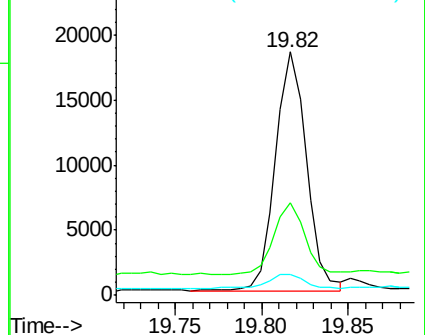
122 8.7 4.6 7.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.780 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

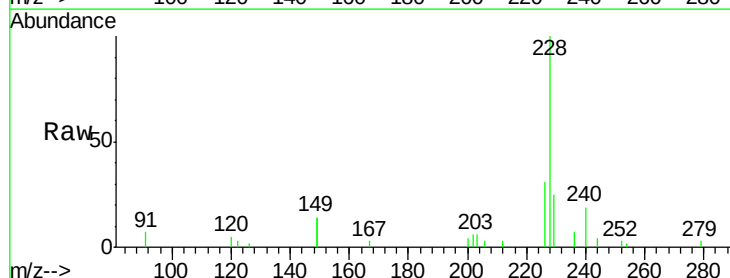
Tgt Ion:228 Resp: 60886

Ion Ratio Lower Upper

228 100

226 30.6 22.0 33.0

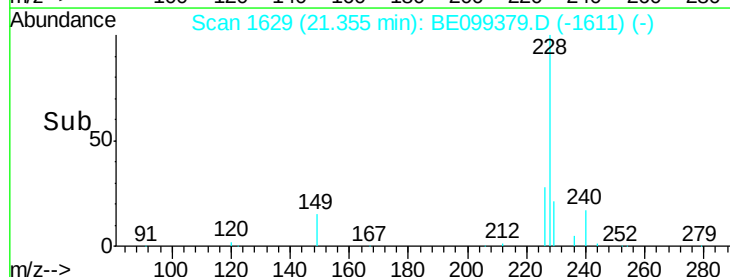
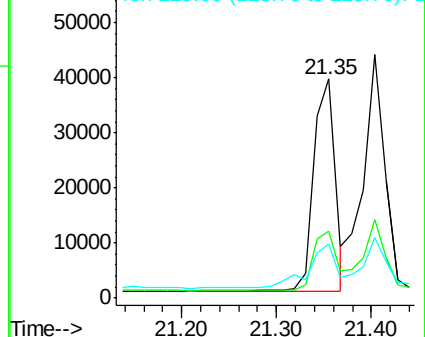
229 25.0 15.8 23.8#

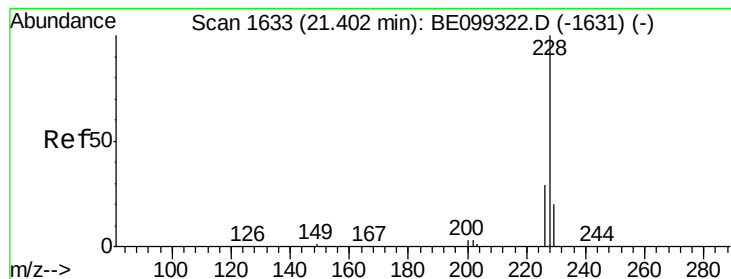


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.725 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

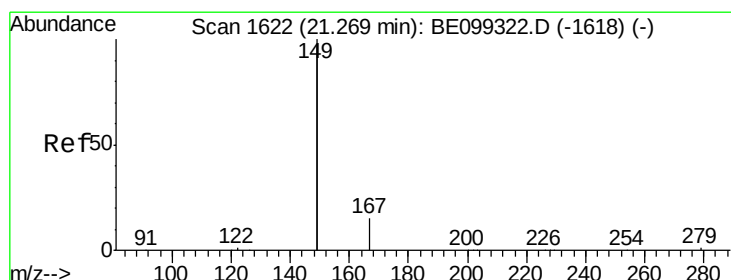
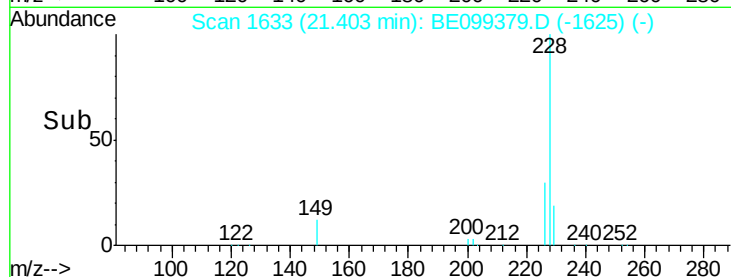
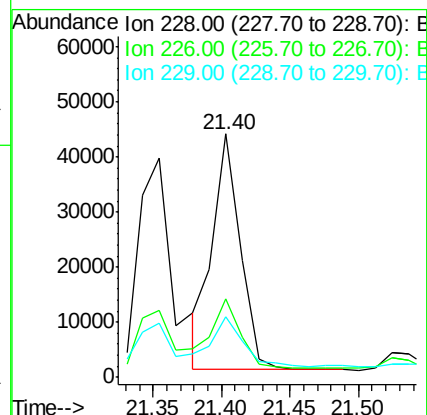
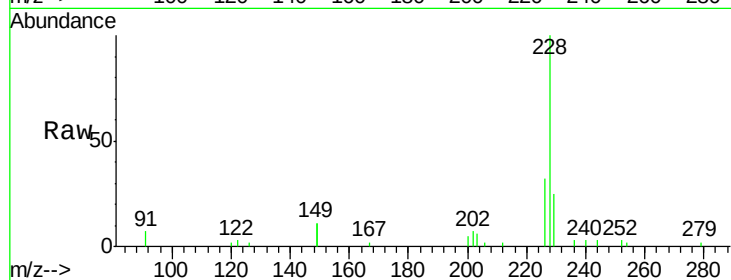
Tot Ion:228 Resp: 60195

Ion Ratio Lower Upper

228 100

226 32.0 23.4 35.2

229 25.0 16.2 24.2#



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.388 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

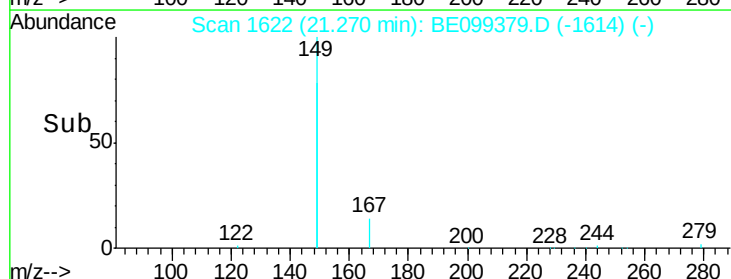
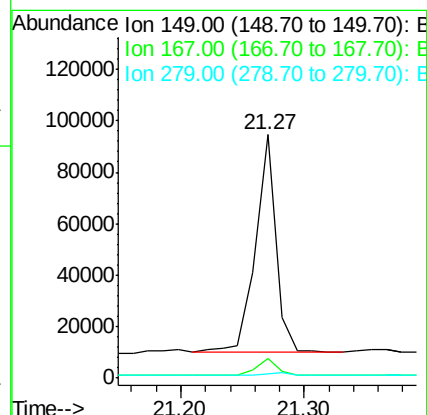
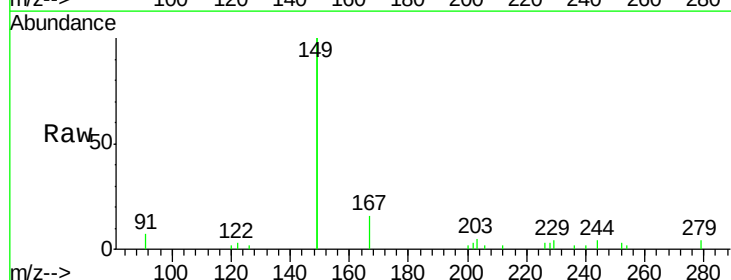
Tgt Ion:149 Resp: 98561

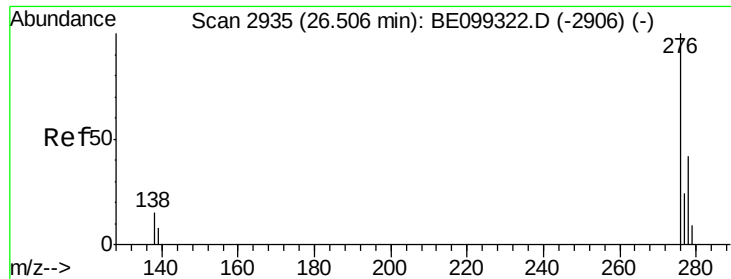
Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

279 1.5 1.1 1.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng

RT: 26.51 min Scan# 2937

Delta R.T. 0.02 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

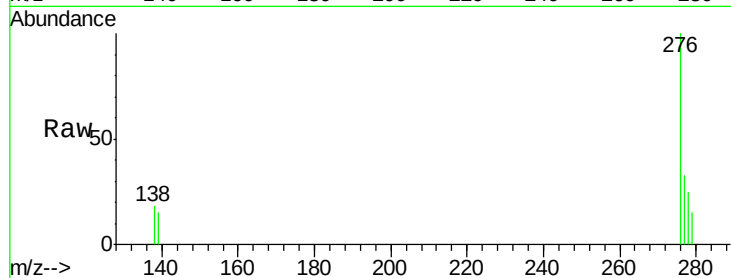
Tot Ion:276 Resp: 32413

Ion Ratio Lower Upper

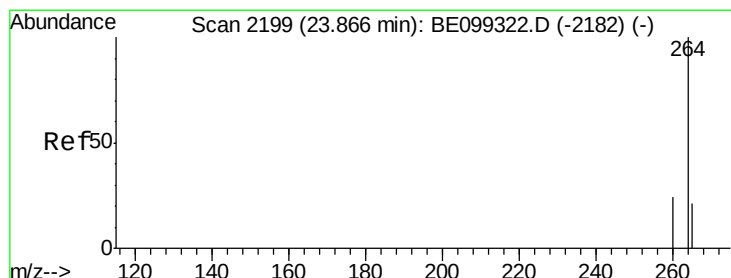
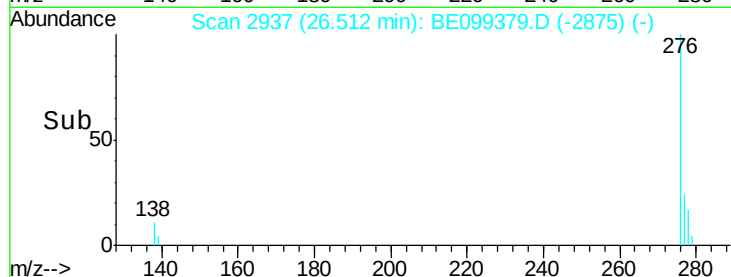
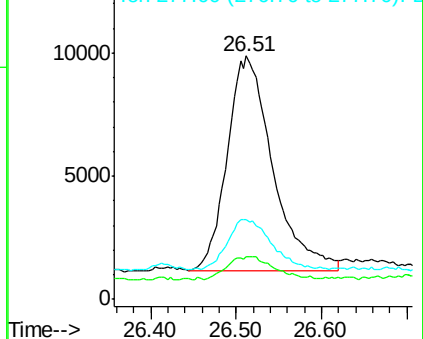
276 100

138 10.8 12.7 19.1#

277 22.6 19.6 29.4



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: BE099379.D

Acq: 26 Apr 2019 15:43

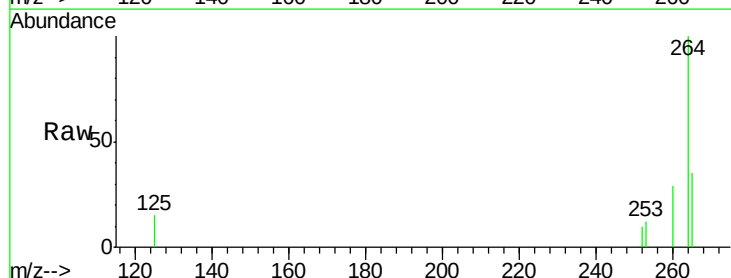
Tgt Ion:264 Resp: 29950

Ion Ratio Lower Upper

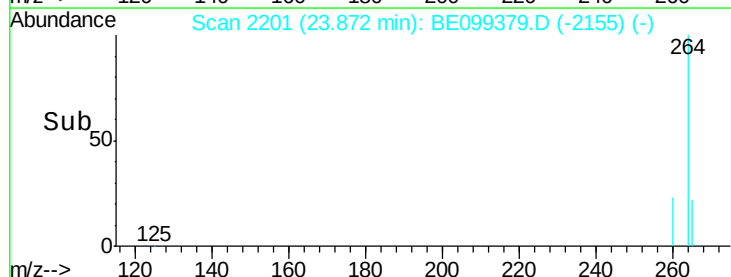
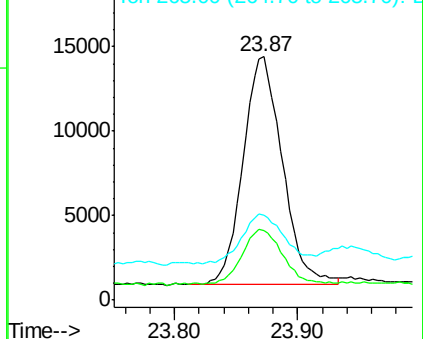
264 100

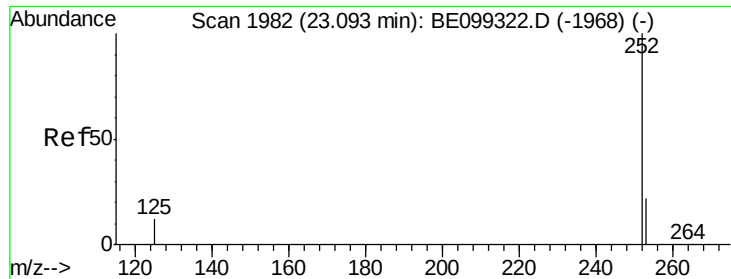
260 28.8 20.1 30.1

265 35.1 19.9 29.9#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.901 ng

RT: 23.10 min Scan# 1985

Delta R.T. 0.02 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

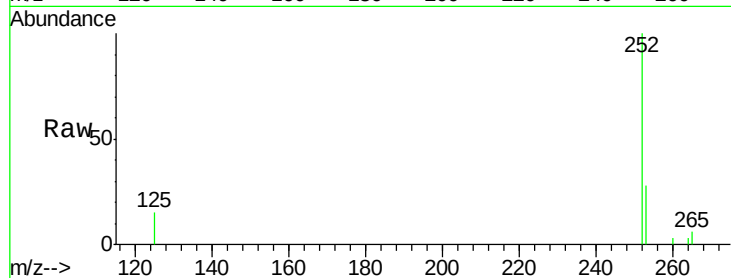
Tot Ion:252 Resp: 82626

Ion Ratio Lower Upper

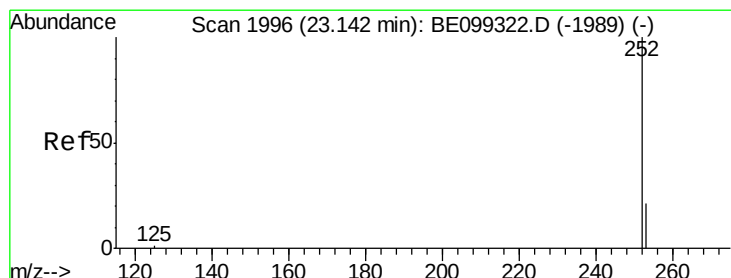
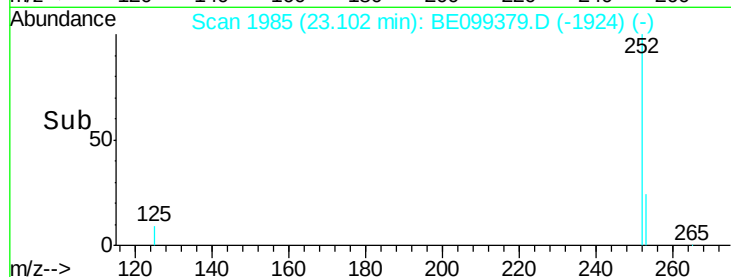
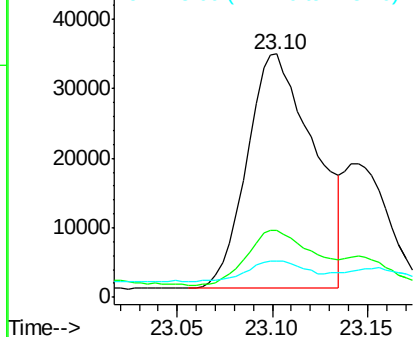
252 100

253 27.5 17.3 25.9#

125 14.9 5.8 8.6#



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: 0.904 ng

RT: 23.10 min Scan# 1985

Delta R.T. -0.03 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

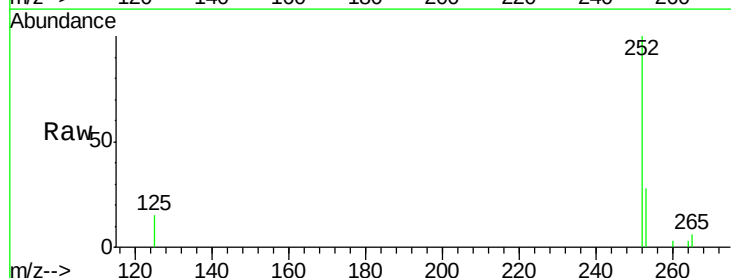
Tgt Ion:252 Resp: 82626

Ion Ratio Lower Upper

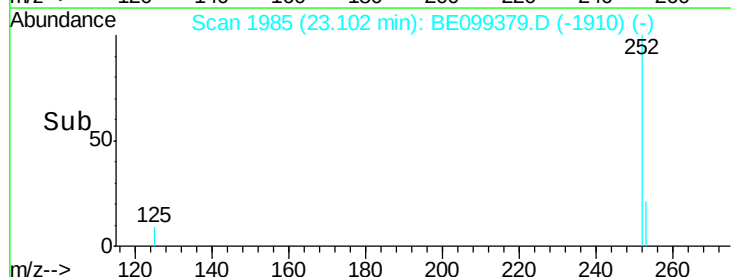
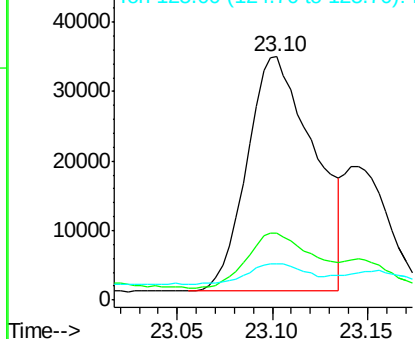
252 100

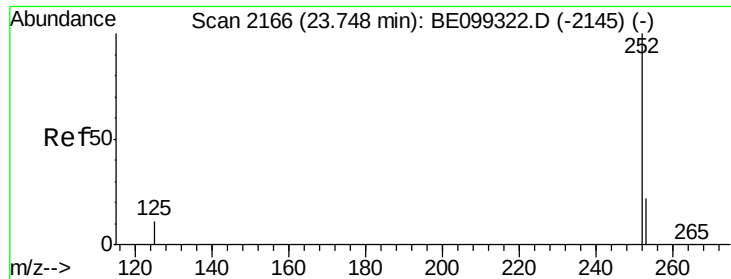
253 27.5 18.4 27.6

125 14.9 5.4 8.0#



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: 0.658 ng

RT: 23.75 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219

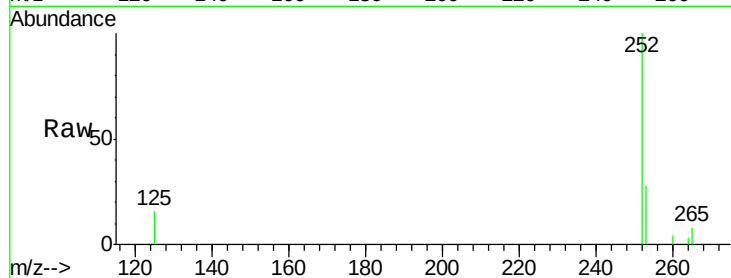
Tot Ion:252 Resp: 54088

Ion Ratio Lower Upper

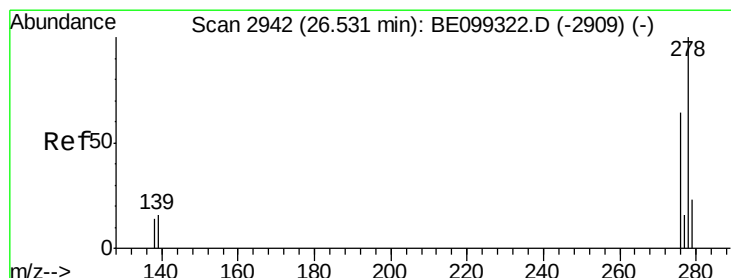
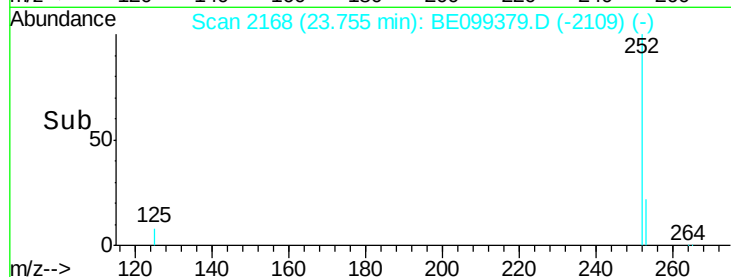
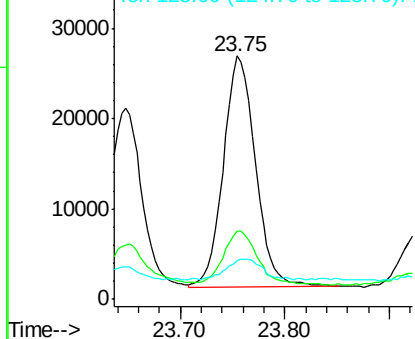
252 100

253 28.2 17.6 26.4#

125 15.9 6.5 9.7#



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: 0.099 ng

RT: 26.54 min Scan# 2944

Delta R.T. 0.02 min

Lab File: BE099379.D

Acq: 26 Apr 2019 15:43

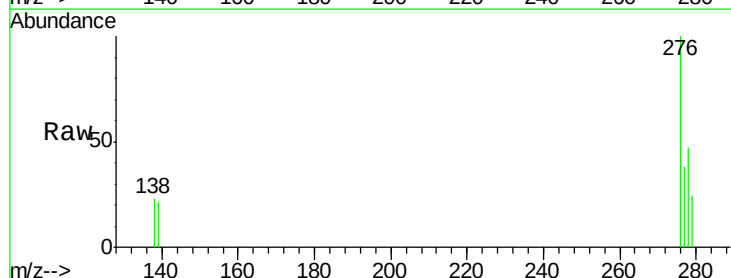
Tgt Ion:278 Resp: 8317

Ion Ratio Lower Upper

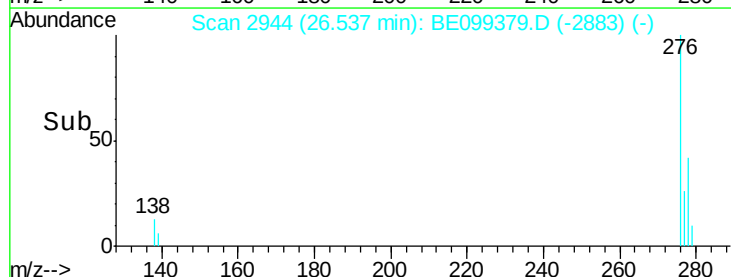
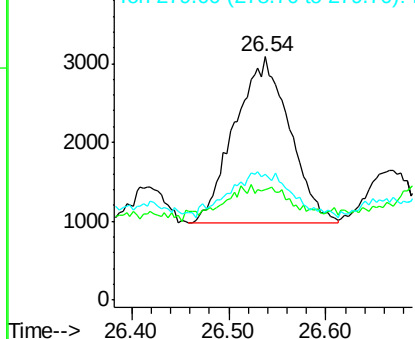
278 100

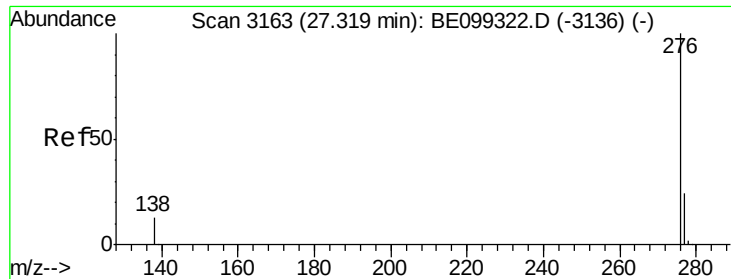
139 45.4 8.5 12.7#

279 51.6 19.8 29.8#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.365 ng

RT: 27.34 min Scan# 3169

Delta R.T. 0.03 min

Lab File: BE099379.D

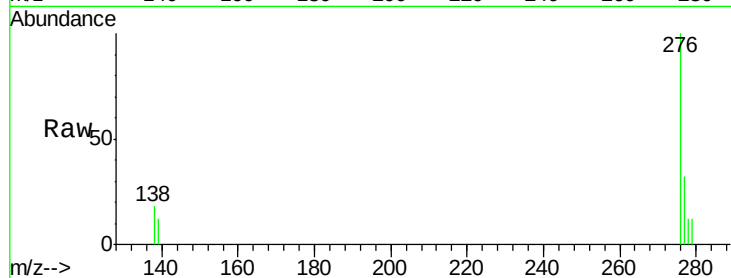
Acq: 26 Apr 2019 15:43

Instrument :

BNA_E

ClientSampleId :

PST-023-B183-042219



Tot Ion:276 Resp: 31100

Ion Ratio Lower Upper

276 100

277 32.3 20.0 30.0#

138 17.8 11.1 16.7#

