

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041819\
 Data File : BE099337.D
 Acq On : 18 Apr 2019 14:46
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE041819

Quant Time: Apr 19 07:02:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4031	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15264	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	10503	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	32238	0.40	ng	0.00
27) Chrysene-d12	21.37	240	36041	0.40	ng	0.00
34) Perylene-d12	23.86	264	33693	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	3982	0.40	ng	0.00
5) Phenol-d6	6.97	99	5664	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	4907	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	10937	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	1447	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	17101	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	147855	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	29128	0.41	ng	0.00

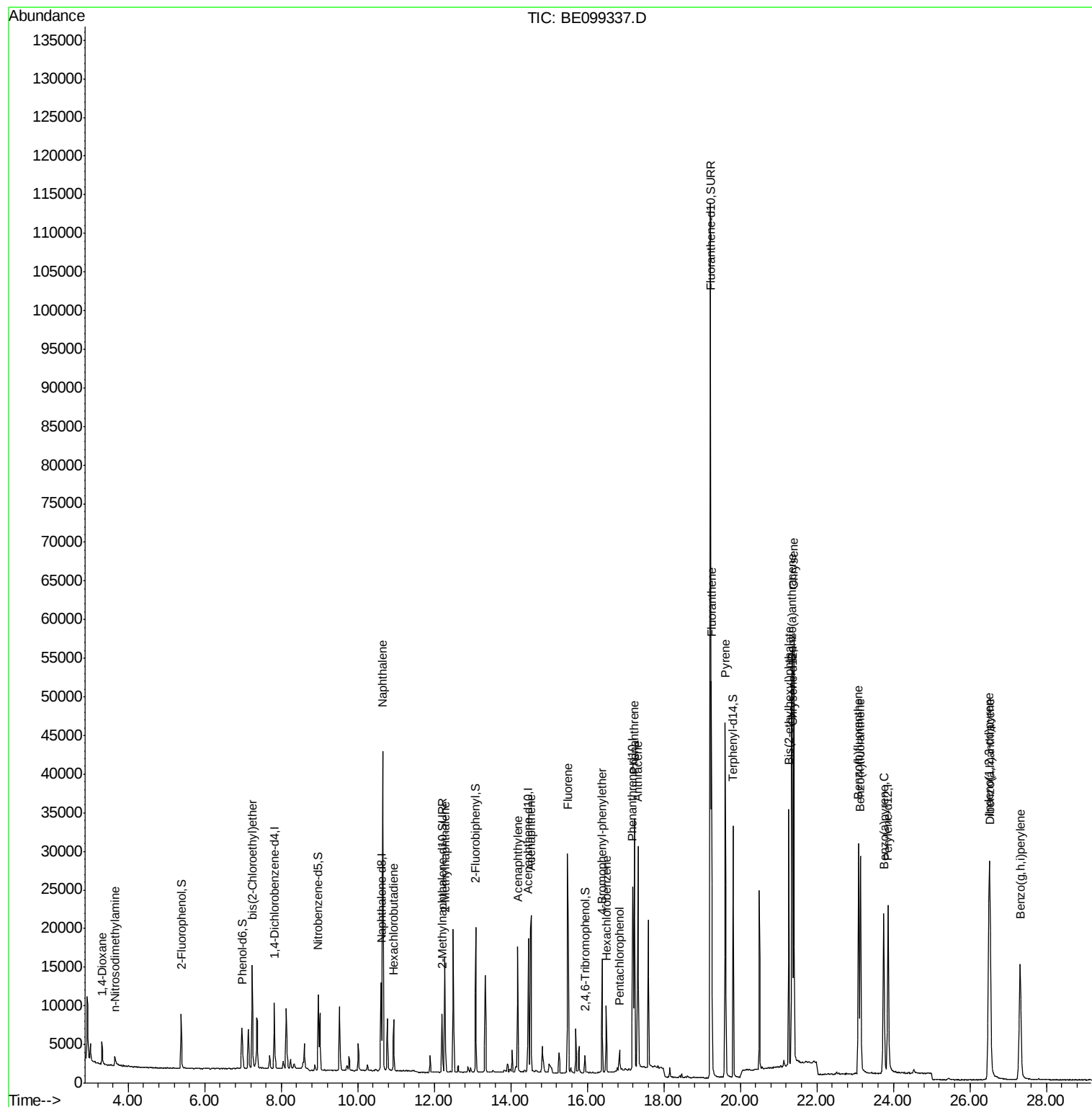
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	2276	0.403	ng	98
3) n-Nitrosodimethylamine	3.65	42	1230	0.405	ng	# 86
6) bis(2-Chloroethyl)ether	7.24	93	5294	0.404	ng	96
9) Naphthalene	10.65	128	68085	0.409	ng	99
10) Hexachlorobutadiene	10.94	225	4334	0.410	ng	96
12) 2-Methylnaphthalene	12.28	142	11603	0.409	ng	97
16) Acenaphthylene	14.18	152	18819	0.396	ng	99
17) Acenaphthene	14.53	154	12120	0.414	ng	98
18) Fluorene	15.49	166	17194	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.39	248	6892	0.386	ng	# 94
21) Hexachlorobenzene	16.49	284	6822	0.397	ng	98
22) Pentachlorophenol	16.84	266	1580	0.448	ng	97
23) Phenanthrene	17.23	178	34647	0.406	ng	100
24) Anthracene	17.32	178	30338	0.400	ng	99
26) Fluoranthene	19.25	202	44028	0.385	ng	100
28) Pyrene	19.61	202	44054	0.415	ng	100
30) Benzo(a)anthracene	21.34	228	43576	0.411	ng	99
31) Chrysene	21.40	228	46057	0.408	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	34874	0.362	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	46552	0.418	ng	100
35) Benzo(b)fluoranthene	23.09	252	42214	0.409	ng	99
36) Benzo(k)fluoranthene	23.14	252	41136	0.400	ng	99
37) Benzo(a)pyrene	23.75	252	36515	0.395	ng	99
38) Dibenzo(a,h)anthracene	26.52	278	38344	0.406	ng	99
39) Benzo(g,h,i)perylene	27.31	276	38766	0.405	ng	99

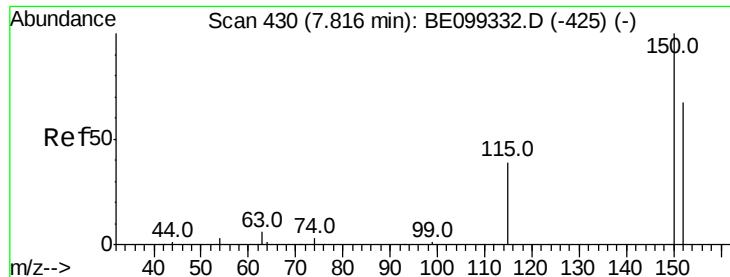
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

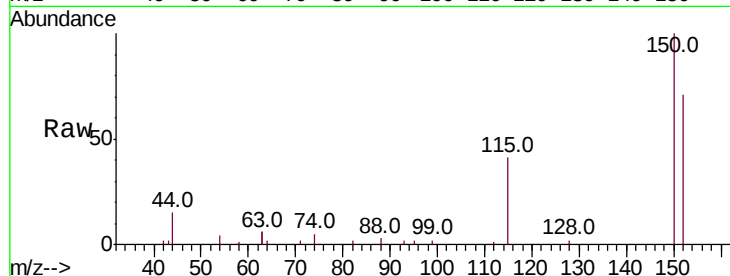
Tot Ion:152 Resp: 4031

Ion Ratio Lower Upper

152 100

150 140.5 119.5 179.3

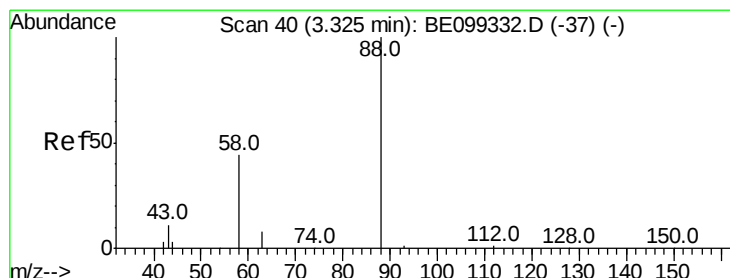
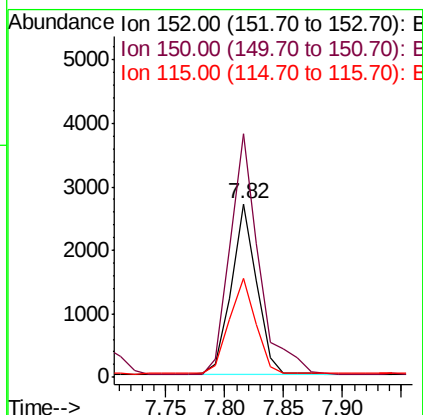
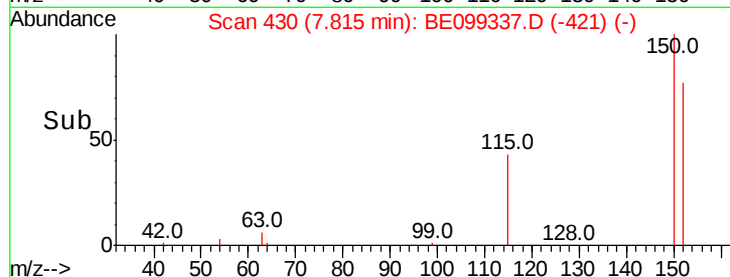
115 57.4 47.5 71.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.403 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.01 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

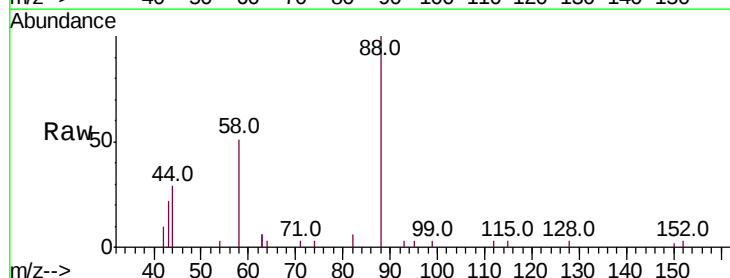
Tgt Ion: 88 Resp: 2276

Ion Ratio Lower Upper

88 100

58 59.9 49.1 73.7

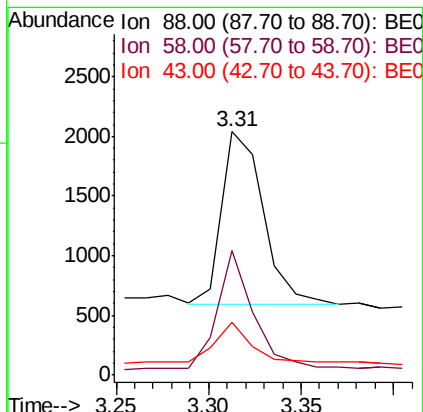
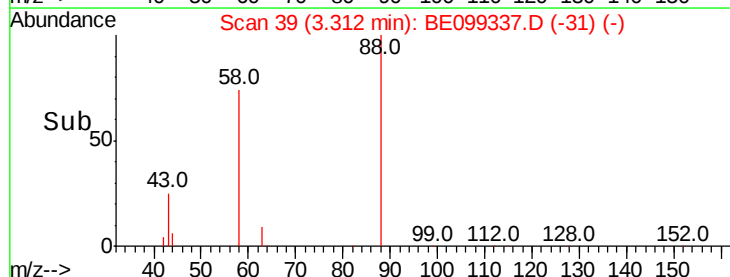
43 23.8 17.9 26.9

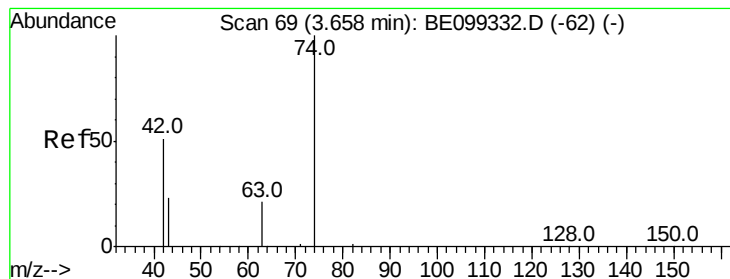


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.405 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

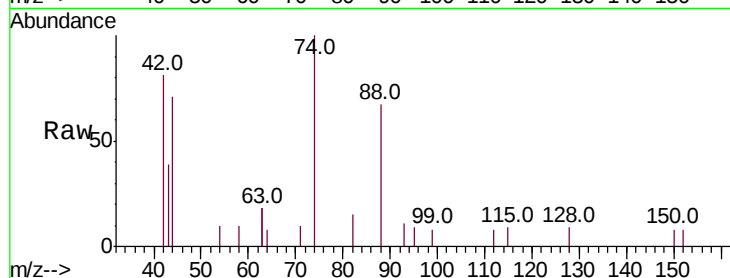
Tot Ion: 42 Resp: 1230

Ion Ratio Lower Upper

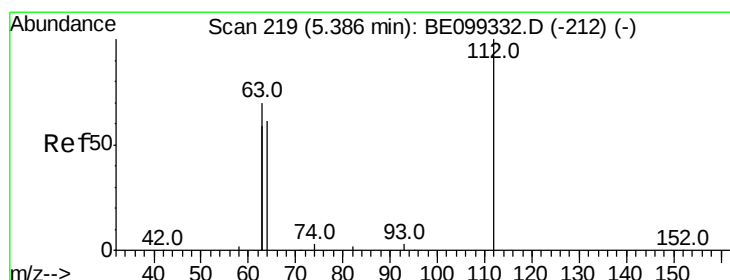
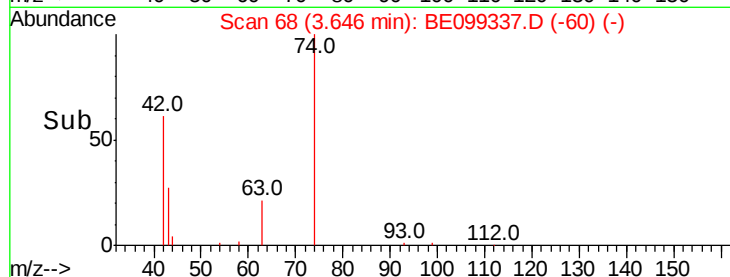
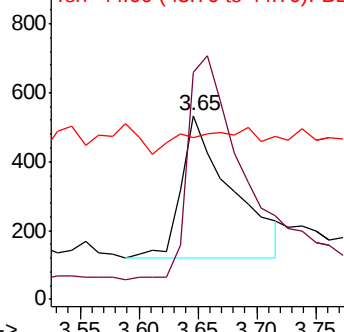
42 100

74 163.8 145.8 218.8

44 0.0 9.0 13.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.404 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

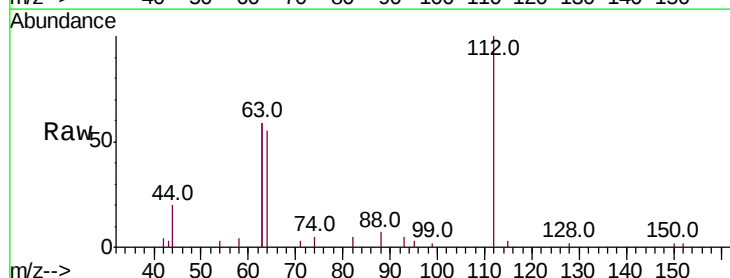
Tgt Ion: 112 Resp: 3982

Ion Ratio Lower Upper

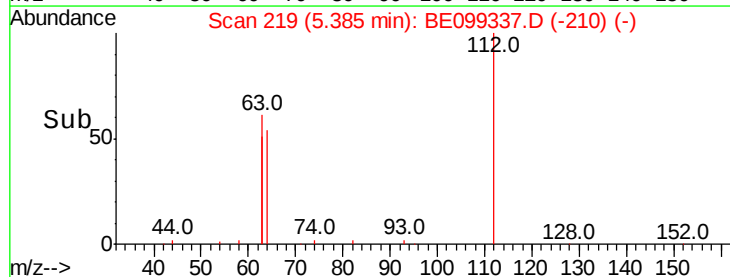
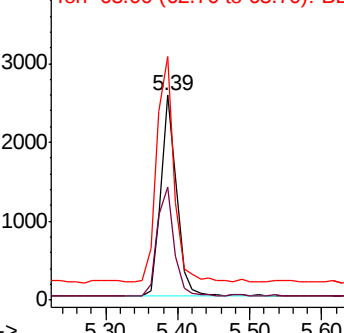
112 100

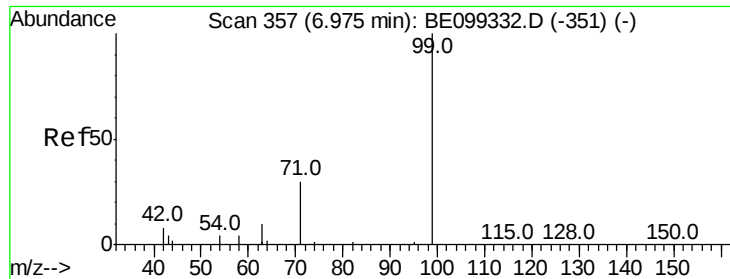
64 55.8 44.9 67.3

63 117.8 97.4 146.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.403 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

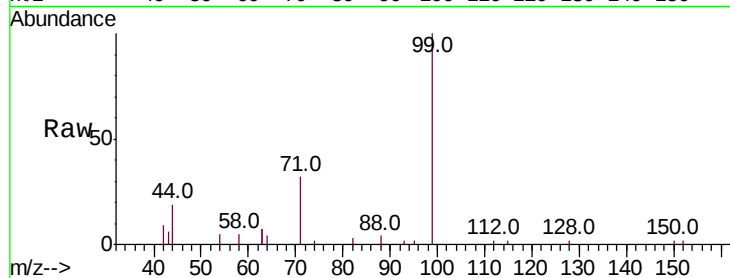
Tot Ion: 99 Resp: 5664

Ion Ratio Lower Upper

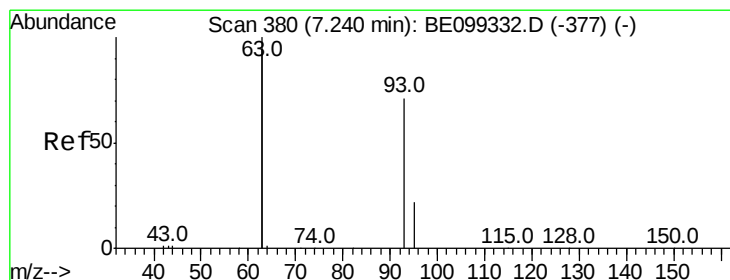
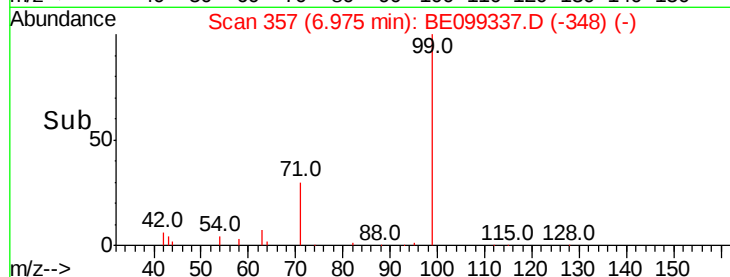
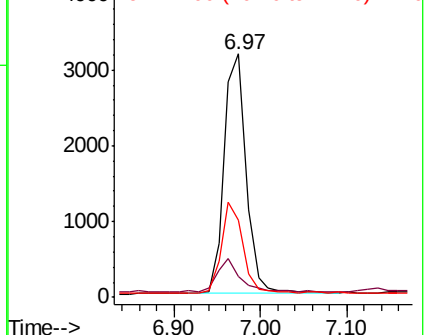
99 100

42 13.7 11.7 17.5

71 37.1 29.6 44.4



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.404 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

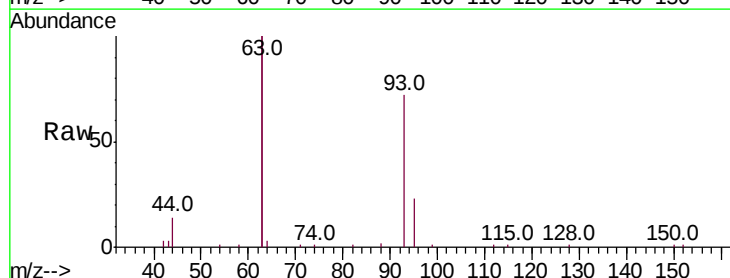
Tgt Ion: 93 Resp: 5294

Ion Ratio Lower Upper

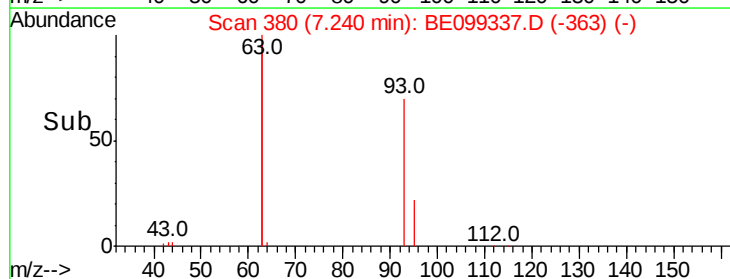
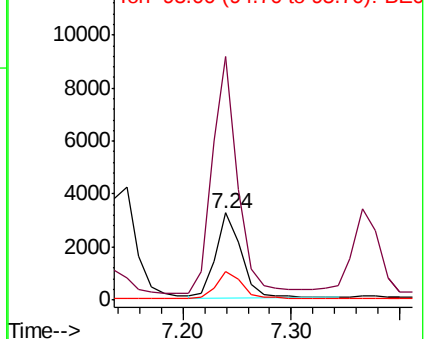
93 100

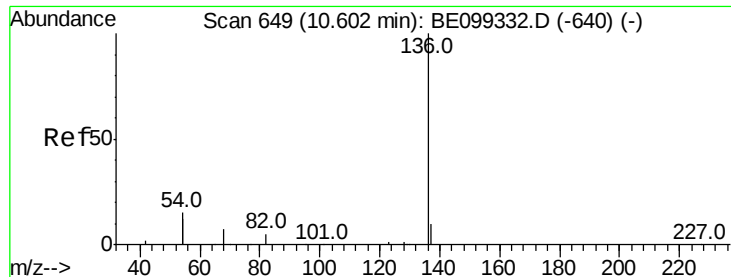
63 278.4 216.6 324.8

95 32.4 25.8 38.6



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: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

Tot Ion:136 Resp: 15264

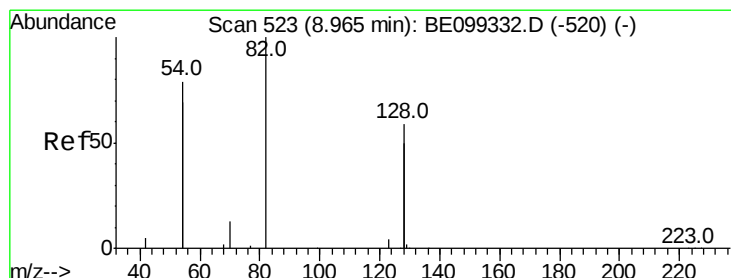
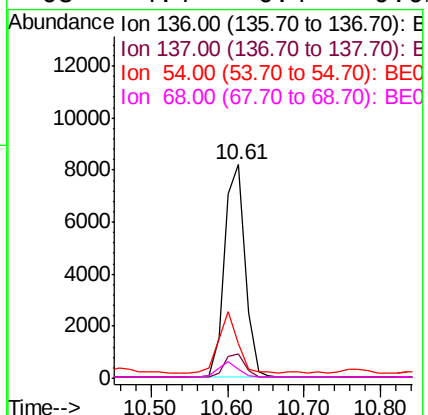
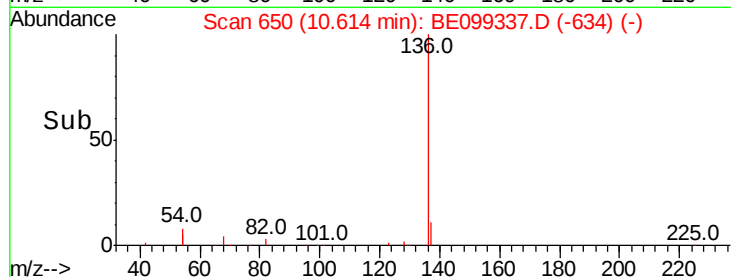
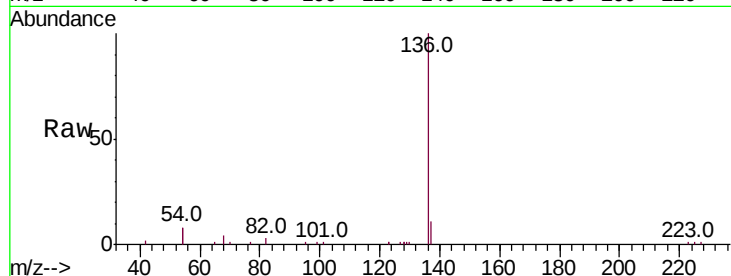
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 16.1 23.8 35.8#

68 4.4 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.414 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

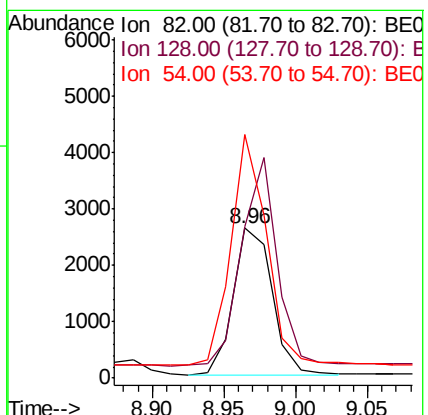
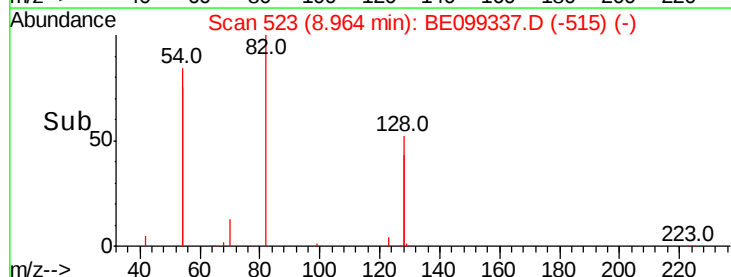
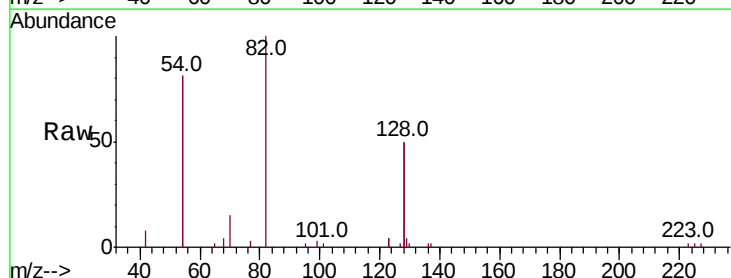
Tgt Ion: 82 Resp: 4907

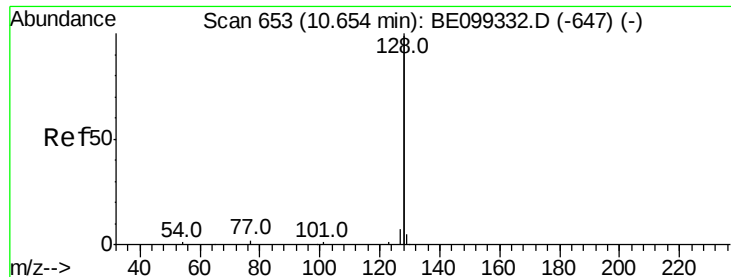
Ion Ratio Lower Upper

82 100

128 100.8 91.7 137.5

54 162.2 122.8 184.2





#9

Naphthalene

Concen: 0.409 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

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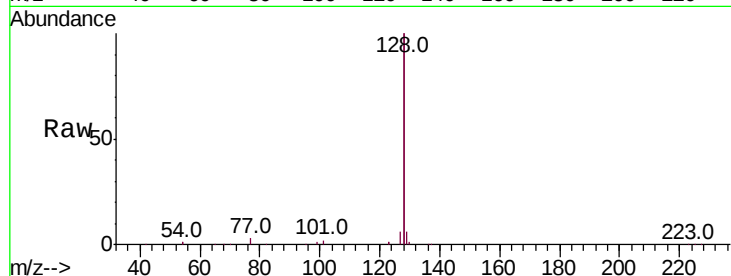
Tot Ion:128 Resp: 68085

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

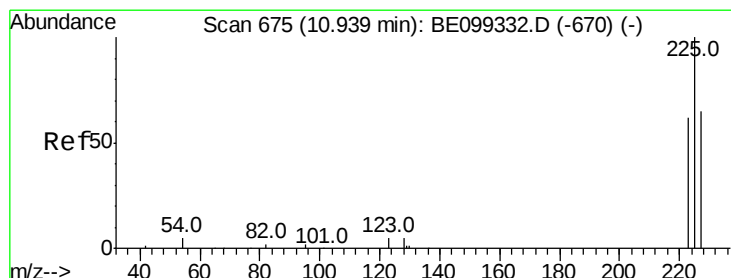
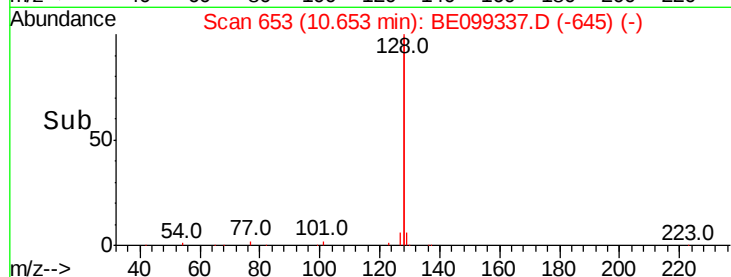
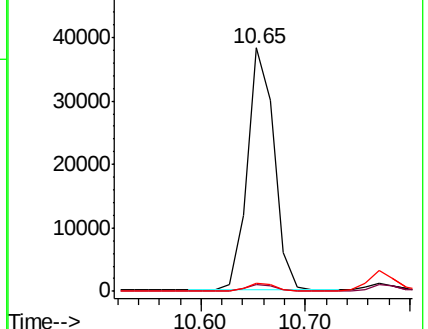
127 3.2 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.410 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

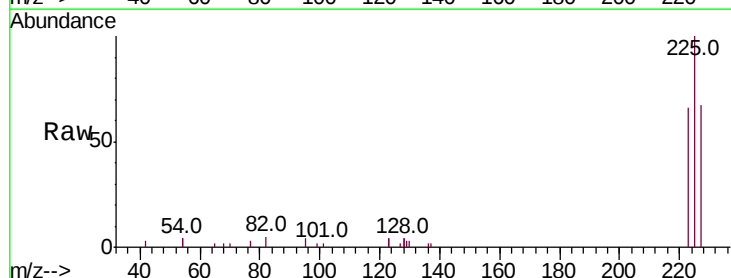
Tgt Ion:225 Resp: 4334

Ion Ratio Lower Upper

225 100

223 64.4 50.3 75.5

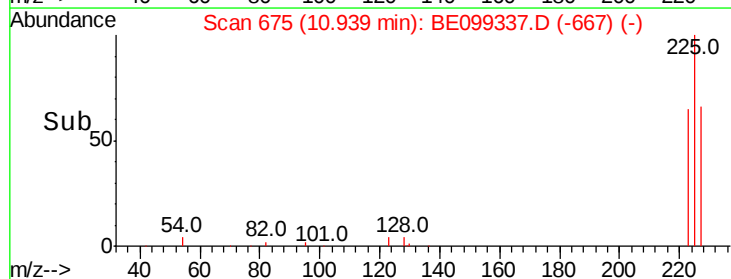
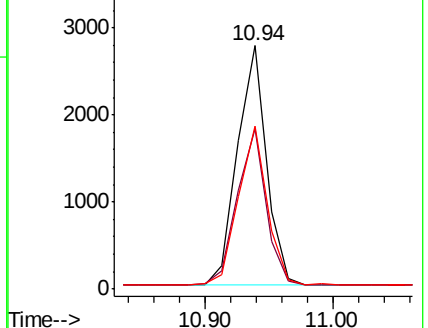
227 65.9 49.4 74.0

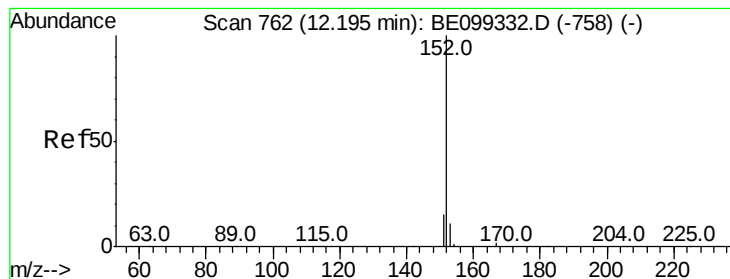


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

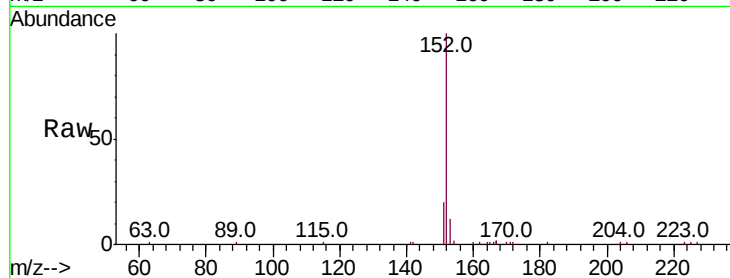
ICVBE041819

Tot Ion:152 Resp: 10937

Ion Ratio Lower Upper

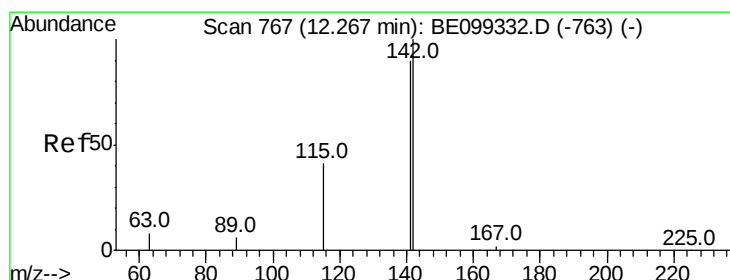
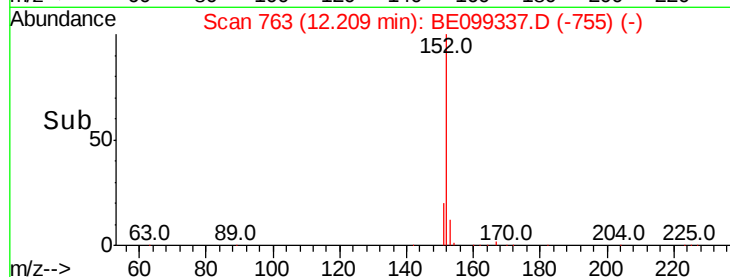
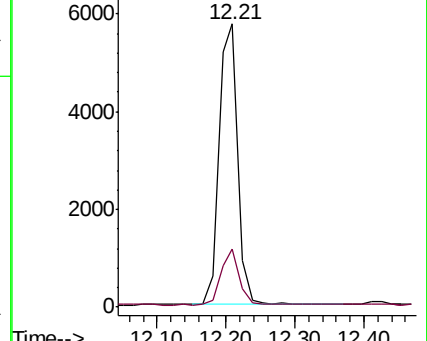
152 100

151 19.2 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.409 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

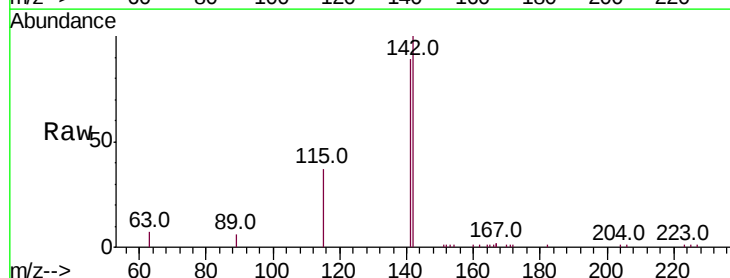
Tgt Ion:142 Resp: 11603

Ion Ratio Lower Upper

142 100

141 88.7 72.0 108.0

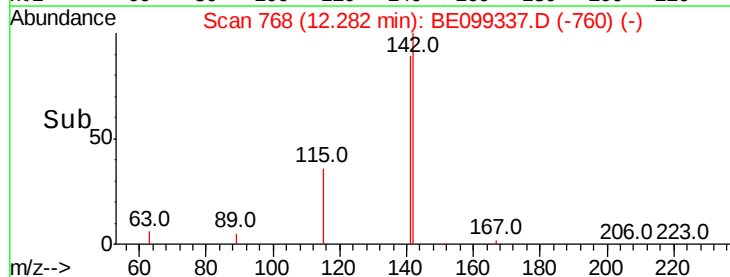
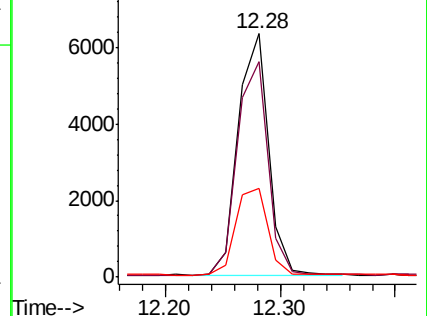
115 36.7 33.4 50.0

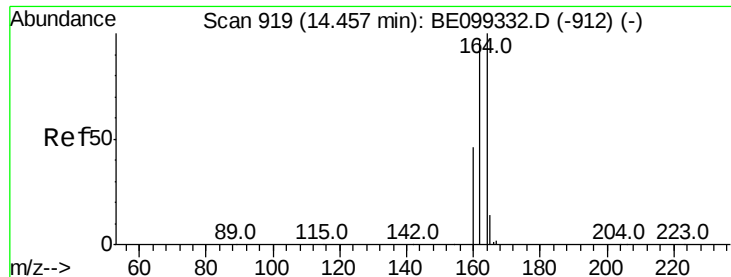


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

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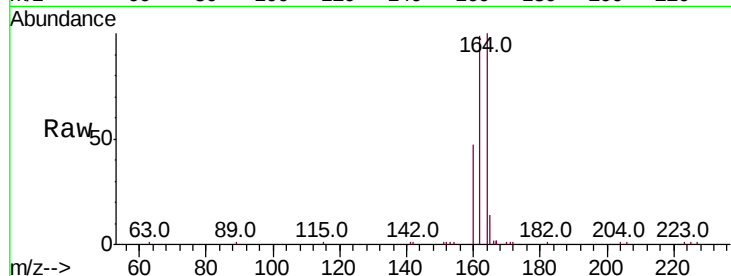
Tot Ion:164 Resp: 10503

Ion Ratio Lower Upper

164 100

162 98.9 77.8 116.6

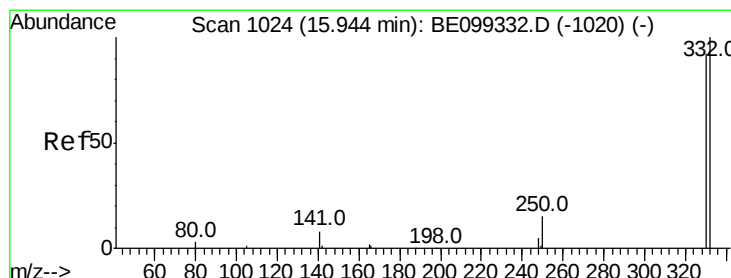
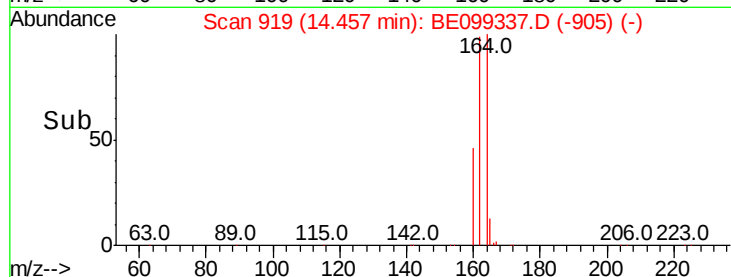
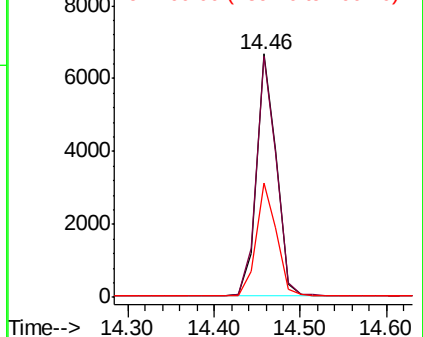
160 46.8 37.1 55.7



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: 0.415 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

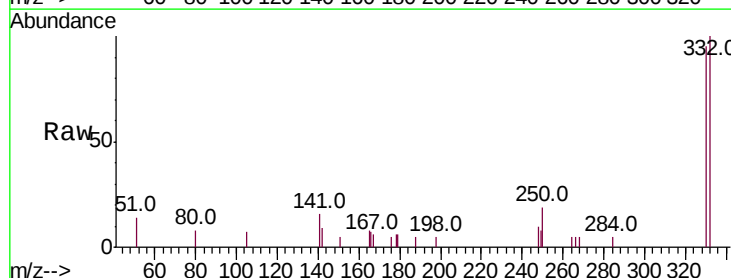
Tgt Ion:330 Resp: 1447

Ion Ratio Lower Upper

330 100

332 103.2 82.5 123.7

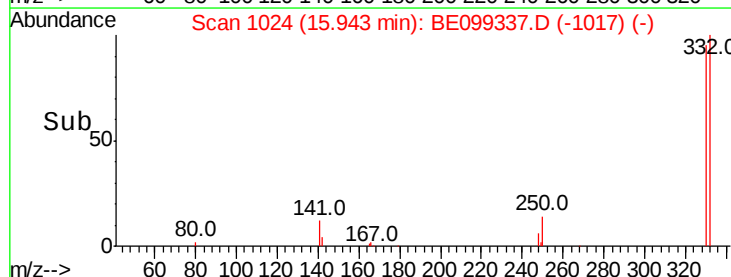
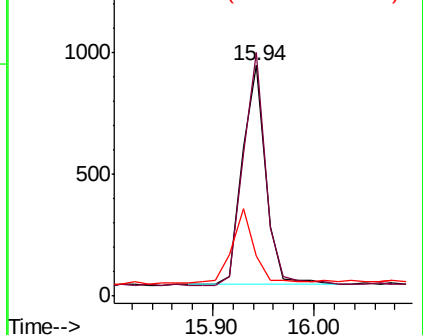
141 32.2 24.9 37.3

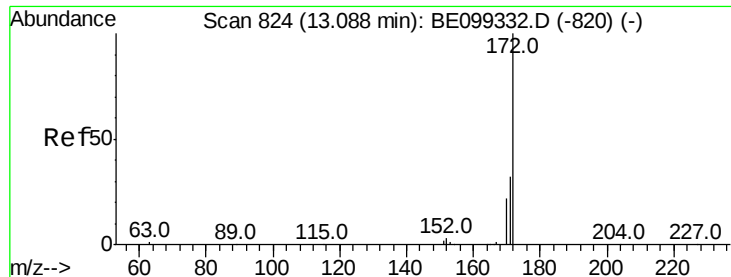


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

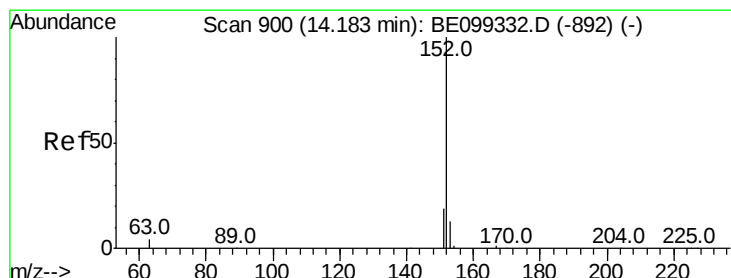
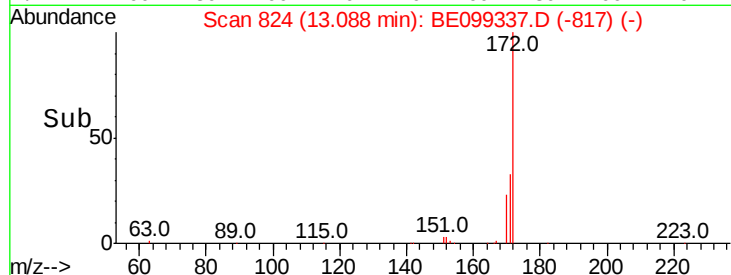
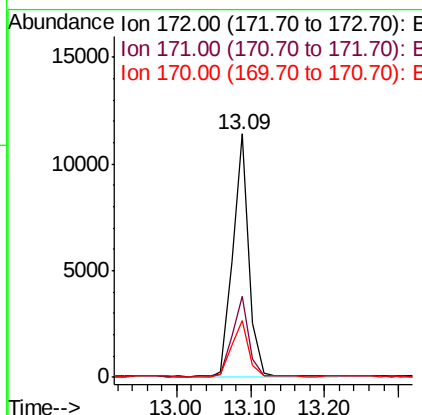
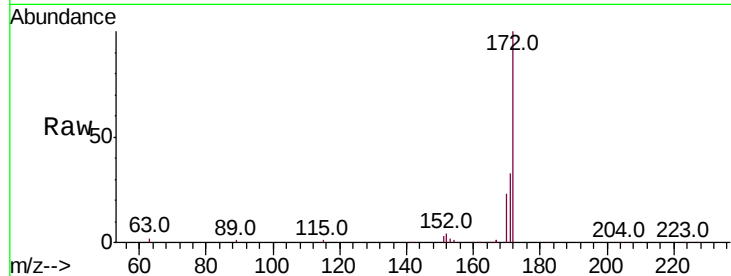




#15
 2-Fluorobiphenyl
 Concen: 0.414 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099337.D
 Acq: 18 Apr 2019 14:46

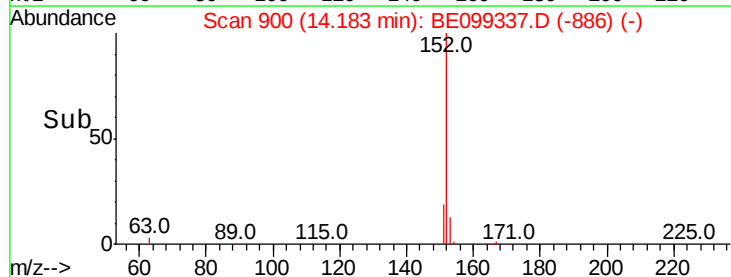
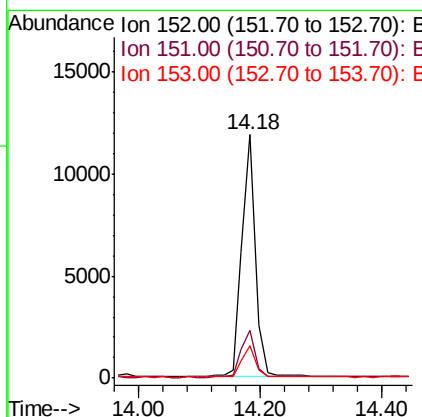
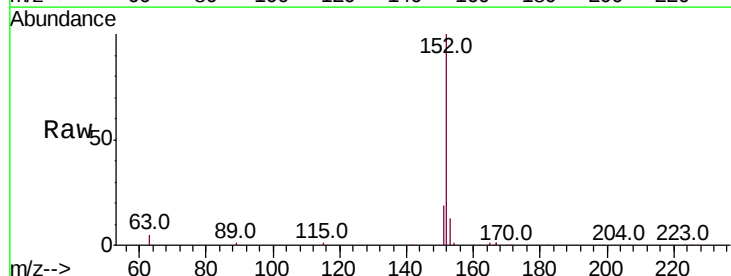
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE041819

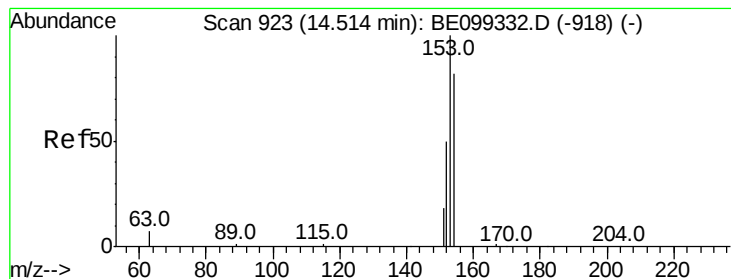
Tot Ion:172 Resp: 17101
 Ion Ratio Lower Upper
 172 100
 171 33.2 26.2 39.2
 170 23.1 18.1 27.1



#16
 Acenaphthylene
 Concen: 0.396 ng
 RT: 14.18 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BE099337.D
 Acq: 18 Apr 2019 14:46

Tgt Ion:152 Resp: 18819
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.5 23.3
 153 13.3 10.2 15.4





#17

Acenaphthene

Concen: 0.414 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

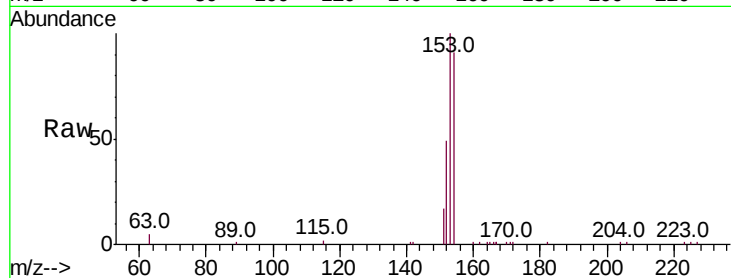
Tot Ion:154 Resp: 12120

Ion Ratio Lower Upper

154 100

153 114.7 94.7 142.1

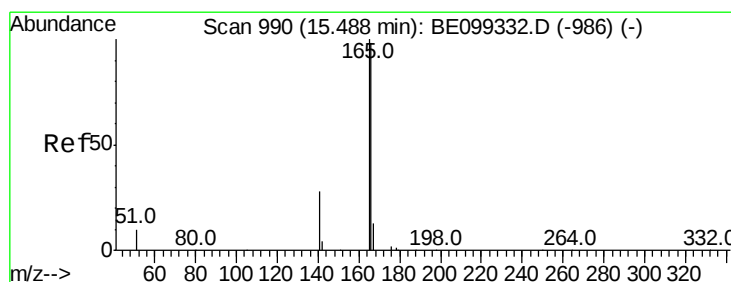
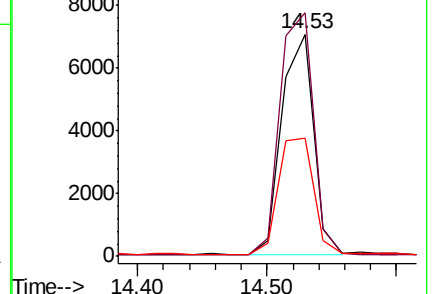
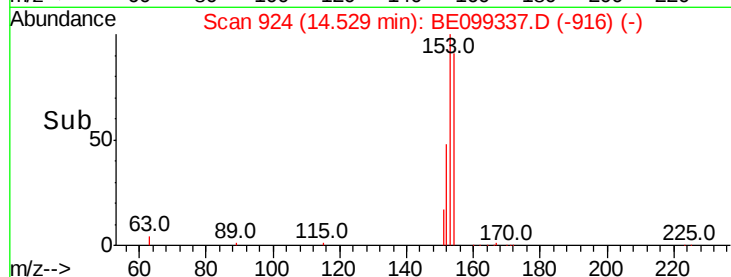
152 58.0 46.4 69.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.409 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

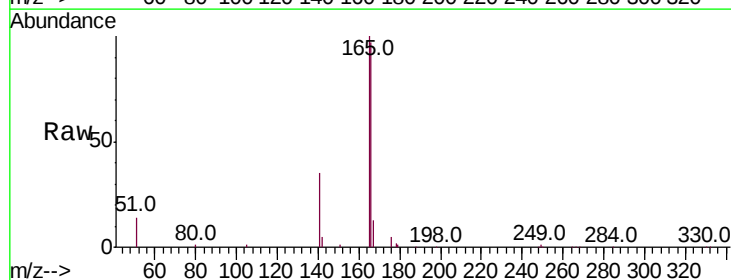
Tgt Ion:166 Resp: 17194

Ion Ratio Lower Upper

166 100

165 100.9 79.7 119.5

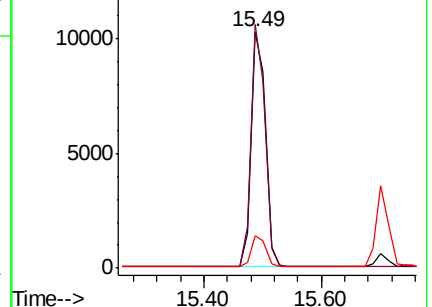
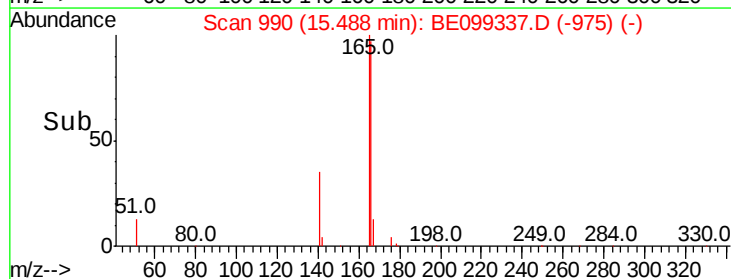
167 13.4 11.0 16.4

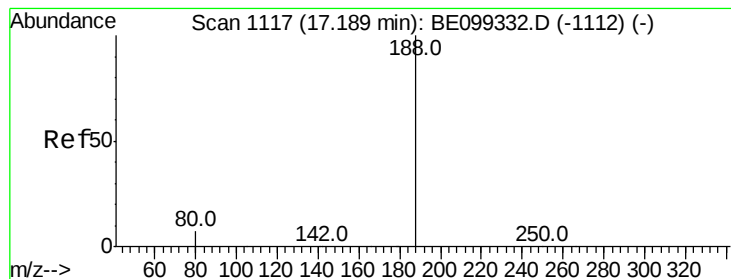


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

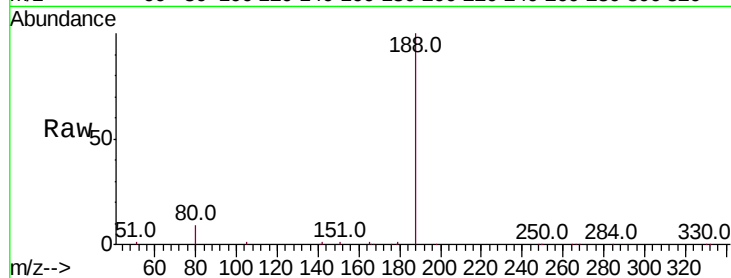
Tot Ion:188 Resp: 32238

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

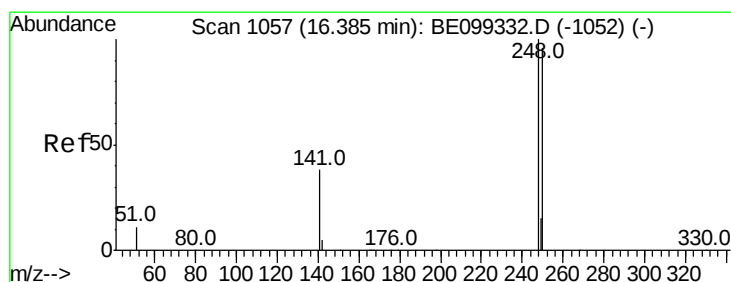
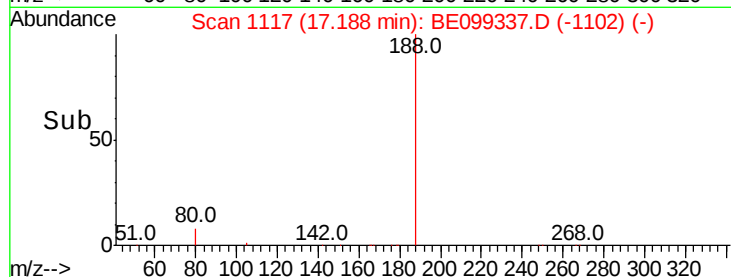
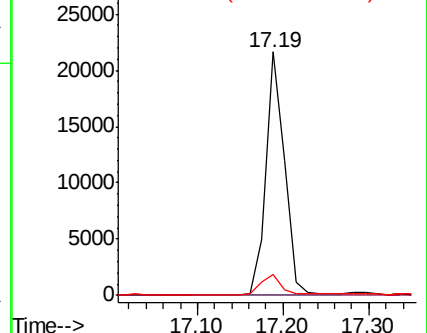
80 8.7 6.2 9.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.386 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

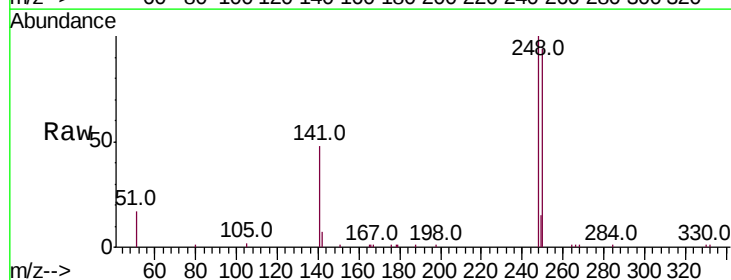
Tgt Ion:248 Resp: 6892

Ion Ratio Lower Upper

248 100

250 94.4 77.0 115.6

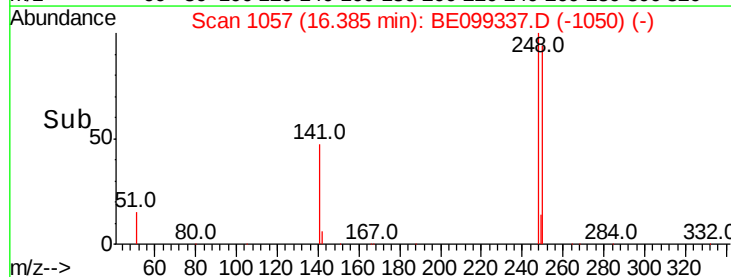
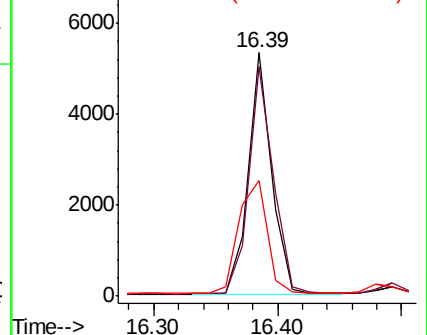
141 47.7 31.1 46.7#

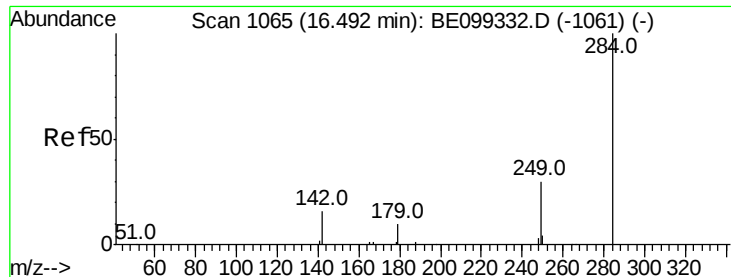


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

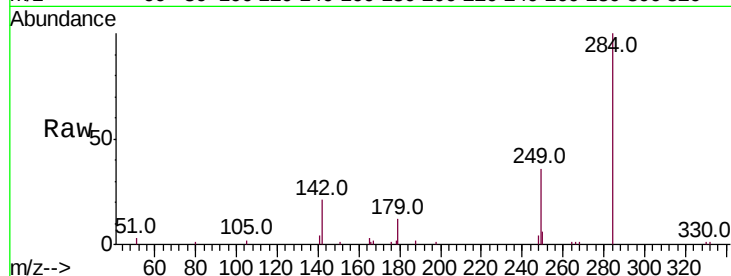
Tot Ion:284 Resp: 6822

Ion Ratio Lower Upper

284 100

142 27.3 21.8 32.6

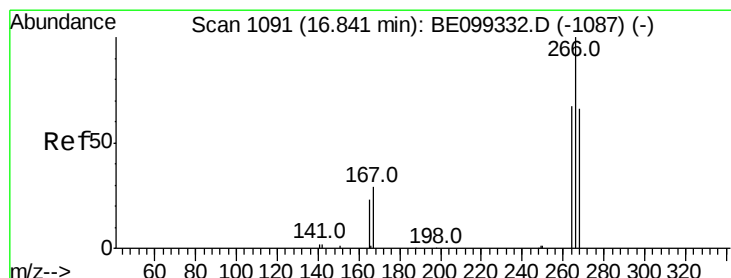
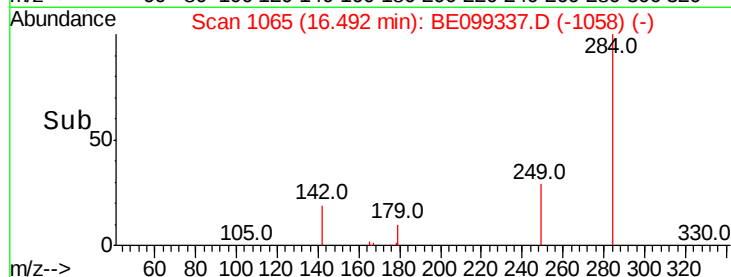
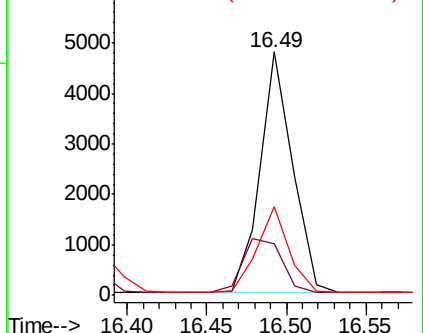
249 34.5 26.2 39.4



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: 0.448 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

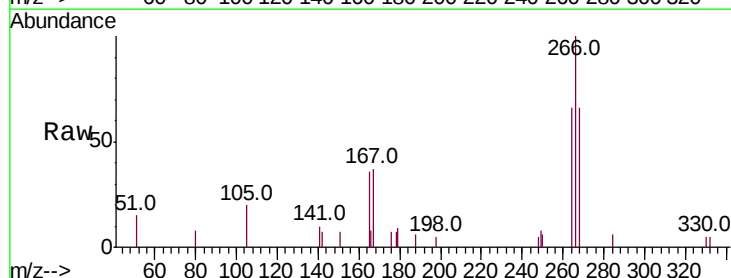
Tgt Ion:266 Resp: 1580

Ion Ratio Lower Upper

266 100

264 65.5 54.5 81.7

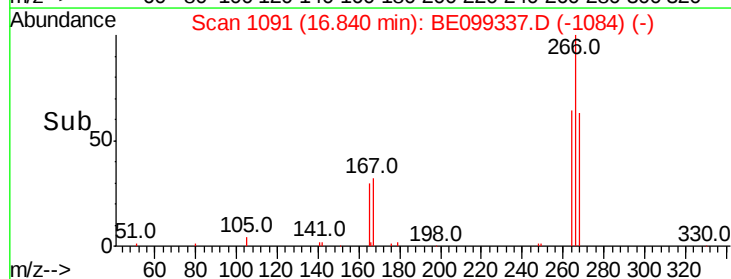
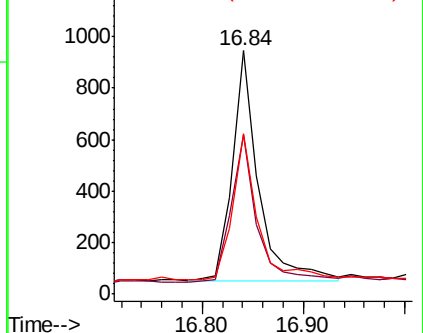
268 66.0 54.3 81.5

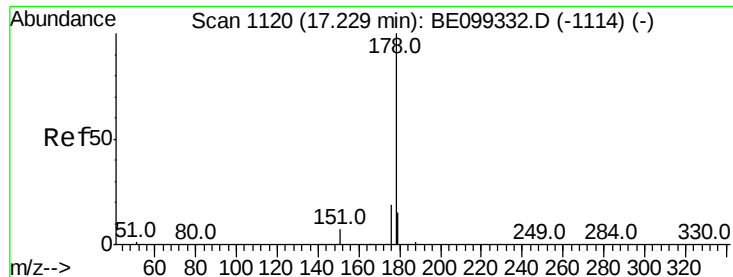


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.406 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

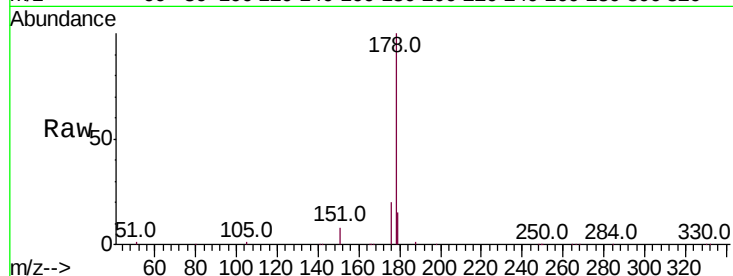
Tot Ion:178 Resp: 34647

Ion Ratio Lower Upper

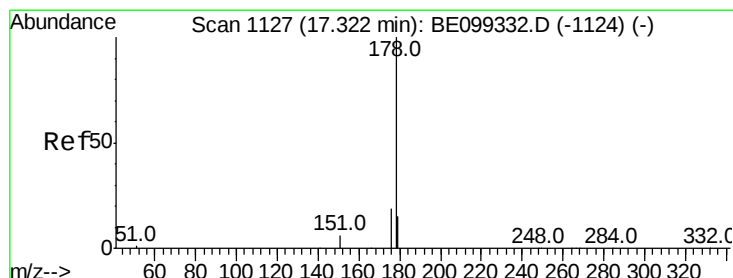
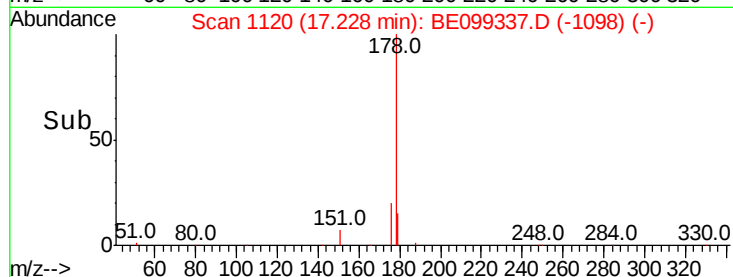
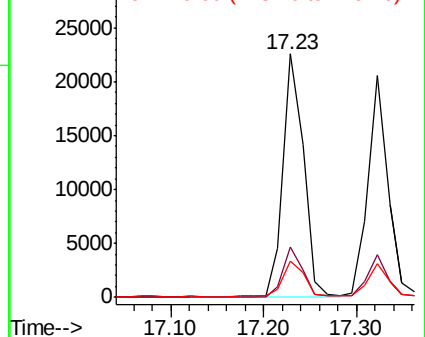
178 100

176 19.2 15.3 22.9

179 15.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.400 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

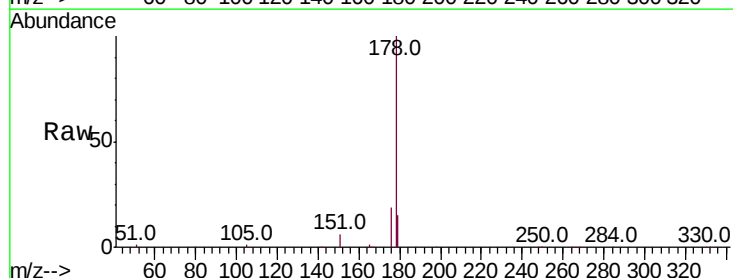
Tgt Ion:178 Resp: 30338

Ion Ratio Lower Upper

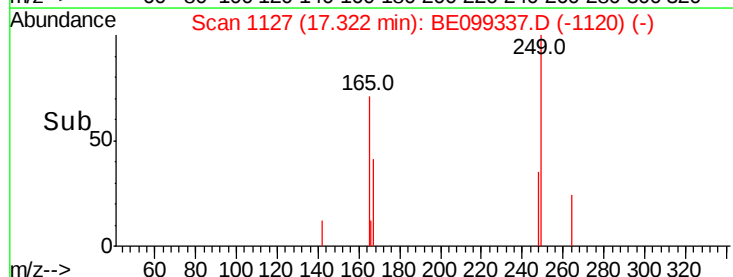
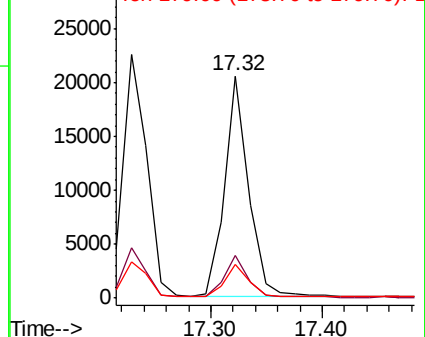
178 100

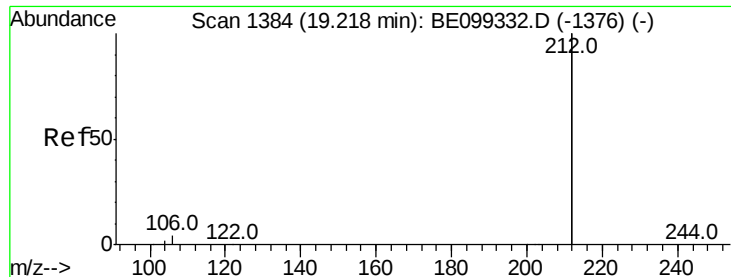
176 18.5 15.1 22.7

179 15.3 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

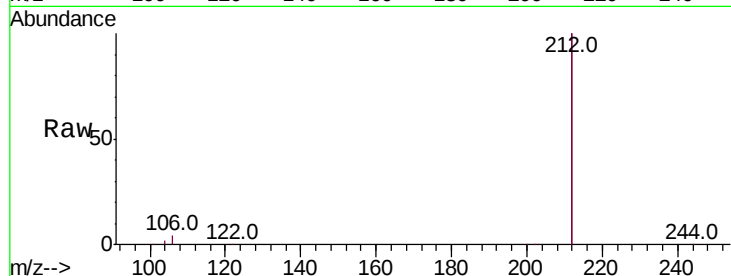
Tot Ion:212 Resp: 147855

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.6

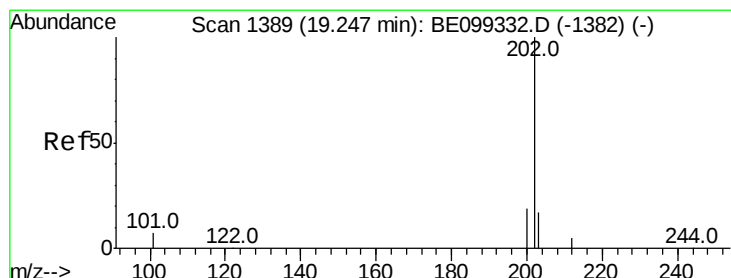
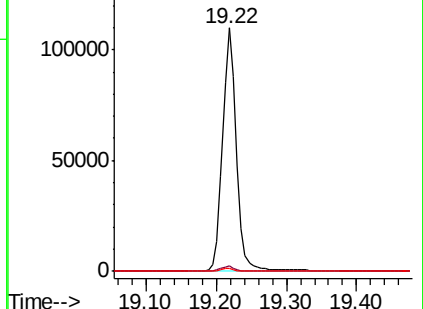
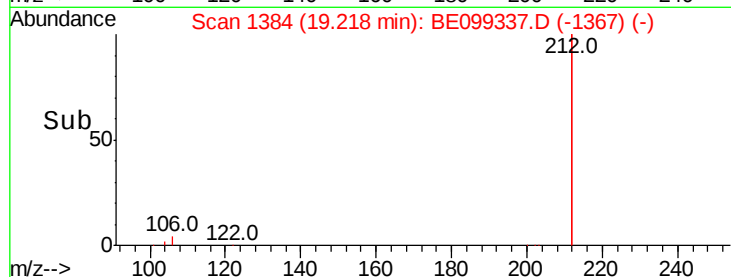
104 1.2 1.0 1.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.385 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

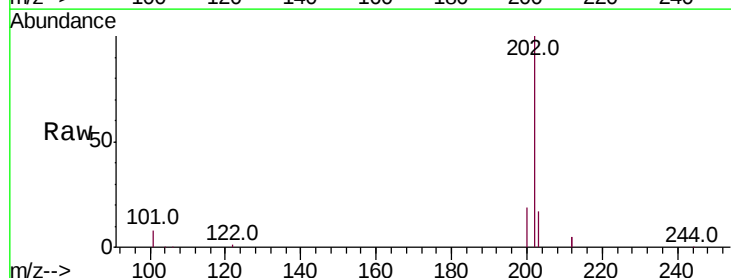
Tgt Ion:202 Resp: 44028

Ion Ratio Lower Upper

202 100

101 7.9 6.4 9.6

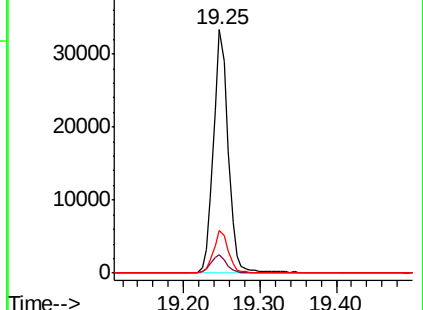
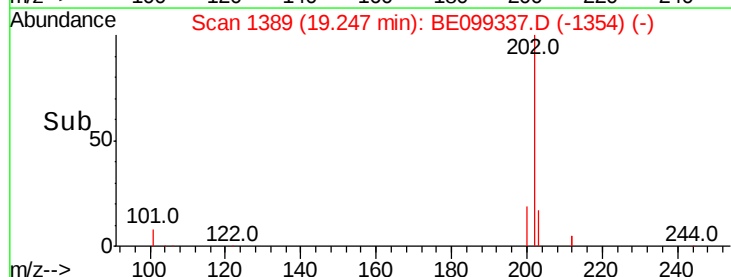
203 17.1 13.5 20.3

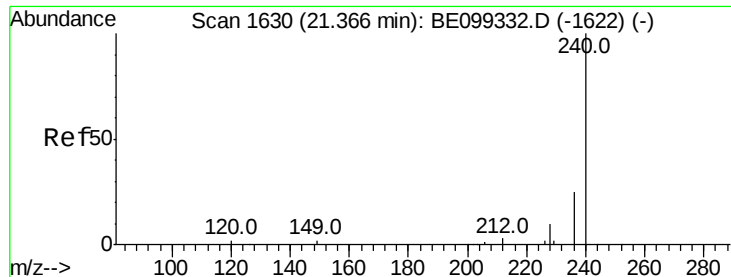


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

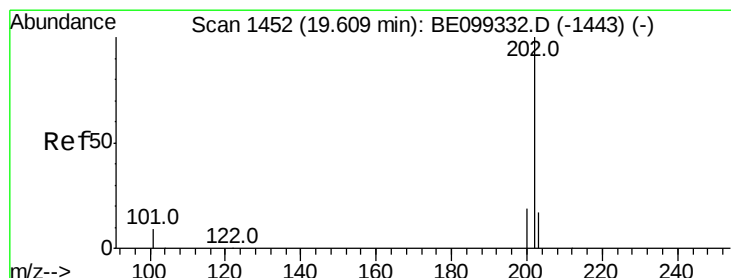
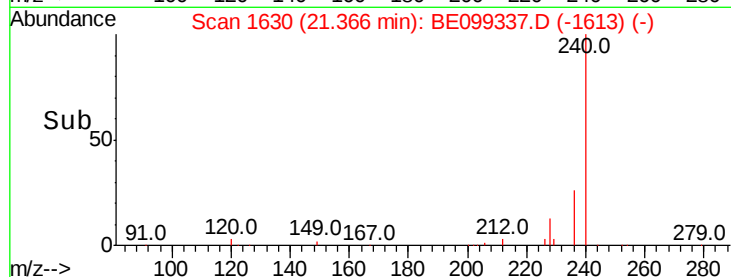
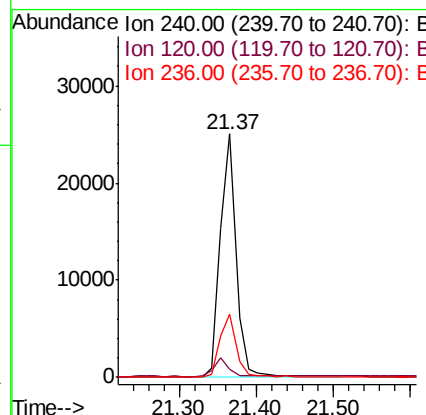
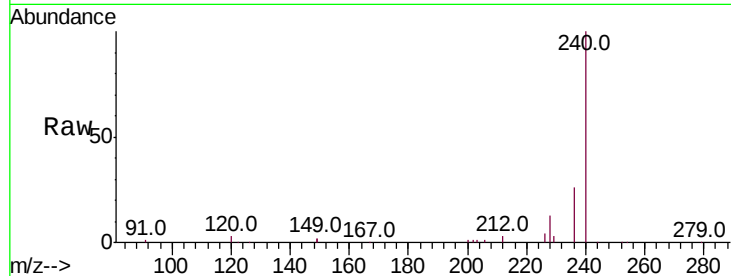




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

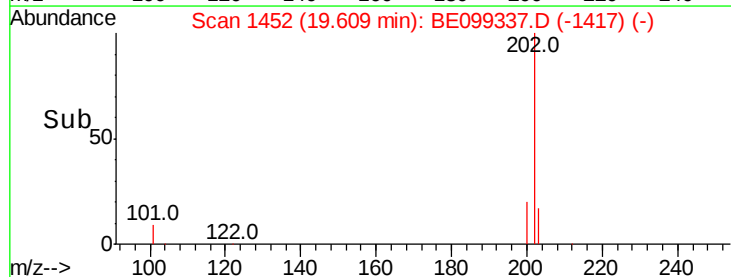
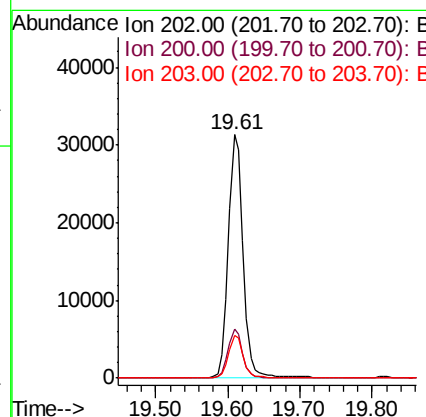
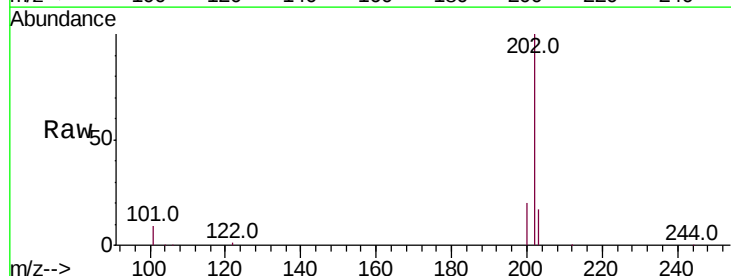
Instrument :
BNA_E
ClientSampleId :
ICVBE041819

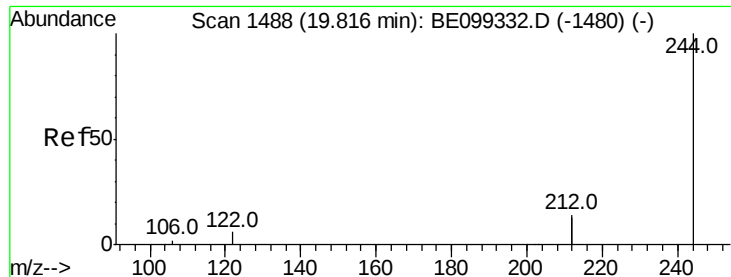
Tot Ion:240 Resp: 36041
Ion Ratio Lower Upper
240 100
120 3.2 2.2 3.2
236 26.0 20.2 30.4



#28
Pyrene
Concen: 0.415 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:202 Resp: 44054
Ion Ratio Lower Upper
202 100
200 19.4 15.7 23.5
203 17.2 13.7 20.5





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

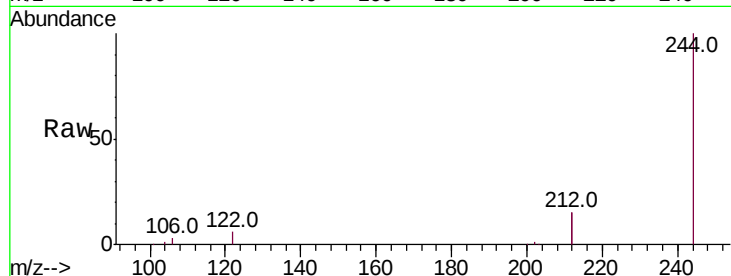
Tot Ion:244 Resp: 29128

Ion Ratio Lower Upper

244 100

212 29.2 22.6 33.8

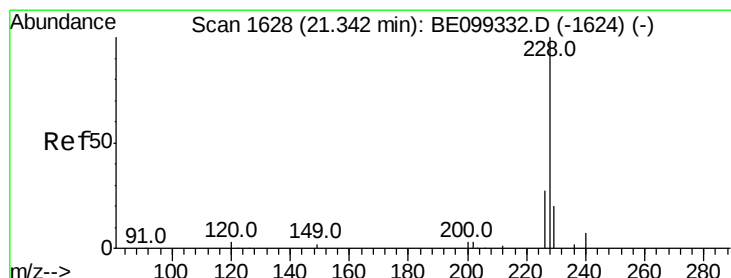
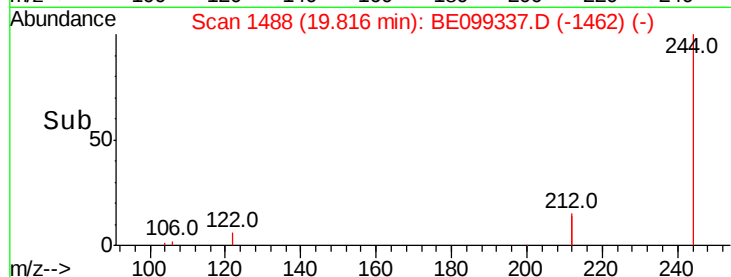
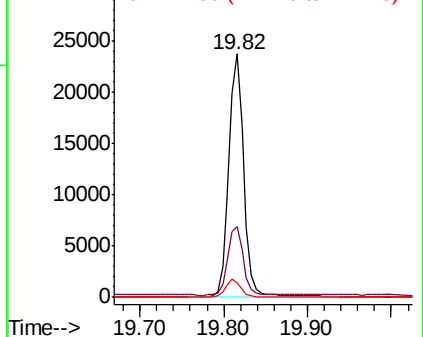
122 6.2 4.6 7.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.411 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

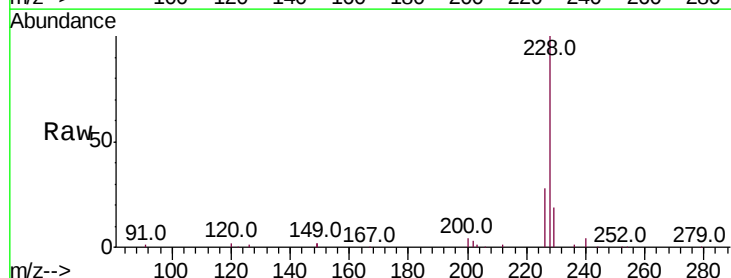
Tgt Ion:228 Resp: 43576

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

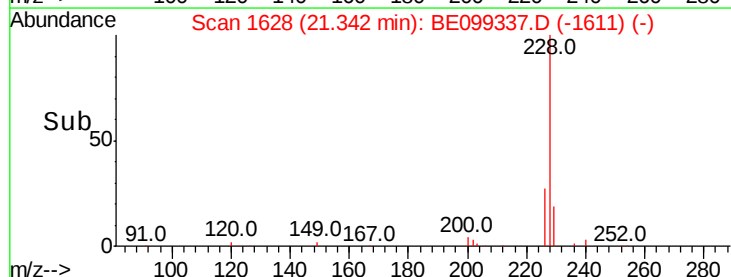
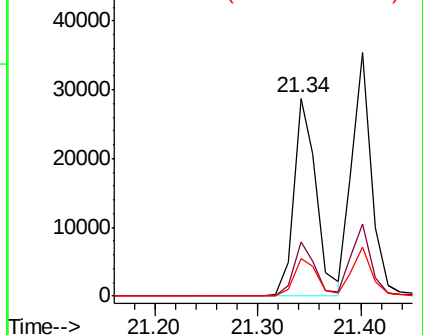
229 19.0 15.8 23.8

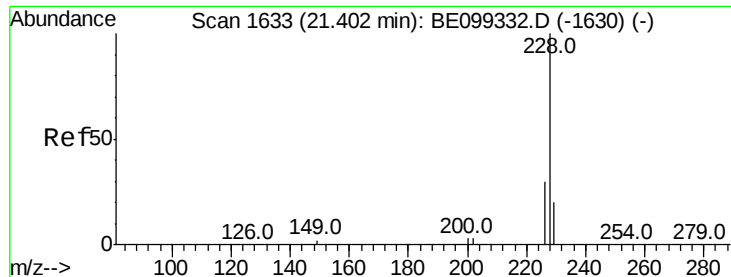


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.408 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

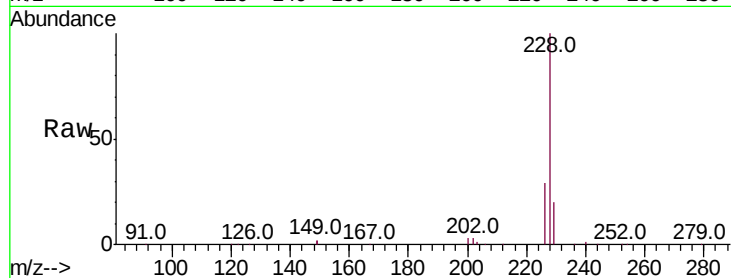
BNA_E

ClientSampleId :

ICVBE041819

Tot Ion:228 Resp: 46057

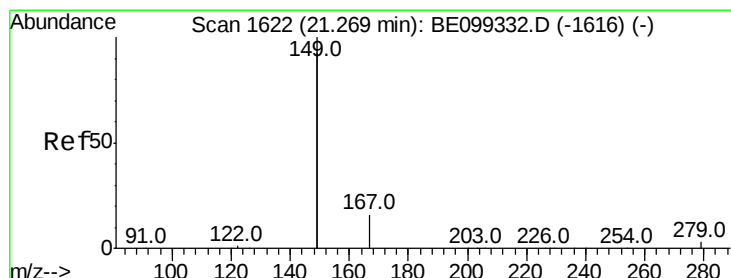
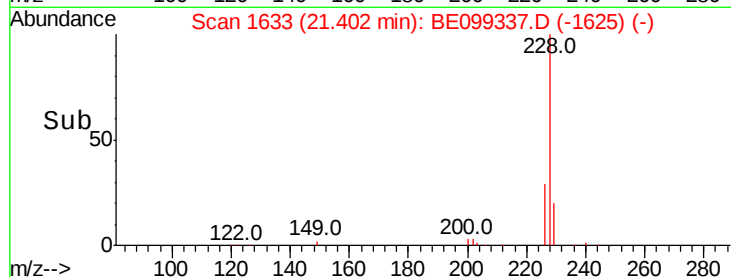
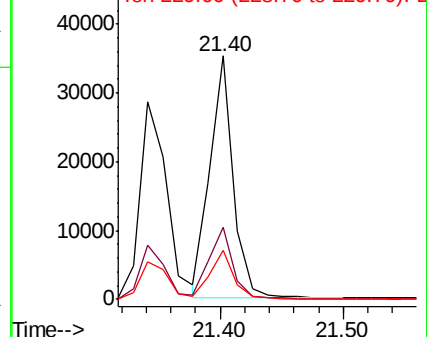
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.9	16.2	24.2



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: 0.362 ng

RT: 21.27 min Scan# 1622

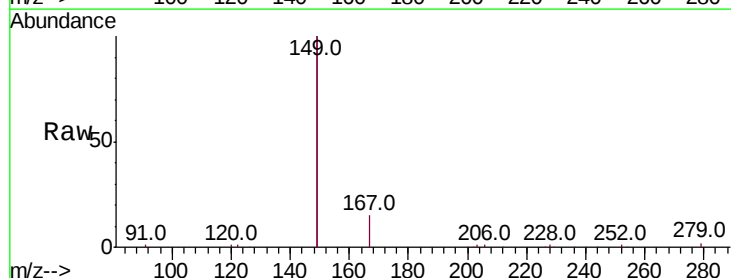
Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Tgt Ion:149 Resp: 34874

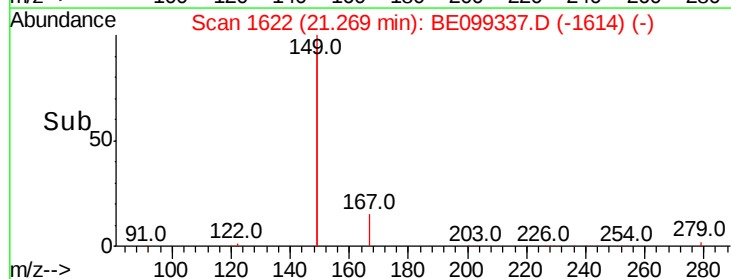
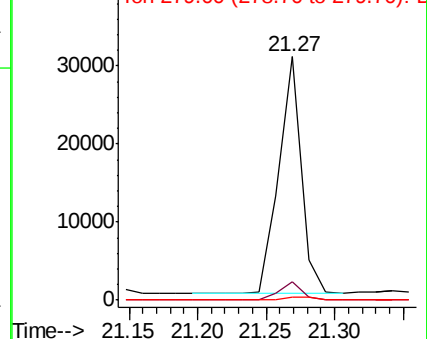
Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.2	1.1	1.7

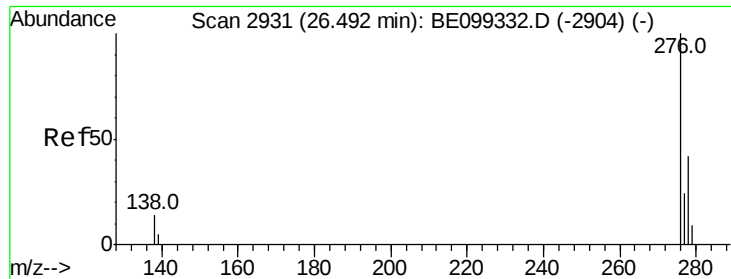


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.418 ng

RT: 26.50 min Scan# 2934

Delta R.T. 0.01 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

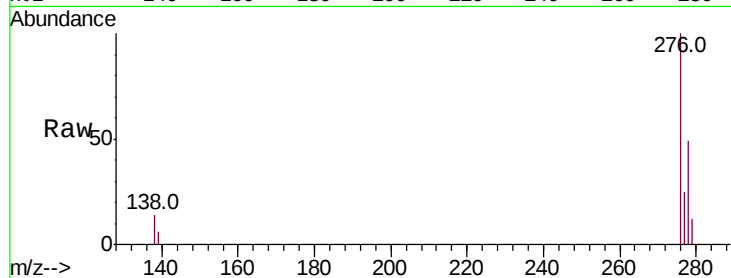
Tot Ion:276 Resp: 46552

Ion Ratio Lower Upper

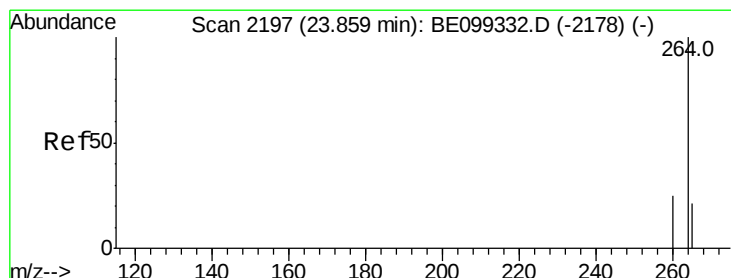
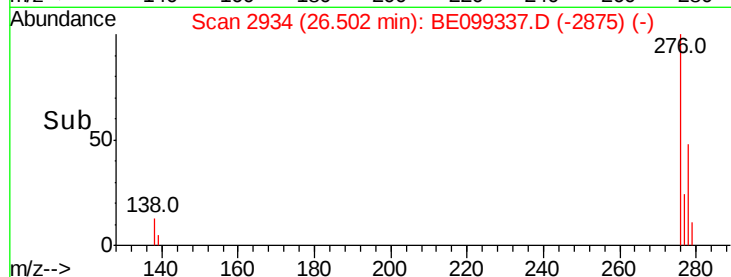
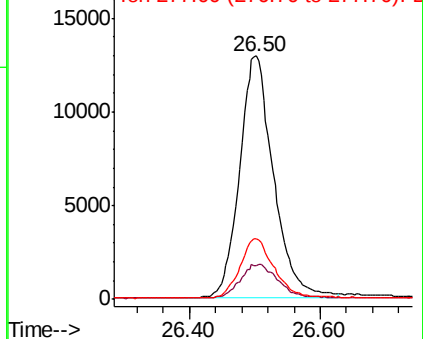
276 100

138 15.5 12.7 19.1

277 24.5 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

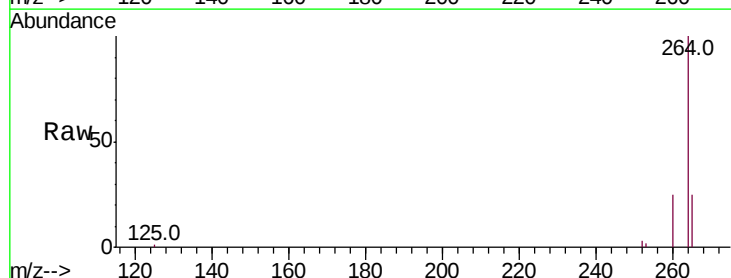
Tgt Ion:264 Resp: 33693

Ion Ratio Lower Upper

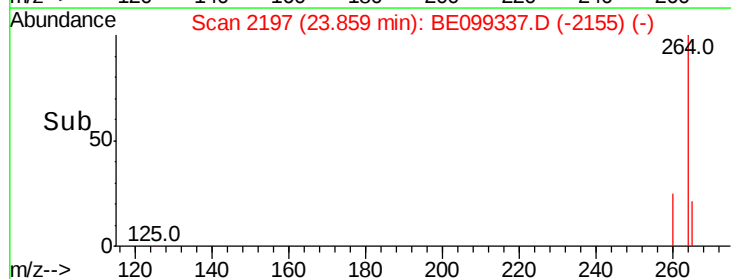
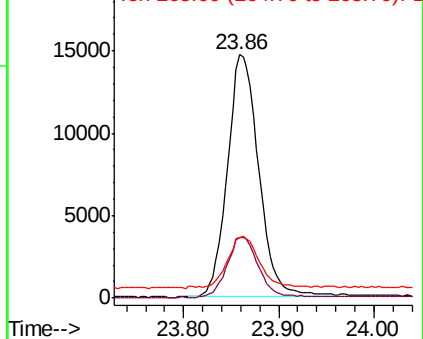
264 100

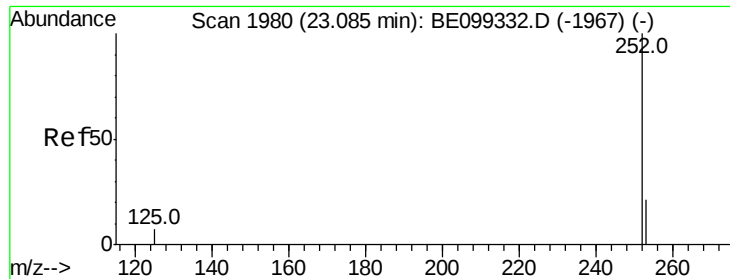
260 25.0 20.1 30.1

265 24.8 19.9 29.9



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

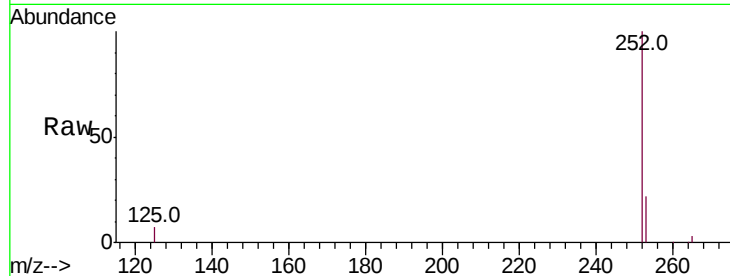




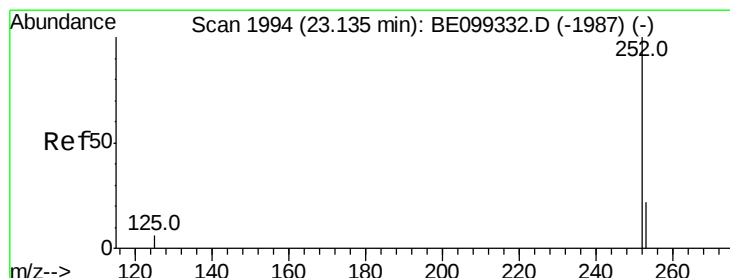
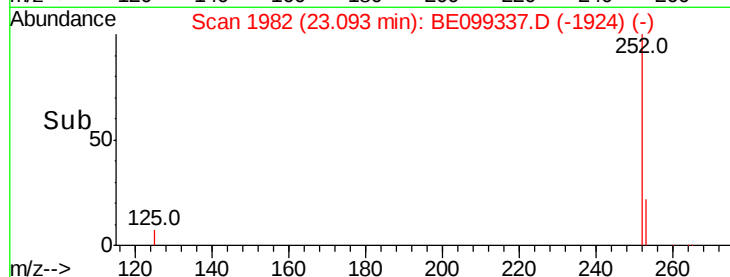
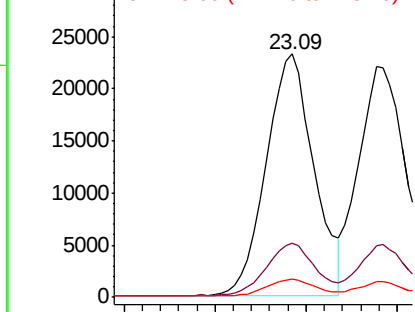
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tot Ion:252 Resp: 42214
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 7.5 5.8 8.6

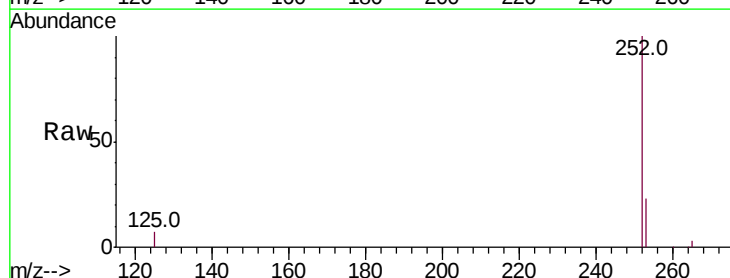


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

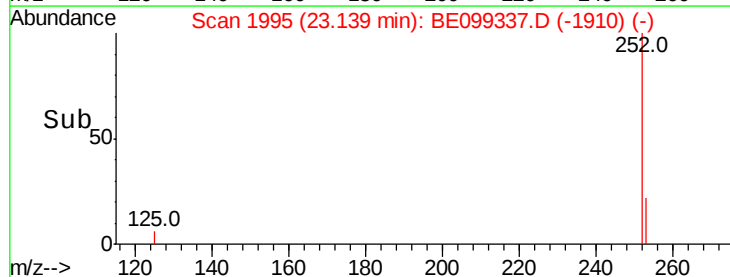
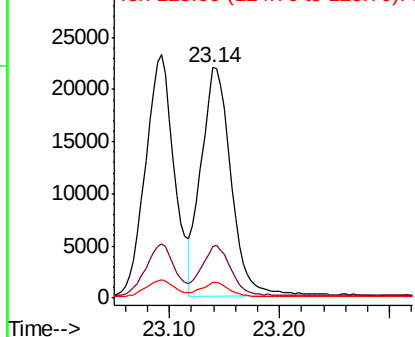


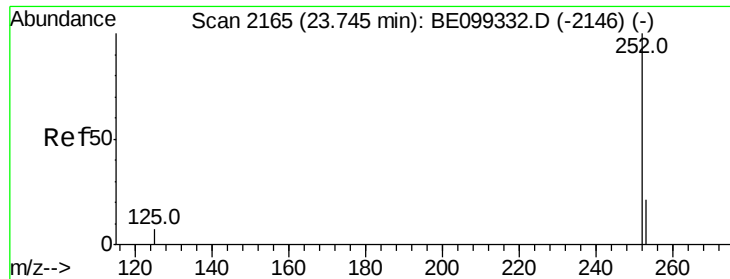
#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:252 Resp: 41136
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 6.9 5.4 8.0



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





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

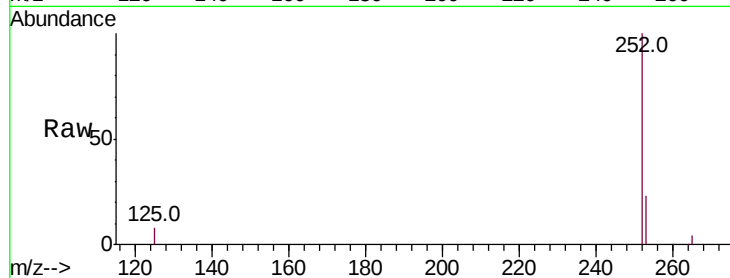
Tot Ion:252 Resp: 36515

Ion Ratio Lower Upper

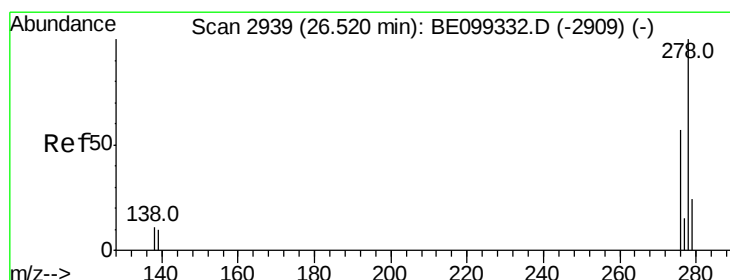
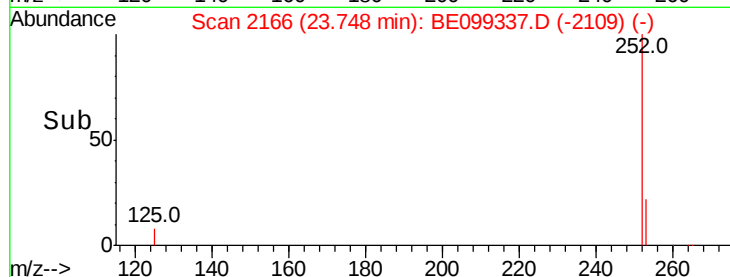
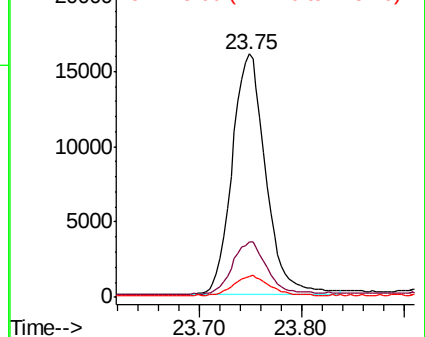
252 100

253 22.8 17.6 26.4

125 8.5 6.5 9.7



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



#38

Dibenzo(a,h)anthracene

Concen: 0.406 ng

RT: 26.52 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

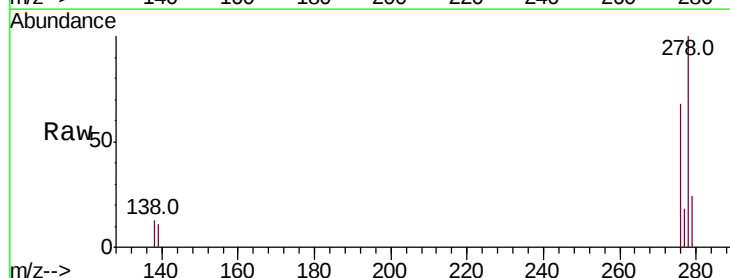
Tgt Ion:278 Resp: 38344

Ion Ratio Lower Upper

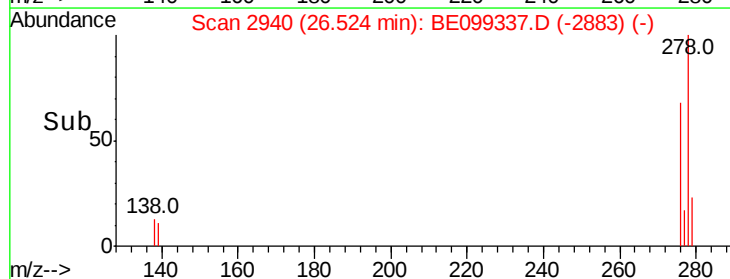
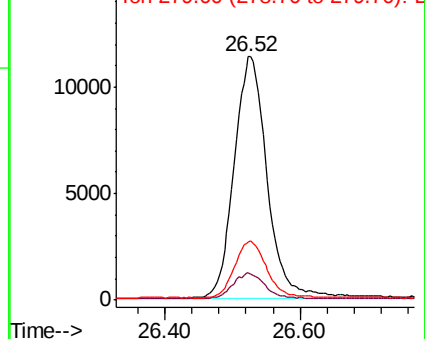
278 100

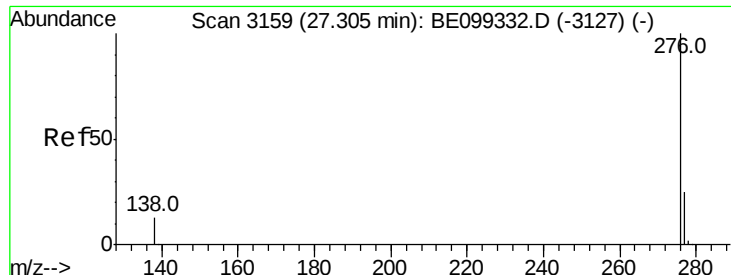
139 11.0 8.5 12.7

279 24.1 19.8 29.8



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





#39

Benzo(a,h,i)perylene

Concen: 0.405 ng

RT: 27.31 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BE099337.D

Acq: 18 Apr 2019 14:46

Instrument :

BNA_E

ClientSampleId :

ICVBE041819

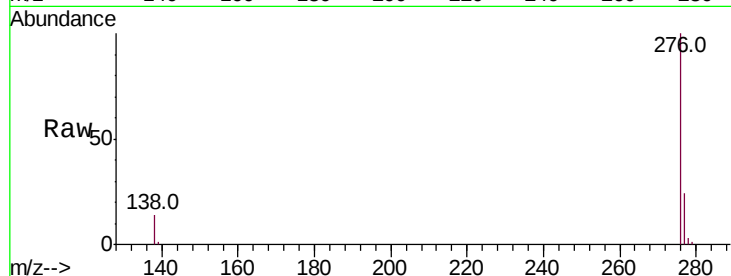
Tot Ion:276 Resp: 38766

Ion Ratio Lower Upper

276 100

277 24.1 20.0 30.0

138 13.7 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

