

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041819\
 Data File : BE099334.D
 Acq On : 18 Apr 2019 11:41
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Apr 18 14:02:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:54:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3832	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14536	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	10863	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29555	0.40	ng	0.00
27) Chrysene-d12	21.37	240	37484	0.40	ng	0.00
34) Perylene-d12	23.86	264	32524	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	15159	1.49	ng	0.00
5) Phenol-d6	6.97	99	21166	1.51	ng	0.00
8) Nitrobenzene-d5	8.96	82	18530	1.86	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	41542	1.64	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	6908	1.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	65456	1.53	ng	0.00
25) Fluoranthene-d10	19.22	212	575404	1.48	ng	0.00
29) Terphenyl-d14	19.81	244	115118	1.68	ng	0.00

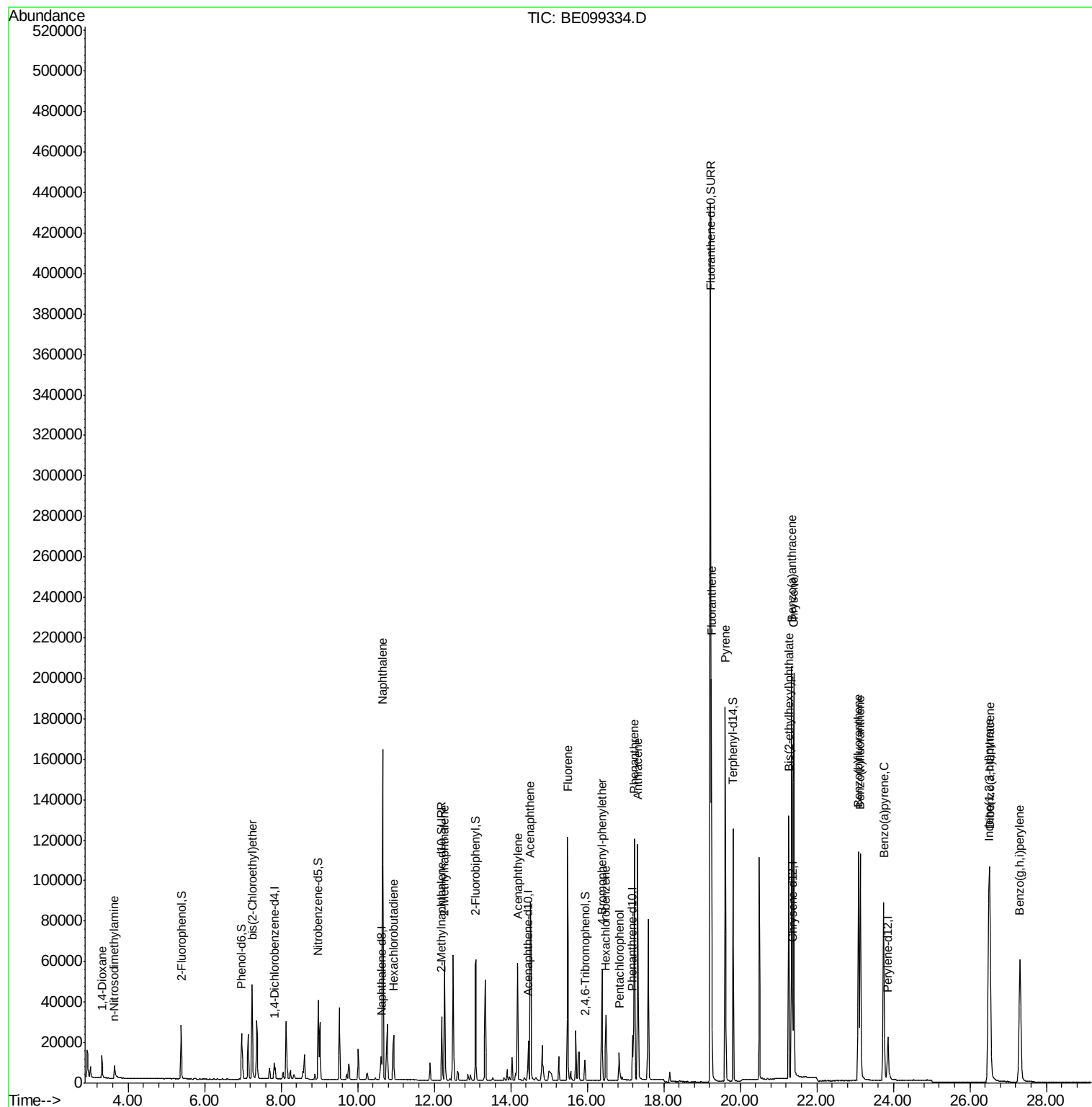
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	8318	1.593	ng	96
3) n-Nitrosodimethylamine	3.64	42	4740	1.538	ng	# 97
6) bis(2-Chloroethyl)ether	7.24	93	19918	1.587	ng	96
9) Naphthalene	10.65	128	256753	1.624	ng	100
10) Hexachlorobutadiene	10.94	225	15948	1.553	ng	97
12) 2-Methylnaphthalene	12.27	142	44367	1.649	ng	97
16) Acenaphthylene	14.18	152	77830	1.512	ng	99
17) Acenaphthene	14.52	154	46855	1.543	ng	98
18) Fluorene	15.49	166	68515	1.562	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	26770	1.596	ng	99
21) Hexachlorobenzene	16.49	284	25546	1.600	ng	98
22) Pentachlorophenol	16.84	266	7706	1.162	ng	92
23) Phenanthrene	17.23	178	124771	1.631	ng	99
24) Anthracene	17.32	178	115393	1.600	ng	99
26) Fluoranthene	19.25	202	172541	1.529	ng	99
28) Pyrene	19.61	202	171859	1.736	ng	99
30) Benzo(a)anthracene	21.34	228	172665	1.463	ng	99
31) Chrysene	21.40	228	185775	1.605	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	152874	1.016	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	179616	1.358	ng	100
35) Benzo(b)fluoranthene	23.09	252	159945	1.648	ng	99
36) Benzo(k)fluoranthene	23.14	252	161881	1.714	ng	99
37) Benzo(a)pyrene	23.74	252	143539	1.573	ng	98
38) Dibenzo(a,h)anthracene	26.52	278	147627	1.627	ng	98
39) Benzo(g,h,i)perylene	27.31	276	149576	1.654	ng	98

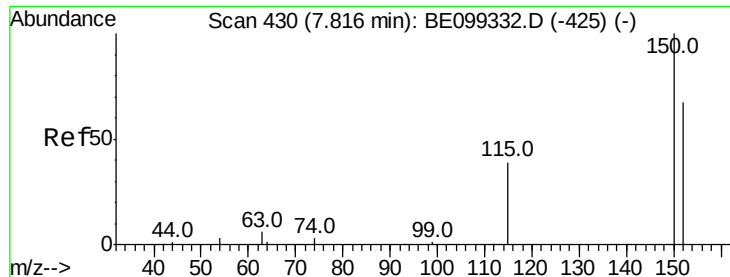
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:54:27 2019
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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: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

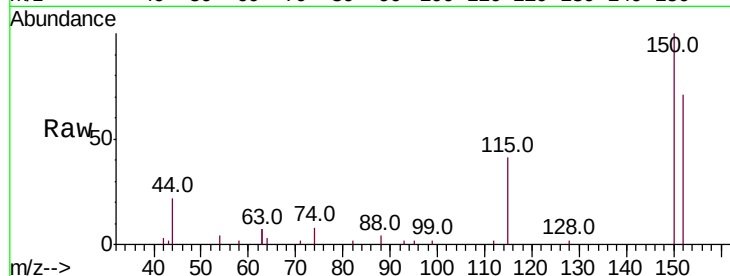
Tot Ion:152 Resp: 3832

Ion Ratio Lower Upper

152 100

150 140.9 119.5 179.3

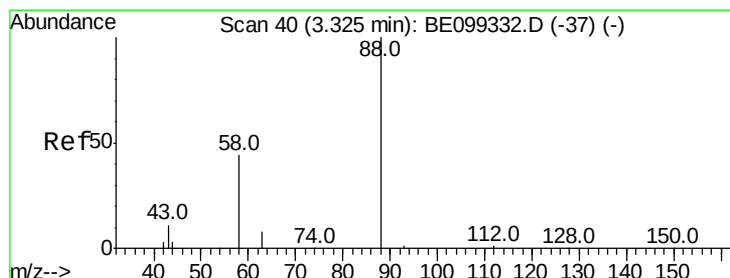
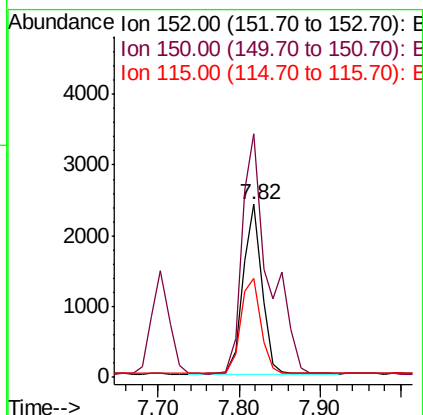
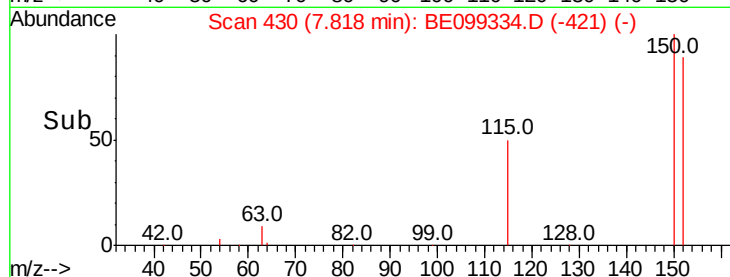
115 57.6 47.5 71.3



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: 1.593 ng

RT: 3.32 min Scan# 39

Delta R.T. -0.01 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

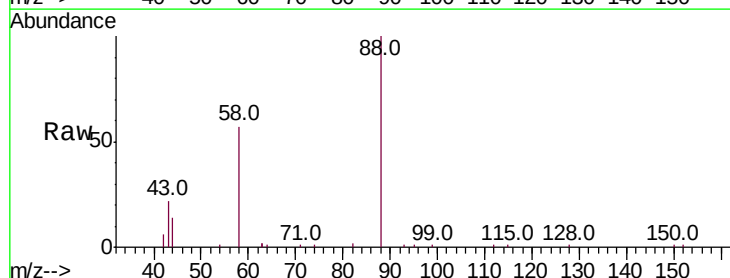
Tgt Ion: 88 Resp: 8318

Ion Ratio Lower Upper

88 100

58 58.2 49.1 73.7

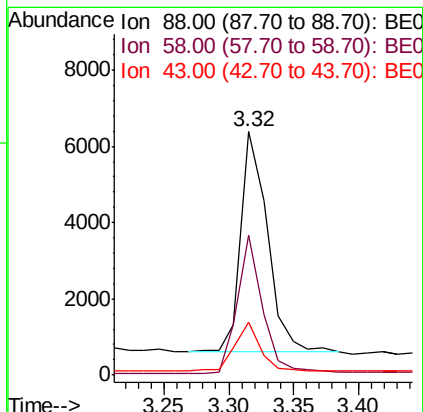
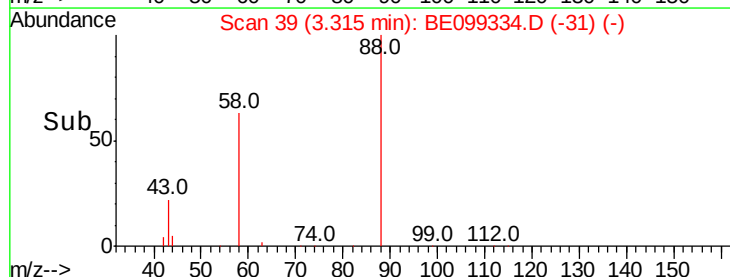
43 20.7 17.9 26.9

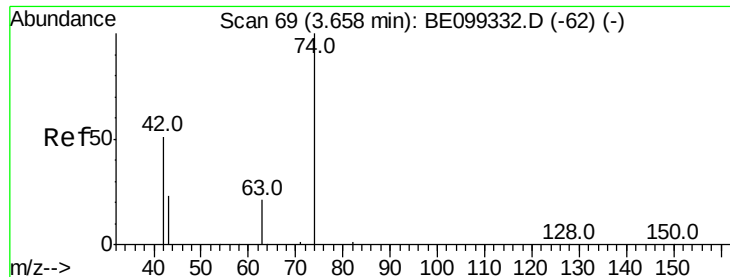


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.538 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.02 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

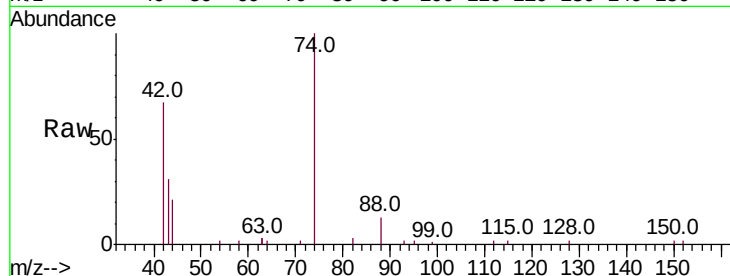
Tot Ion: 42 Resp: 4740

Ion Ratio Lower Upper

42 100

74 180.0 145.8 218.8

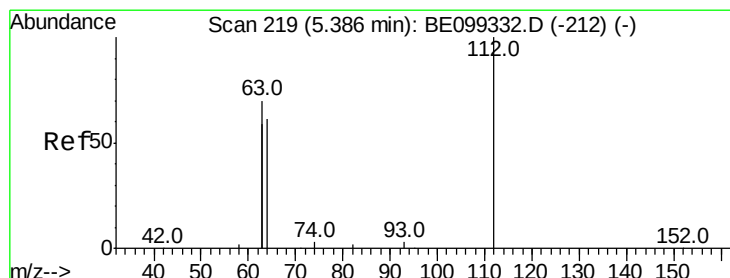
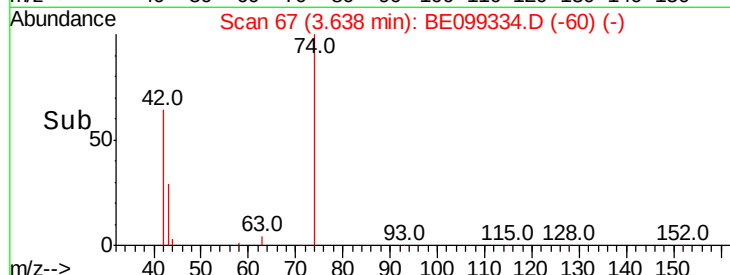
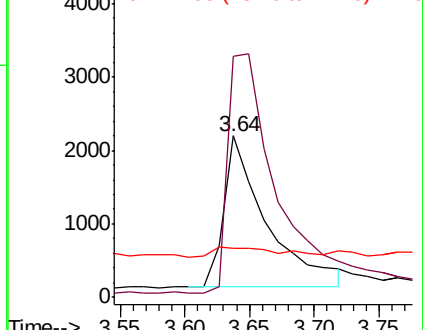
44 0.0 9.0 13.4#



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: 1.489 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

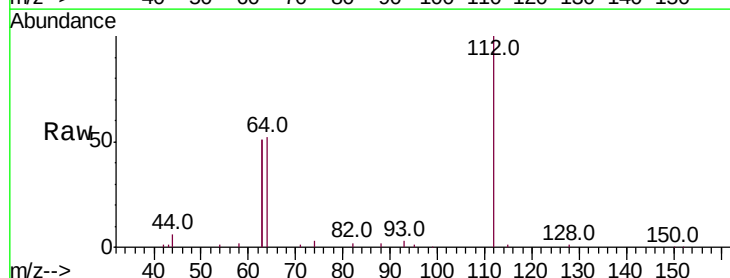
Tgt Ion: 112 Resp: 15159

Ion Ratio Lower Upper

112 100

64 56.4 44.9 67.3

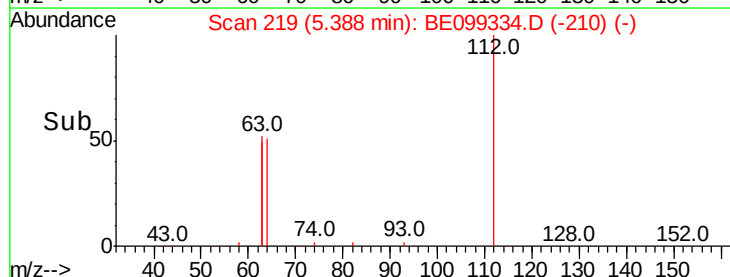
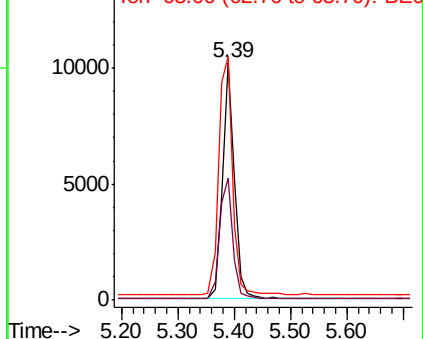
63 116.7 97.4 146.0

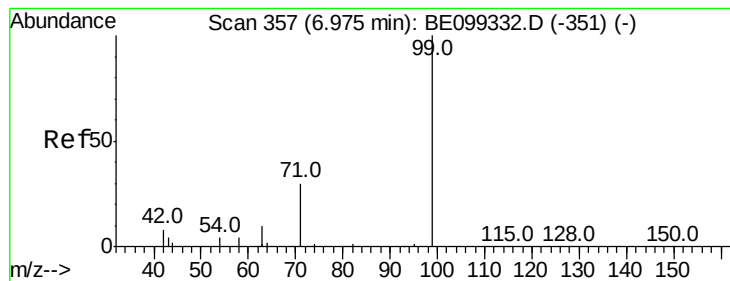


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.512 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

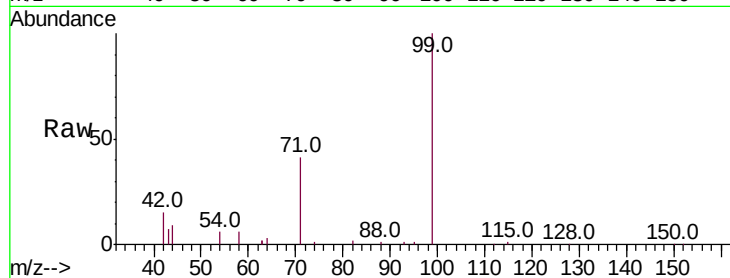
Tot Ion: 99 Resp: 21166

Ion Ratio Lower Upper

99 100

42 14.9 11.7 17.5

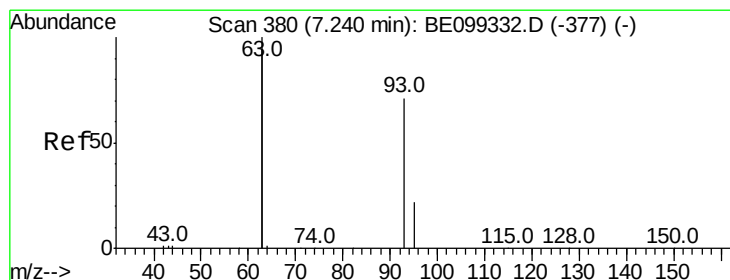
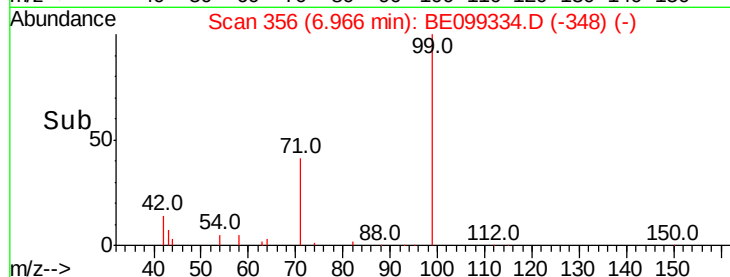
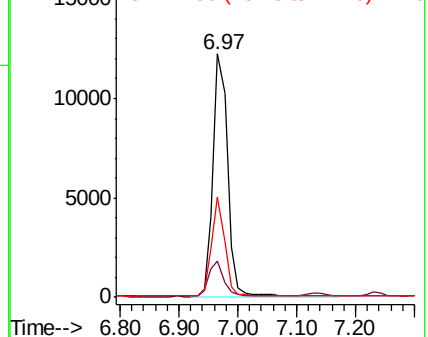
71 36.8 29.6 44.4



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: 1.587 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

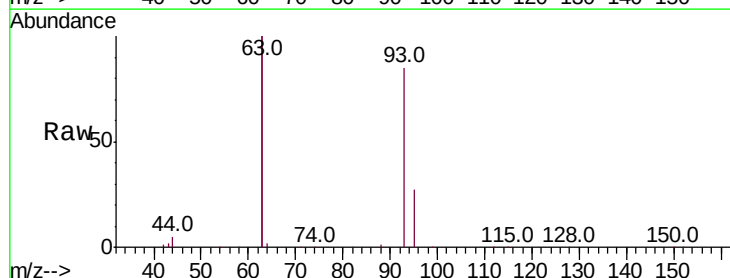
Tgt Ion: 93 Resp: 19918

Ion Ratio Lower Upper

93 100

63 278.9 216.6 324.8

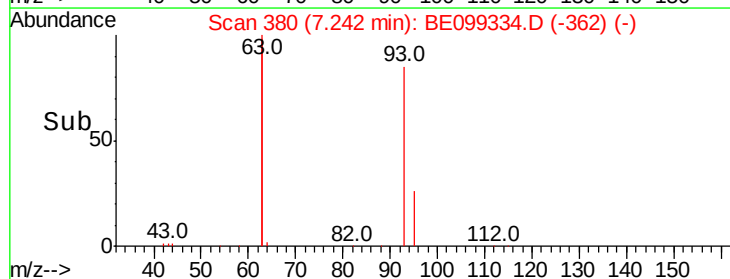
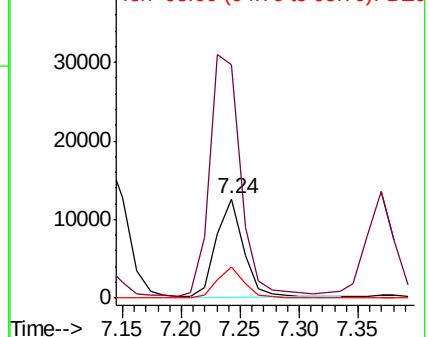
95 31.0 25.8 38.6

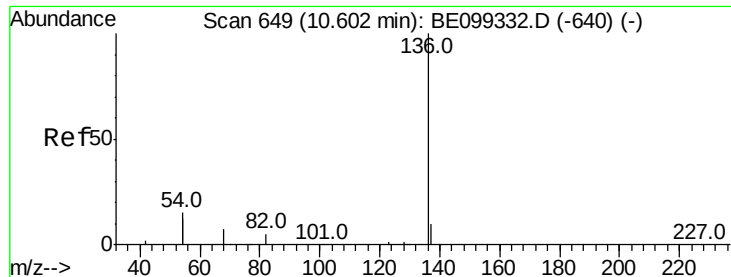


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 14536

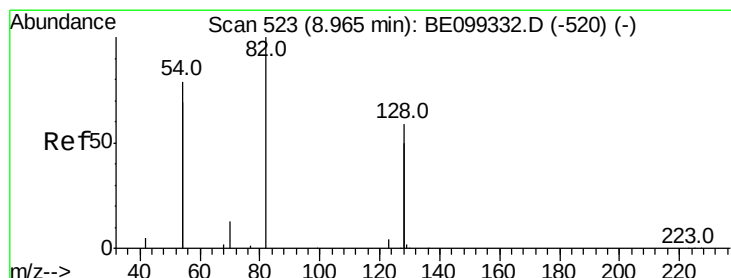
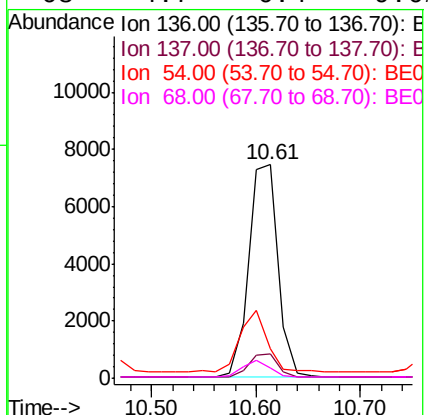
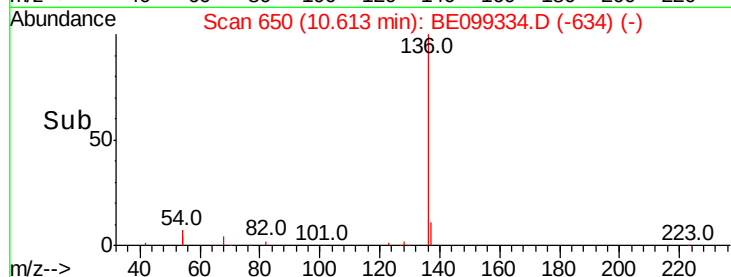
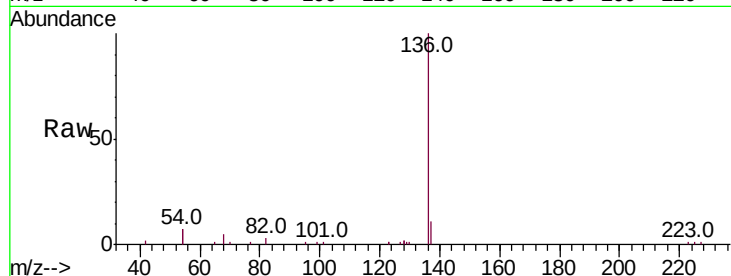
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 13.5 23.8 35.8#

68 4.7 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 1.857 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

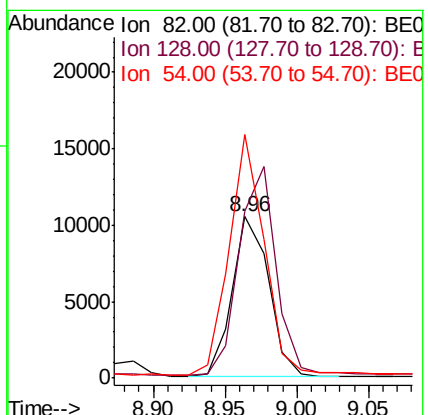
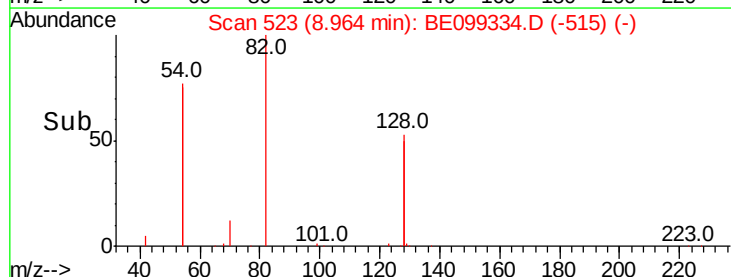
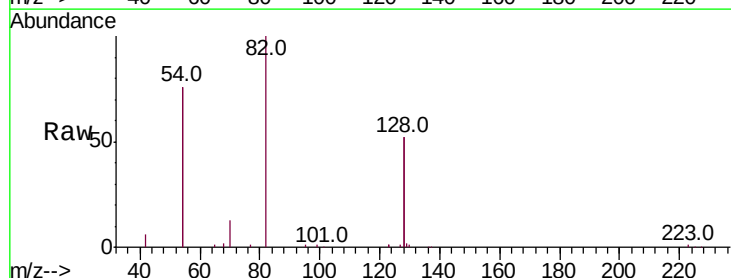
Tgt Ion: 82 Resp: 18530

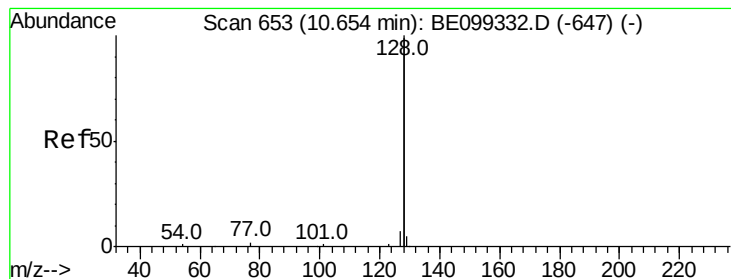
Ion Ratio Lower Upper

82 100

128 103.6 91.7 137.5

54 151.1 122.8 184.2





#9

Naphthalene

Concen: 1.624 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

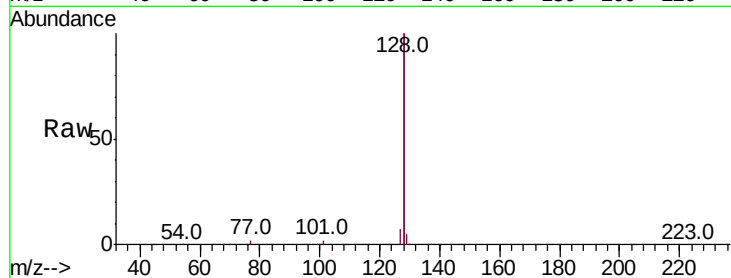
Tot Ion:128 Resp: 256753

Ion Ratio Lower Upper

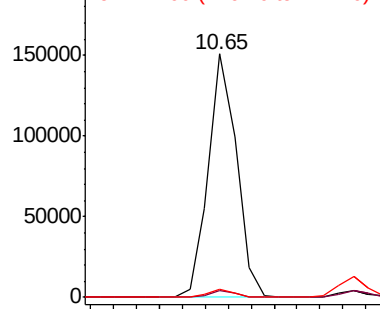
128 100

129 2.7 2.3 3.5

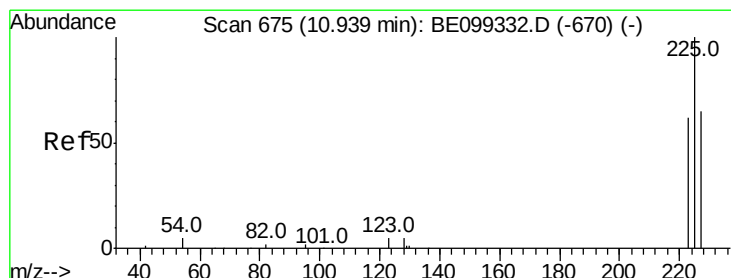
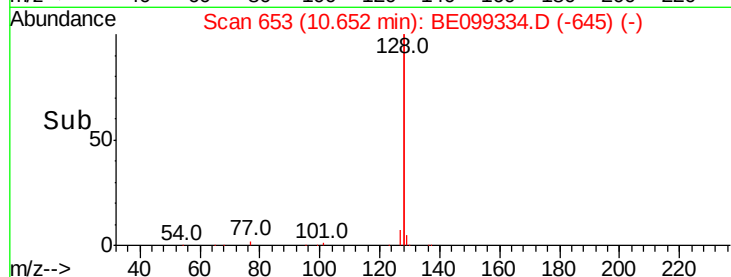
127 3.4 2.8 4.2



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



Time-->



#10

Hexachlorobutadiene

Concen: 1.553 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

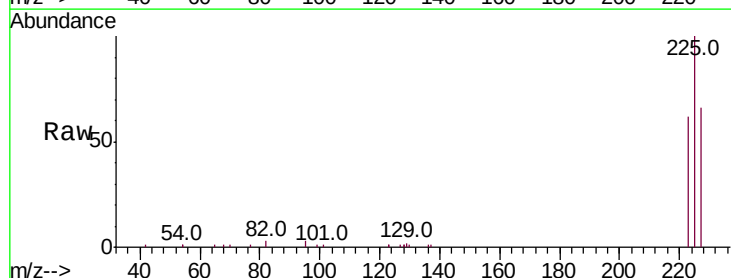
Tgt Ion:225 Resp: 15948

Ion Ratio Lower Upper

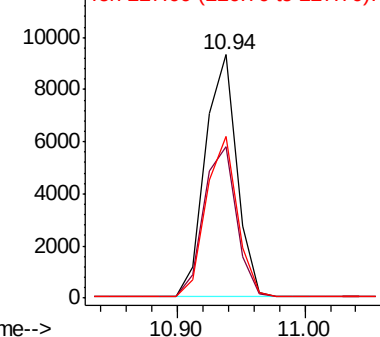
225 100

223 64.1 50.3 75.5

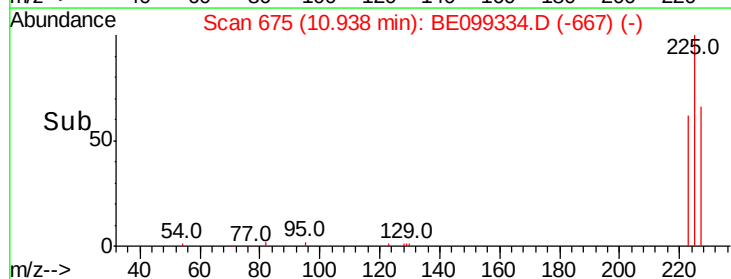
227 65.4 49.4 74.0

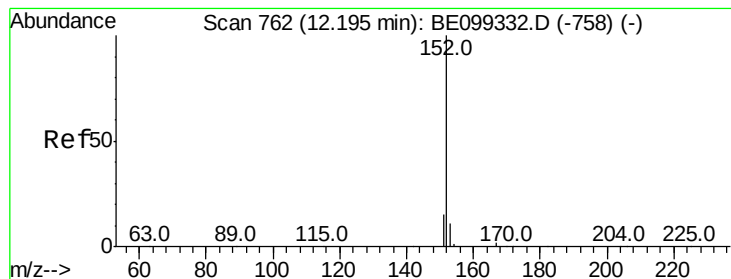


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 1.637 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

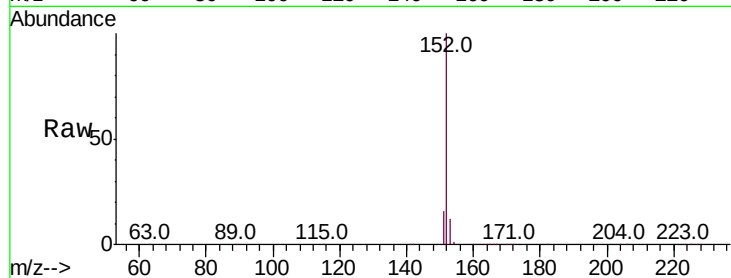
SSTDICC1.6

Tot Ion:152 Resp: 41542

Ion Ratio Lower Upper

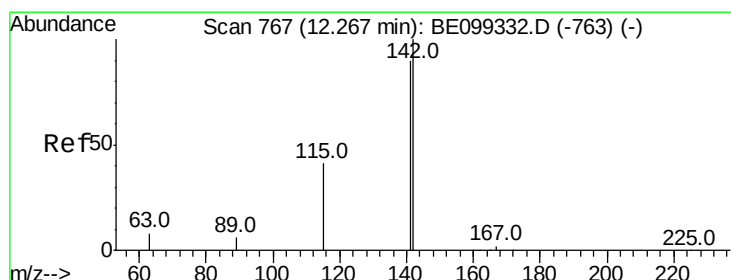
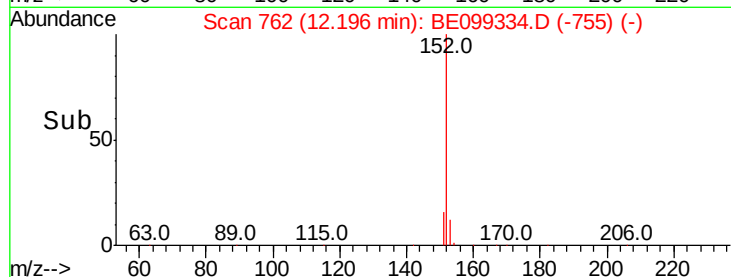
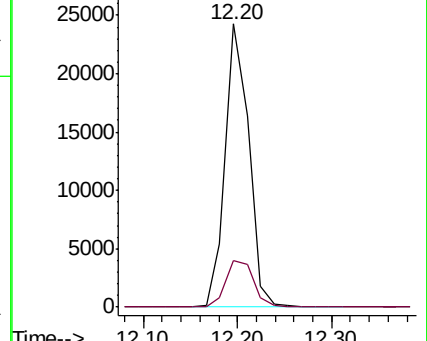
152 100

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: 1.649 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

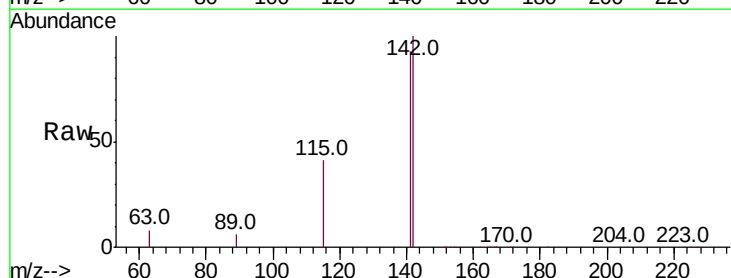
Tgt Ion:142 Resp: 44367

Ion Ratio Lower Upper

142 100

141 93.0 72.0 108.0

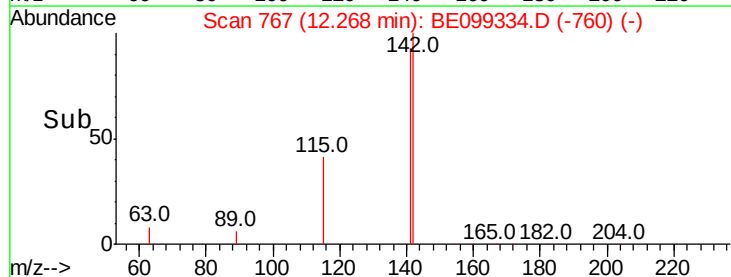
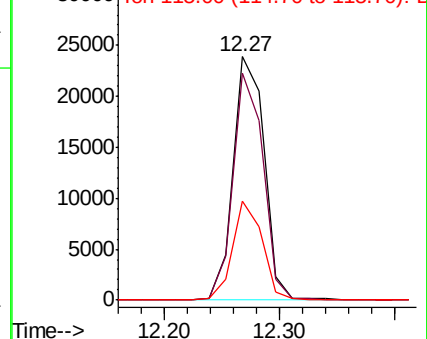
115 40.8 33.4 50.0

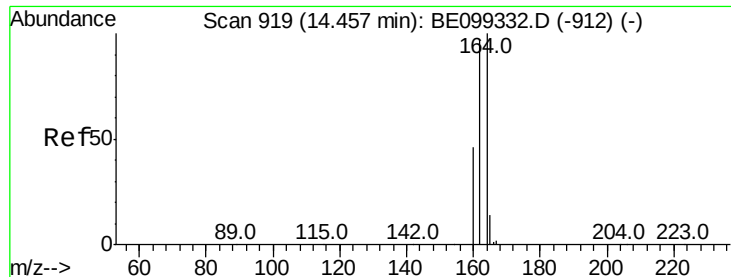


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

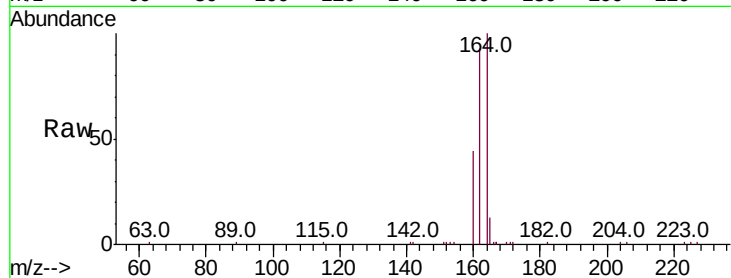




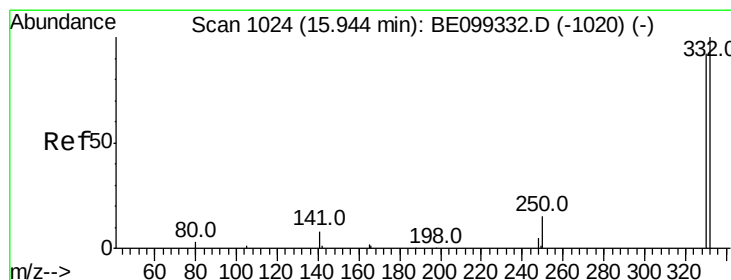
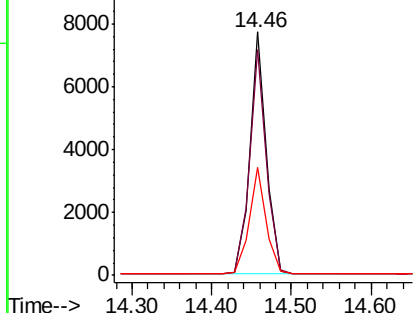
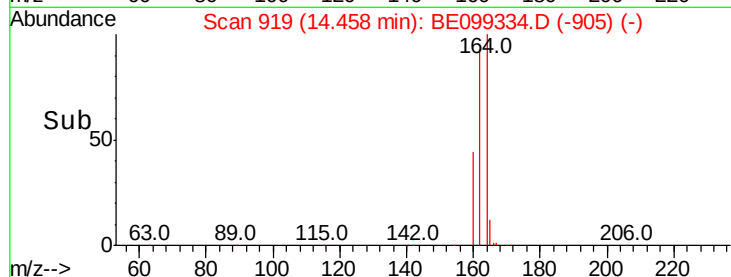
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099334.D
Acq: 18 Apr 2019 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:164 Resp: 10863
Ion Ratio Lower Upper
164 100
162 92.8 77.8 116.6
160 44.4 37.1 55.7

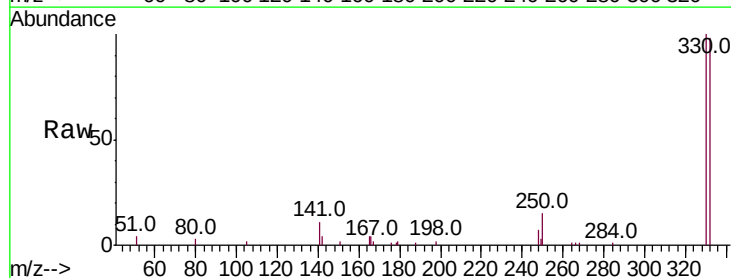


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

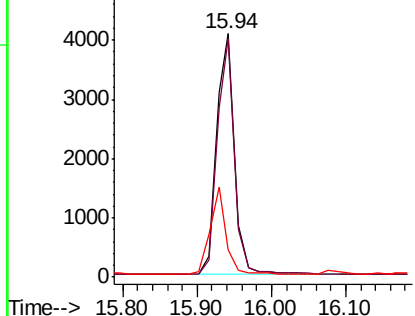
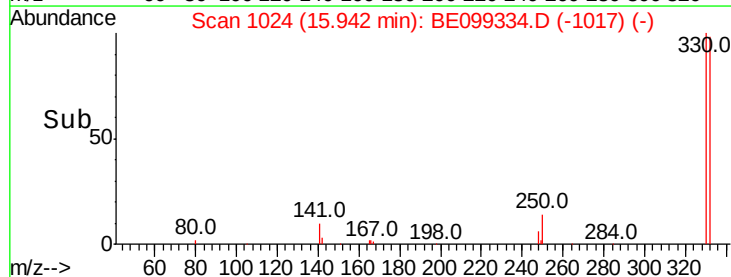


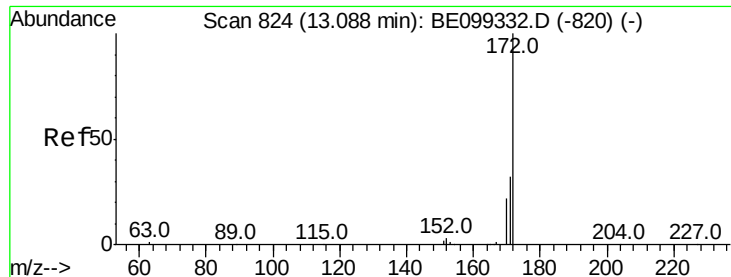
#14
2,4,6-Tribromophenol
Concen: 1.380 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099334.D
Acq: 18 Apr 2019 11:41

Tgt Ion:330 Resp: 6908
Ion Ratio Lower Upper
330 100
332 94.4 82.5 123.7
141 31.4 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: 1.533 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

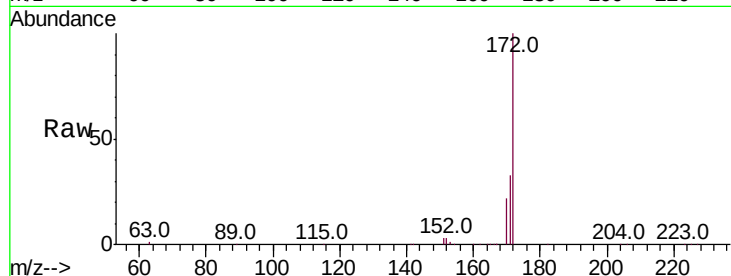
BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:172 Resp: 65456

Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.2	39.2
170	21.8	18.1	27.1

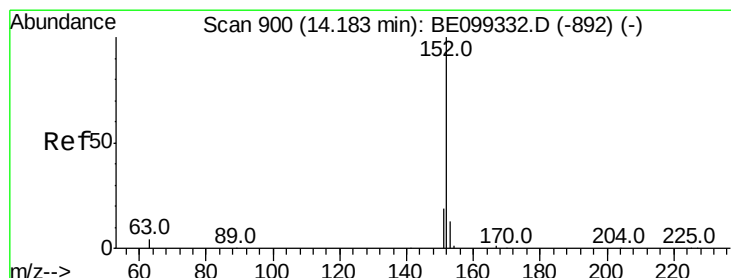
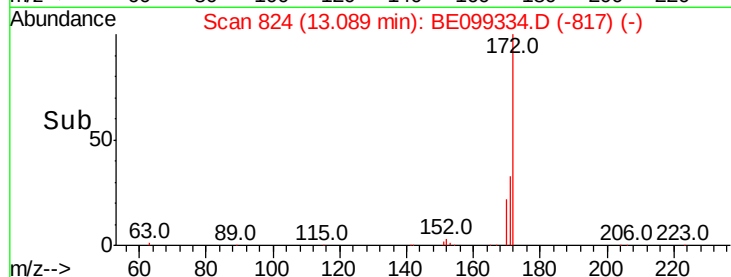
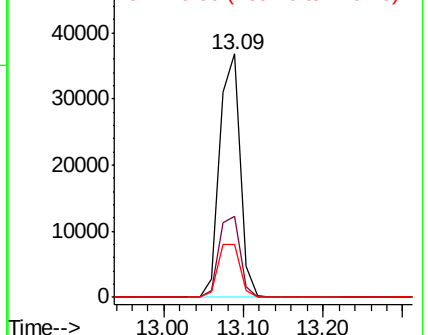


Abundance

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: 1.512 ng

RT: 14.18 min Scan# 900

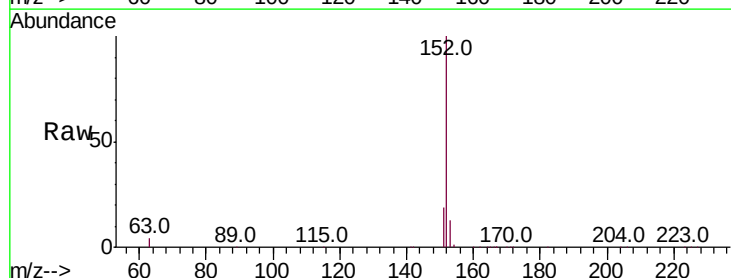
Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Tgt Ion:152 Resp: 77830

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.2	15.4

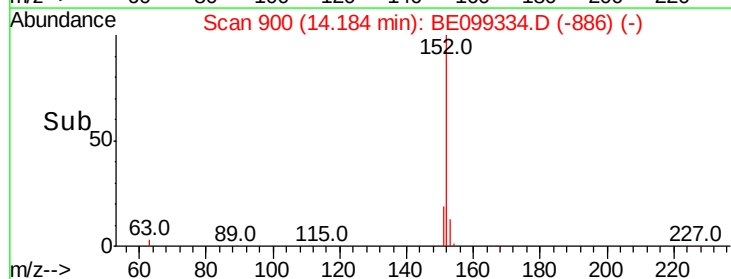
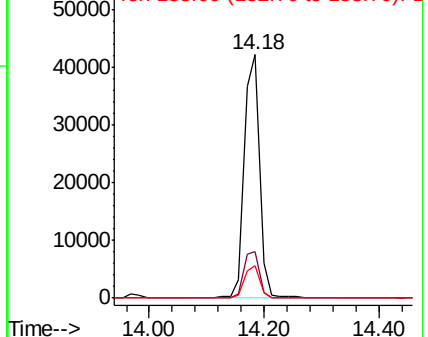


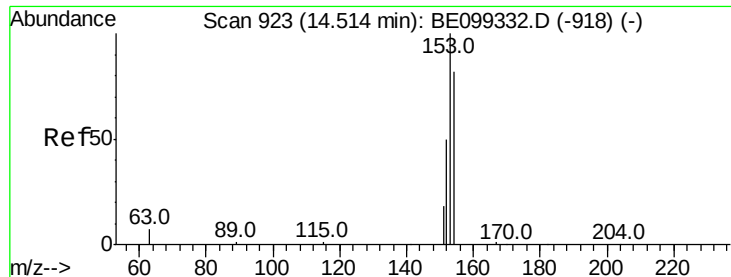
Abundance

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: 1.543 ng

RT: 14.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

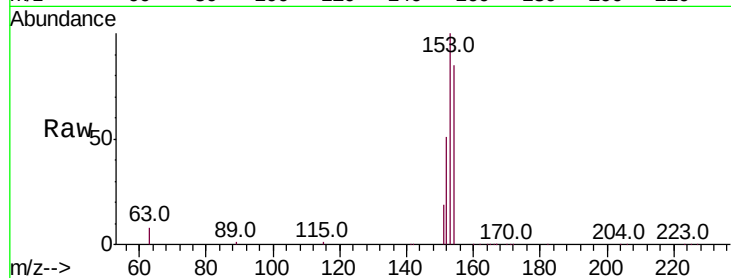
Tot Ion:154 Resp: 46855

Ion Ratio Lower Upper

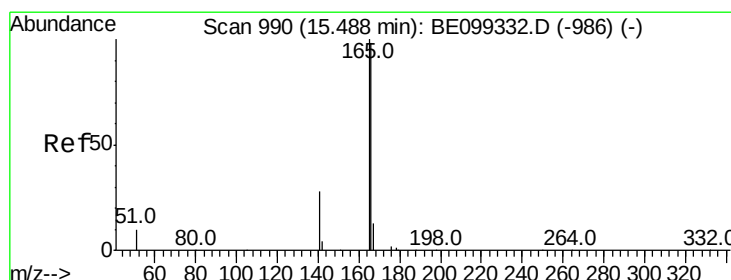
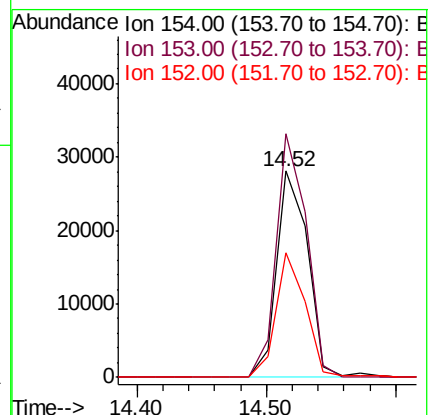
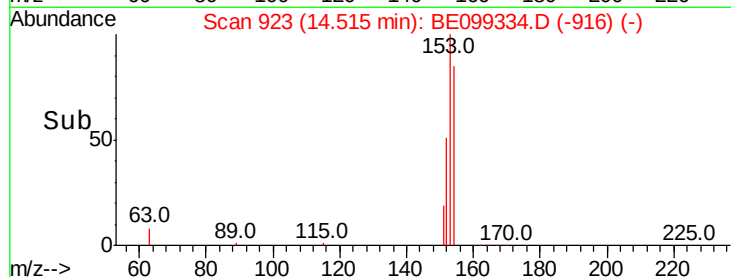
154 100

153 115.2 94.7 142.1

152 57.0 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: 1.562 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

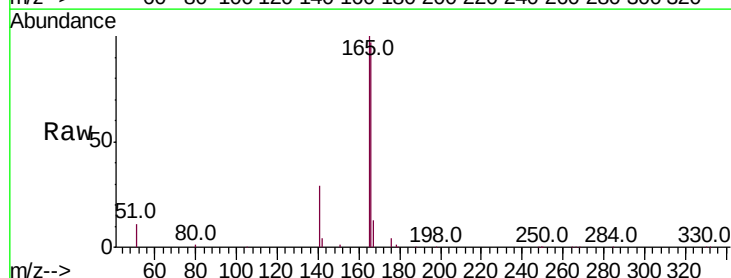
Tgt Ion:166 Resp: 68515

Ion Ratio Lower Upper

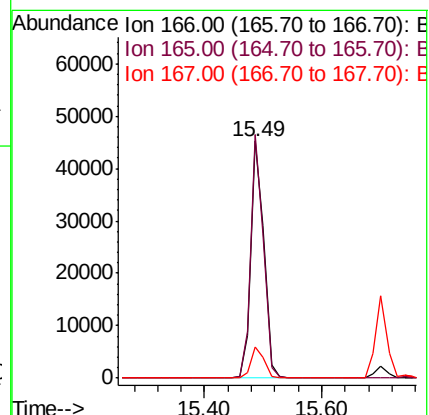
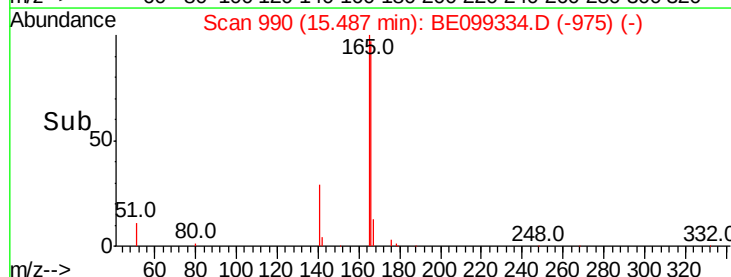
166 100

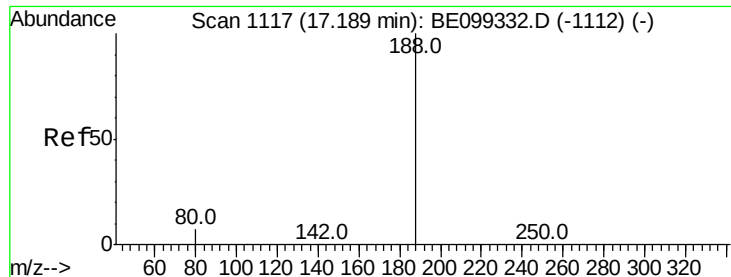
165 100.5 79.7 119.5

167 13.3 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: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

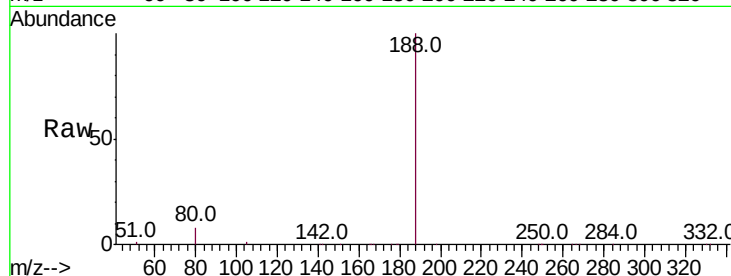
Tot Ion:188 Resp: 29555

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

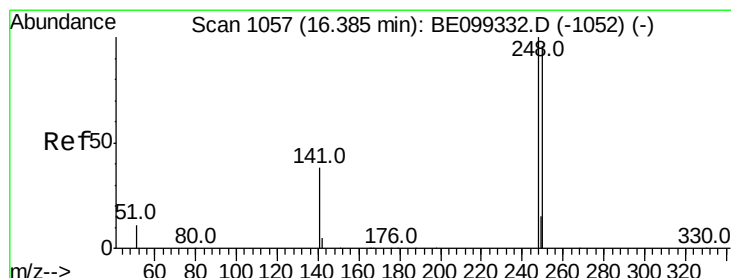
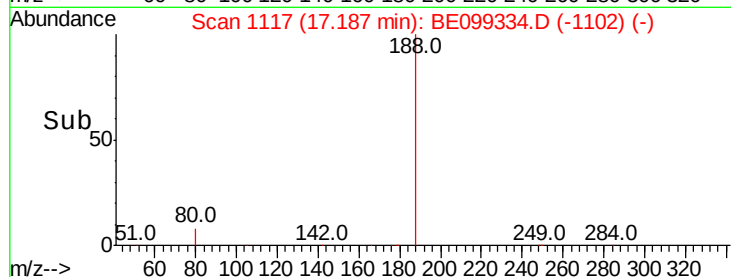
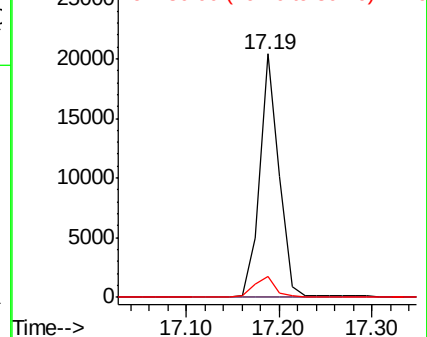
80 8.5 6.2 9.4



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: 1.596 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

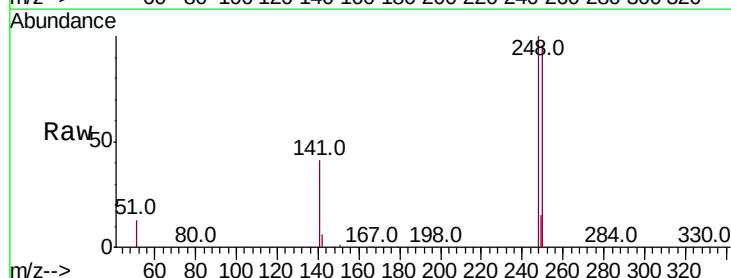
Tgt Ion:248 Resp: 26770

Ion Ratio Lower Upper

248 100

250 96.1 77.0 115.6

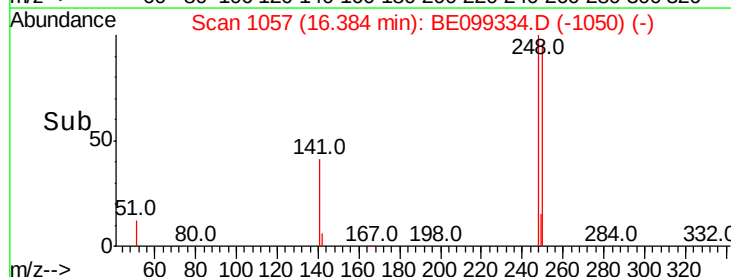
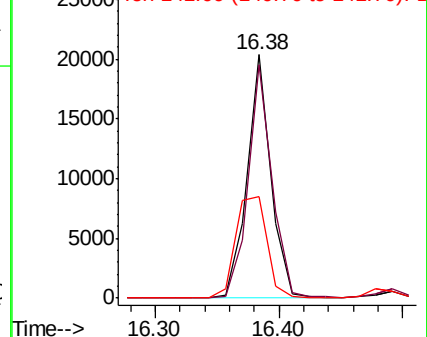
141 41.5 31.1 46.7

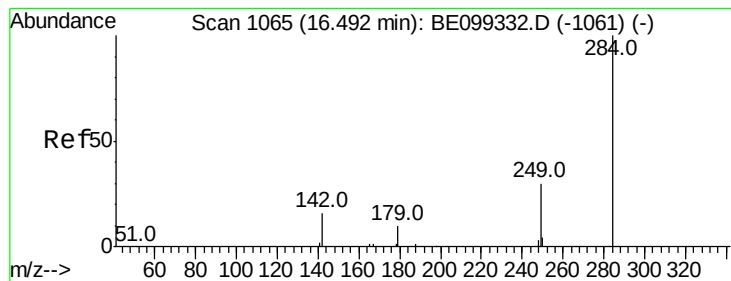


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.600 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

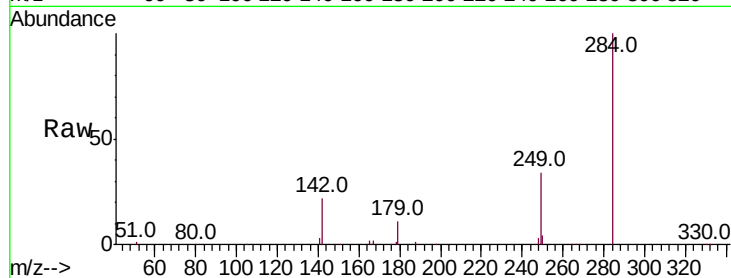
Tot Ion:284 Resp: 25546

Ion Ratio Lower Upper

284 100

142 28.8 21.8 32.6

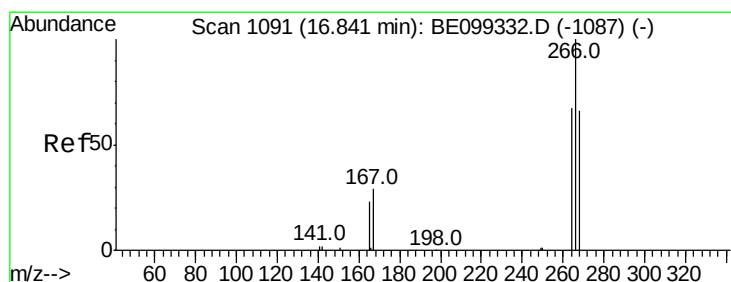
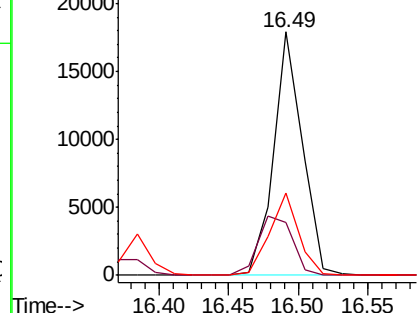
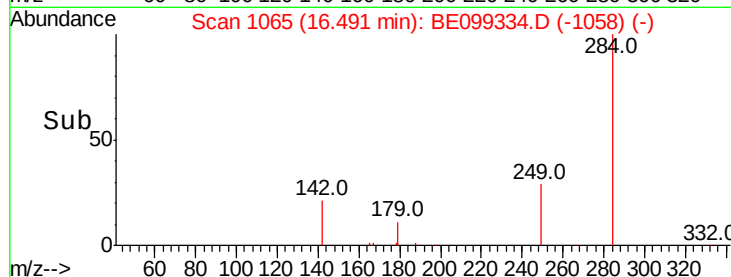
249 33.5 26.2 39.4



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: 1.162 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

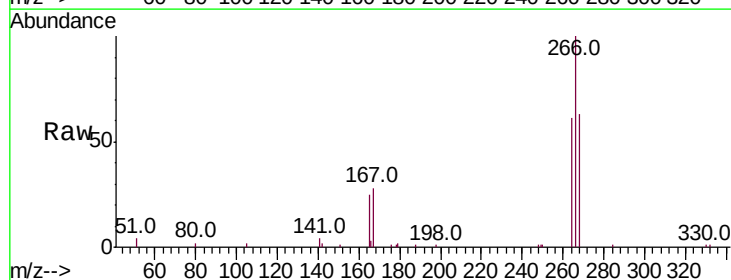
Tgt Ion:266 Resp: 7706

Ion Ratio Lower Upper

266 100

264 60.9 54.5 81.7

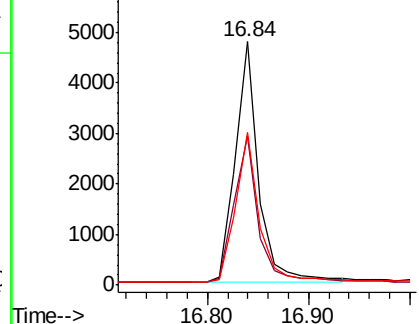
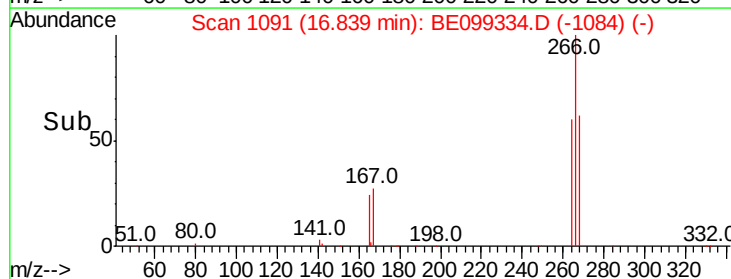
268 62.8 54.3 81.5

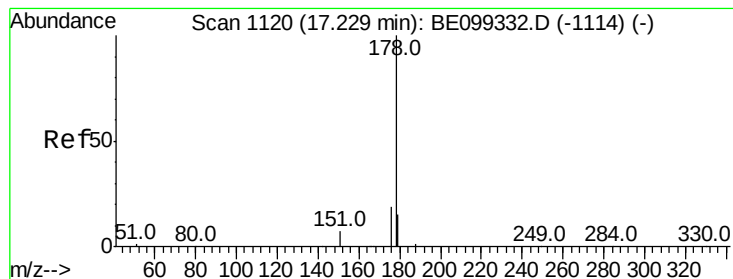


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.631 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

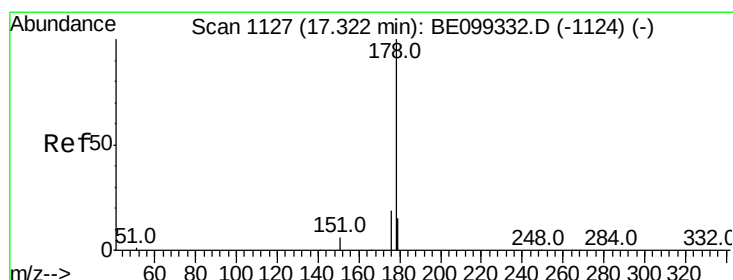
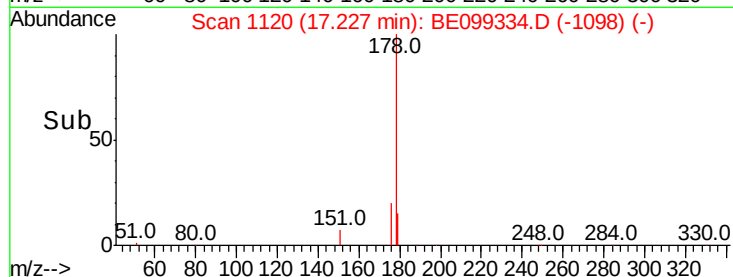
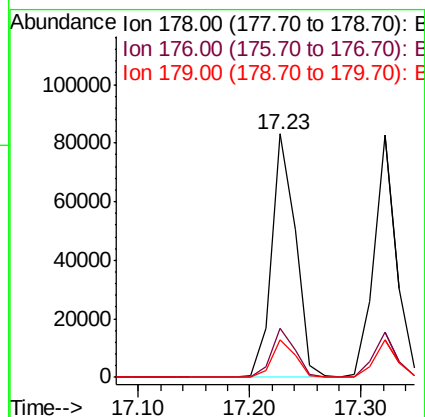
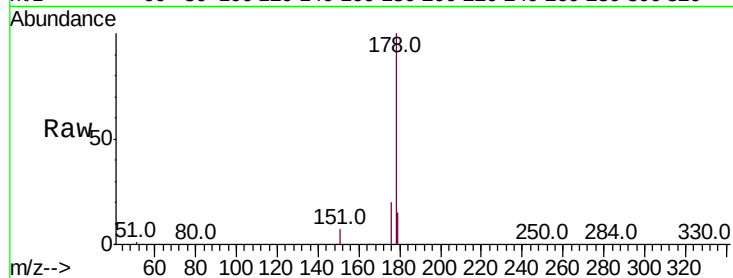
Tot Ion:178 Resp: 124771

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.0 12.4 18.6



#24

Anthracene

Concen: 1.600 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

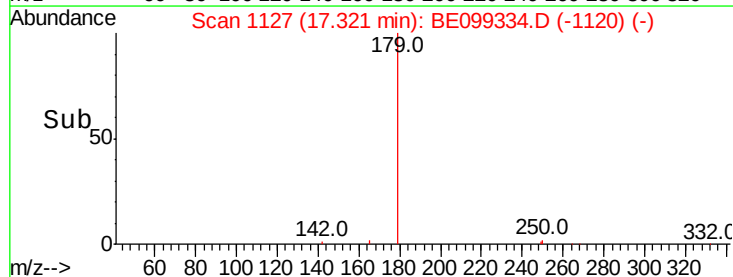
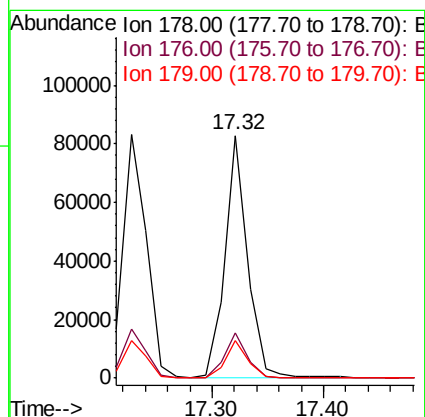
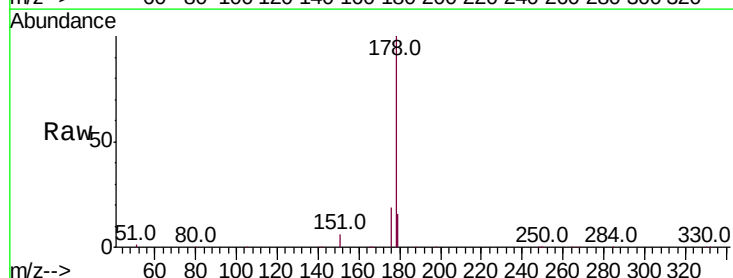
Tgt Ion:178 Resp: 115393

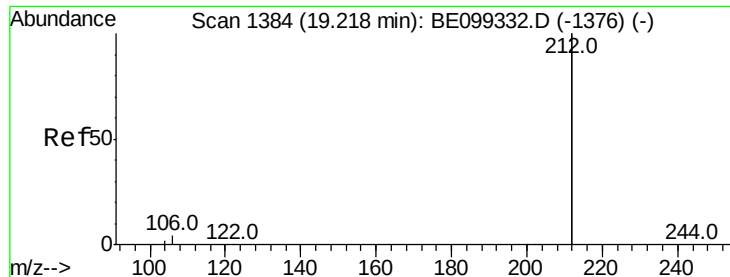
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.3 11.9 17.9





#25

Fluoranthene-d10

Concen: 1.475 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

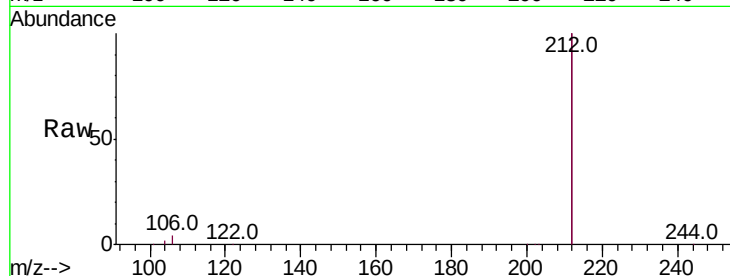
Tot Ion:212 Resp: 575404

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.6

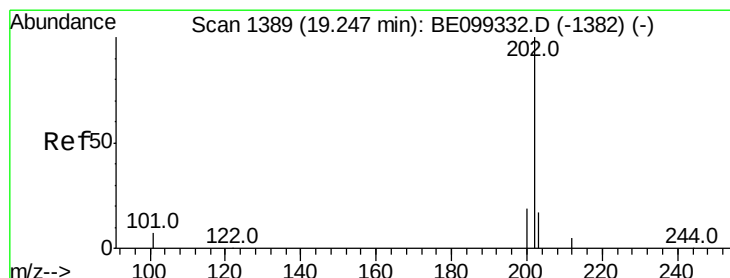
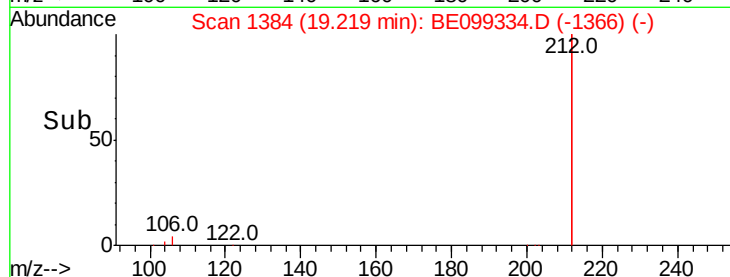
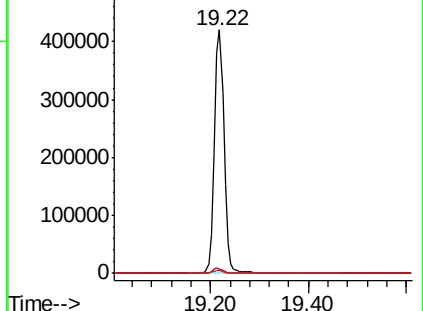
104 1.2 1.0 1.4



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: 1.529 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

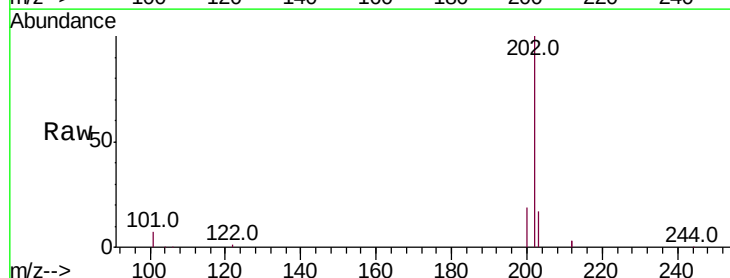
Tgt Ion:202 Resp: 172541

Ion Ratio Lower Upper

202 100

101 7.9 6.4 9.6

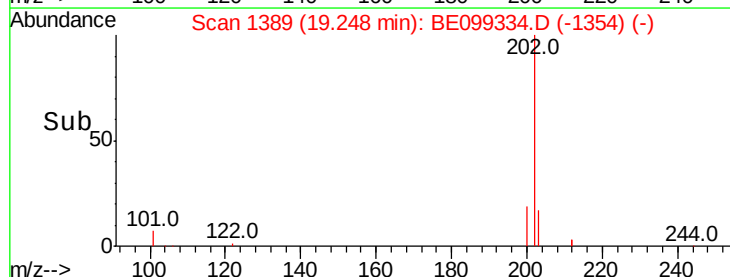
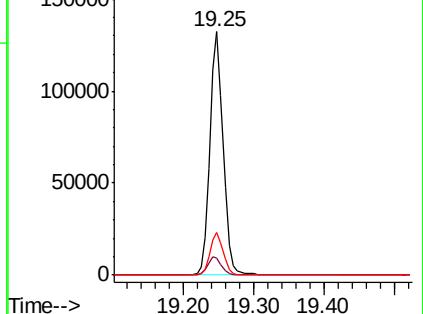
203 17.2 13.5 20.3

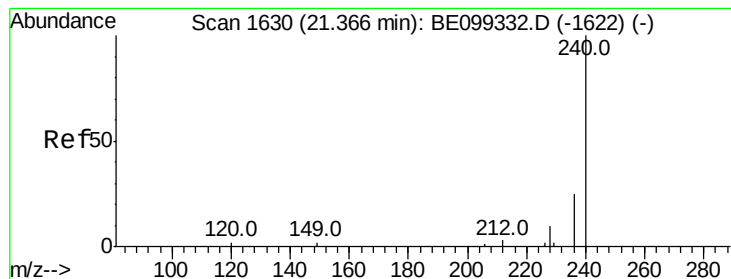


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

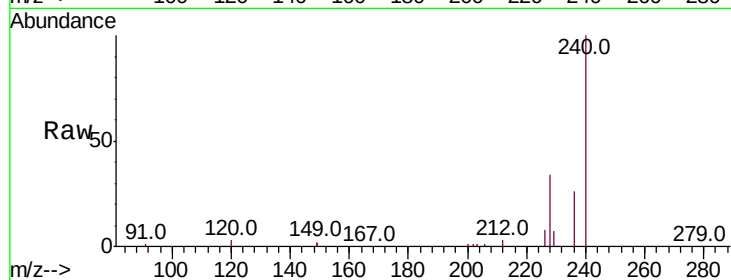
Tot Ion:240 Resp: 37484

Ion Ratio Lower Upper

240 100

120 2.7 2.2 3.2

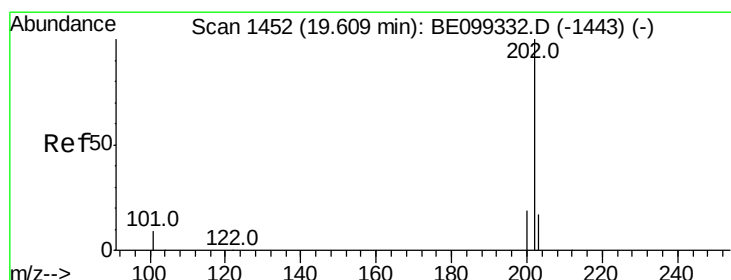
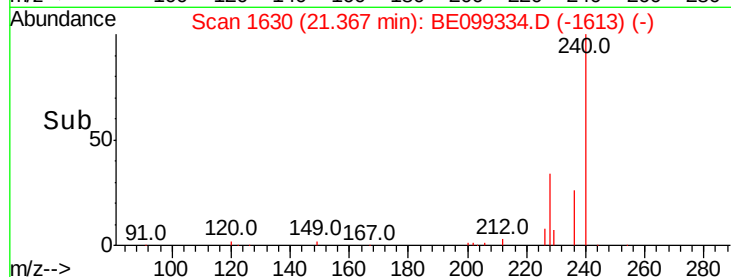
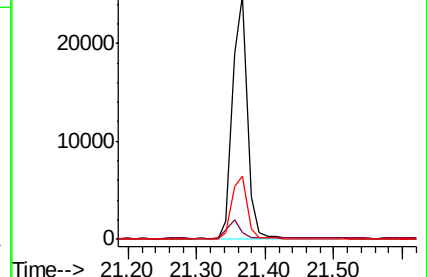
236 25.8 20.2 30.4



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: 1.736 ng

RT: 19.61 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

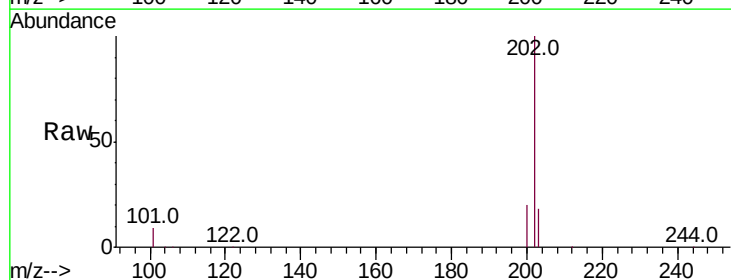
Tgt Ion:202 Resp: 171859

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

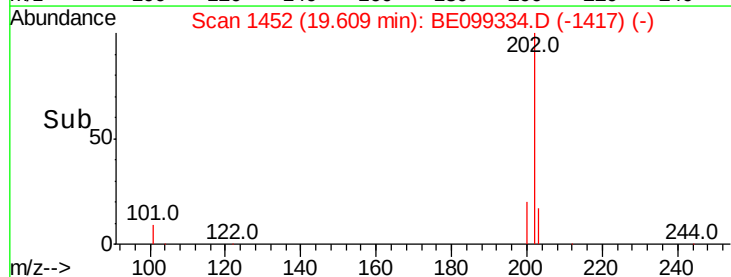
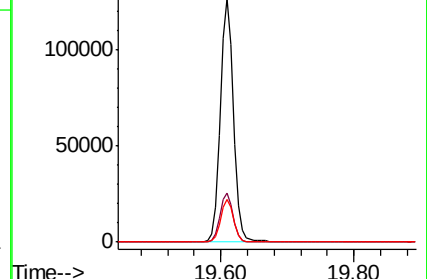
203 17.5 13.7 20.5

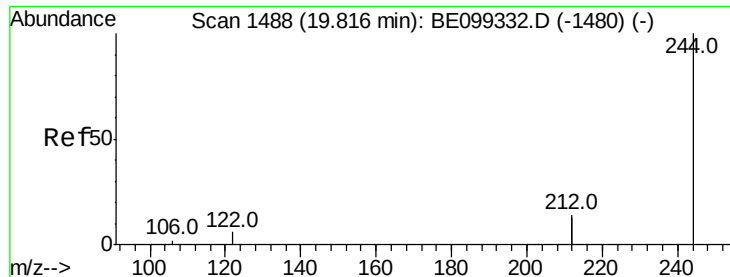


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.683 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

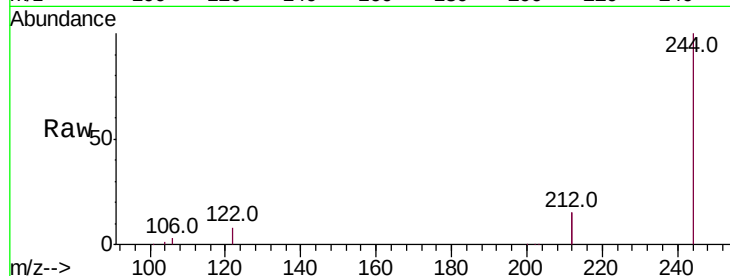
Tot Ion:244 Resp: 115118

Ion Ratio Lower Upper

244 100

212 30.2 22.6 33.8

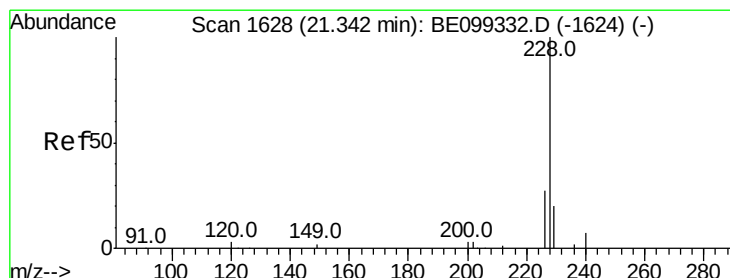
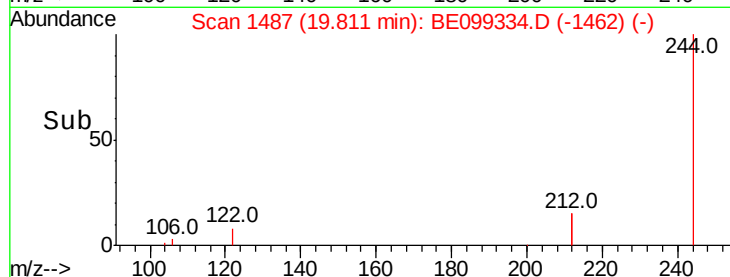
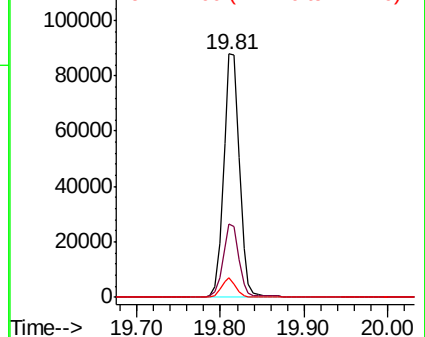
122 7.9 4.6 7.0#



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: 1.463 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

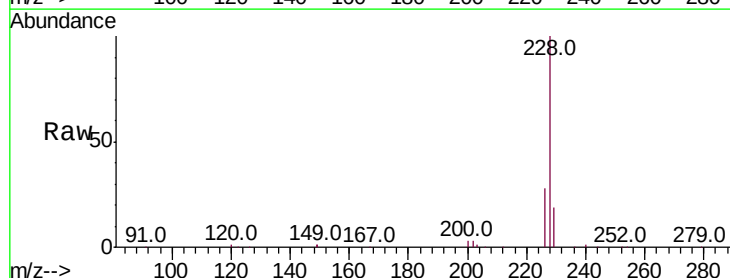
Tgt Ion:228 Resp: 172665

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

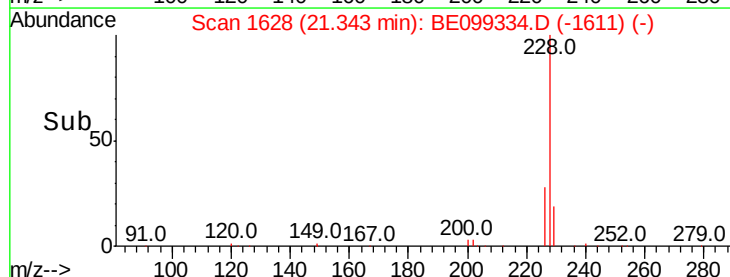
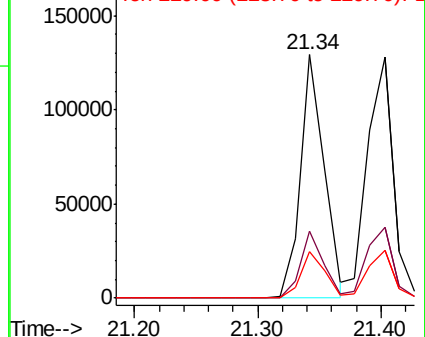
229 19.1 15.8 23.8

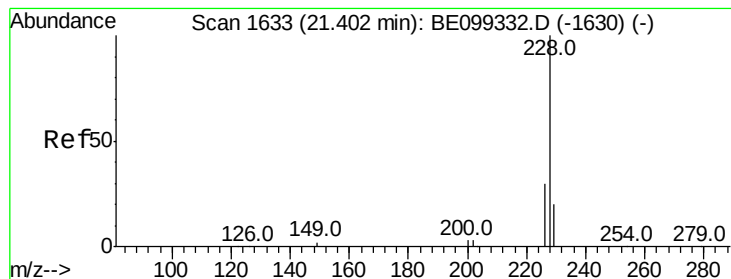


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.605 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

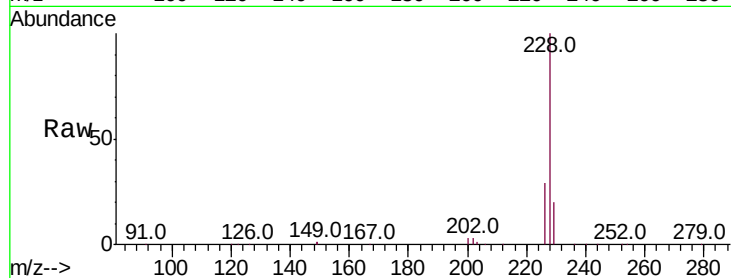
Tot Ion:228 Resp: 185775

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

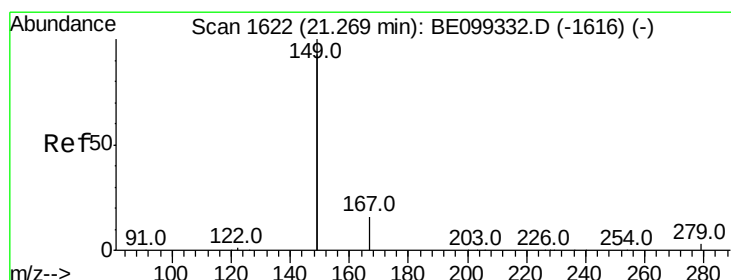
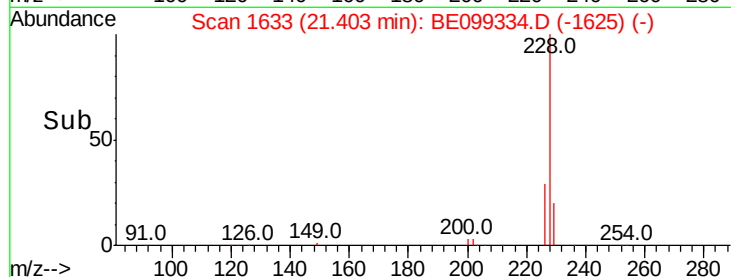
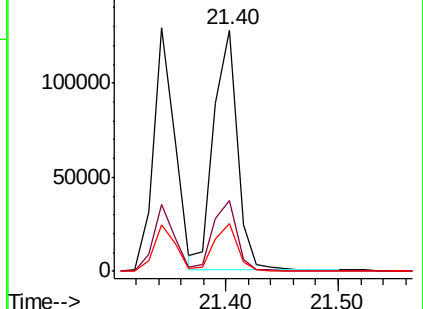
229 19.8 16.2 24.2



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: 1.016 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

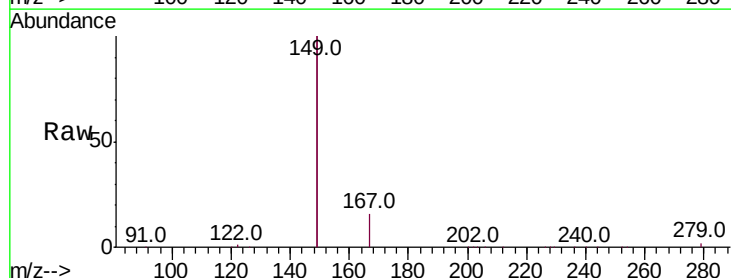
Tgt Ion:149 Resp: 152874

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

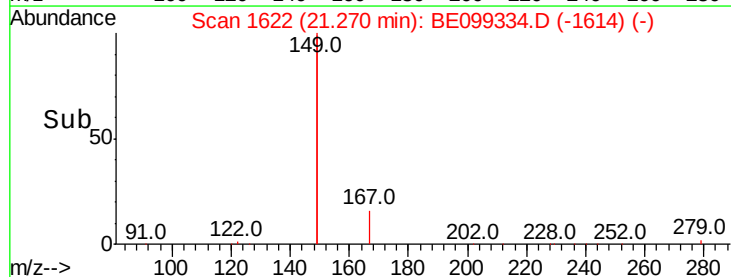
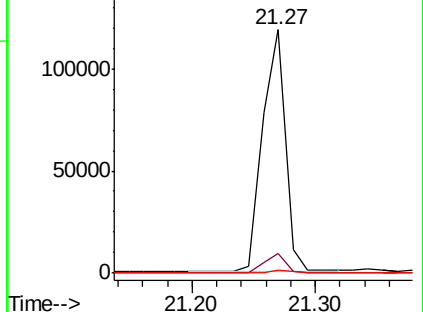
279 1.2 1.1 1.7

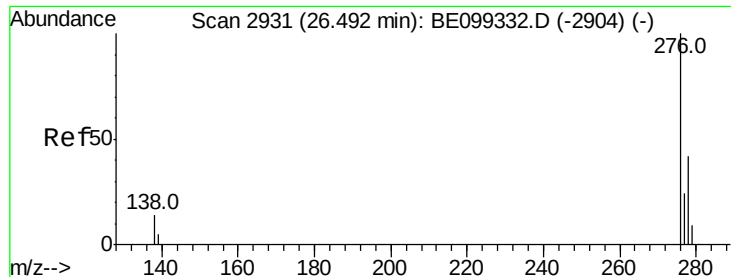


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

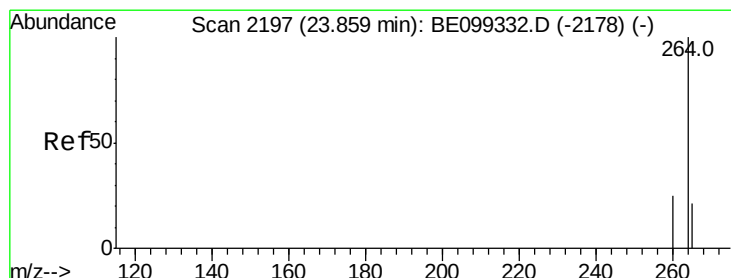
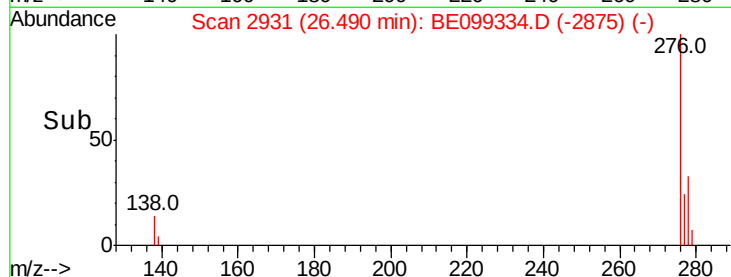
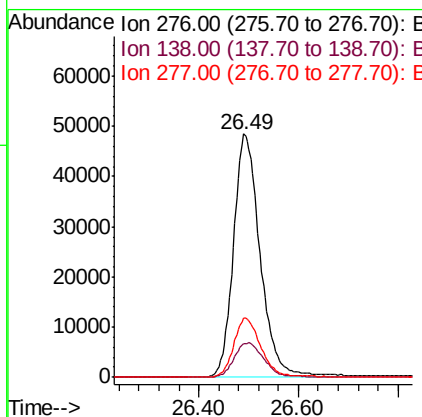
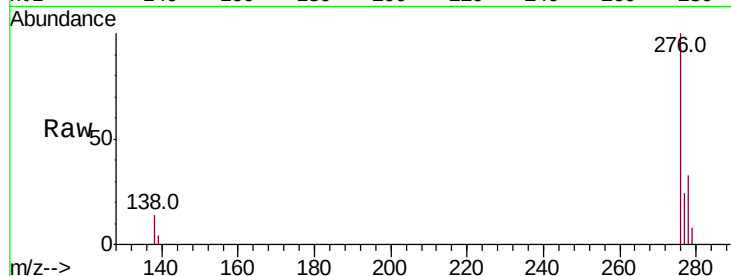




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.358 ng
 RT: 26.49 min Scan# 2931
 Delta R.T. -0.00 min
 Lab File: BE099334.D
 Acq: 18 Apr 2019 11:41

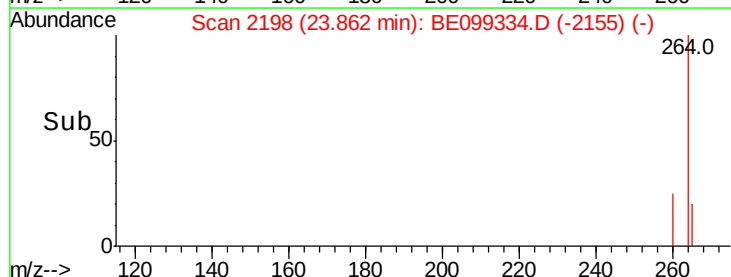
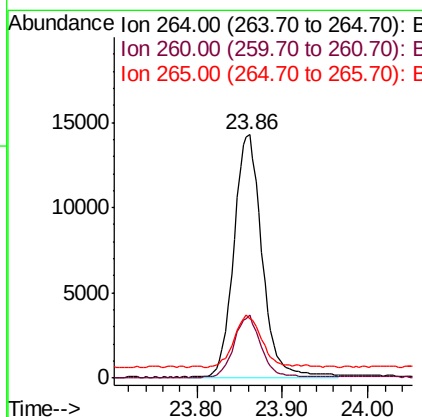
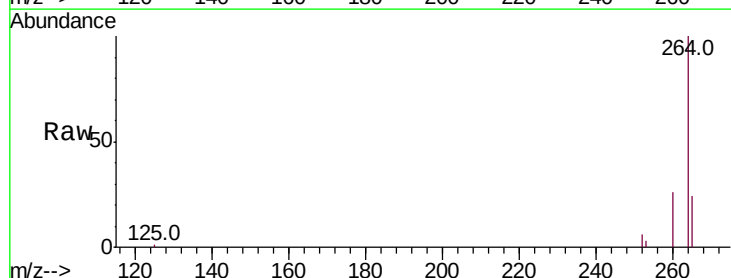
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

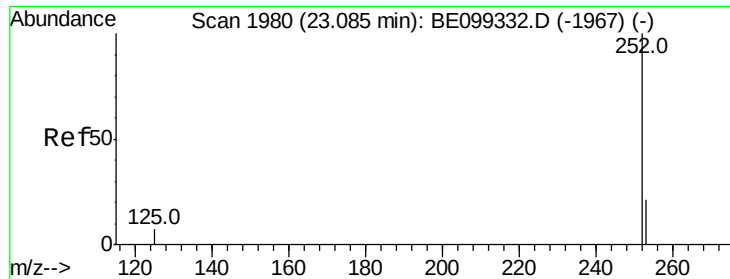
Tot Ion:276 Resp: 179616
 Ion Ratio Lower Upper
 276 100
 138 15.6 12.7 19.1
 277 24.5 19.6 29.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BE099334.D
 Acq: 18 Apr 2019 11:41

Tgt Ion:264 Resp: 32524
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 24.4 19.9 29.9





#35

Benzo(b)fluoranthene

Concen: 1.648 ng

RT: 23.09 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

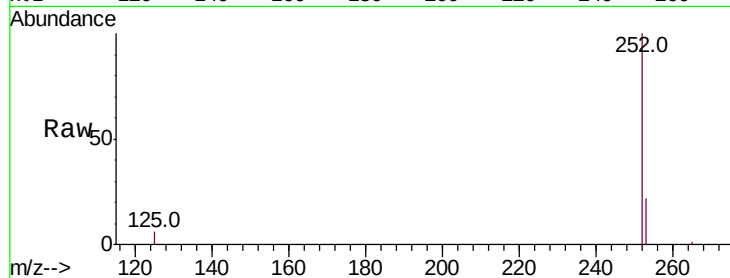
Tot Ion:252 Resp: 159945

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

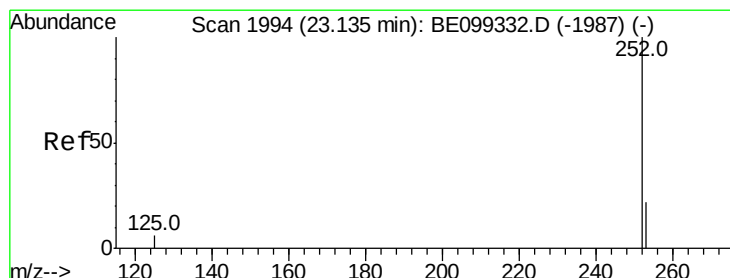
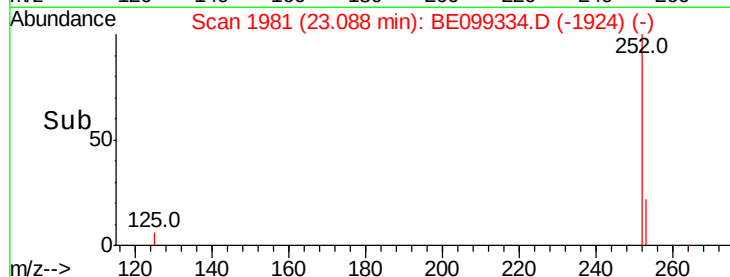
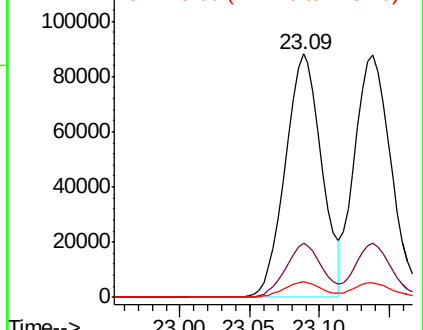
125 6.5 5.8 8.6



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: 1.714 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

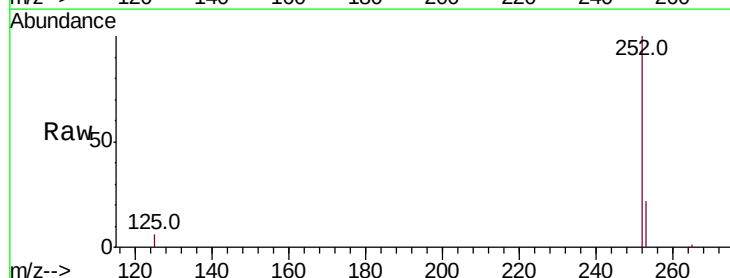
Tgt Ion:252 Resp: 161881

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

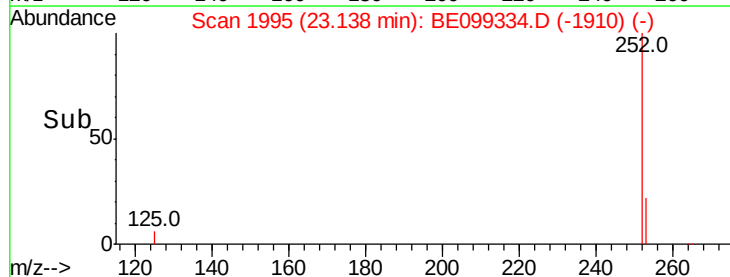
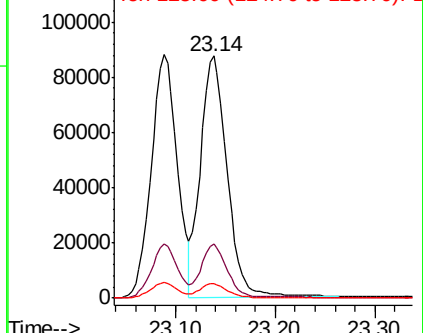
125 6.1 5.4 8.0

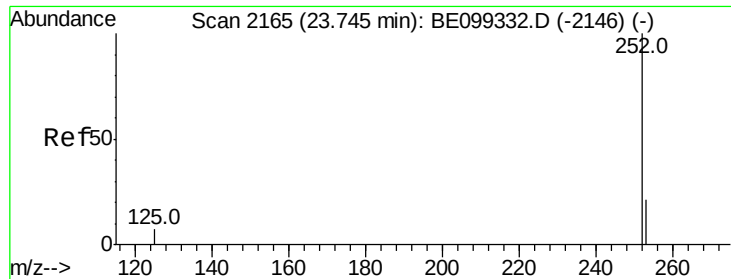


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.573 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

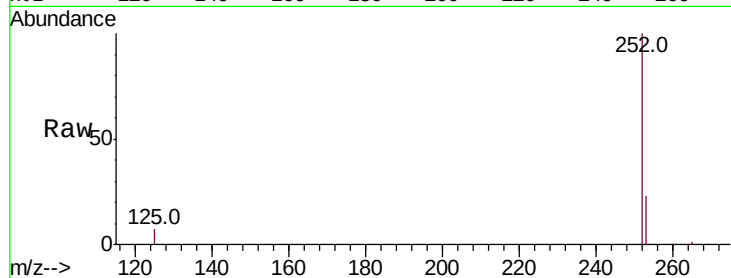
Tot Ion:252 Resp: 143539

Ion Ratio Lower Upper

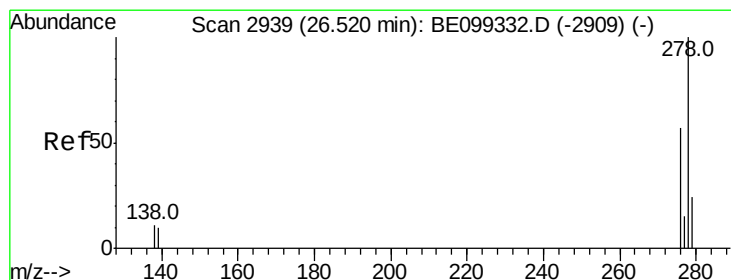
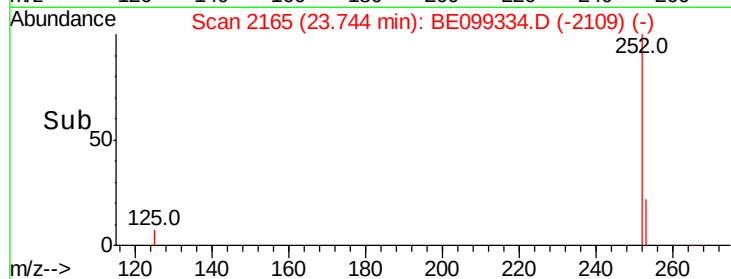
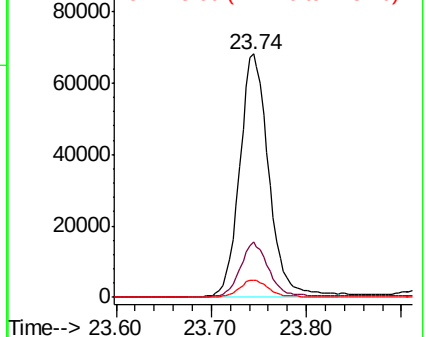
252 100

253 22.6 17.6 26.4

125 7.0 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: 1.627 ng

RT: 26.52 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

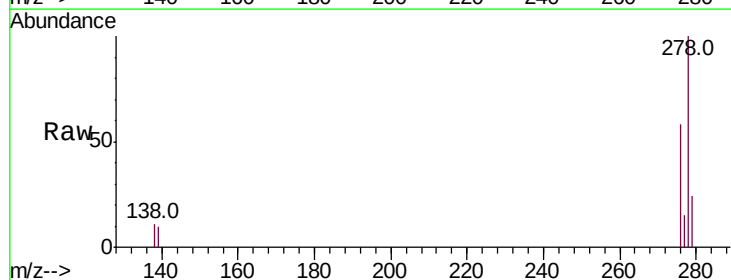
Tgt Ion:278 Resp: 147627

Ion Ratio Lower Upper

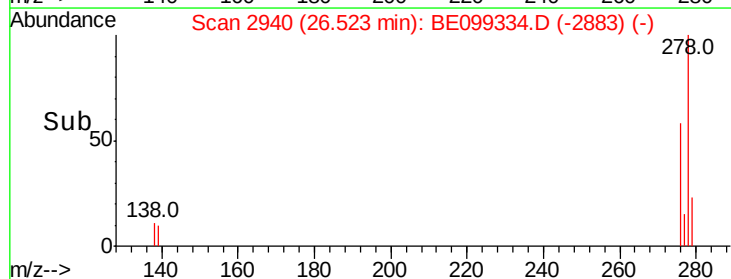
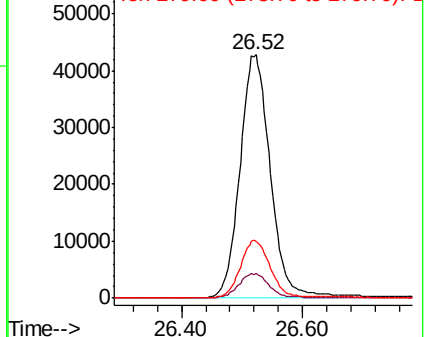
278 100

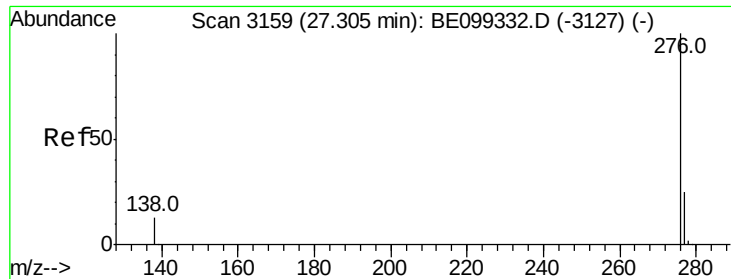
139 10.2 8.5 12.7

279 23.5 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: 1.654 ng

RT: 27.31 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BE099334.D

Acq: 18 Apr 2019 11:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

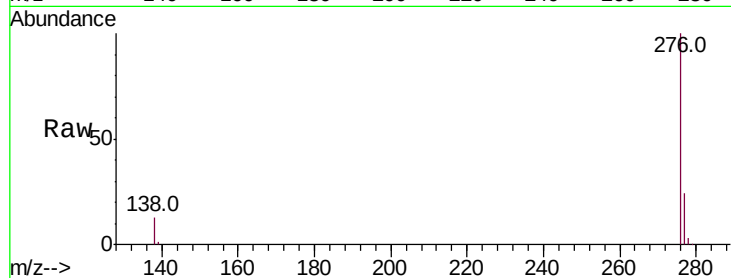
Tot Ion:276 Resp: 149576

Ion Ratio Lower Upper

276 100

277 23.9 20.0 30.0

138 13.5 11.1 16.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

