

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
 Data File : BE099279.D
 Acq On : 2 Apr 2019 18:10
 Operator : JU/SJ
 Sample : K1560-01
 Misc : LOD 0.1 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Quant Time: Apr 03 05:17:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 02 17:16:42 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3199	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	11505	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7666	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	23085	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	32807	0.40	ng	-0.02
34) Perylene-d12	23.87	264	35289	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	3294	0.39	ng	-0.02
5) Phenol-d6	6.98	99	4410	0.38	ng	-0.01
8) Nitrobenzene-d5	8.98	82	3050	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	7143	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	1149	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	11649	0.39	ng	-0.01
25) Fluoranthene-d10	19.22	212	105272	0.35	ng	-0.02
29) Terphenyl-d14	19.82	244	25378	0.42	ng	-0.02

Target Compounds

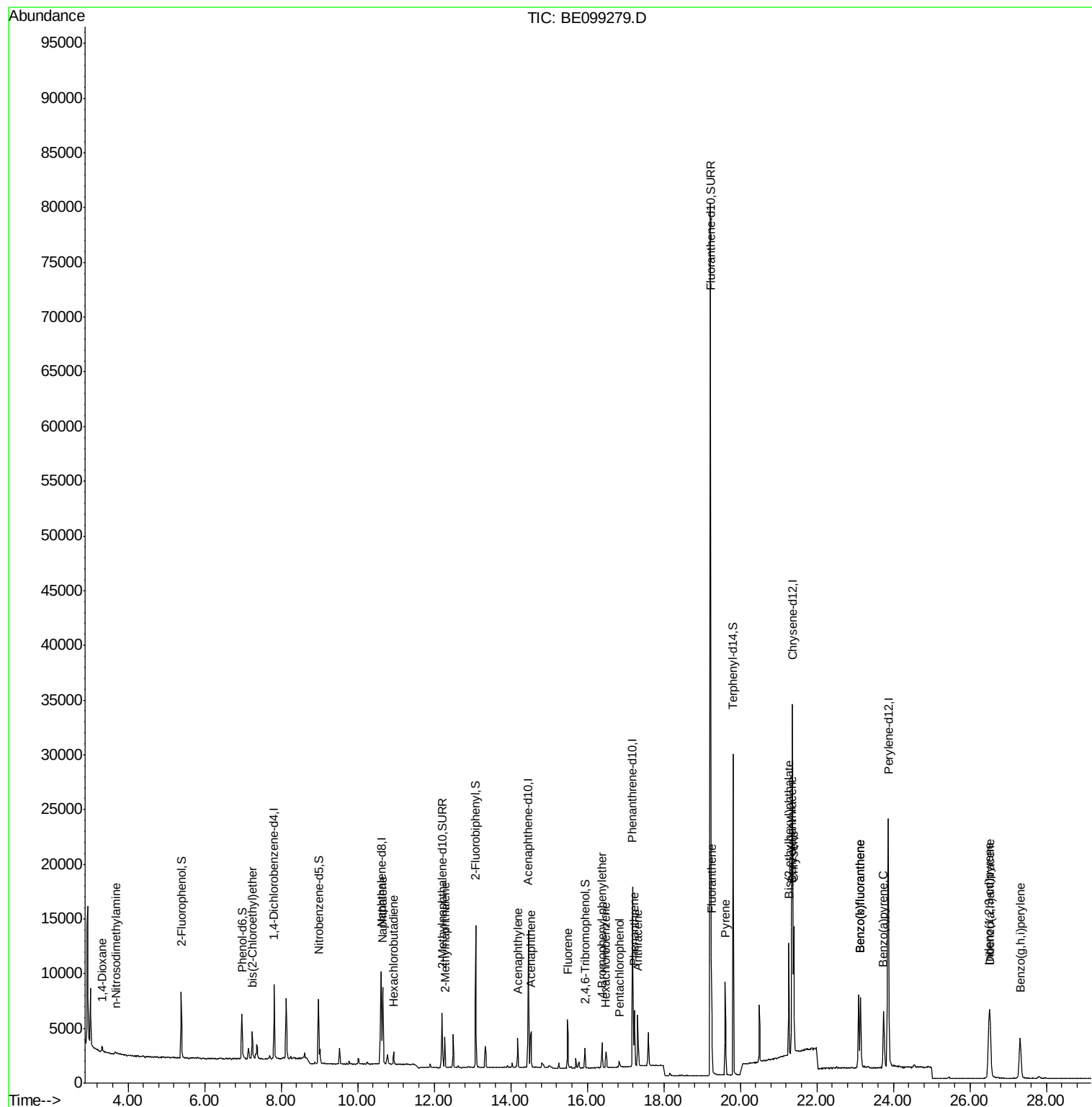
						Qvalue
2) 1,4-Dioxane	3.33	88	504	0.116	ng	# 89
3) n-Nitrosodimethylamine	3.68	42	217	0.084	ng	# 78
6) bis(2-Chloroethyl)ether	7.24	93	981	0.094	ng	94
9) Naphthalene	10.65	128	11929	0.095	ng	# 98
10) Hexachlorobutadiene	10.94	225	757	0.093	ng	95
12) 2-Methylnaphthalene	12.28	142	1972	0.093	ng	95
16) Acenaphthylene	14.18	152	3244	0.089	ng	98
17) Acenaphthene	14.53	154	2068	0.096	ng	94
18) Fluorene	15.49	166	2898	0.094	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	1182	0.090	ng	# 75
21) Hexachlorobenzene	16.49	284	1148	0.092	ng	95
22) Pentachlorophenol	16.84	266	319	0.062	ng	99
23) Phenanthrene	17.23	178	5656	0.095	ng	99
24) Anthracene	17.32	178	4793	0.085	ng	98
26) Fluoranthene	19.25	202	8089	0.092	ng	99
28) Pyrene	19.61	202	8071	0.093	ng	100
30) Benzo(a)anthracene	21.34	228	9511	0.092	ng	97
31) Chrysene	21.40	228	9608	0.095	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	10989	0.083	ng	98
33) Indeno(1,2,3-cd)pyrene	26.50	276	11160	0.096	ng	97
35) Benzo(b)fluoranthene	23.14	252	9344	0.089	ng	94
36) Benzo(k)fluoranthene	23.14	252	9344	0.091	ng	# 94
37) Benzo(a)pyrene	23.75	252	8720	0.088	ng	# 94
38) Dibenzo(a,h)anthracene	26.53	278	9006	0.091	ng	# 94
39) Benzo(g,h,i)perylene	27.32	276	9294	0.095	ng	99

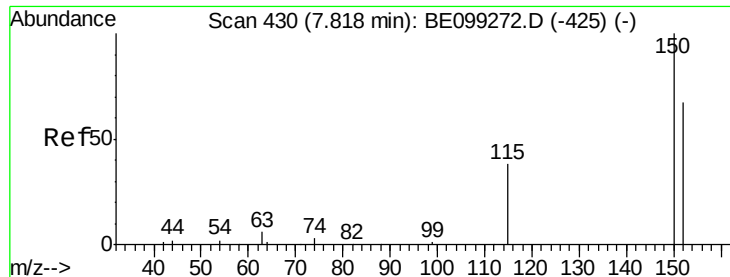
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099279.D

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BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

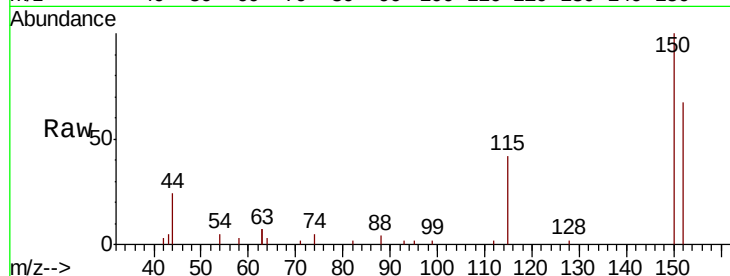
Tgt Ion:152 Resp: 3199

Ion Ratio Lower Upper

152 100

150 148.6 112.8 169.2

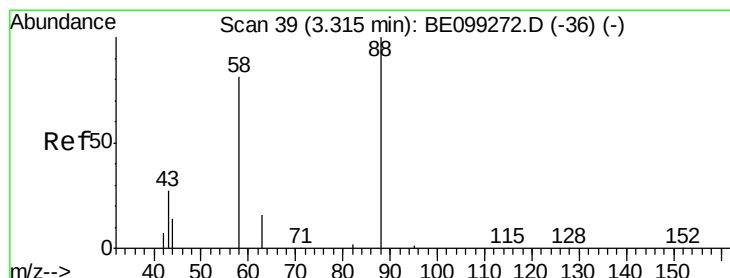
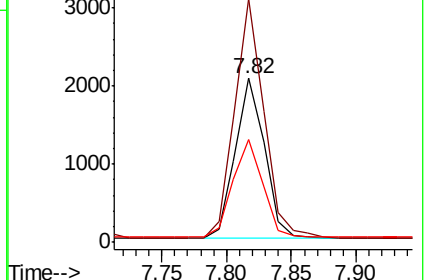
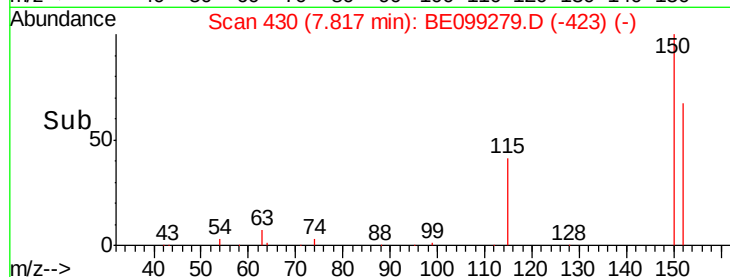
115 63.1 45.1 67.7



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: 0.116 ng

RT: 3.33 min Scan# 40

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

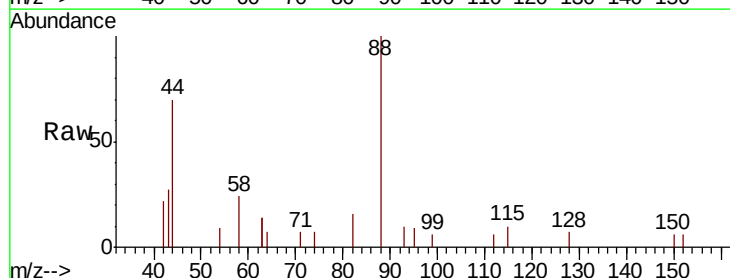
Tgt Ion: 88 Resp: 504

Ion Ratio Lower Upper

88 100

58 63.1 47.4 71.0

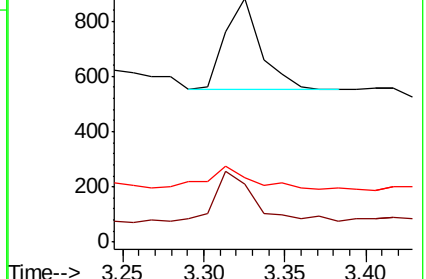
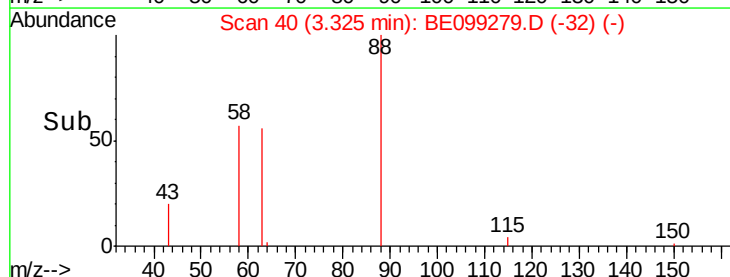
43 31.9 15.6 23.4#

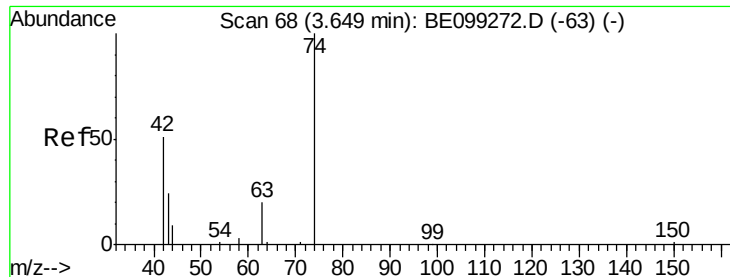


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.084 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

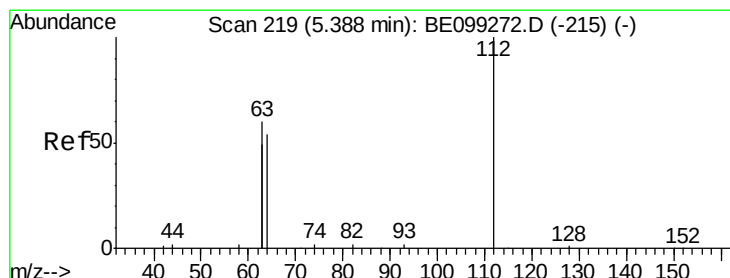
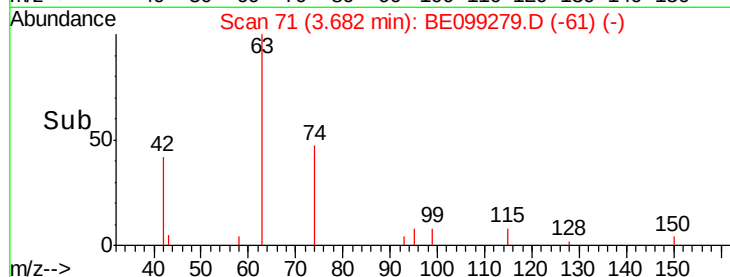
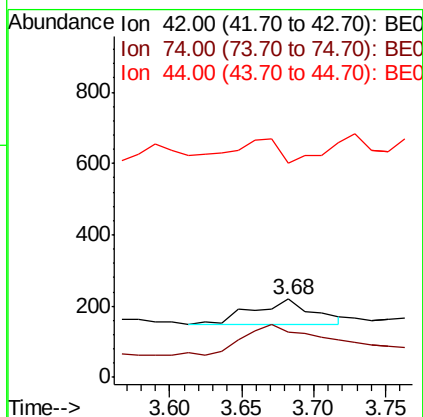
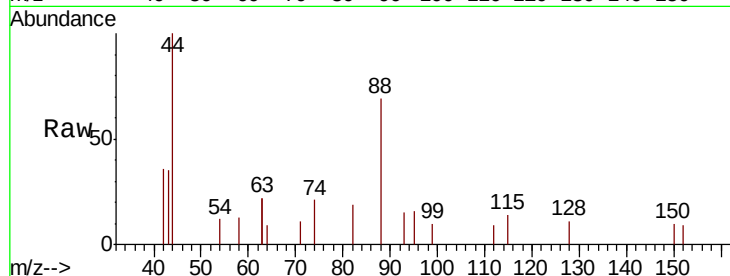
Instrument :

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Tgt Ion:	42	Resp:	217
Ion	Ratio	Lower	Upper
42	100		
74	143.8	138.6	207.8
44	31.8	15.0	22.6#



#4

2-Fluorophenol

Concen: 0.387 ng

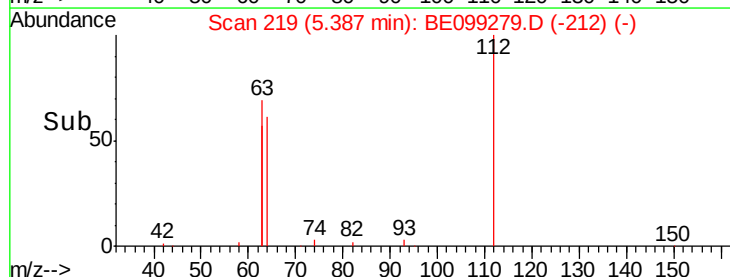
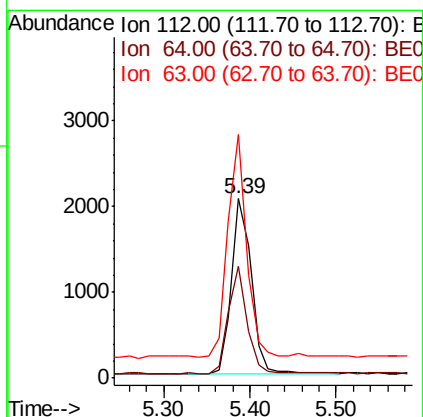
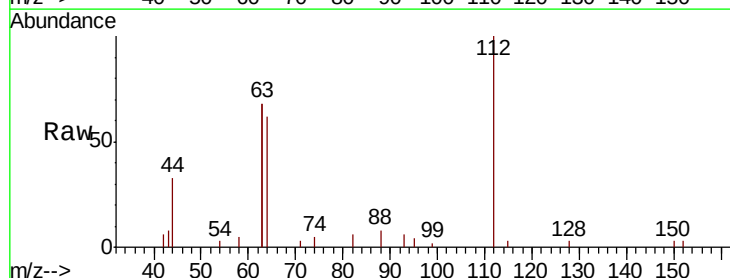
RT: 5.39 min Scan# 219

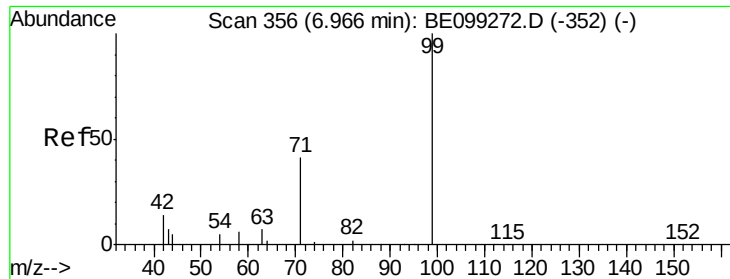
Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion:	112	Resp:	3294
Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.2	69.2
63	118.0	89.9	134.9





#5

Phenol-d6

Concen: 0.377 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

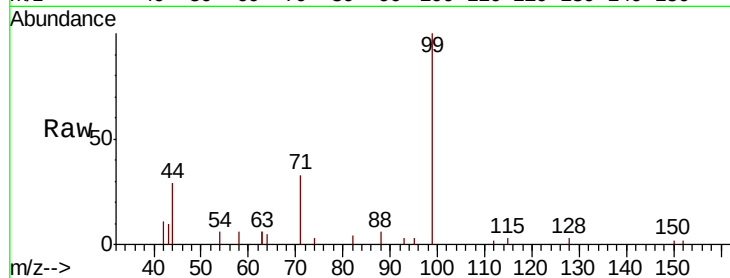
Tgt Ion: 99 Resp: 4410

Ion Ratio Lower Upper

99 100

42 15.1 12.4 18.6

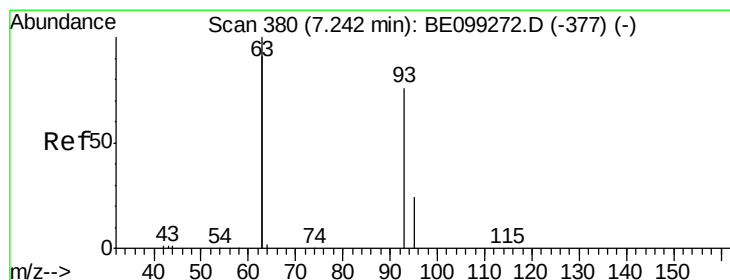
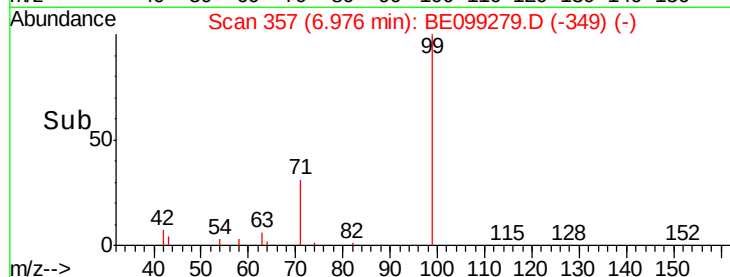
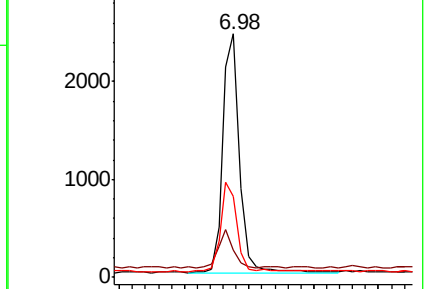
71 35.8 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.094 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

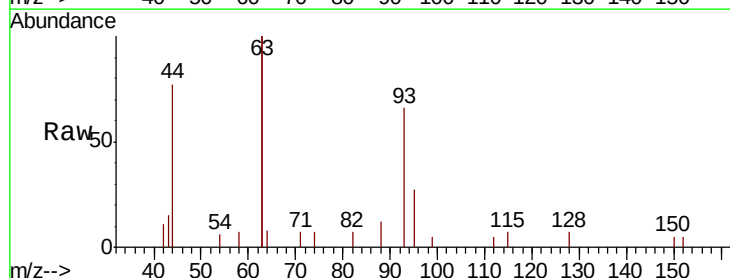
Tgt Ion: 93 Resp: 981

Ion Ratio Lower Upper

93 100

63 288.7 221.4 332.0

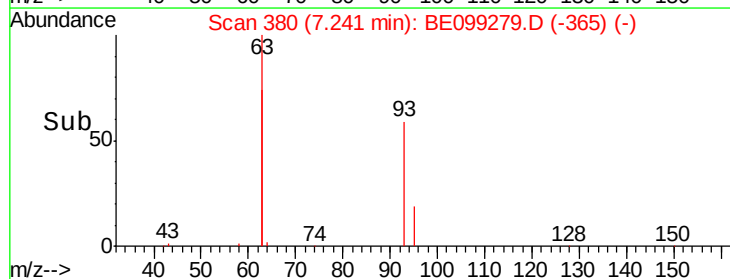
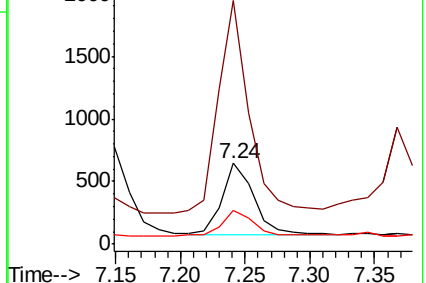
95 35.0 25.8 38.8

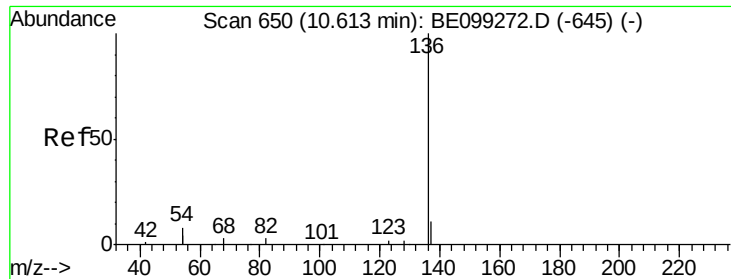


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

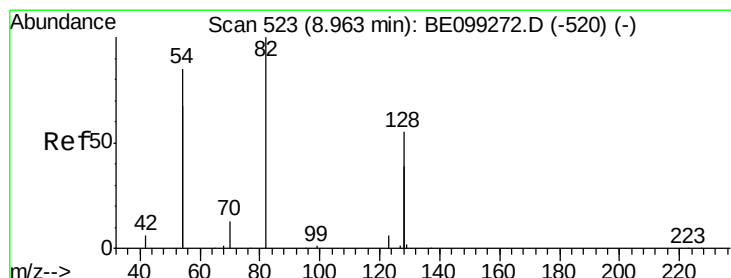
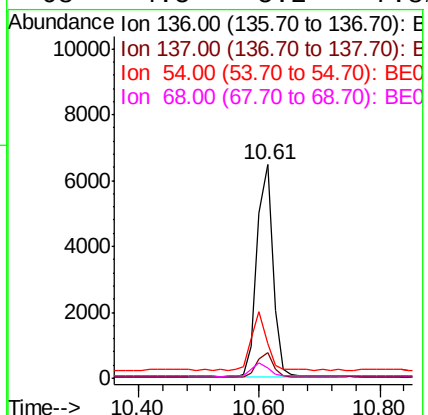
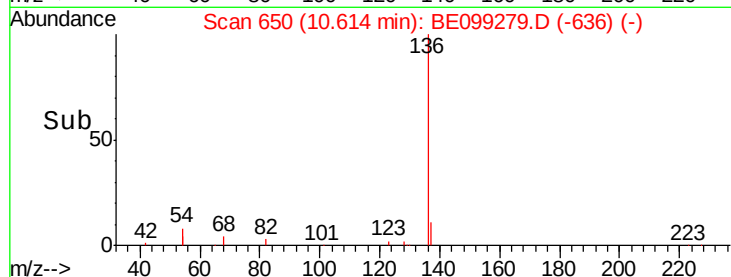
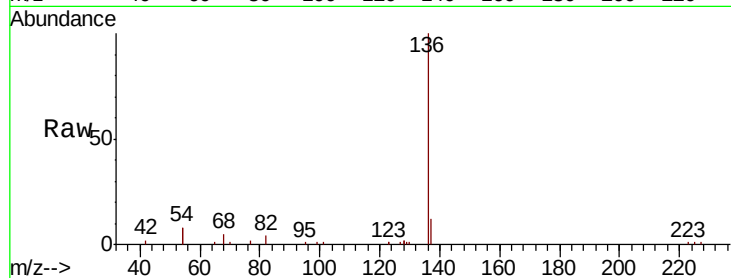
Instrument :

BNA_E

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Tgt Ion:	136	Resp:	11505
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	16.4	18.7	28.1#
68	4.5	5.2	7.8#



#8

Nitrobenzene-d5

Concen: 0.386 ng

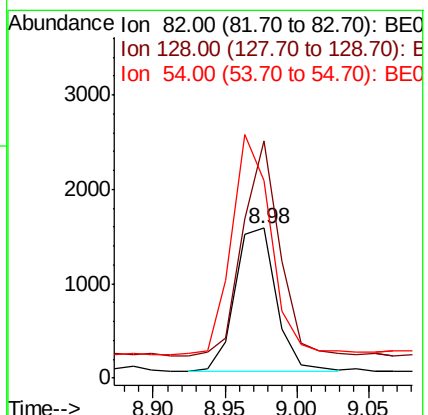
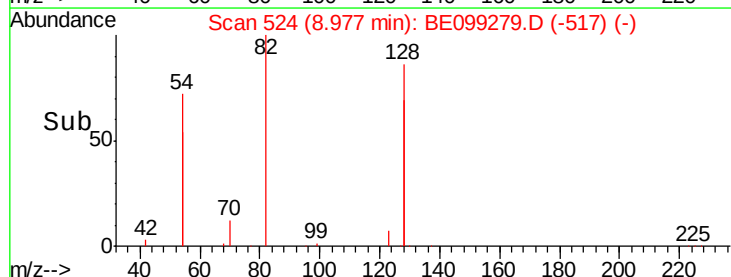
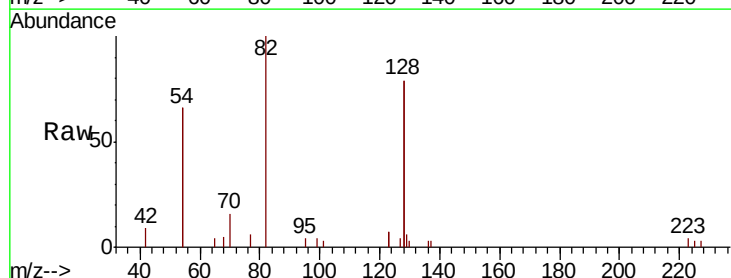
RT: 8.98 min Scan# 524

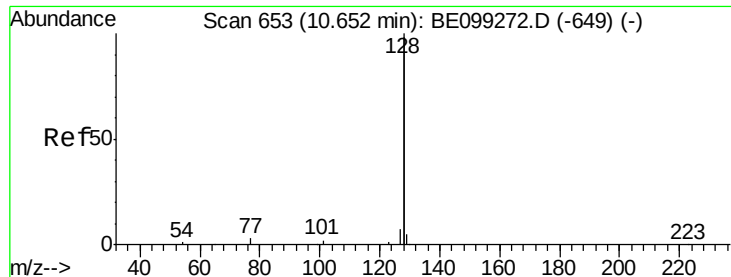
Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion:	82	Resp:	3050
Ion	Ratio	Lower	Upper
82	100		
128	158.8	107.5	161.3
54	132.3	106.3	159.5





#9

Naphthalene

Concen: 0.095 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

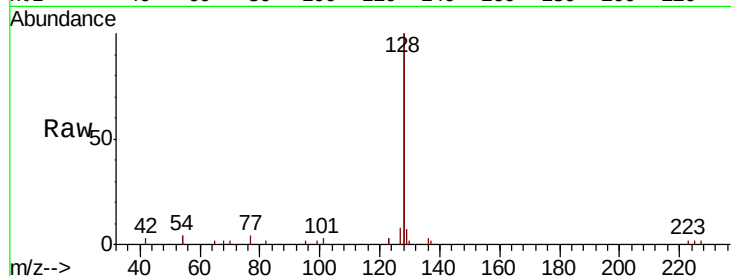
Tgt Ion:128 Resp: 11929

Ion Ratio Lower Upper

128 100

129 3.5 2.3 3.5

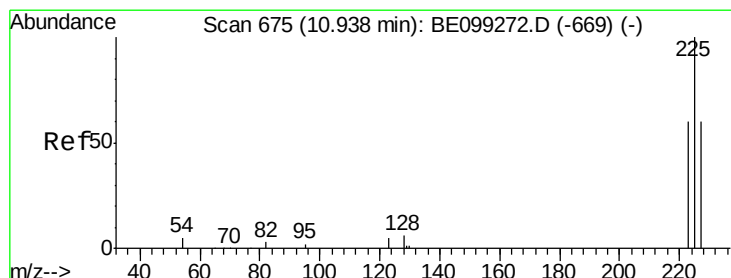
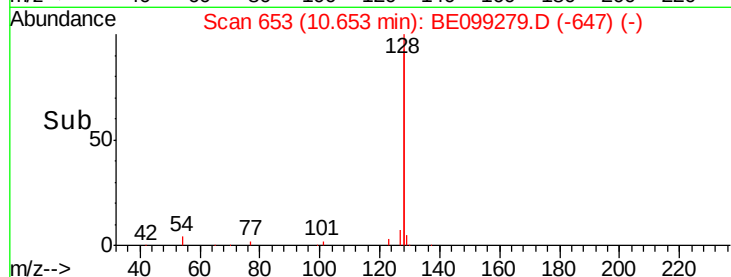
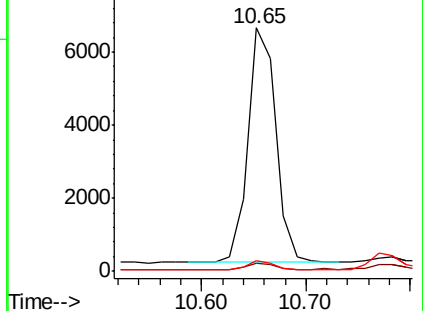
127 4.1 2.6 3.8#



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



#10

Hexachlorobutadiene

Concen: 0.093 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

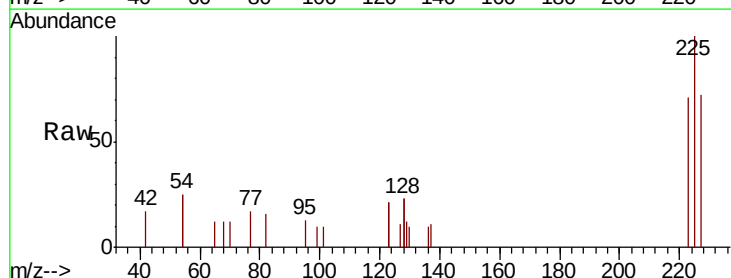
Tgt Ion:225 Resp: 757

Ion Ratio Lower Upper

225 100

223 63.8 51.3 76.9

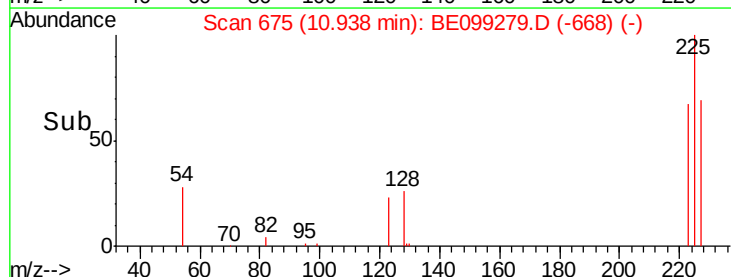
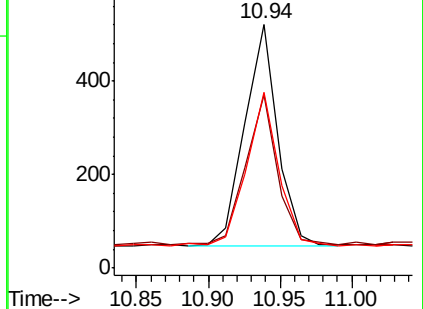
227 68.7 48.6 73.0

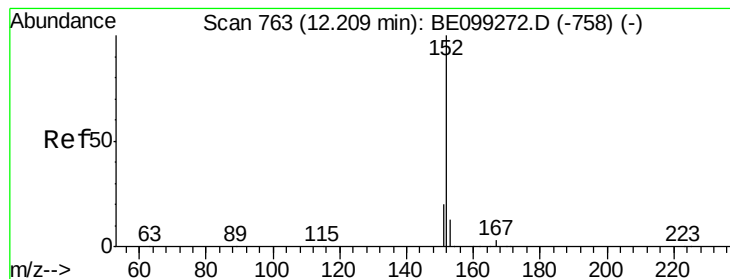


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

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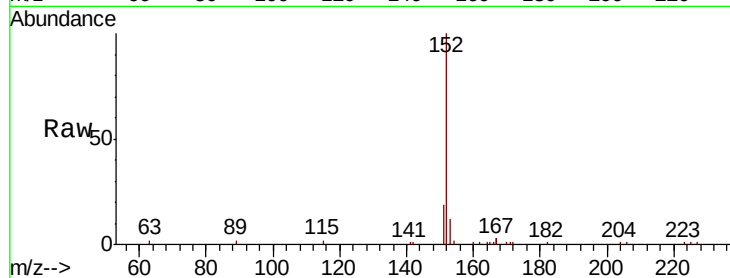
LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:152 Resp: 7143

Ion Ratio Lower Upper

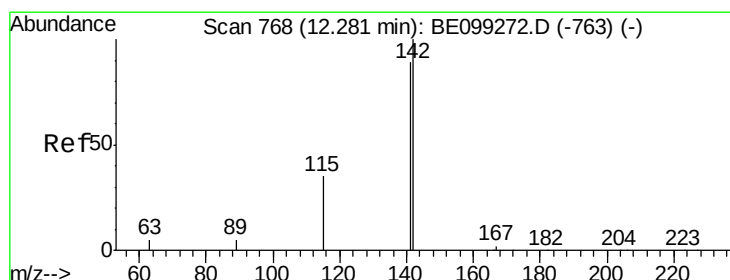
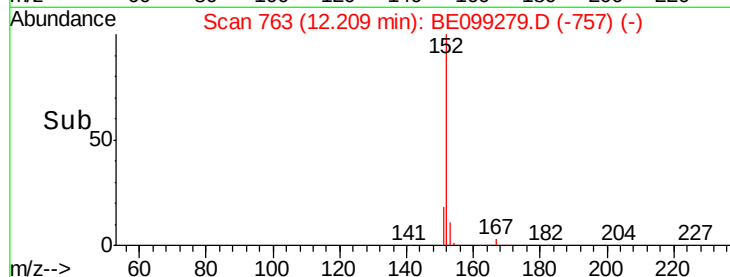
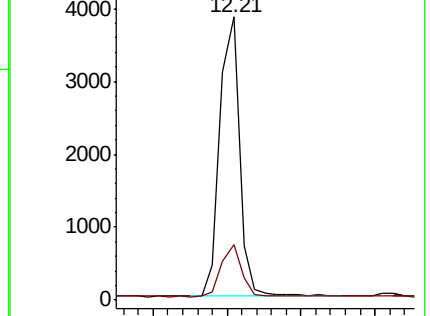
152 100

151 18.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.093 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

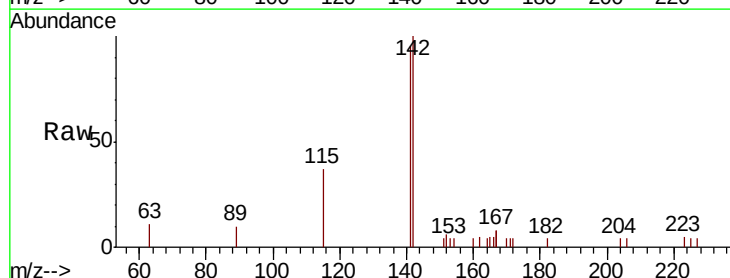
Tgt Ion:142 Resp: 1972

Ion Ratio Lower Upper

142 100

141 94.7 71.3 106.9

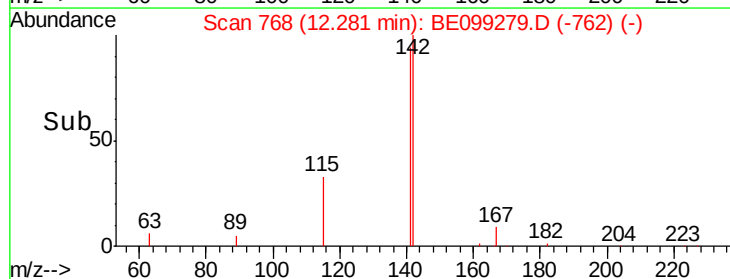
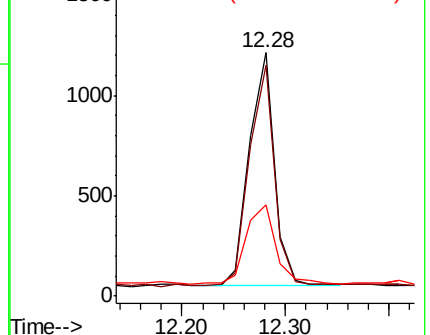
115 37.4 30.4 45.6

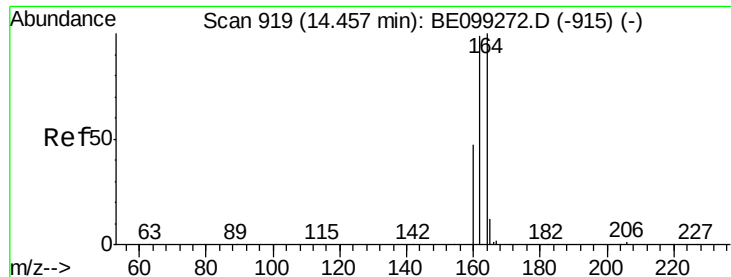


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.03 min

Lab File: BE099279.D

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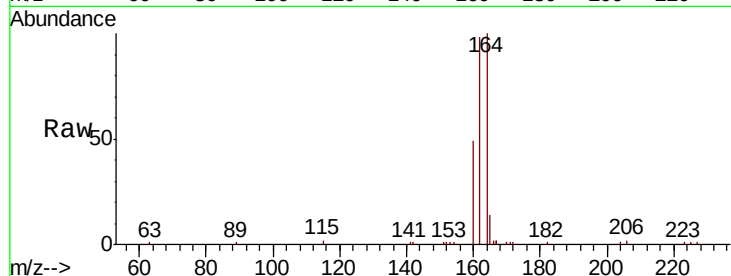
Tgt Ion:164 Resp: 7666

Ion Ratio Lower Upper

164 100

162 98.4 79.2 118.8

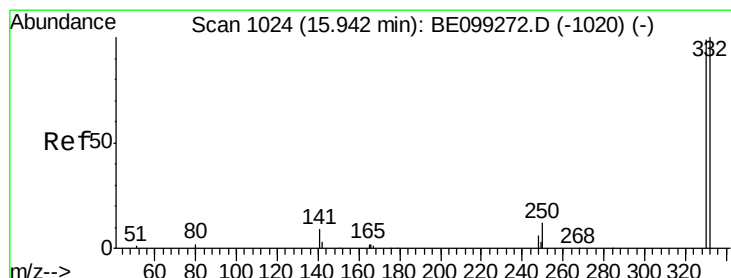
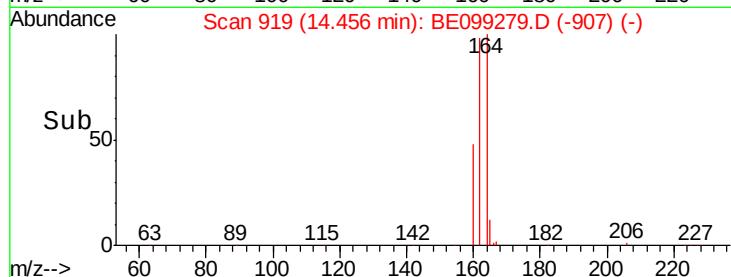
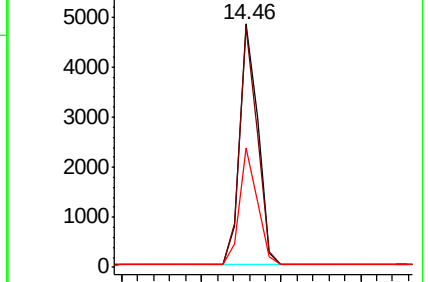
160 49.0 36.7 55.1



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: 0.325 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

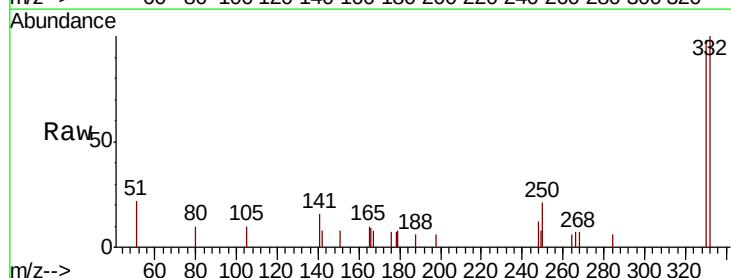
Tgt Ion:330 Resp: 1149

Ion Ratio Lower Upper

330 100

332 99.4 71.3 106.9

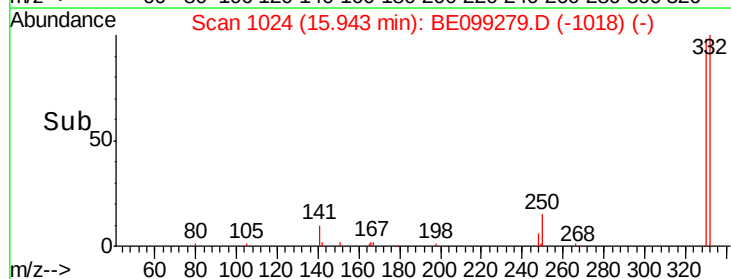
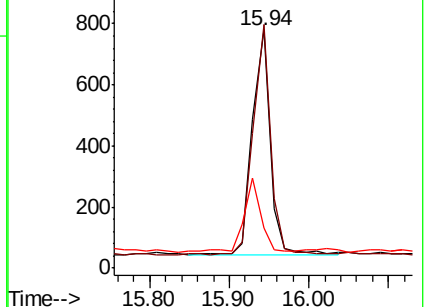
141 29.6 21.7 32.5

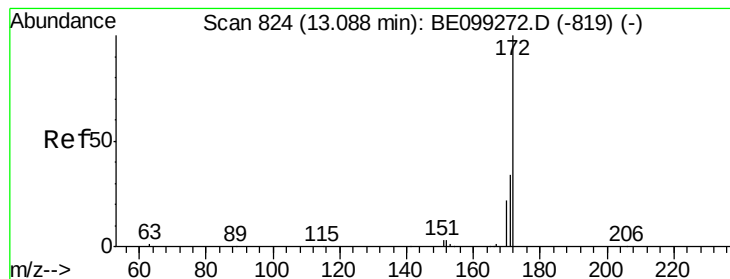


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

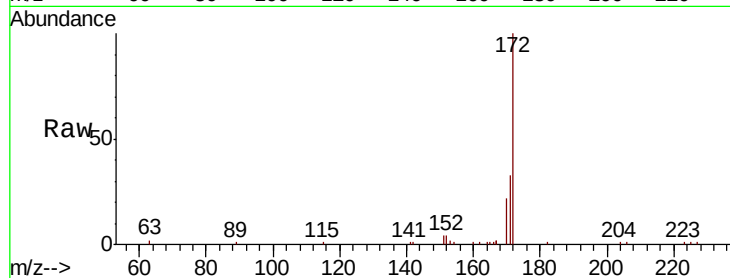




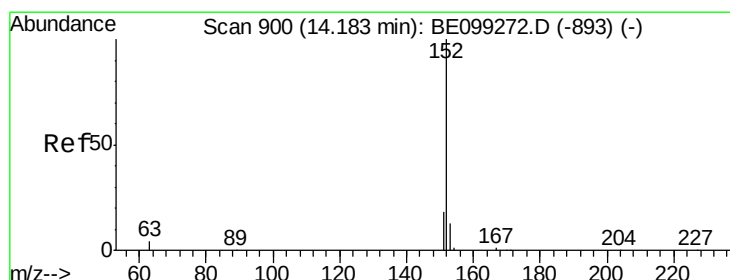
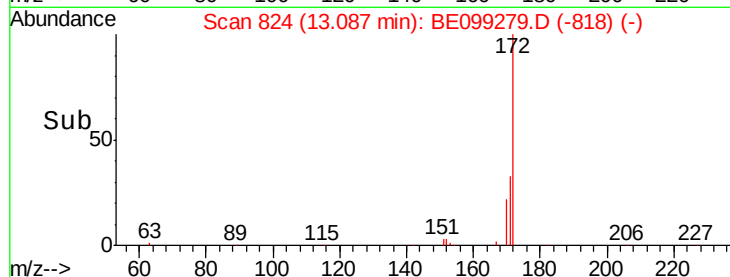
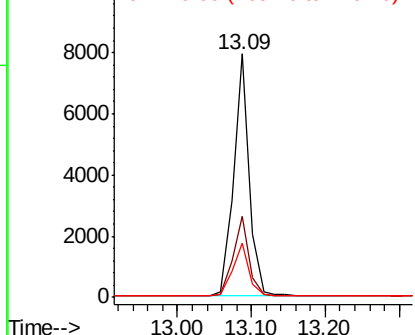
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:172 Resp: 11649
Ion Ratio Lower Upper
172 100
171 33.5 27.4 41.0
170 22.3 19.1 28.7

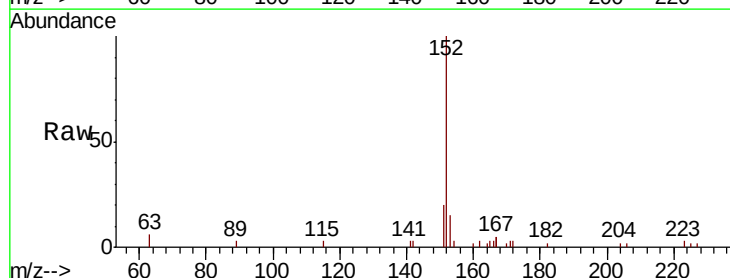


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

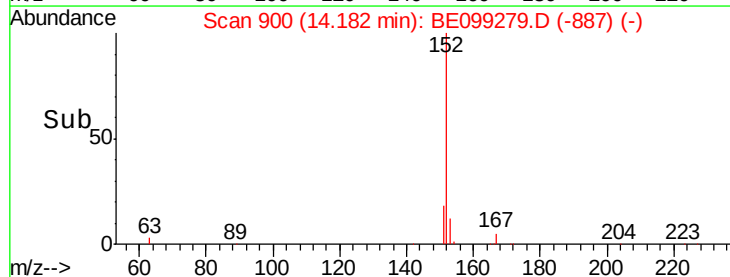
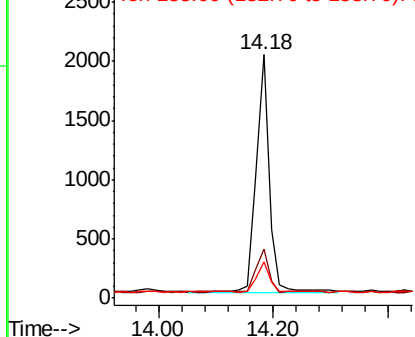


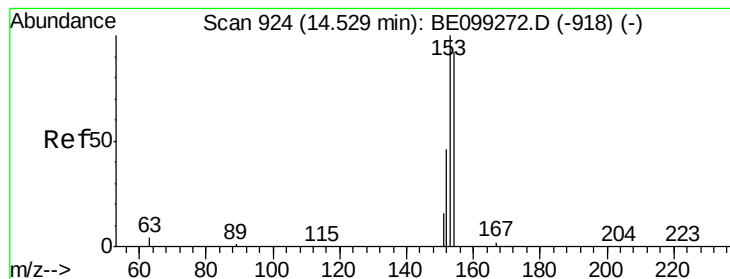
#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion:152 Resp: 3244
Ion Ratio Lower Upper
152 100
151 18.7 15.7 23.5
153 12.8 10.6 15.8



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: 0.096 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

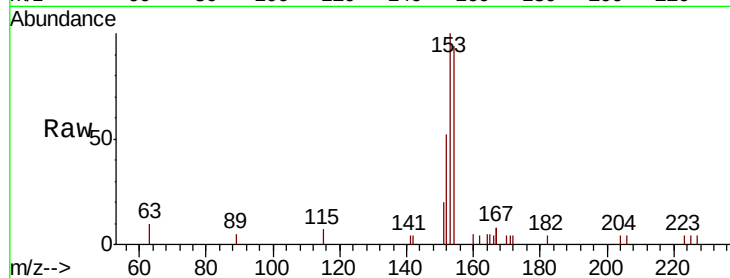
Tgt Ion:154 Resp: 2068

Ion Ratio Lower Upper

154 100

153 110.3 93.4 140.0

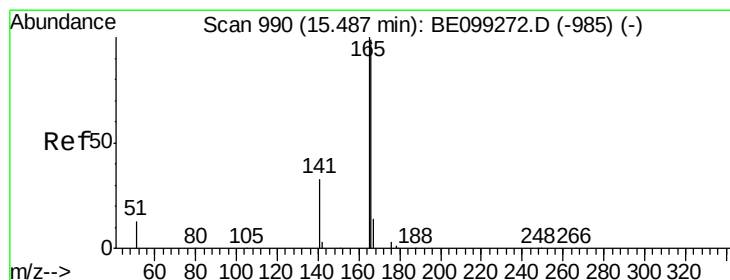
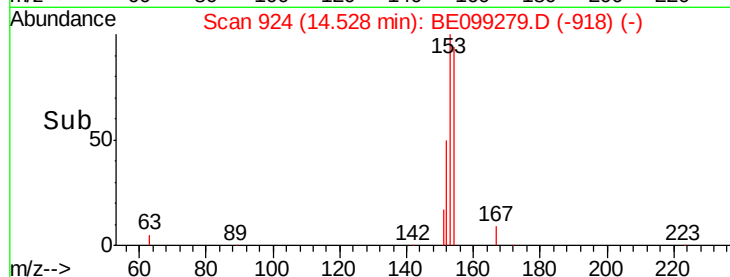
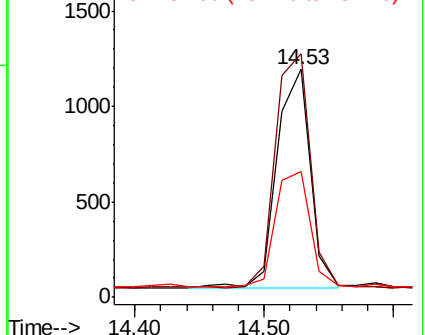
152 53.9 46.6 69.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.094 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

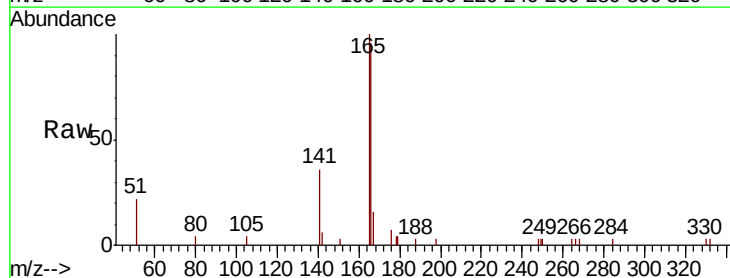
Tgt Ion:166 Resp: 2898

Ion Ratio Lower Upper

166 100

165 97.3 78.9 118.3

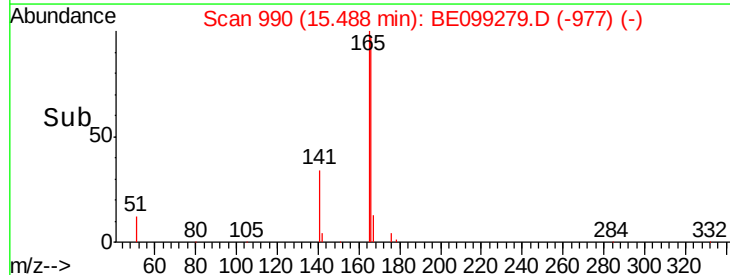
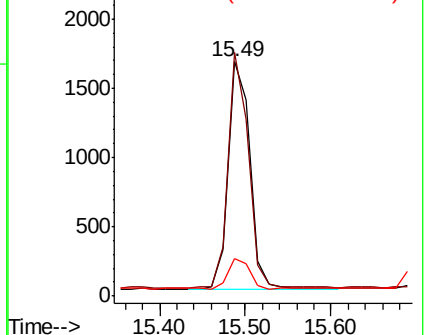
167 14.4 10.9 16.3

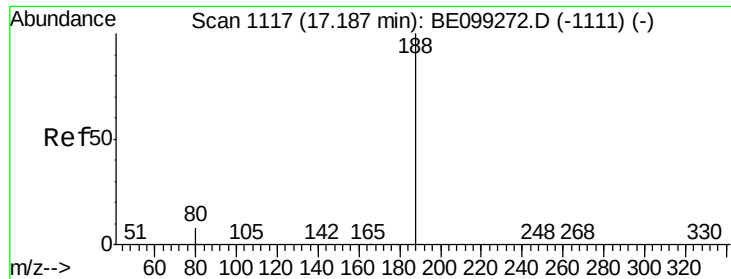


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

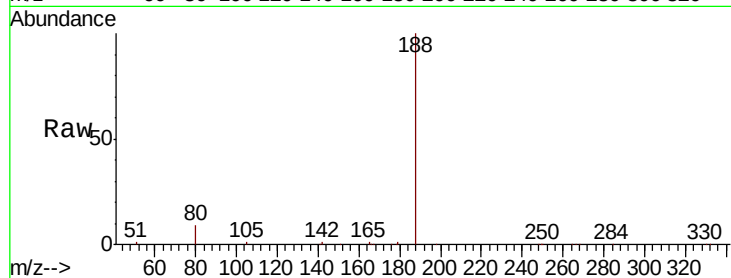
Tgt Ion:188 Resp: 23085

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

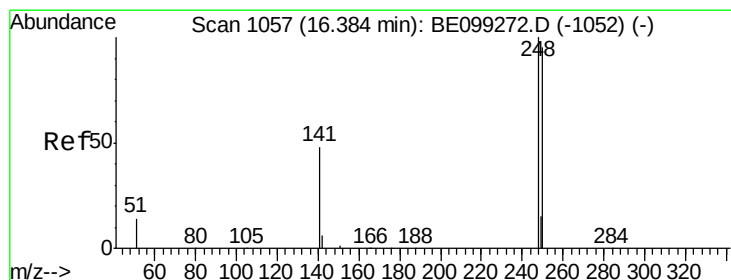
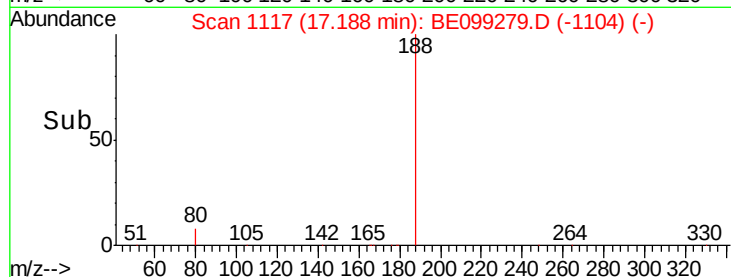
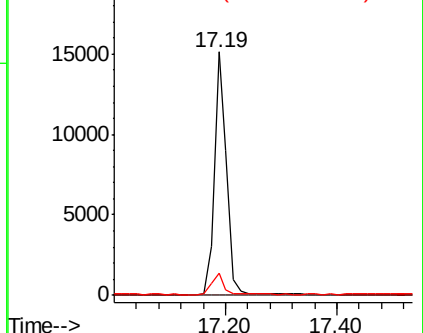
80 8.9 4.5 6.7#



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: 0.090 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

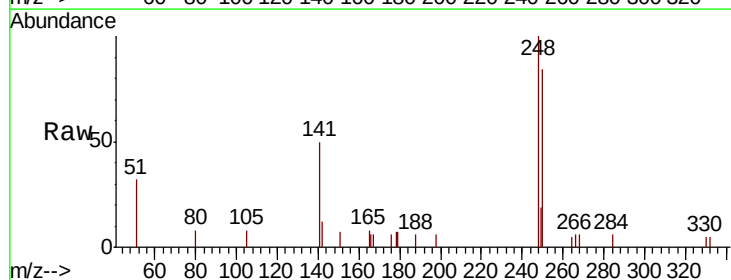
Tgt Ion:248 Resp: 1182

Ion Ratio Lower Upper

248 100

250 84.5 84.2 126.2

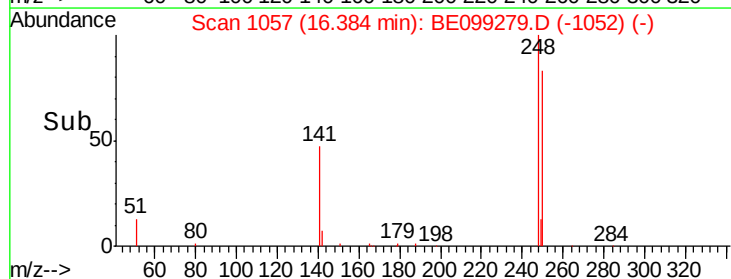
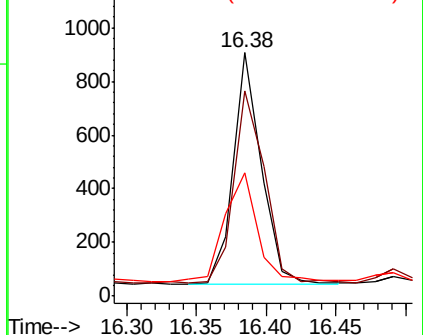
141 50.5 21.8 32.6#

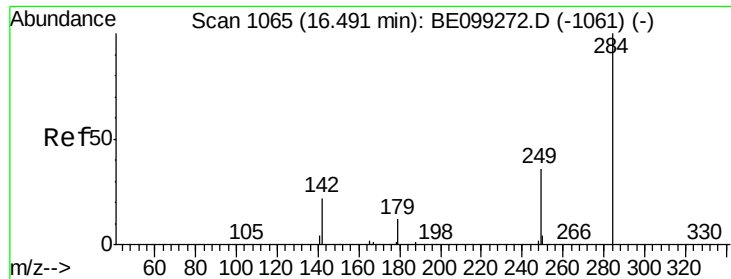


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

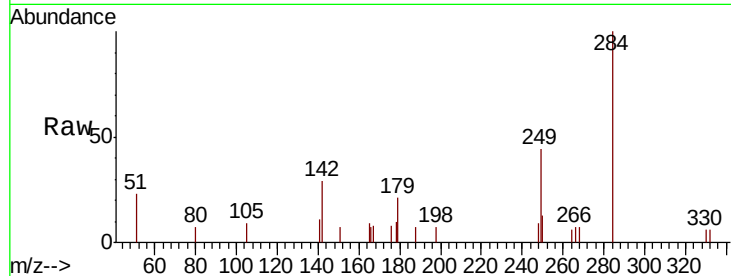




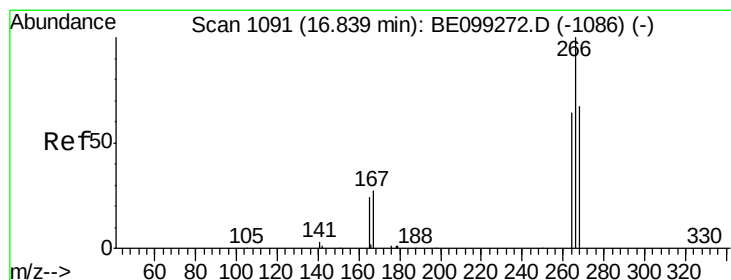
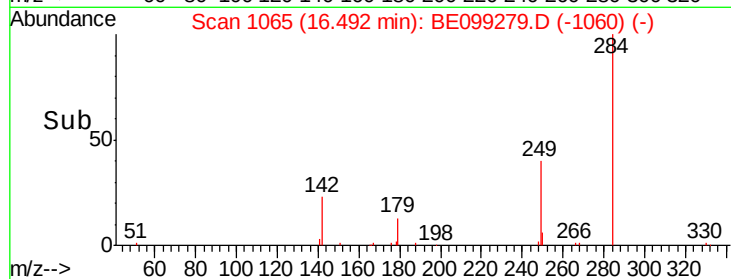
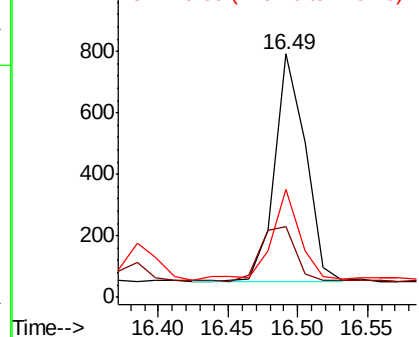
#21
Hexachlorobenzene
Concen: 0.092 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tgt Ion: 284 Resp: 1148
Ion Ratio Lower Upper
284 100
142 26.5 22.7 34.1
249 36.8 26.9 40.3

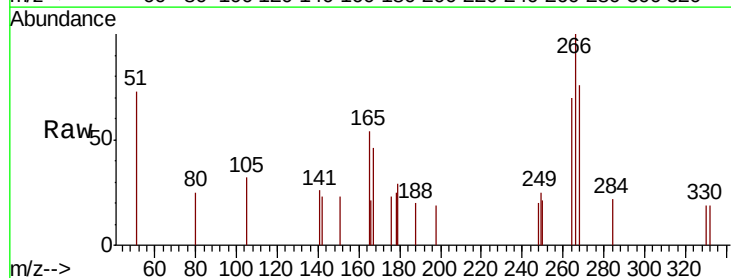


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

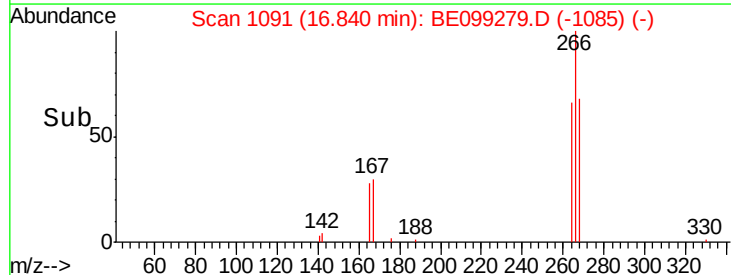
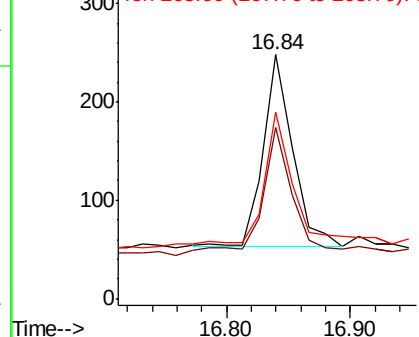


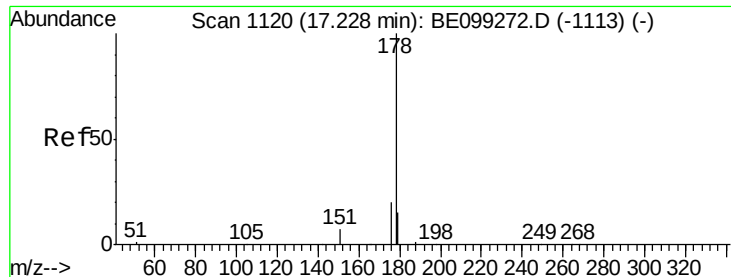
#22
Pentachlorophenol
Concen: 0.062 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion: 266 Resp: 319
Ion Ratio Lower Upper
266 100
264 70.2 54.4 81.6
268 76.2 61.3 91.9



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: 0.095 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

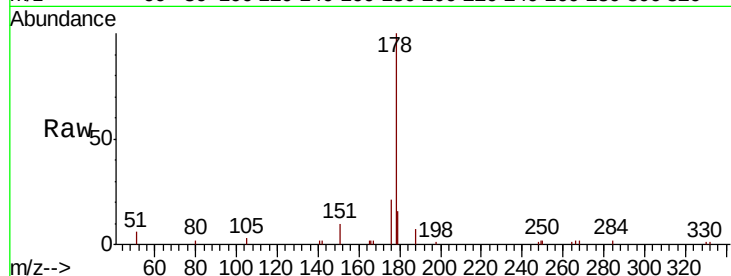
Tgt Ion:178 Resp: 5656

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

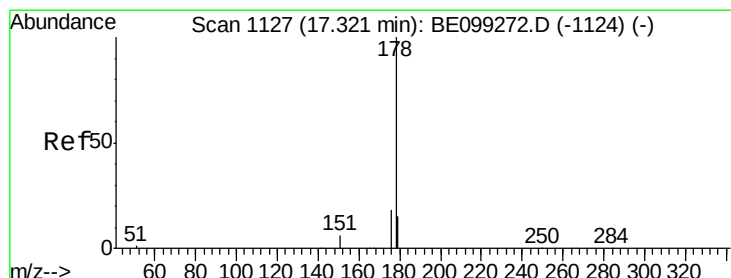
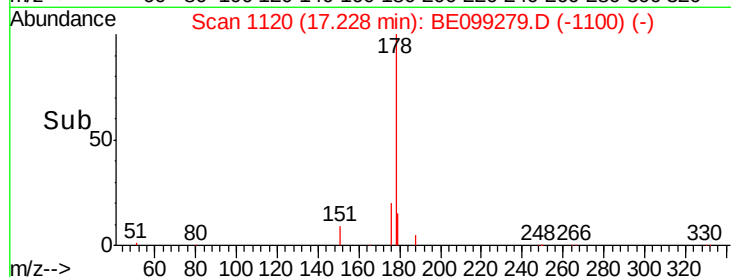
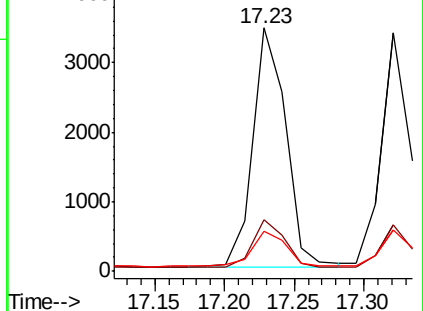
179 15.9 12.3 18.5



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: 0.085 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

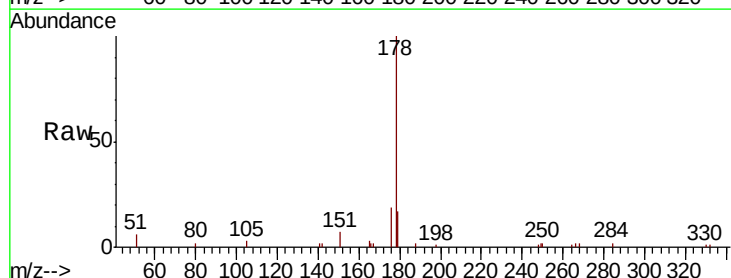
Tgt Ion:178 Resp: 4793

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

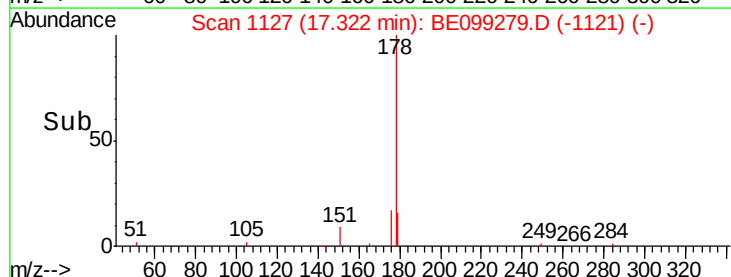
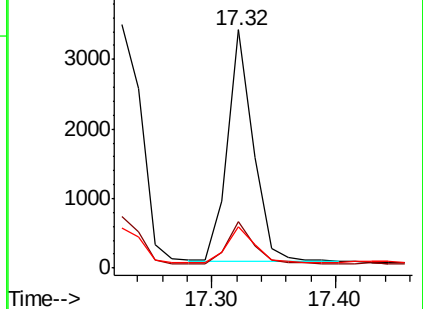
179 16.5 12.4 18.6

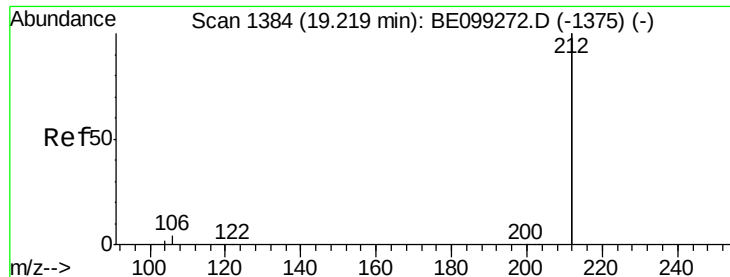


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

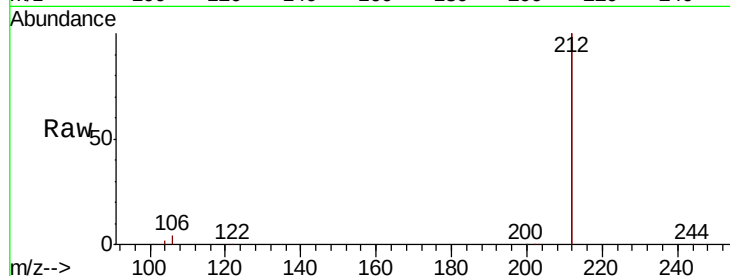
Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:	212	Resp:	105272
Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.2	1.1	1.7

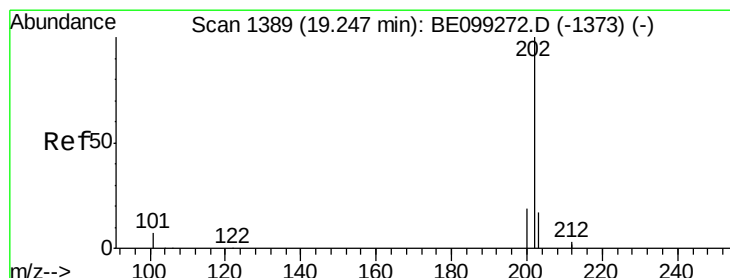
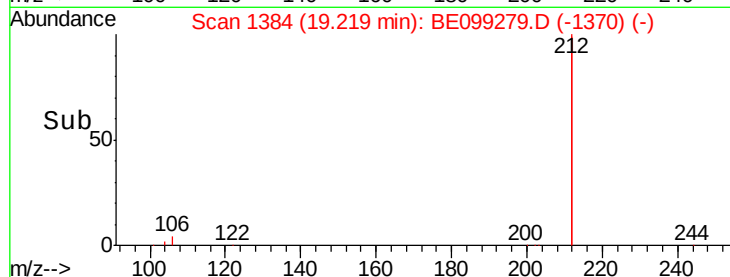
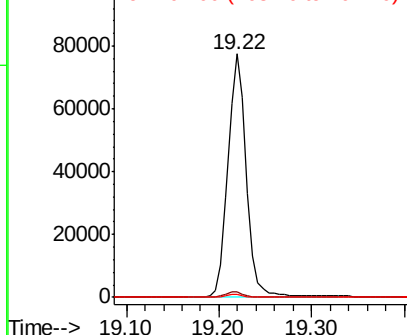


Abundance

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: 0.092 ng

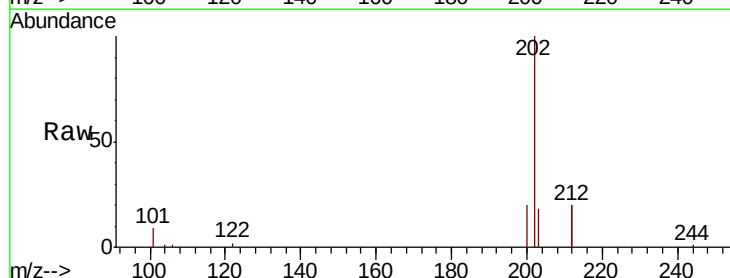
RT: 19.25 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion:	202	Resp:	8089
Ion	Ratio	Lower	Upper
202	100		
101	7.6	7.0	10.4
203	17.0	13.8	20.6

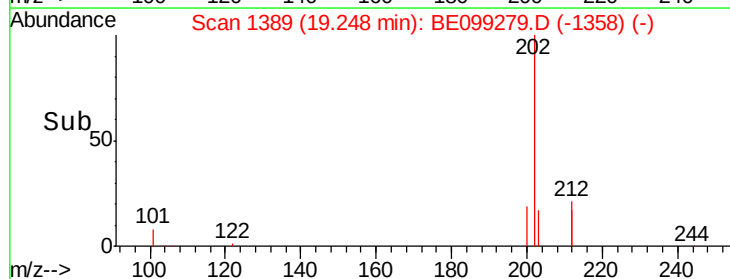
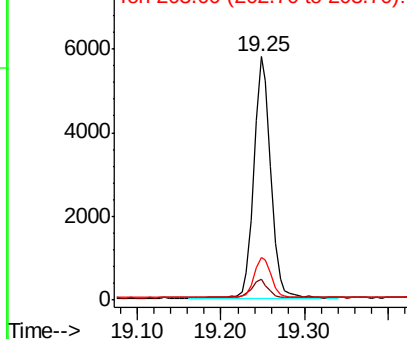


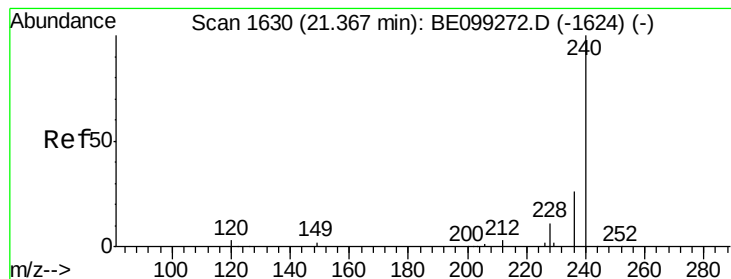
Abundance

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. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

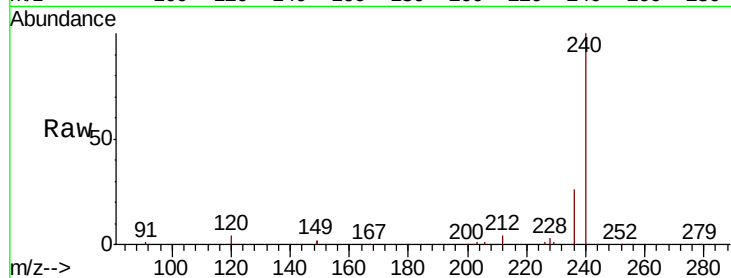
Tgt Ion:240 Resp: 32807

Ion Ratio Lower Upper

240 100

120 3.7 2.6 3.8

236 26.4 20.9 31.3

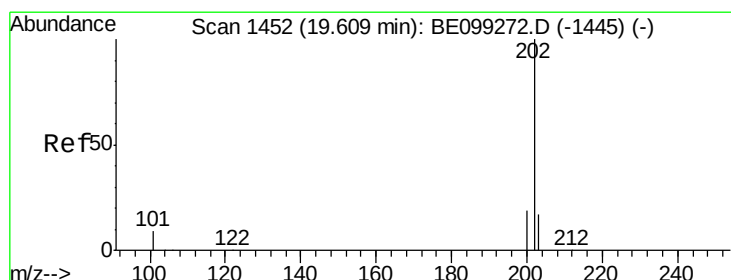
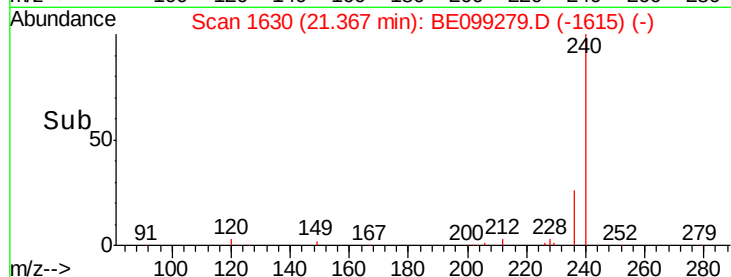
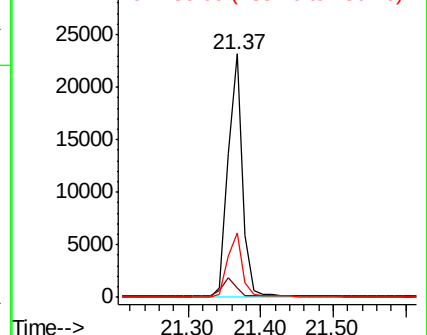


Abundance

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: 0.093 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

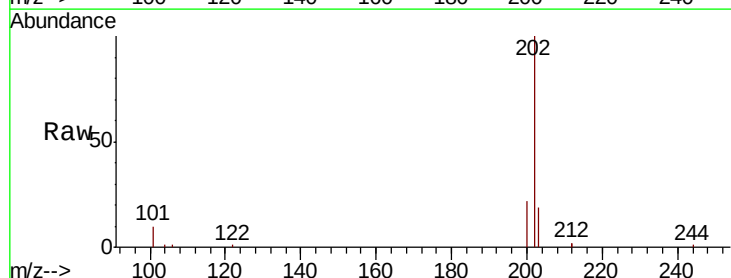
Tgt Ion:202 Resp: 8071

Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

203 17.6 14.1 21.1

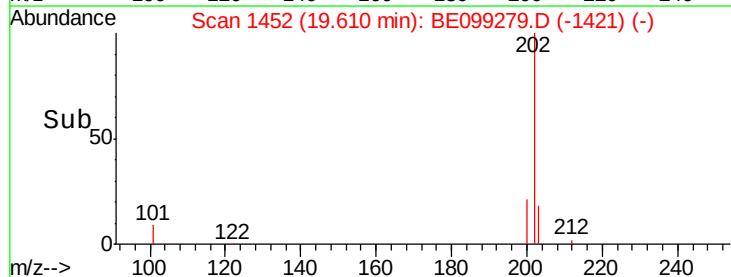
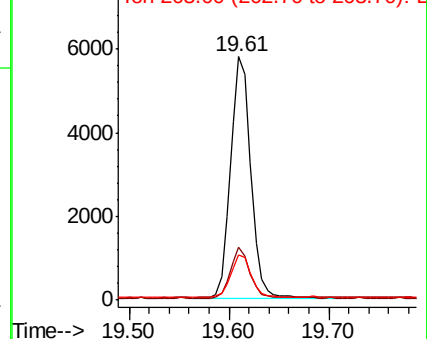


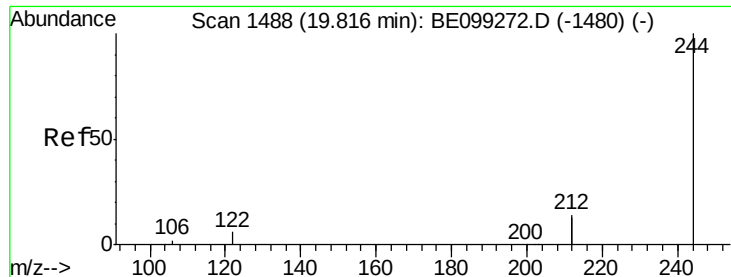
Abundance

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: 0.424 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

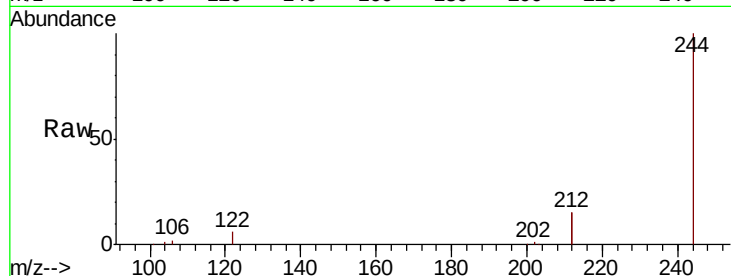
Tgt Ion:244 Resp: 25378

Ion Ratio Lower Upper

244 100

212 29.2 22.7 34.1

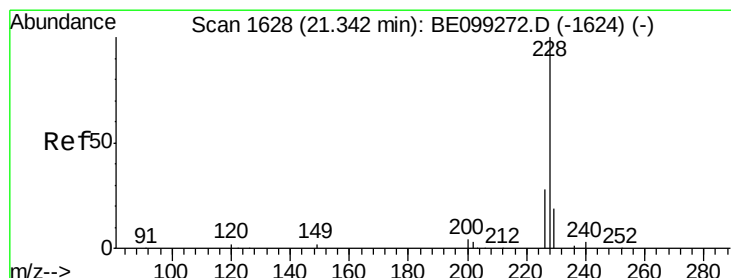
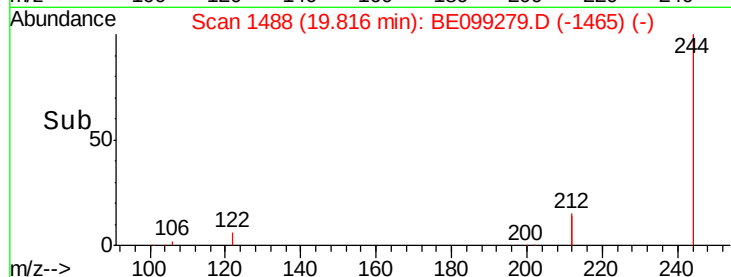
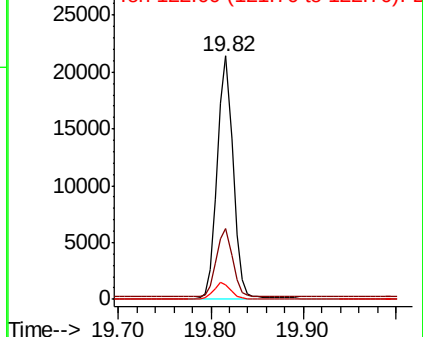
122 6.1 5.8 8.6



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: 0.092 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

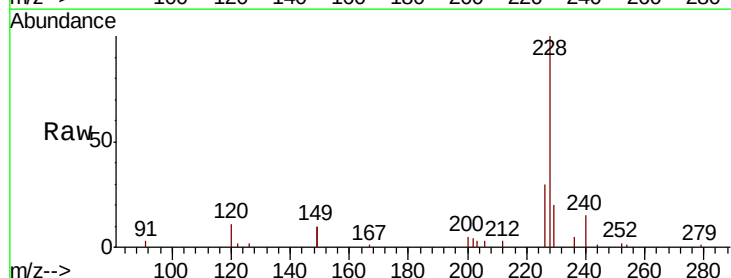
Tgt Ion:228 Resp: 9511

Ion Ratio Lower Upper

228 100

226 29.8 21.7 32.5

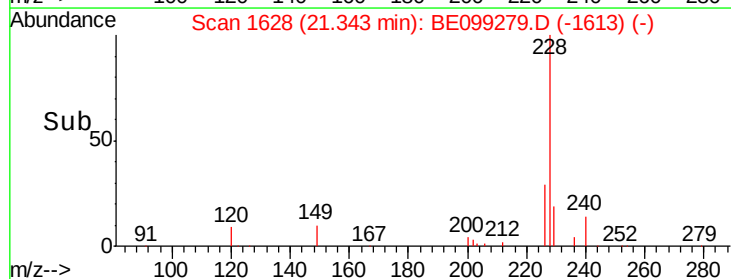
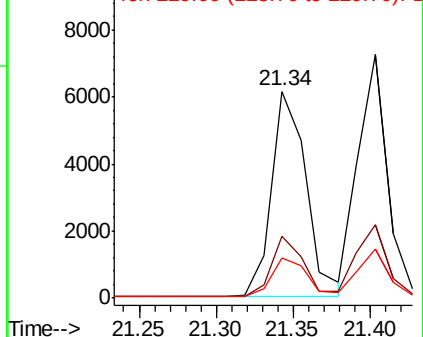
229 19.6 15.9 23.9

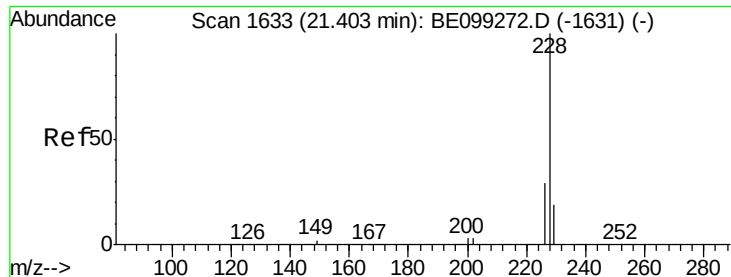


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.095 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

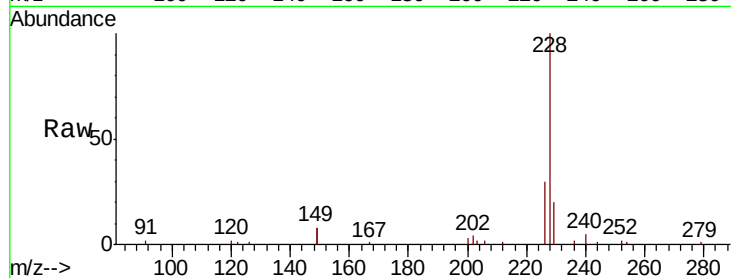
Tgt Ion:228 Resp: 9608

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

229 20.2 15.4 23.0

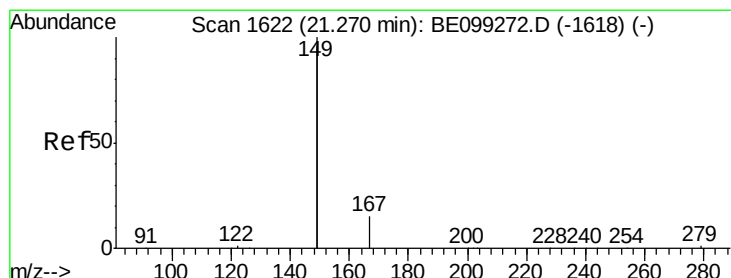
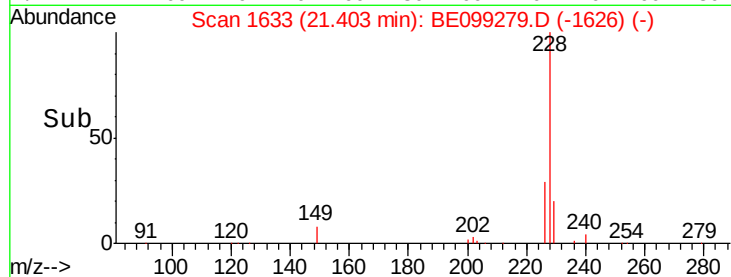
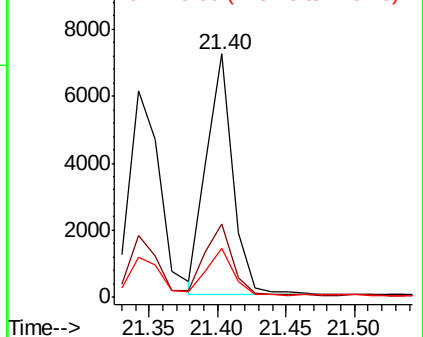


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

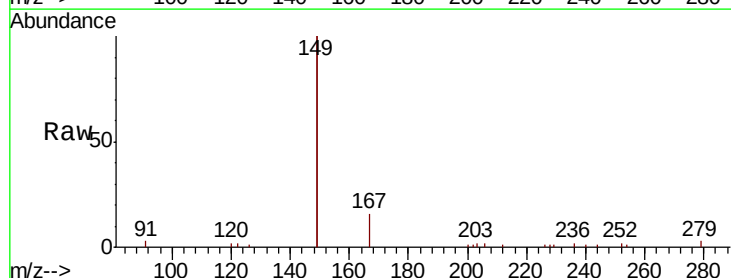
Tgt Ion:149 Resp: 10989

Ion Ratio Lower Upper

149 100

167 8.0 5.9 8.9

279 1.5 1.0 1.6

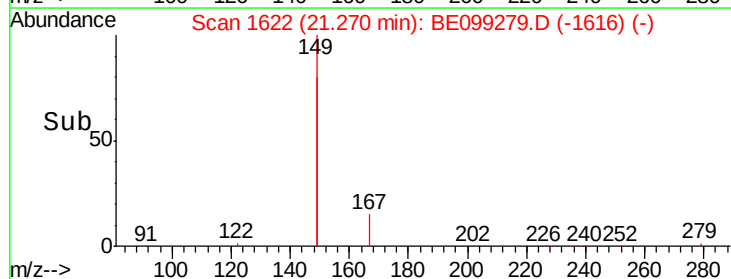
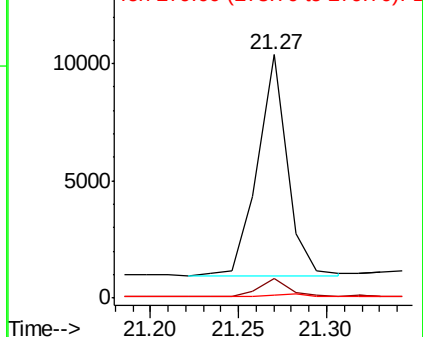


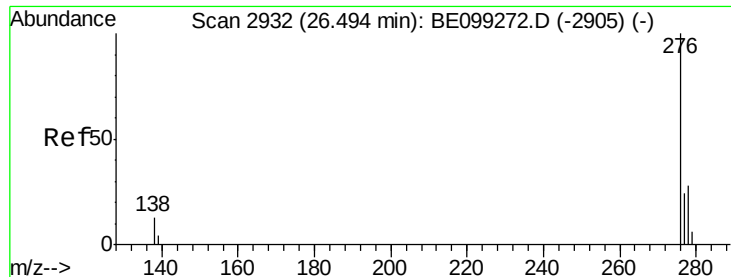
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

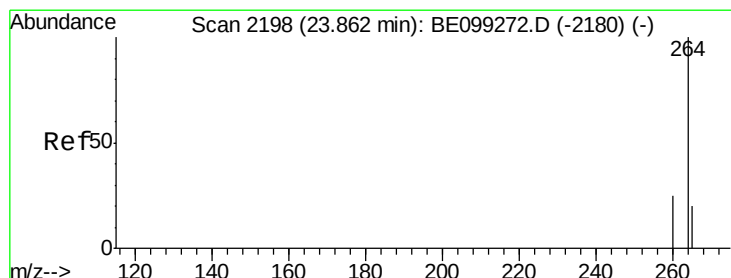
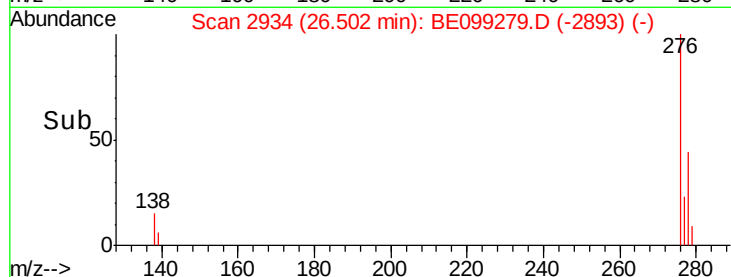
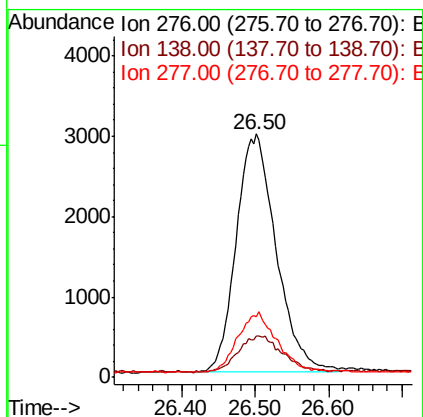
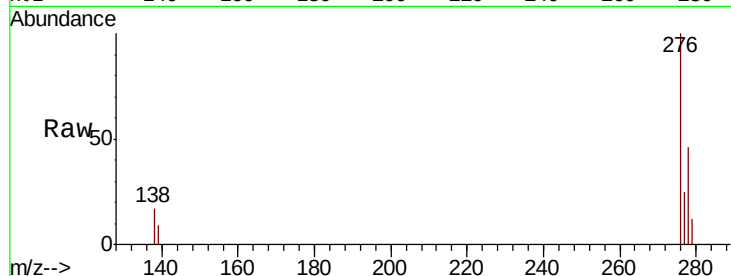




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.096 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. -0.05 min
 Lab File: BE099279.D
 Acq: 2 Apr 2019 18:10

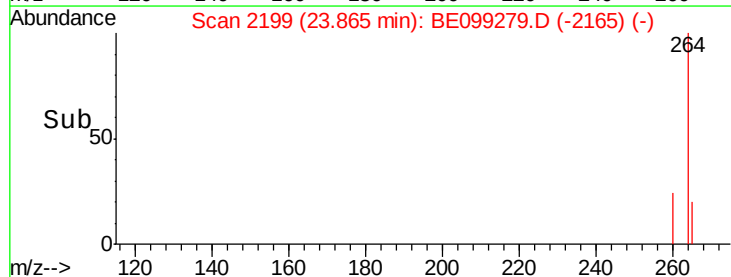
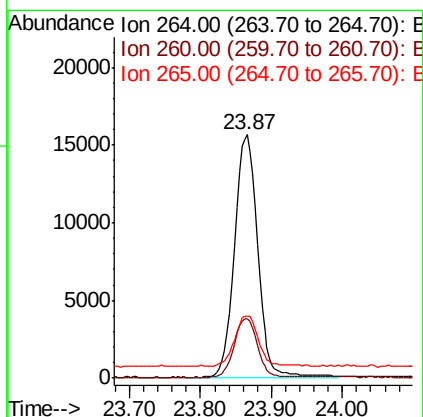
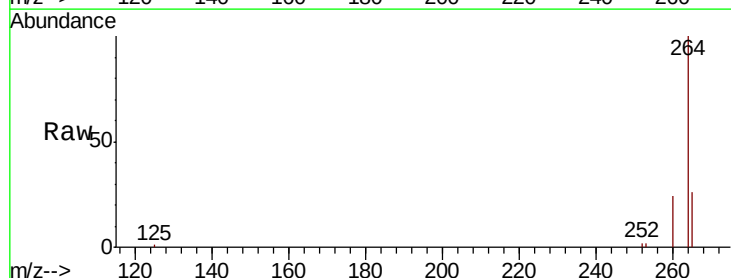
Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

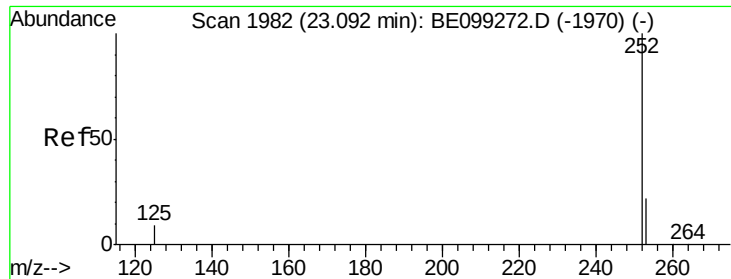
Tgt Ion:276 Resp: 11160
 Ion Ratio Lower Upper
 276 100
 138 17.3 12.9 19.3
 277 24.0 18.3 27.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2199
 Delta R.T. -0.03 min
 Lab File: BE099279.D
 Acq: 2 Apr 2019 18:10

Tgt Ion:264 Resp: 35289
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 25.6 21.8 32.8

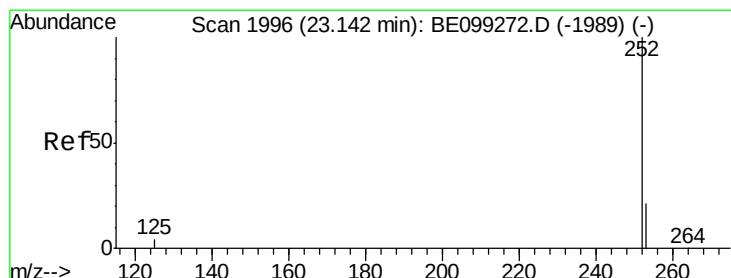
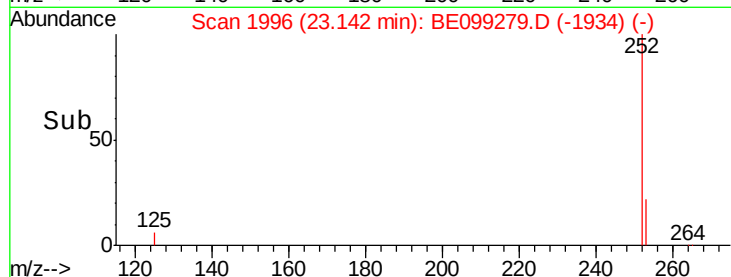
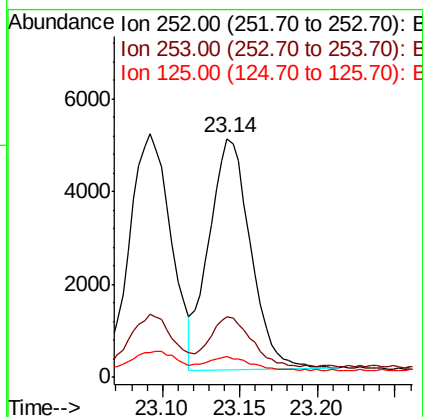
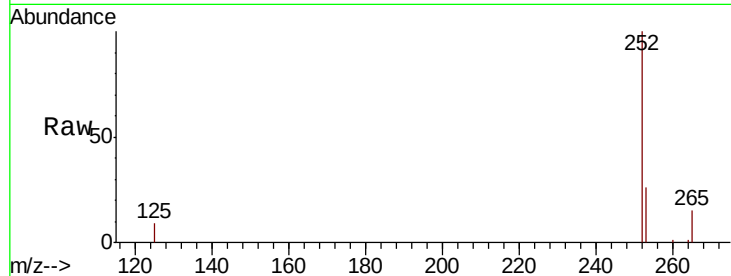




#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

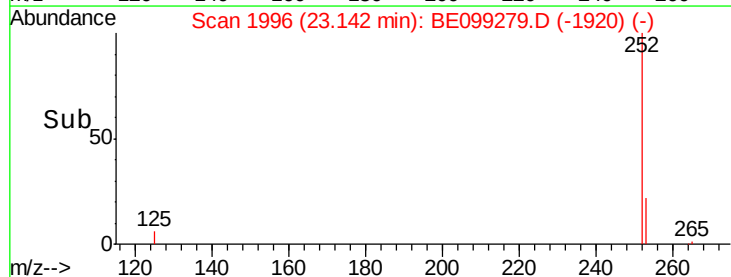
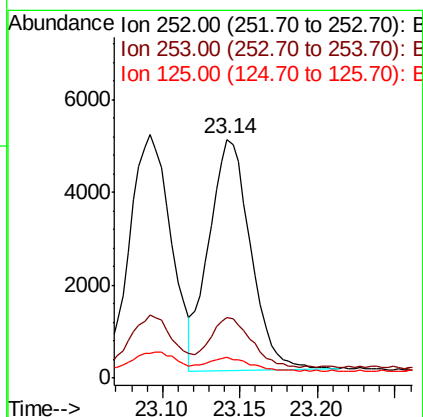
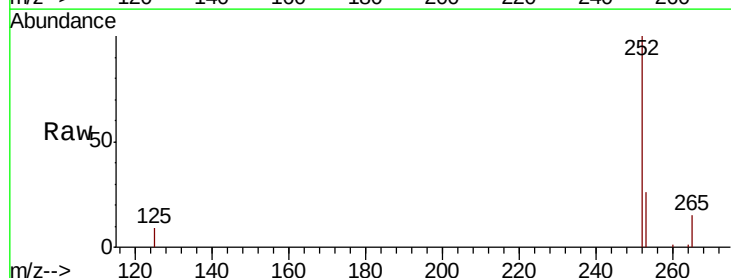
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

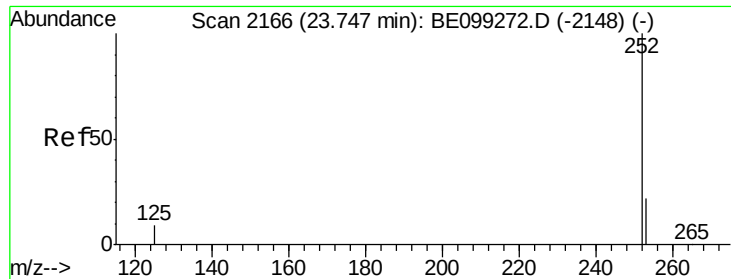
Tgt Ion:252 Resp: 9344
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 8.9 6.1 9.1



#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion:252 Resp: 9344
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.6
125 8.9 5.9 8.9#

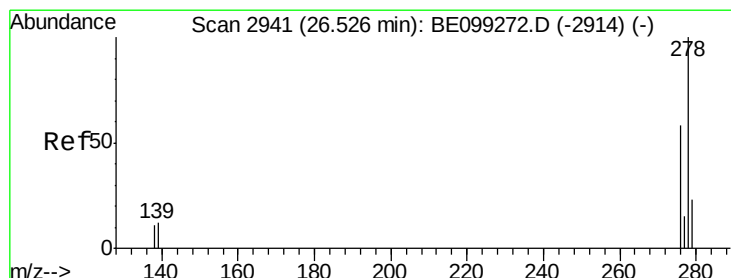
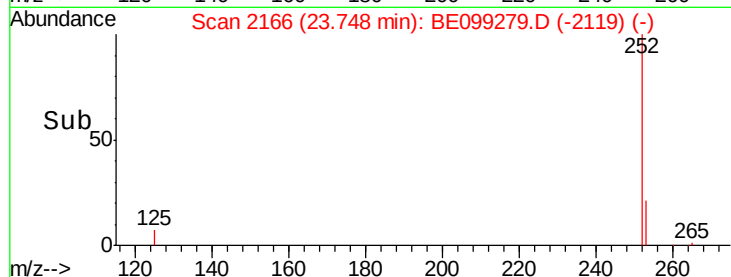
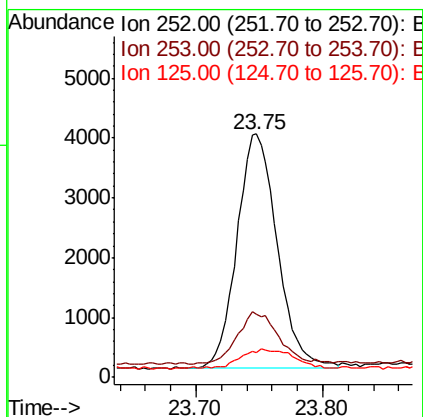
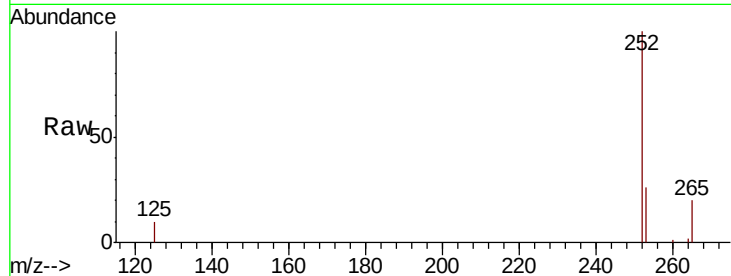




#37
Benzo(a)pyrene
Concen: 0.088 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

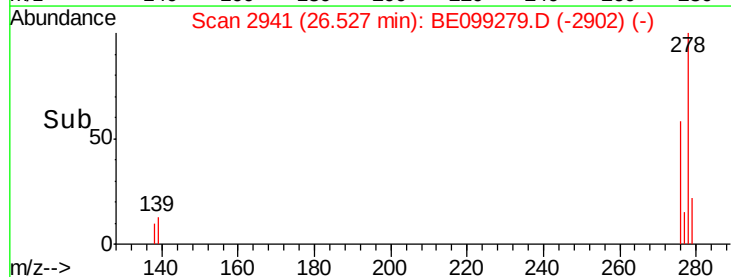
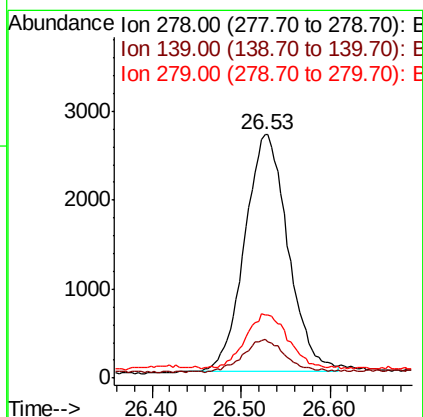
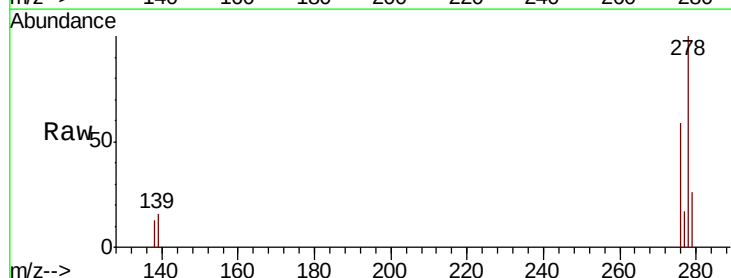
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

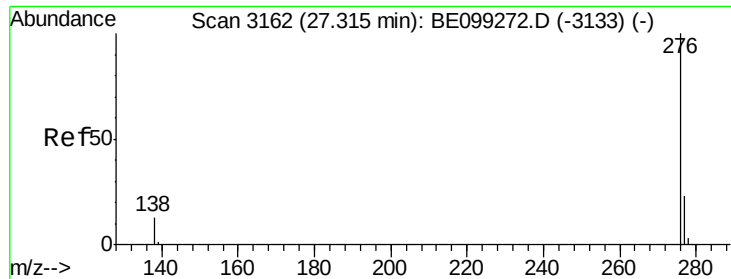
Tgt Ion:252 Resp: 8720
Ion Ratio Lower Upper
252 100
253 25.8 18.1 27.1
125 10.4 6.8 10.2#



#38
Dibenzo(a,h)anthracene
Concen: 0.091 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.06 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion:278 Resp: 9006
Ion Ratio Lower Upper
278 100
139 15.9 9.5 14.3#
279 25.9 19.1 28.7





#39

Benzo(g,h,i)perylene

Concen: 0.095 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.05 min

Lab File: BE099279.D

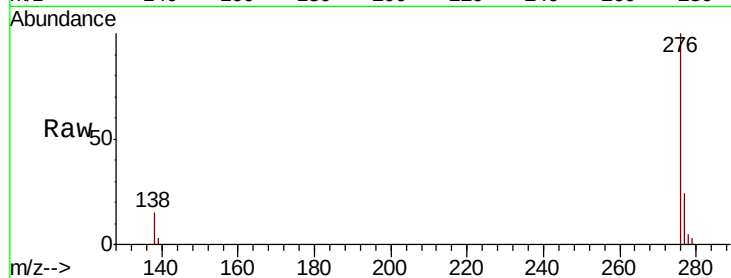
Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019



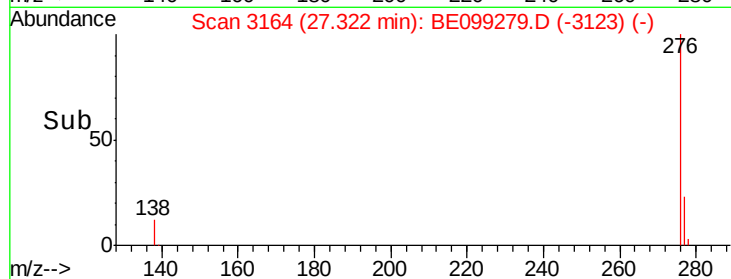
Tgt Ion: 276 Resp: 9294

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 14.5 11.1 16.7



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

