

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
 Data File : BE099067.D
 Acq On : 20 Mar 2019 13:59
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 28 01:20:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	715	0.40	ng	0.00
7) Naphthalene-d8	10.58	136	3522	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2293	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5548	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6209	0.40	ng	-0.01
34) Perylene-d12	23.89	264	5725	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	825	0.39	ng	0.01
5) Phenol-d6	7.00	99	1267	0.42	ng	0.01
8) Nitrobenzene-d5	8.96	82	1234	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2501	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	349	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	3638	0.38	ng	-0.01
25) Fluoranthene-d10	19.24	212	29056	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	5645	0.37	ng	0.00

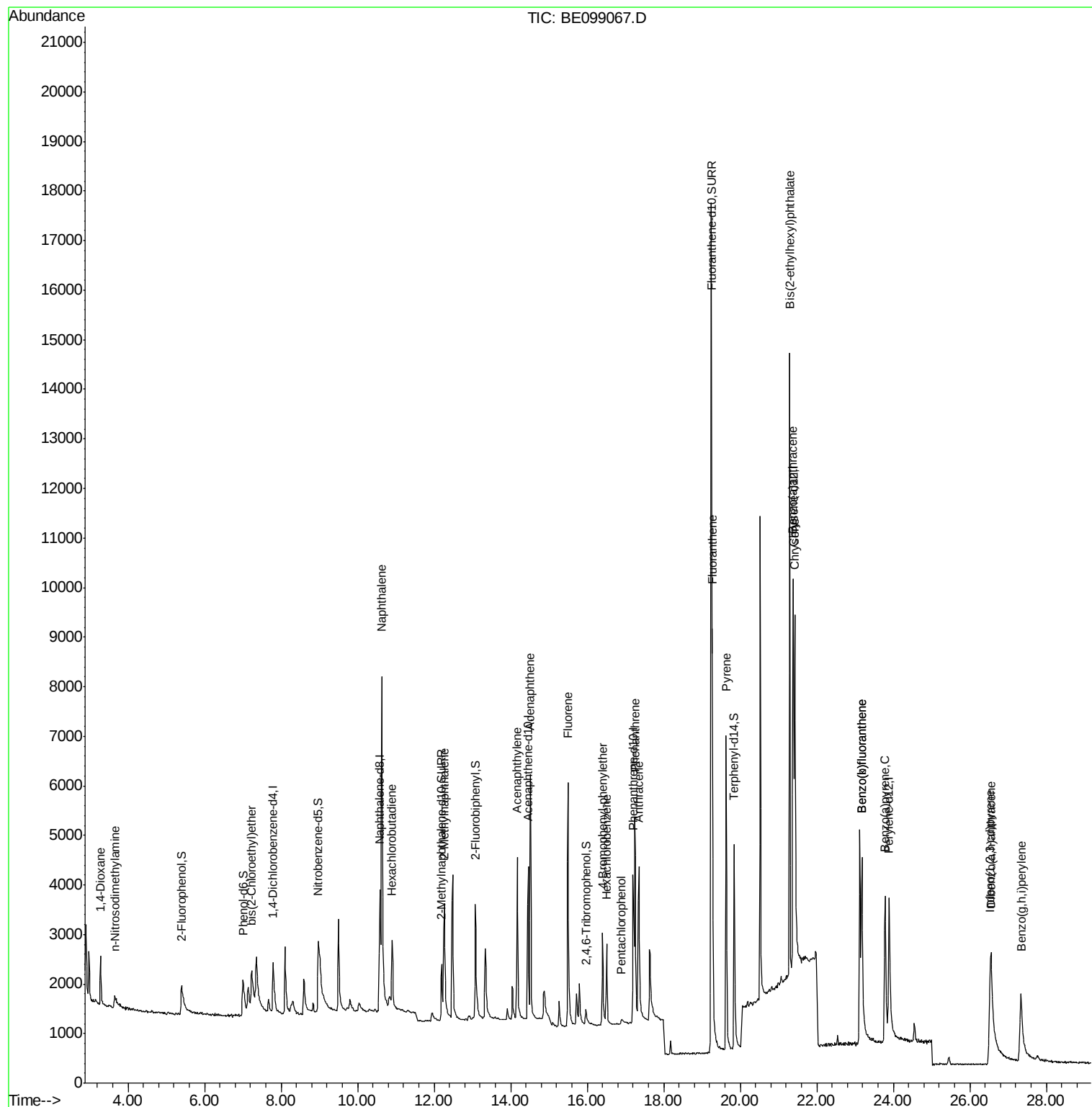
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	606	0.446	ng	99
3) n-Nitrosodimethylamine	3.65	42	245	0.136	ng	# 84
6) bis(2-Chloroethyl)ether	7.23	93	731	0.314	ng	84
9) Naphthalene	10.63	128	15294	0.379	ng	100
10) Hexachlorobutadiene	10.90	225	917	0.344	ng	99
12) 2-Methylnaphthalene	12.27	142	2380	0.364	ng	98
16) Acenaphthylene	14.17	152	4368	0.370	ng	98
17) Acenaphthene	14.51	154	2644	0.378	ng	98
18) Fluorene	15.50	166	3606	0.357	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1096	0.364	ng	97
21) Hexachlorobenzene	16.50	284	1356	0.379	ng	96
22) Pentachlorophenol	16.89	266	169	0.403	ng	98
23) Phenanthrene	17.24	178	5614	0.356	ng	99
24) Anthracene	17.35	178	4397	0.326	ng	99
26) Fluoranthene	19.27	202	7350	0.330	ng	99
28) Pyrene	19.63	202	7596	0.400	ng	99
30) Benzo(a)anthracene	21.38	228	6504	0.336	ng	98
31) Chrysene	21.43	228	7640	0.369	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	14756	0.358	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	5940	0.271	ng	# 86
35) Benzo(b)fluoranthene	23.18	252	7387	0.392	ng	93
36) Benzo(k)fluoranthene	23.18	252	7940	0.403	ng	96
37) Benzo(a)pyrene	23.78	252	6859	0.380	ng	# 84
38) Dibenzo(a,h)anthracene	26.56	278	4167	0.244	ng	# 87
39) Benzo(g,h,i)perylene	27.34	276	5087	0.285	ng	95

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

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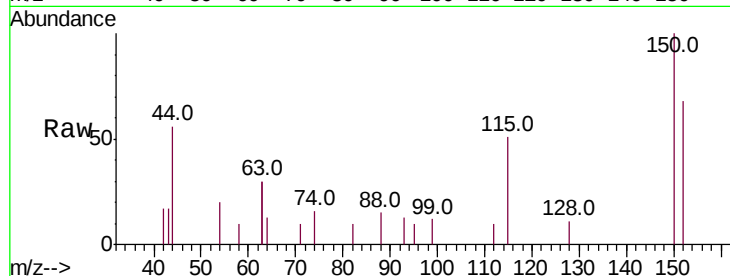


#1

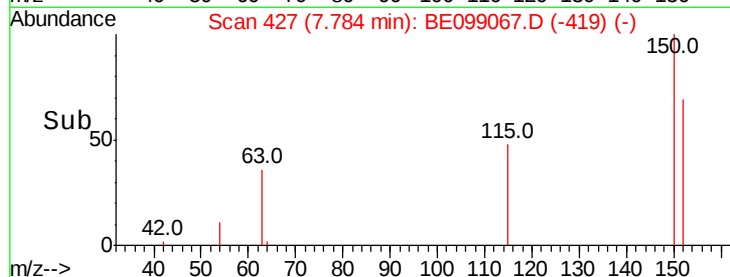
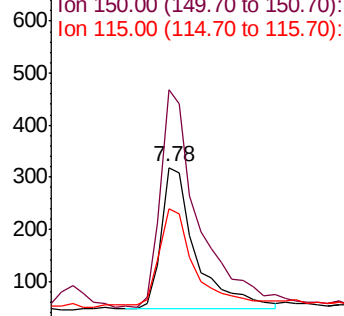
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 715
Ion Ratio Lower Upper
152 100
150 146.7 122.5 183.7
115 75.2 57.4 86.2



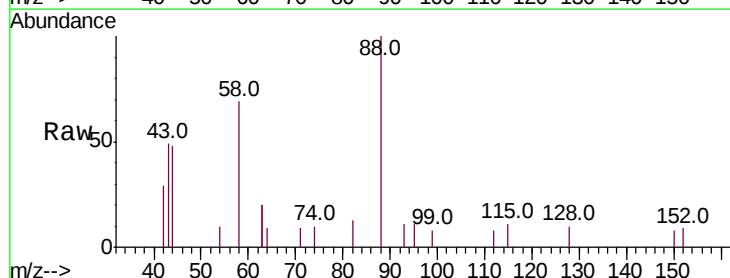
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



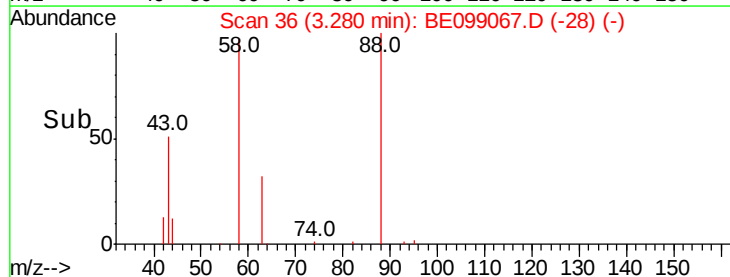
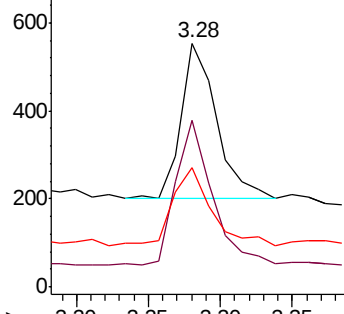
#2

1,4-Dioxane
Concen: 0.446 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Tgt Ion: 88 Resp: 606
Ion Ratio Lower Upper
88 100
58 96.4 75.8 113.6
43 52.8 41.8 62.8



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



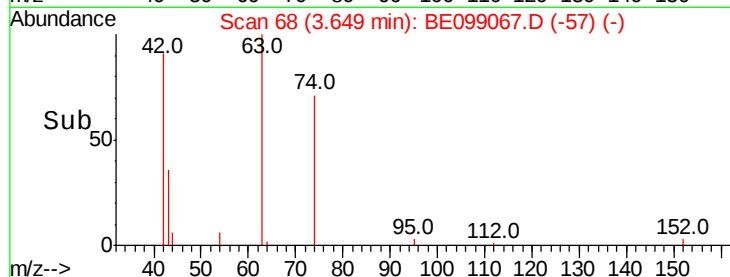
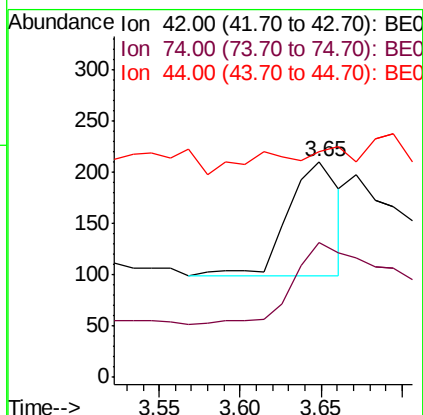
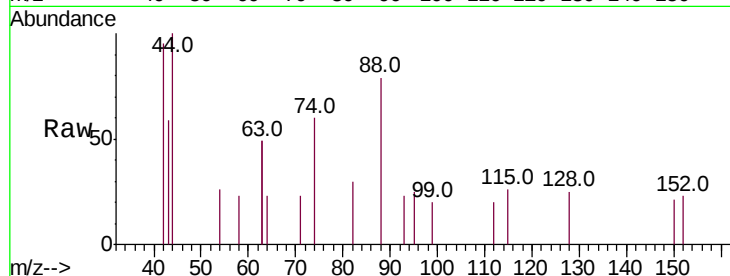


#3

n-Nitrosodimethylamine
 Concen: 0.136 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.03 min
 Lab File: BE099067.D
 Acq: 20 Mar 2019 13:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

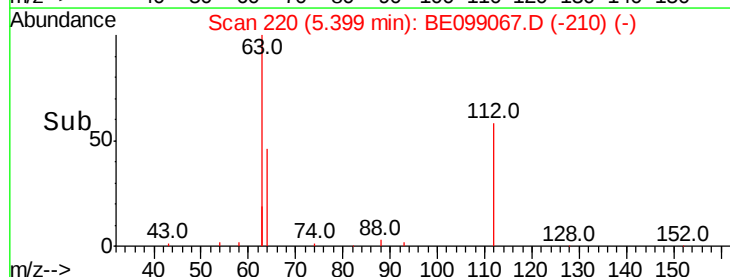
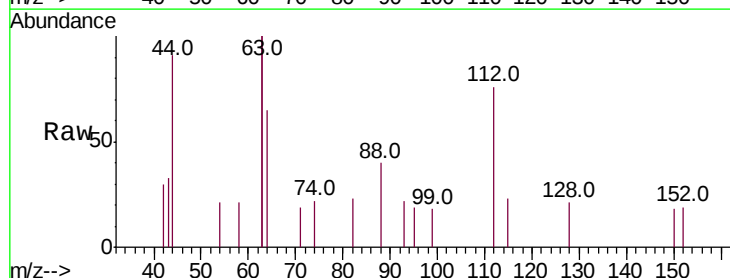
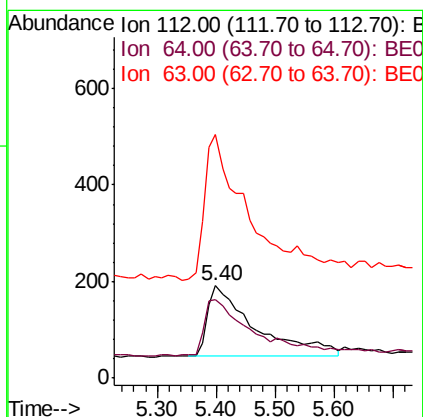
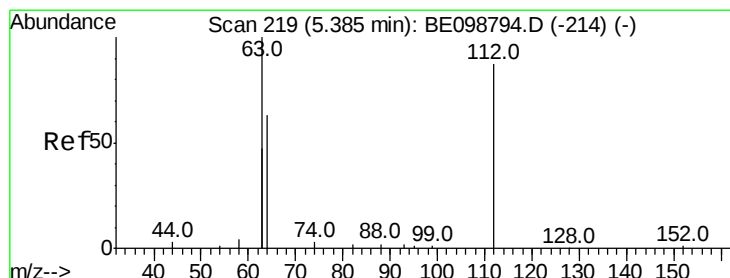
Tot Ion: 42 Resp: 245
 Ion Ratio Lower Upper
 42 100
 74 84.5 57.0 85.4
 44 0.0 0.0 0.0

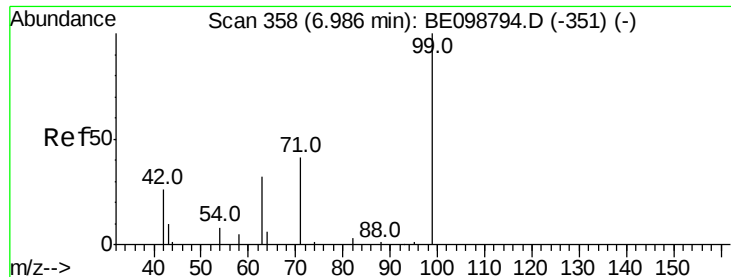


#4

2-Fluorophenol
 Concen: 0.386 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE099067.D
 Acq: 20 Mar 2019 13:59

Tgt Ion: 112 Resp: 825
 Ion Ratio Lower Upper
 112 100
 64 82.9 57.9 86.9
 63 174.7 158.3 237.5





#5

Phenol-d6

Concen: 0.420 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

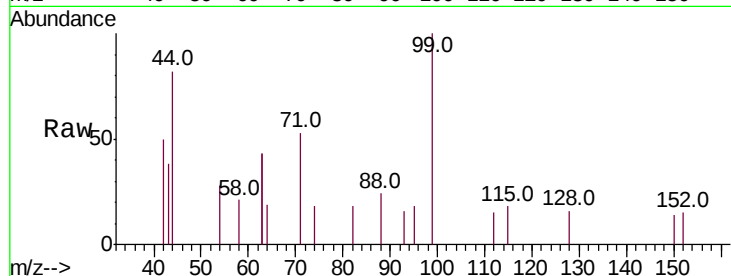
Tot Ion: 99 Resp: 1267

Ion Ratio Lower Upper

99 100

42 32.5 24.2 36.2

71 48.0 35.7 53.5



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.00

400

300

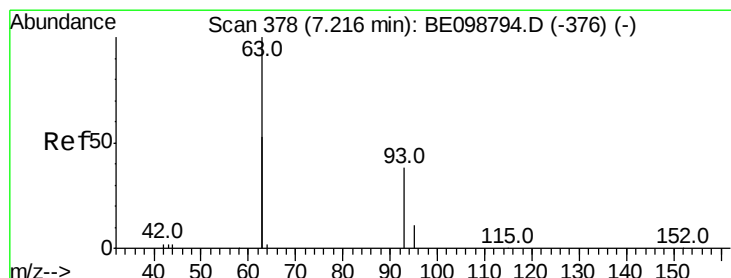
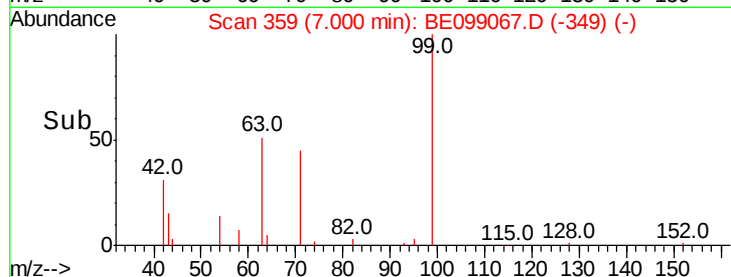
200

100

0

6.90 7.00 7.10 7.20 7.30

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.314 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

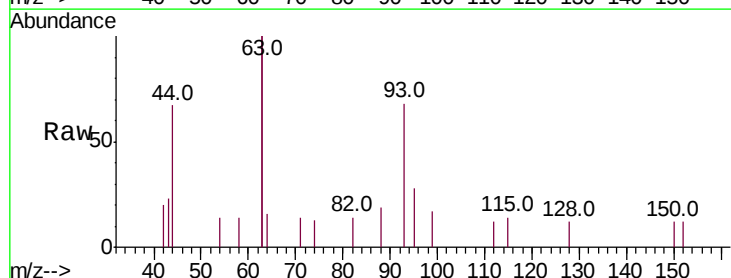
Tgt Ion: 93 Resp: 731

Ion Ratio Lower Upper

93 100

63 277.2 247.5 371.3

95 32.3 21.8 32.8



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

1000

800

600

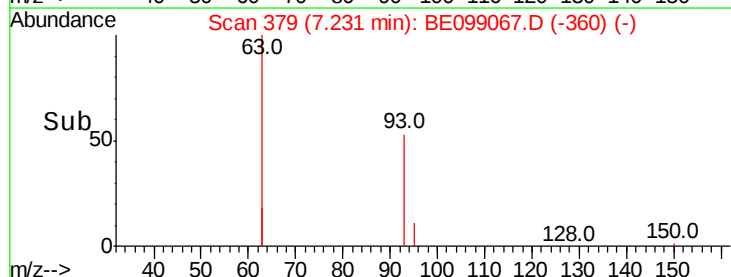
400

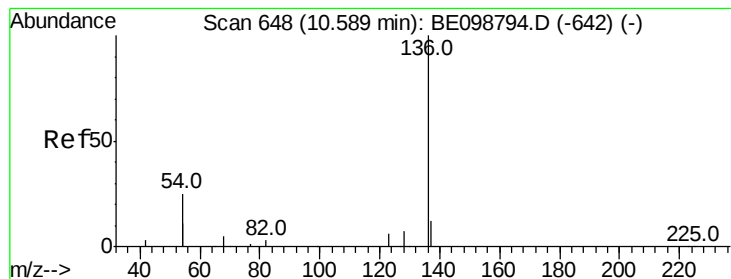
200

0

7.20 7.23 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3522

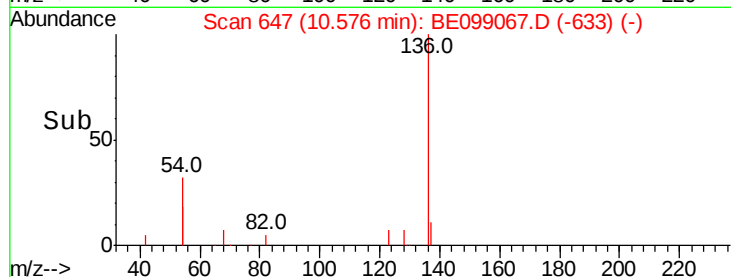
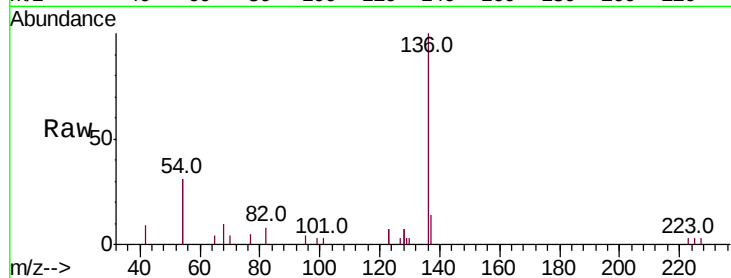
Ion Ratio Lower Upper

136 100

137 13.9 11.4 17.0

54 62.7 39.3 58.9#

68 9.7 6.7 10.1

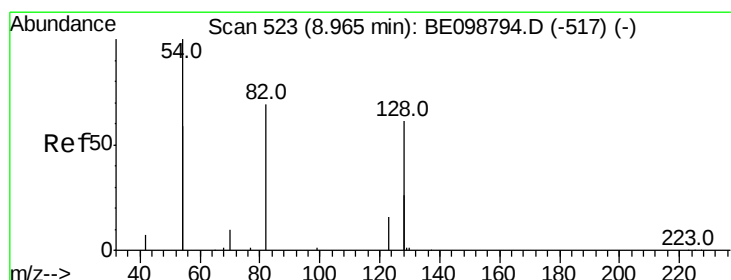
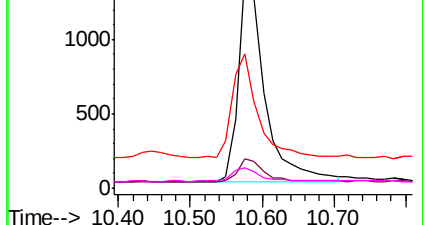


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.334 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

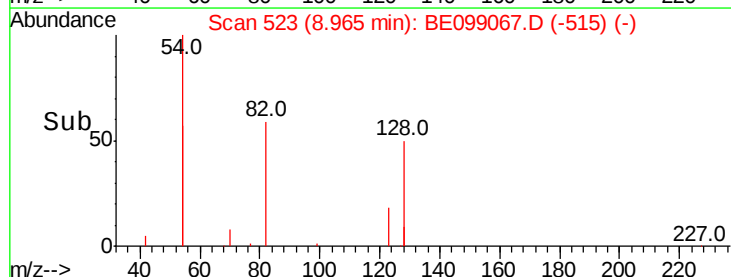
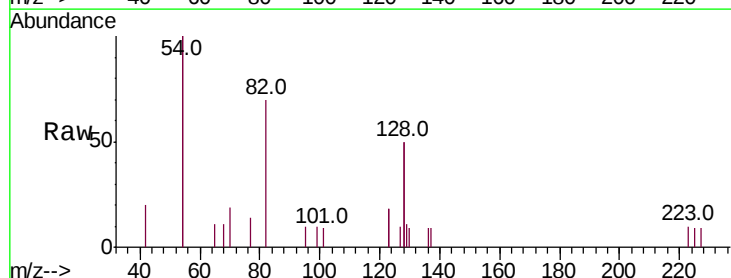
Tgt Ion: 82 Resp: 1234

Ion Ratio Lower Upper

82 100

128 142.5 123.8 185.8

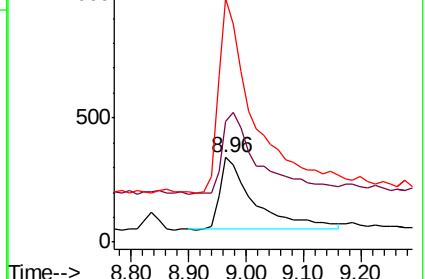
54 287.4 203.4 305.2

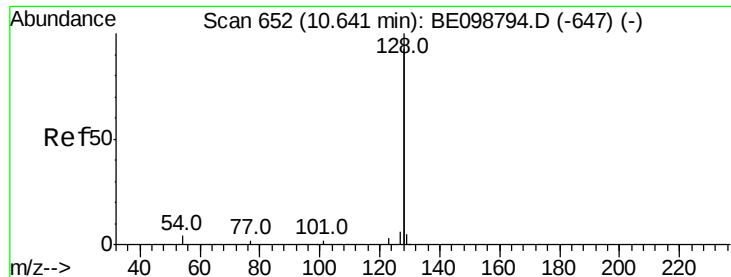


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.379 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

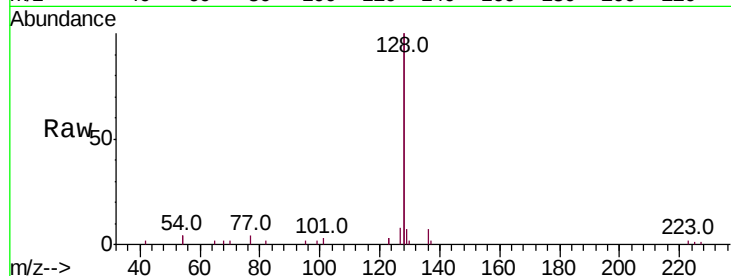
Tot Ion:128 Resp: 15294

Ion Ratio Lower Upper

128 100

129 3.6 2.6 4.0

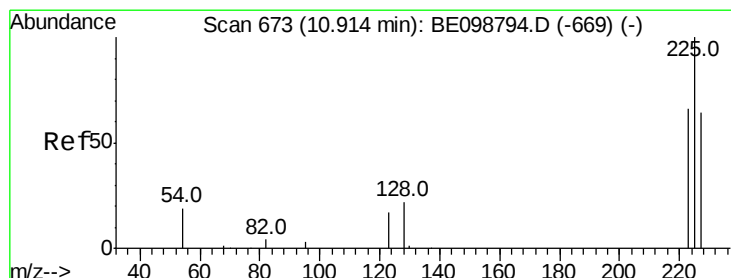
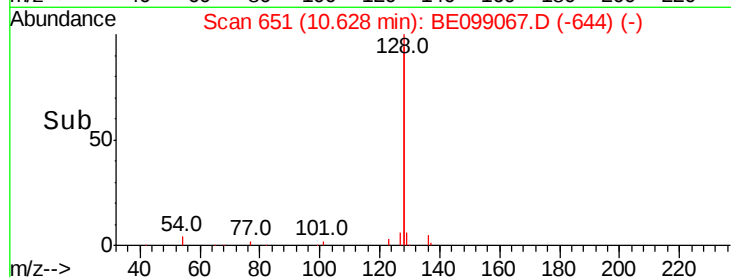
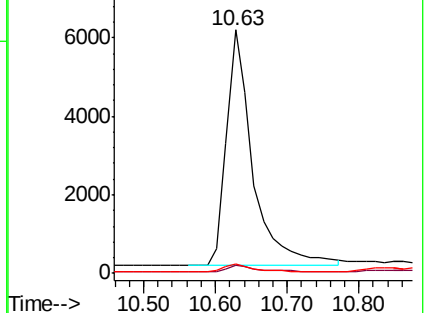
127 3.9 3.1 4.7



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: 0.344 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

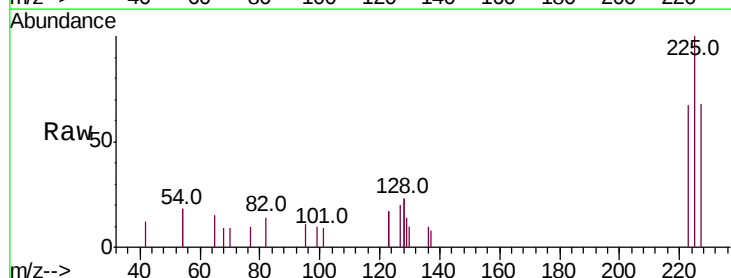
Tgt Ion:225 Resp: 917

Ion Ratio Lower Upper

225 100

223 63.6 51.1 76.7

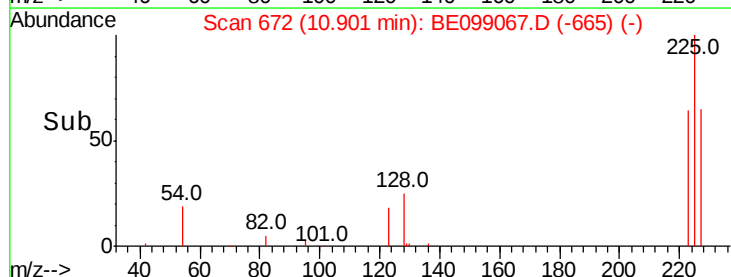
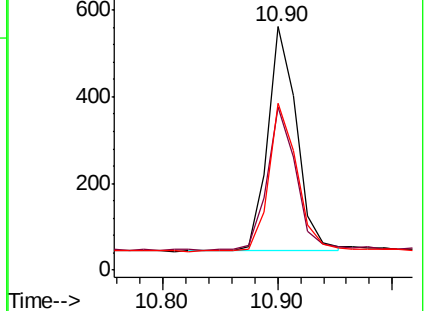
227 63.5 51.6 77.4

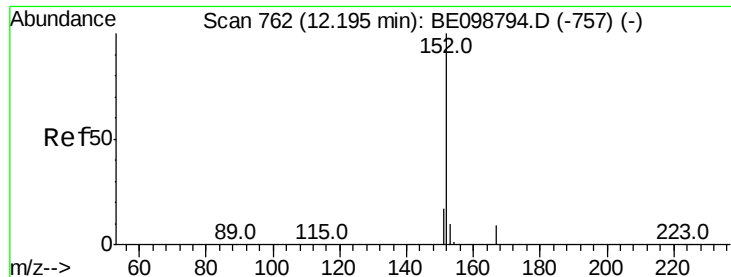


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

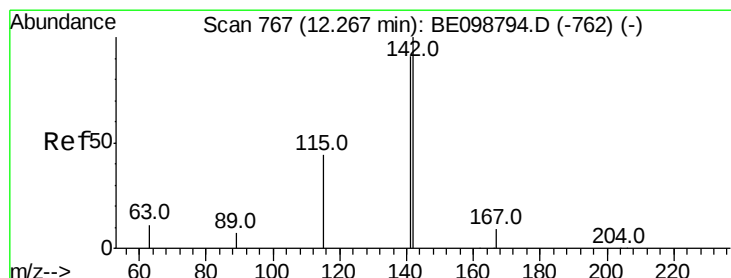
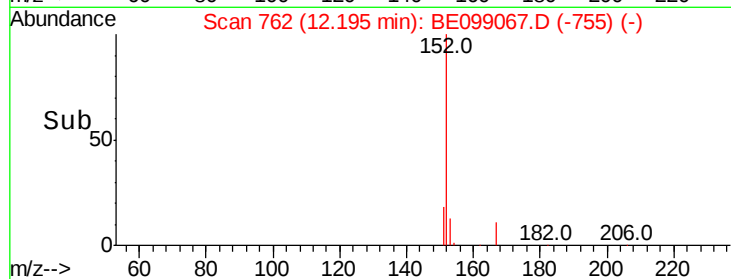
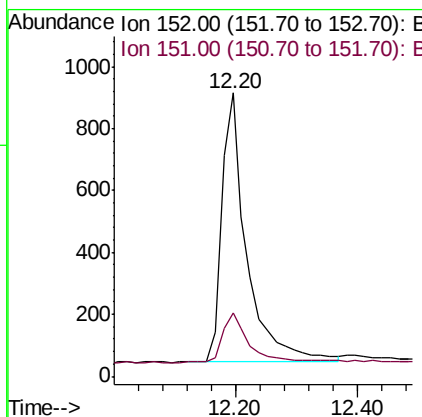
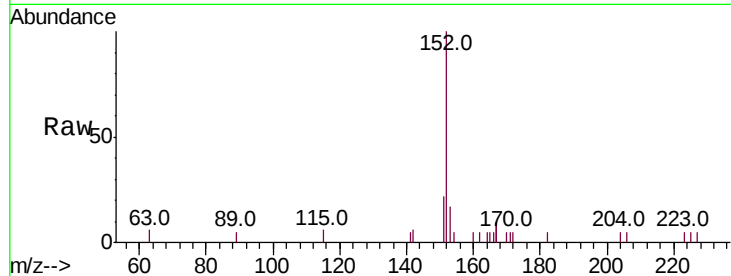




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099067.D
 Acq: 20 Mar 2019 13:59

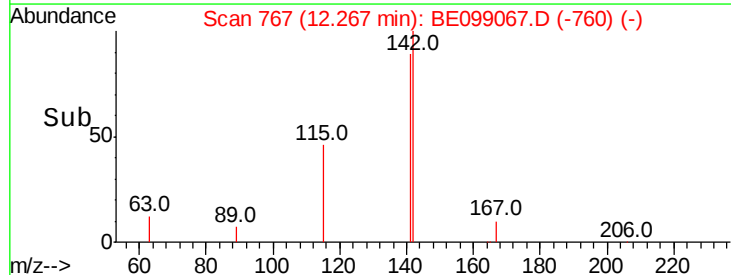
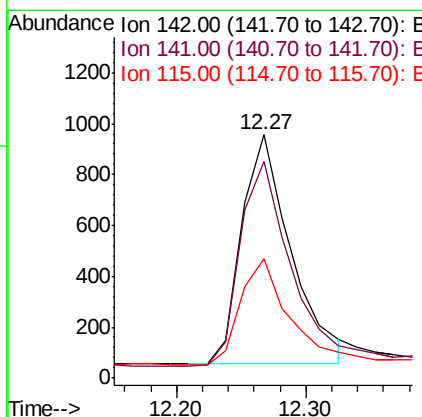
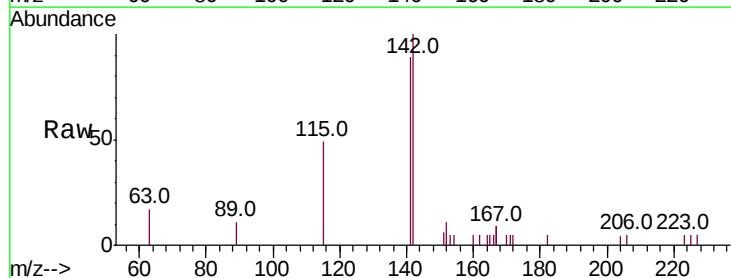
Instrument :
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 SSTDCCC0.4

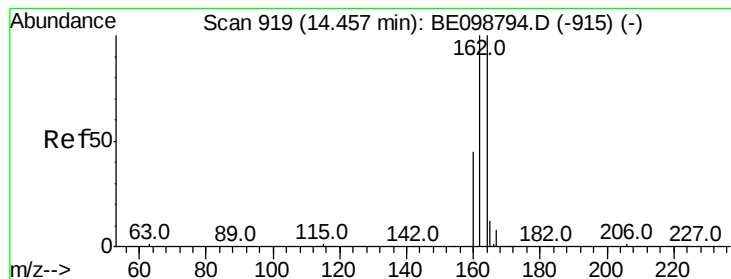
Tot Ion:152 Resp: 2501
 Ion Ratio Lower Upper
 152 100
 151 18.6 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 0.364 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE099067.D
 Acq: 20 Mar 2019 13:59

Tgt Ion:142 Resp: 2380
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.6 108.8
 115 49.0 37.4 56.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

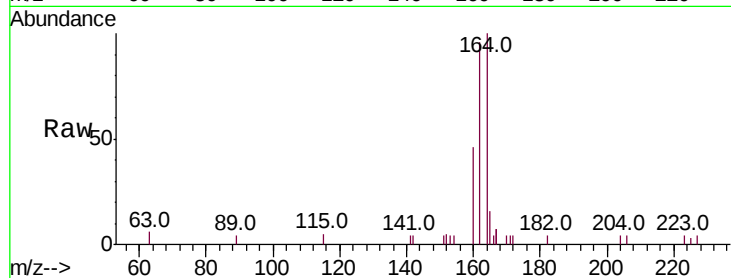
Tot Ion:164 Resp: 2293

Ion Ratio Lower Upper

164 100

162 96.1 80.2 120.2

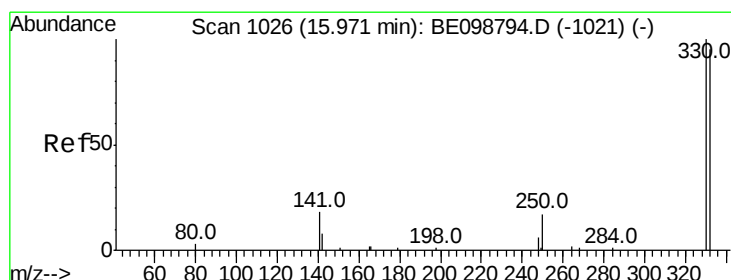
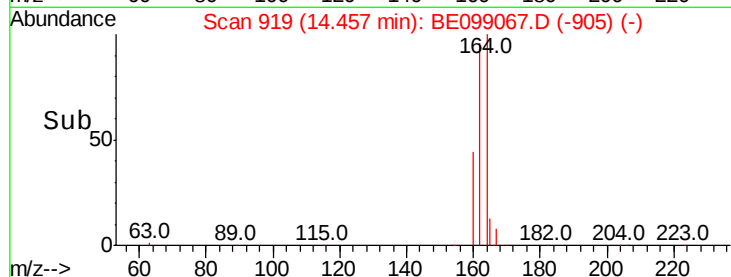
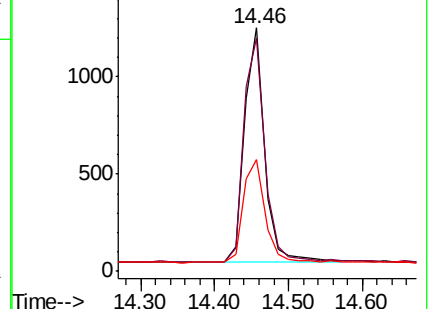
160 45.9 37.8 56.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.302 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

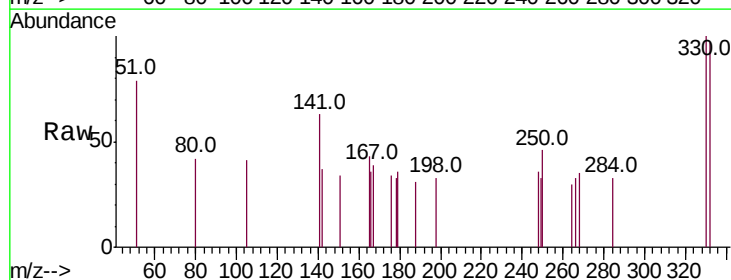
Tgt Ion:330 Resp: 349

Ion Ratio Lower Upper

330 100

332 95.4 77.6 116.4

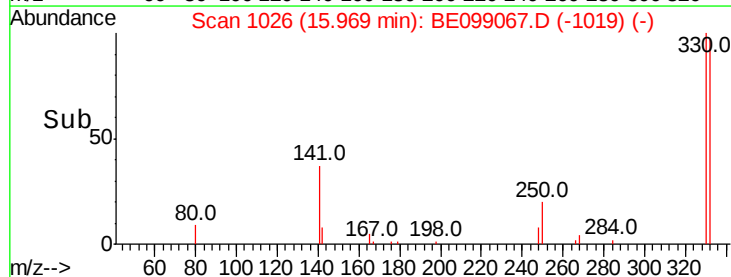
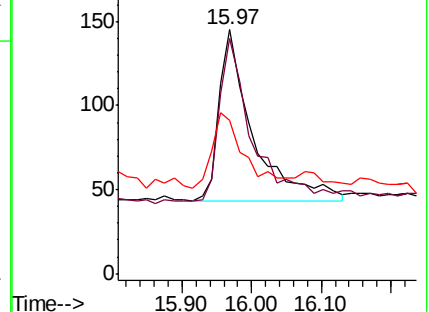
141 41.5 31.0 46.4

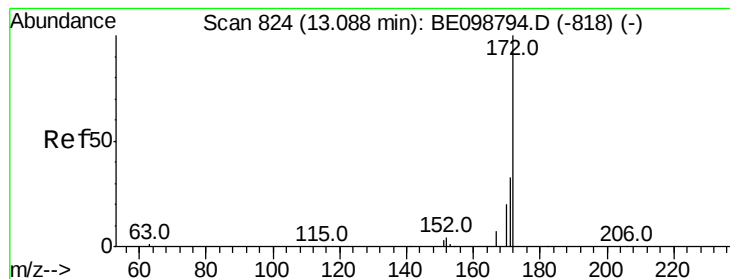


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

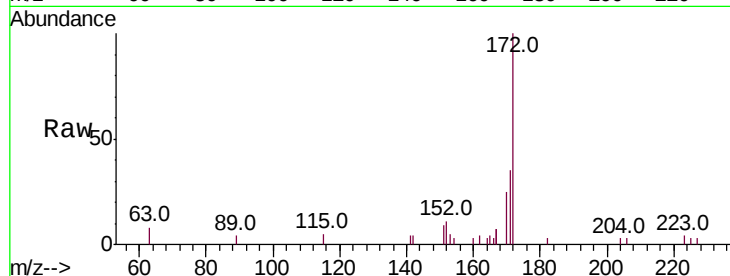




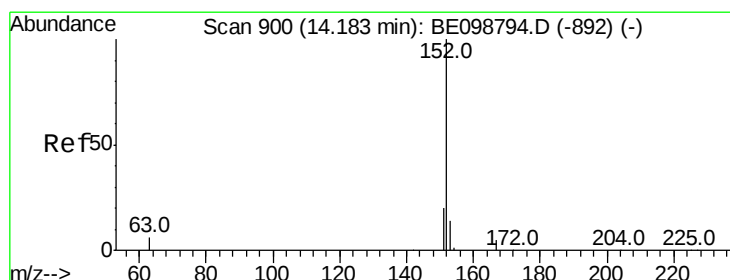
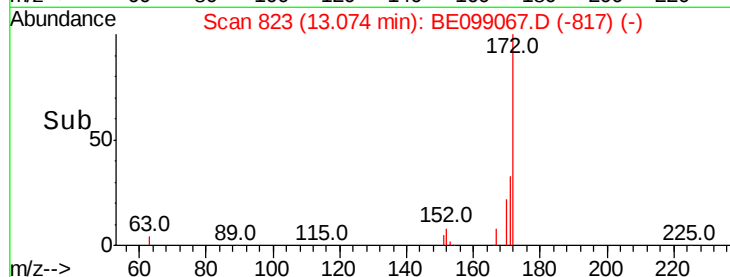
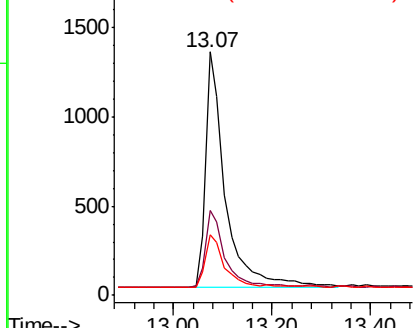
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 3638
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 25.1 17.7 26.5

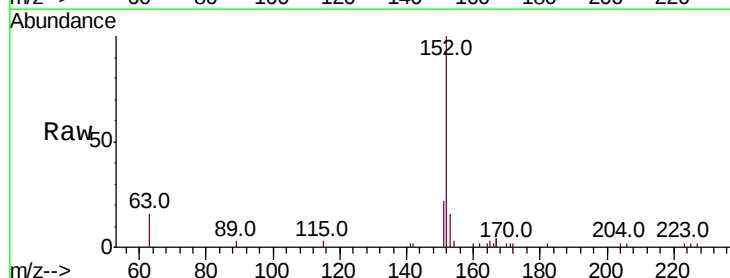


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

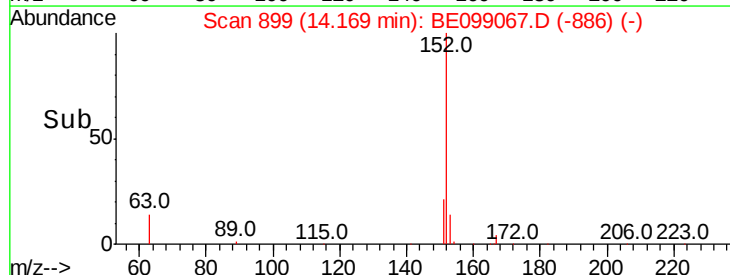
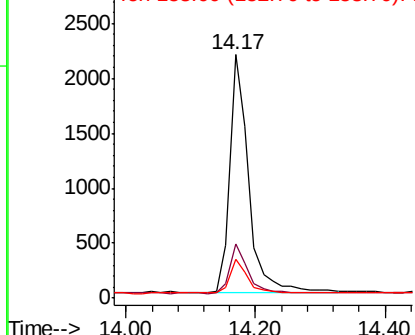


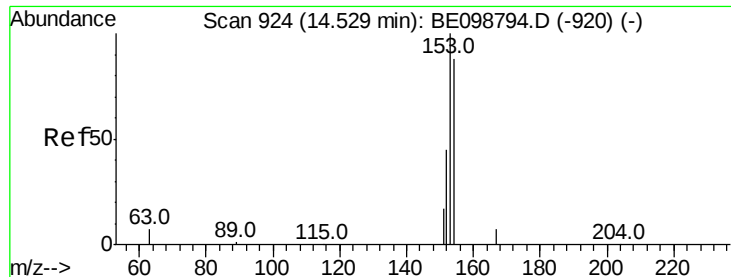
#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Tgt Ion:152 Resp: 4368
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.6
153 13.3 11.2 16.8



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

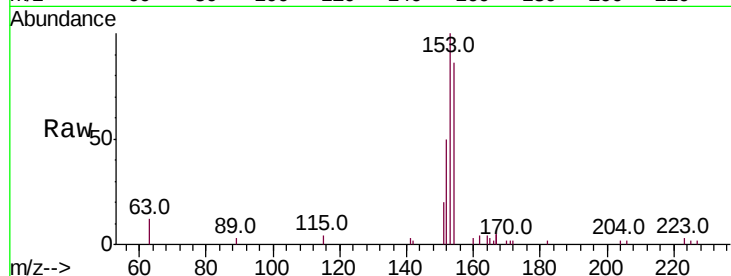




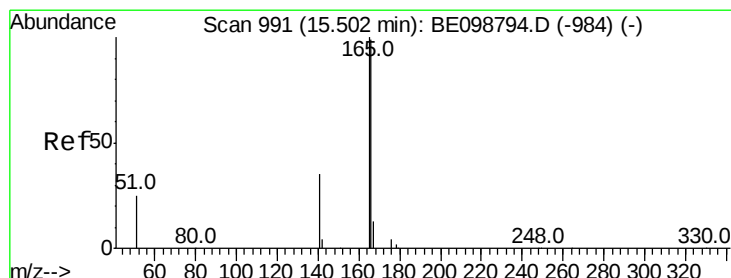
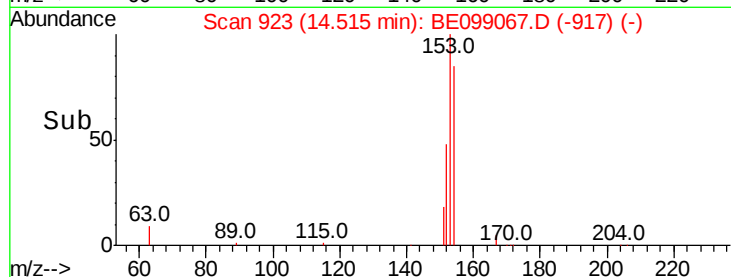
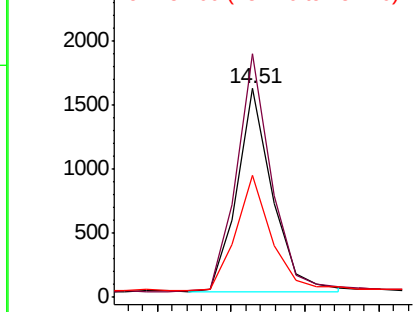
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 2644
Ion Ratio Lower Upper
154 100
153 115.3 94.2 141.4
152 57.4 45.0 67.4

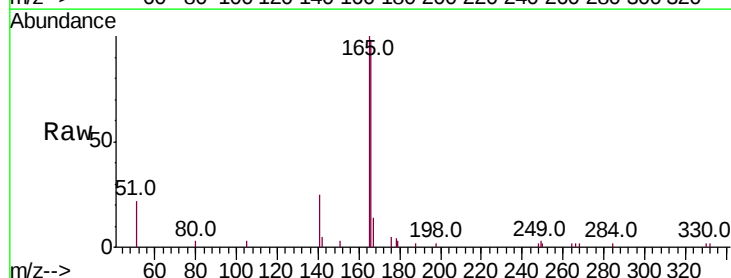


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

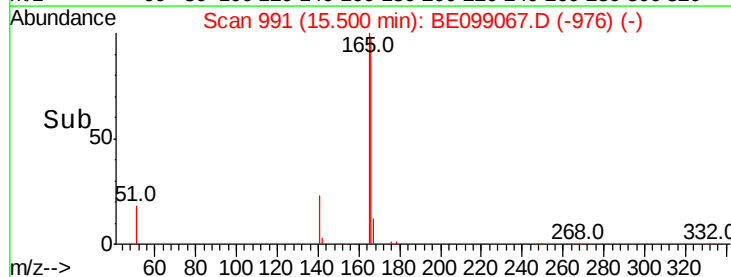
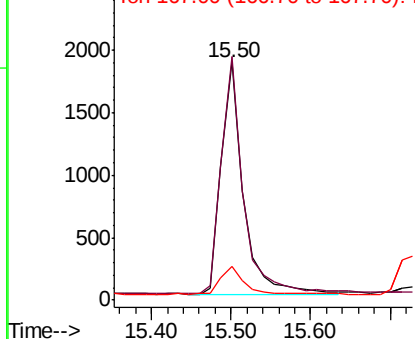


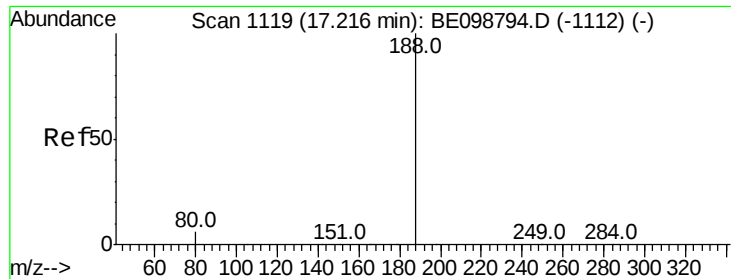
#18
Fluorene
Concen: 0.357 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Tgt Ion:166 Resp: 3606
Ion Ratio Lower Upper
166 100
165 101.1 79.3 118.9
167 13.2 10.5 15.7



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

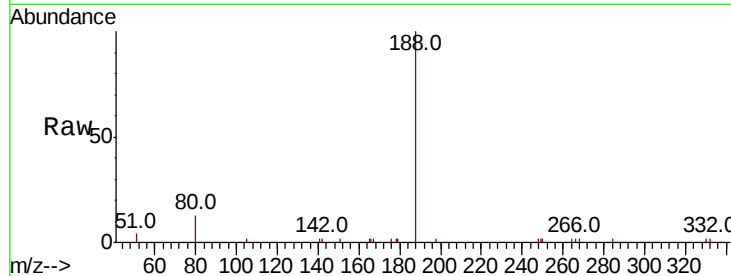




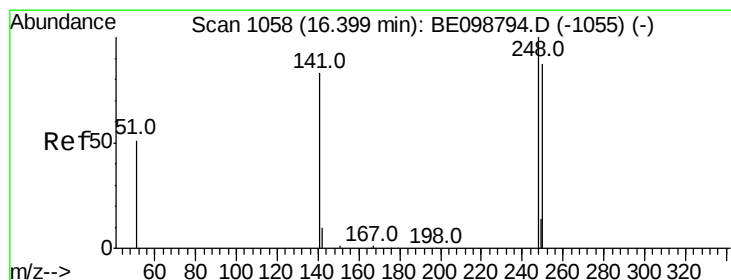
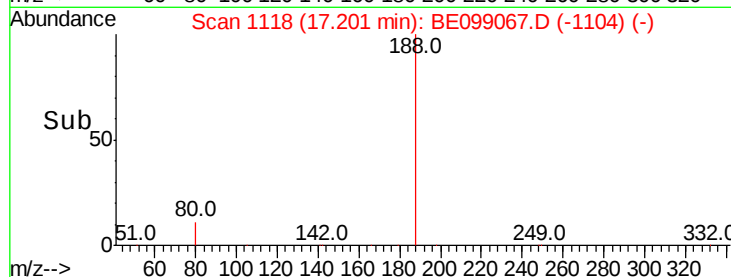
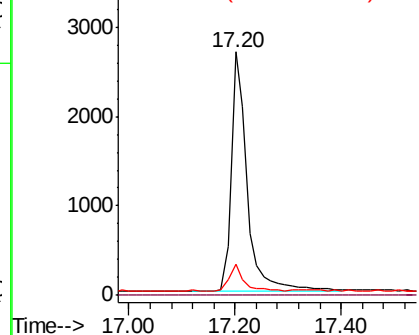
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:188 Resp: 5548
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 6.3 9.5#

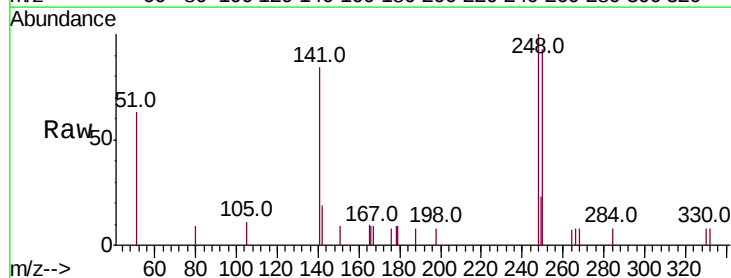


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

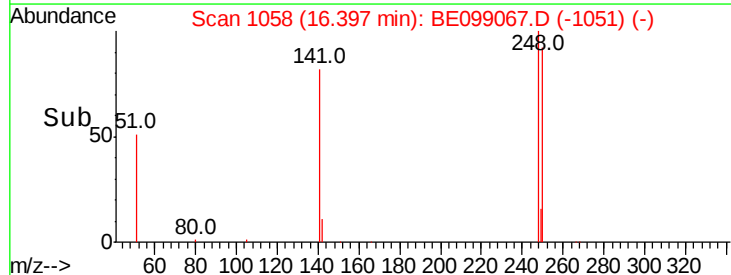
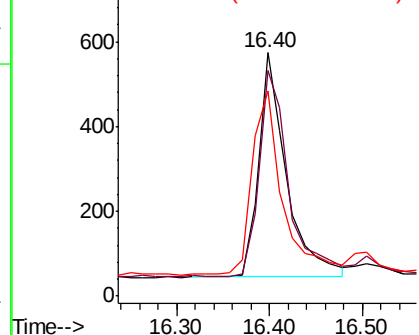


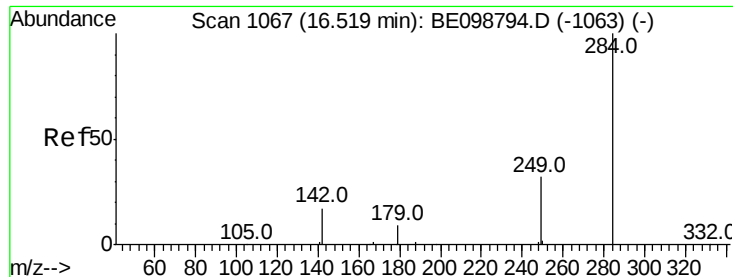
#20
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Tgt Ion:248 Resp: 1096
Ion Ratio Lower Upper
248 100
250 92.9 70.6 105.8
141 84.3 68.6 102.8



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: 0.379 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

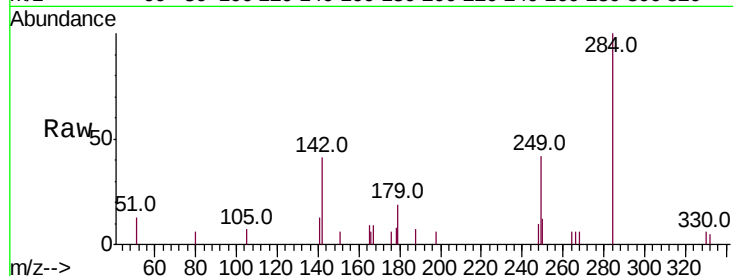
Tot Ion:284 Resp: 1356

Ion Ratio Lower Upper

284 100

142 34.7 28.7 43.1

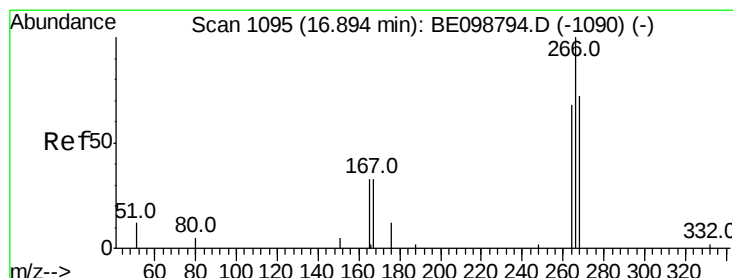
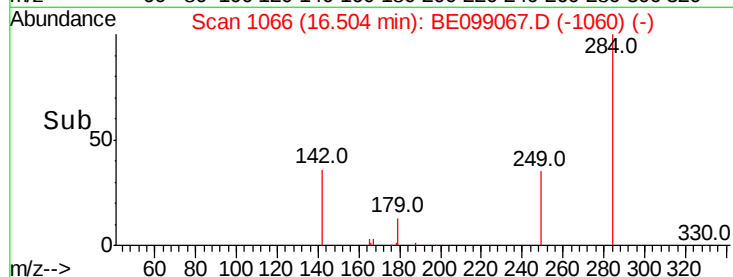
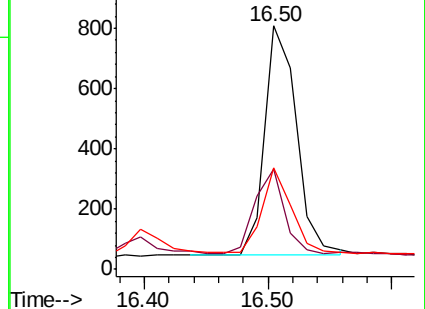
249 33.6 29.6 44.4



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: 0.403 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

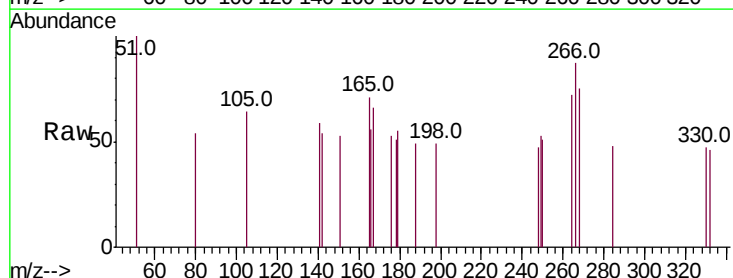
Tgt Ion:266 Resp: 169

Ion Ratio Lower Upper

266 100

264 81.9 66.6 100.0

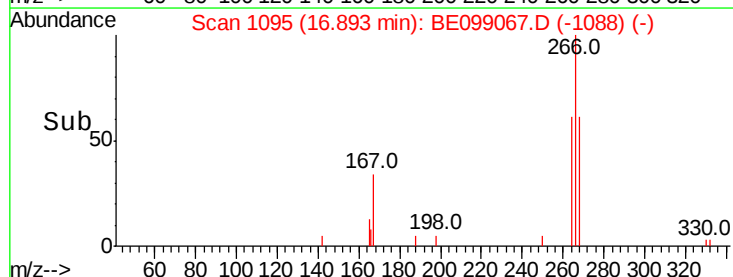
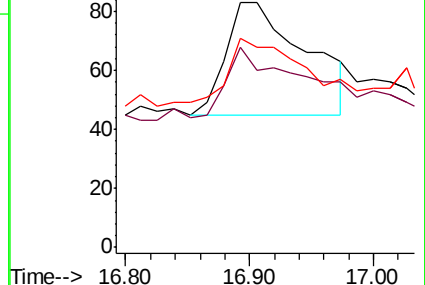
268 85.5 69.8 104.8

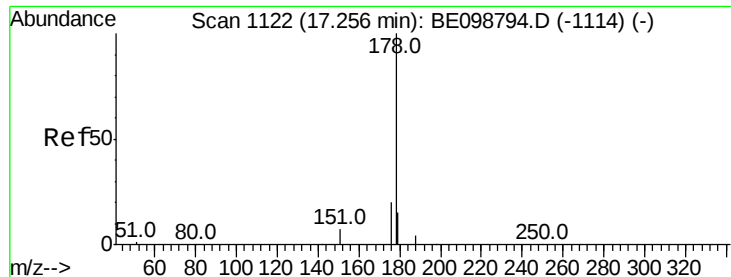


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.356 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

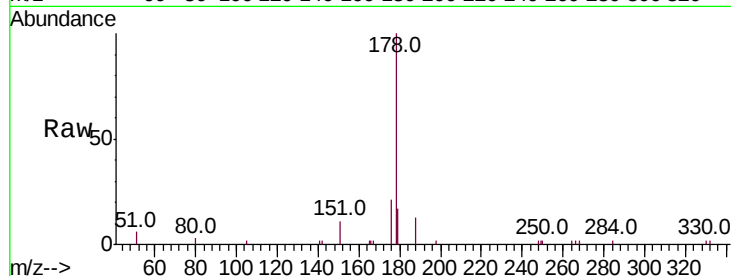
Tot Ion:178 Resp: 5614

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

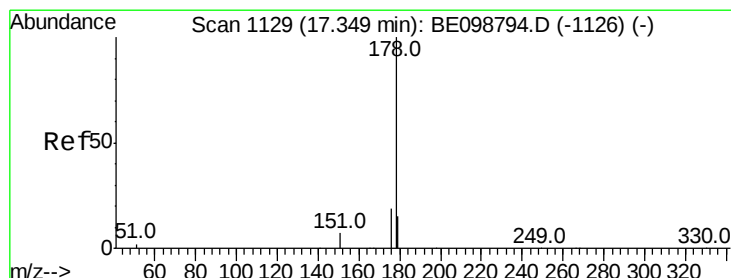
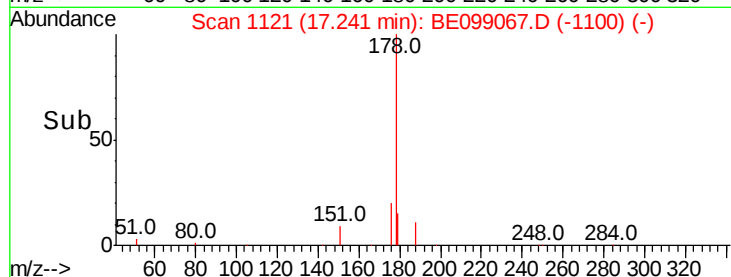
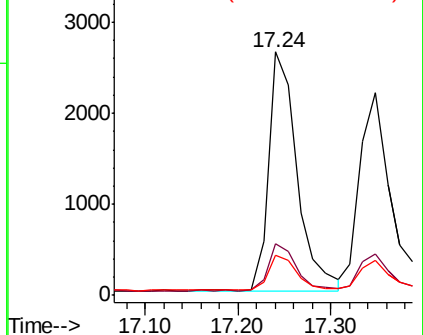
179 14.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.326 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

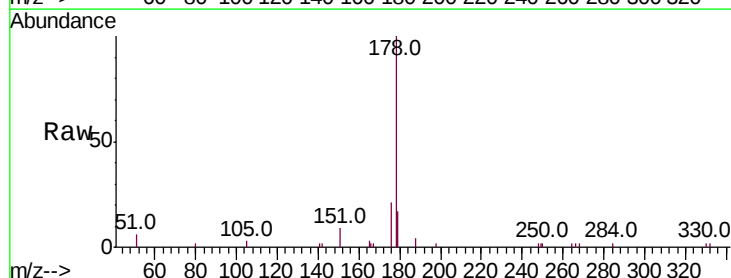
Tgt Ion:178 Resp: 4397

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

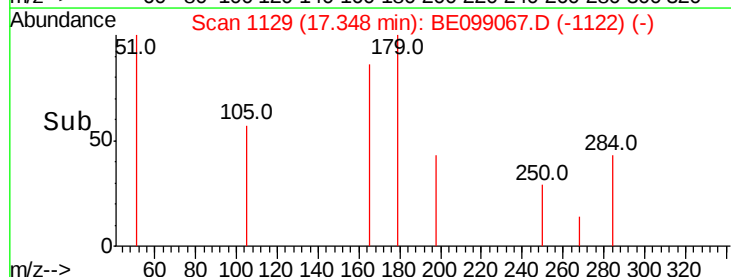
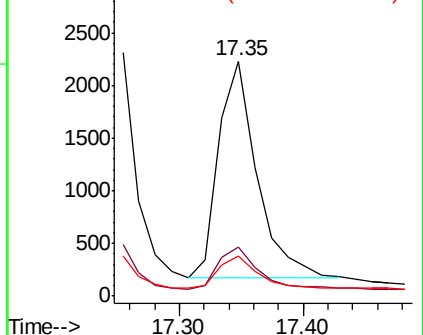
179 15.2 12.2 18.4

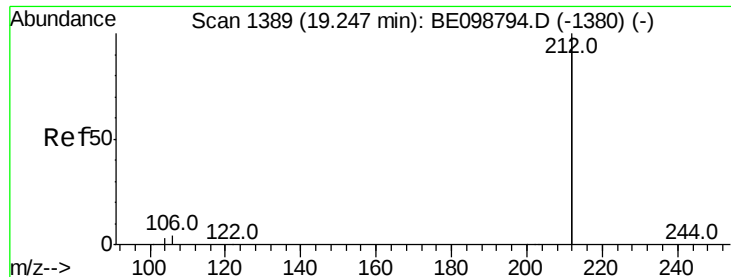


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

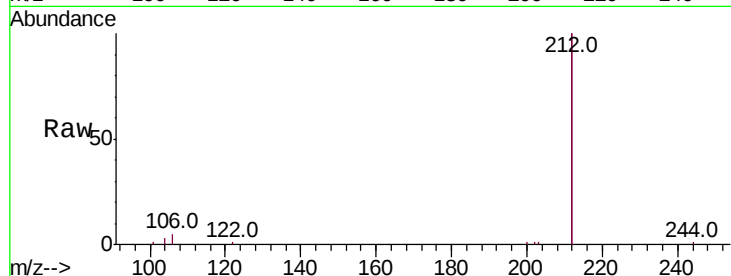
Tot Ion:212 Resp: 29056

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

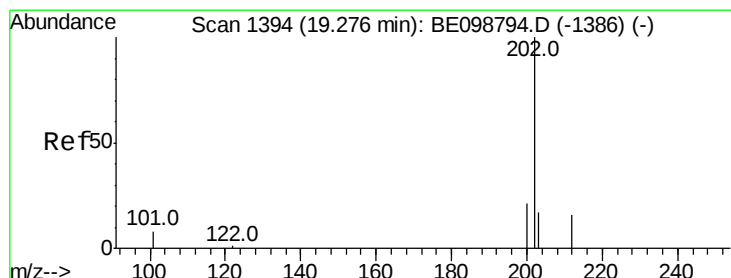
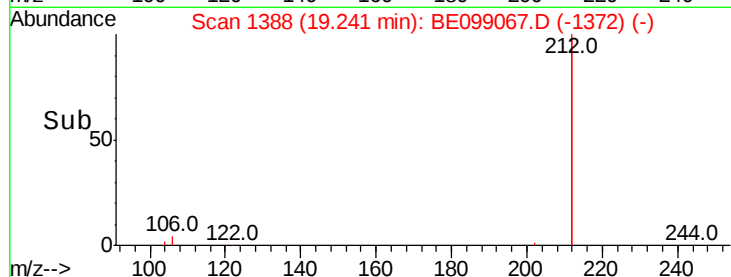
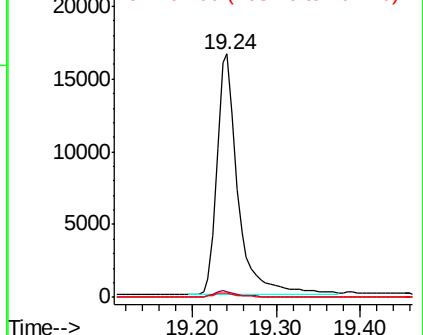
104 1.3 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.330 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

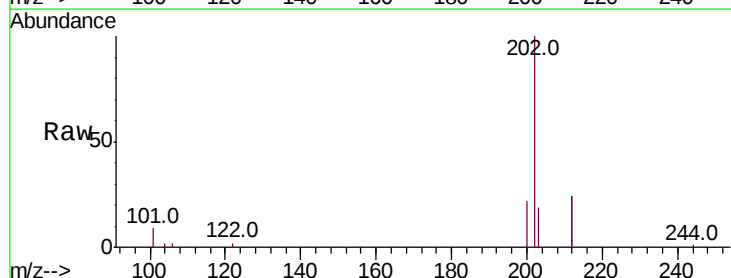
Tgt Ion:202 Resp: 7350

Ion Ratio Lower Upper

202 100

101 9.0 7.3 10.9

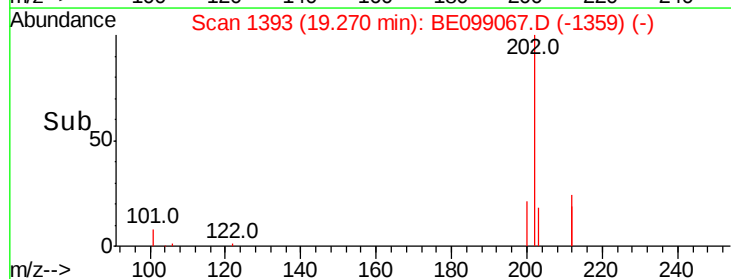
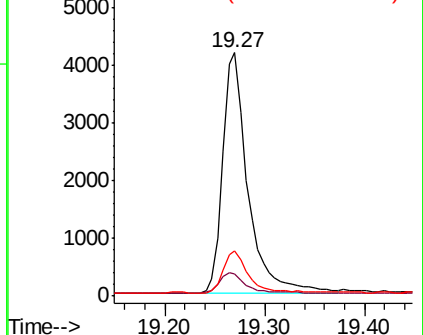
203 17.3 13.4 20.2

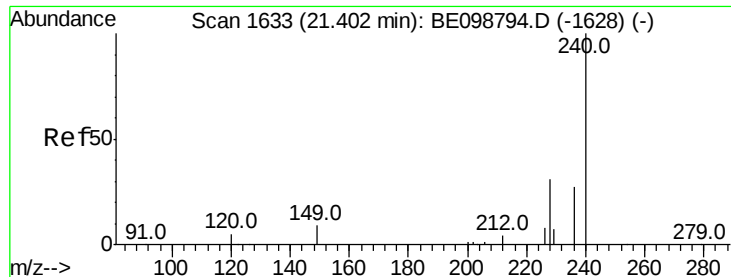


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

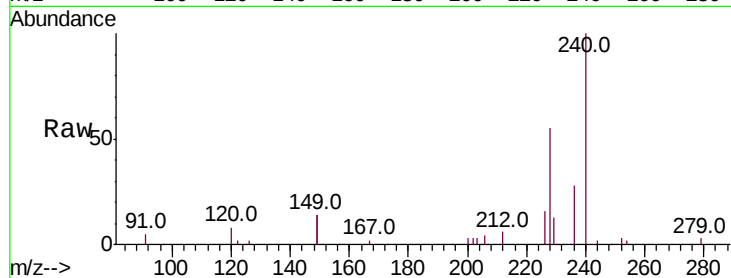
Tot Ion:240 Resp: 6209

Ion Ratio Lower Upper

240 100

120 8.2 5.0 7.4#

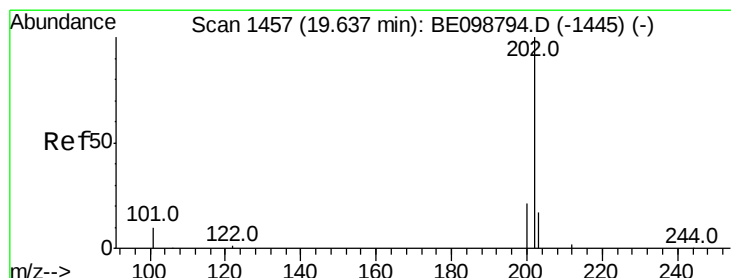
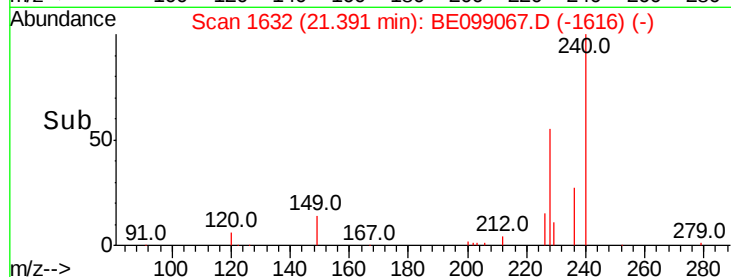
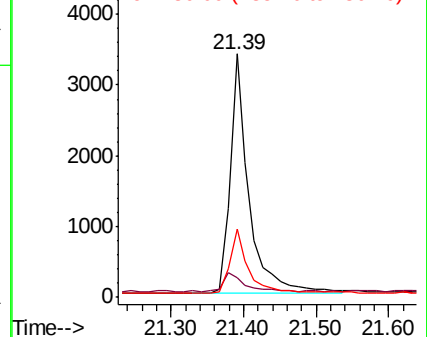
236 27.9 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.400 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

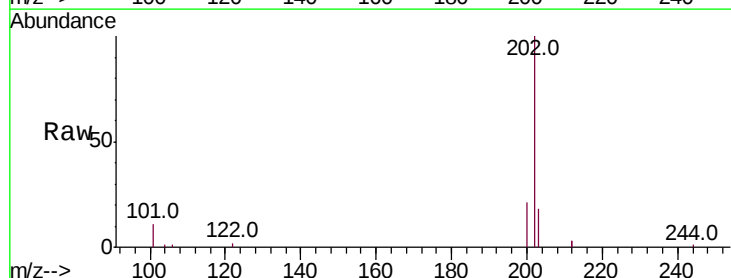
Tgt Ion:202 Resp: 7596

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

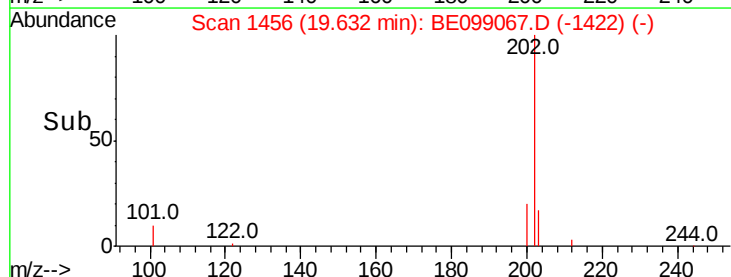
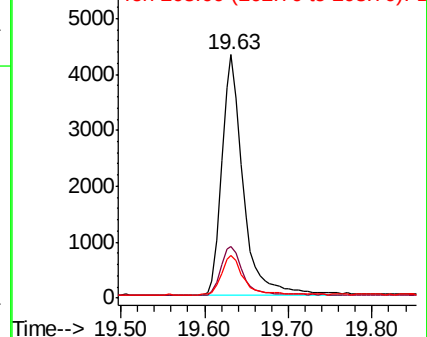
203 16.9 14.2 21.2

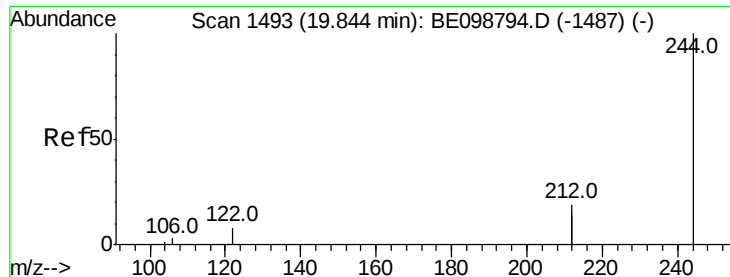


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.374 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

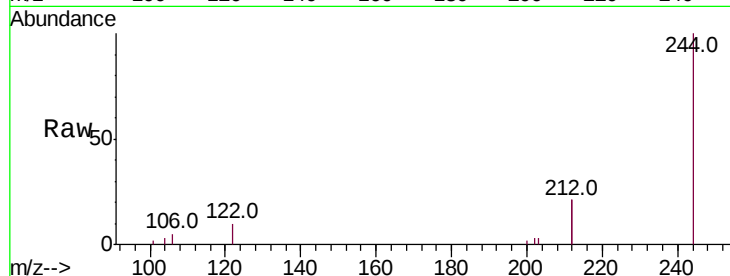
Tot Ion:244 Resp: 5645

Ion Ratio Lower Upper

244 100

212 42.7 29.4 44.2

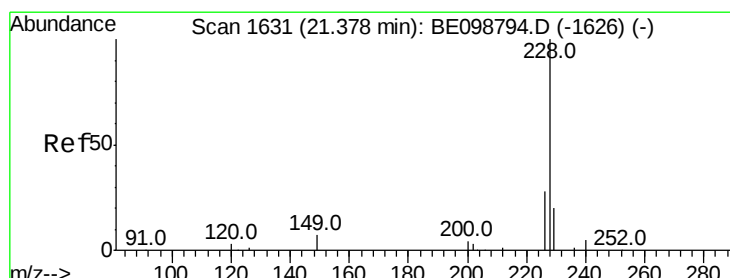
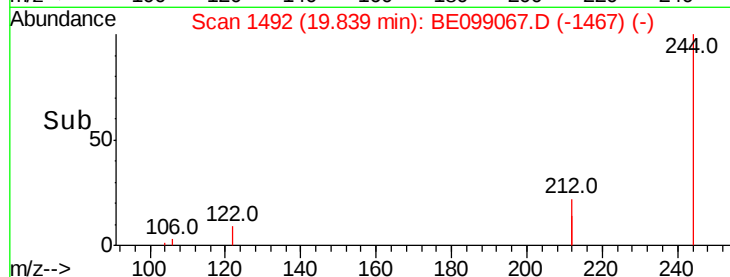
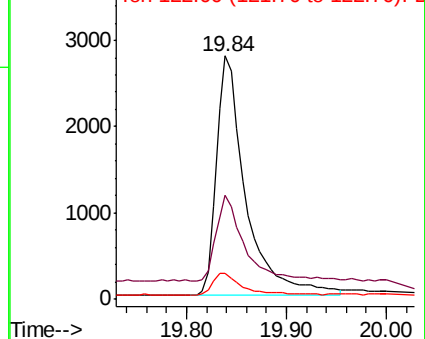
122 10.5 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.336 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

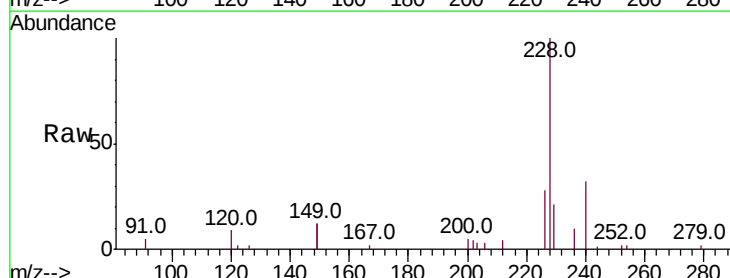
Tgt Ion:228 Resp: 6504

Ion Ratio Lower Upper

228 100

226 27.8 23.0 34.4

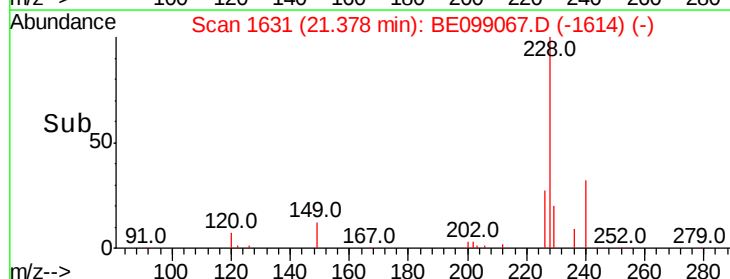
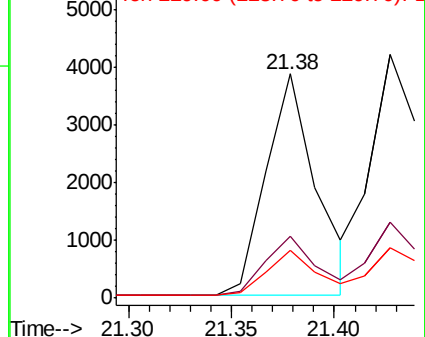
229 21.3 16.5 24.7

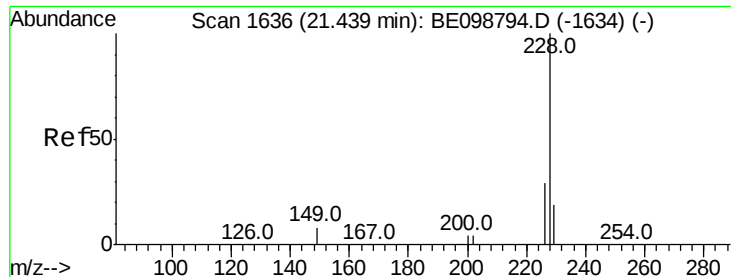


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.369 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

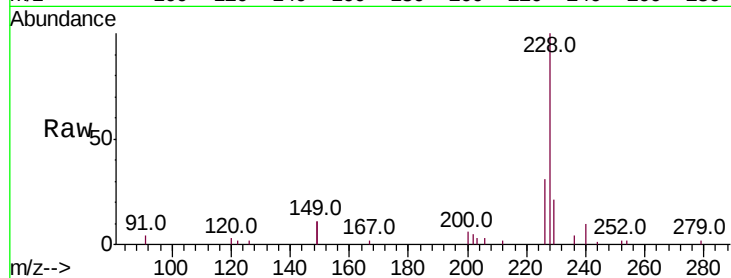
Tot Ion:228 Resp: 7640

Ion Ratio Lower Upper

228 100

226 31.1 23.7 35.5

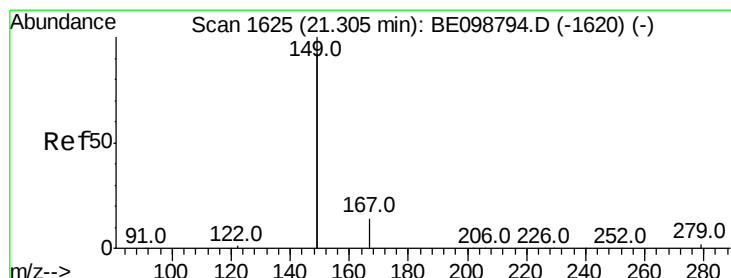
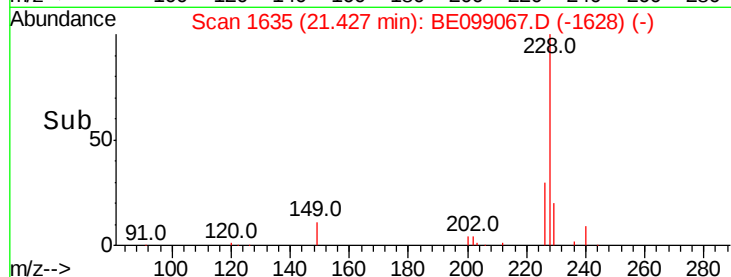
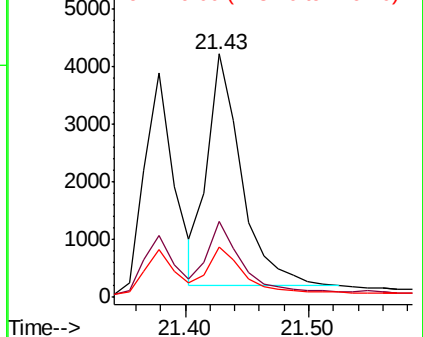
229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.358 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

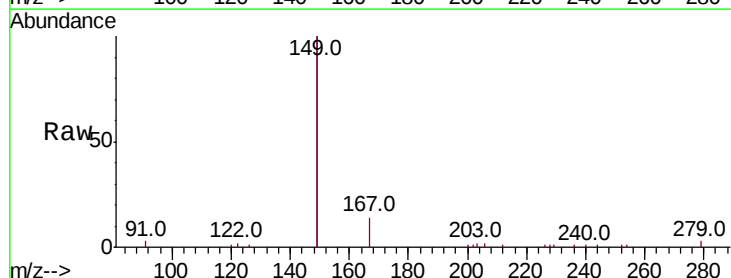
Tgt Ion:149 Resp: 14756

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

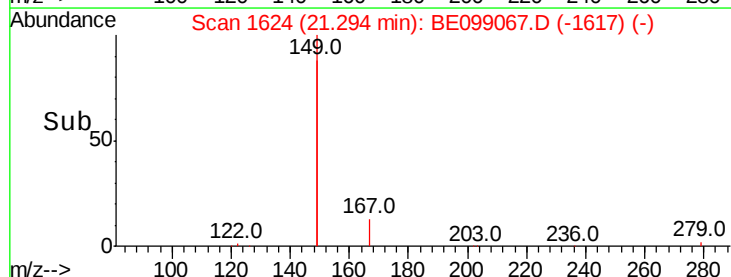
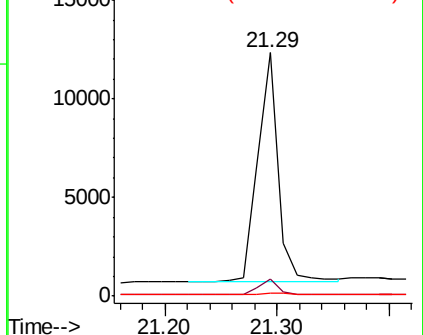
279 1.2 1.0 1.4

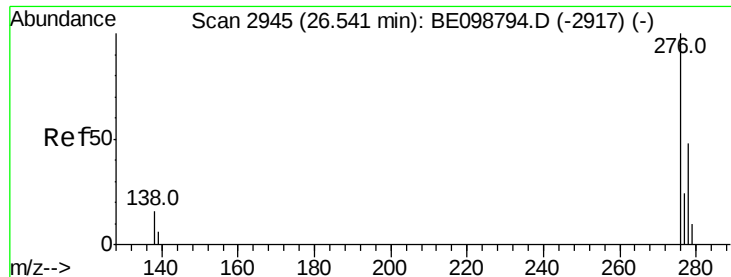


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.271 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

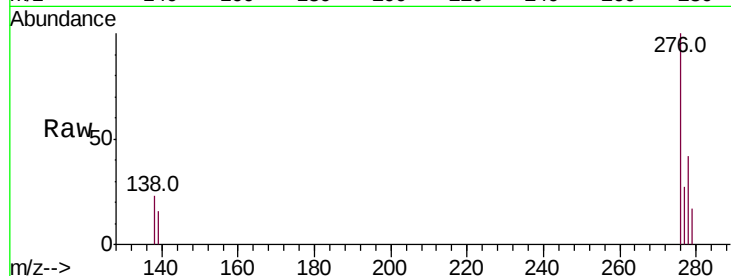
Tot Ion:276 Resp: 5940

Ion Ratio Lower Upper

276 100

138 8.4 13.8 20.8#

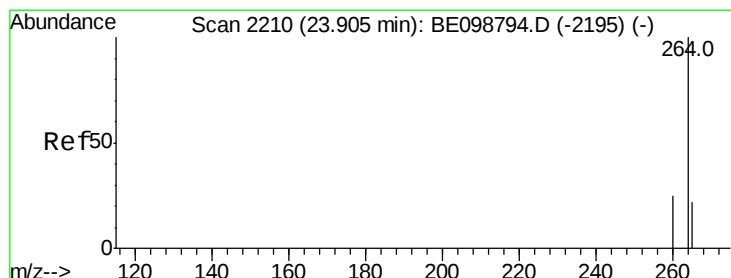
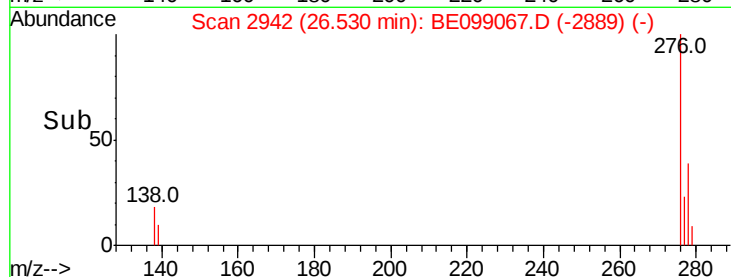
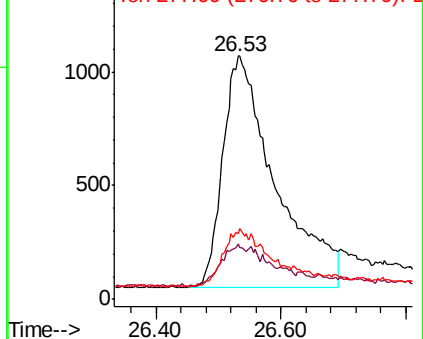
277 19.7 19.5 29.3



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: 23.89 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

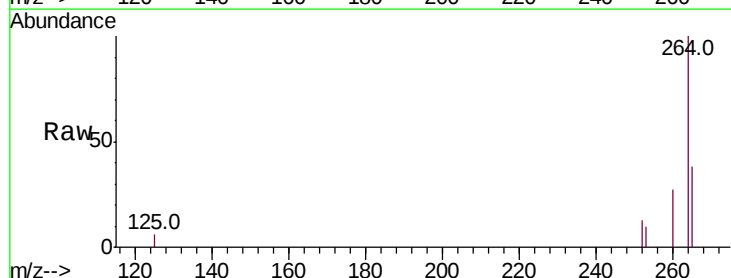
Tgt Ion:264 Resp: 5725

Ion Ratio Lower Upper

264 100

260 27.1 21.2 31.8

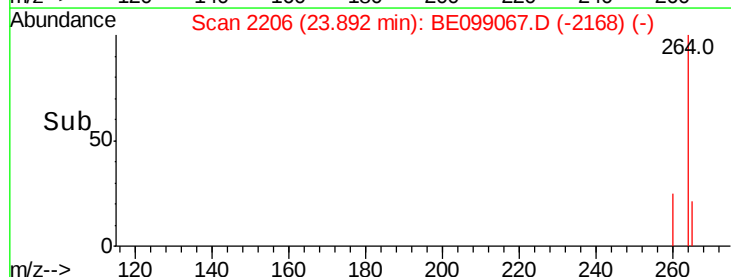
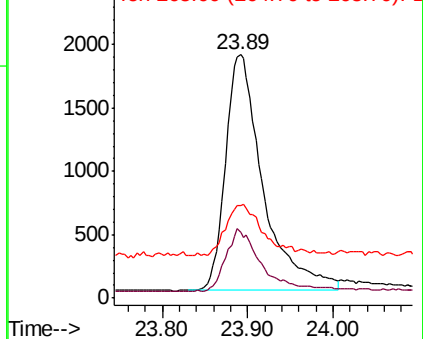
265 38.2 24.6 36.8#

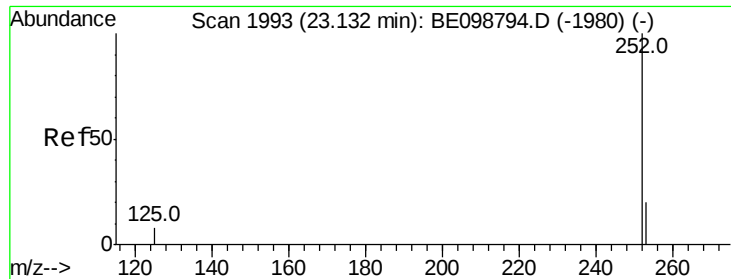


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

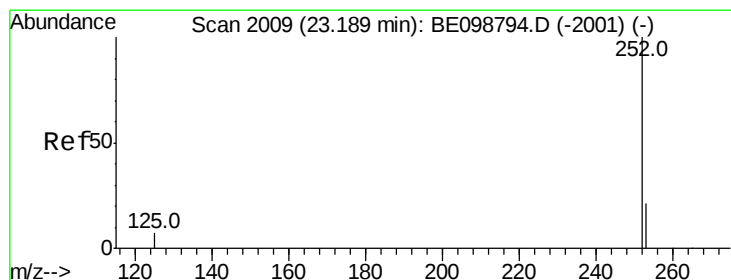
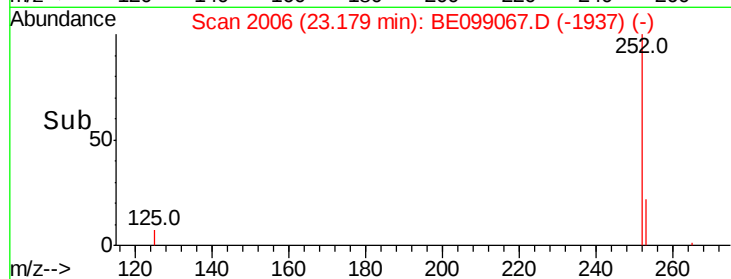
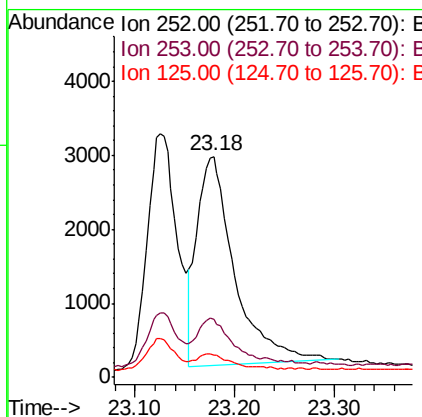
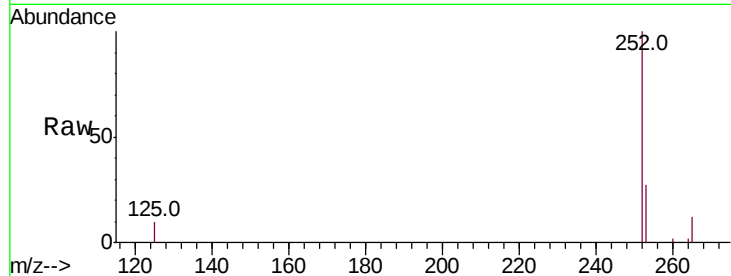




#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

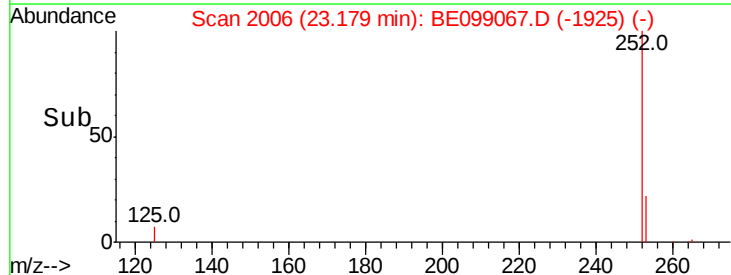
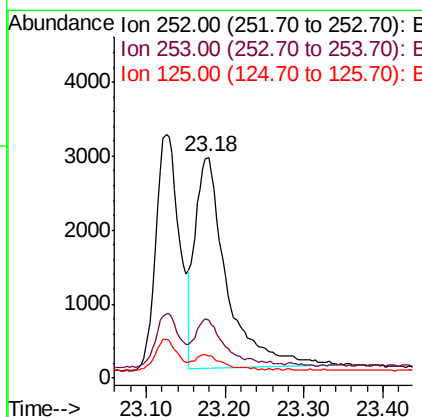
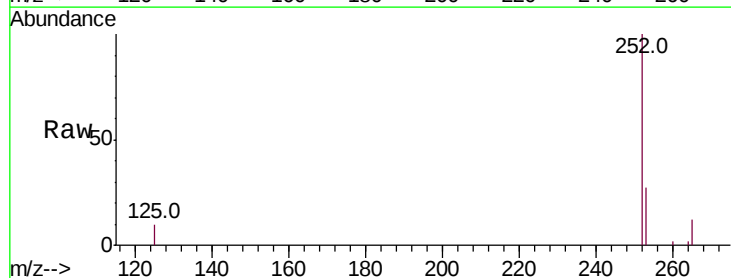
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

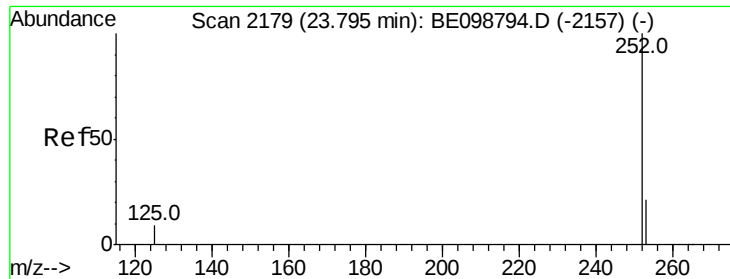
Tot Ion:252 Resp: 7387
Ion Ratio Lower Upper
252 100
253 26.5 18.2 27.2
125 10.3 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE099067.D
Acq: 20 Mar 2019 13:59

Tgt Ion:252 Resp: 7940
Ion Ratio Lower Upper
252 100
253 26.5 19.3 28.9
125 10.3 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

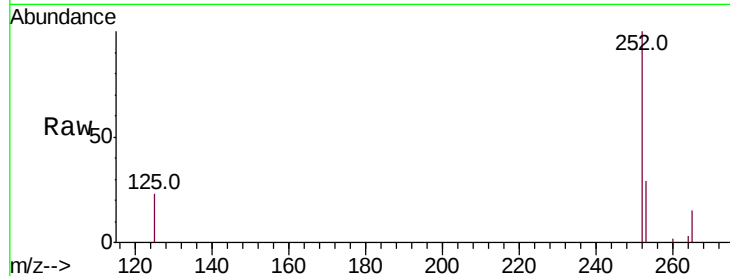
Tot Ion:252 Resp: 6859

Ion Ratio Lower Upper

252 100

253 29.5 19.9 29.9

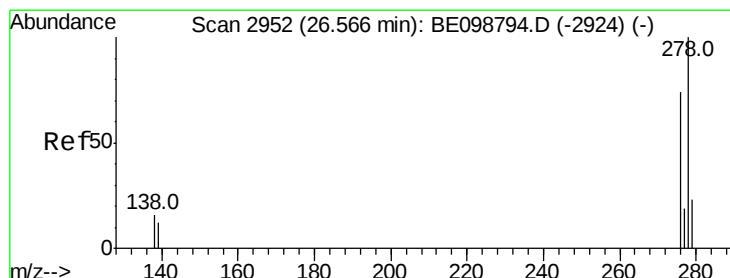
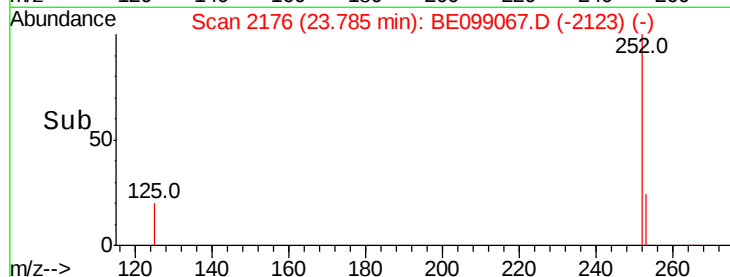
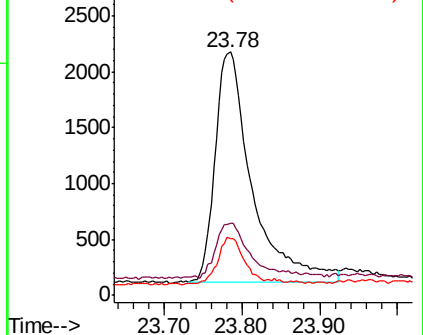
125 23.2 9.0 13.4#



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: 0.244 ng

RT: 26.56 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

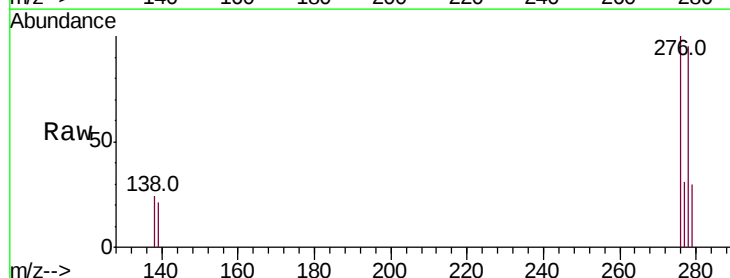
Tgt Ion:278 Resp: 4167

Ion Ratio Lower Upper

278 100

139 21.9 11.8 17.6#

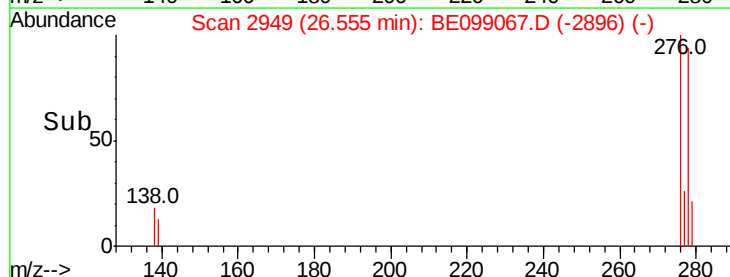
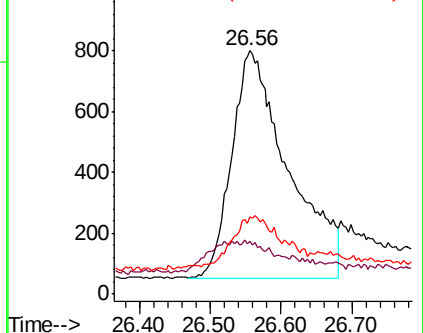
279 31.5 21.1 31.7

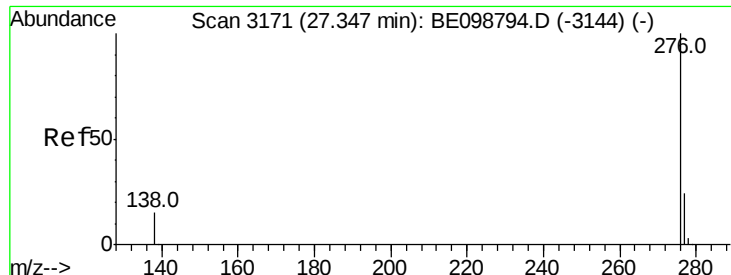


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.285 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BE099067.D

Acq: 20 Mar 2019 13:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

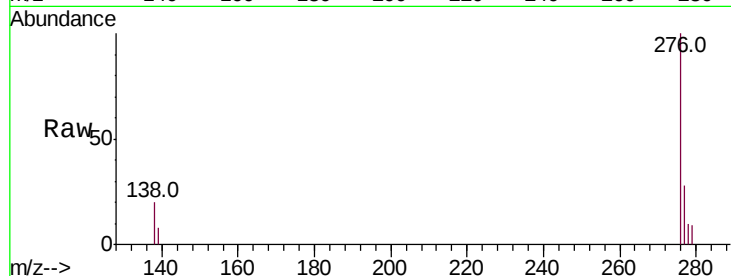
Tot Ion:276 Resp: 5087

Ion Ratio Lower Upper

276 100

277 27.6 20.4 30.6

138 20.1 13.6 20.4



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

