

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099904.D
 Acq On : 10 Jun 2019 23:30
 Operator : JU/SJ
 Sample : K3257-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190606

Quant Time: Jun 11 05:59:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	653	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2267	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1797	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5950	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9034	0.40	ng	0.00
34) Perylene-d12	23.93	264	10281	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	249	0.14	ng	0.00
5) Phenol-d6	6.99	99	170	0.07	ng	0.02
8) Nitrobenzene-d5	8.98	82	764	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1509	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	423	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2924	0.43	ng	0.00
25) Fluoranthene-d10	19.25	212	34955	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9127	0.56	ng	-0.01

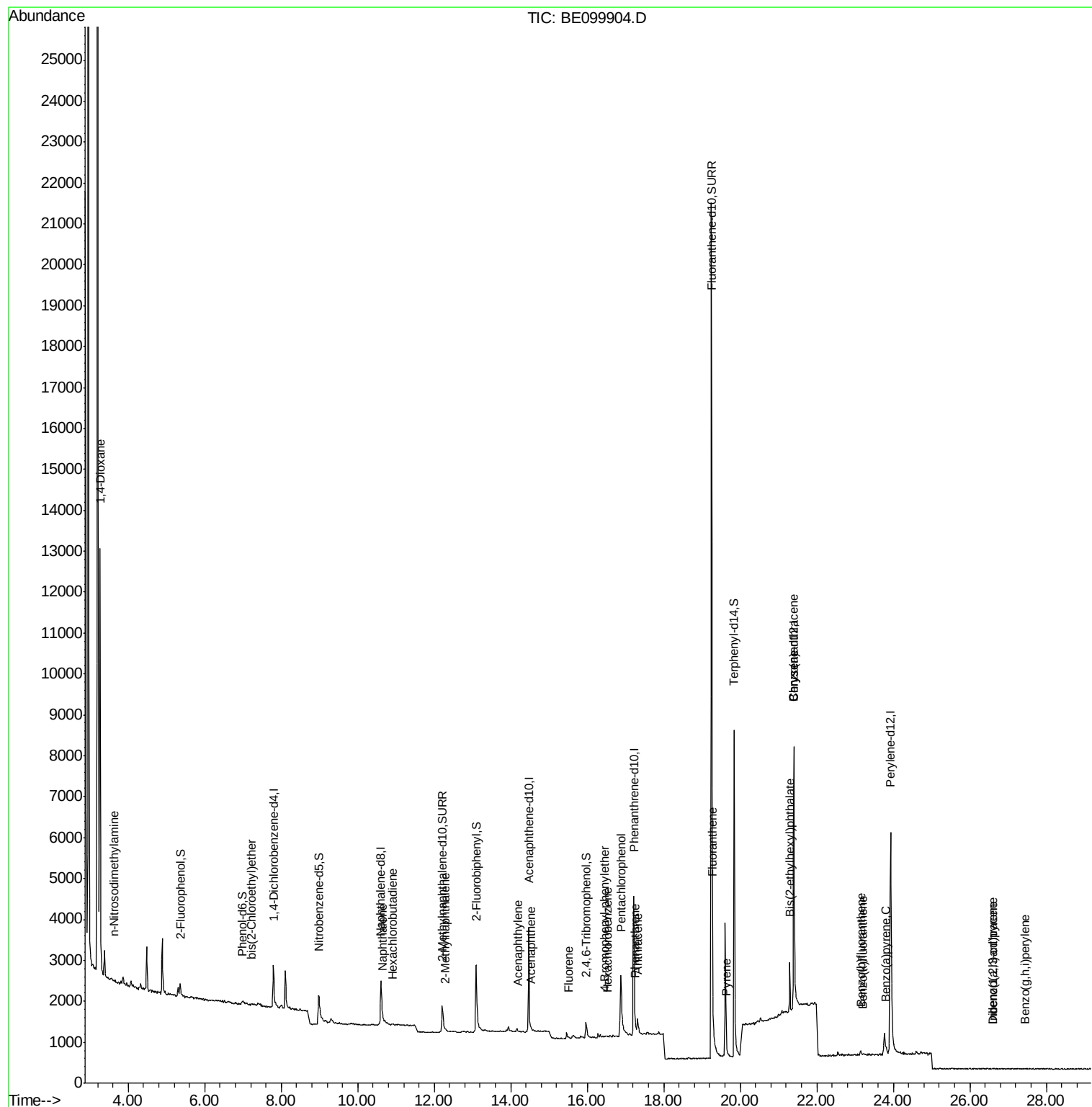
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	8164	8.447	ng	94
3) n-Nitrosodimethylamine	3.63	42	10	0.018	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	35	0.019	ng	# 54
9) Naphthalene	10.65	128	207	0.008	ng	# 54
10) Hexachlorobutadiene	10.91	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.28	142	36	0.009	ng	# 60
16) Acenaphthylene	14.20	152	16	0.002	ng	# 13
17) Acenaphthene	14.53	154	5	0.001	ng	# 1
18) Fluorene	15.51	166	24	0.003	ng	# 46
20) 4-Bromophenyl-phenylether	16.45	248	3	0.001	ng	# 63
21) Hexachlorobenzene	16.53	284	4	0.001	ng	# 48
22) Pentachlorophenol	16.88	266	1778	1.372	ng	86
23) Phenanthrene	17.25	178	69	0.005	ng	# 69
24) Anthracene	17.32	178	10	0.001	ng	# 1
26) Fluoranthene	19.28	202	15	0.001	ng	# 44
28) Pyrene	19.64	202	30	0.001	ng	# 38
30) Benzo(a)anthracene	21.40	228	73	0.003	ng	# 1
31) Chrysene	21.40	228	65	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	1652	0.043	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.62	276	12	0.000	ng	# 95
35) Benzo(b)fluoranthene	23.15	252	46	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.21	252	5	0.000	ng	# 1
37) Benzo(a)pyrene	23.82	252	4	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.61	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	3	0.000	ng	# 1

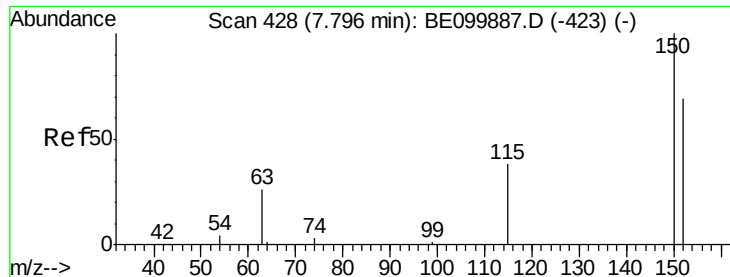
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

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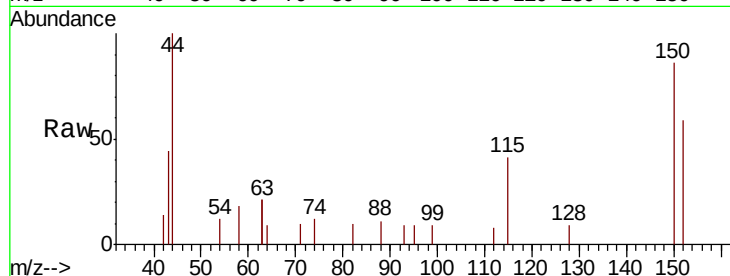
Tgt Ion:152 Resp: 653

Ion Ratio Lower Upper

152 100

150 144.0 111.0 166.6

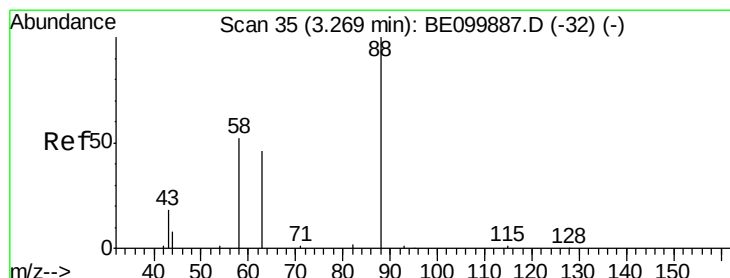
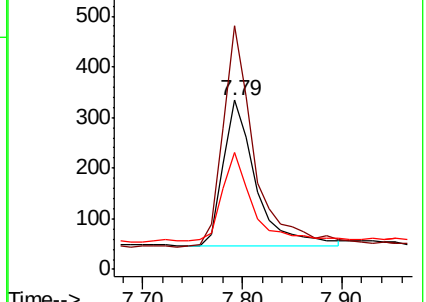
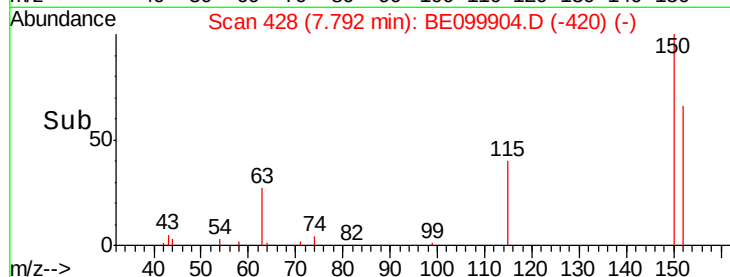
115 69.2 50.7 76.1



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: 8.447 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

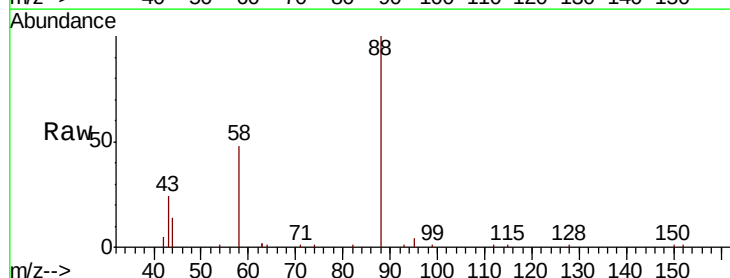
Tgt Ion: 88 Resp: 8164

Ion Ratio Lower Upper

88 100

58 55.7 48.8 73.2

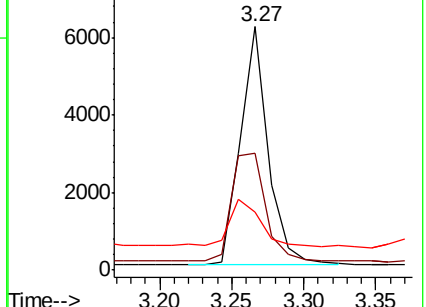
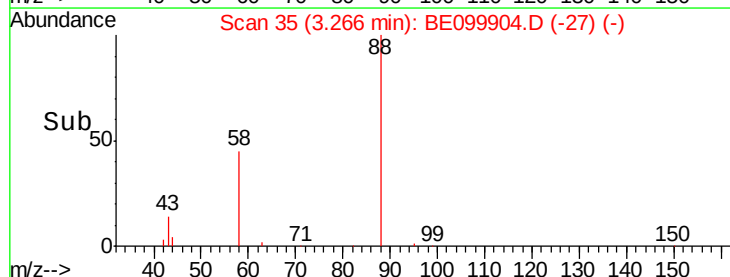
43 22.5 19.0 28.6

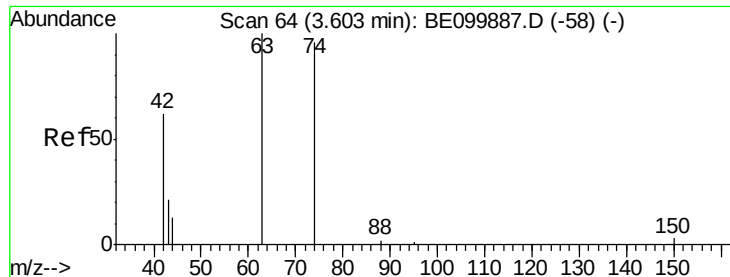


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.018 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

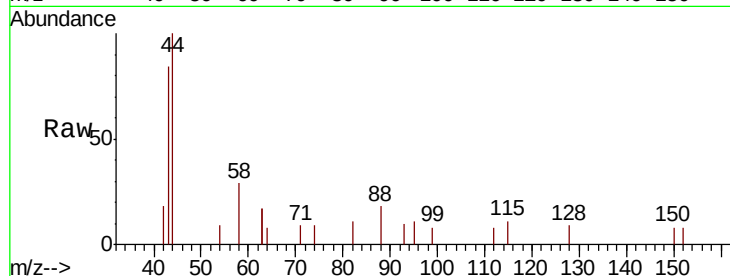
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

800

600

400

200

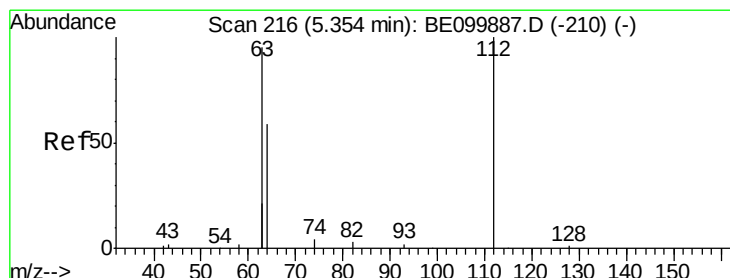
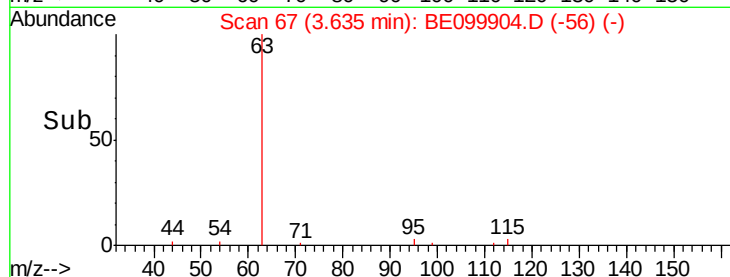
0

3.60

3.62

3.64

Time-->



#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

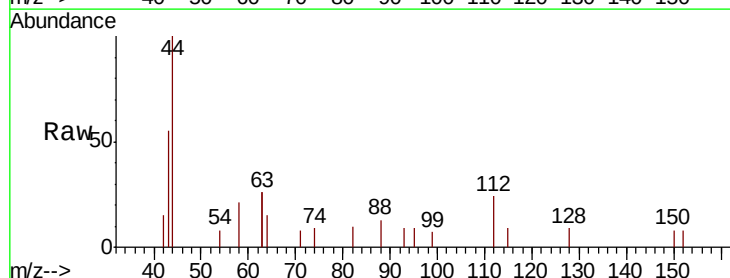
Tgt Ion: 112 Resp: 249

Ion Ratio Lower Upper

112 100

64 53.8 44.1 66.1

63 132.1 87.8 131.6#



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

400

300

200

100

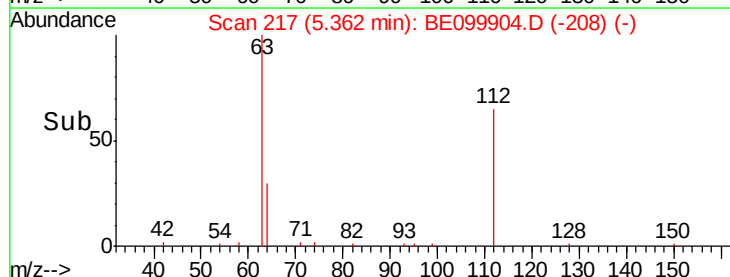
0

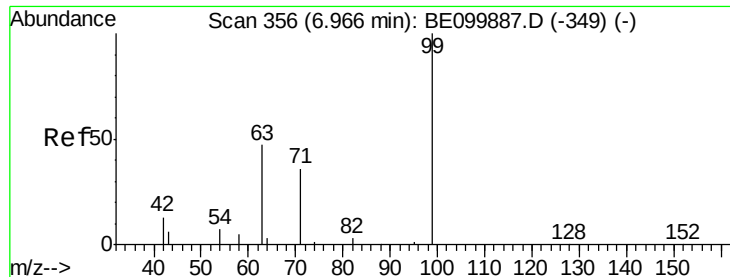
5.30

5.40

5.50

Time-->





#5

Phenol-d6

Concen: 0.075 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

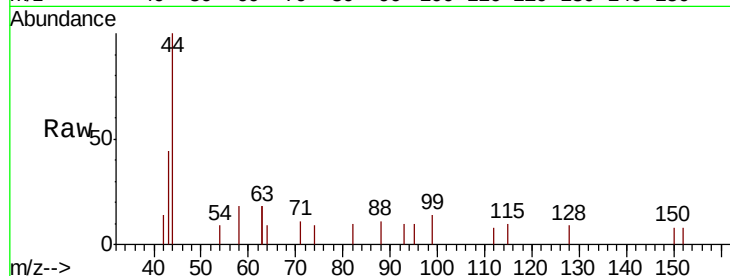
Tgt Ion: 99 Resp: 170

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 27.1 34.6 52.0#



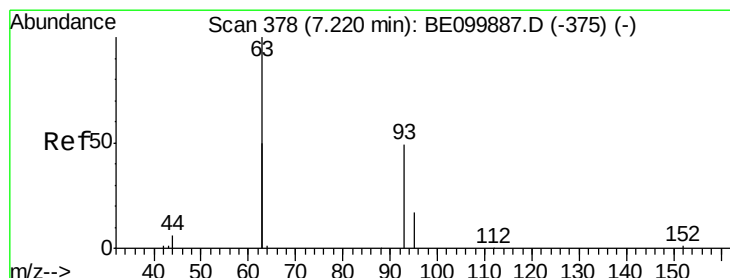
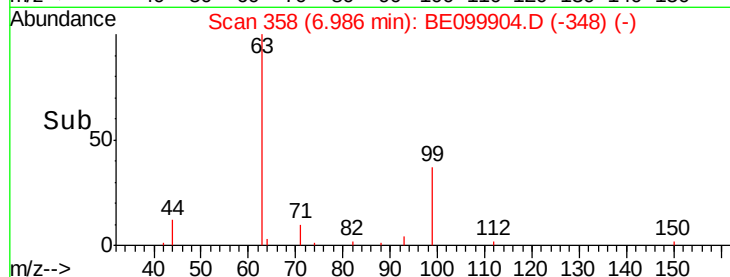
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.99

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.019 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

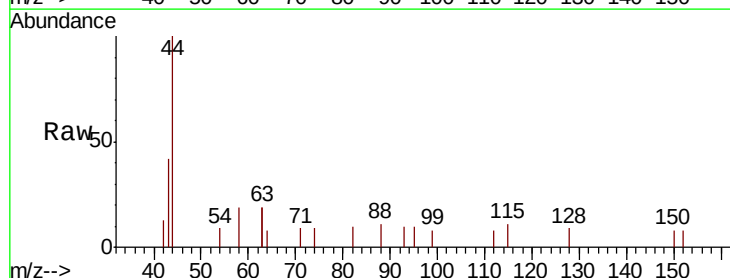
Tgt Ion: 93 Resp: 35

Ion Ratio Lower Upper

93 100

63 174.3 202.8 304.2#

95 0.0 23.7 35.5#



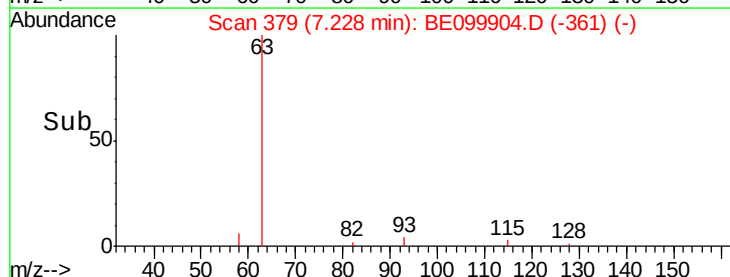
Abundance Ion 93.00 (92.70 to 93.70): BE0

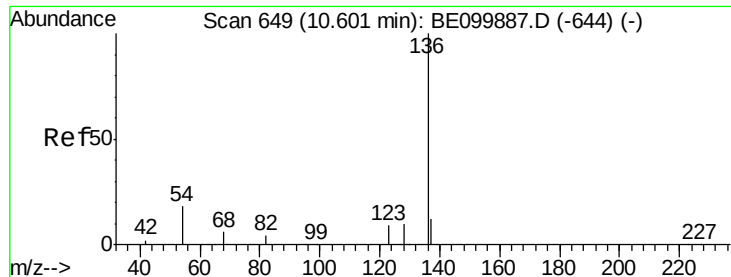
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.23

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 136 Resp: 2267

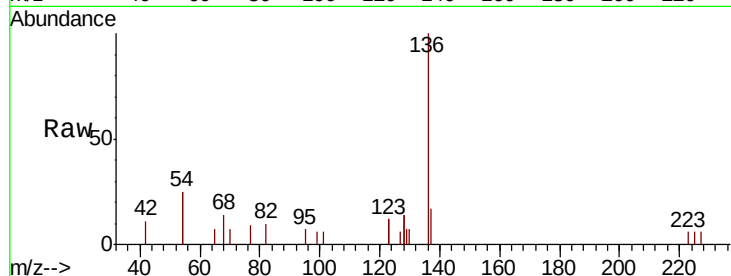
Ion Ratio Lower Upper

136 100

137 16.6 12.3 18.5

54 50.2 28.2 42.4#

68 13.9 7.8 11.8#

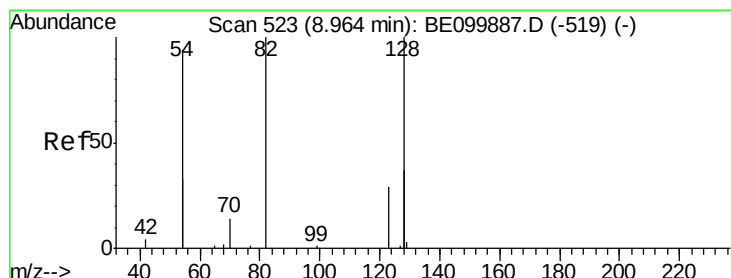
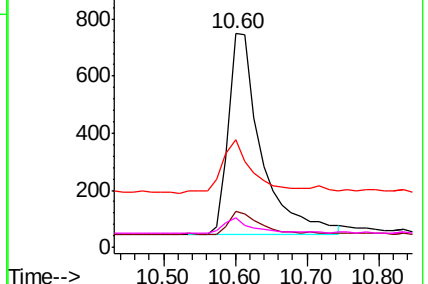
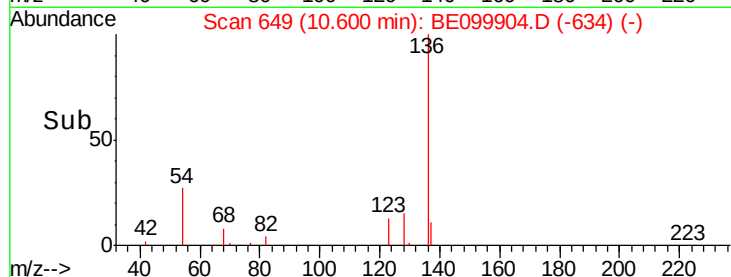


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

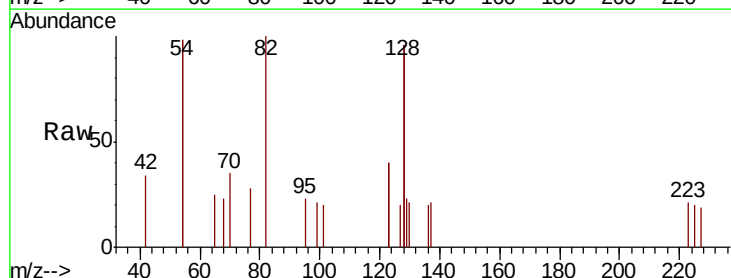
Tgt Ion: 82 Resp: 764

Ion Ratio Lower Upper

82 100

128 192.1 137.3 205.9

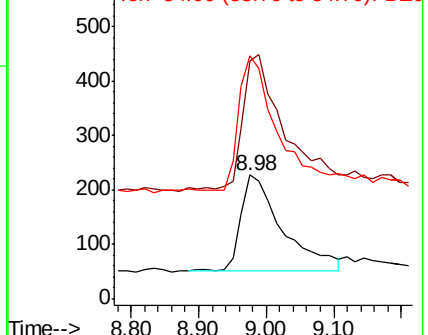
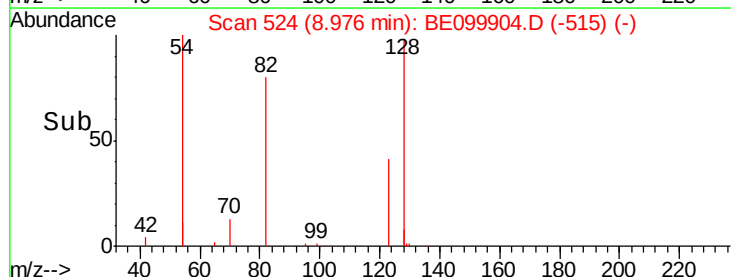
54 196.5 129.7 194.5#

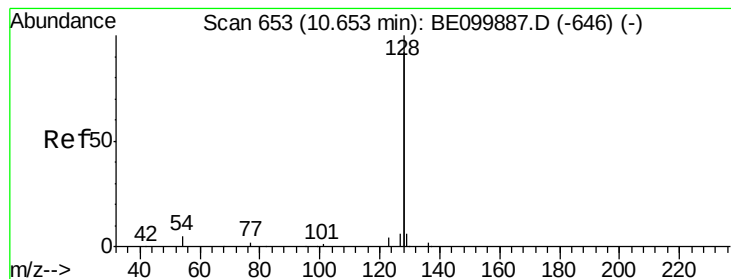


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.008 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099904.D

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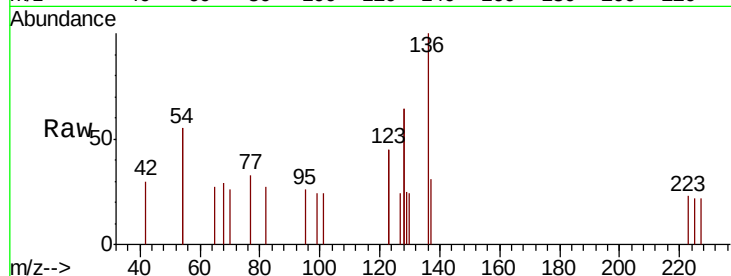
Tgt Ion:128 Resp: 207

Ion Ratio Lower Upper

128 100

129 19.3 3.0 4.6#

127 18.9 3.4 5.0#

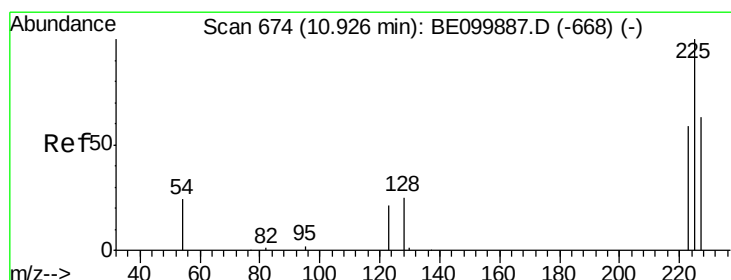
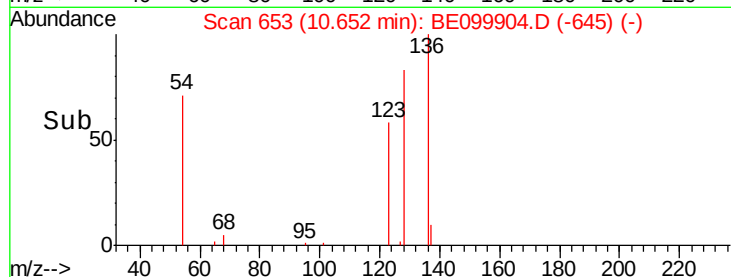


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time--> 10.50 10.60 10.70 10.80



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

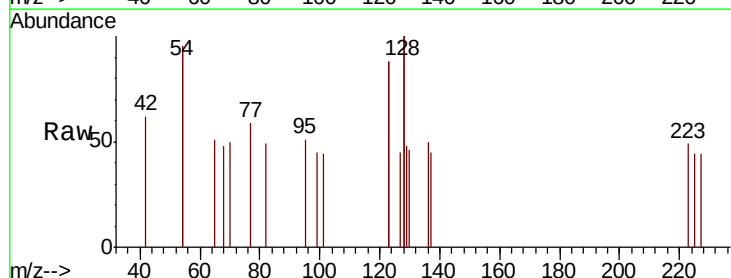
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 750.0 51.6 77.4#

227 100.0 50.6 76.0#

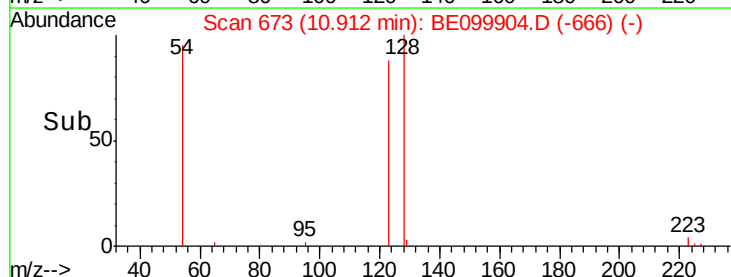


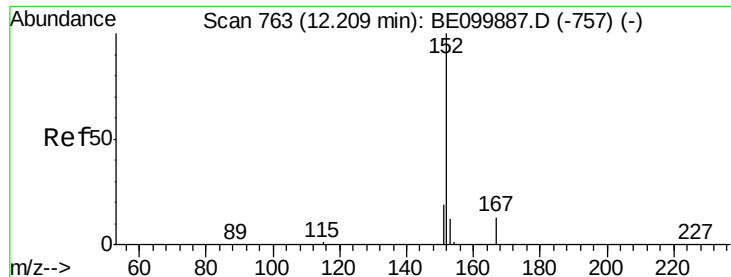
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time--> 10.88 10.90 10.92 10.94

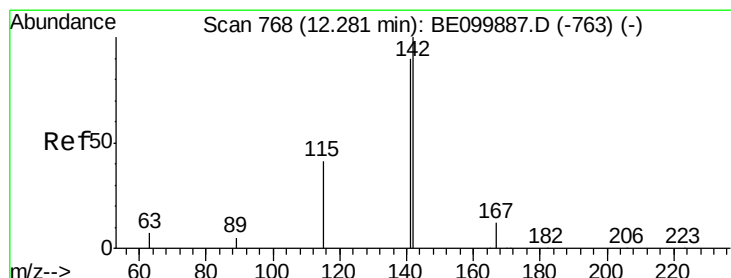
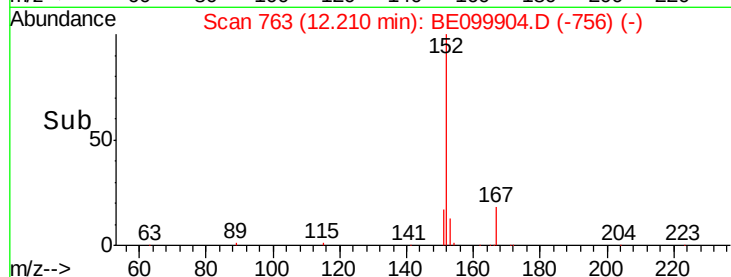
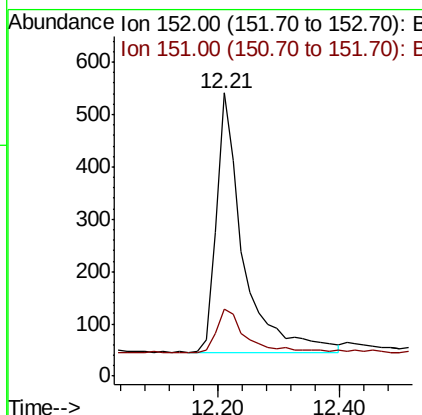
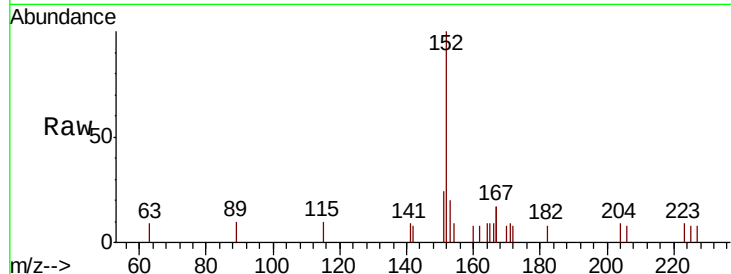




#11
 2-Methylnaphthalene-d10
 Concen: 0.382 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE099904.D
 Acq: 10 Jun 2019 23:30

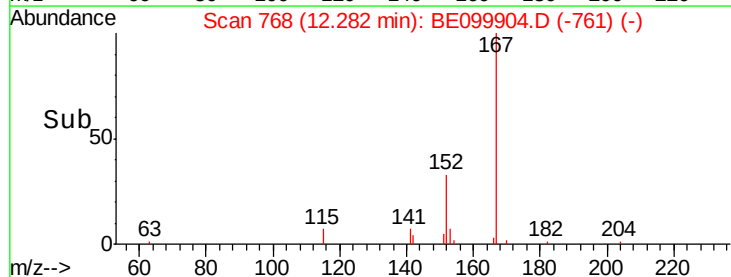
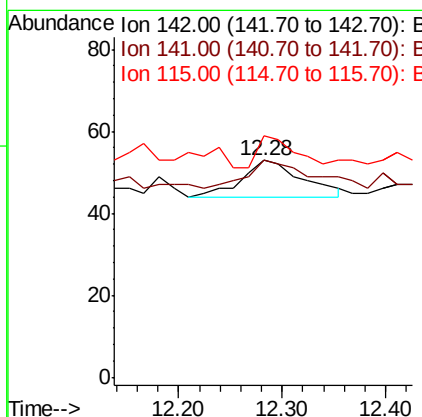
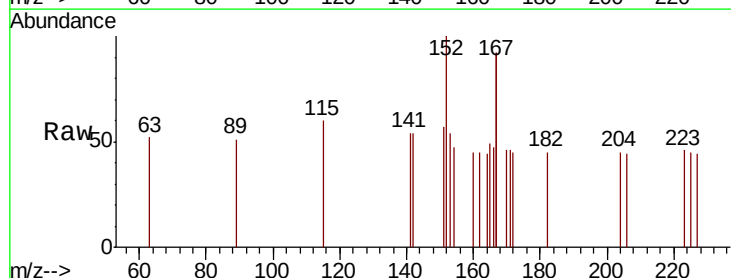
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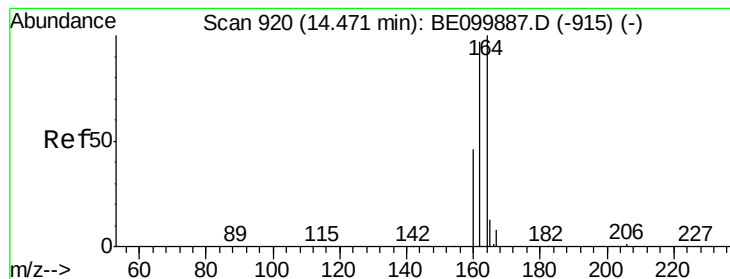
Tgt Ion:152 Resp: 1509
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.009 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099904.D
 Acq: 10 Jun 2019 23:30

Tgt Ion:142 Resp: 36
 Ion Ratio Lower Upper
 142 100
 141 100.0 72.3 108.5
 115 111.3 36.4 54.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

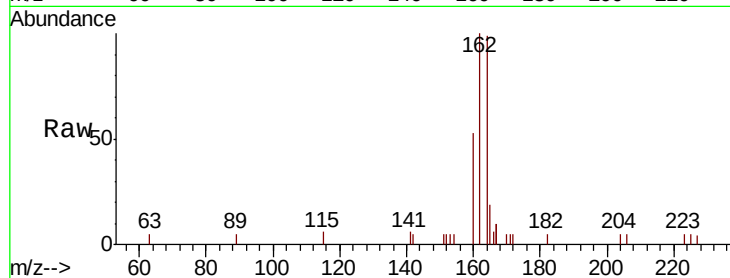
Tgt Ion:164 Resp: 1797

Ion Ratio Lower Upper

164 100

162 100.5 77.8 116.8

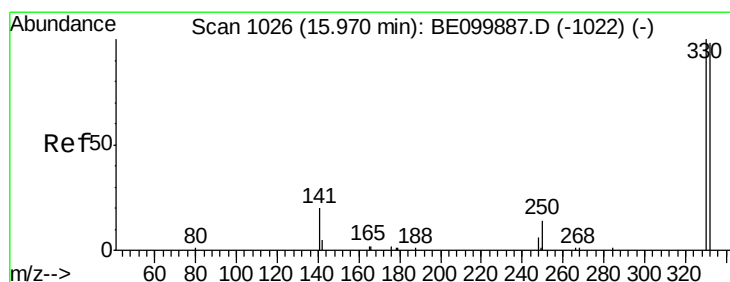
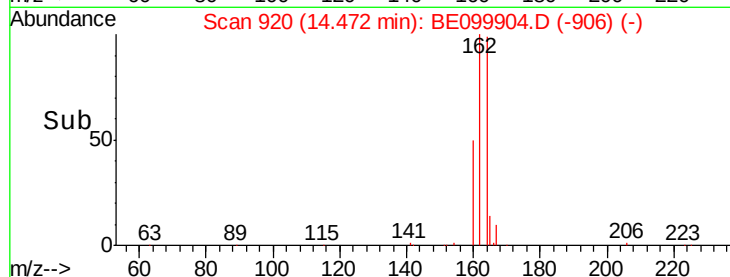
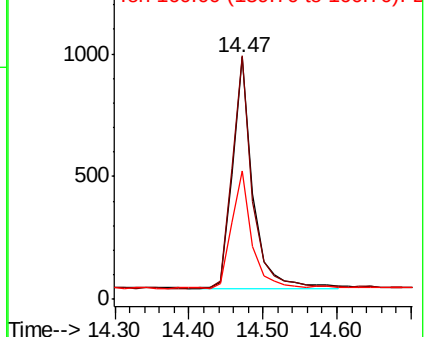
160 52.9 38.2 57.4



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: 0.318 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

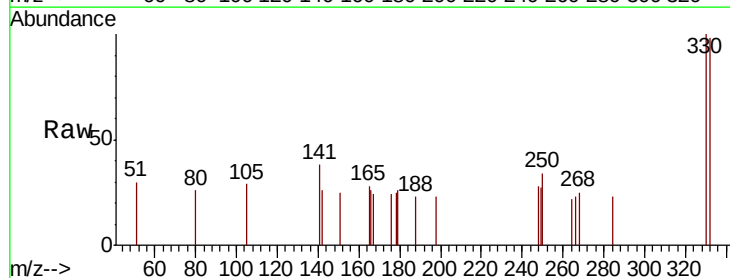
Tgt Ion:330 Resp: 423

Ion Ratio Lower Upper

330 100

332 92.9 76.7 115.1

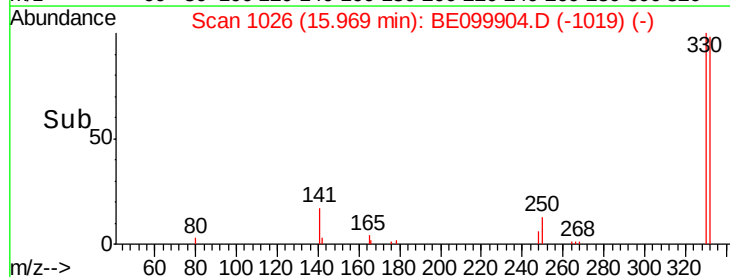
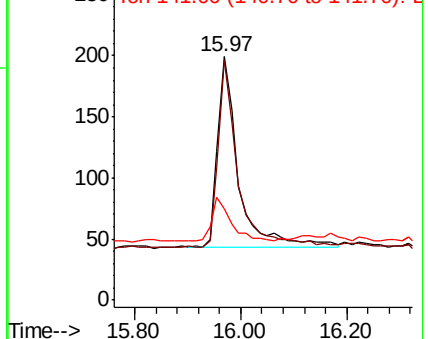
141 21.7 21.0 31.6

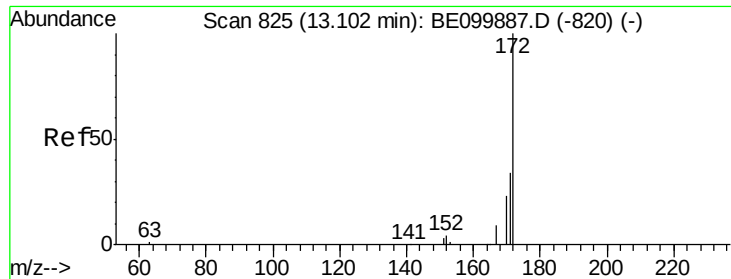


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

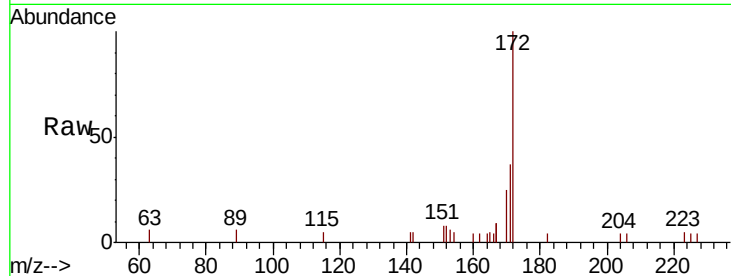




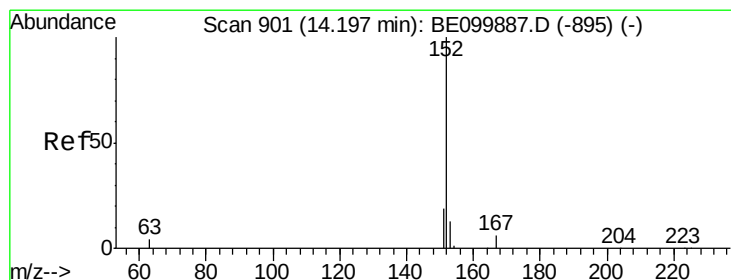
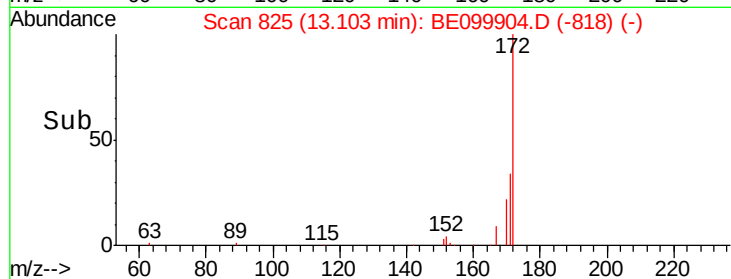
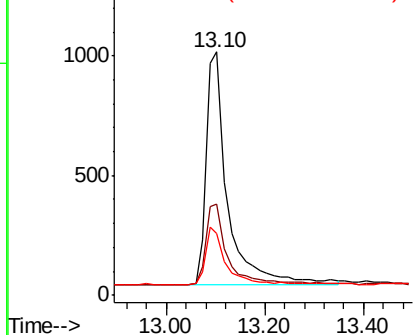
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099904.D
Acq: 10 Jun 2019 23:30

Instrument :
BNA_E
ClientSampleId :
RE131D1-20190606

Tgt Ion:172 Resp: 2924
Ion Ratio Lower Upper
172 100
171 37.5 29.2 43.8
170 25.4 21.2 31.8

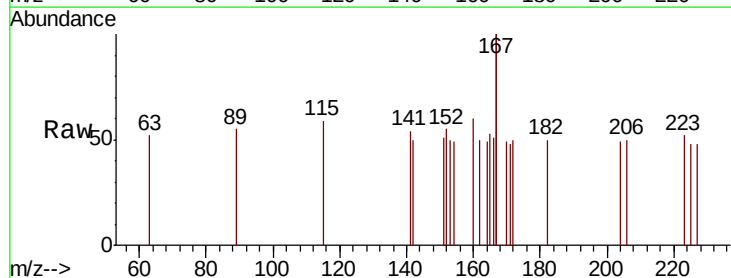


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

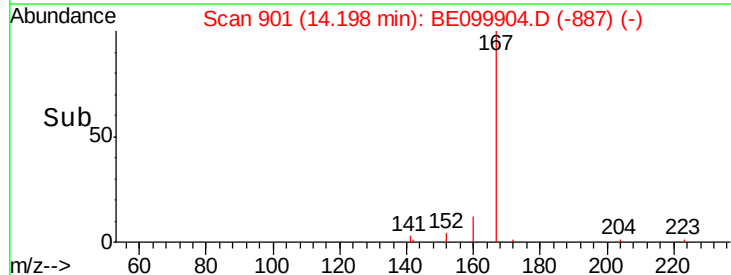
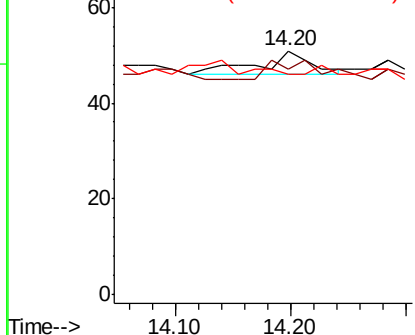


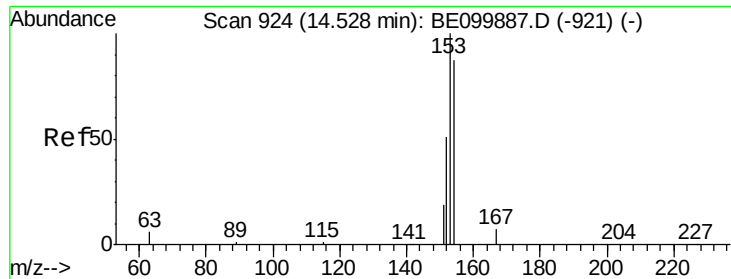
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099904.D
Acq: 10 Jun 2019 23:30

Tgt Ion:152 Resp: 16
Ion Ratio Lower Upper
152 100
151 75.0 15.5 23.3#
153 0.0 10.2 15.2#



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

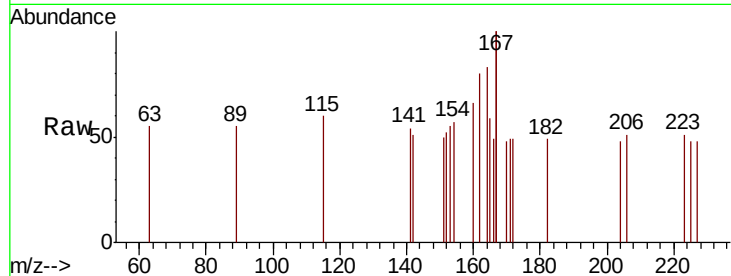




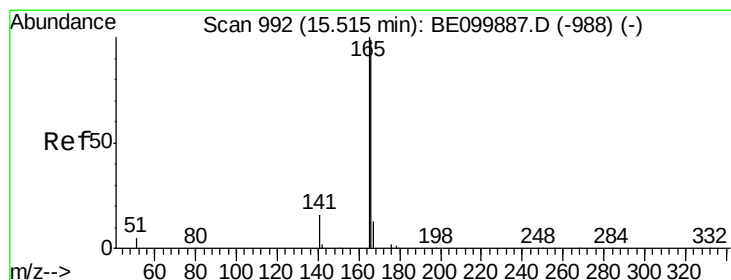
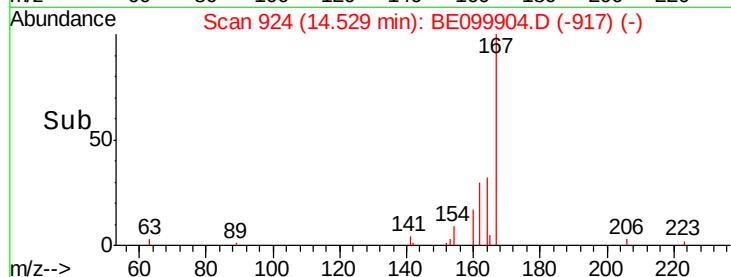
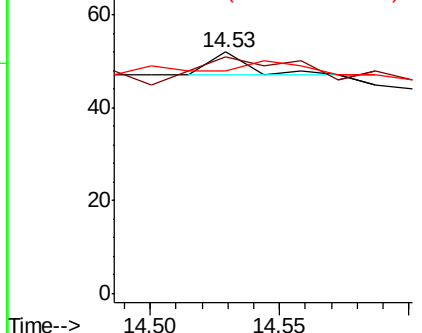
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099904.D
Acq: 10 Jun 2019 23:30

Instrument :
BNA_E
ClientSampleId :
RE131D1-20190606

Tgt Ion:154 Resp: 5
Ion Ratio Lower Upper
154 100
153 320.0 93.1 139.7#
152 160.0 47.0 70.4#

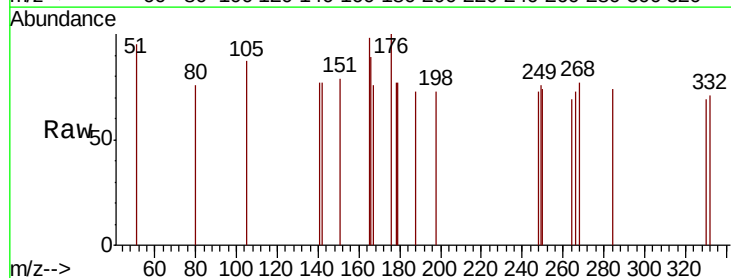


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

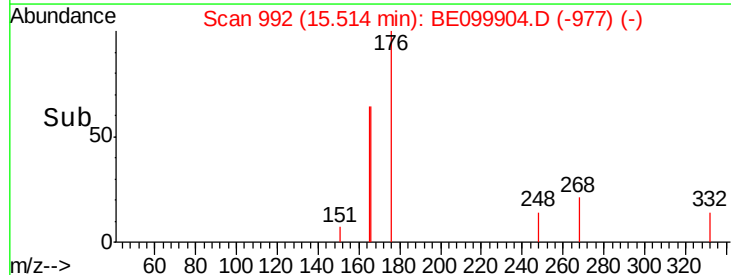
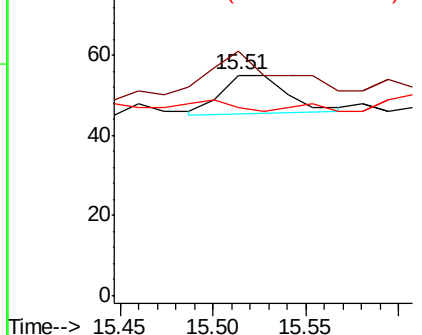


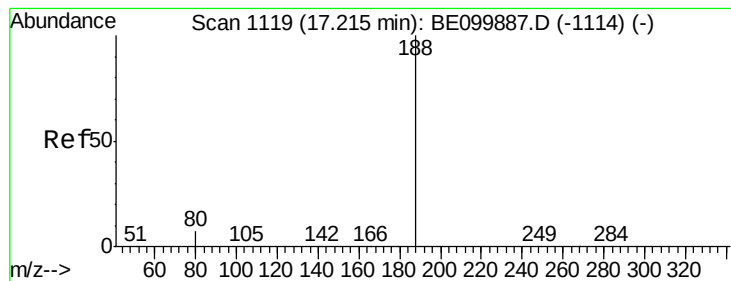
#18
Fluorene
Concen: 0.003 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099904.D
Acq: 10 Jun 2019 23:30

Tgt Ion:166 Resp: 24
Ion Ratio Lower Upper
166 100
165 162.5 81.8 122.8#
167 20.8 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

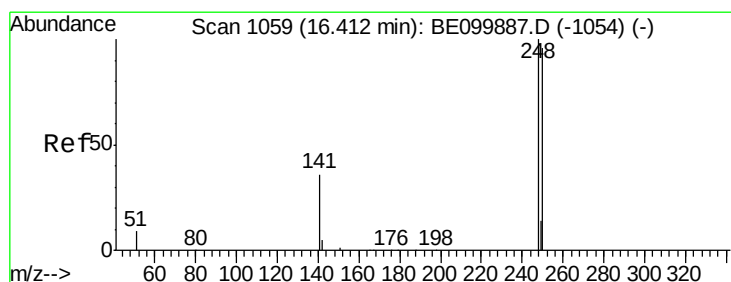
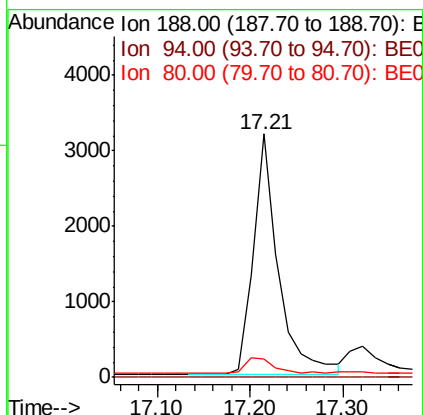
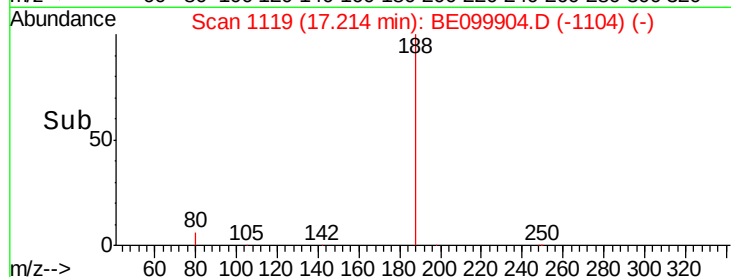
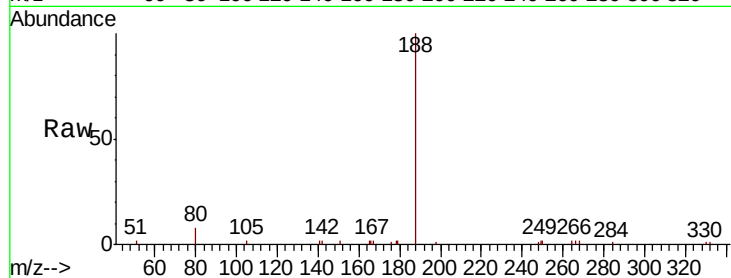
Tgt Ion:188 Resp: 5950

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.45 min Scan# 1062

Delta R.T. 0.04 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

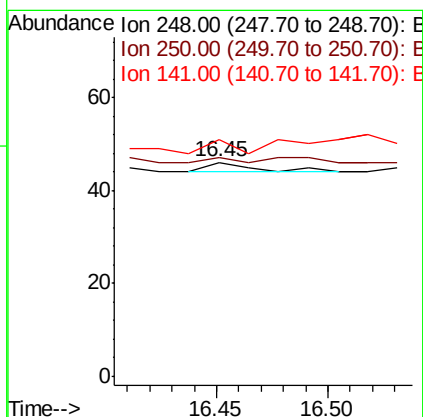
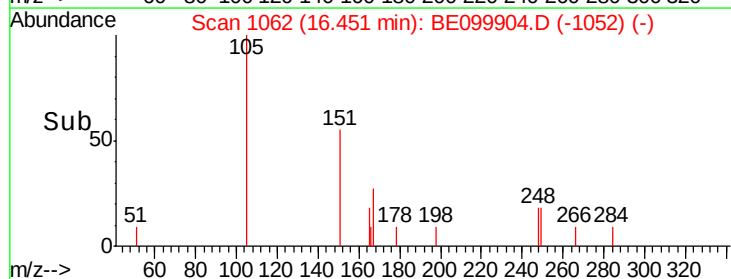
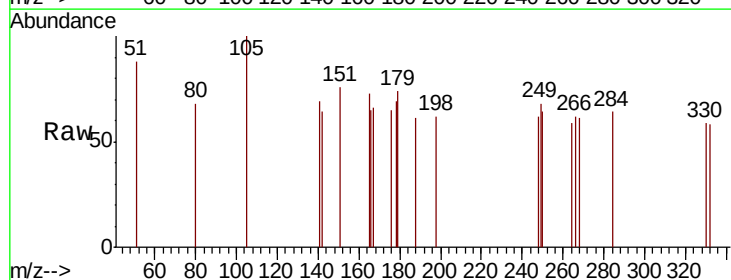
Tgt Ion:248 Resp: 3

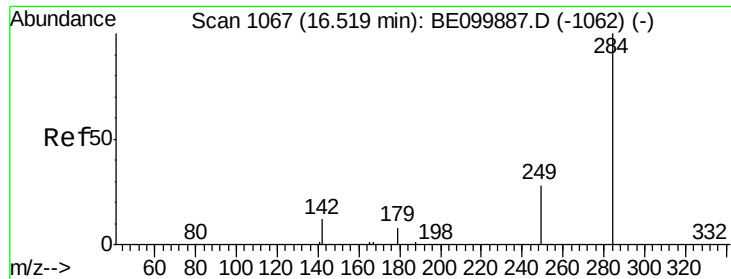
Ion Ratio Lower Upper

248 100

250 102.2 77.5 116.3

141 110.9 31.8 47.8#





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

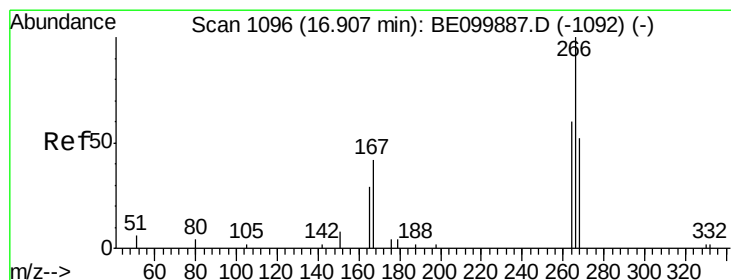
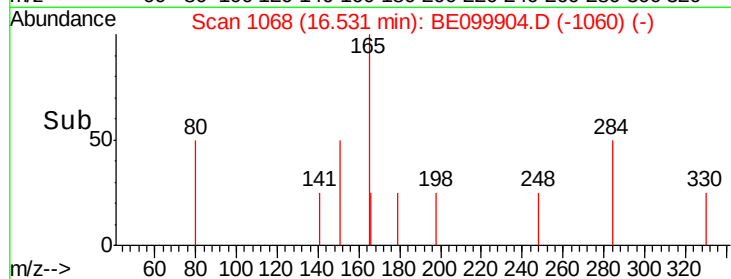
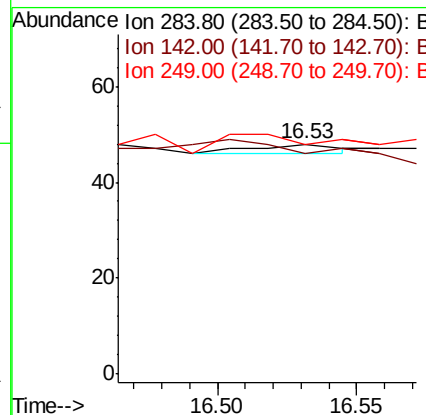
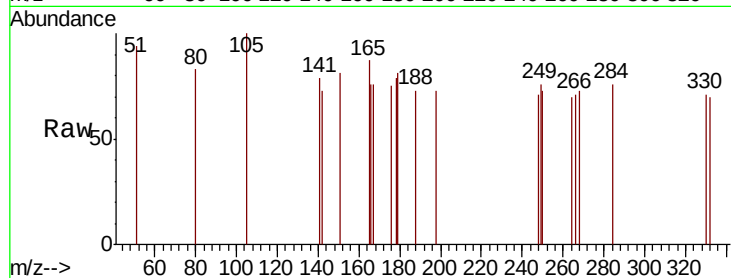
Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

Tgt Ion:	284	Resp:	4
Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.2	27.4#
249	0.0	24.6	37.0#



#22

Pentachlorophenol

Concen: 1.372 ng

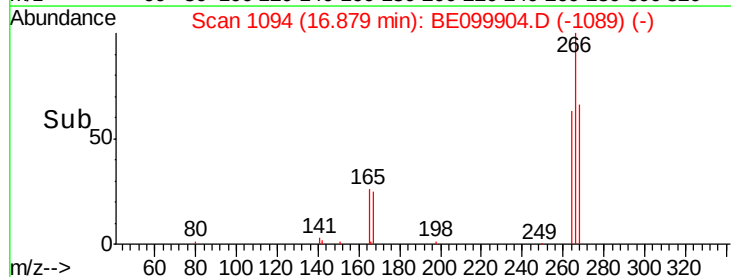
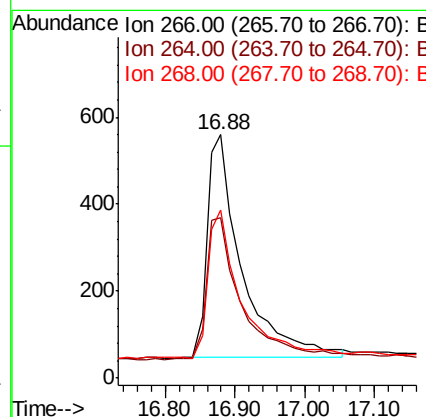
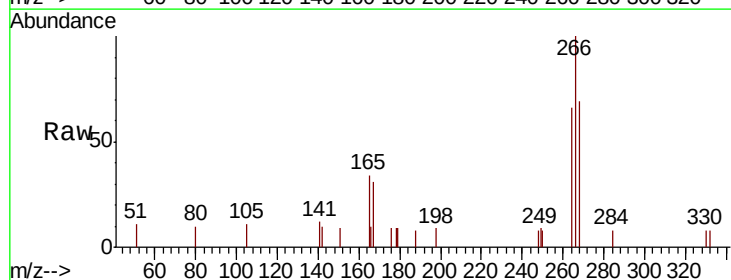
RT: 16.88 min Scan# 1094

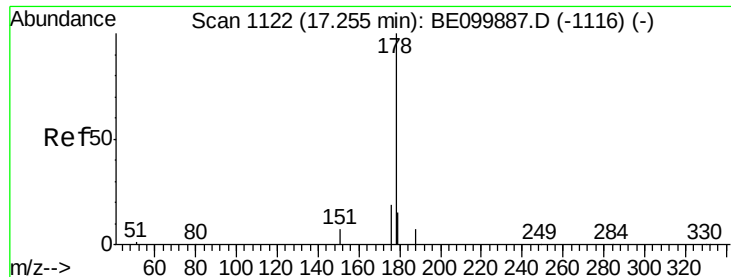
Delta R.T. -0.03 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Tgt Ion:	266	Resp:	1778
Ion	Ratio	Lower	Upper
266	100		
264	65.7	62.2	93.2
268	68.9	65.5	98.3





#23

Phenanthrene

Concen: 0.005 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

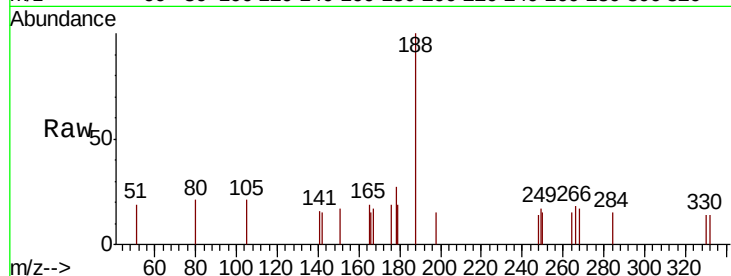
Tgt Ion:178 Resp: 69

Ion Ratio Lower Upper

178 100

176 36.2 15.8 23.8#

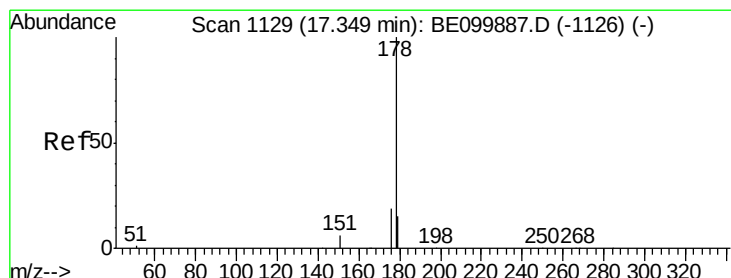
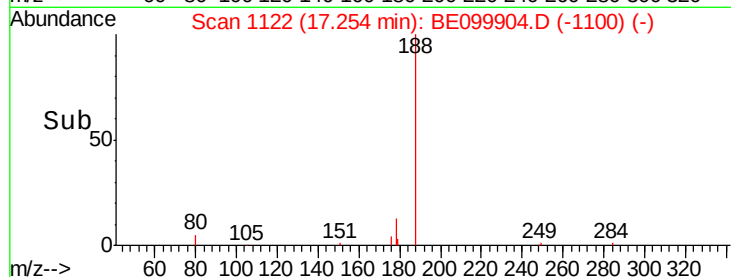
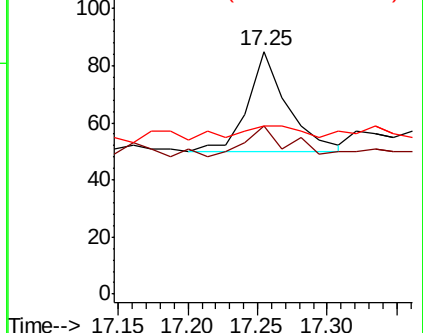
179 26.1 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.001 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

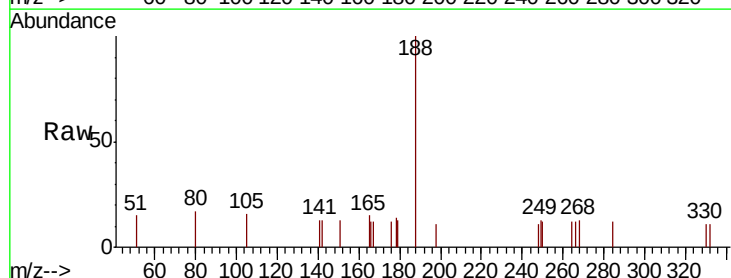
Tgt Ion:178 Resp: 10

Ion Ratio Lower Upper

178 100

176 80.0 14.6 22.0#

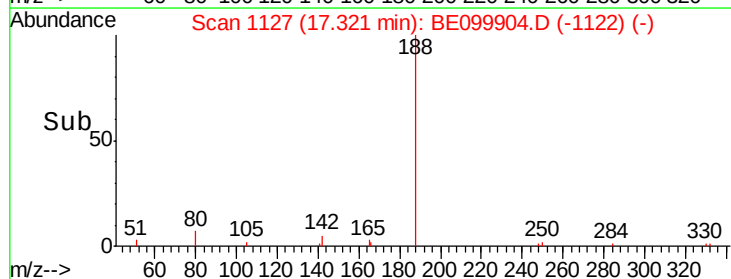
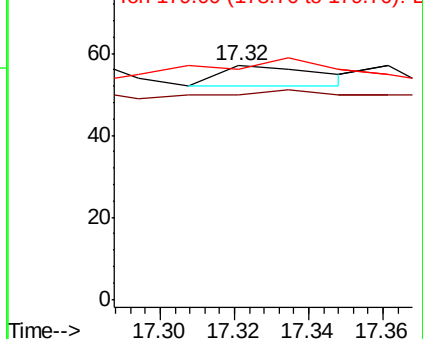
179 220.0 12.3 18.5#

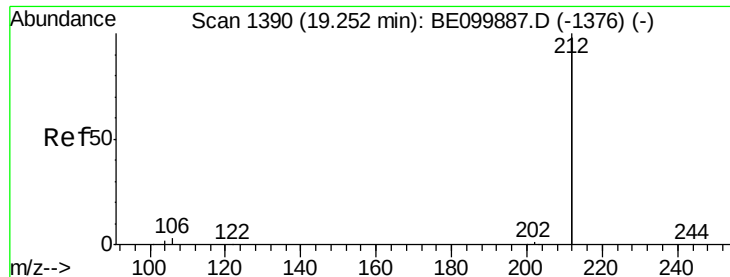


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

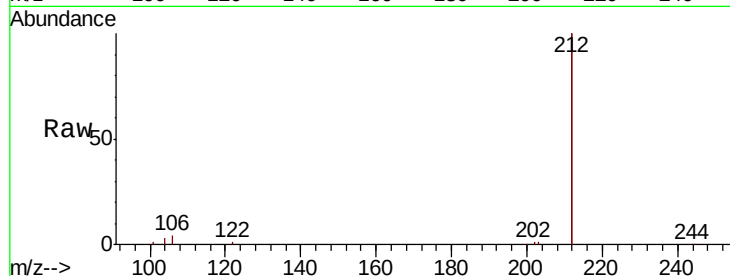
Tgt Ion:212 Resp: 34955

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

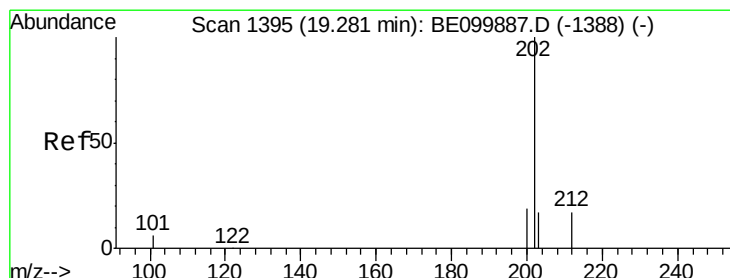
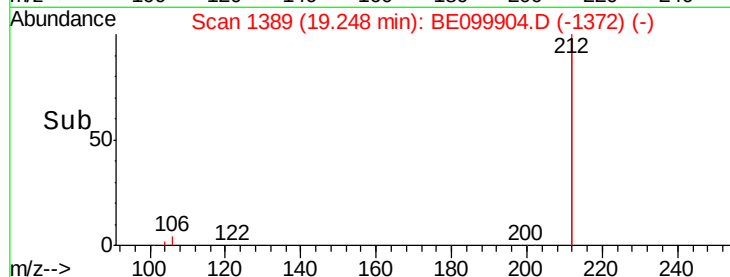
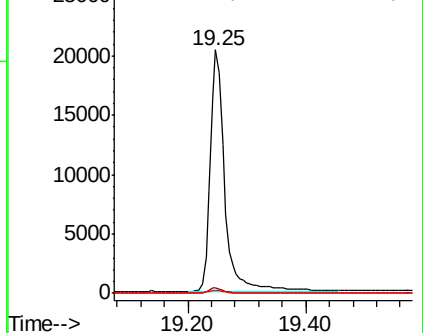
104 1.0 0.9 1.3



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: 0.001 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

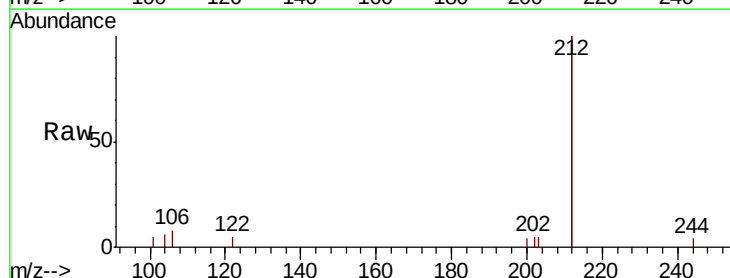
Tgt Ion:202 Resp: 15

Ion Ratio Lower Upper

202 100

101 13.3 5.4 8.0#

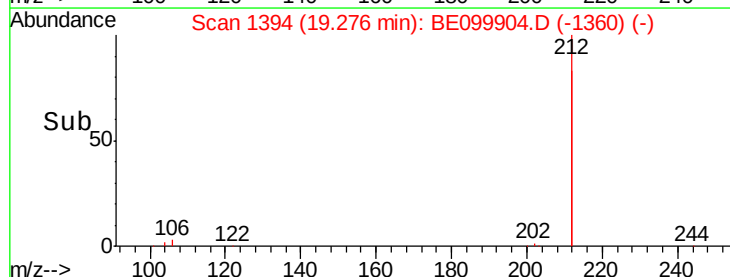
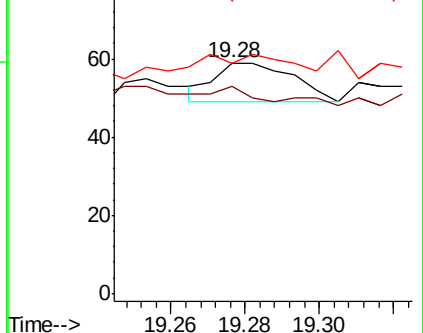
203 46.7 13.2 19.8#

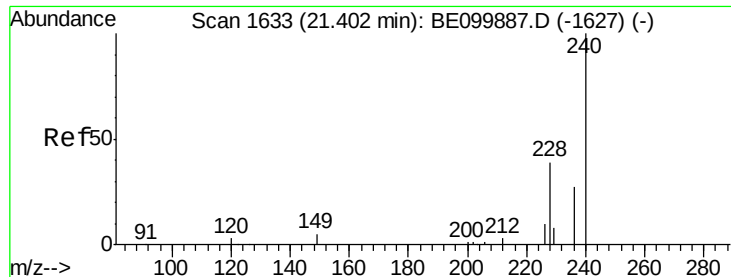


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

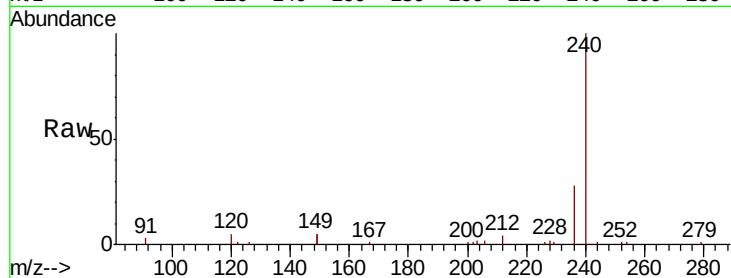
Tgt Ion:240 Resp: 9034

Ion Ratio Lower Upper

240 100

120 5.0 3.8 5.6

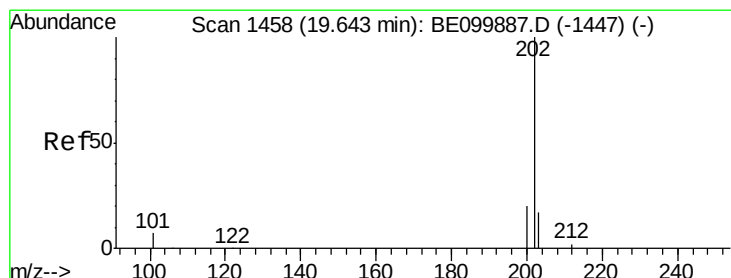
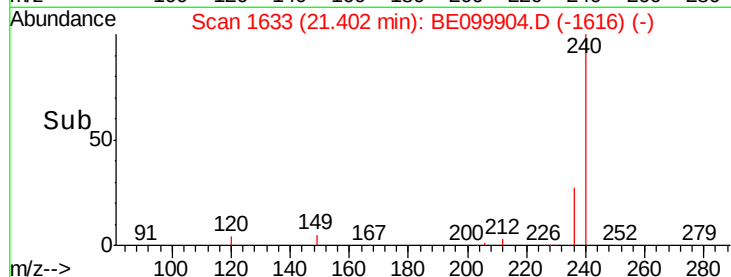
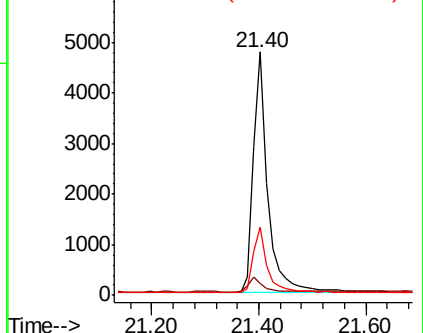
236 28.0 22.0 33.0



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: 0.001 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

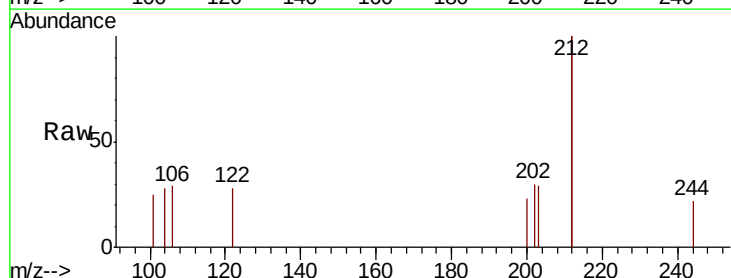
Tgt Ion:202 Resp: 30

Ion Ratio Lower Upper

202 100

200 36.7 15.5 23.3#

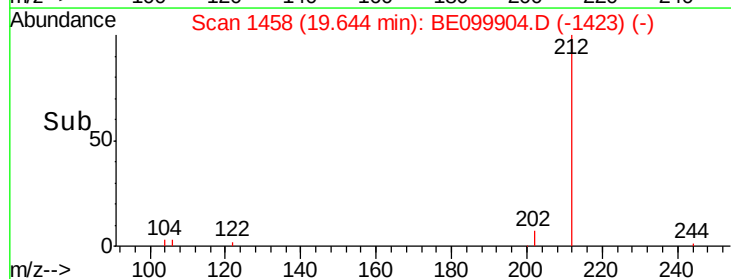
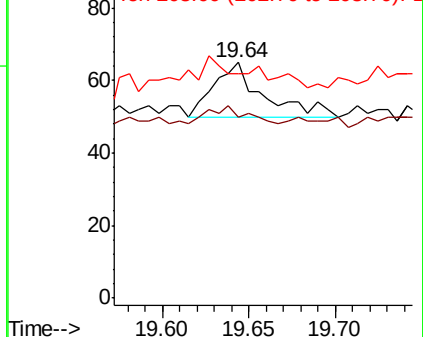
203 56.7 14.0 21.0#

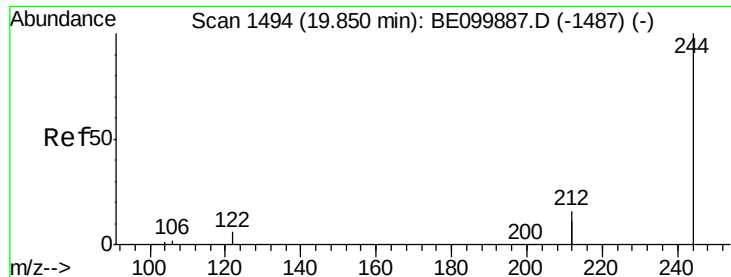


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.561 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

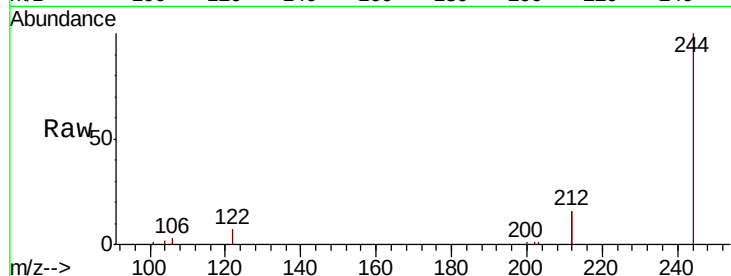
Tgt Ion:244 Resp: 9127

Ion Ratio Lower Upper

244 100

212 31.7 25.7 38.5

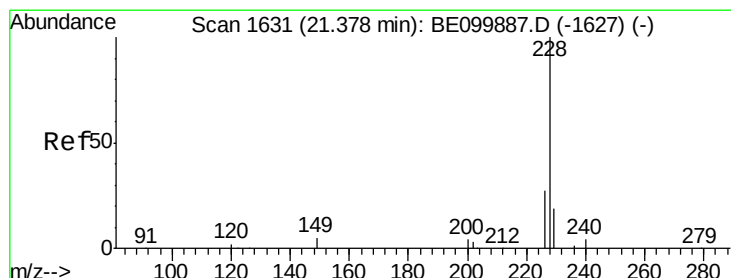
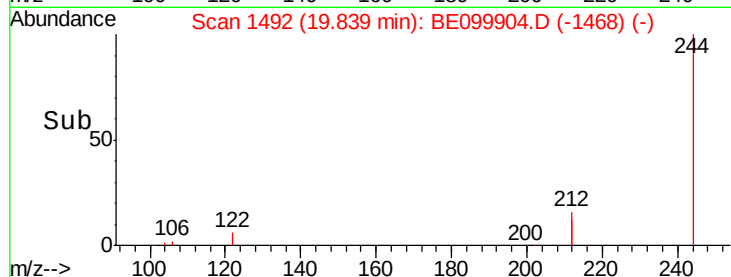
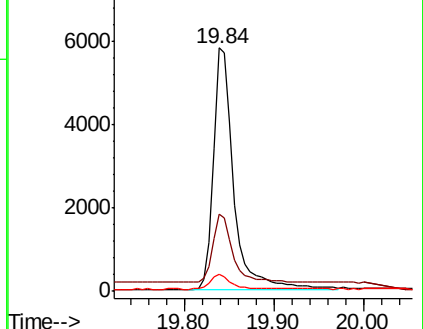
122 7.0 5.5 8.3



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: 0.003 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.02 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

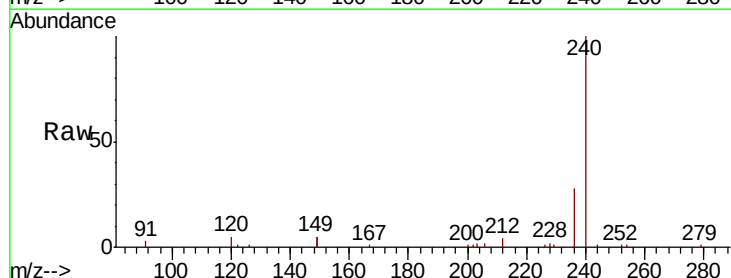
Tgt Ion:228 Resp: 73

Ion Ratio Lower Upper

228 100

226 75.0 22.5 33.7#

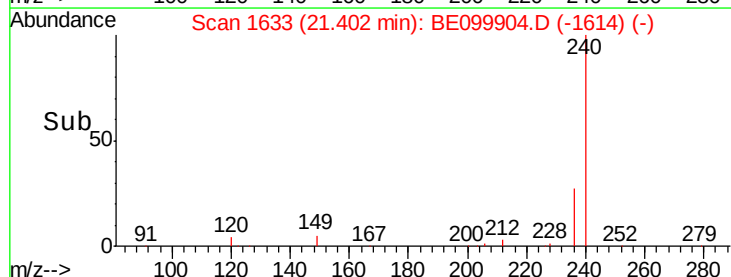
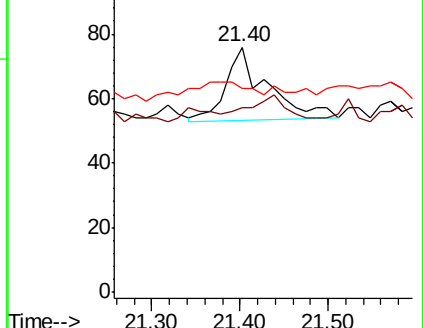
229 82.9 15.9 23.9#

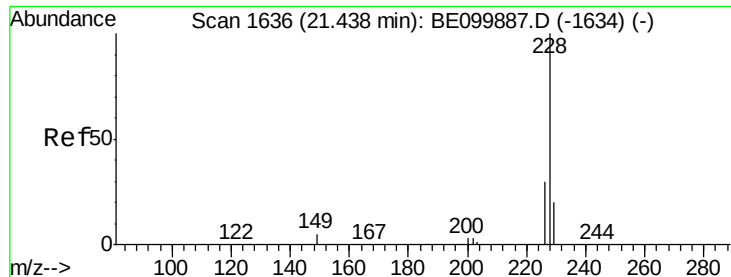


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.002 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

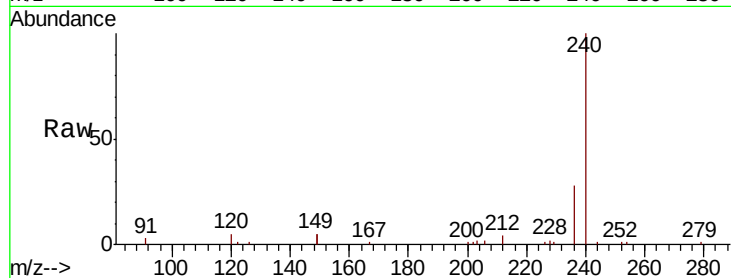
Tgt Ion:228 Resp: 65

Ion Ratio Lower Upper

228 100

226 75.0 24.1 36.1#

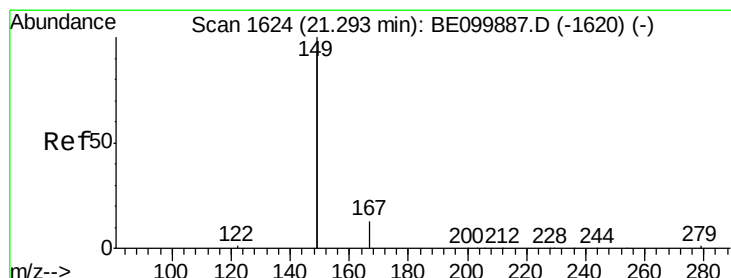
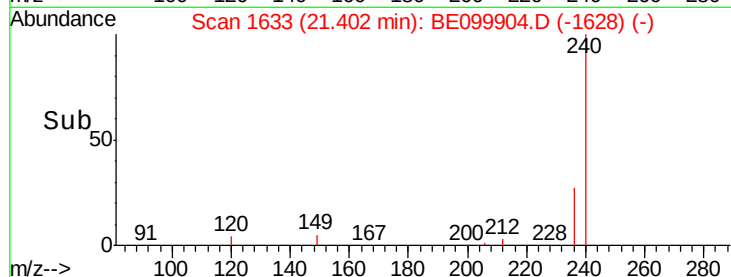
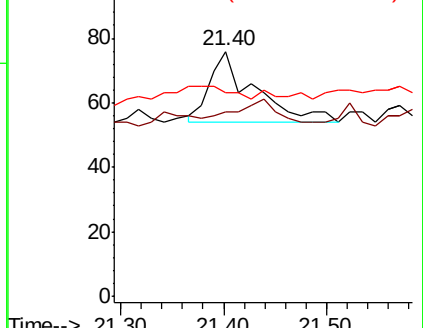
229 82.9 16.1 24.1#



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: 0.043 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

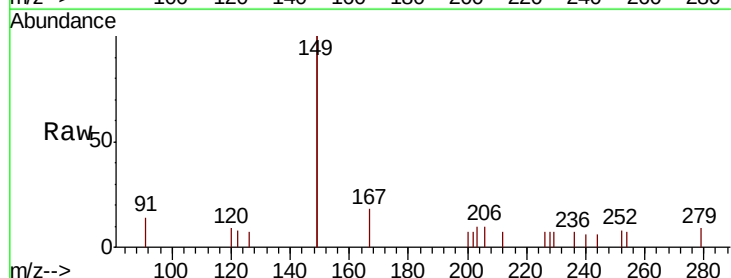
Tgt Ion:149 Resp: 1652

Ion Ratio Lower Upper

149 100

167 6.5 5.9 8.9

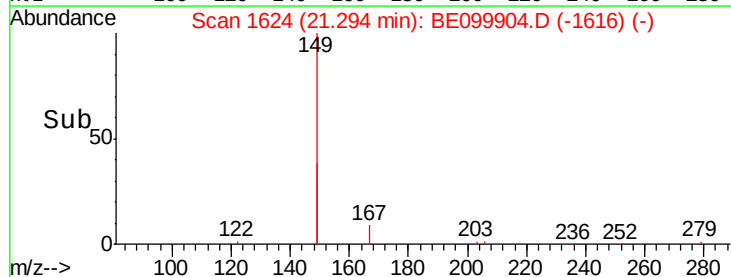
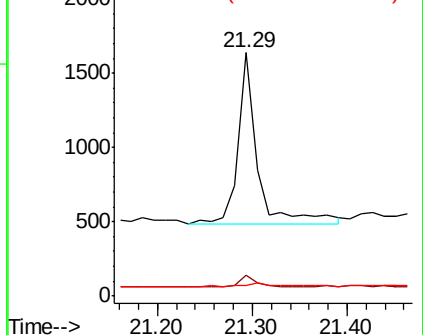
279 3.0 1.2 1.8#

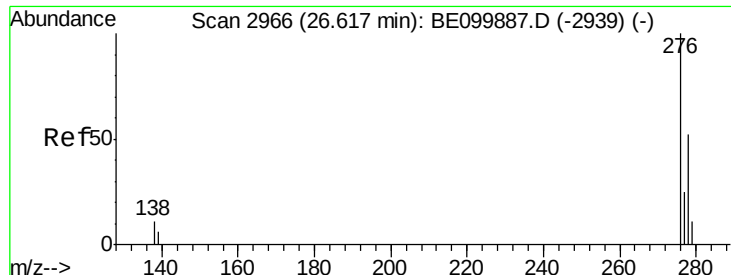


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 26.62 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

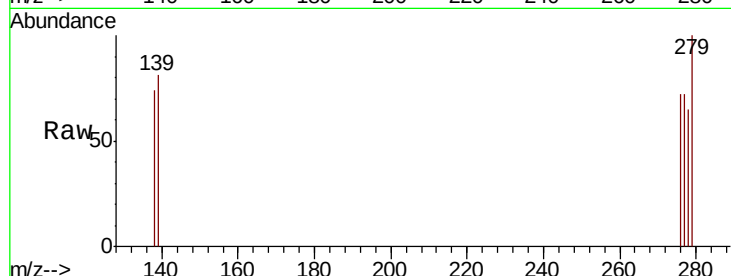
Tgt Ion:276 Resp: 12

Ion Ratio Lower Upper

276 100

138 16.7 10.1 15.1#

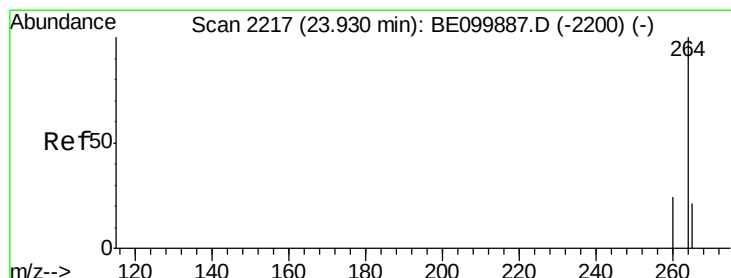
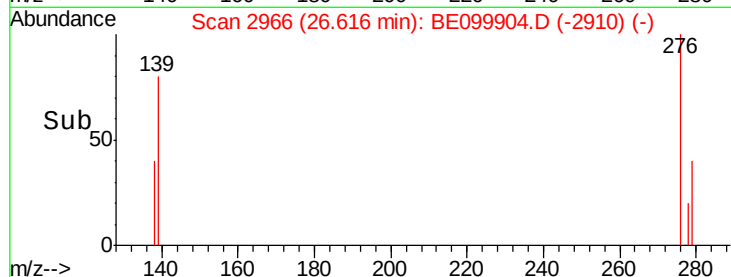
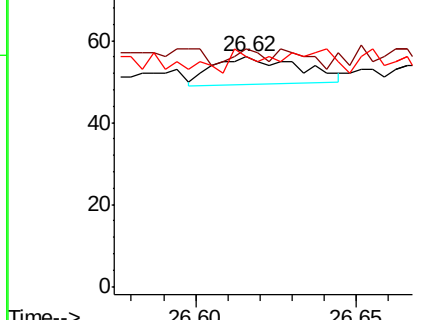
277 25.0 19.1 28.7



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: 23.93 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

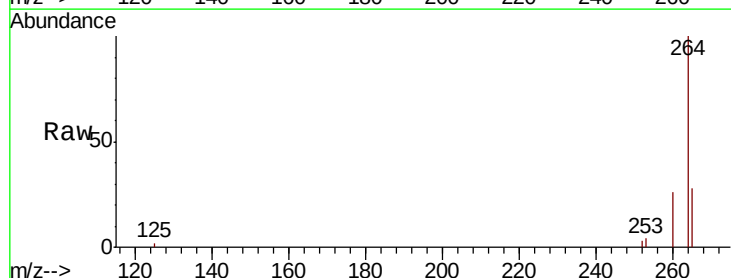
Tgt Ion:264 Resp: 10281

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

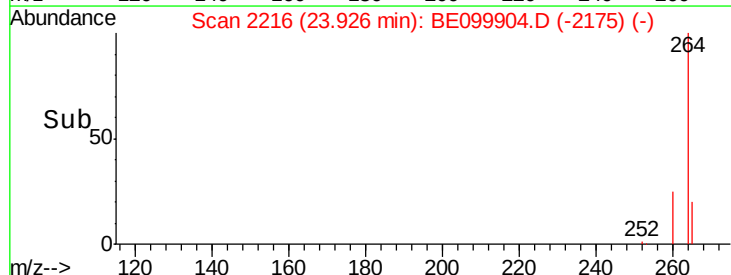
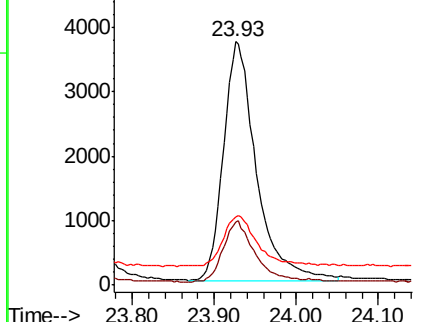
265 27.9 22.0 33.0

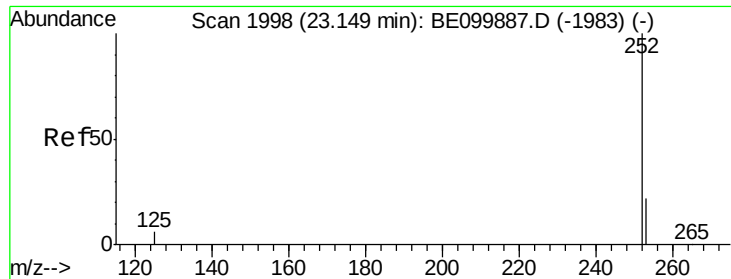


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 23.15 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

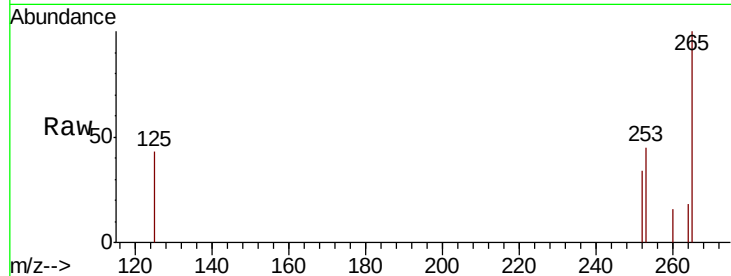
Tgt Ion: 252 Resp: 46

Ion Ratio Lower Upper

252 100

253 131.1 18.7 28.1#

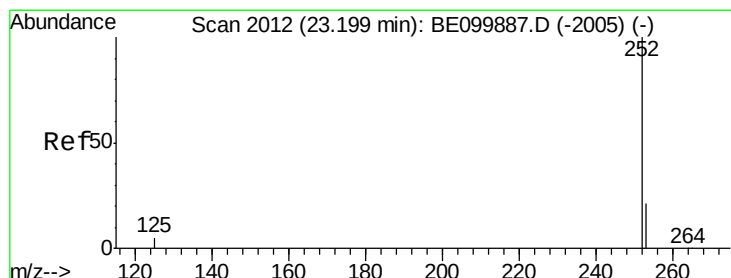
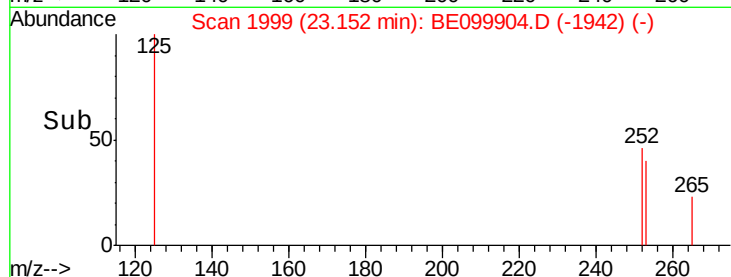
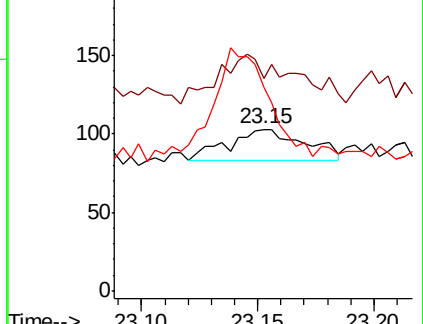
125 126.2 5.7 8.5#



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: 0.000 ng

RT: 23.21 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

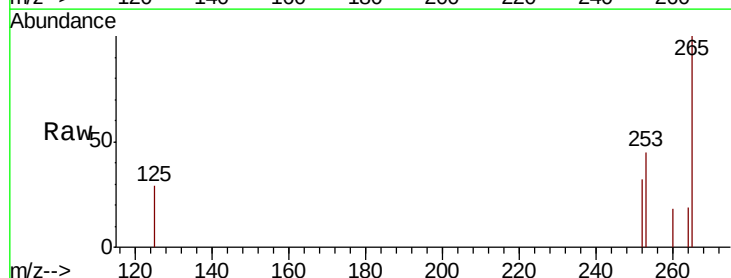
Tgt Ion: 252 Resp: 5

Ion Ratio Lower Upper

252 100

253 140.0 18.6 28.0#

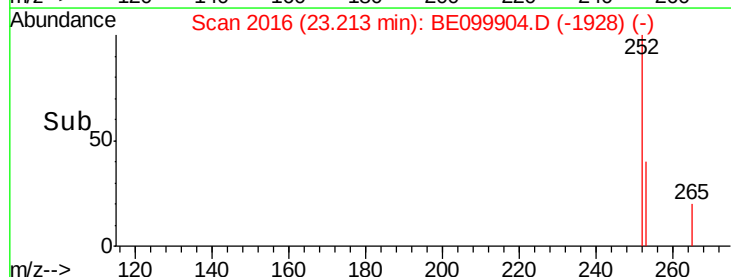
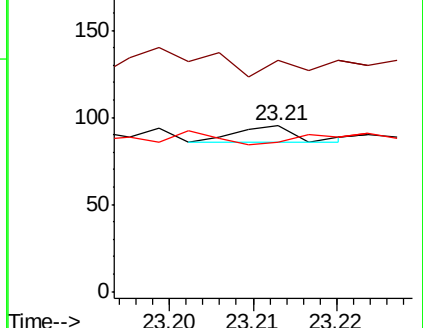
125 90.5 5.4 8.0#

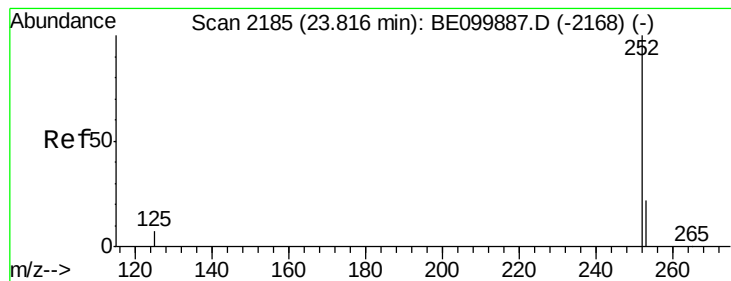


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

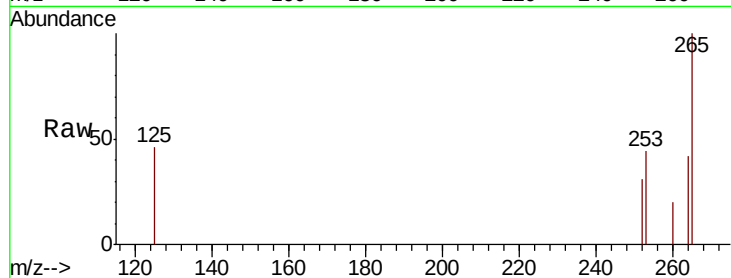
Instrument :

BNA_E

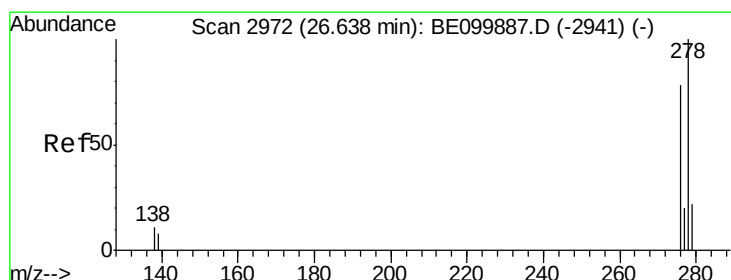
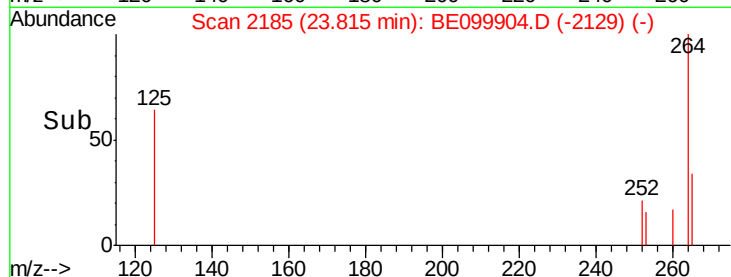
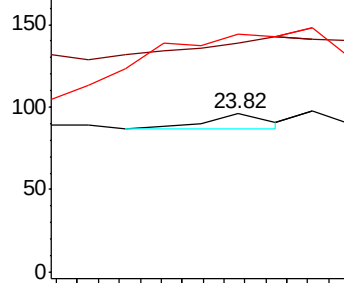
ClientSampleId :

RE131D1-20190606

Tgt Ion:	252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	144.8	19.6	29.4#
125	150.0	6.6	10.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

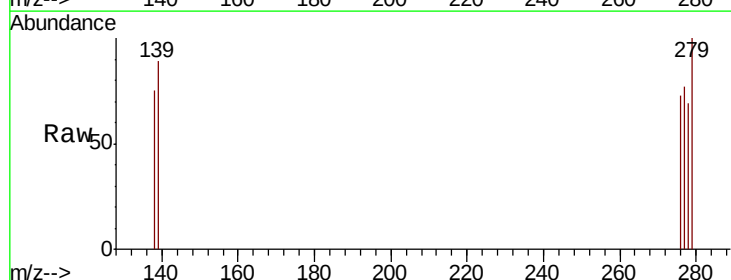
RT: 26.61 min Scan# 2965

Delta R.T. -0.03 min

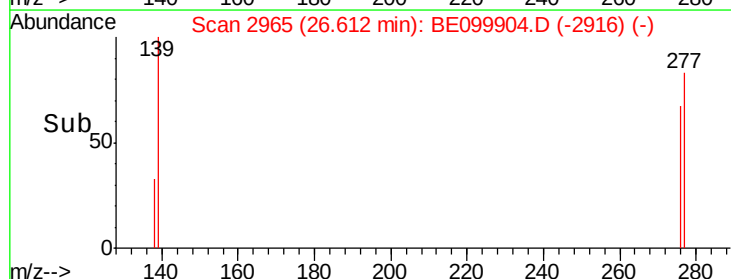
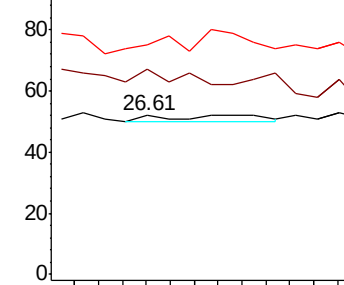
Lab File: BE099904.D

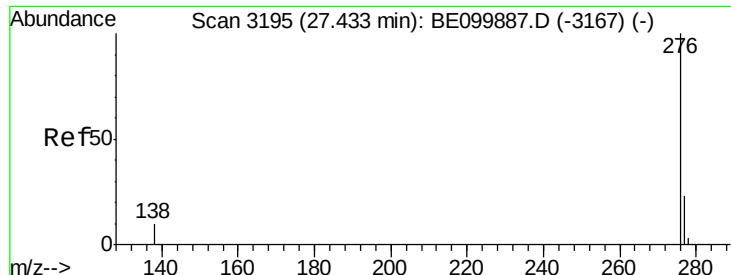
Acq: 10 Jun 2019 23:30

Tgt Ion:	278	Resp:	2
Ion	Ratio	Lower	Upper
278	100		
139	128.8	7.8	11.8#
279	144.2	20.0	30.0#



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(g,h,i)perylene

Concen: 0.000 ng

RT: 27.44 min Scan# 3197

Delta R.T. 0.01 min

Lab File: BE099904.D

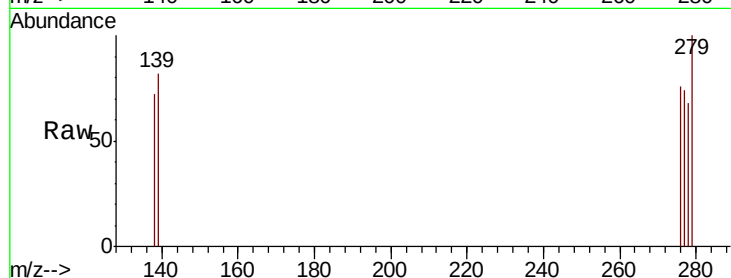
Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606



Tgt Ion:	276	Resp:	3
Ion	Ratio	Lower	Upper
276	100		
277	98.2	19.5	29.3#
138	94.6	9.5	14.3#

