

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099588.D
 Acq On : 9 May 2019 12:56
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 09 13:29:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 11:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1600	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5851	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3946	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	10664	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16174	0.40	ng	0.00
34) Perylene-d12	23.97	264	17032	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	23456	5.29	ng	0.00
5) Phenol-d6	6.97	99	32073	5.49	ng	0.00
8) Nitrobenzene-d5	8.98	82	31846	5.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	52382	5.14	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	14318	5.45	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	79584	5.32	ng	0.00
25) Fluoranthene-d10	19.27	212	749578	5.22	ng	0.00
29) Terphenyl-d14	19.87	244	153452	5.12	ng	0.00

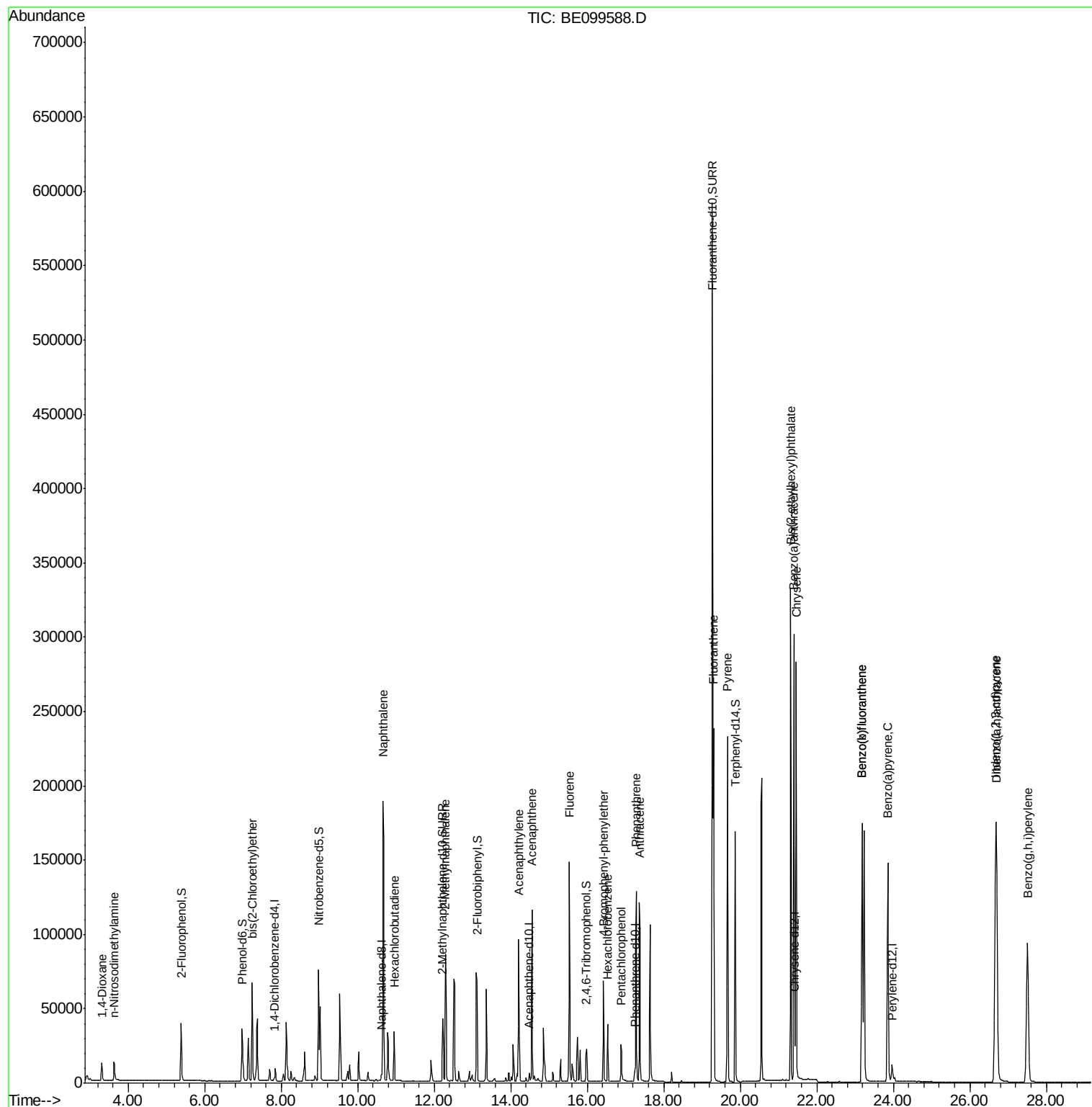
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	10987	4.861	ng	90
3) n-Nitrosodimethylamine	3.62	42	8397	5.614	ng	# 97
6) bis(2-Chloroethyl)ether	7.24	93	25916	5.329	ng	98
9) Naphthalene	10.67	128	325963	5.260	ng	99
10) Hexachlorobutadiene	10.95	225	23194	5.152	ng	99
12) 2-Methylnaphthalene	12.30	142	55045	5.240	ng	98
16) Acenaphthylene	14.21	152	103600	5.441	ng	99
17) Acenaphthene	14.56	154	57503	5.406	ng	99
18) Fluorene	15.53	166	82332	5.420	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	33873	5.590	ng	# 93
21) Hexachlorobenzene	16.53	284	32685	5.424	ng	99
22) Pentachlorophenol	16.89	266	16748	6.754	ng	91
23) Phenanthrene	17.28	178	142663	5.428	ng	100
24) Anthracene	17.36	178	143154	5.663	ng	100
26) Fluoranthene	19.30	202	215559	5.326	ng	99
28) Pyrene	19.67	202	221909	5.121	ng	100
30) Benzo(a)anthracene	21.40	228	253415	5.057	ng	98
31) Chrysene	21.46	228	258458	5.227	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	356100	4.484	ng	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	309197	5.265	ng	100
35) Benzo(b)fluoranthene	23.18	252	249806	5.317	ng	# 96
36) Benzo(k)fluoranthene	23.18	252	249806	5.403	ng	97
37) Benzo(a)pyrene	23.85	252	240678	5.313	ng	# 96
38) Dibenzo(a,h)anthracene	26.70	278	254726	5.436	ng	# 97
39) Benzo(g,h,i)perylene	27.51	276	252308	5.376	ng	98

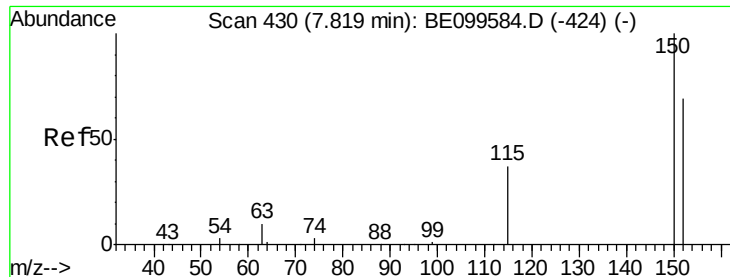
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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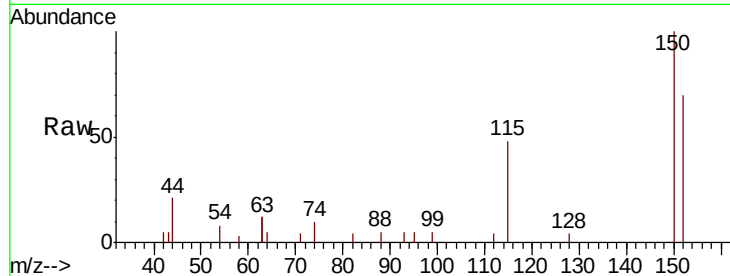


#1

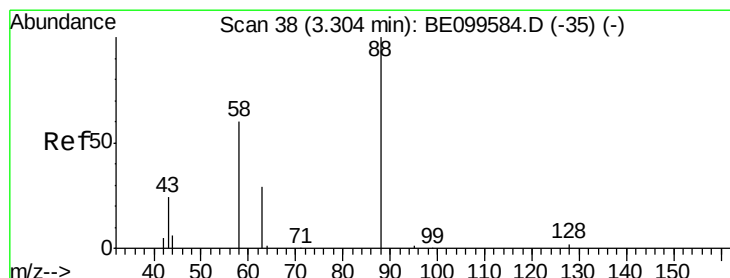
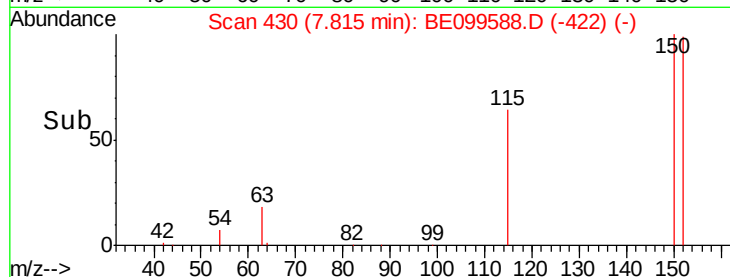
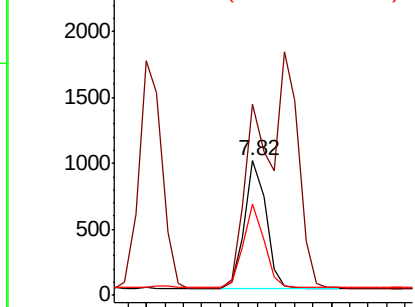
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1600
Ion Ratio Lower Upper
152 100
150 142.3 114.2 171.4
115 67.6 45.4 68.0



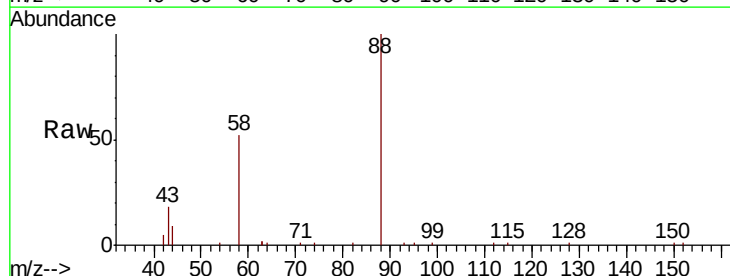
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



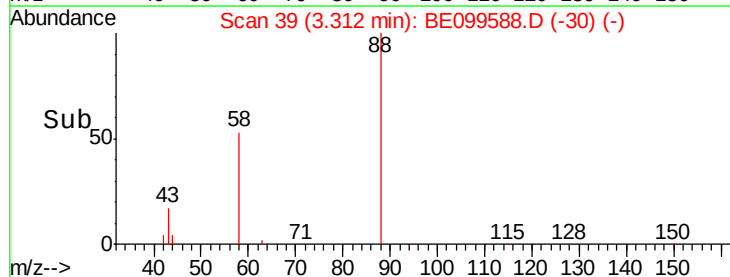
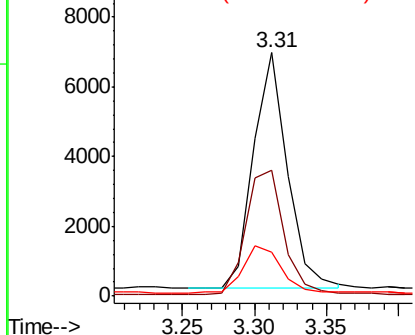
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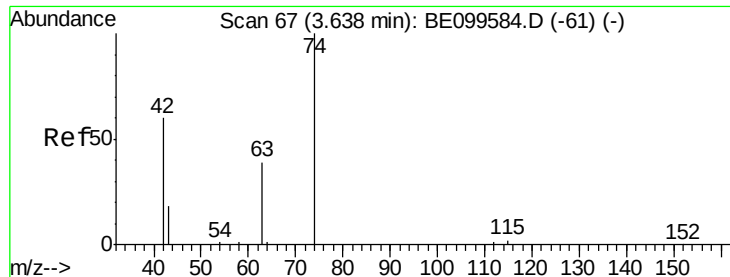
1,4-Dioxane
Concen: 4.861 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Tgt Ion: 88 Resp: 10987
Ion Ratio Lower Upper
88 100
58 59.4 41.3 61.9
43 22.3 21.0 31.6



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



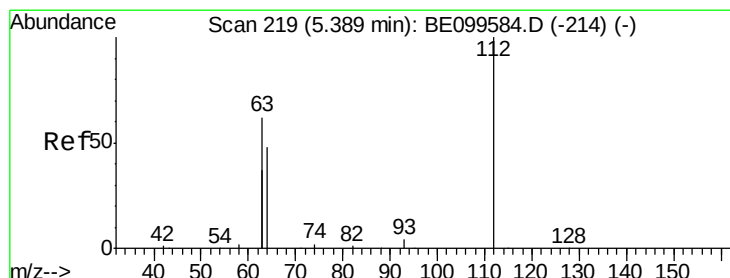
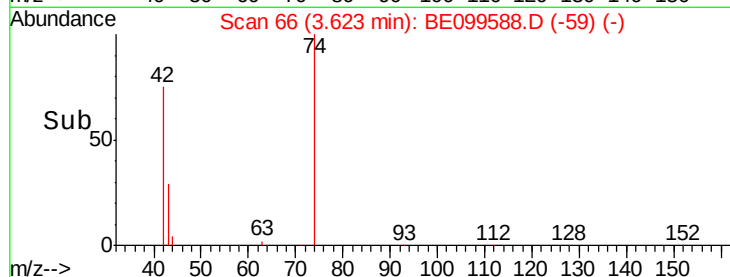
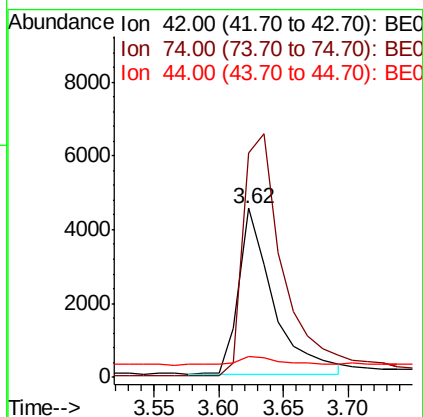
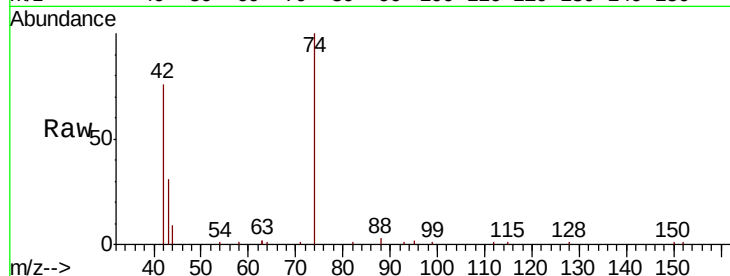


#3

n-Nitrosodimethylamine
Concen: 5.614 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Instrument :
BNA_E
ClientSampleId :

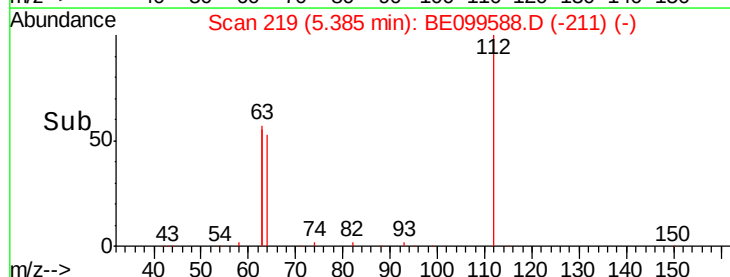
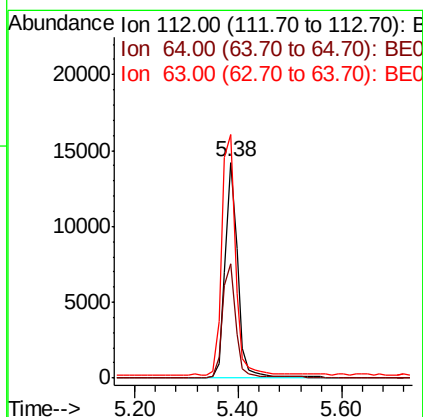
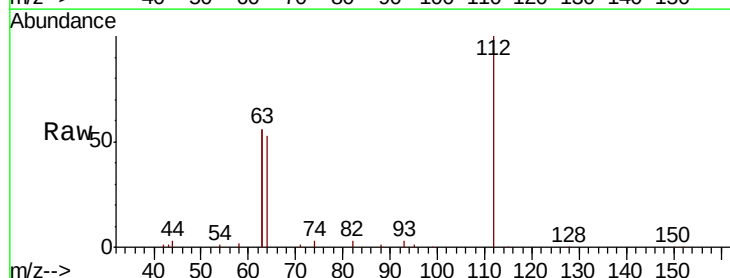
Tot Ion: 42 Resp: 8397
Ion Ratio Lower Upper
42 100
74 167.1 136.9 205.3
44 6.6 7.1 10.7#

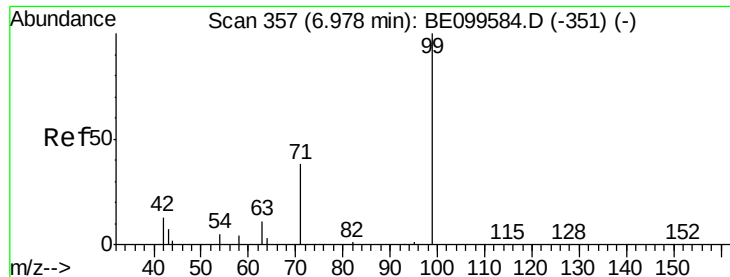


#4

2-Fluorophenol
Concen: 5.289 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Tgt Ion: 112 Resp: 23456
Ion Ratio Lower Upper
112 100
64 56.6 46.2 69.4
63 123.2 100.2 150.4





#5

Phenol-d6

Concen: 5.494 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampled :

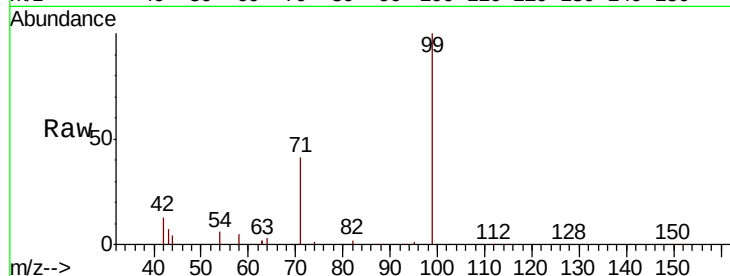
Tot Ion: 99 Resp: 32073

Ion Ratio Lower Upper

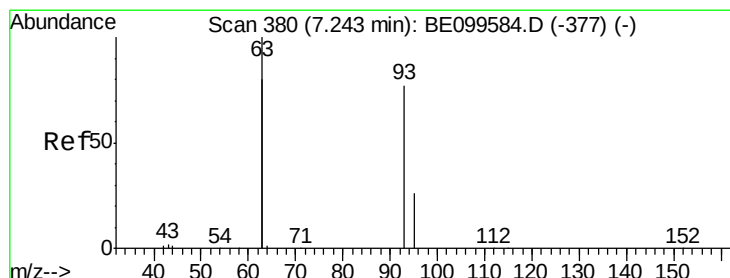
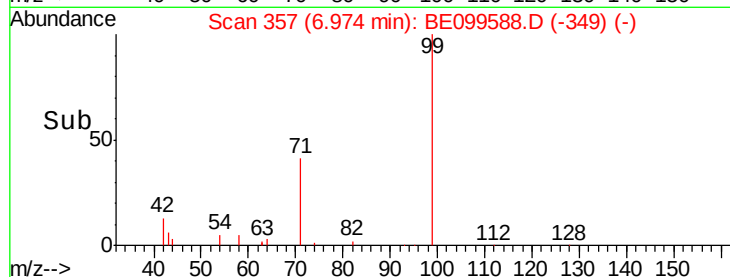
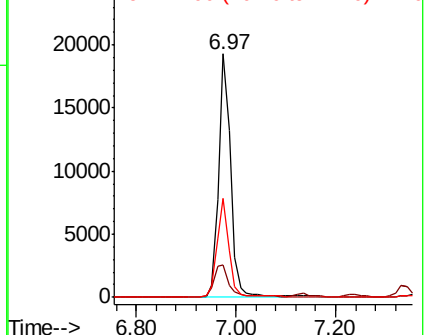
99 100

42 15.4 13.8 20.8

71 39.4 32.2 48.4



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: 5.329 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

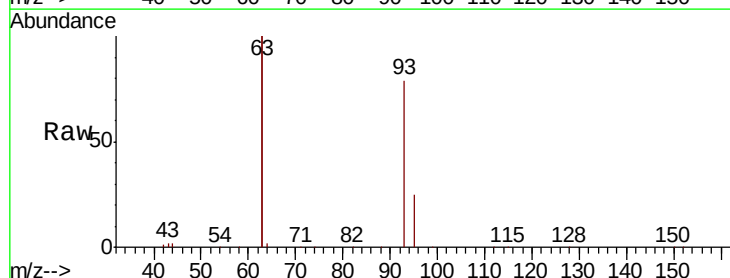
Tgt Ion: 93 Resp: 25916

Ion Ratio Lower Upper

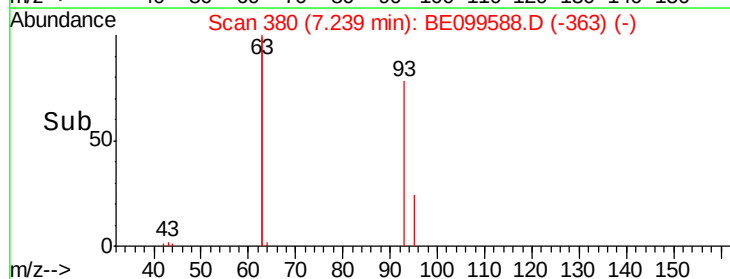
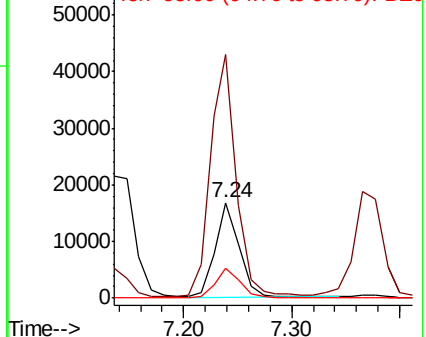
93 100

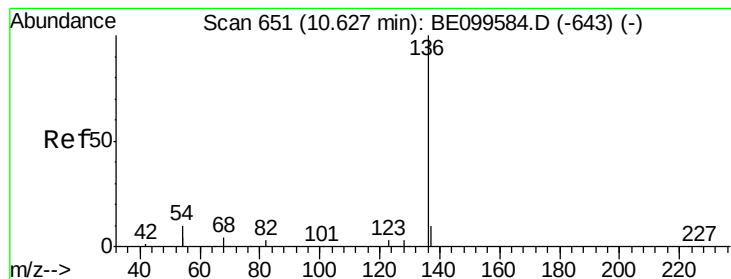
63 270.4 213.4 320.0

95 32.0 24.9 37.3



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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5851

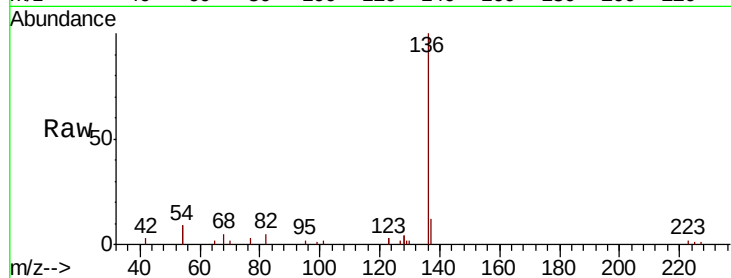
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 18.4 16.5 24.7

68 4.6 4.5 6.7

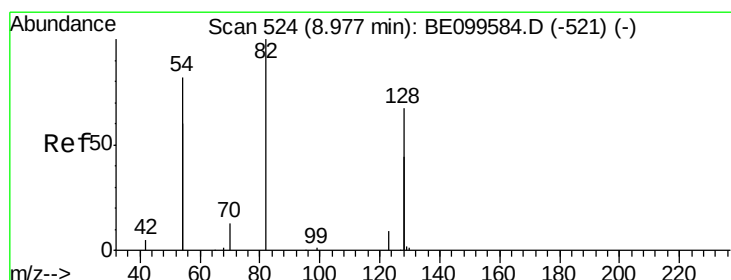
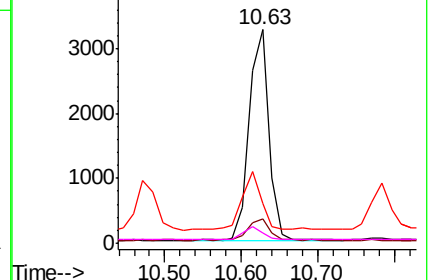
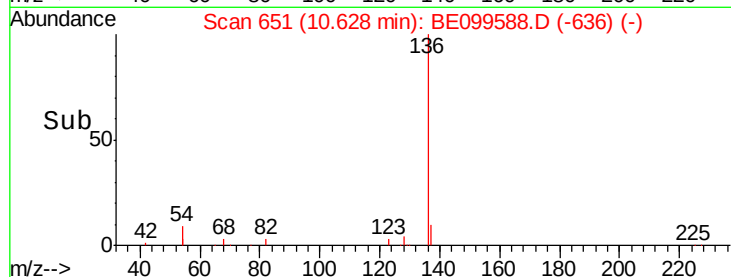


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.650 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

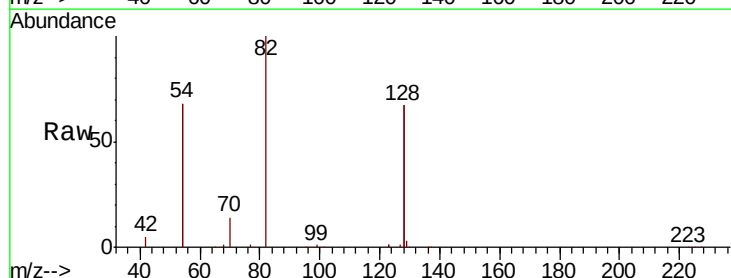
Tgt Ion: 82 Resp: 31846

Ion Ratio Lower Upper

82 100

128 134.4 101.5 152.3

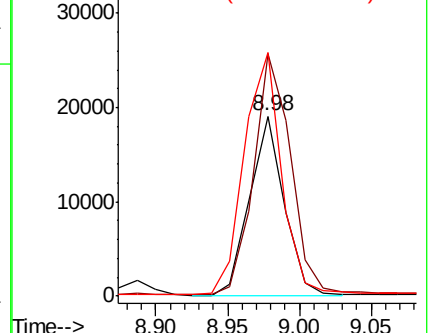
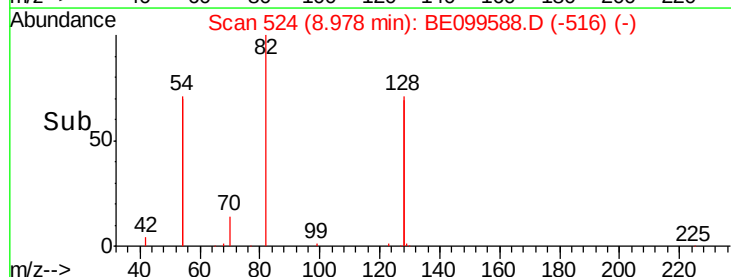
54 135.3 123.8 185.6

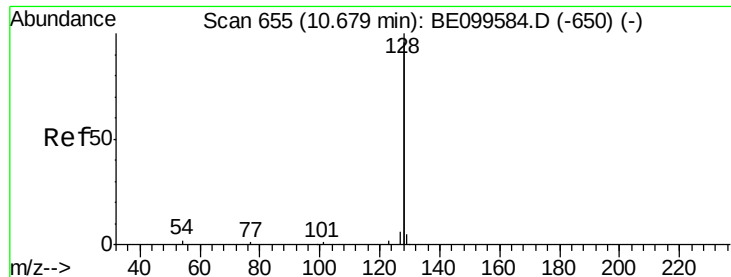


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

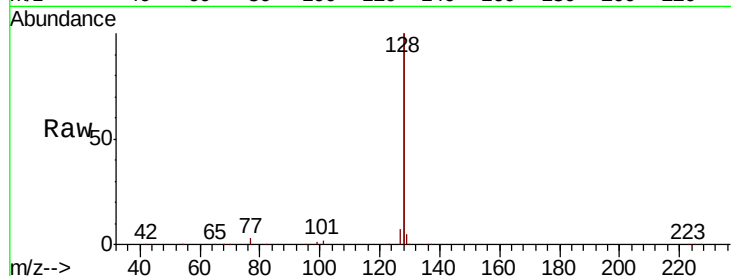




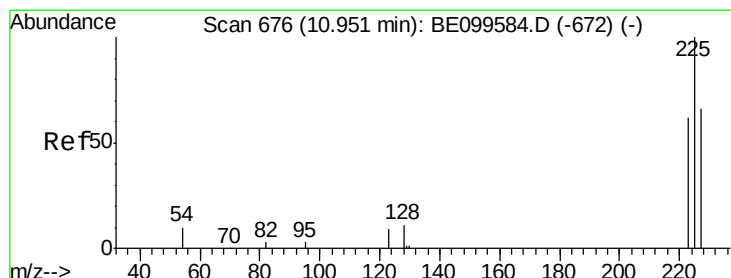
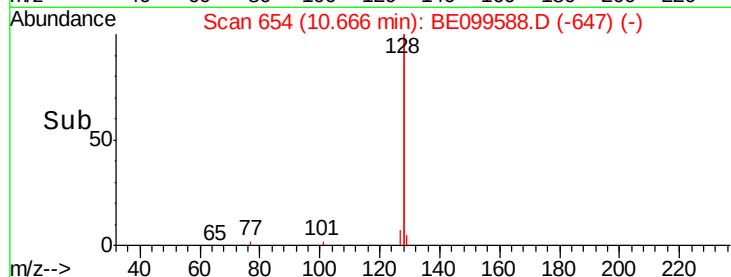
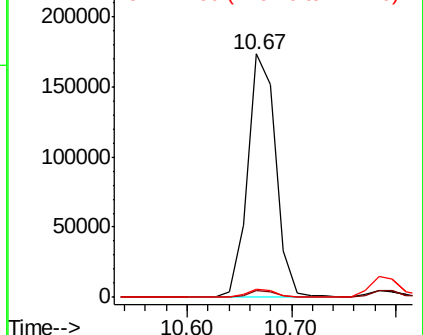
#9
Naphthalene
Concen: 5.260 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 325963
Ion Ratio Lower Upper
128 100
129 2.7 2.4 3.6
127 3.4 2.8 4.2

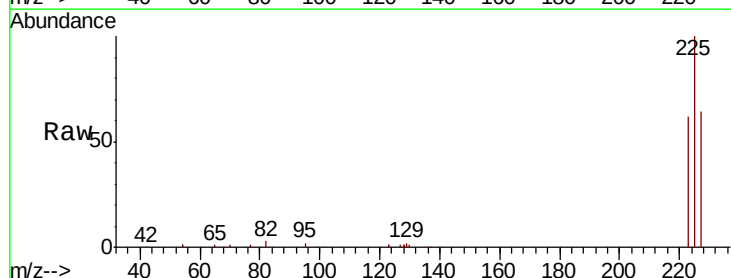


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

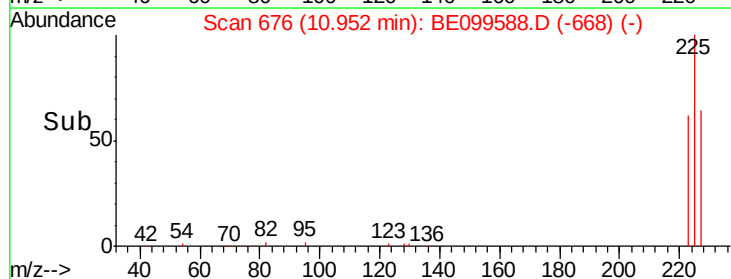
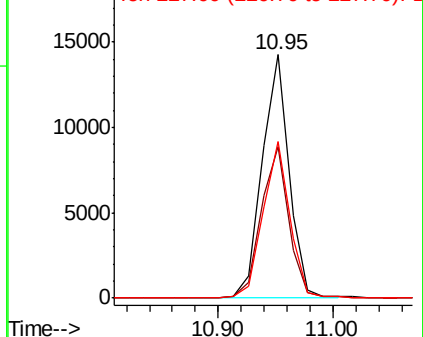


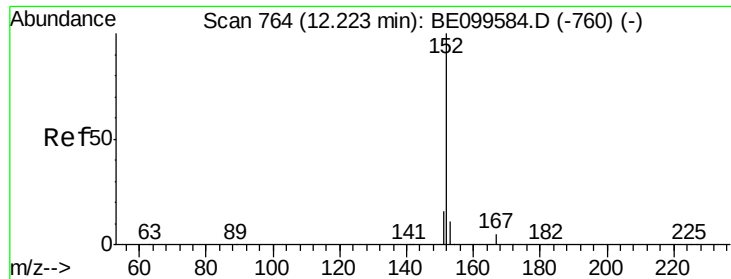
#10
Hexachlorobutadiene
Concen: 5.152 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Tgt Ion:225 Resp: 23194
Ion Ratio Lower Upper
225 100
223 63.0 49.6 74.4
227 63.4 50.1 75.1



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

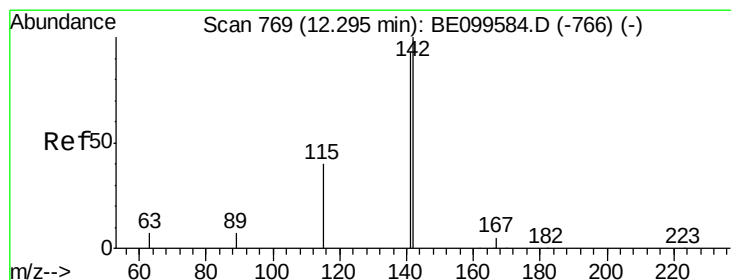
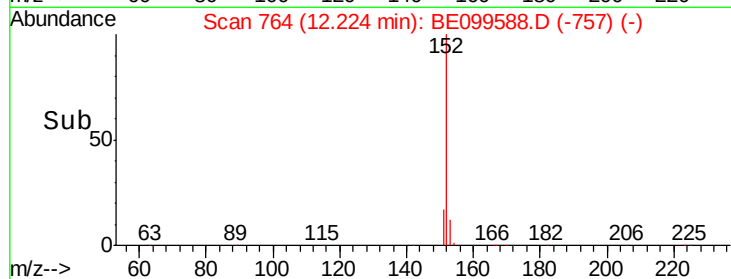
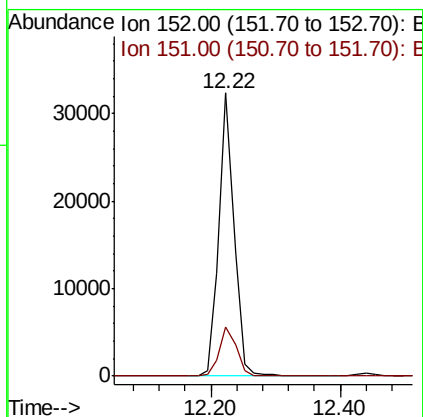
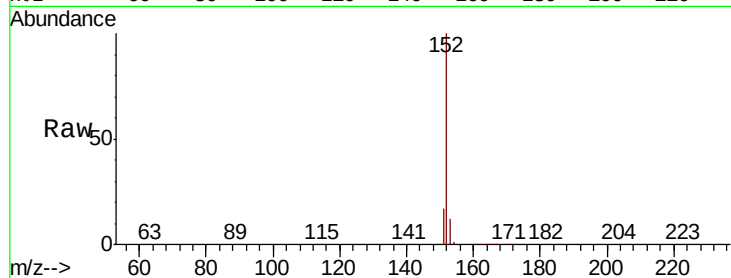




#11
 2-Methylnaphthalene-d10
 Concen: 5.139 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099588.D
 Acq: 9 May 2019 12:56

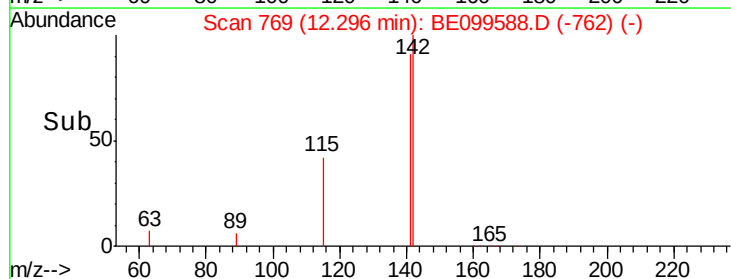
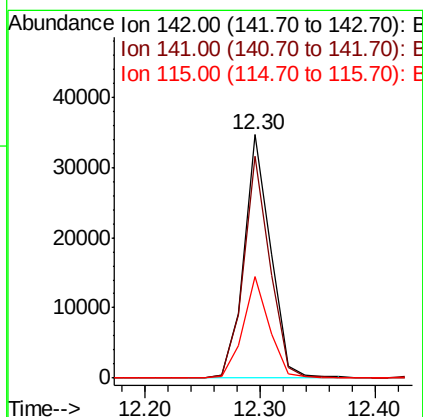
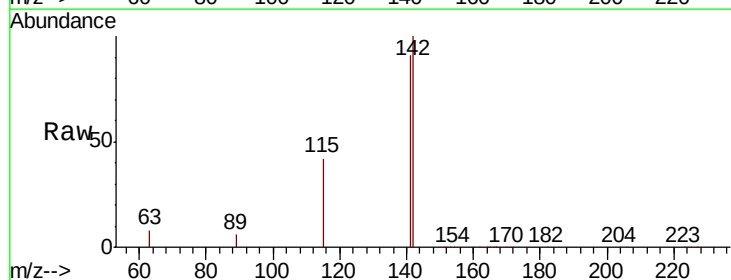
Instrument :
 BNA_E
 ClientSampleId :

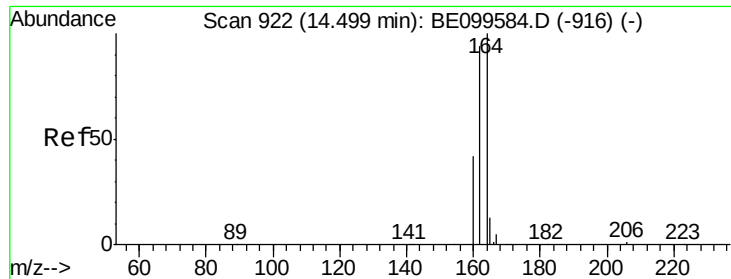
Tot Ion:152 Resp: 52382
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.2 24.2



#12
 2-Methylnaphthalene
 Concen: 5.240 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE099588.D
 Acq: 9 May 2019 12:56

Tgt Ion:142 Resp: 55045
 Ion Ratio Lower Upper
 142 100
 141 91.2 75.0 112.4
 115 41.7 33.7 50.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.01 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

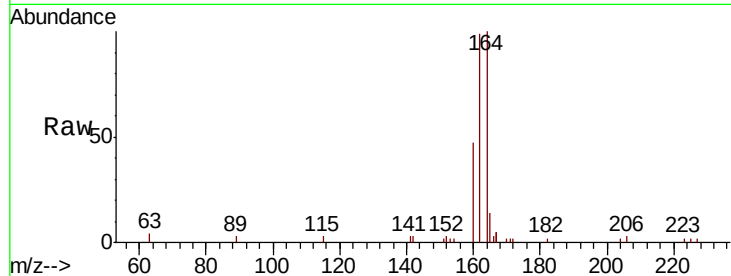
Tot Ion:164 Resp: 3946

Ion Ratio Lower Upper

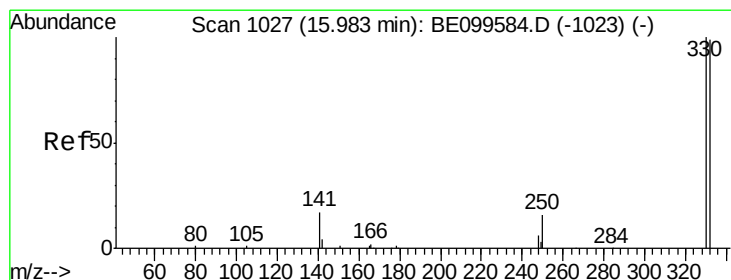
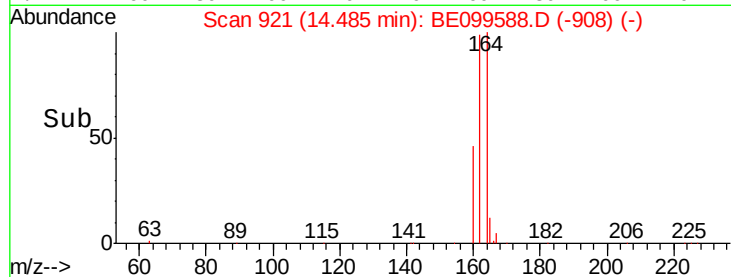
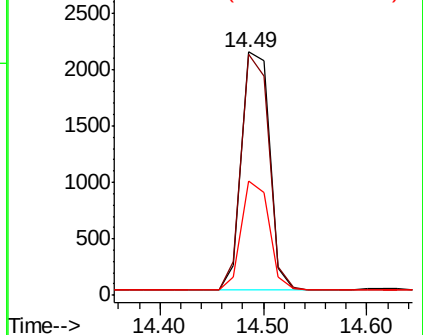
164 100

162 98.9 75.3 112.9

160 47.2 34.7 52.1



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



#14

2,4,6-Tribromophenol

Concen: 5.450 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

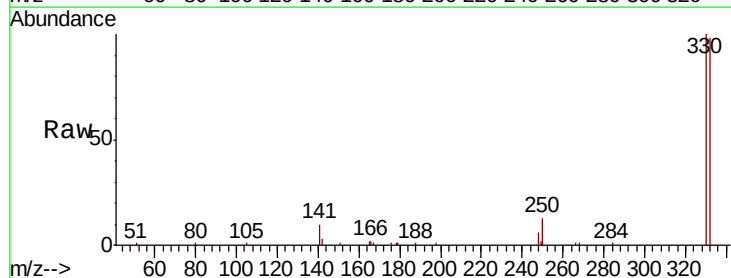
Tgt Ion:330 Resp: 14318

Ion Ratio Lower Upper

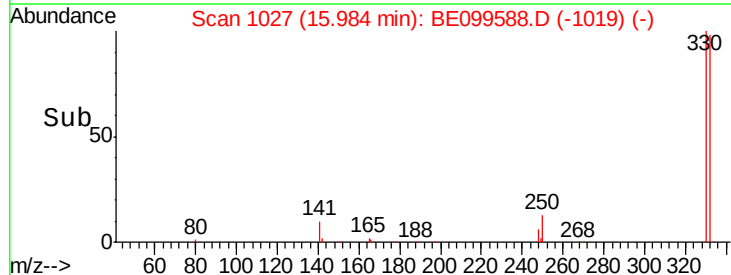
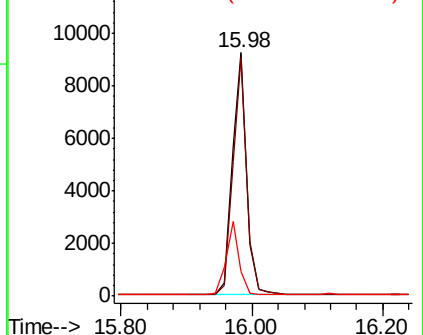
330 100

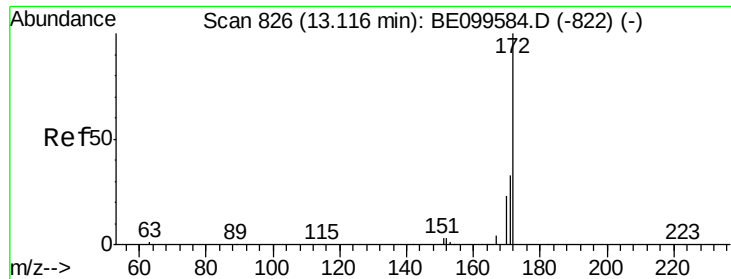
332 96.0 78.7 118.1

141 27.7 22.3 33.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

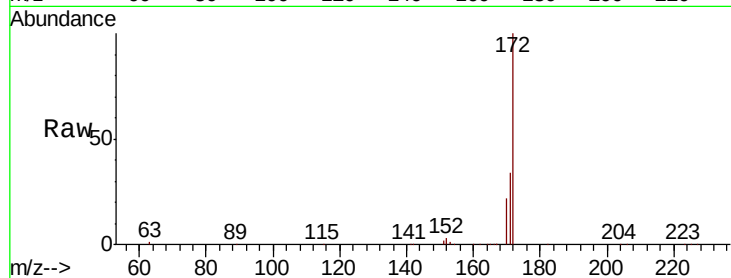




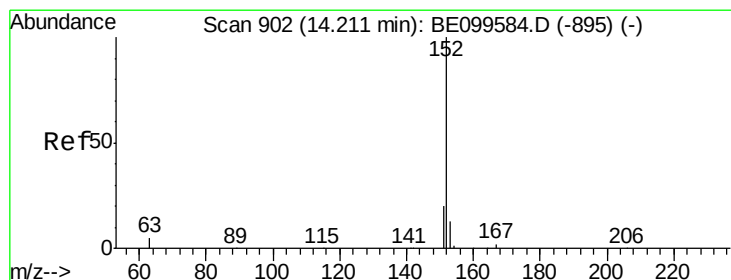
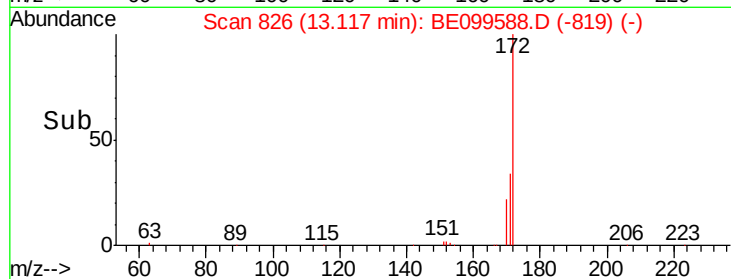
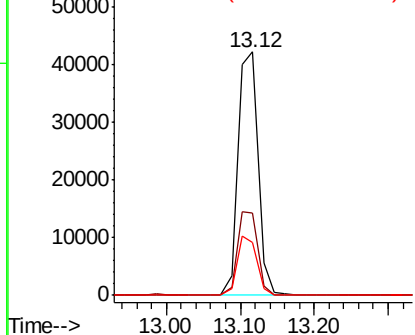
#15
2-Fluorobiphenyl
Concen: 5.323 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 79584
Ion Ratio Lower Upper
172 100
171 33.7 27.5 41.3
170 21.8 19.1 28.7

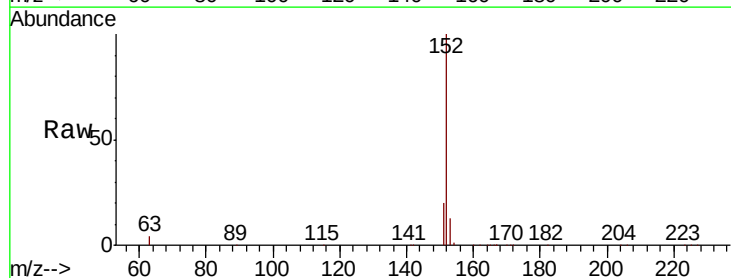


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

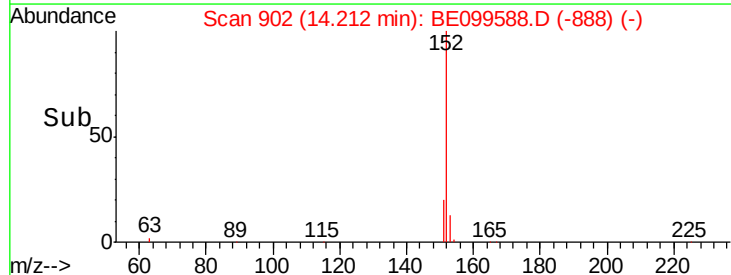
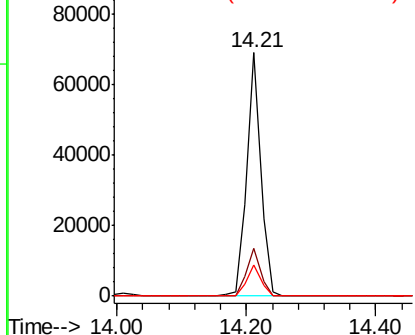


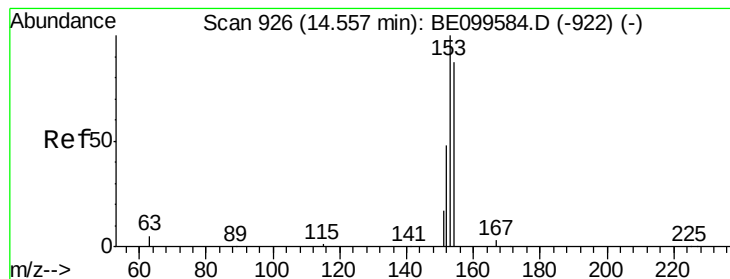
#16
Acenaphthylene
Concen: 5.441 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Tgt Ion:152 Resp: 103600
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 12.9 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: 5.406 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampled :

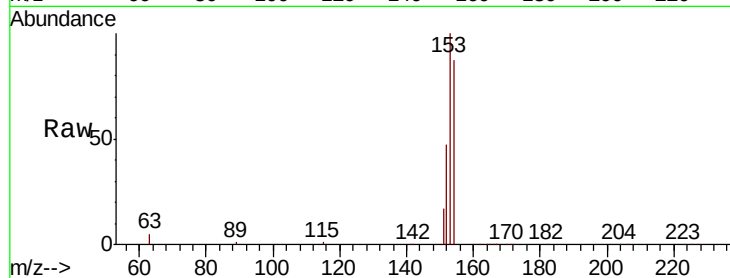
Tot Ion:154 Resp: 57503

Ion Ratio Lower Upper

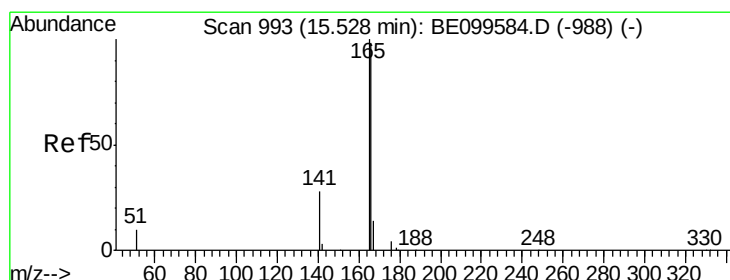
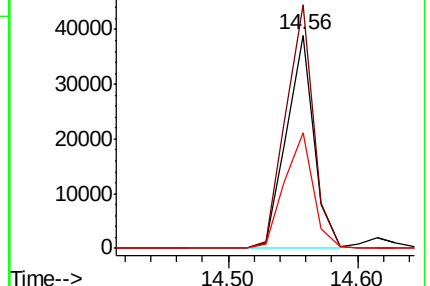
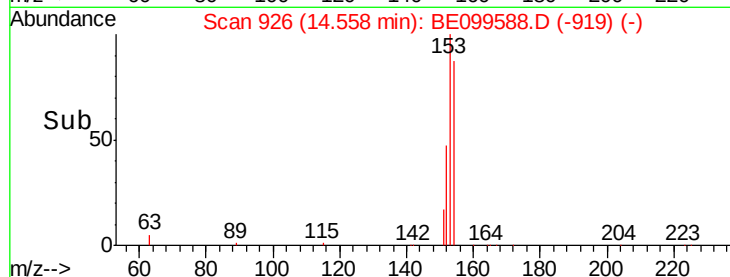
154 100

153 115.8 92.9 139.3

152 56.1 46.3 69.5



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: 5.420 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

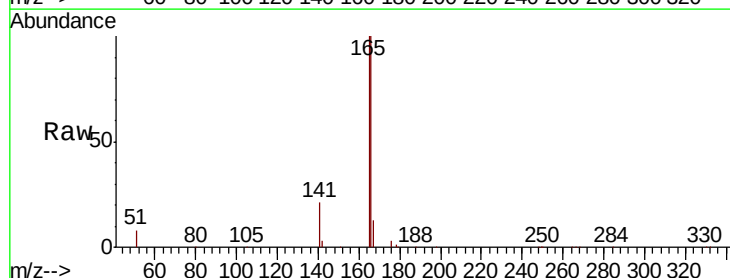
Tgt Ion:166 Resp: 82332

Ion Ratio Lower Upper

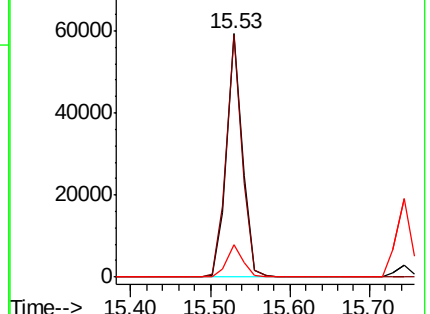
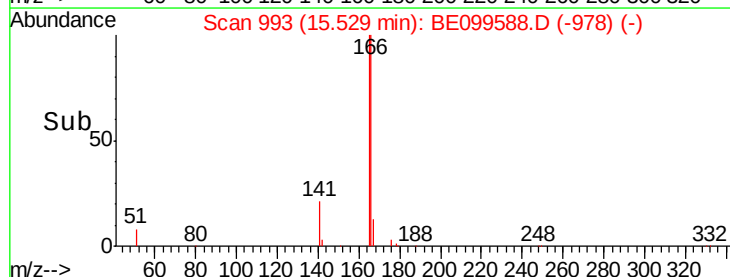
166 100

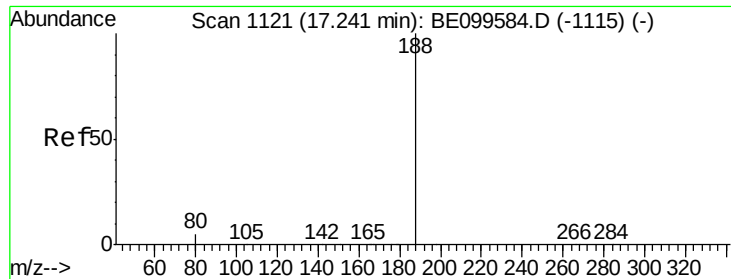
165 99.6 80.5 120.7

167 13.3 11.6 17.4



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

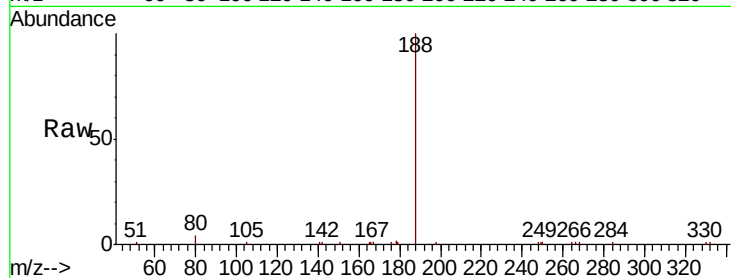




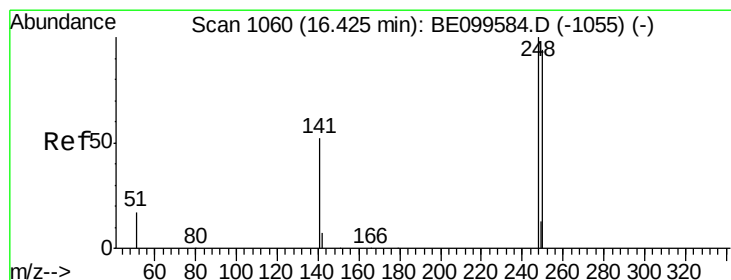
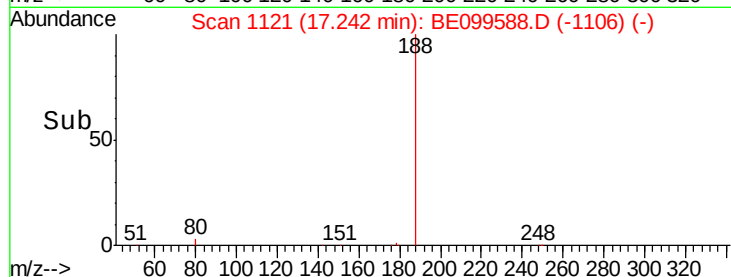
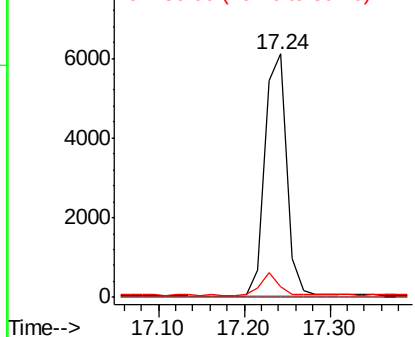
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 10664
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 4.5 4.4 6.6

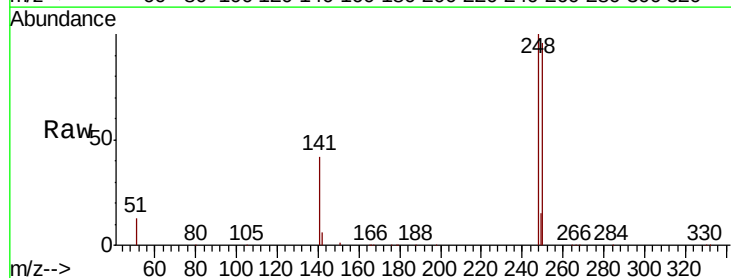


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

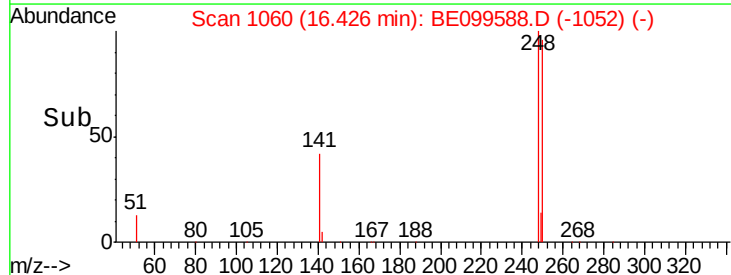
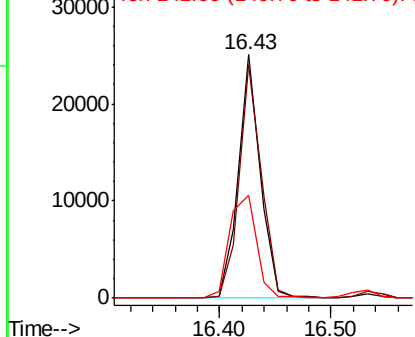


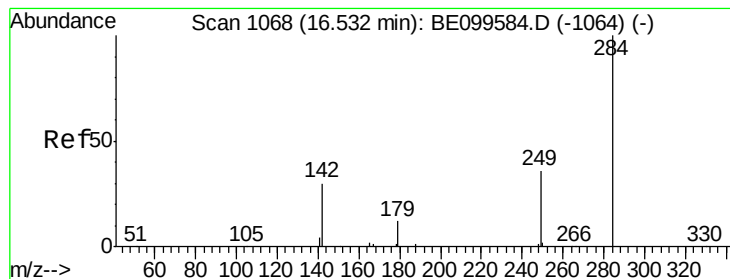
#20
4-Bromophenyl-phenylether
Concen: 5.590 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Tgt Ion:248 Resp: 33873
Ion Ratio Lower Upper
248 100
250 95.7 75.7 113.5
141 42.1 42.9 64.3#



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: 5.424 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

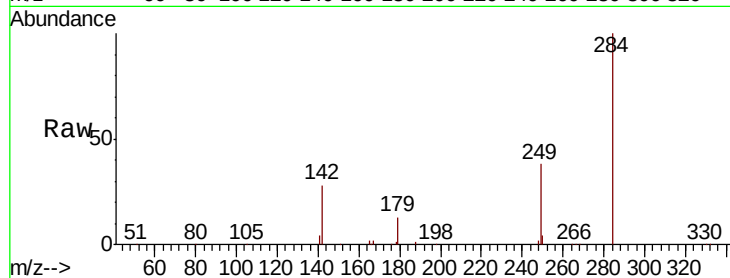
Tot Ion:284 Resp: 32685

Ion Ratio Lower Upper

284 100

142 25.5 20.6 30.8

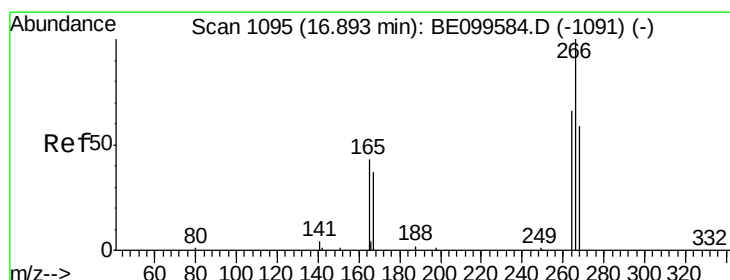
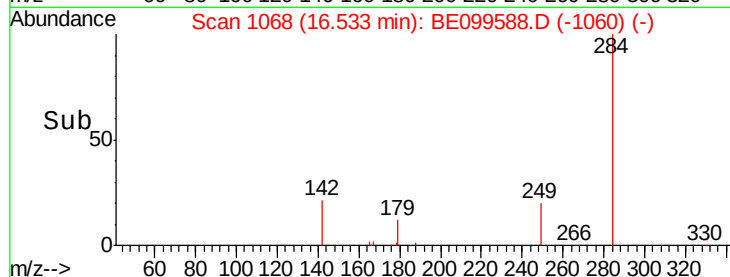
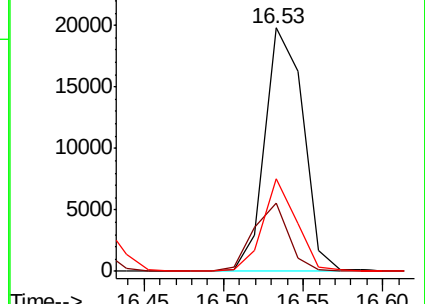
249 32.8 25.8 38.6



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: 6.754 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

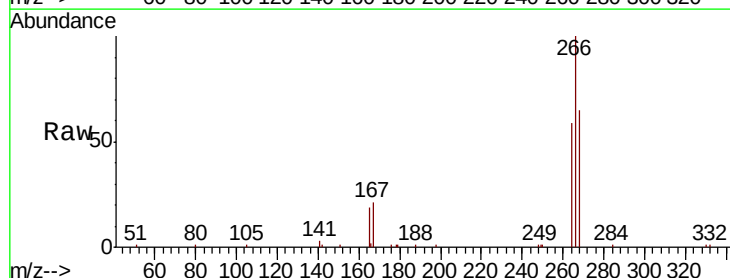
Tgt Ion:266 Resp: 16748

Ion Ratio Lower Upper

266 100

264 59.2 57.3 85.9

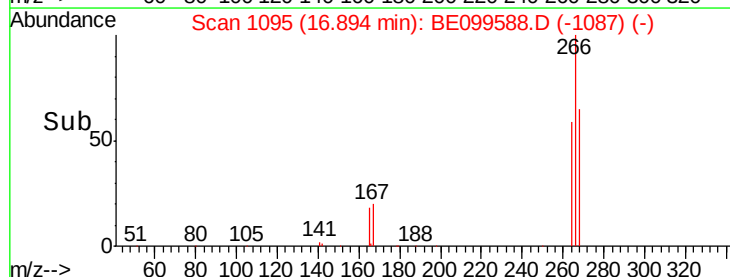
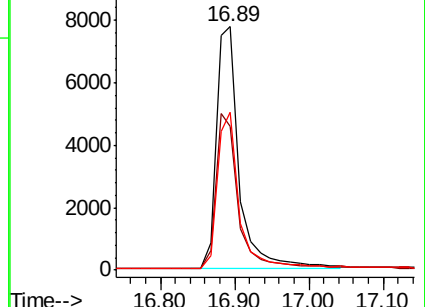
268 64.8 53.5 80.3

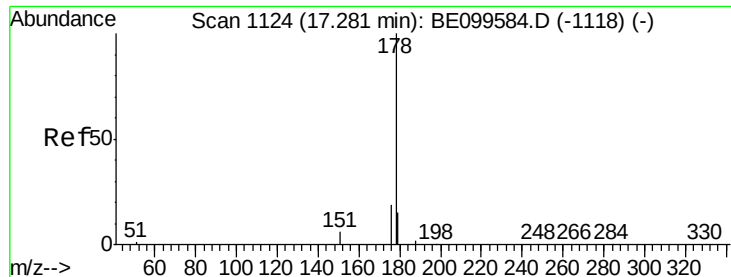


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.428 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

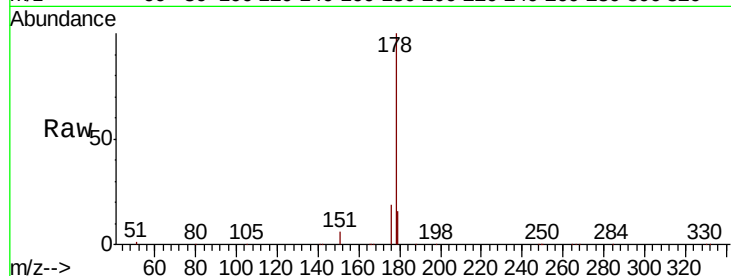
Tot Ion:178 Resp: 142663

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

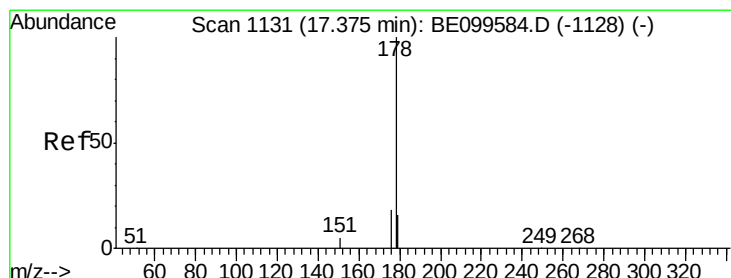
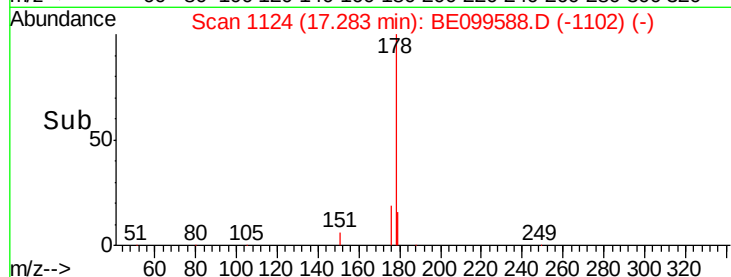
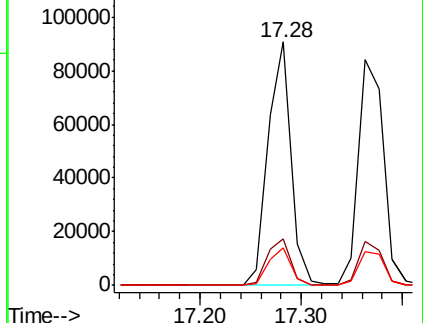
179 15.2 12.2 18.2



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: 5.663 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

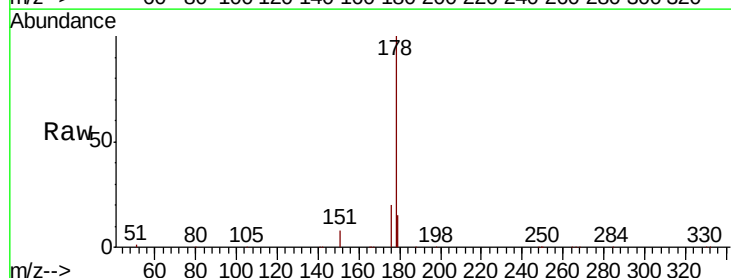
Tgt Ion:178 Resp: 143154

Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

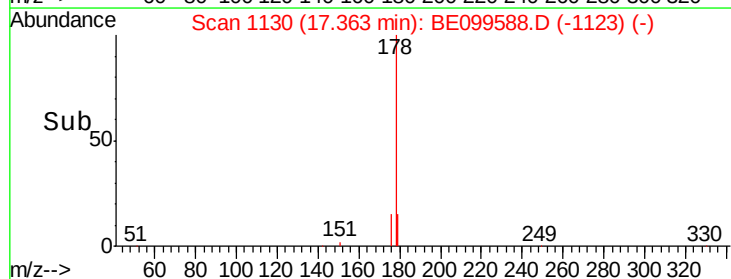
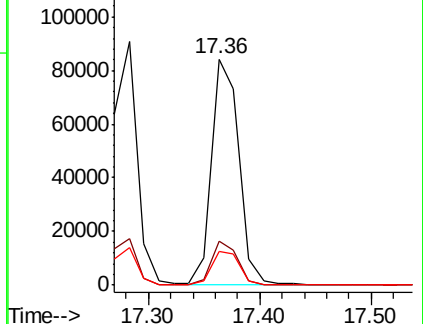
179 15.4 12.3 18.5

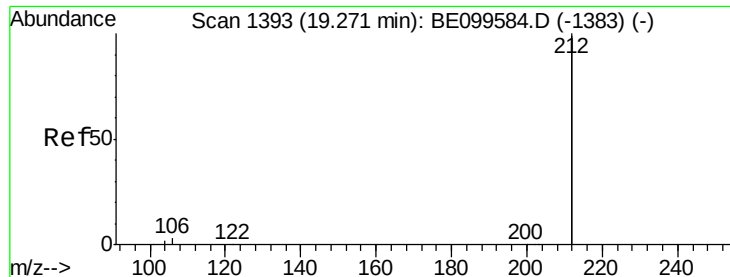


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.220 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

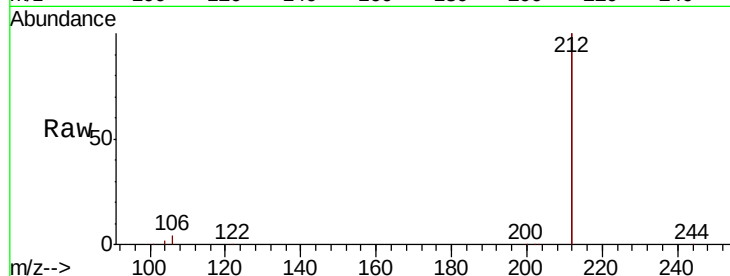
Tot Ion:212 Resp: 749578

Ion Ratio Lower Upper

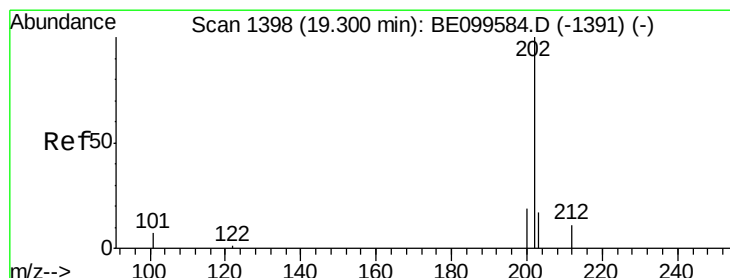
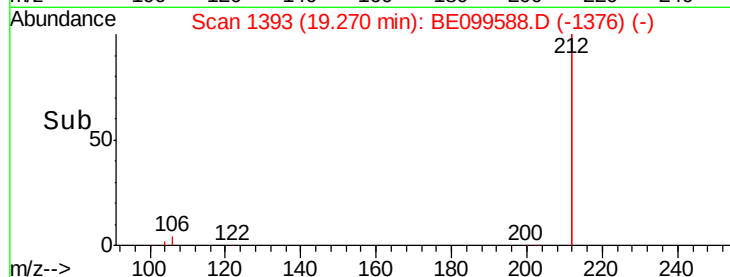
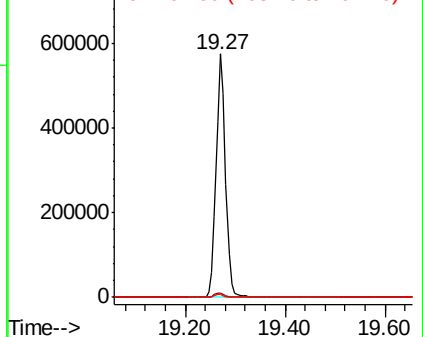
212 100

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: 5.326 ng

RT: 19.30 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

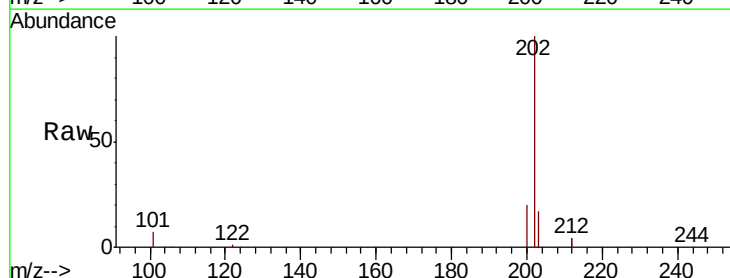
Tgt Ion:202 Resp: 215559

Ion Ratio Lower Upper

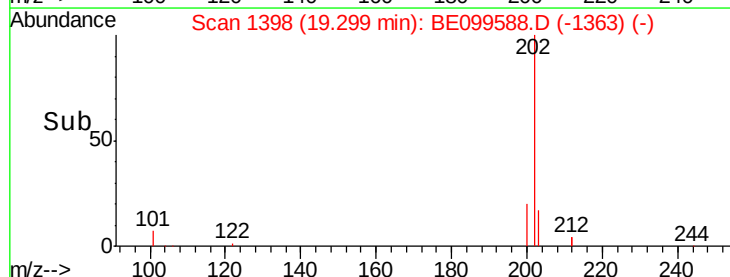
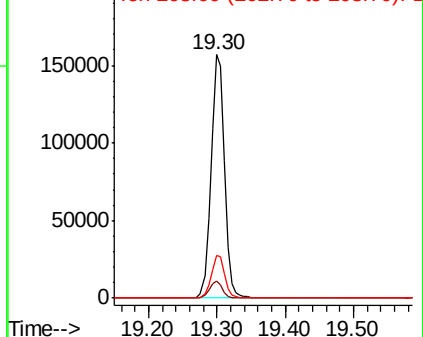
202 100

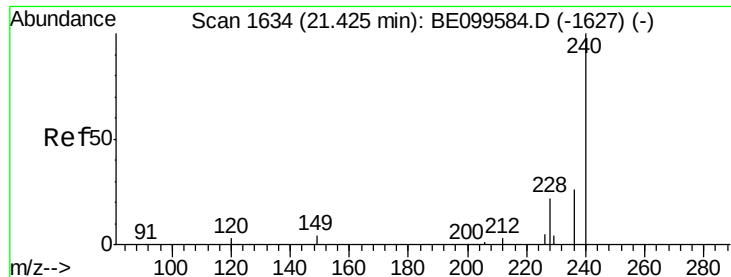
101 6.7 5.4 8.2

203 17.5 13.7 20.5



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

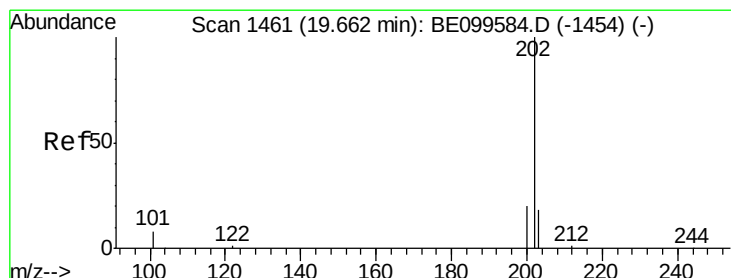
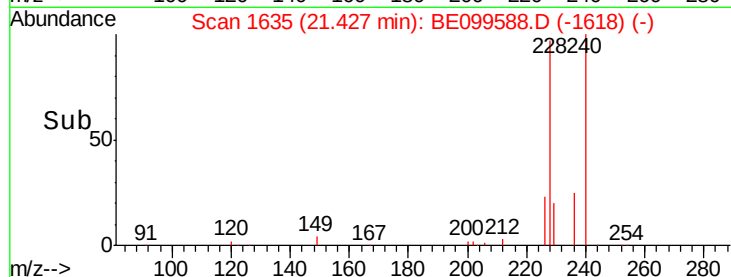
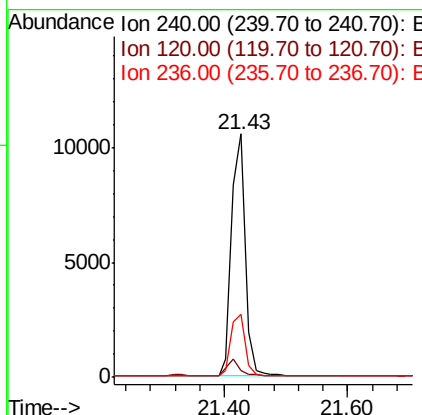
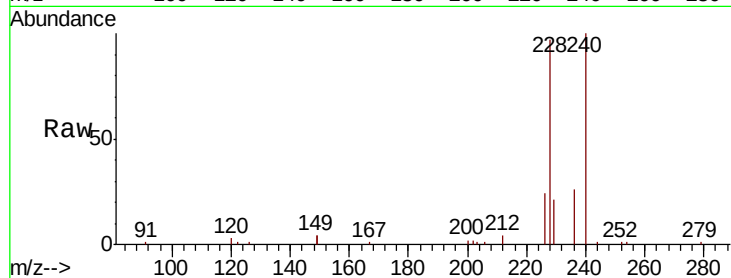




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

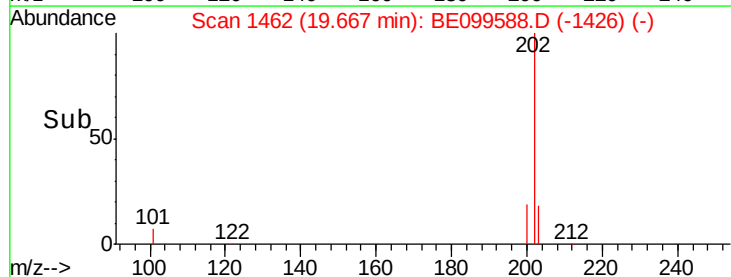
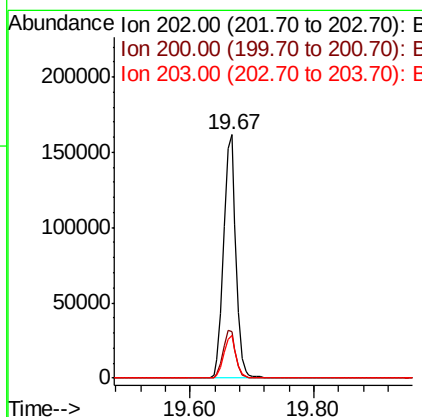
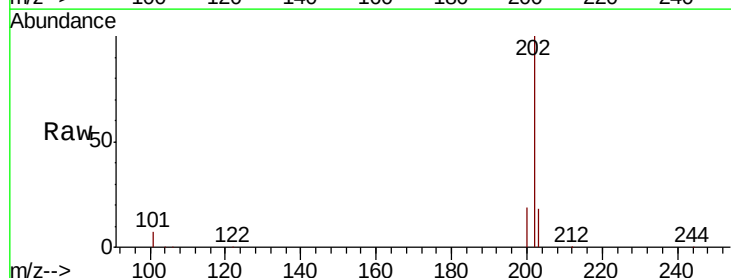
Instrument :
BNA_E
ClientSampleId :

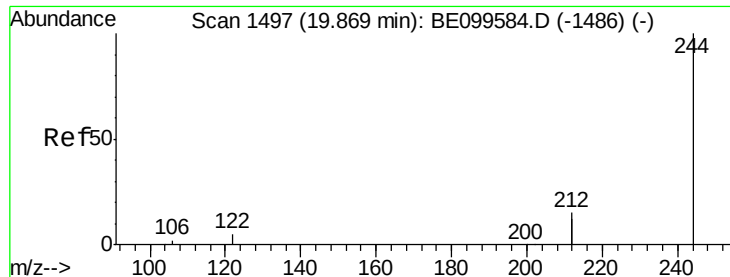
Tot Ion:240 Resp: 16174
Ion Ratio Lower Upper
240 100
120 2.8 3.2 4.8#
236 25.8 21.0 31.6



#28
Pyrene
Concen: 5.121 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Tgt Ion:202 Resp: 221909
Ion Ratio Lower Upper
202 100
200 19.8 15.9 23.9
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 5.120 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

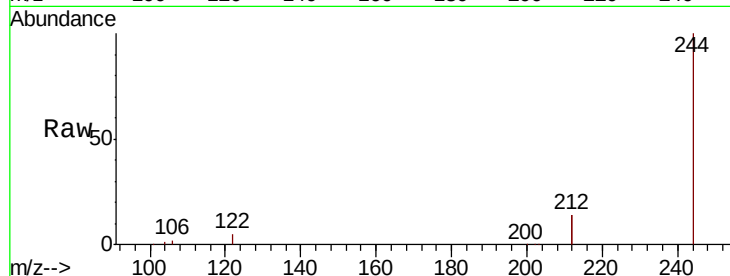
Tot Ion:244 Resp: 153452

Ion Ratio Lower Upper

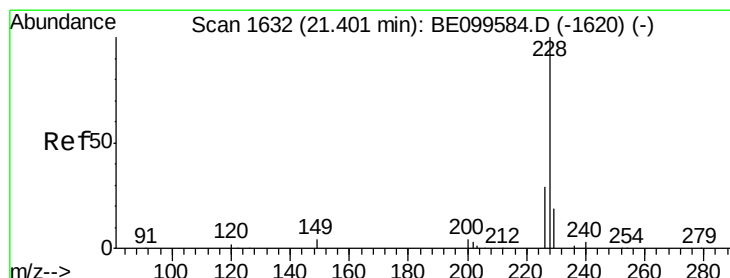
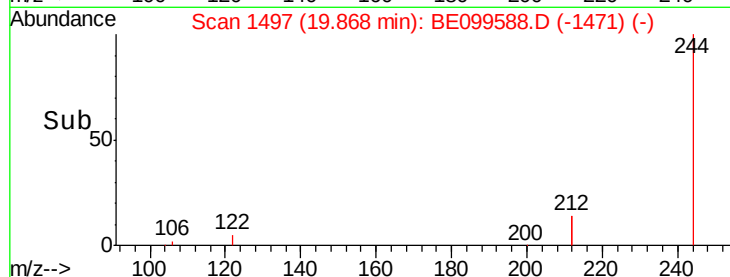
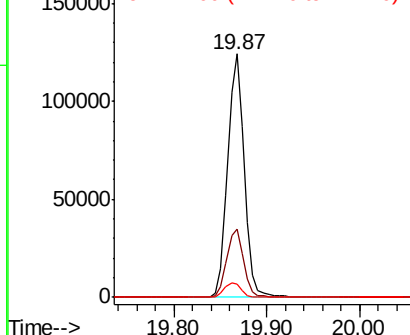
244 100

212 28.1 24.4 36.6

122 5.3 4.6 6.8



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: 5.057 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

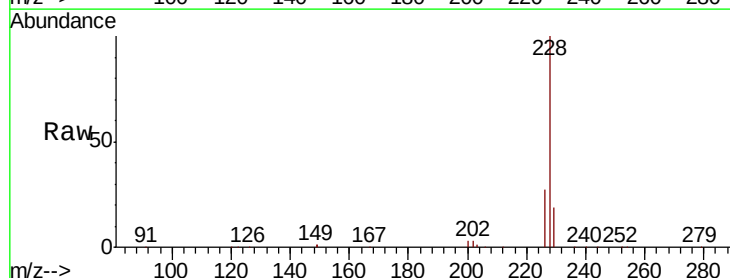
Tgt Ion:228 Resp: 253415

Ion Ratio Lower Upper

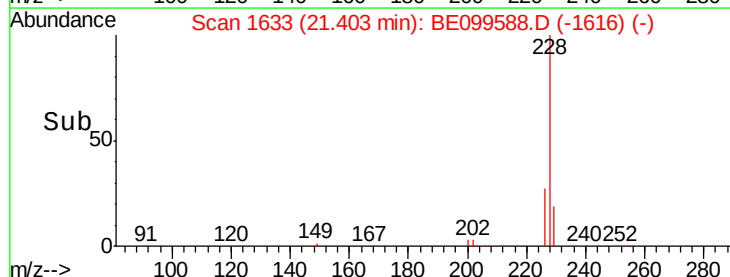
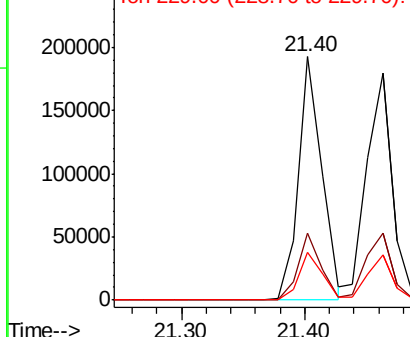
228 100

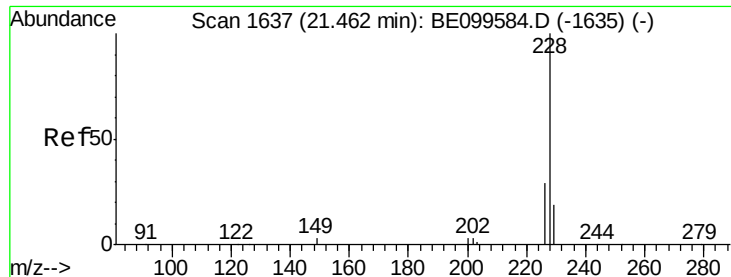
226 27.5 23.3 34.9

229 19.5 15.5 23.3



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: 5.227 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

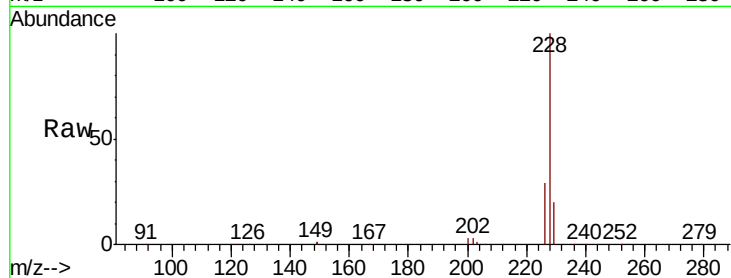
Tot Ion:228 Resp: 258458

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

229 20.0 15.6 23.4

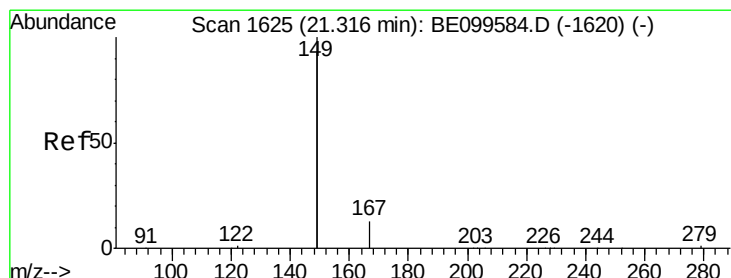
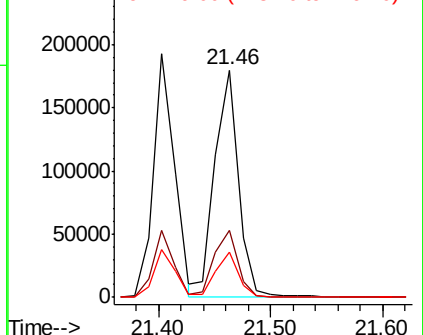
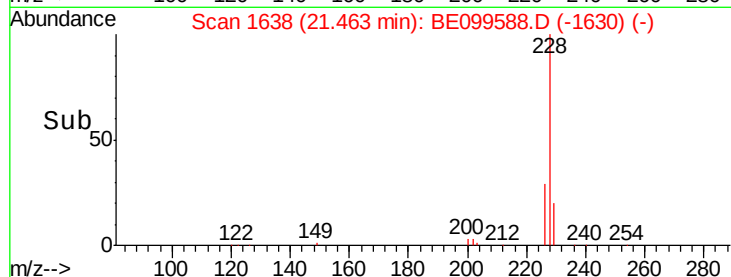


Abundance

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: 4.484 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

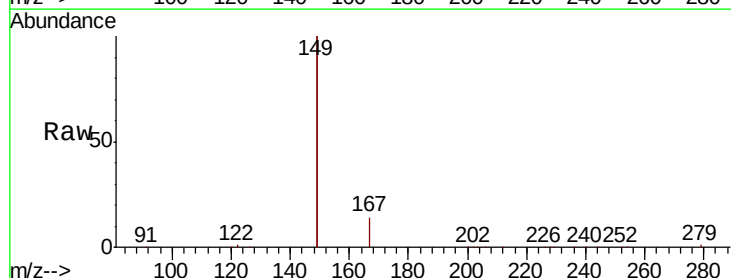
Tgt Ion:149 Resp: 356100

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

279 1.4 1.1 1.7

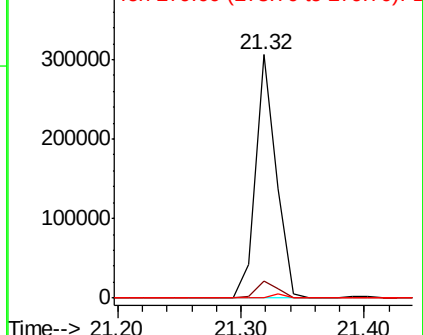
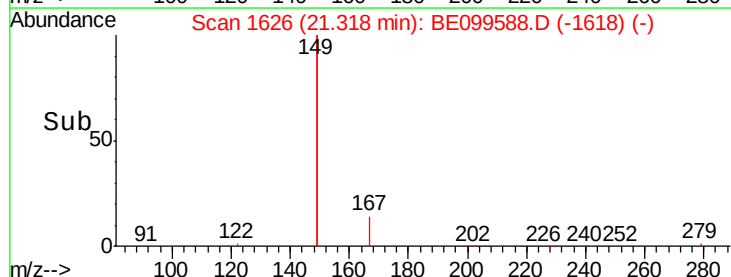


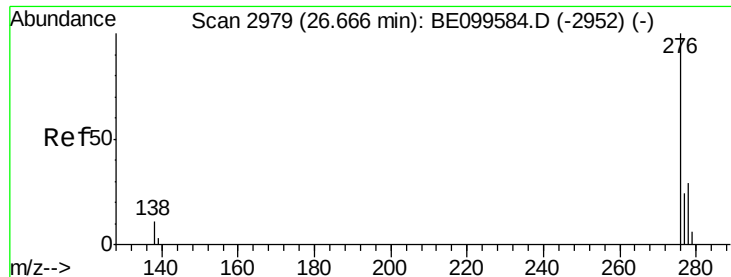
Abundance

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: 5.265 ng

RT: 26.67 min Scan# 2982

Delta R.T. 0.01 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

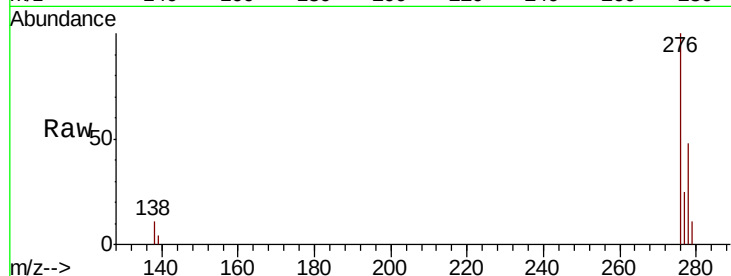
Instrument :

BNA_E

ClientSampleId :

Tot Ion:276 Resp: 309197

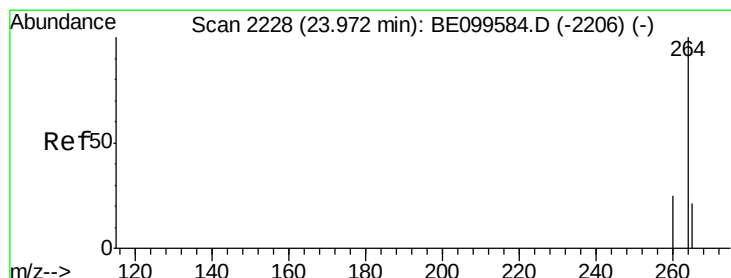
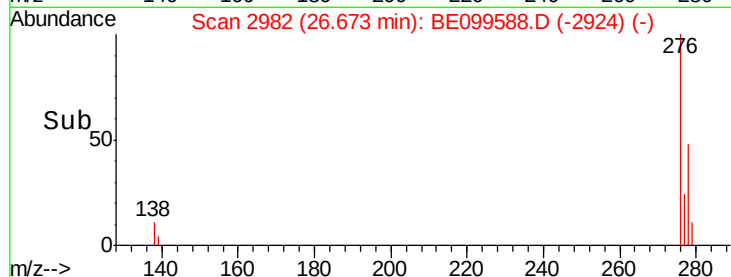
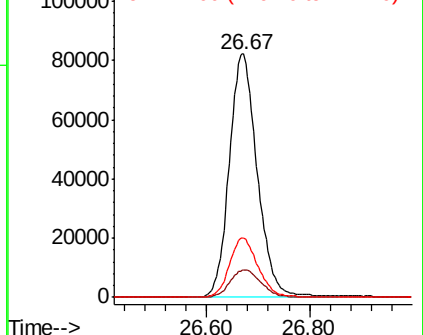
Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.2	15.2
277	24.8	19.8	29.8



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: 23.97 min Scan# 2227

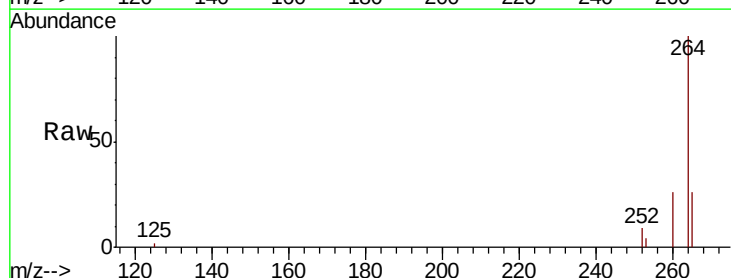
Delta R.T. -0.01 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Tgt Ion:264 Resp: 17032

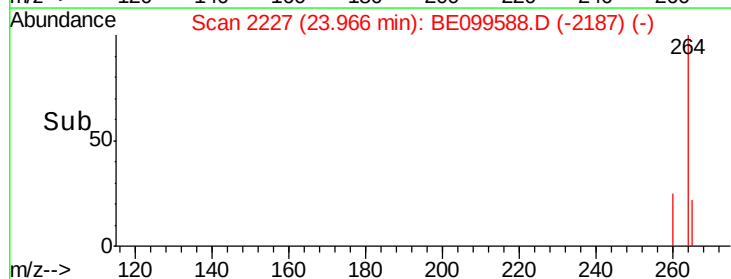
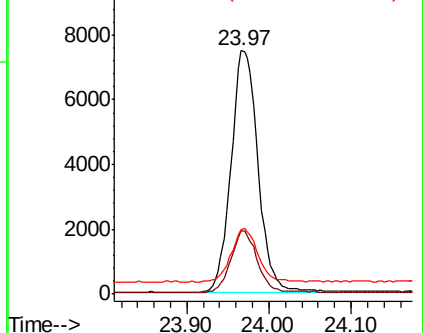
Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.3	30.5
265	26.3	20.9	31.3

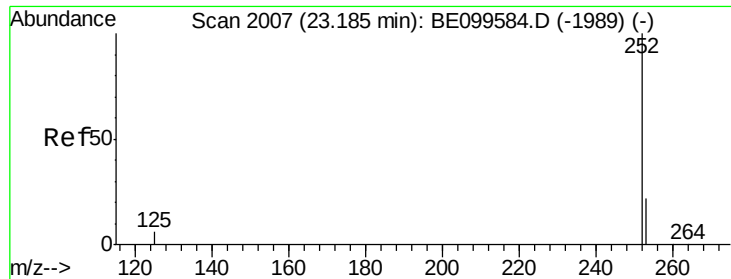


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

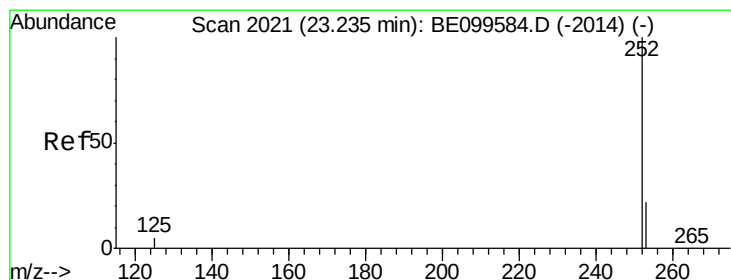
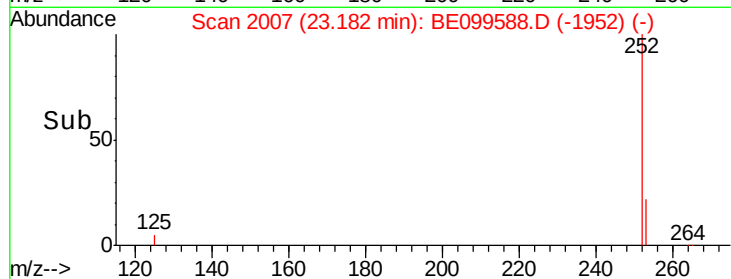
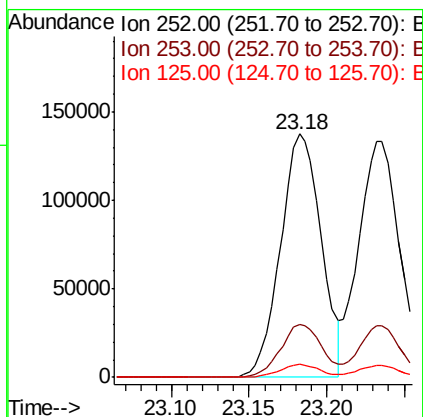
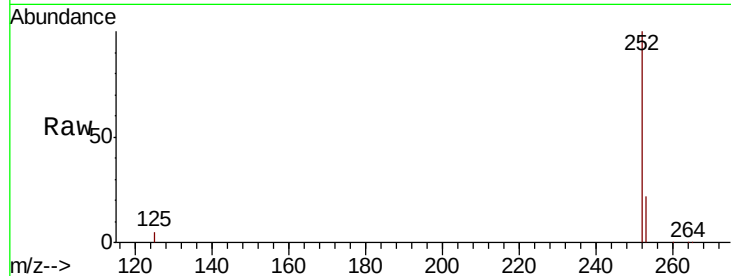




#35
Benzo(b)fluoranthene
Concen: 5.317 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

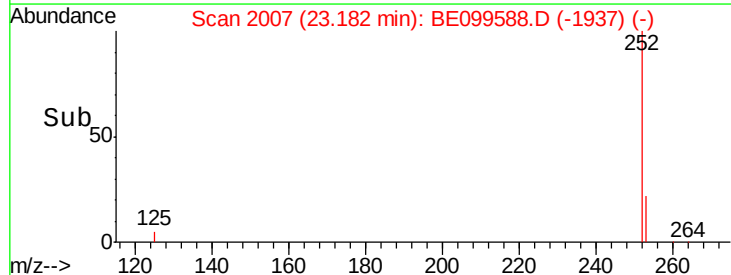
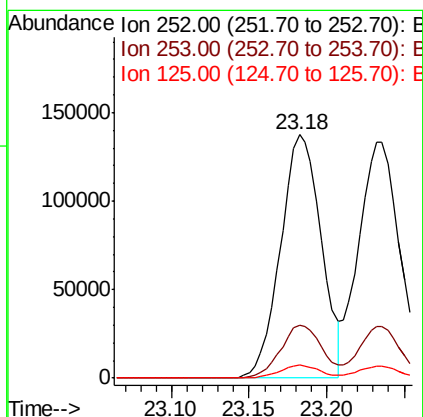
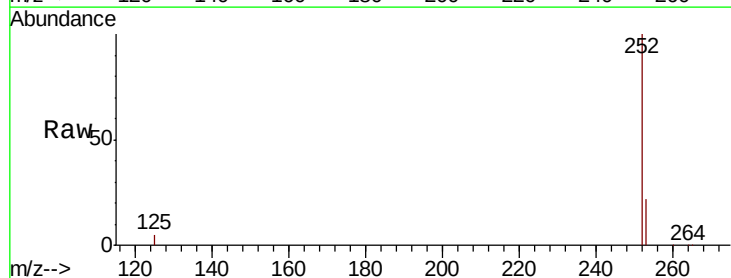
Instrument :
BNA_E
ClientSampleId :

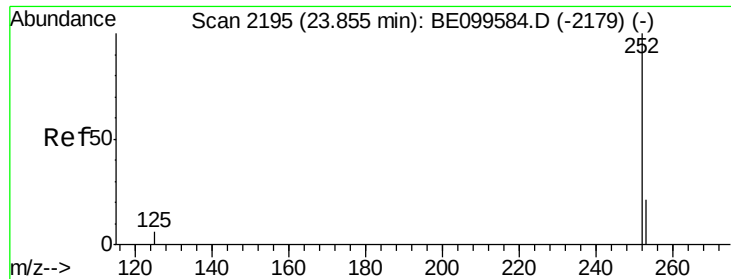
Tot Ion:252 Resp: 249806
Ion Ratio Lower Upper
252 100
253 21.8 18.6 28.0
125 5.3 6.0 9.0#



#36
Benzo(k)fluoranthene
Concen: 5.403 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.05 min
Lab File: BE099588.D
Acq: 9 May 2019 12:56

Tgt Ion:252 Resp: 249806
Ion Ratio Lower Upper
252 100
253 21.8 18.7 28.1
125 5.3 5.1 7.7





#37

Benzo(a)pyrene

Concen: 5.313 ng

RT: 23.85 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

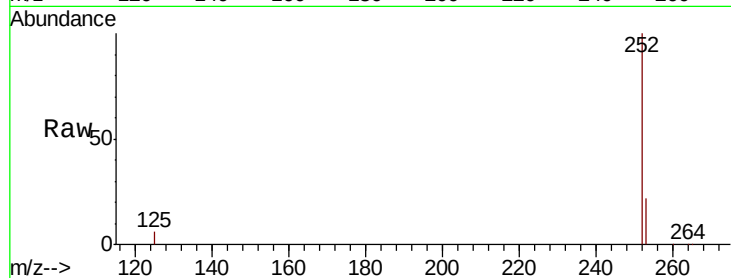
Tot Ion:252 Resp: 240678

Ion Ratio Lower Upper

252 100

253 21.9 18.6 27.8

125 5.7 6.4 9.6#

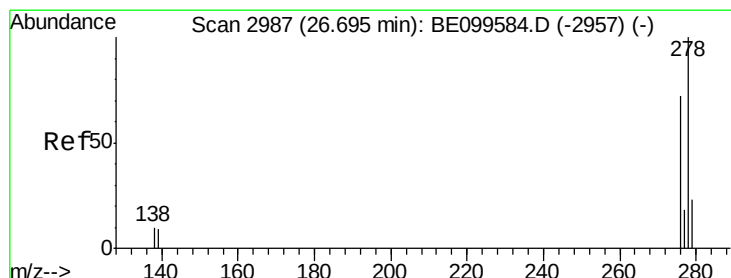
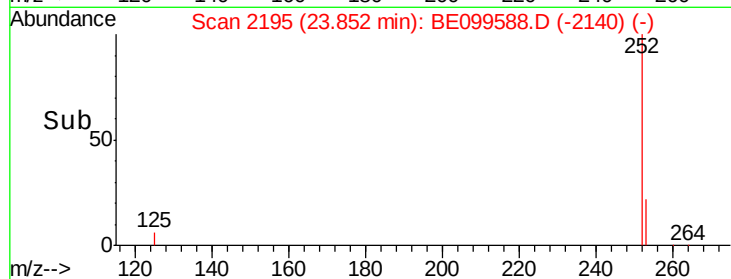
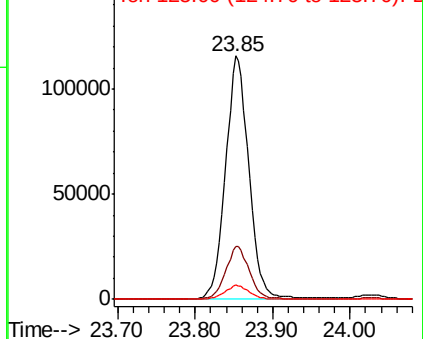


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 5.436 ng

RT: 26.70 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

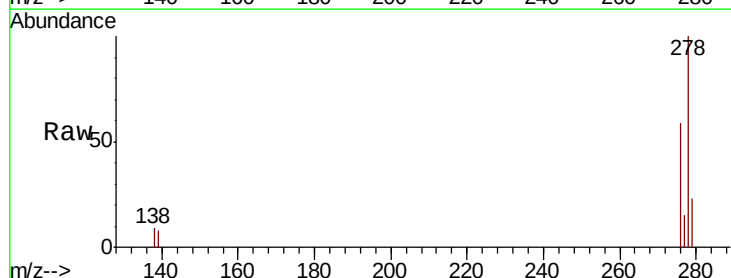
Tgt Ion:278 Resp: 254726

Ion Ratio Lower Upper

278 100

139 8.1 8.3 12.5#

279 23.3 19.4 29.2

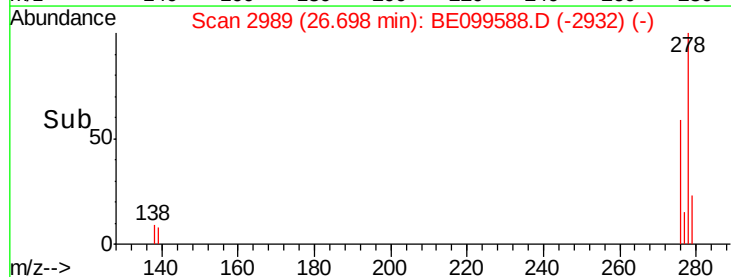
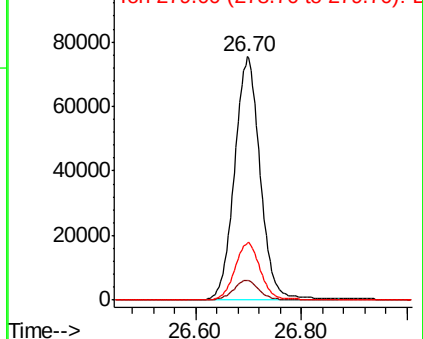


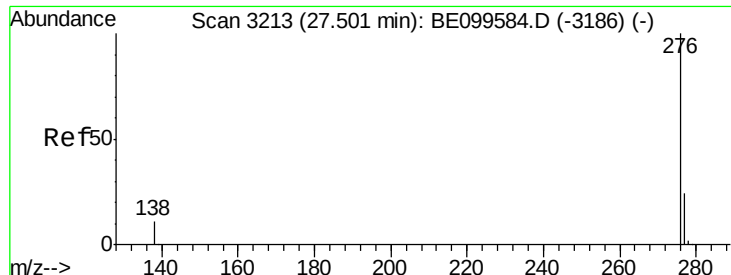
Abundance

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: 5.376 ng

RT: 27.51 min Scan# 3216

Delta R.T. 0.01 min

Lab File: BE099588.D

Acq: 9 May 2019 12:56

Instrument :

BNA_E

ClientSampleId :

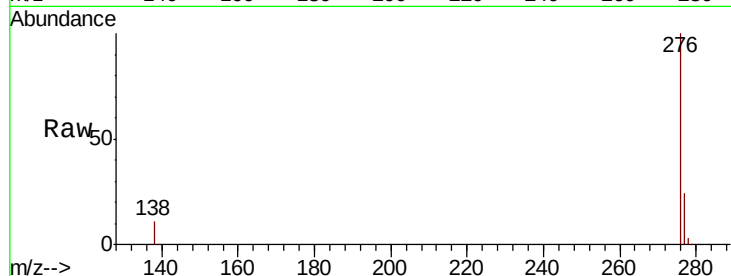
Tot Ion:276 Resp: 252308

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.6

138 10.9 9.4 14.2



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

