

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051519\
 Data File : BE099615.D
 Acq On : 15 May 2019 13:10
 Operator : JU/SJ
 Sample : K2551-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: May 16 06:42:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 14 19:30:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	8090	0.40	ng	0.01
7) Naphthalene-d8	10.64	136	7437	0.40	ng	0.03
13) Acenaphthene-d10	14.50	164	5024	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	14056	0.40	ng	0.01
27) Chrysene-d12	21.44	240	18239	0.40	ng	0.03
34) Perylene-d12	23.98	264	20973	0.40	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	733824	31.95	ng	0.02
5) Phenol-d6	7.00	99	1092753	37.54	ng	0.02
8) Nitrobenzene-d5	9.00	82	744418	103.38	ng	0.03
11) 2-Methylnaphthalene-d10	12.29	152	13	0.00	ng	0.07
14) 2,4,6-Tribromophenol	16.00	330	595443	173.26	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	1755991	90.76	ng	0.03
25) Fluoranthene-d10	19.28	212	94	0.00	ng	0.01
29) Terphenyl-d14	19.87	244	3852917	117.37	ng	0.01

Target Compounds

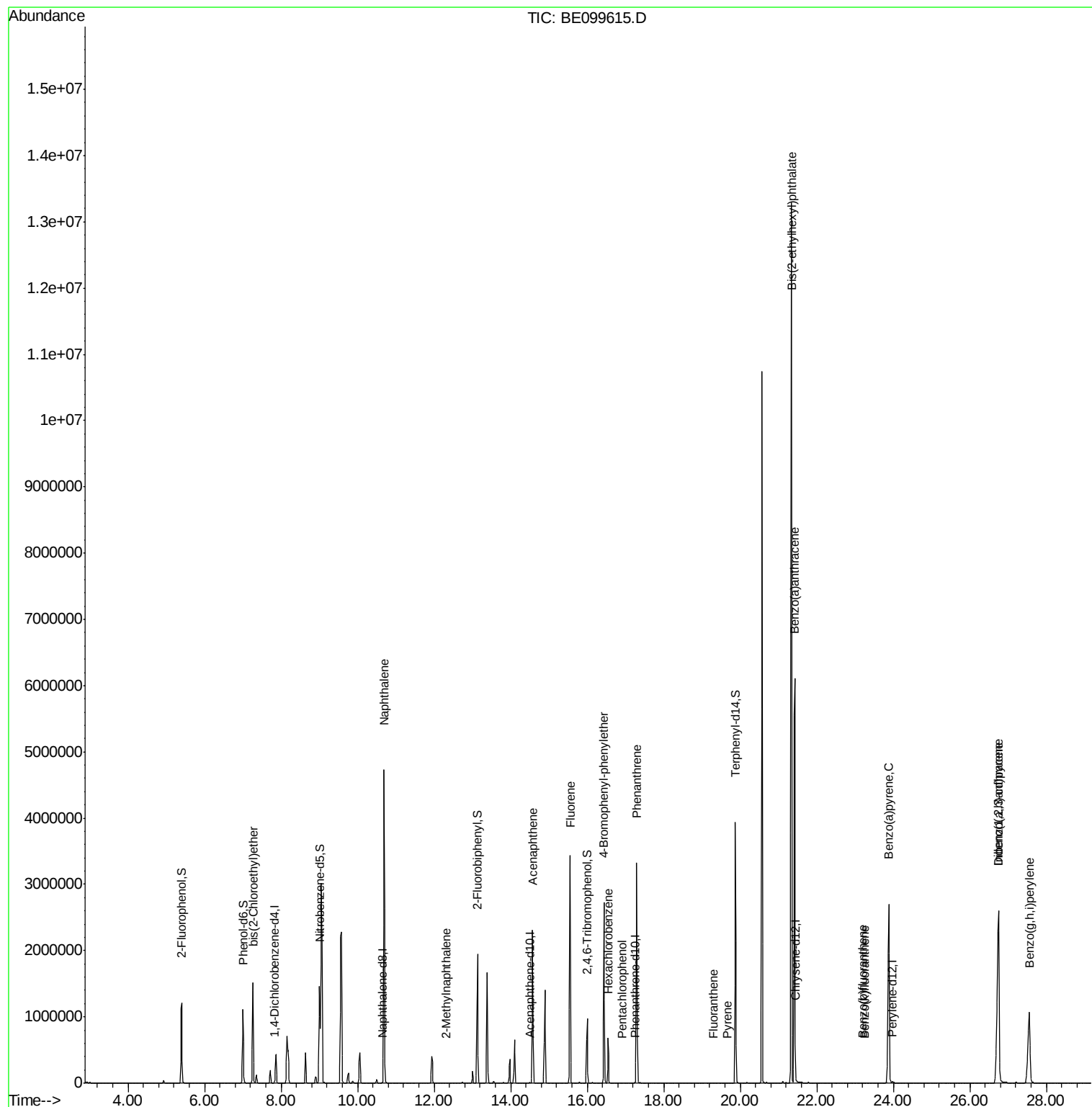
						Qvalue
6) bis(2-Chloroethyl)ether	7.26	93	638824	26.087	ng	90
9) Naphthalene	10.69	128	7494554	94.703	ng	99
12) 2-Methylnaphthalene	12.31	142	296	0.023	ng	87
17) Acenaphthene	14.57	154	1125113	84.022	ng	98
18) Fluorene	15.55	166	2412513	125.596	ng	100
20) 4-Bromophenyl-phenylether	16.44	248	1455682	179.612	ng	# 89
21) Hexachlorobenzene	16.55	284	627209	78.775	ng	97
22) Pentachlorophenol	16.91	266	237	0.326	ng	88
23) Phenanthrene	17.30	178	3509706	100.587	ng	97
26) Fluoranthene	19.31	202	1990	0.038	ng	# 95
28) Pyrene	19.67	202	2365	0.051	ng	# 91
30) Benzo(a)anthracene	21.43	228	6494406	117.827	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.34	149	19842819	233.445	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.75	276	1421121	20.113	ng	# 86
35) Benzo(b)fluoranthene	23.19	252	3126	0.053	ng	# 1
36) Benzo(k)fluoranthene	23.24	252	1338	0.023	ng	# 8
37) Benzo(a)pyrene	23.88	252	5059101	89.067	ng	# 95
38) Dibenzo(a,h)anthracene	26.75	278	5728060	97.242	ng	# 97
39) Benzo(g,h,i)perylene	27.55	276	3120550	52.679	ng	98

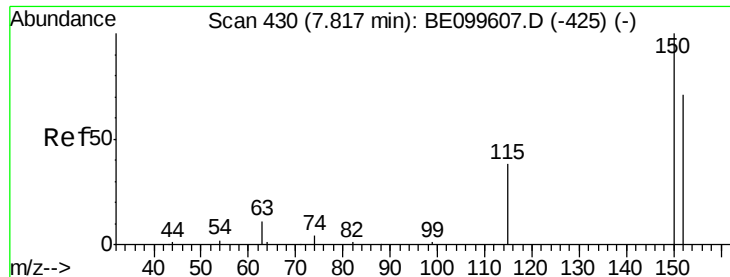
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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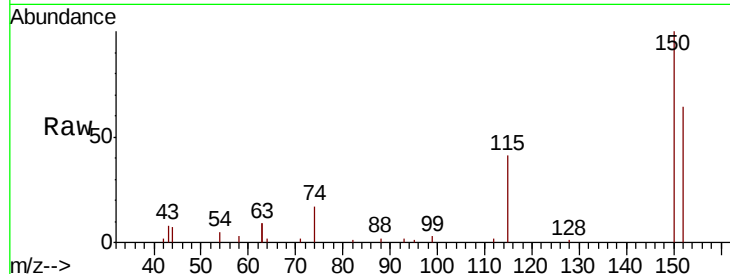




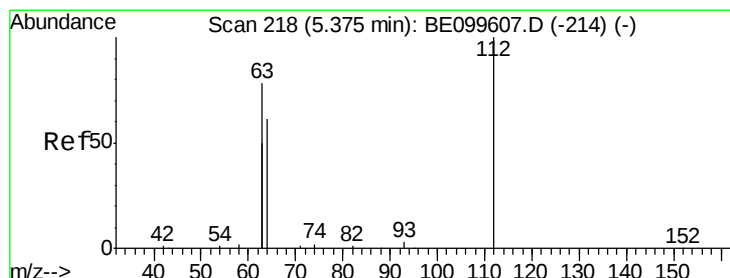
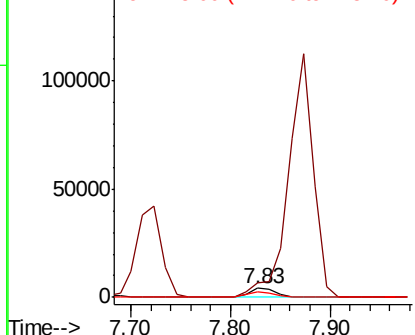
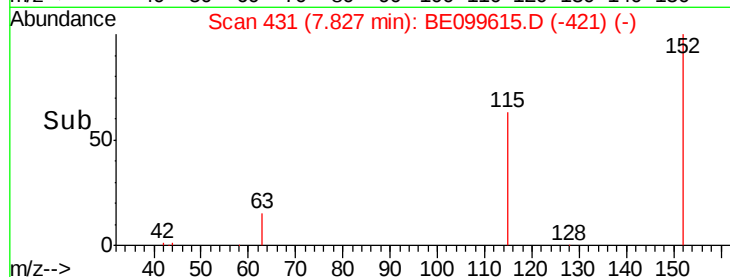
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.83 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BE099615.D
 Acq: 15 May 2019 13:10

Instrument :
 BNA_E
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:152 Resp: 8090
 Ion Ratio Lower Upper
 152 100
 150 155.9 110.1 165.1
 115 64.4 46.2 69.4

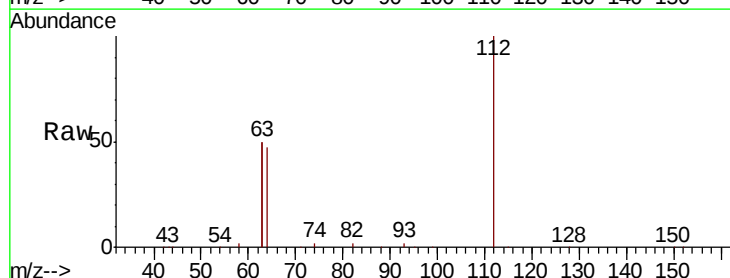


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

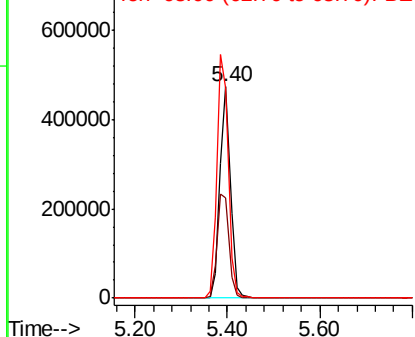
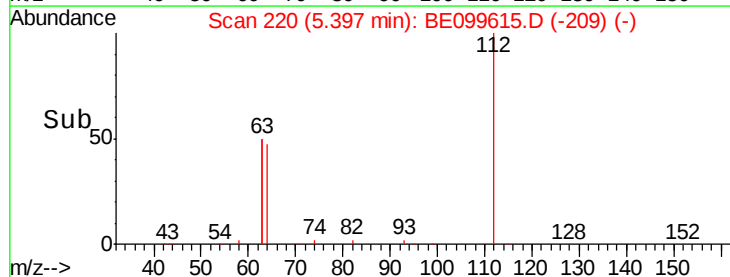


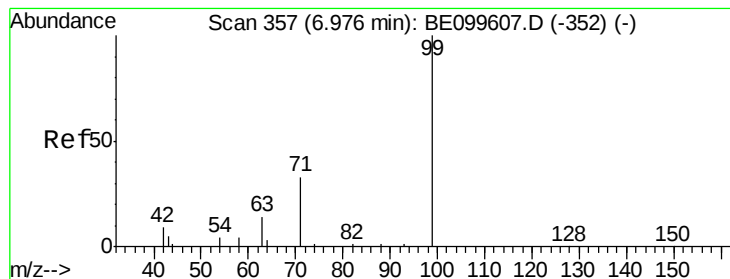
#4
 2-Fluorophenol
 Concen: 31.953 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BE099615.D
 Acq: 15 May 2019 13:10

Tgt Ion:112 Resp: 733824
 Ion Ratio Lower Upper
 112 100
 64 56.2 43.7 65.5
 63 125.3 94.0 141.0



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





#5

Phenol-d6

Concen: 37.535 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

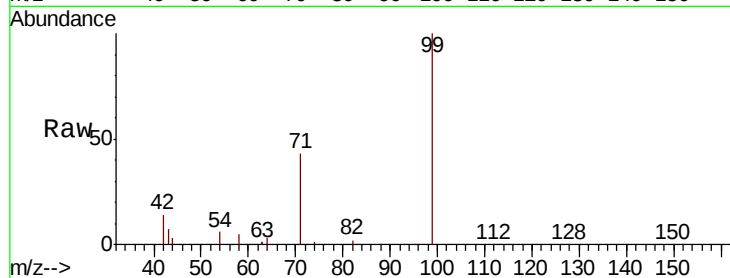
Tgt Ion: 99 Resp: 1092753

Ion Ratio Lower Upper

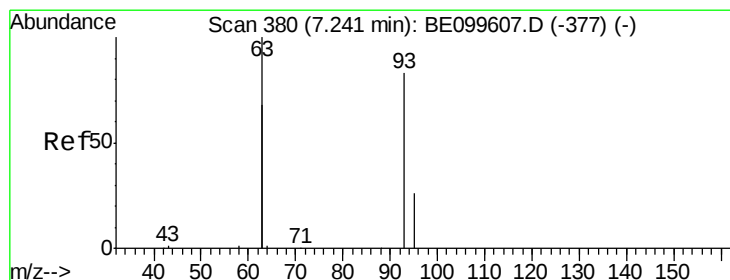
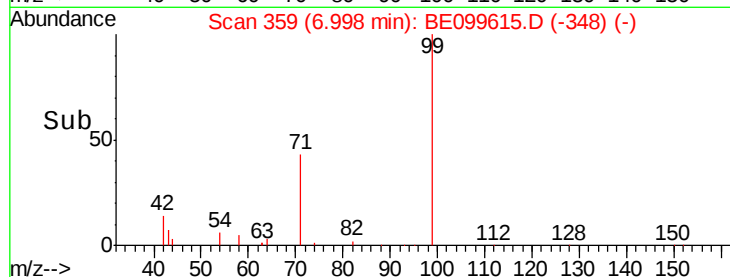
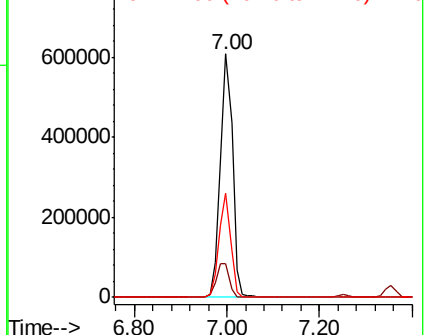
99 100

42 14.9 14.3 21.5

71 40.4 33.1 49.7



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



#6

bis(2-Chloroethyl)ether

Concen: 26.087 ng

RT: 7.26 min Scan# 382

Delta R.T. 0.02 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

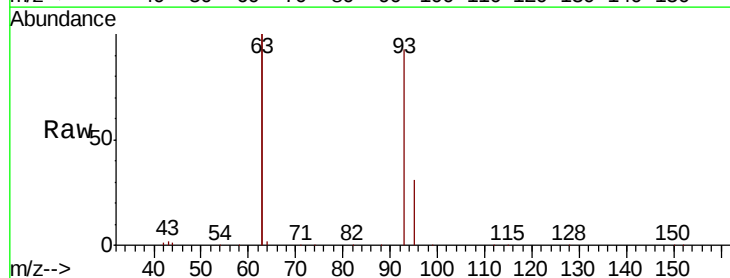
Tgt Ion: 93 Resp: 638824

Ion Ratio Lower Upper

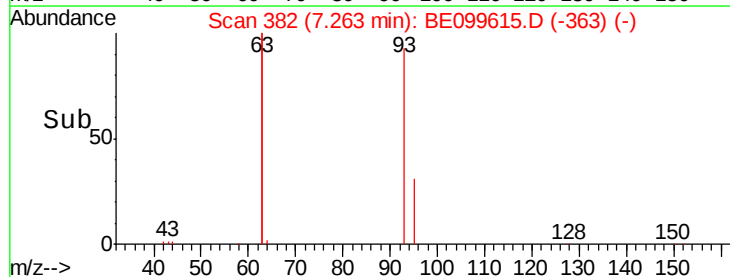
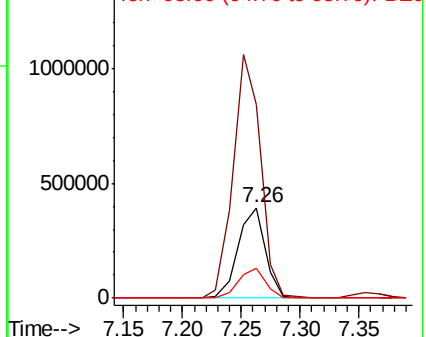
93 100

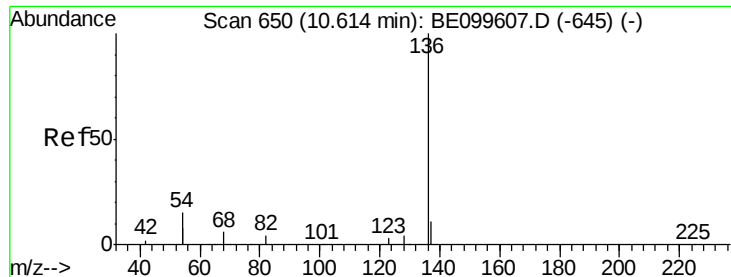
63 269.7 201.0 301.4

95 32.8 25.0 37.4



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

Tgt Ion:136 Resp: 7437

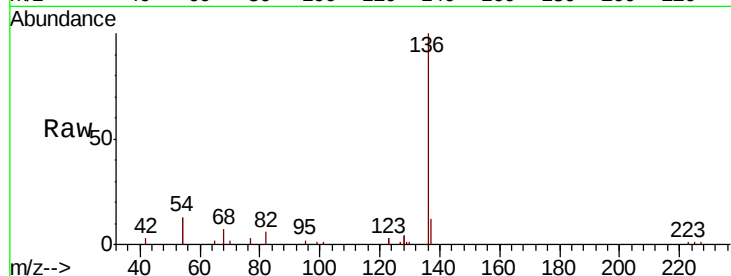
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 25.1 23.8 35.8

68 7.0 6.2 9.2

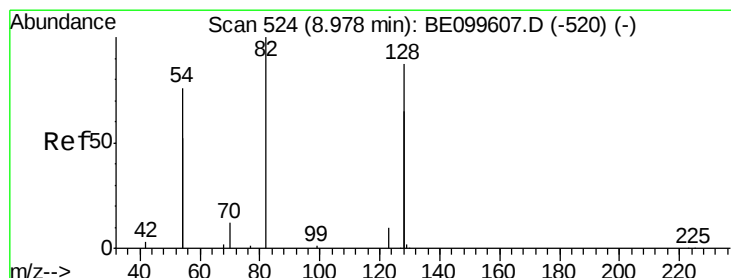
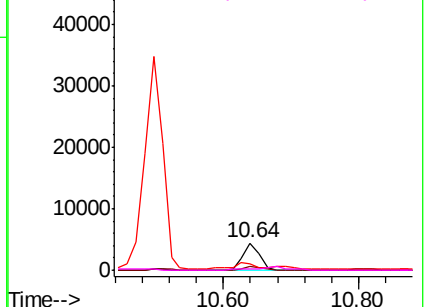
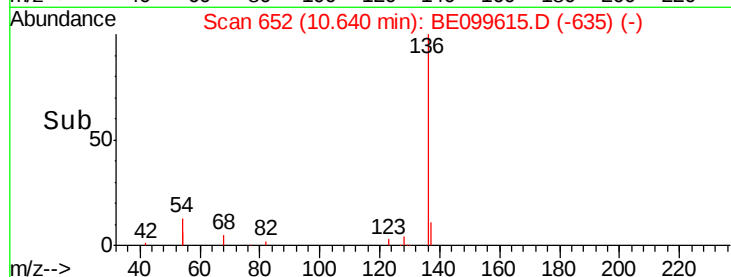


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.380 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

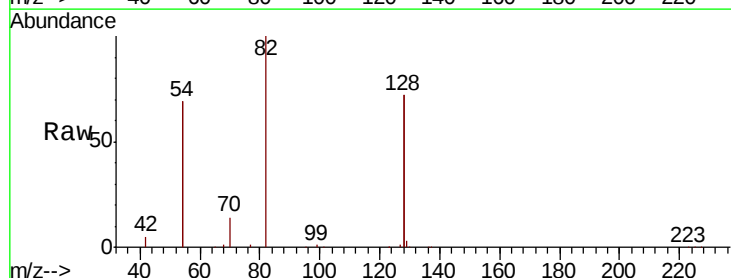
Tgt Ion: 82 Resp: 744418

Ion Ratio Lower Upper

82 100

128 144.2 131.4 197.2

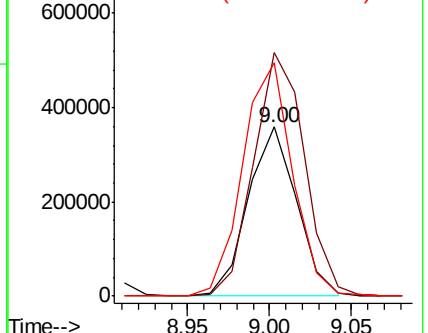
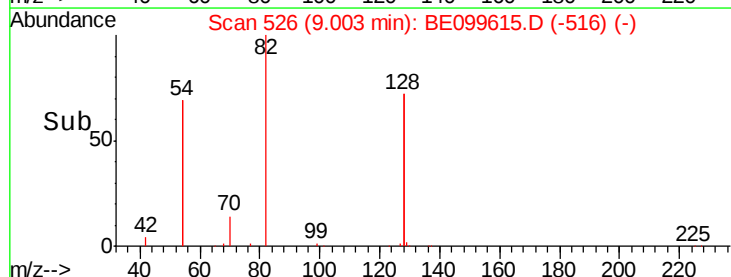
54 137.9 113.9 170.9

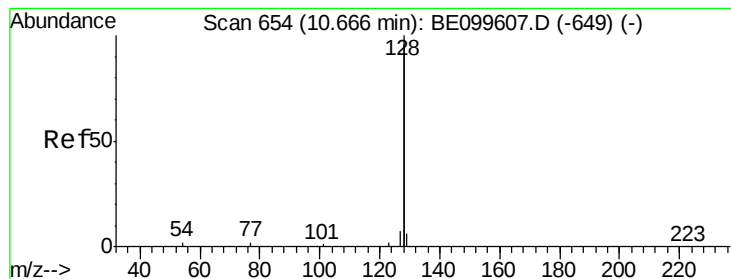


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 94.703 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

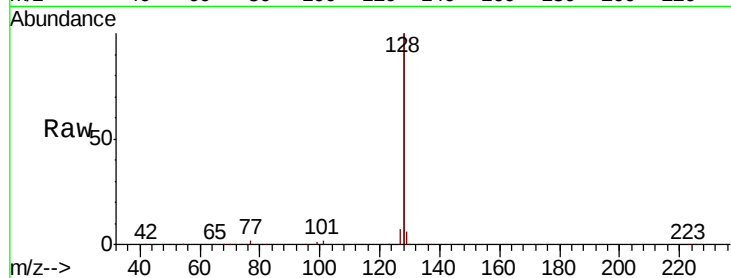
Tgt Ion:128 Resp: 7494554

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

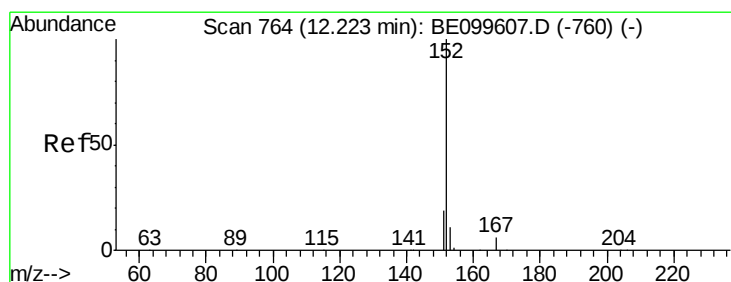
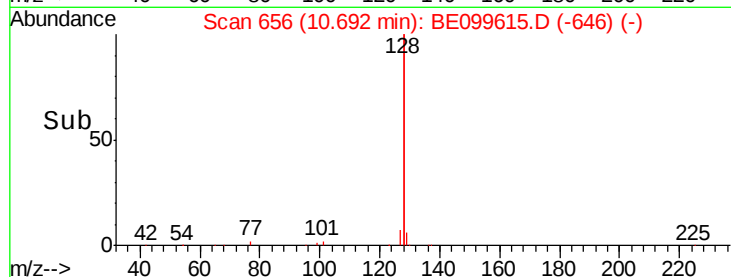
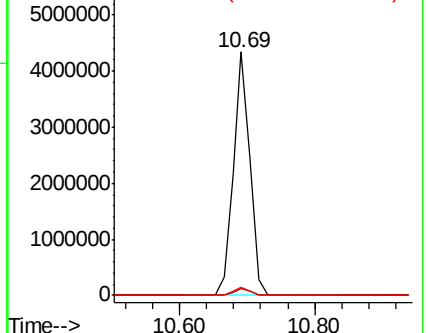
127 3.5 3.0 4.6



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: 0.001 ng

RT: 12.29 min Scan# 769

Delta R.T. 0.07 min

Lab File: BE099615.D

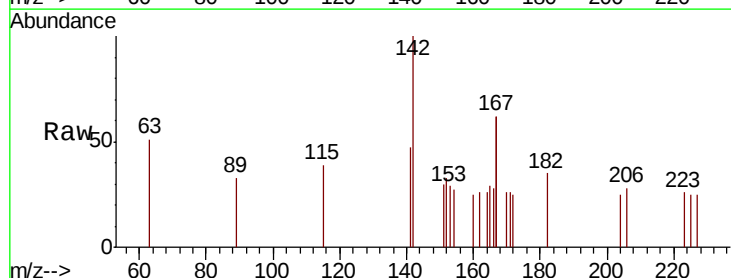
Acq: 15 May 2019 13:10

Tgt Ion:152 Resp: 13

Ion Ratio Lower Upper

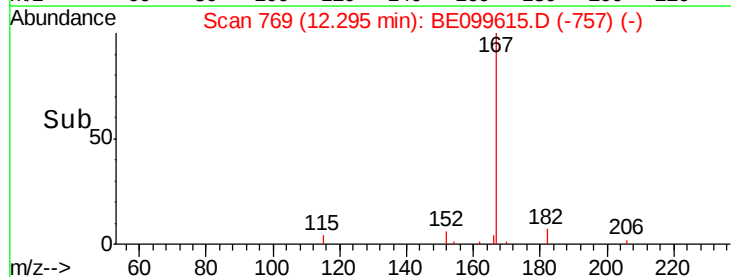
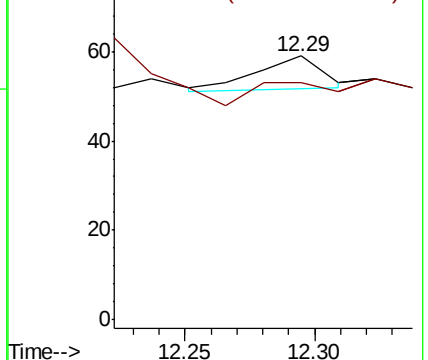
152 100

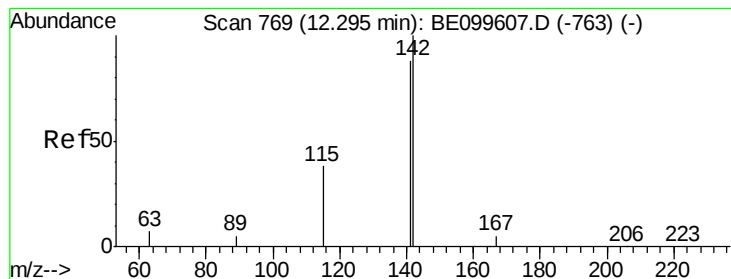
151 84.6 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.023 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

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ClientSampleId :

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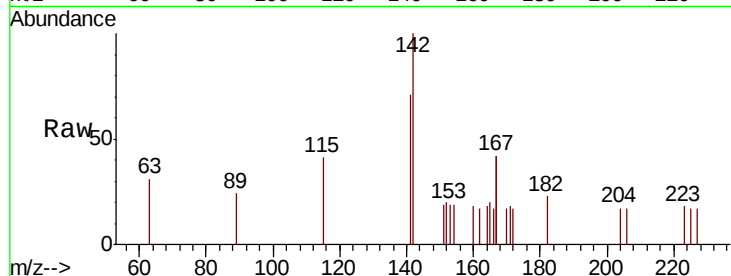
Tgt Ion:142 Resp: 296

Ion Ratio Lower Upper

142 100

141 71.0 70.4 105.6

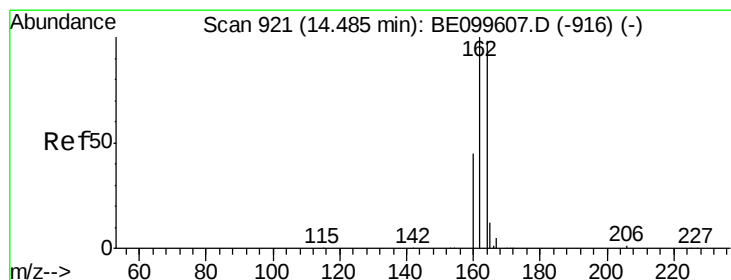
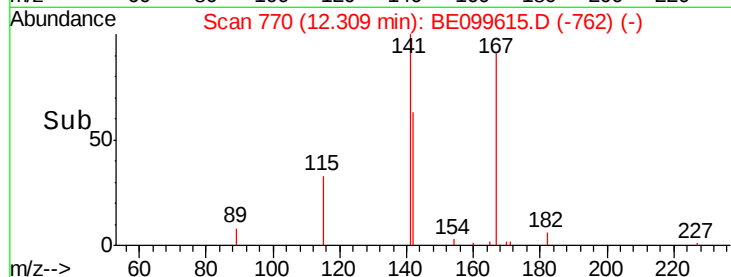
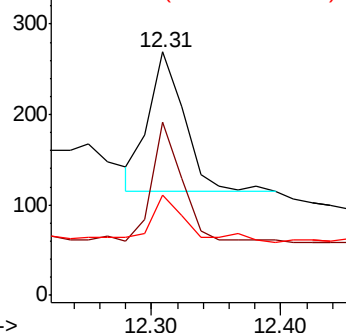
115 41.3 32.2 48.4



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: 14.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

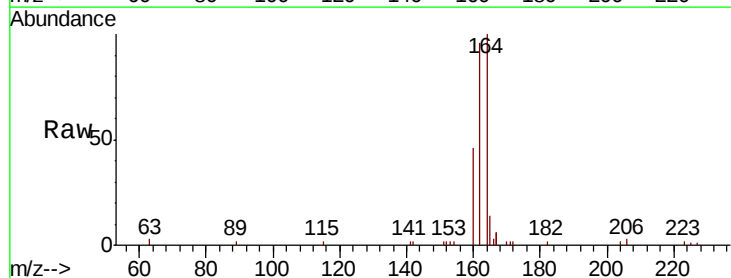
Tgt Ion:164 Resp: 5024

Ion Ratio Lower Upper

164 100

162 96.4 81.4 122.0

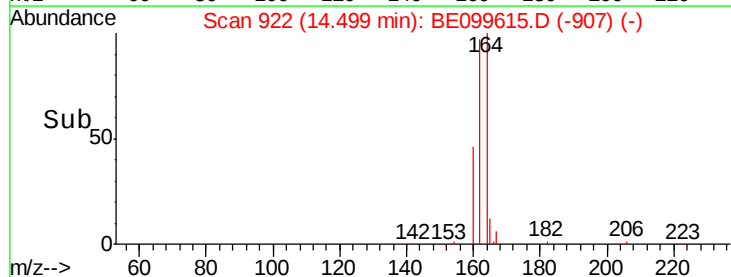
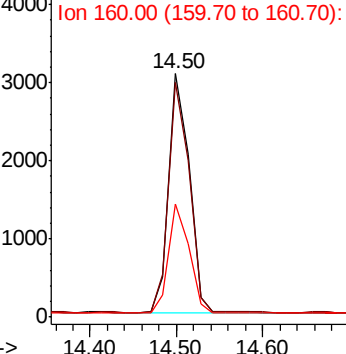
160 46.5 37.4 56.2

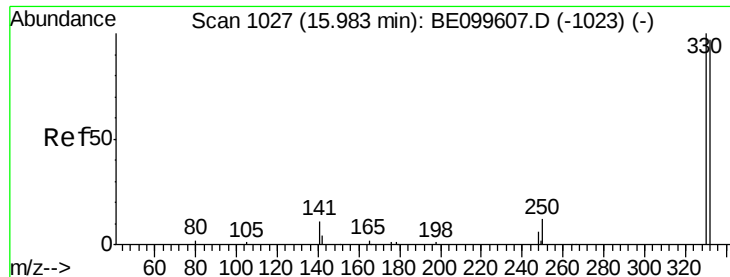


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 173.260 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

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ClientSampled :

PT-BNA-SOIL

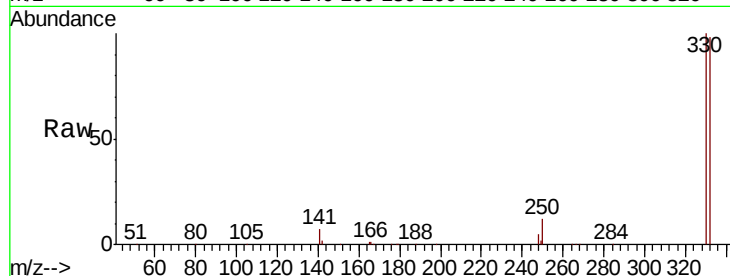
Tgt Ion:330 Resp: 595443

Ion Ratio Lower Upper

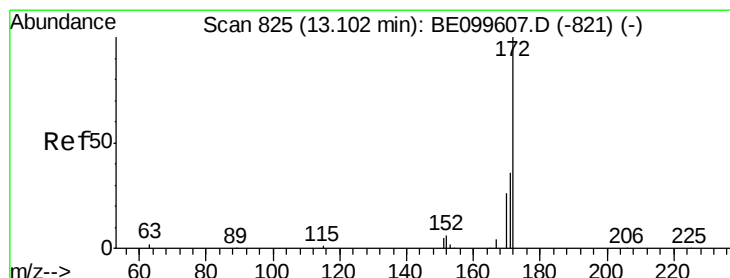
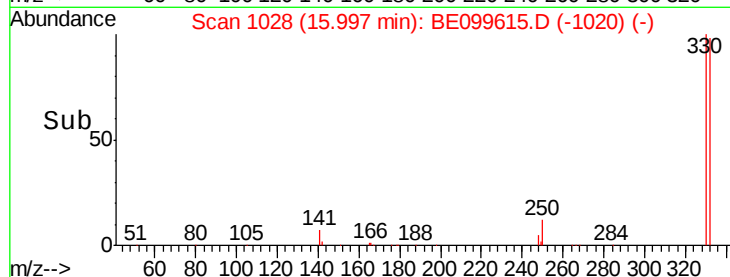
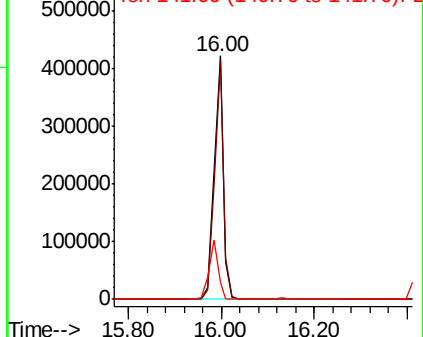
330 100

332 96.1 73.8 110.8

141 23.9 21.0 31.6



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: 90.764 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

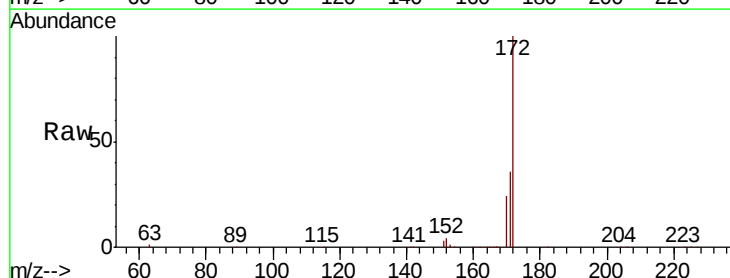
Tgt Ion:172 Resp: 1755991

Ion Ratio Lower Upper

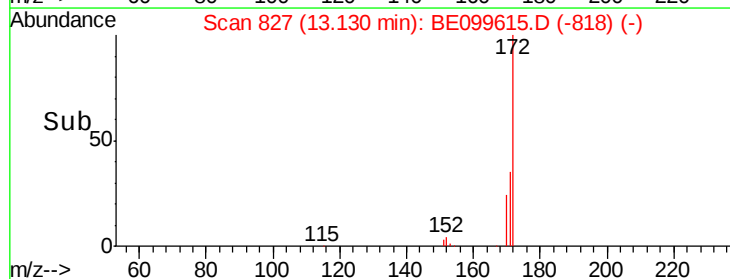
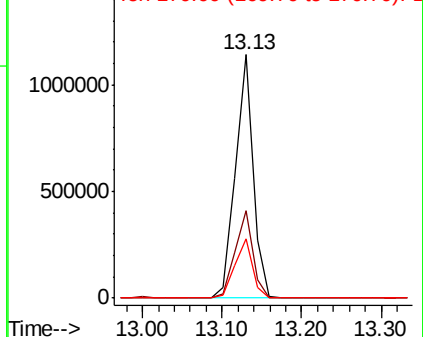
172 100

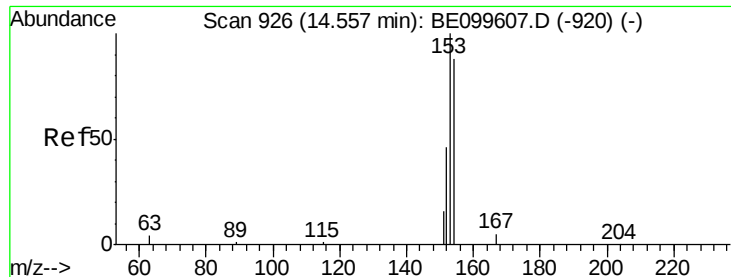
171 35.9 29.4 44.2

170 24.4 21.5 32.3



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





#17

Acenaphthene

Concen: 84.022 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

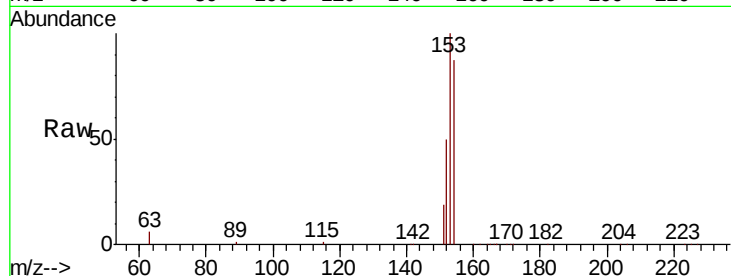
Tgt Ion:154 Resp: 1125113

Ion Ratio Lower Upper

154 100

153 114.8 94.1 141.1

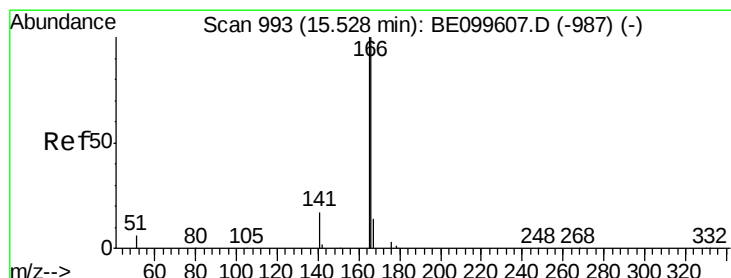
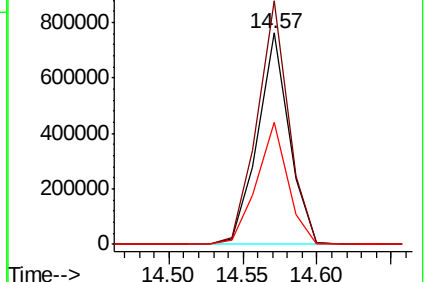
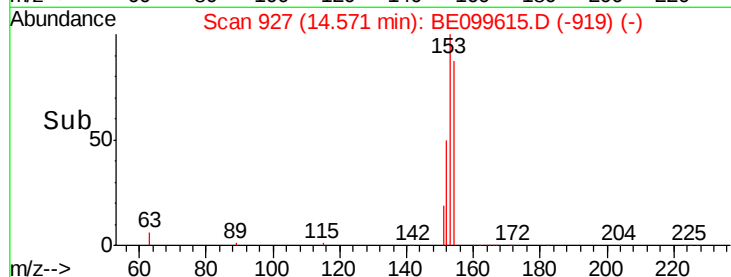
152 56.9 46.5 69.7



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: 125.596 ng

RT: 15.55 min Scan# 995

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

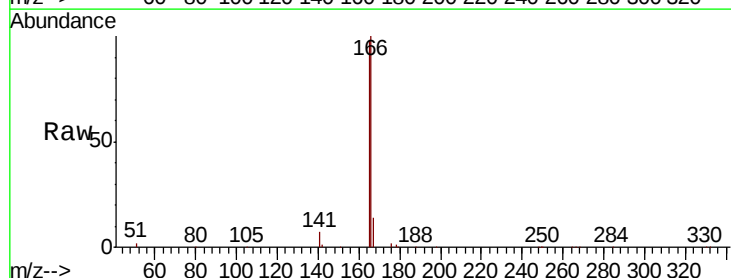
Tgt Ion:166 Resp: 2412513

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

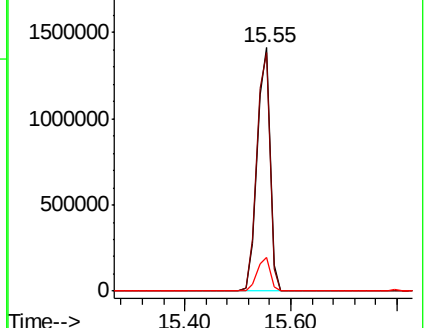
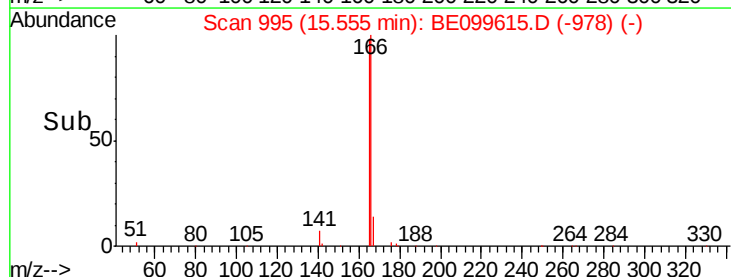
167 14.1 11.2 16.8

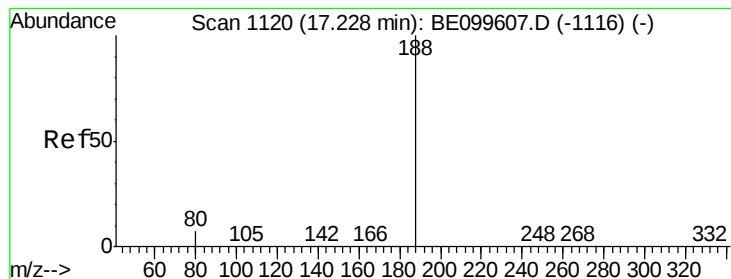


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

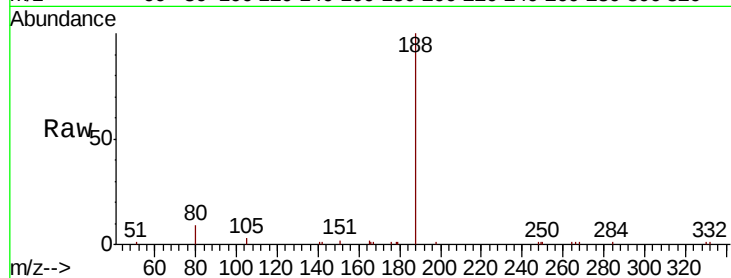
Tgt Ion:188 Resp: 14056

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

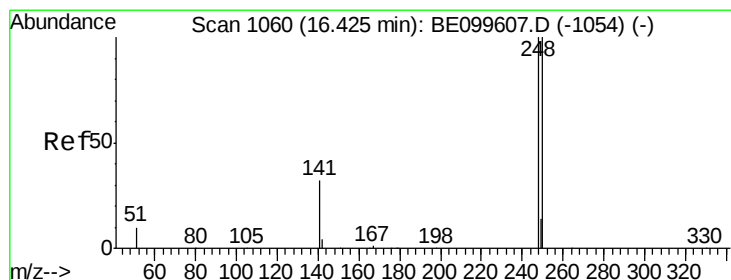
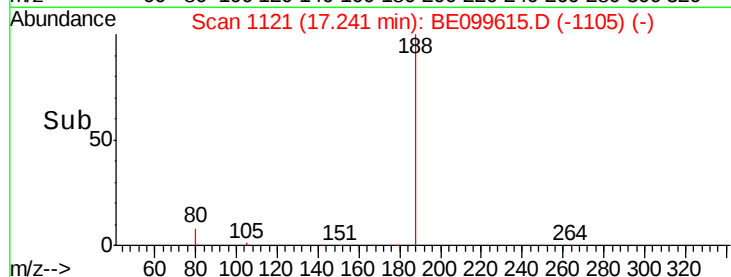
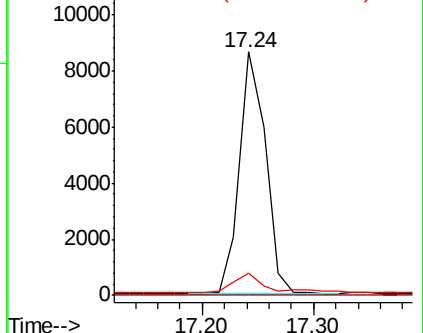
80 9.0 6.4 9.6



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



#20

4-Bromophenyl-phenylether

Concen: 179.612 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

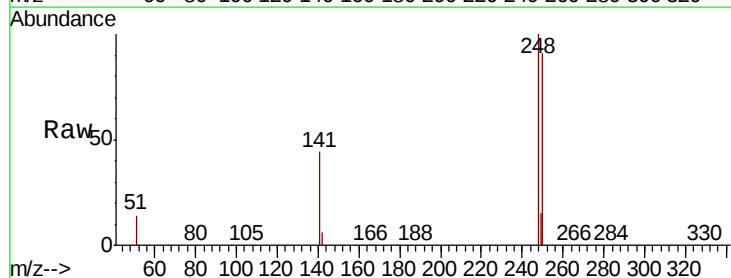
Tgt Ion:248 Resp: 1455682

Ion Ratio Lower Upper

248 100

250 90.6 80.4 120.6

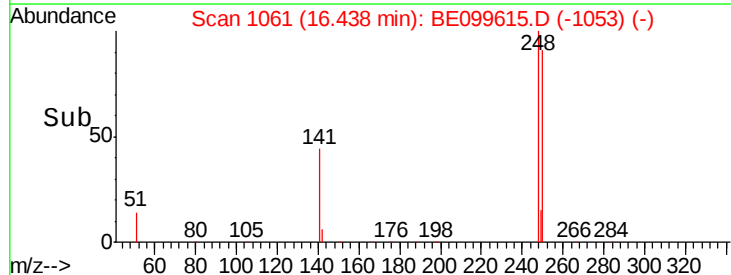
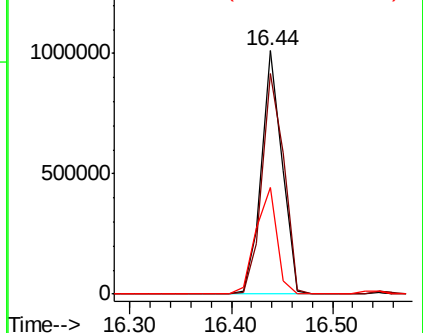
141 44.0 27.8 41.8#

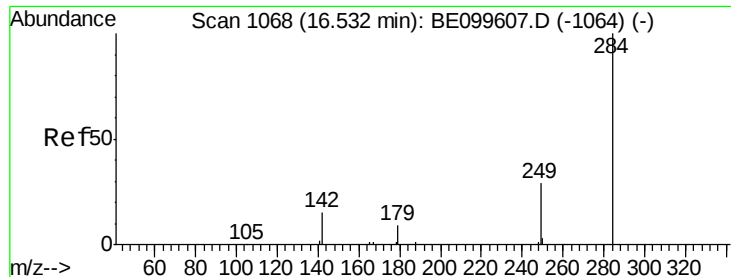


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 78.775 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

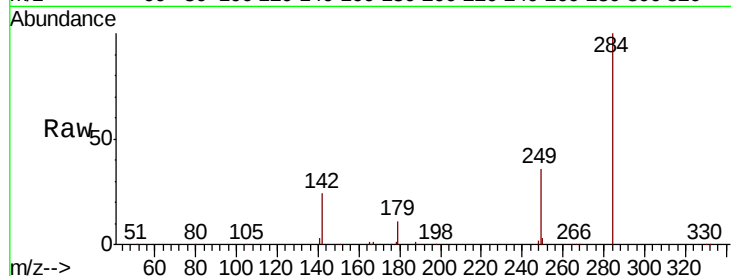
Tgt Ion:284 Resp: 627209

Ion Ratio Lower Upper

284 100

142 22.2 19.4 29.2

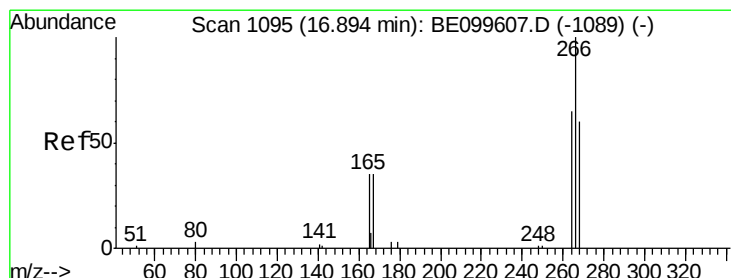
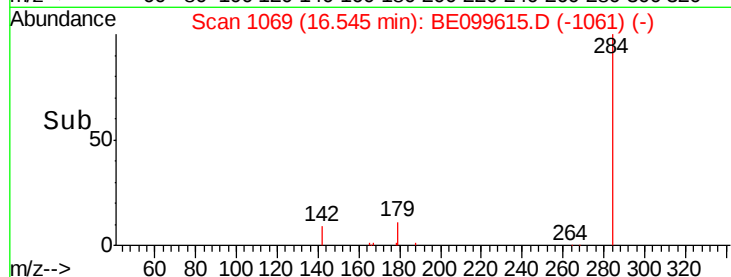
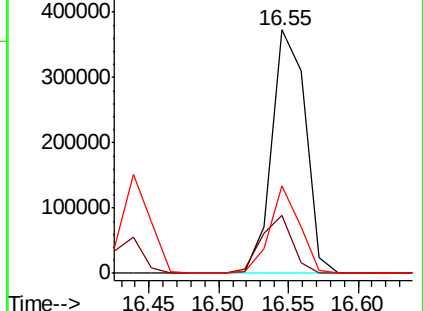
249 31.8 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.326 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

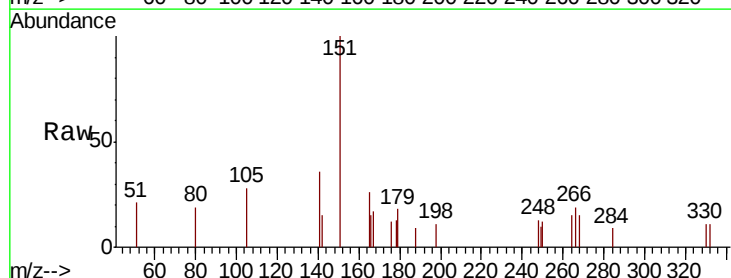
Tgt Ion:266 Resp: 237

Ion Ratio Lower Upper

266 100

264 81.2 57.7 86.5

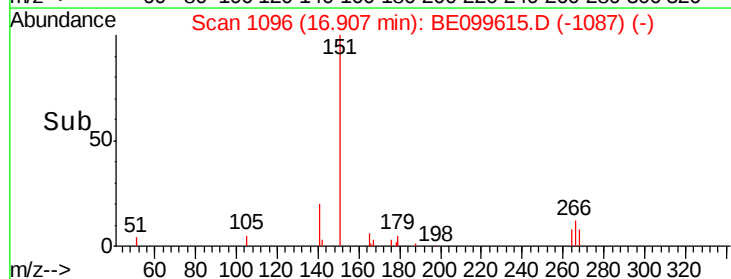
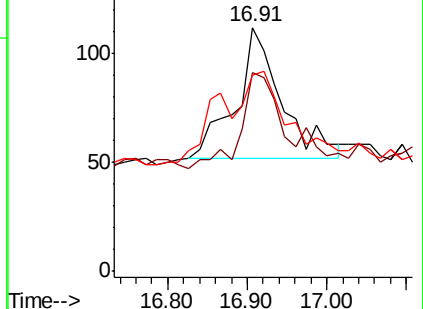
268 80.4 55.8 83.8

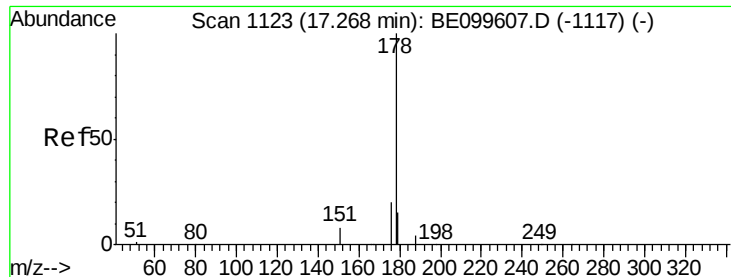


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 100.587 ng

RT: 17.30 min Scan# 1125

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

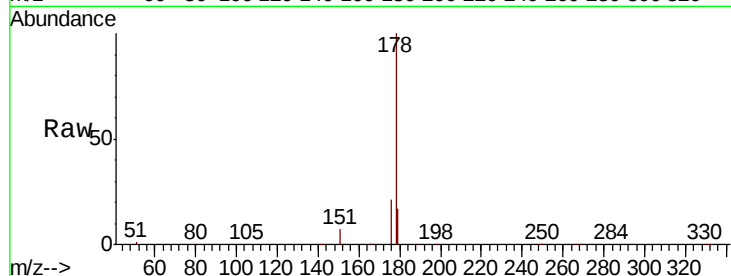
Tgt Ion:178 Resp: 3509706

Ion Ratio Lower Upper

178 100

176 21.2 15.7 23.5

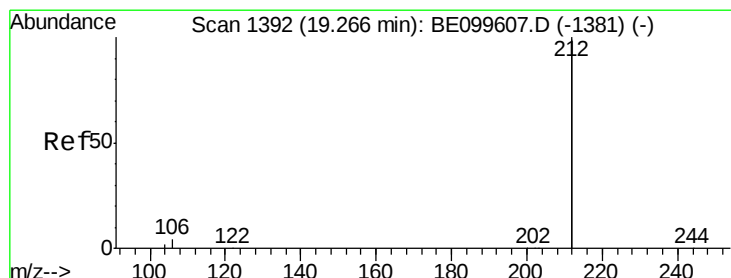
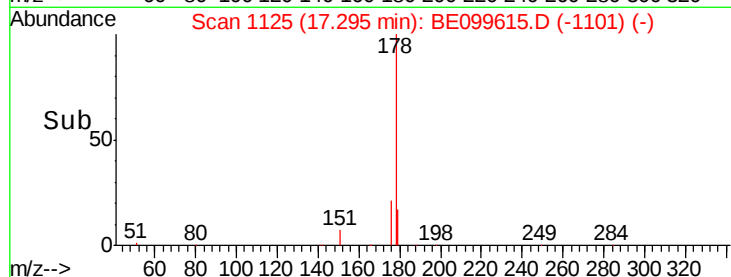
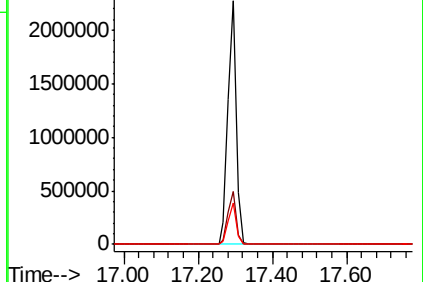
179 16.4 12.2 18.2



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: 0.001 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

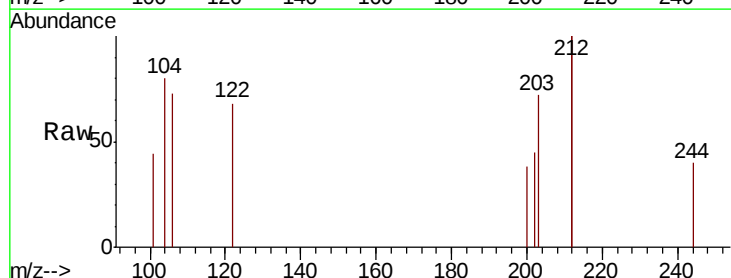
Tgt Ion:212 Resp: 94

Ion Ratio Lower Upper

212 100

106 39.4 1.4 2.2#

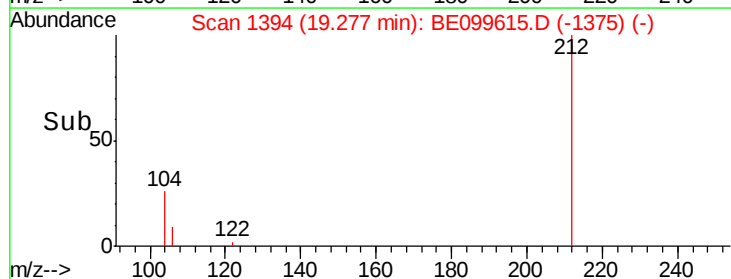
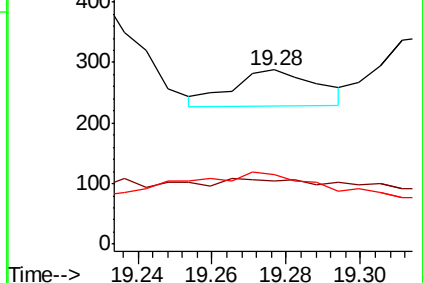
104 144.7 0.9 1.3#

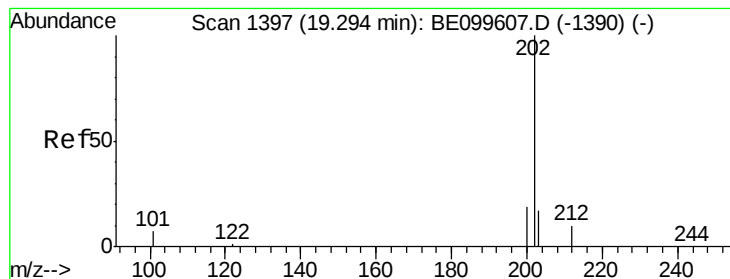


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.038 ng

RT: 19.31 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

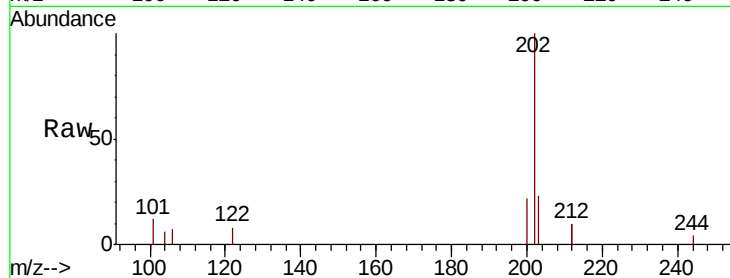
Tgt Ion:202 Resp: 1990

Ion Ratio Lower Upper

202 100

101 8.1 5.0 7.6#

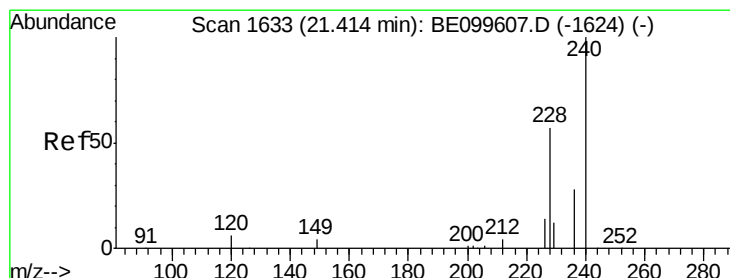
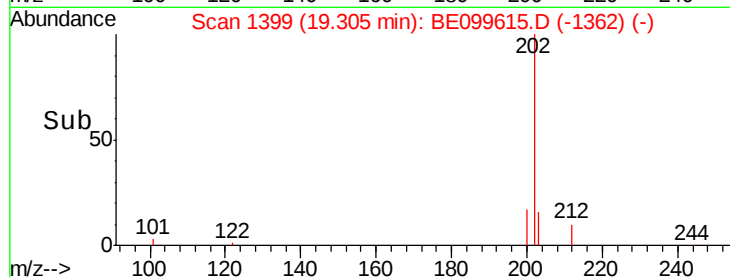
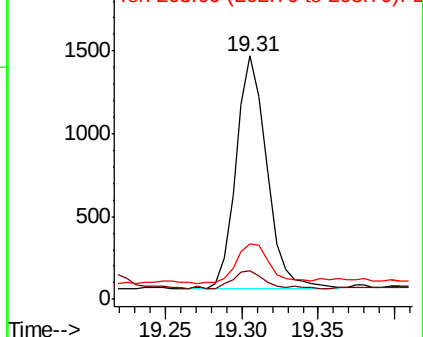
203 19.2 13.7 20.5



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: 21.44 min Scan# 1636

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

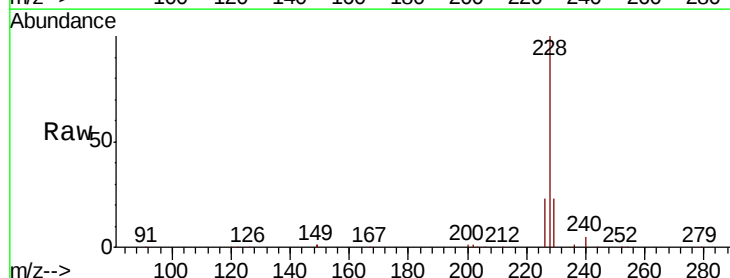
Tgt Ion:240 Resp: 18239

Ion Ratio Lower Upper

240 100

120 2.3 5.7 8.5#

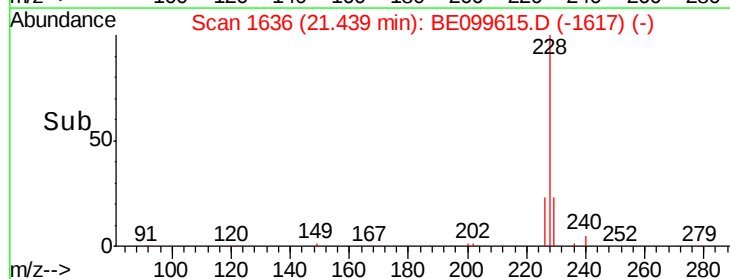
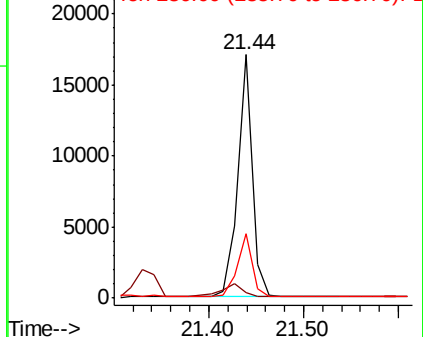
236 26.5 22.8 34.2

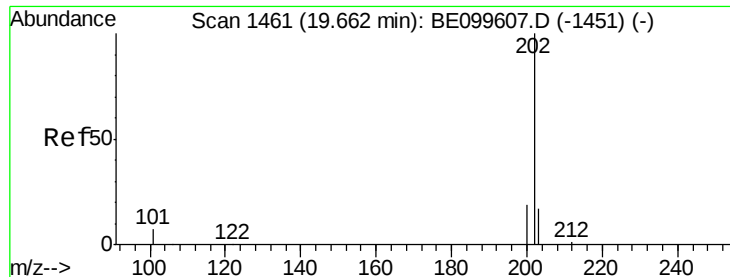


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

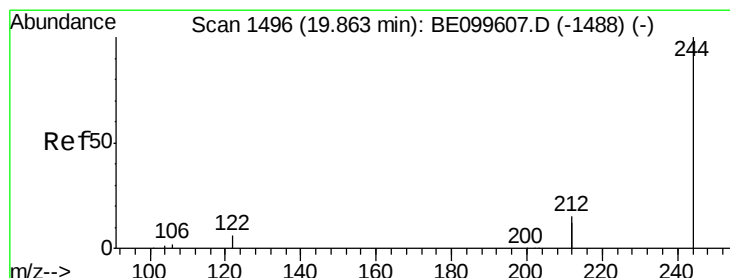
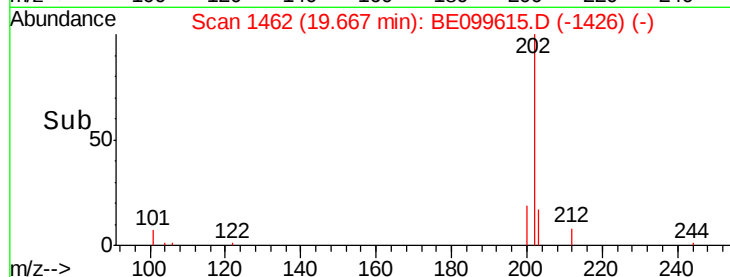
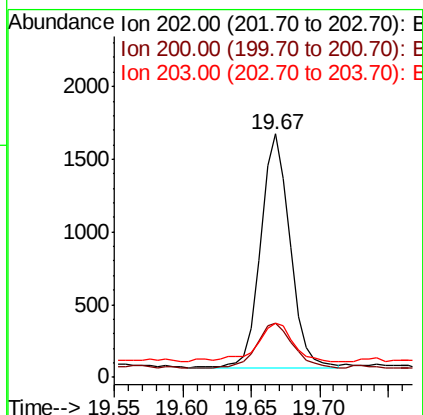
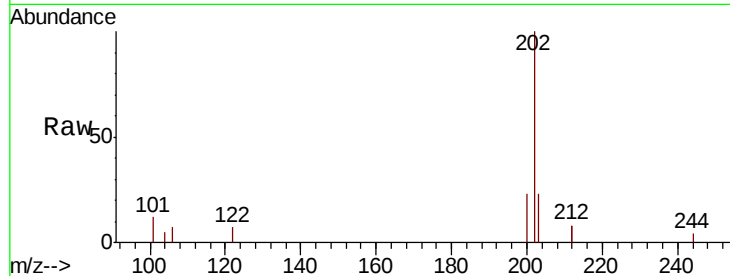




#28
 Pyrene
 Concen: 0.051 ng
 RT: 19.67 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BE099615.D
 Acq: 15 May 2019 13:10

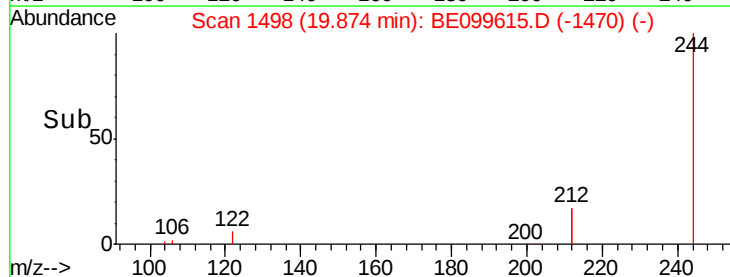
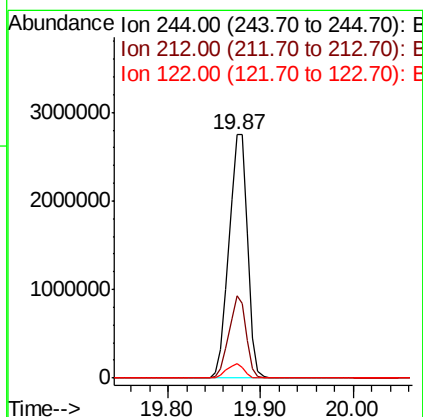
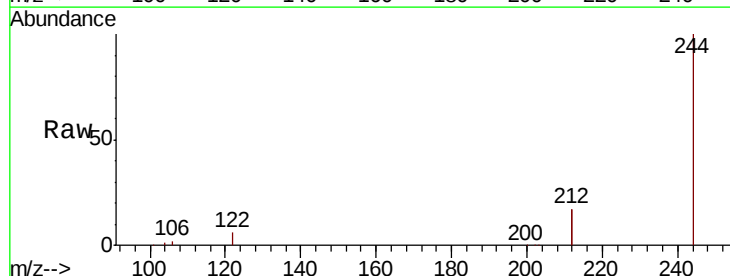
Instrument :
 BNA_E
 ClientSampleId :
 PT-BNA-SOIL

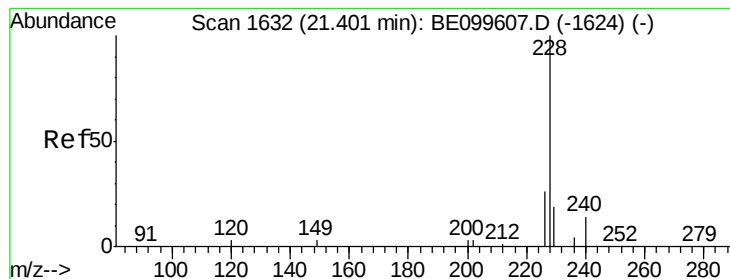
Tgt Ion: 202 Resp: 2365
 Ion Ratio Lower Upper
 202 100
 200 24.2 15.8 23.6#
 203 21.0 14.1 21.1



#29
 Terphenyl-d14
 Concen: 117.370 ng
 RT: 19.87 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BE099615.D
 Acq: 15 May 2019 13:10

Tgt Ion: 244 Resp: 3852917
 Ion Ratio Lower Upper
 244 100
 212 33.7 23.8 35.6
 122 6.1 5.0 7.6





#30

Benzo(a)anthracene

Concen: 117.827 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

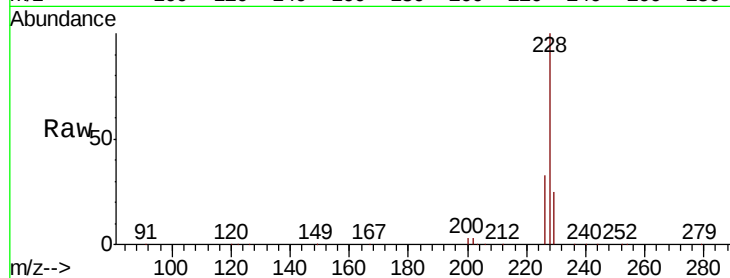
Tgt Ion:228 Resp: 6494406

Ion Ratio Lower Upper

228 100

226 33.1 21.4 32.2#

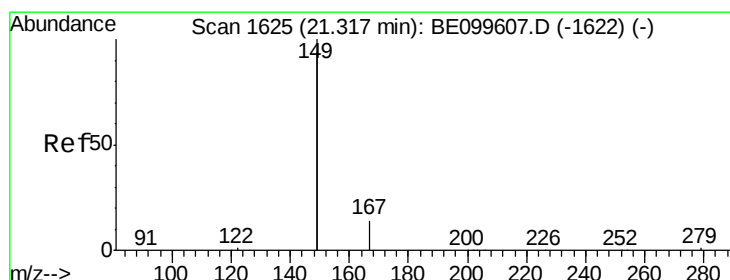
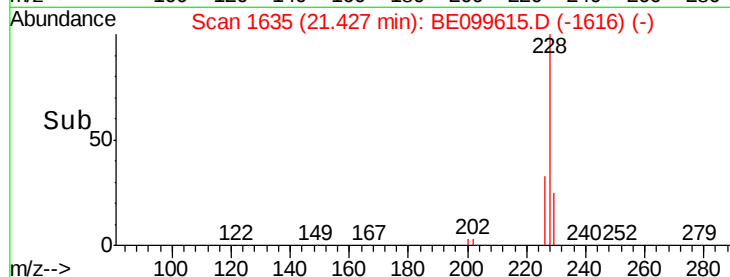
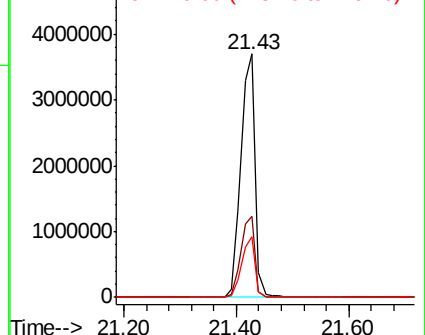
229 24.7 15.8 23.8#



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: 233.445 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.03 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

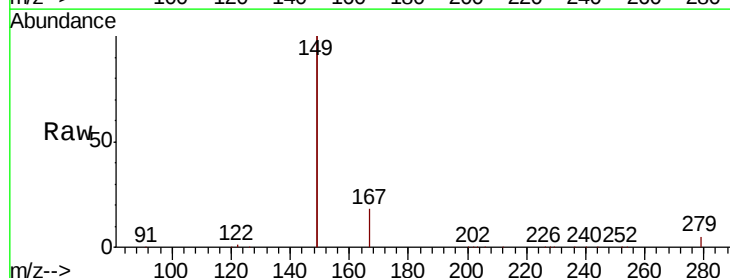
Tgt Ion:149 Resp:19842819

Ion Ratio Lower Upper

149 100

167 8.3 6.0 9.0

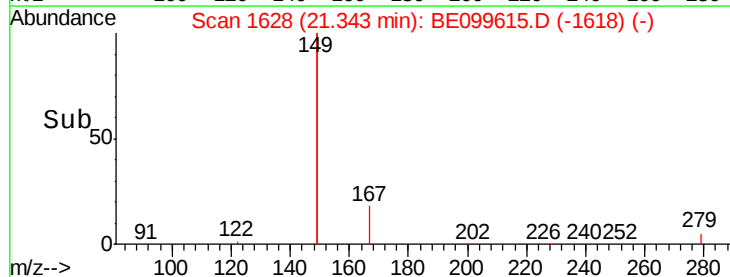
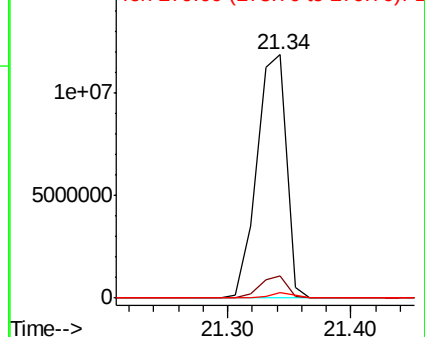
279 2.1 1.1 1.7#

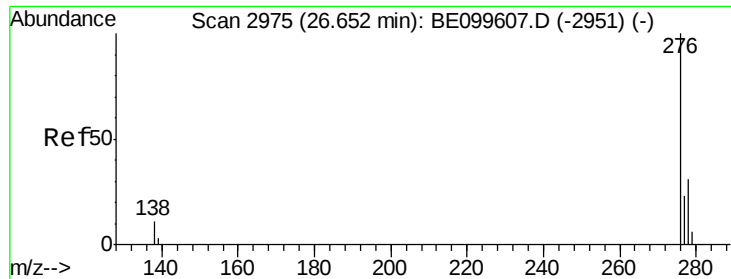


Abundance Ion 149.00 (148.70 to 149.70): E

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: 20.113 ng

RT: 26.75 min Scan# 3003

Delta R.T. 0.10 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

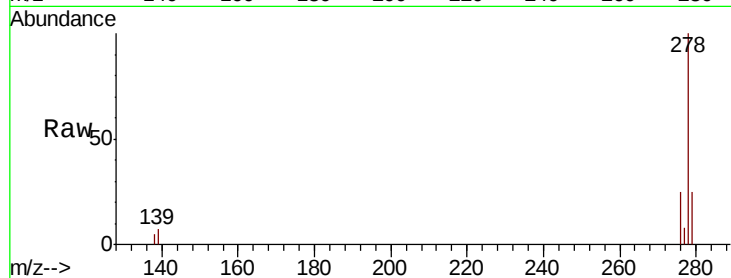
Tgt Ion:276 Resp: 1421121

Ion Ratio Lower Upper

276 100

138 20.2 10.0 15.0#

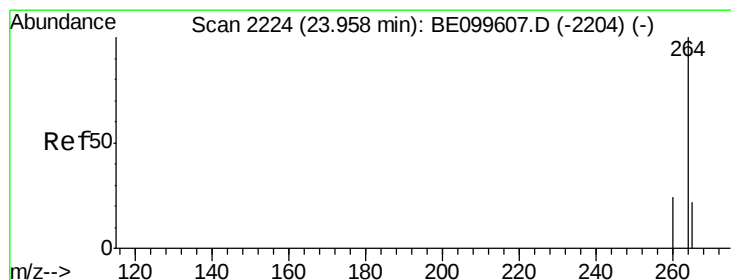
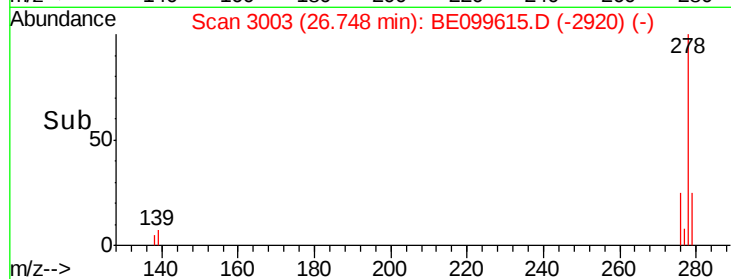
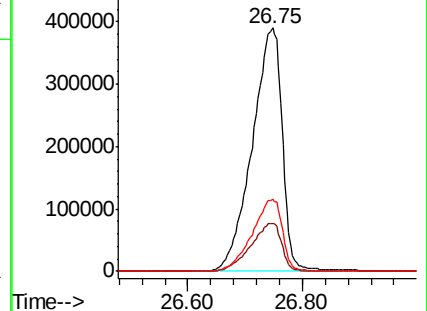
277 29.7 19.1 28.7#



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: 23.98 min Scan# 2230

Delta R.T. 0.02 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

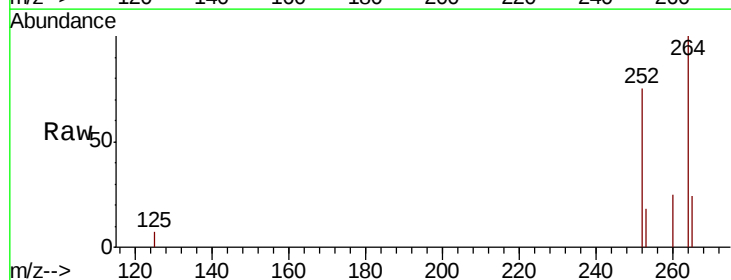
Tgt Ion:264 Resp: 20973

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

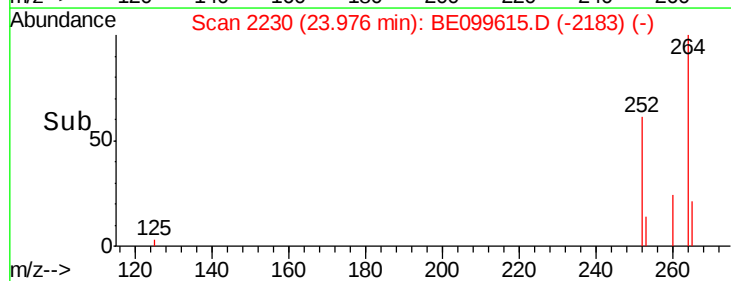
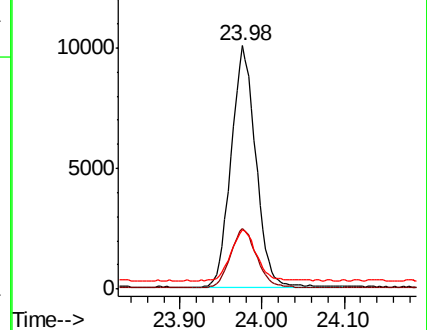
265 24.2 21.2 31.8

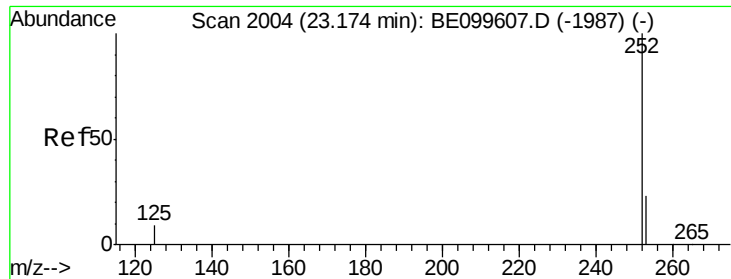


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.053 ng

RT: 23.19 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

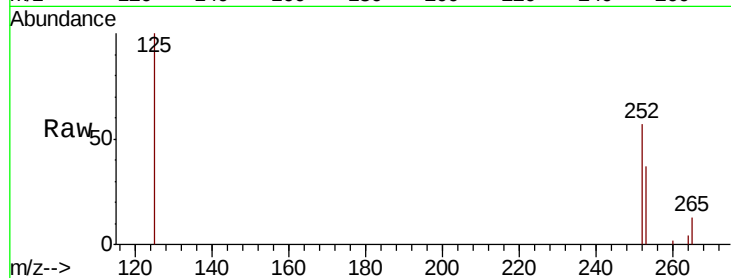
Tgt Ion:252 Resp: 3126

Ion Ratio Lower Upper

252 100

253 65.9 19.1 28.7#

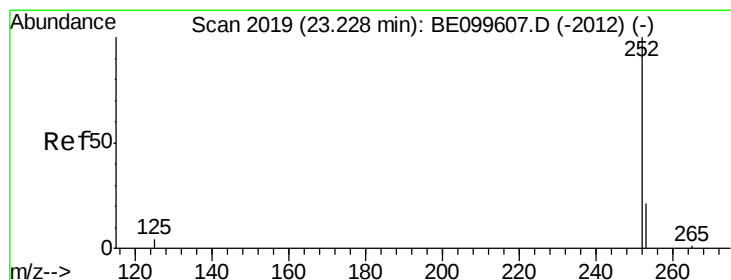
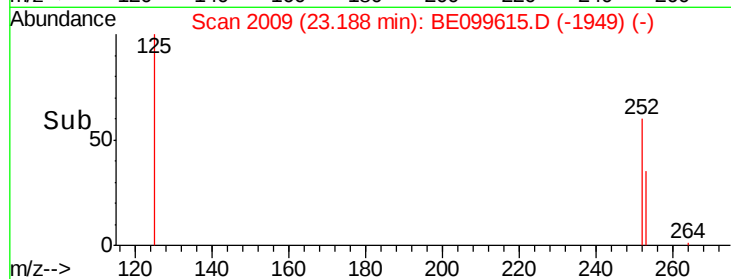
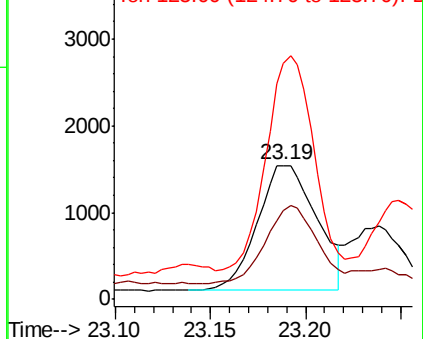
125 175.9 7.8 11.8#



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: 0.023 ng

RT: 23.24 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

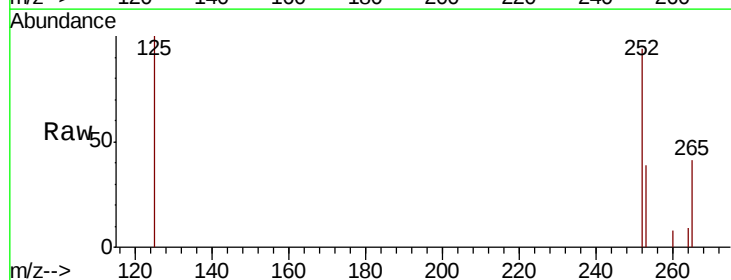
Tgt Ion:252 Resp: 1338

Ion Ratio Lower Upper

252 100

253 40.9 18.6 28.0#

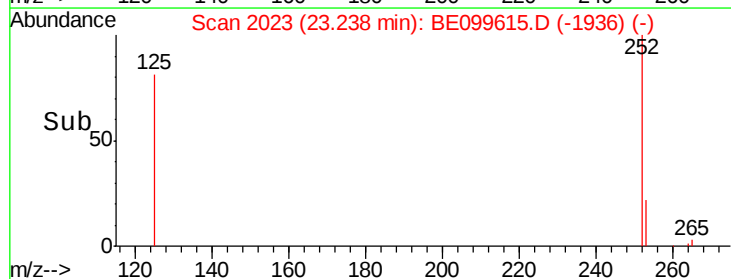
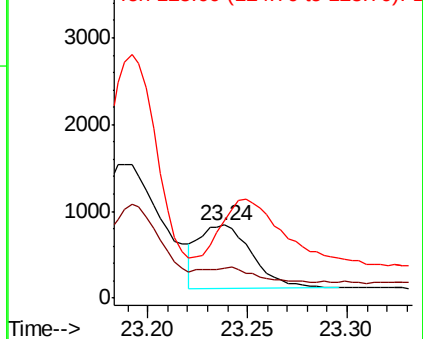
125 105.9 5.2 7.8#

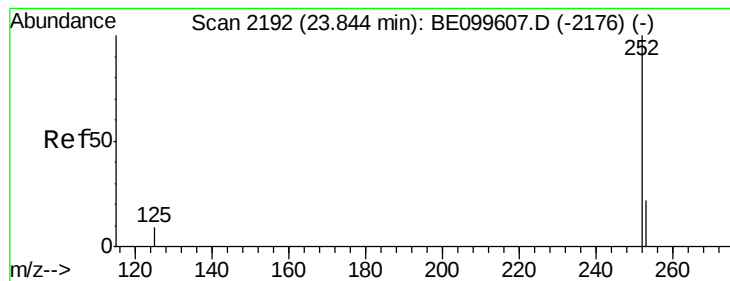


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

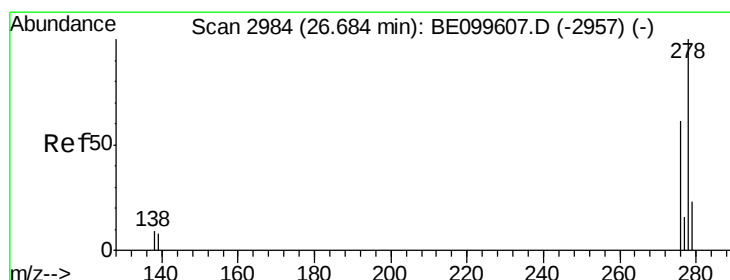
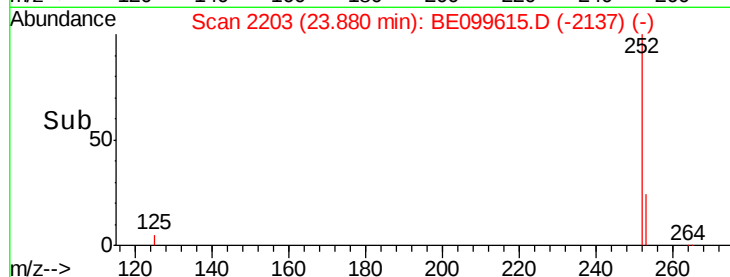
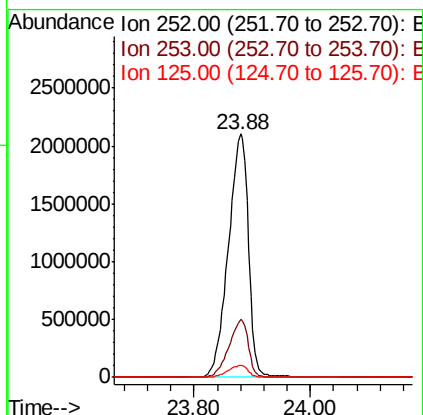
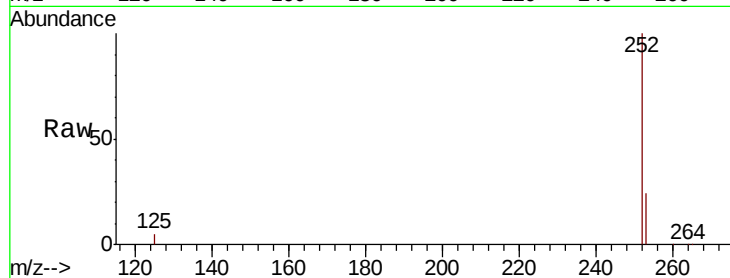




#37
Benzo(a)pyrene
Concen: 89.067 ng
RT: 23.88 min Scan# 2203
Delta R.T. 0.04 min
Lab File: BE099615.D
Acq: 15 May 2019 13:10

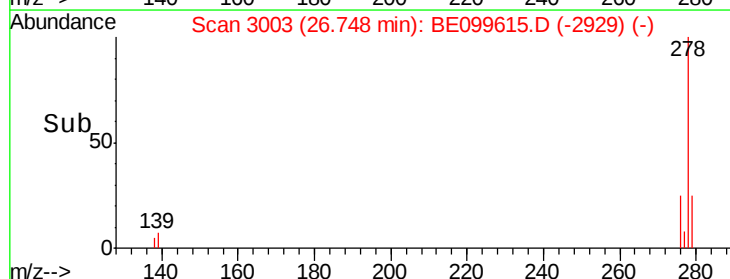
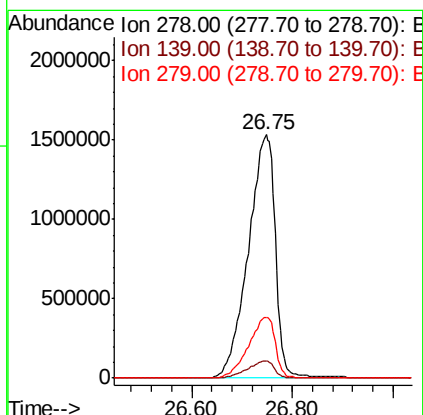
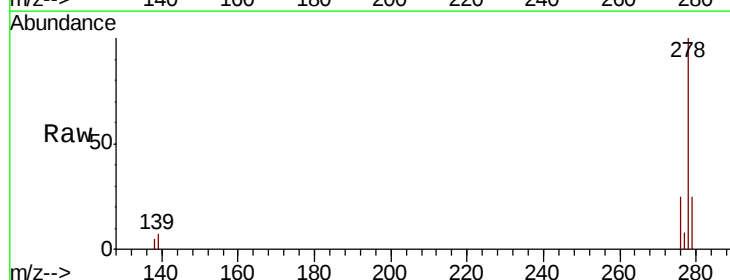
Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

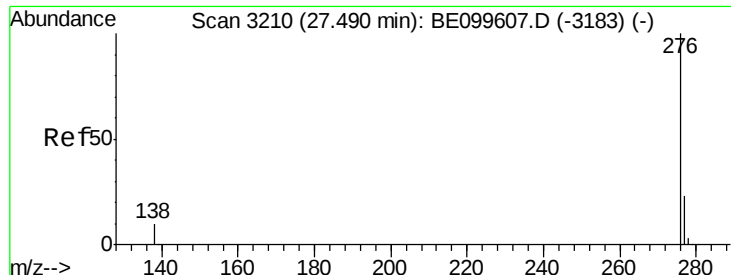
Tgt Ion:252 Resp: 5059101
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.6
125 5.0 8.8 13.2#



#38
Dibenzo(a,h)anthracene
Concen: 97.242 ng
RT: 26.75 min Scan# 3003
Delta R.T. 0.06 min
Lab File: BE099615.D
Acq: 15 May 2019 13:10

Tgt Ion:278 Resp: 5728060
Ion Ratio Lower Upper
278 100
139 7.0 7.9 11.9#
279 25.1 19.5 29.3





#39

Benzo(g,h,i)perylene

Concen: 52.679 ng

RT: 27.55 min Scan# 3229

Delta R.T. 0.06 min

Lab File: BE099615.D

Acq: 15 May 2019 13:10

Instrument :

BNA_E

ClientSampleId :

PT-BNA-SOIL

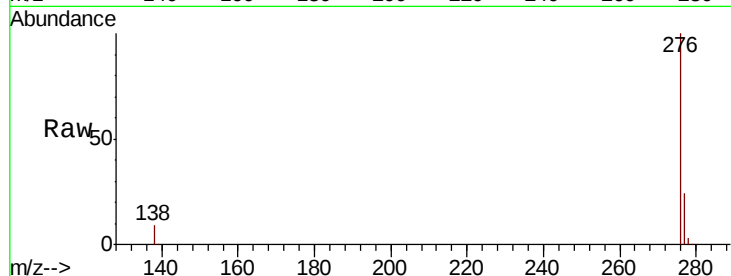
Tgt Ion:276 Resp: 3120550

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 9.4 9.1 13.7



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

