

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099584.D
 Acq On : 9 May 2019 10:33
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 09 11:57:11 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	1725	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6205	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4109	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11611	0.40	ng	0.00
27) Chrysene-d12	21.43	240	15508	0.40	ng	0.00
34) Perylene-d12	23.97	264	18555	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1636	0.34	ng	0.00
5) Phenol-d6	6.98	99	2166	0.34	ng	0.00
8) Nitrobenzene-d5	8.98	82	2049	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3774	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	849	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	5704	0.37	ng	0.00
25) Fluoranthene-d10	19.27	212	54331	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	10866	0.38	ng	0.00

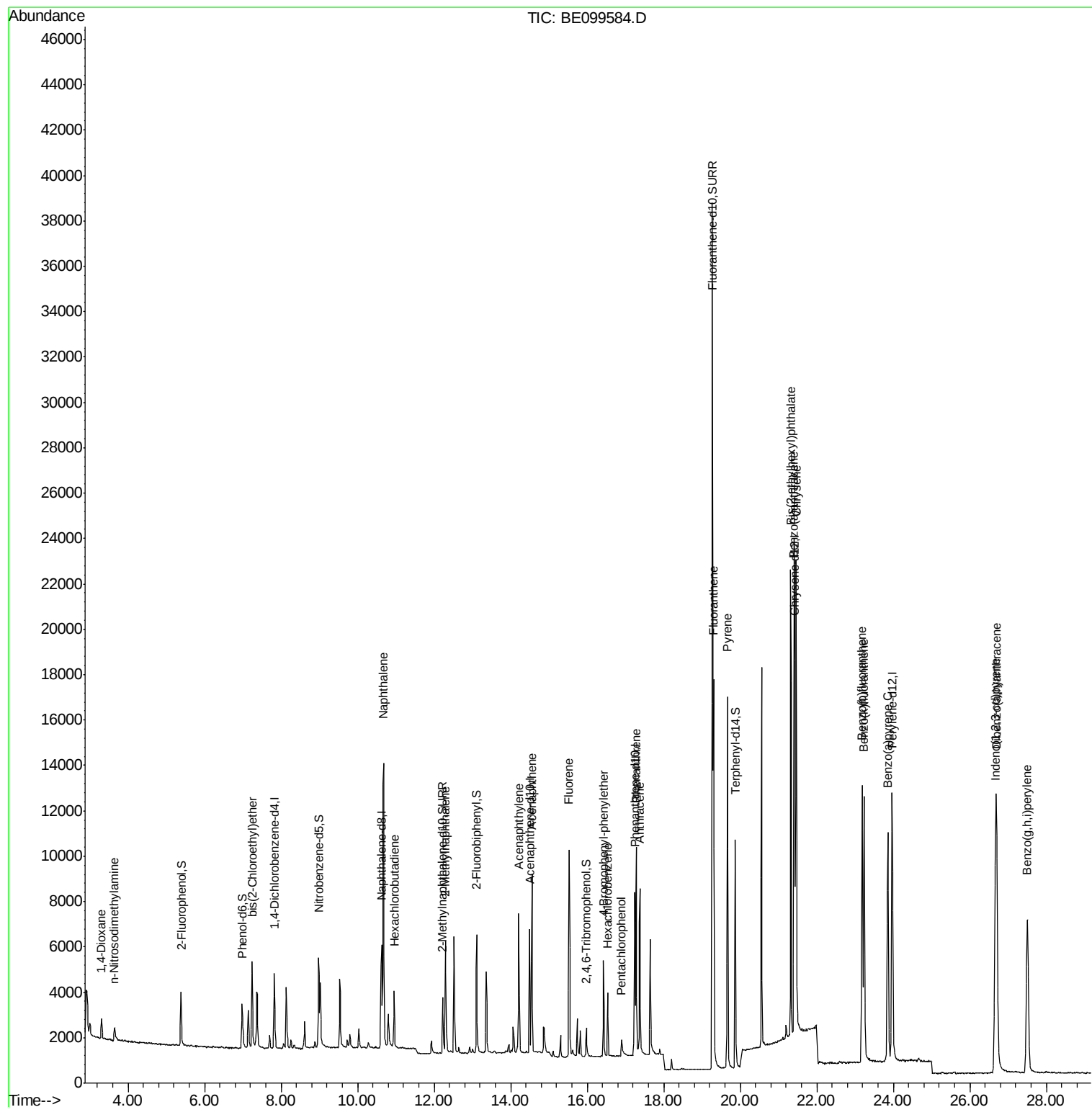
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	831	0.341	ng	90
3) n-Nitrosodimethylamine	3.64	42	505	0.313	ng	100
6) bis(2-Chloroethyl)ether	7.24	93	1808	0.345	ng	100
9) Naphthalene	10.68	128	23525	0.358	ng	100
10) Hexachlorobutadiene	10.95	225	1719	0.360	ng	100
12) 2-Methylnaphthalene	12.29	142	3867	0.347	ng	100
16) Acenaphthylene	14.21	152	7065	0.356	ng	100
17) Acenaphthene	14.56	154	4020	0.363	ng	100
18) Fluorene	15.53	166	5605	0.354	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	2307	0.350	ng	100
21) Hexachlorobenzene	16.53	284	2409	0.367	ng	99
22) Pentachlorophenol	16.89	266	786	0.291	ng	100
23) Phenanthrene	17.28	178	10289	0.360	ng	100
24) Anthracene	17.38	178	9319	0.339	ng	100
26) Fluoranthene	19.30	202	15525	0.352	ng	100
28) Pyrene	19.66	202	16130	0.388	ng	100
30) Benzo(a)anthracene	21.40	228	18782	0.391	ng	100
31) Chrysene	21.46	228	18792	0.396	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	26072	0.342	ng	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	22715	0.403	ng	100
35) Benzo(b)fluoranthene	23.18	252	18596	0.363	ng	100
36) Benzo(k)fluoranthene	23.23	252	18790	0.373	ng	100
37) Benzo(a)pyrene	23.85	252	17966	0.364	ng	100
38) Dibenzo(a,h)anthracene	26.69	278	18646	0.365	ng	100
39) Benzo(g,h,i)perylene	27.50	276	19031	0.372	ng	100

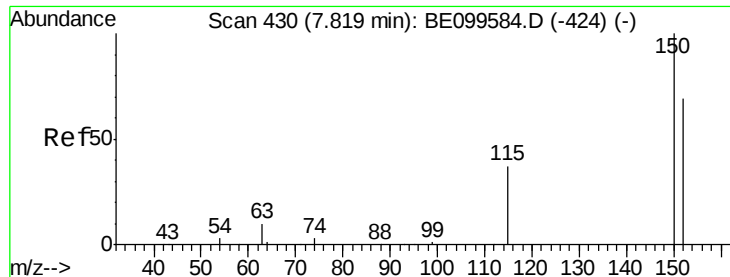
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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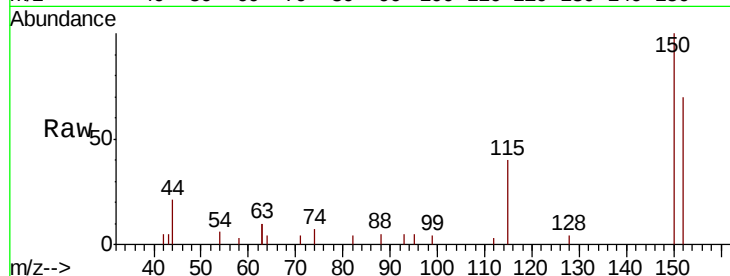


#1

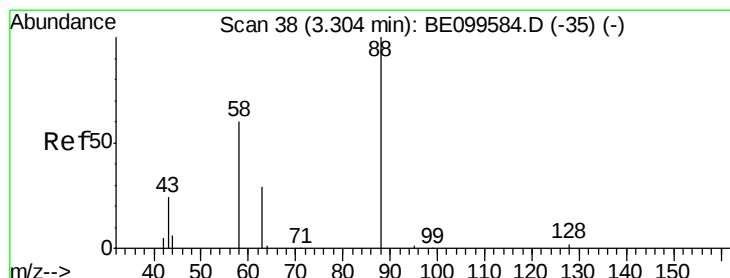
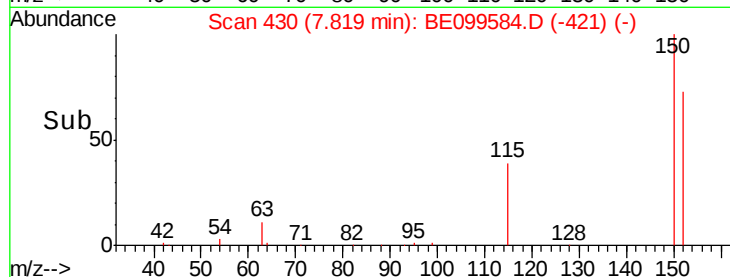
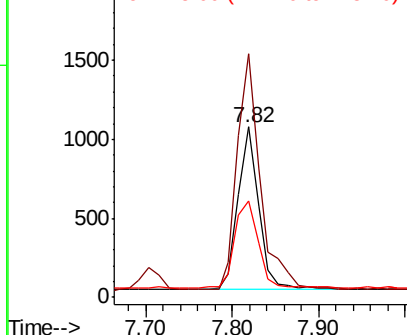
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1725
Ion Ratio Lower Upper
152 100
150 142.8 114.2 171.4
115 56.7 45.4 68.0



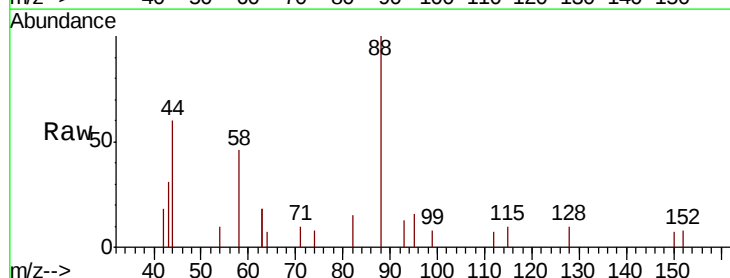
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



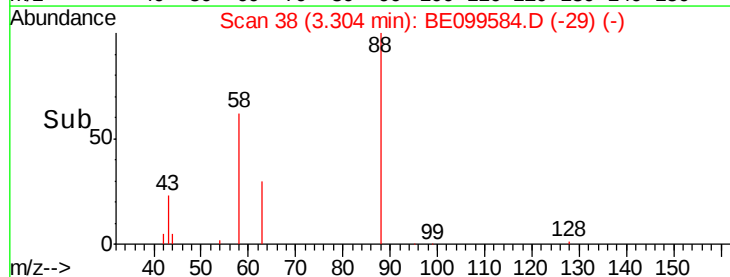
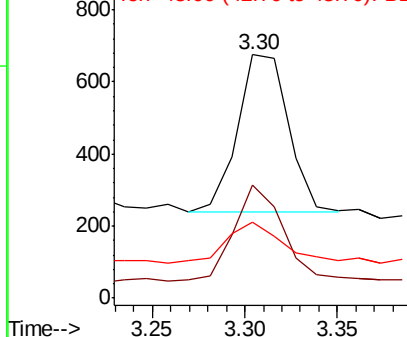
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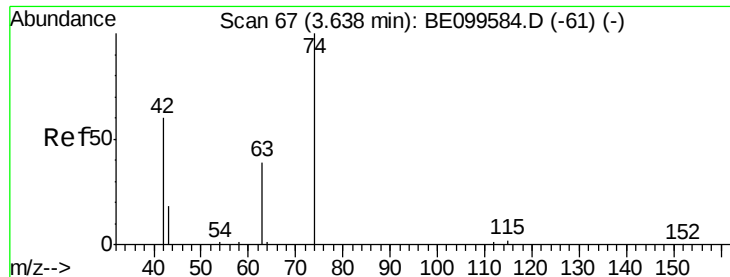
1,4-Dioxane
Concen: 0.341 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Tgt Ion: 88 Resp: 831
Ion Ratio Lower Upper
88 100
58 61.0 41.3 61.9
43 27.8 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: 0.313 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

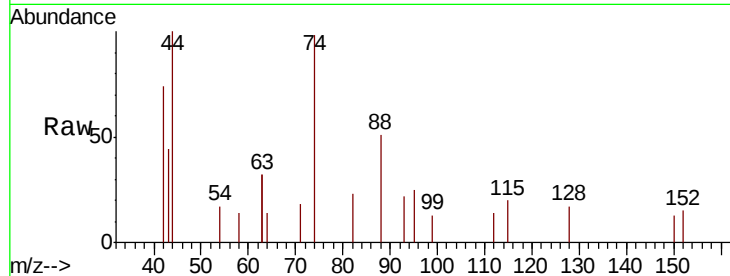
Tot Ion: 42 Resp: 505

Ion Ratio Lower Upper

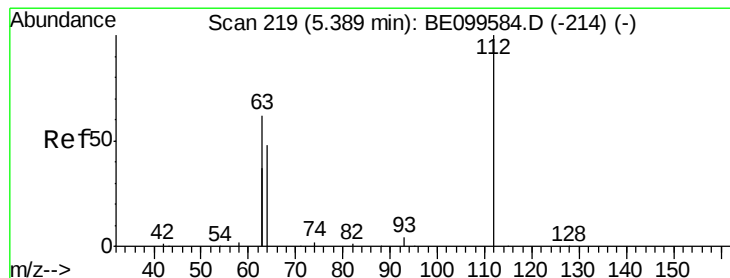
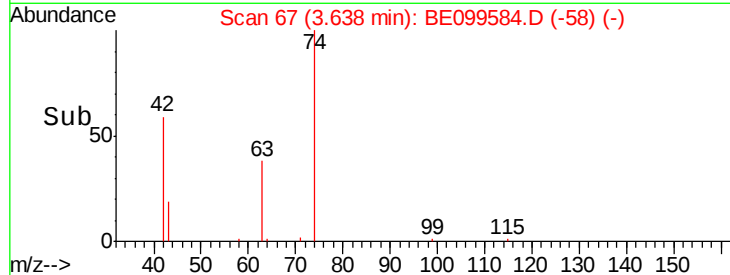
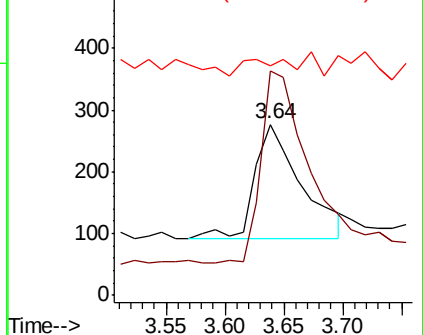
42 100

74 171.1 136.9 205.3

44 8.9 7.1 10.7



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: 0.342 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

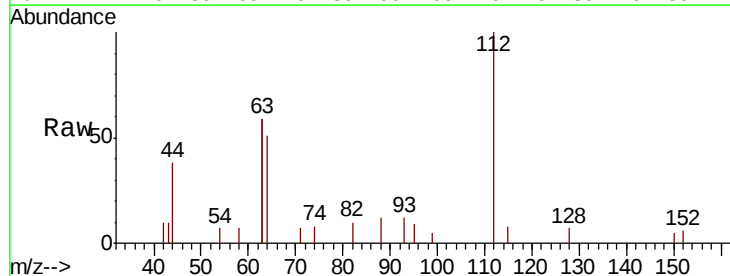
Tgt Ion: 112 Resp: 1636

Ion Ratio Lower Upper

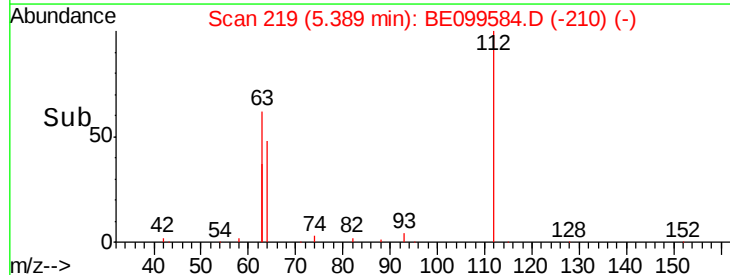
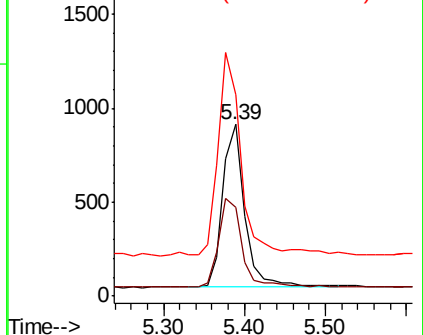
112 100

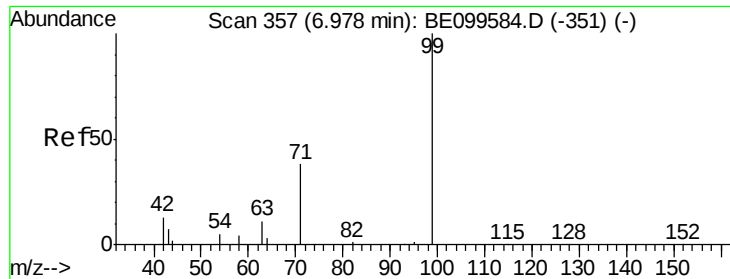
64 57.8 46.2 69.4

63 125.3 100.2 150.4



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





#5

Phenol-d6

Concen: 0.344 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampled :

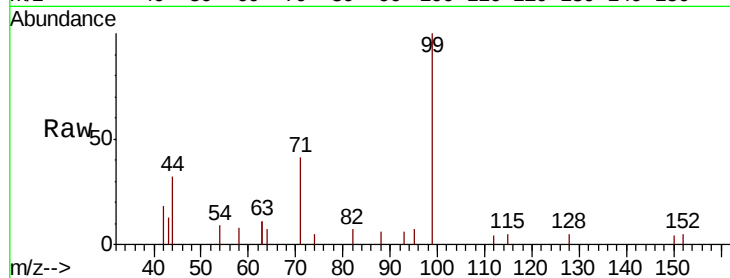
Tot Ion: 99 Resp: 2166

Ion Ratio Lower Upper

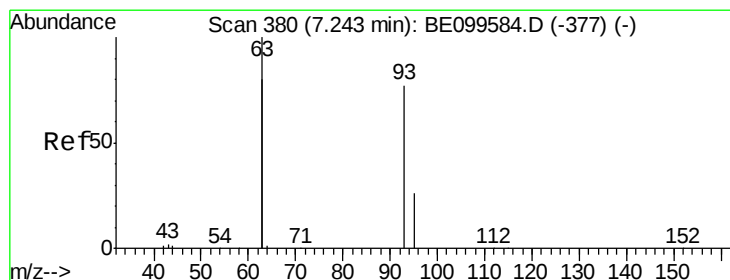
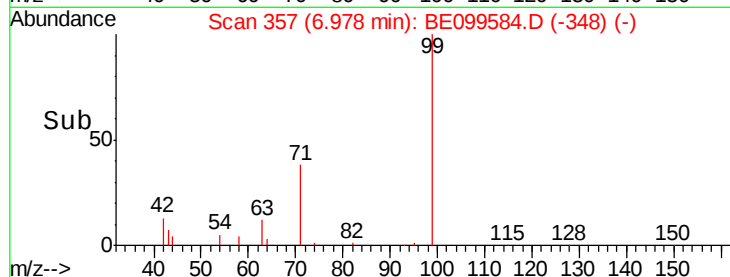
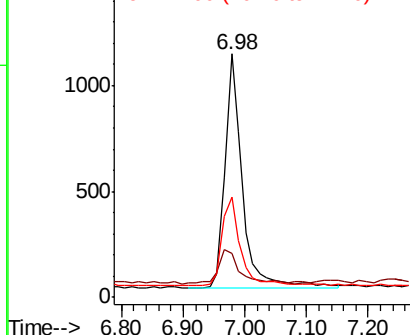
99 100

42 17.3 13.8 20.8

71 40.3 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: 0.345 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

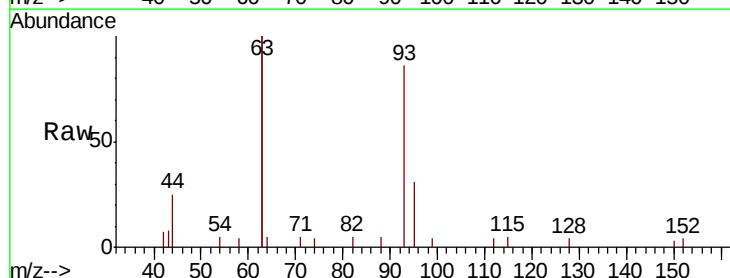
Tgt Ion: 93 Resp: 1808

Ion Ratio Lower Upper

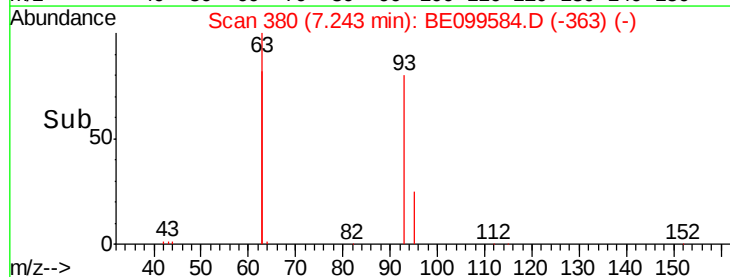
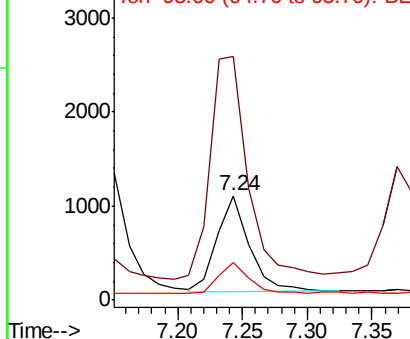
93 100

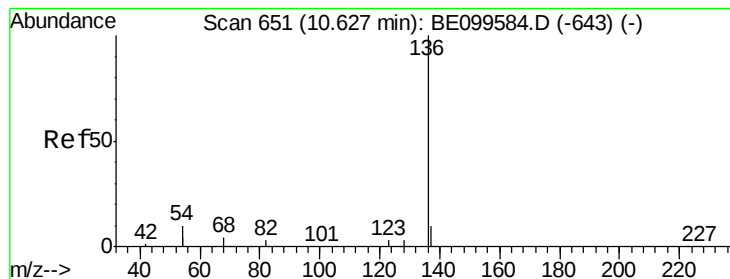
63 266.7 213.4 320.0

95 31.1 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: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6205

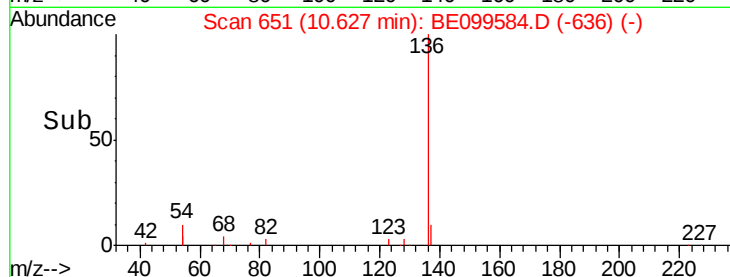
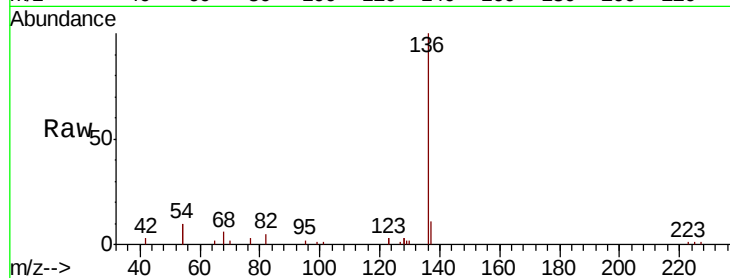
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 20.6 16.5 24.7

68 5.6 4.5 6.7

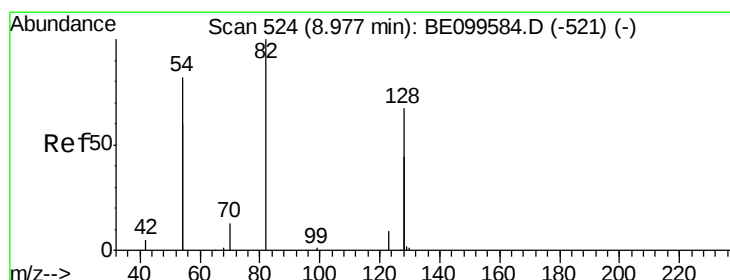
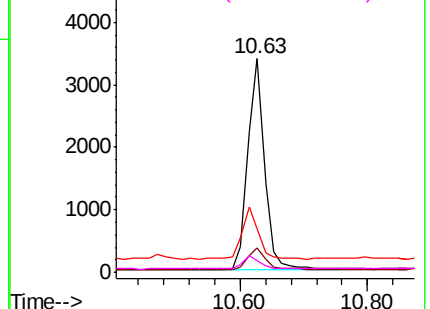


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.343 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

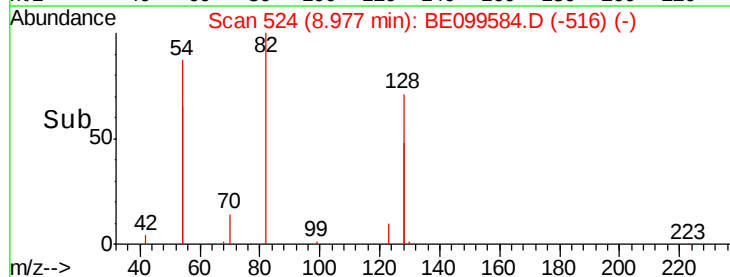
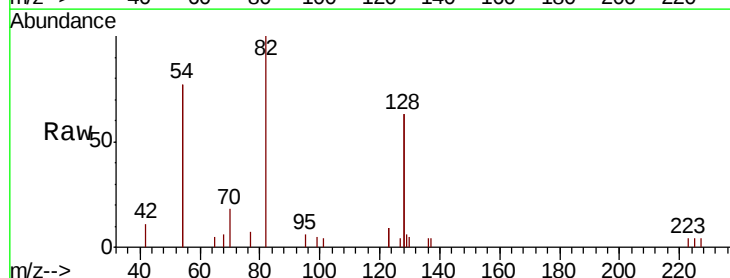
Tgt Ion: 82 Resp: 2049

Ion Ratio Lower Upper

82 100

128 126.9 101.5 152.3

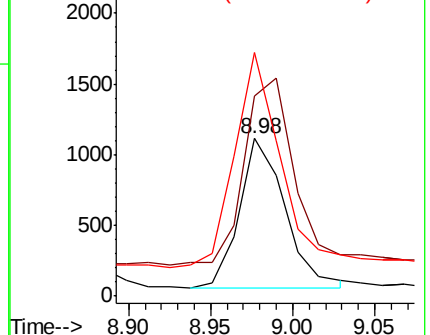
54 154.7 123.8 185.6

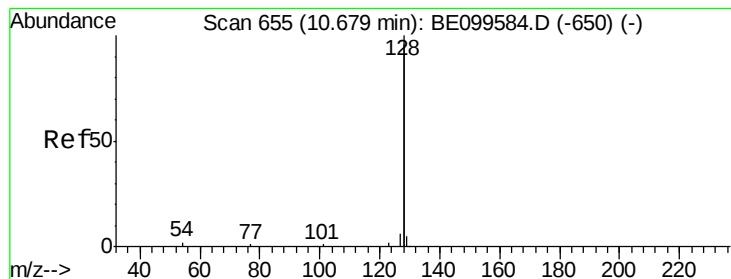


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.358 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

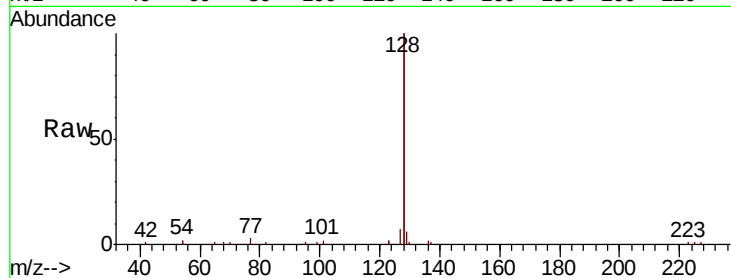
Tot Ion:128 Resp: 23525

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

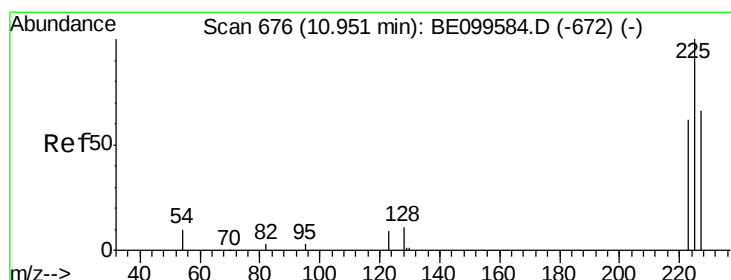
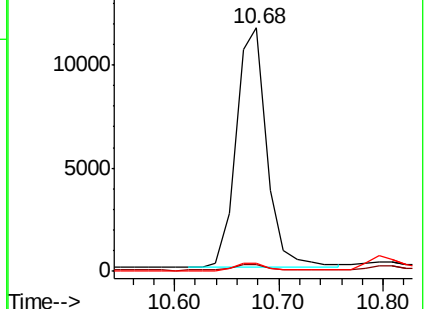
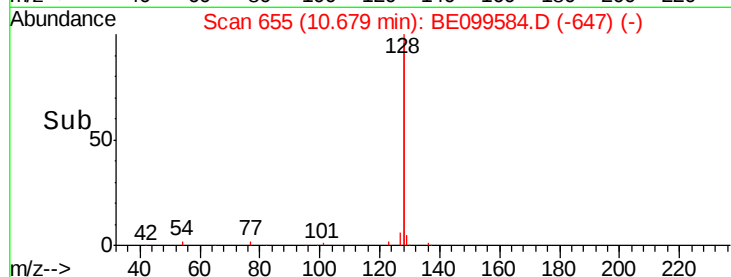
127 3.5 2.8 4.2



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: 0.360 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

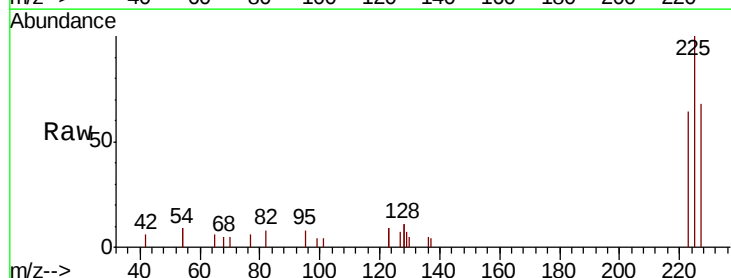
Tgt Ion:225 Resp: 1719

Ion Ratio Lower Upper

225 100

223 62.0 49.6 74.4

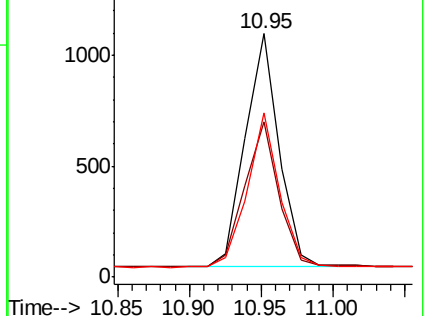
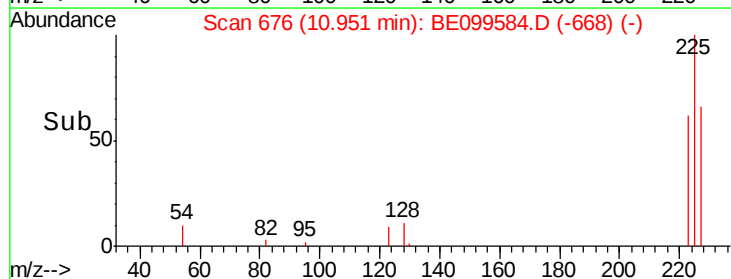
227 62.6 50.1 75.1

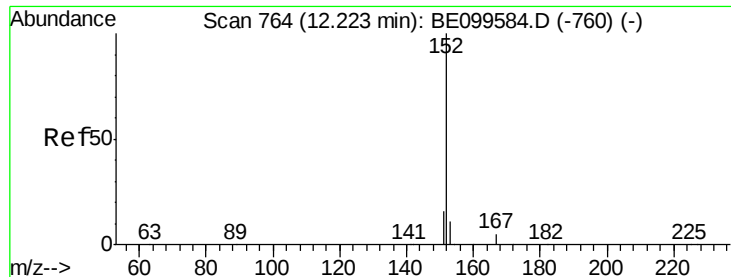


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

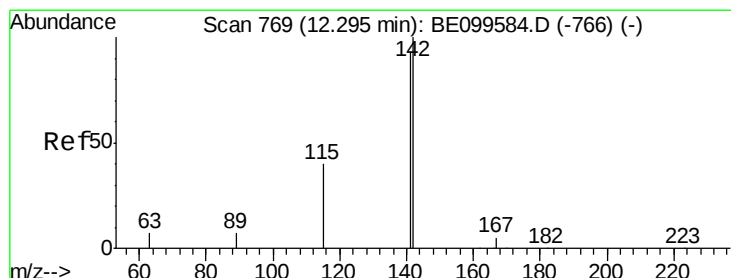
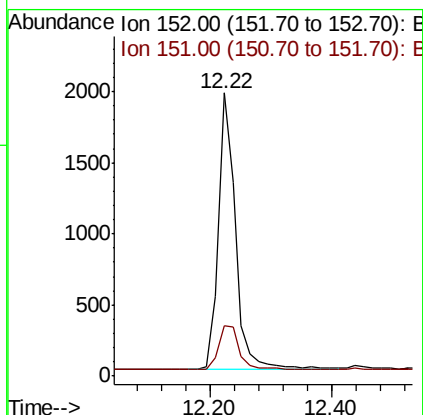
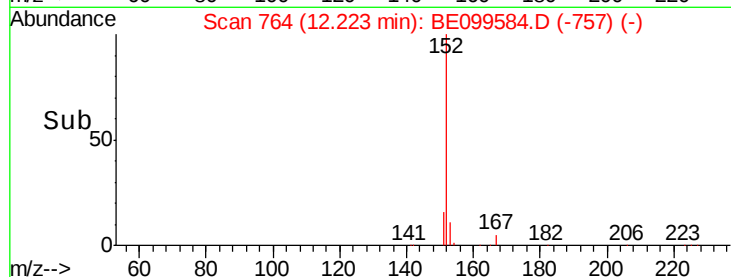
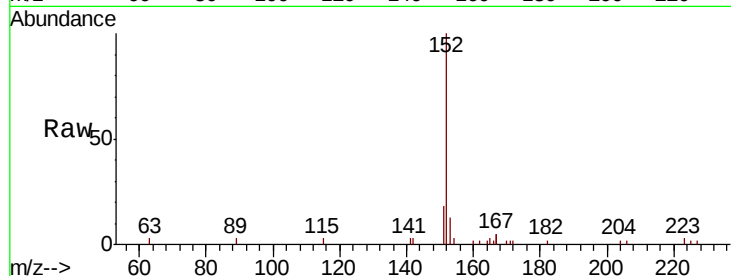




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

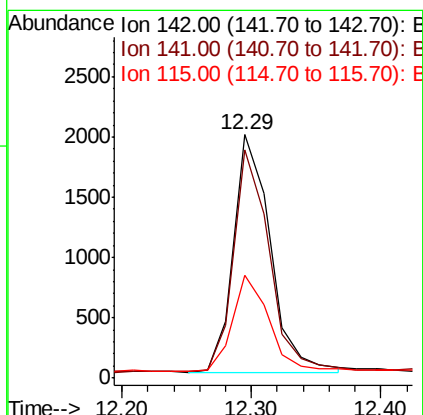
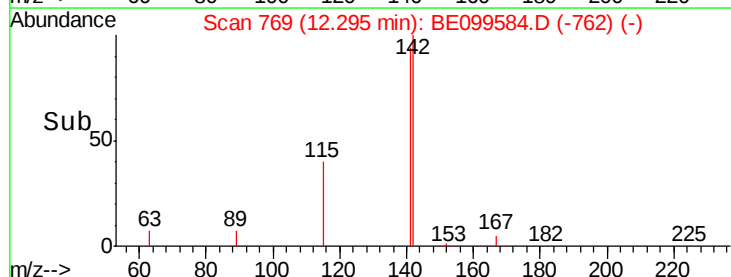
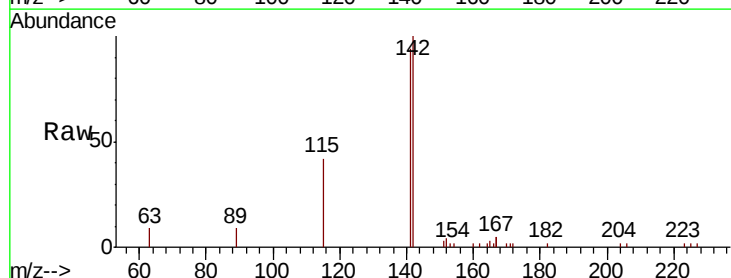
Instrument :
BNA_E
ClientSampleId :

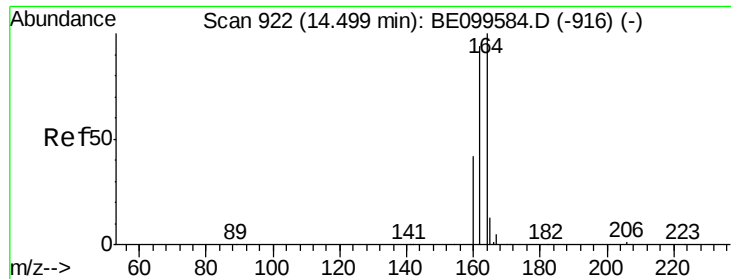
Tot Ion:152 Resp: 3774
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.29 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Tgt Ion:142 Resp: 3867
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4
115 42.1 33.7 50.5

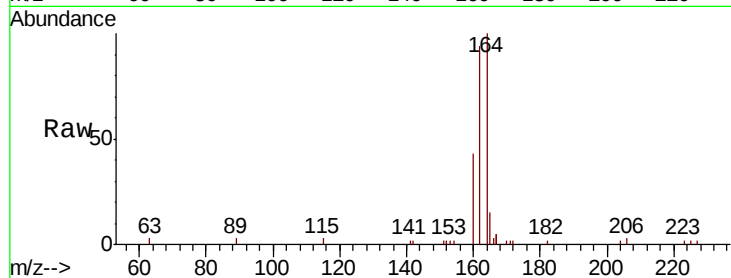




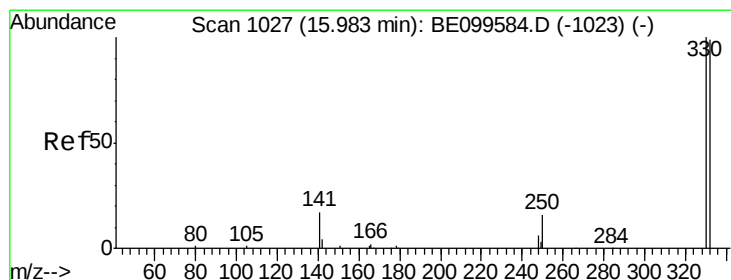
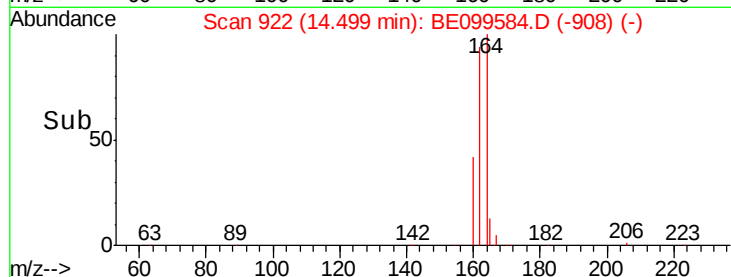
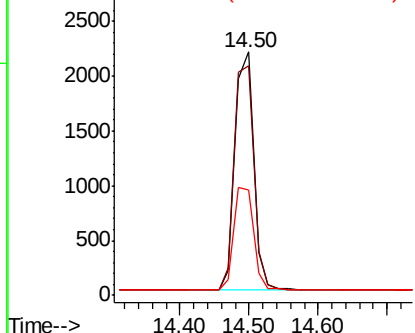
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 4109
Ion Ratio Lower Upper
164 100
162 94.1 75.3 112.9
160 43.4 34.7 52.1

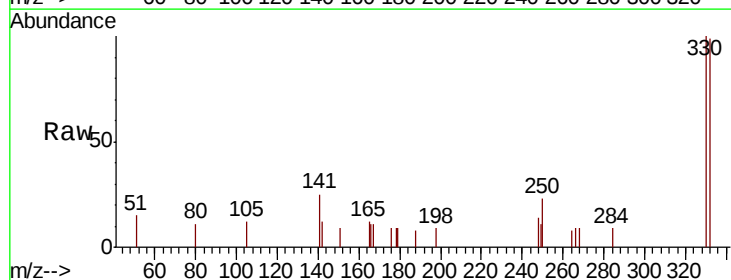


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

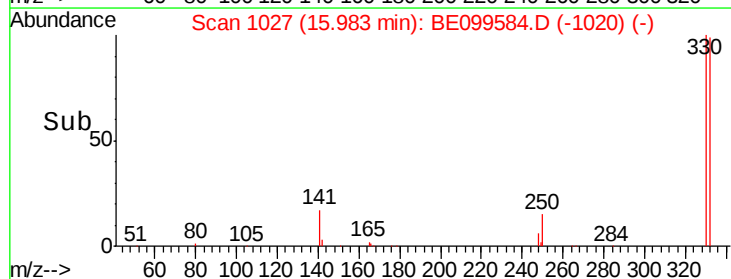
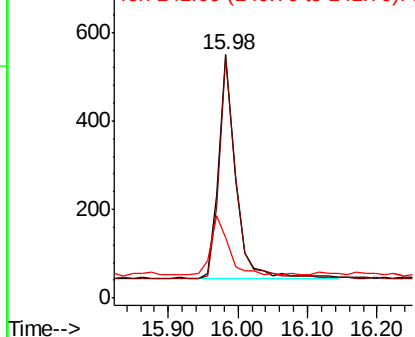


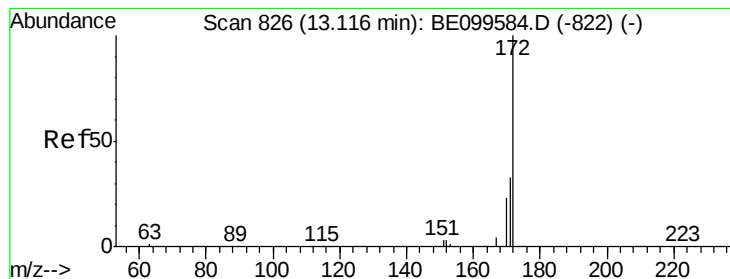
#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Tgt Ion:330 Resp: 849
Ion Ratio Lower Upper
330 100
332 98.4 78.7 118.1
141 27.9 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

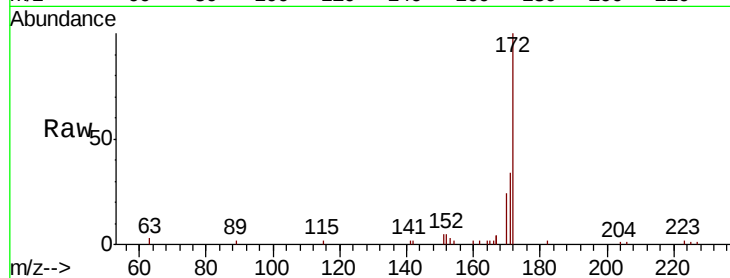




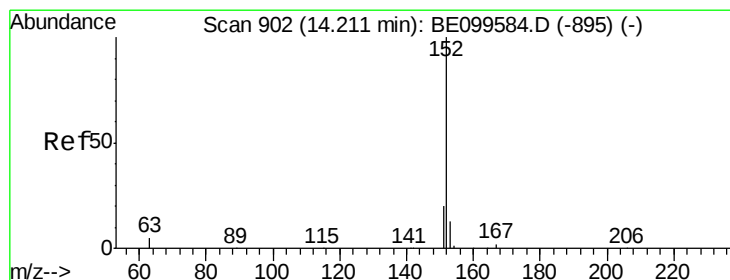
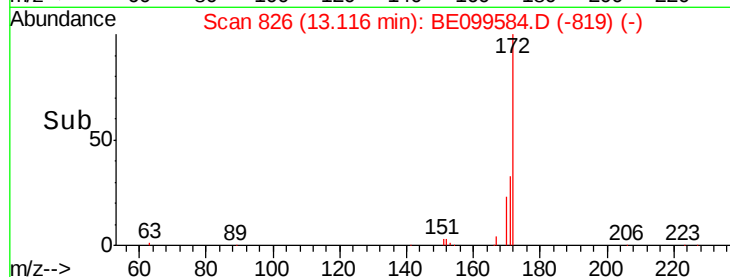
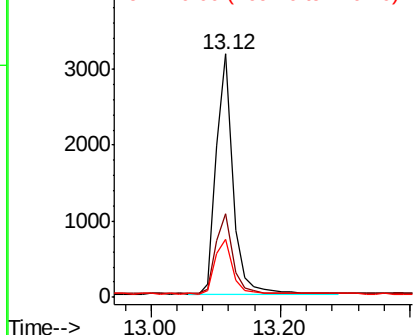
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5704
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 23.9 19.1 28.7

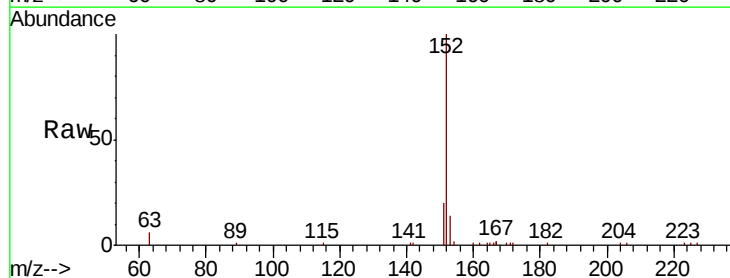


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

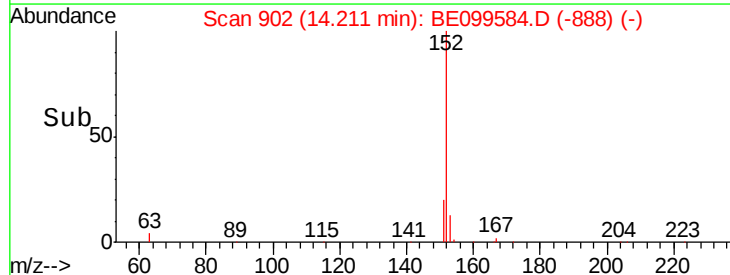
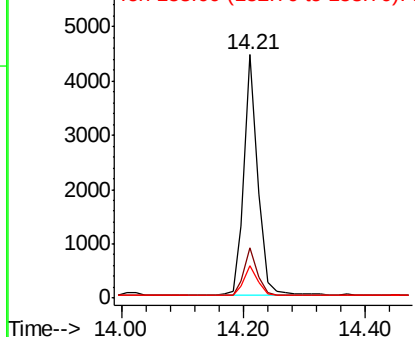


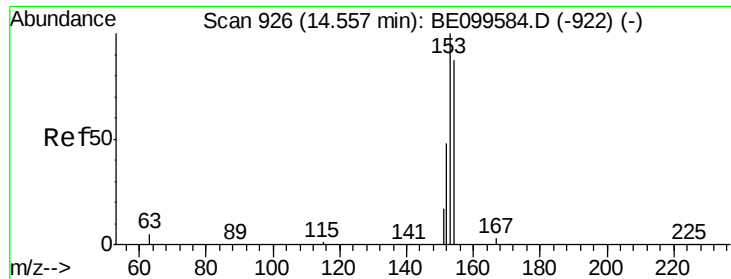
#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Tgt Ion:152 Resp: 7065
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.8 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

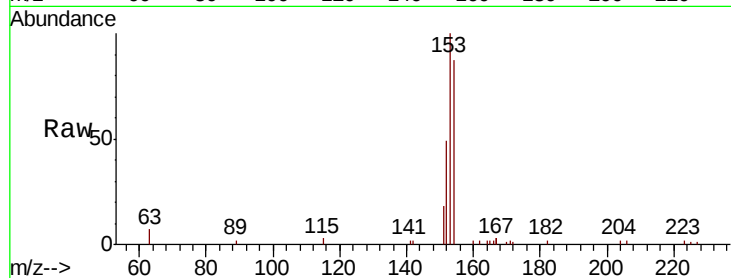




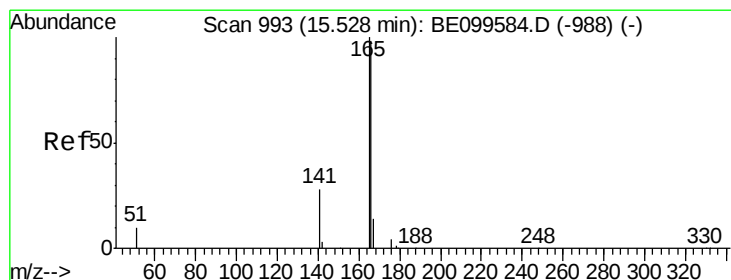
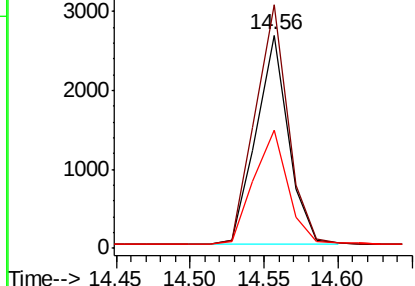
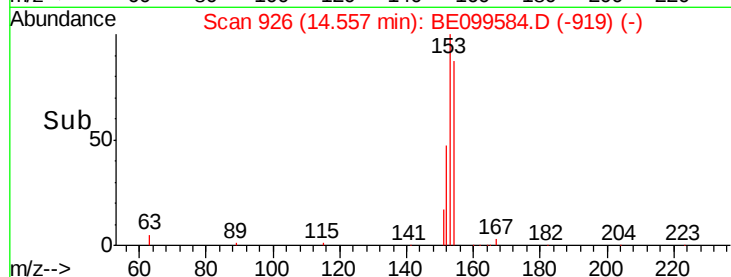
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 4020
Ion Ratio Lower Upper
154 100
153 116.1 92.9 139.3
152 57.9 46.3 69.5

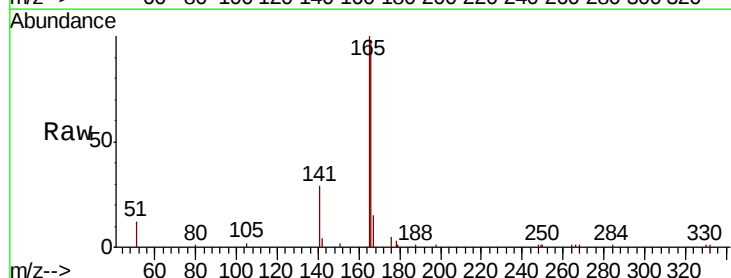


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

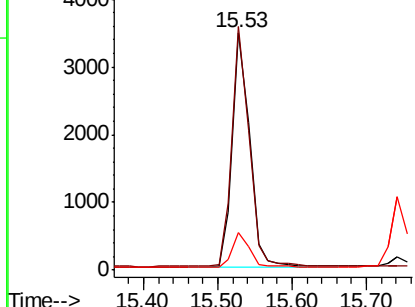
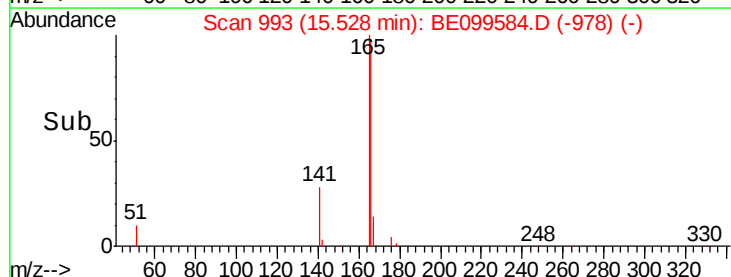


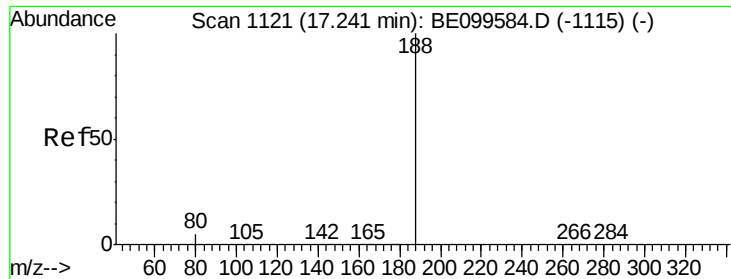
#18
Fluorene
Concen: 0.354 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Tgt Ion:166 Resp: 5605
Ion Ratio Lower Upper
166 100
165 100.6 80.5 120.7
167 14.5 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

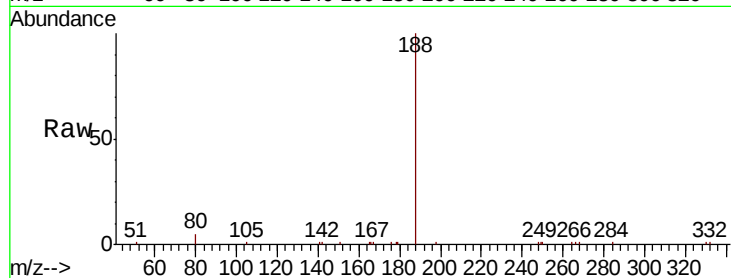




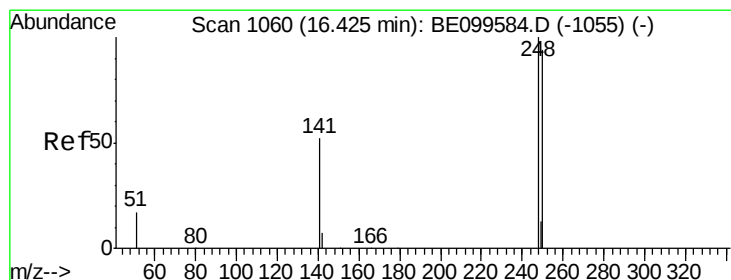
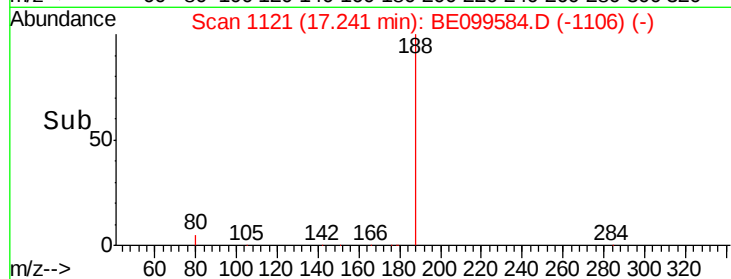
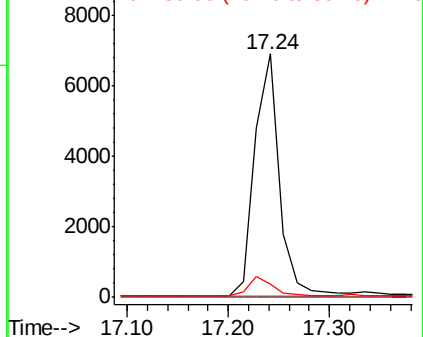
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 11611
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.5 4.4 6.6

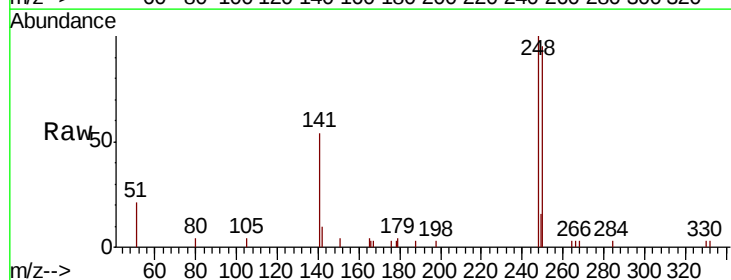


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

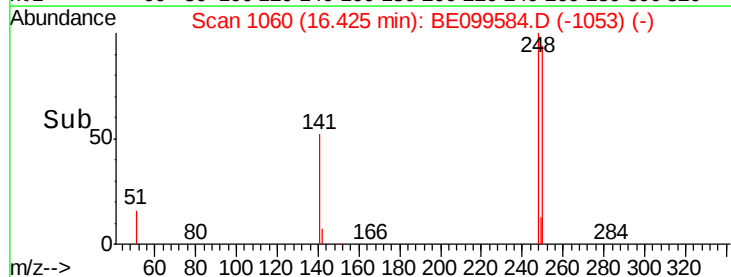
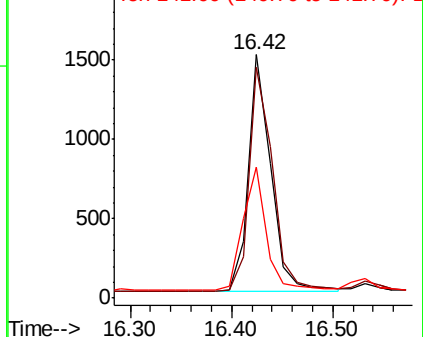


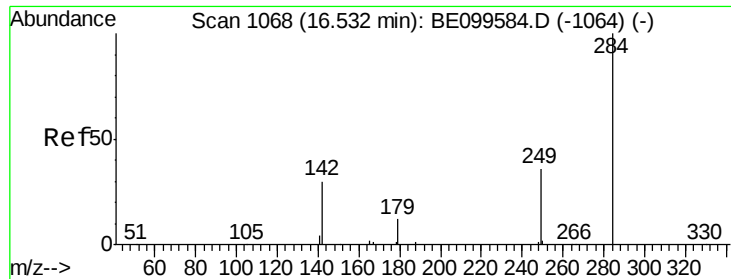
#20
4-Bromophenyl-phenylether
Concen: 0.350 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Tgt Ion:248 Resp: 2307
Ion Ratio Lower Upper
248 100
250 94.6 75.7 113.5
141 53.6 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: 0.367 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

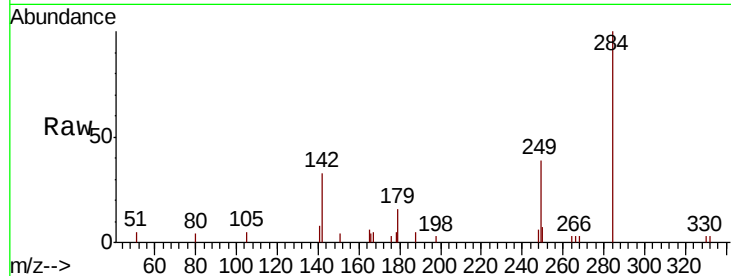
Tot Ion:284 Resp: 2409

Ion Ratio Lower Upper

284 100

142 25.2 20.6 30.8

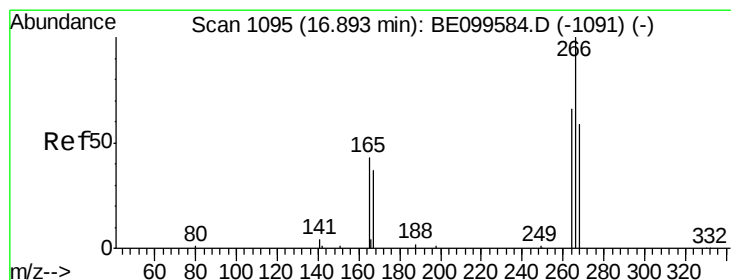
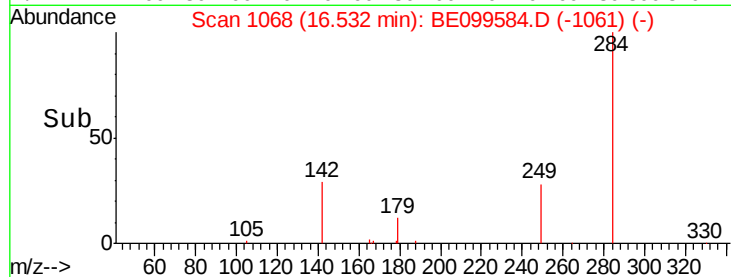
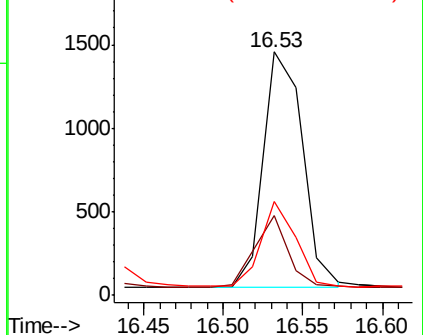
249 32.0 25.8 38.6



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: 0.291 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

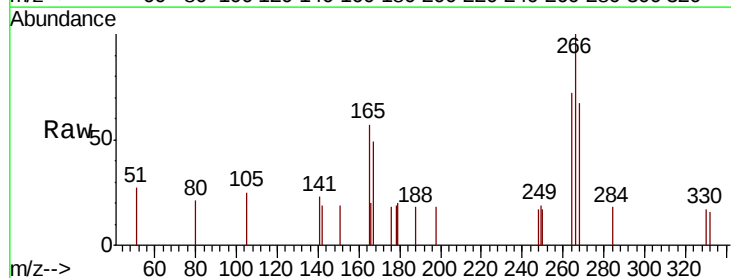
Tgt Ion:266 Resp: 786

Ion Ratio Lower Upper

266 100

264 71.6 57.3 85.9

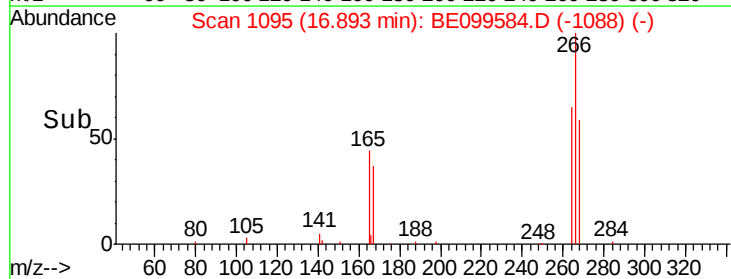
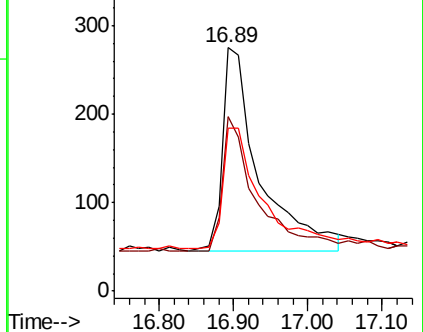
268 66.9 53.5 80.3

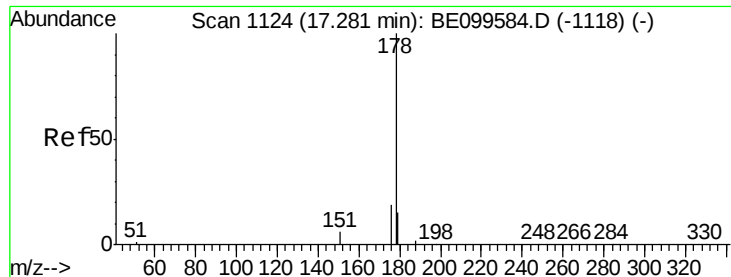


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.360 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

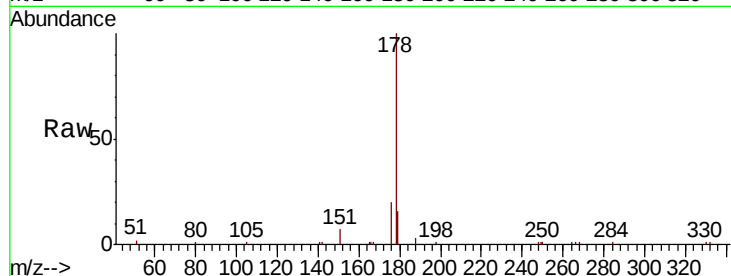
Tot Ion:178 Resp: 10289

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

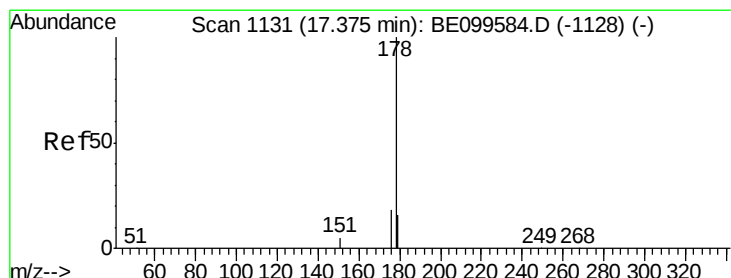
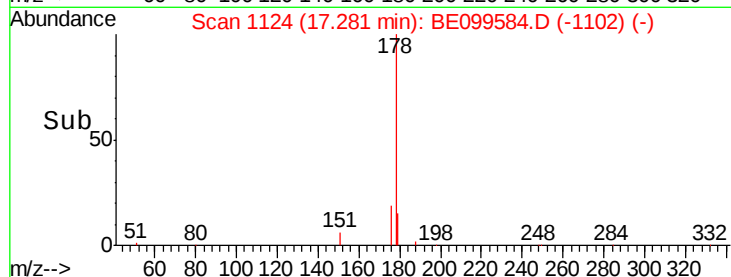
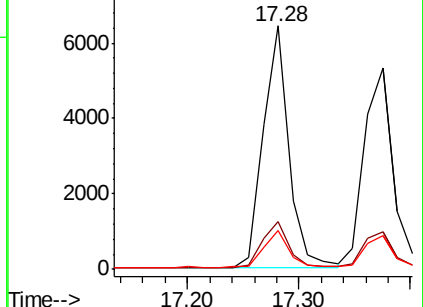
179 15.2 12.2 18.2



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: 0.339 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

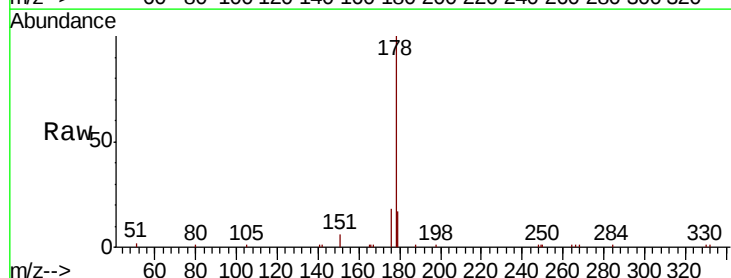
Tgt Ion:178 Resp: 9319

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

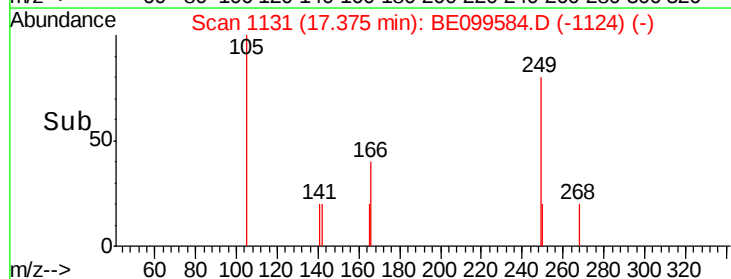
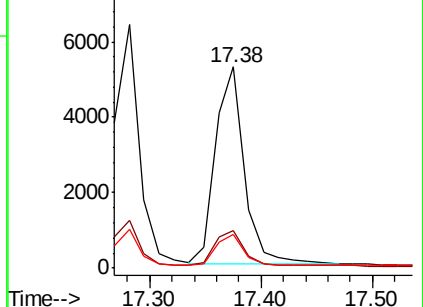
179 15.4 12.3 18.5

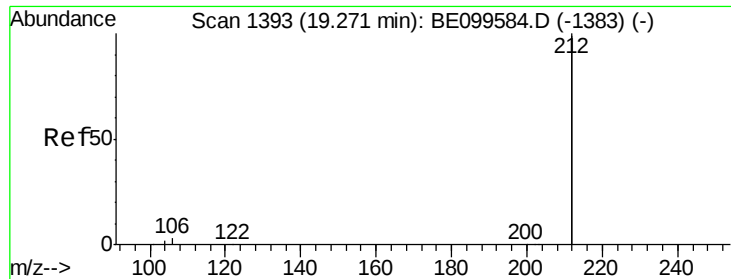


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

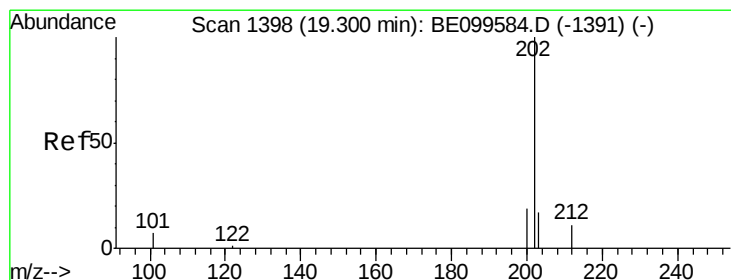
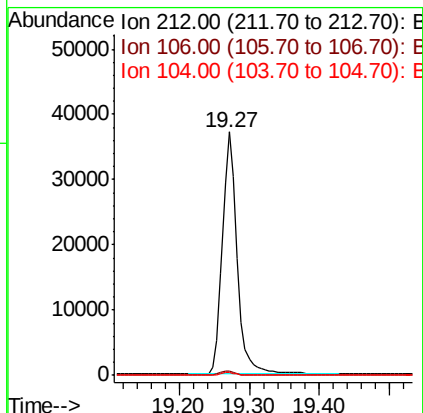
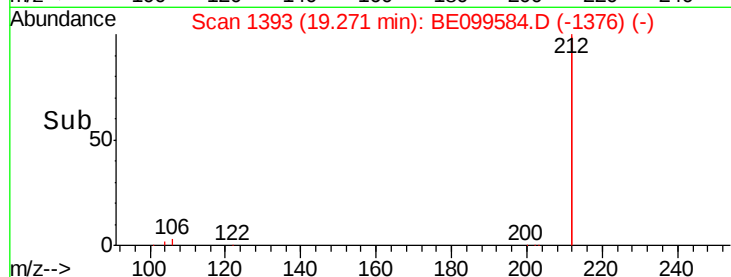
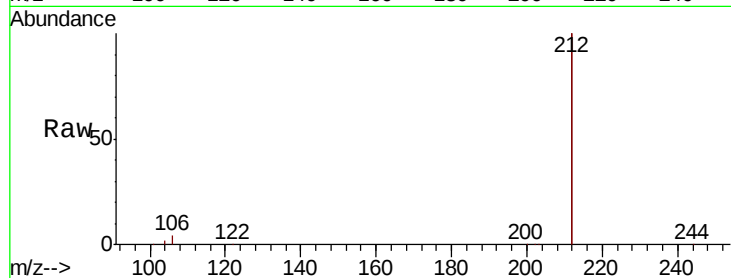
Tot Ion:212 Resp: 54331

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.1 0.9 1.3



#26

Fluoranthene

Concen: 0.352 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

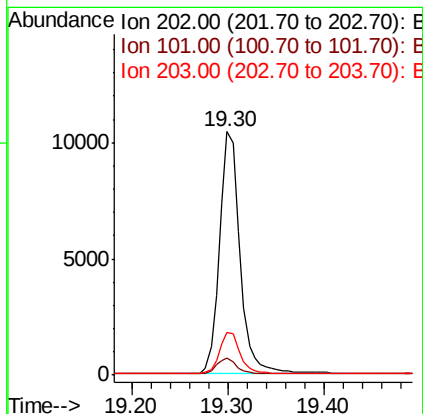
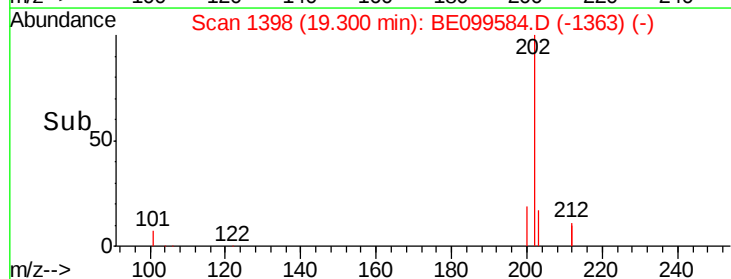
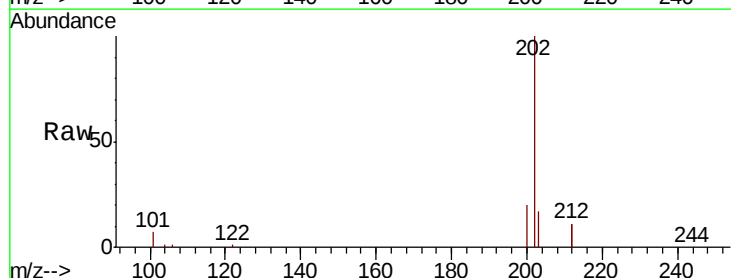
Tgt Ion:202 Resp: 15525

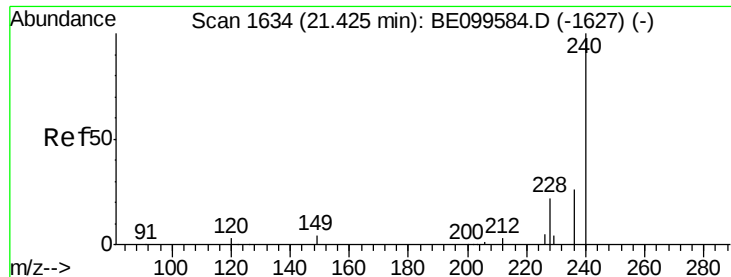
Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.2

203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampled :

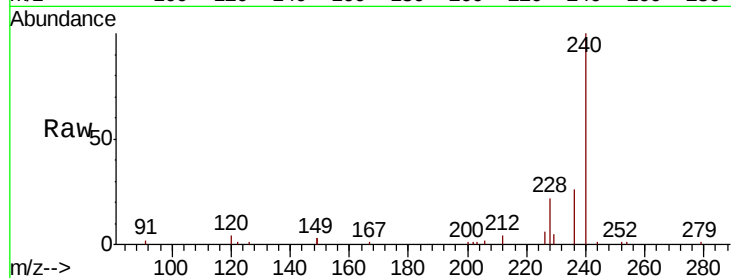
Tot Ion:240 Resp: 15508

Ion Ratio Lower Upper

240 100

120 4.0 3.2 4.8

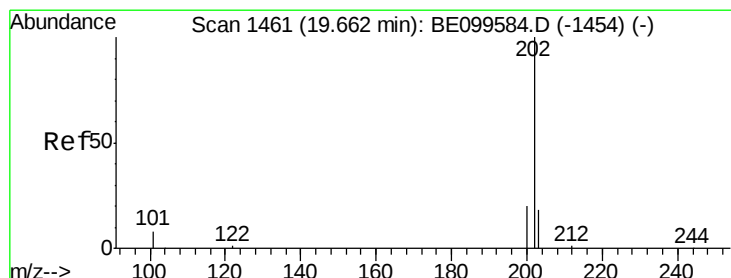
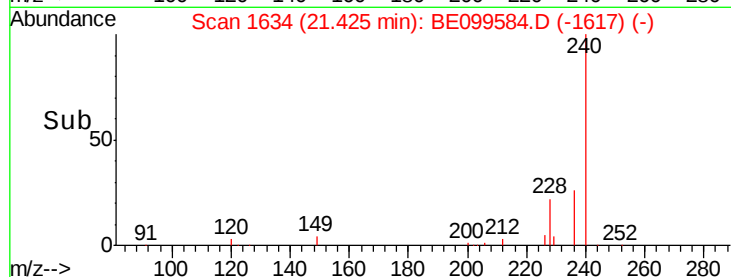
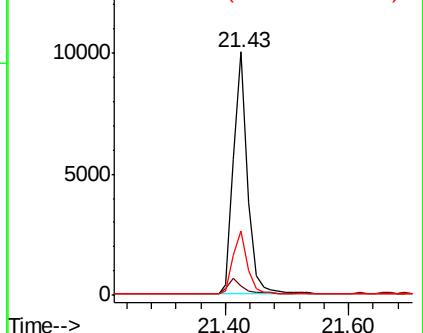
236 26.3 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.388 ng

RT: 19.66 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

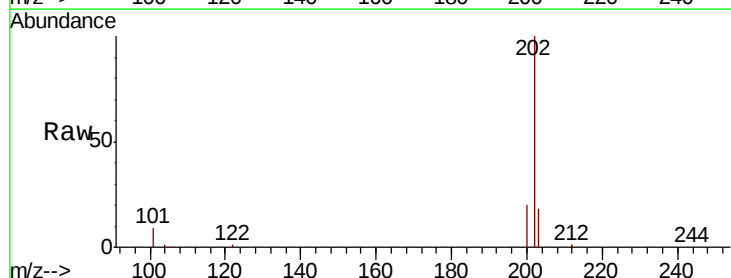
Tgt Ion:202 Resp: 16130

Ion Ratio Lower Upper

202 100

200 19.9 15.9 23.9

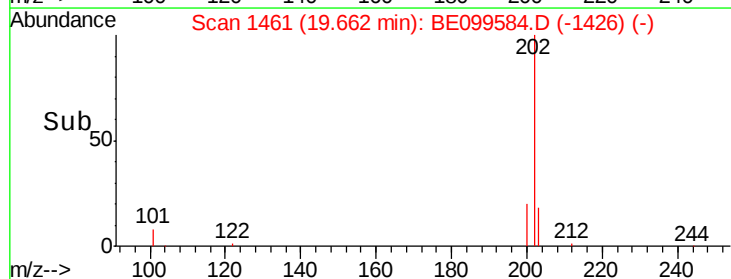
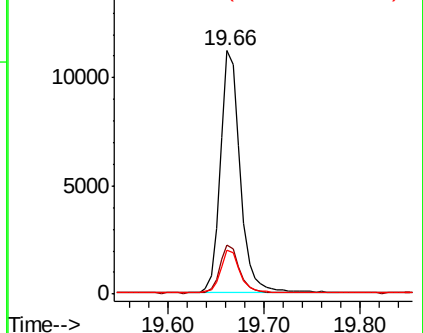
203 17.6 14.1 21.1

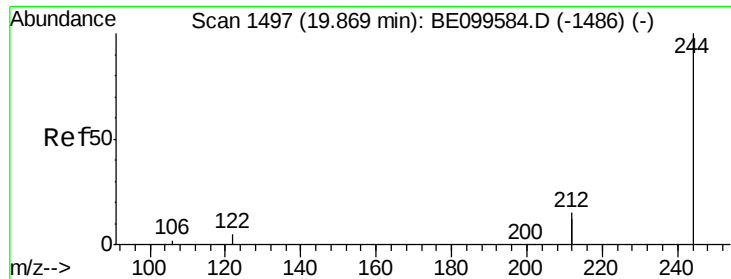


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

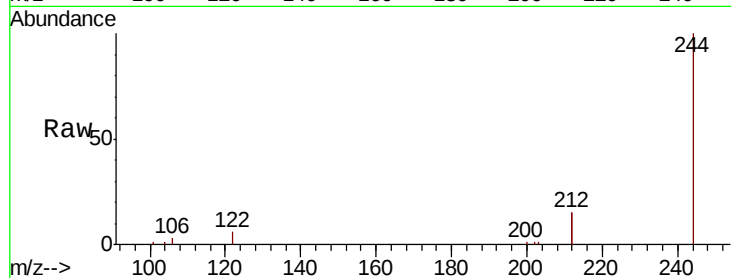
Tot Ion:244 Resp: 10866

Ion Ratio Lower Upper

244 100

212 30.5 24.4 36.6

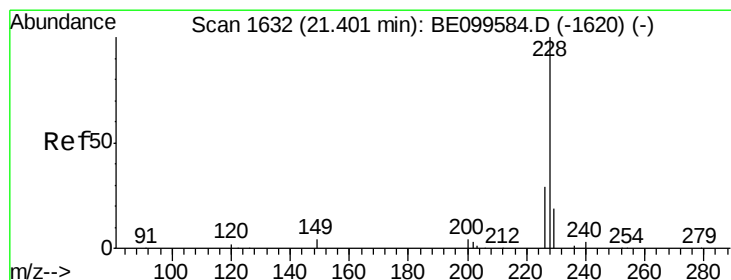
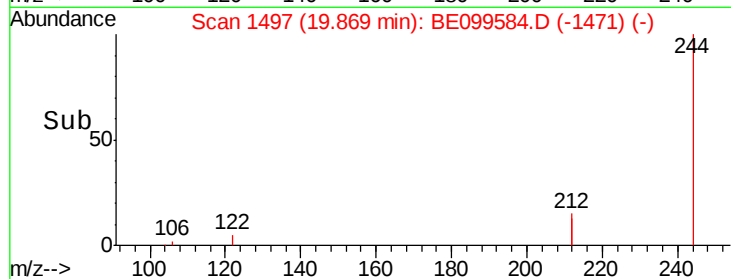
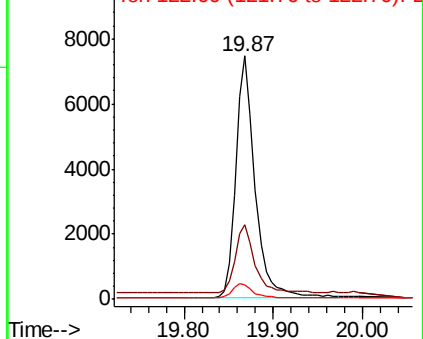
122 5.7 4.6 6.8



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: 0.391 ng

RT: 21.40 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

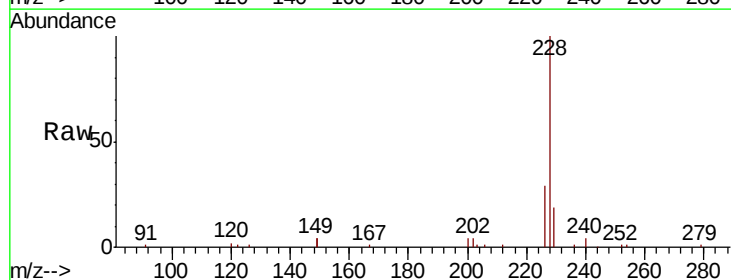
Tgt Ion:228 Resp: 18782

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

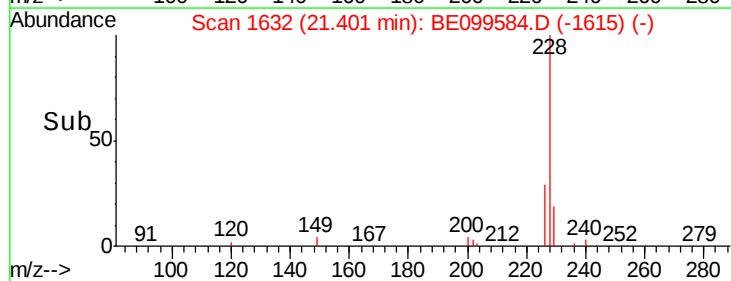
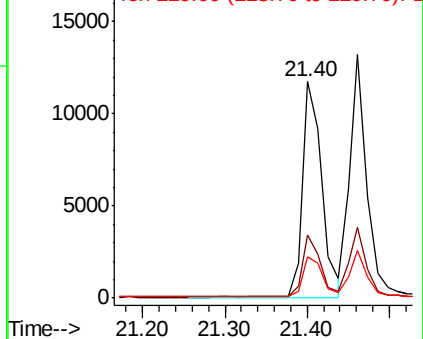
229 19.4 15.5 23.3

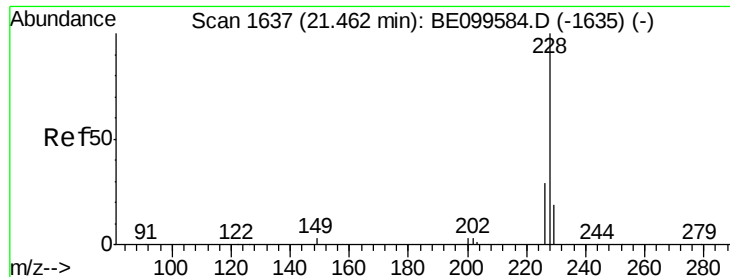


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.396 ng

RT: 21.46 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

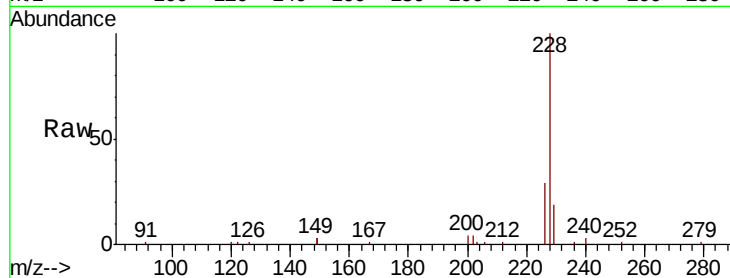
Tot Ion:228 Resp: 18792

Ion Ratio Lower Upper

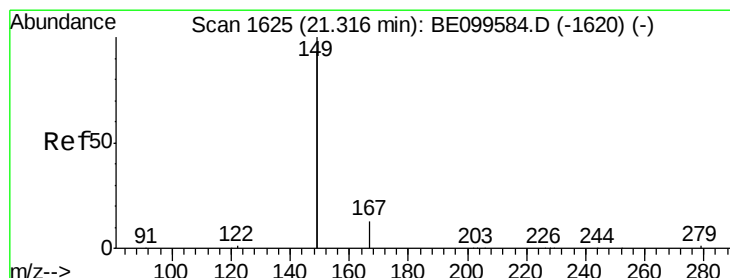
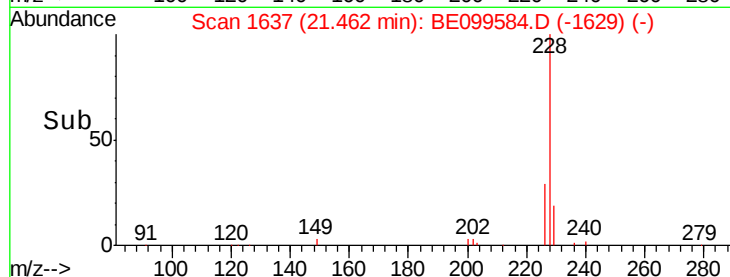
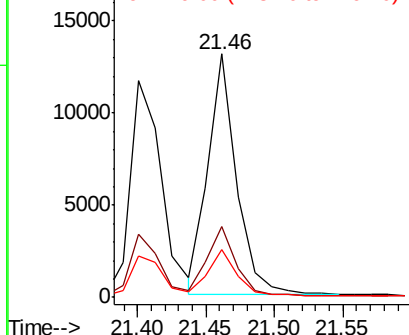
228 100

226 29.0 23.2 34.8

229 19.5 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: 0.342 ng

RT: 21.32 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

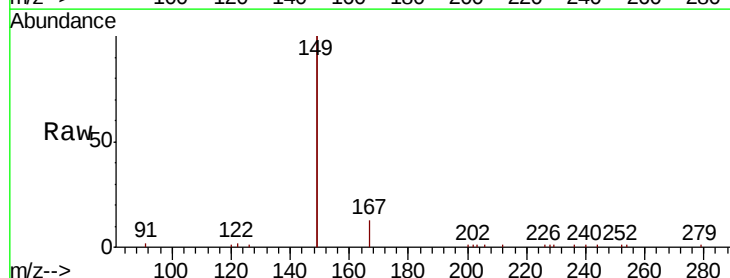
Tgt Ion:149 Resp: 26072

Ion Ratio Lower Upper

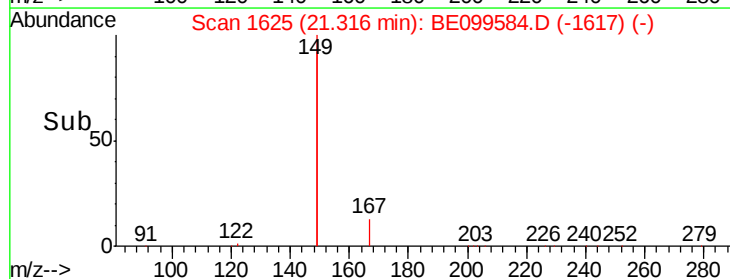
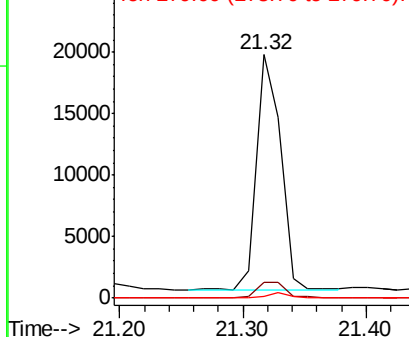
149 100

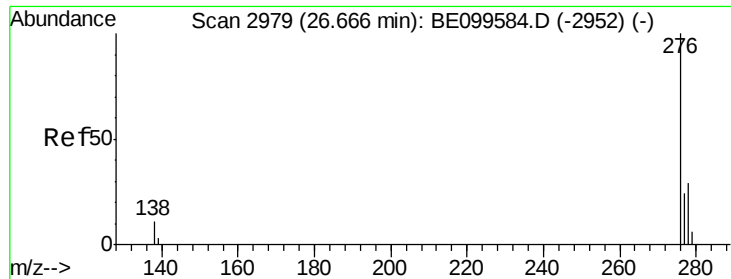
167 7.5 6.0 9.0

279 1.5 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

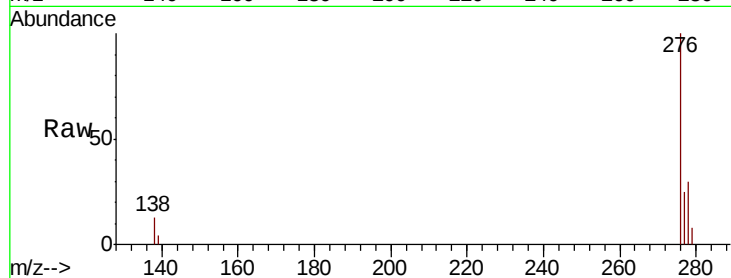




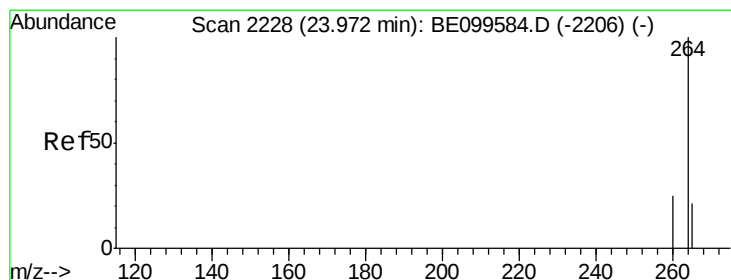
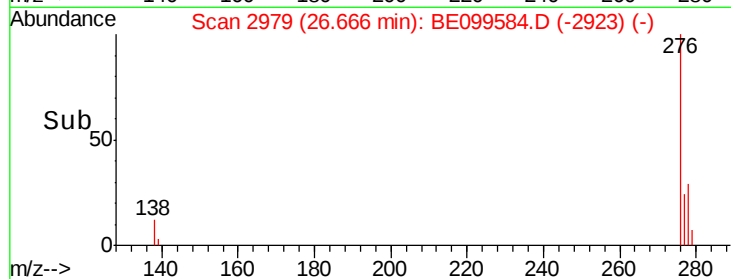
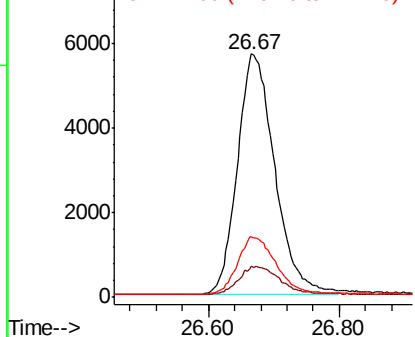
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 26.67 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 22715
Ion Ratio Lower Upper
276 100
138 12.7 10.2 15.2
277 24.8 19.8 29.8

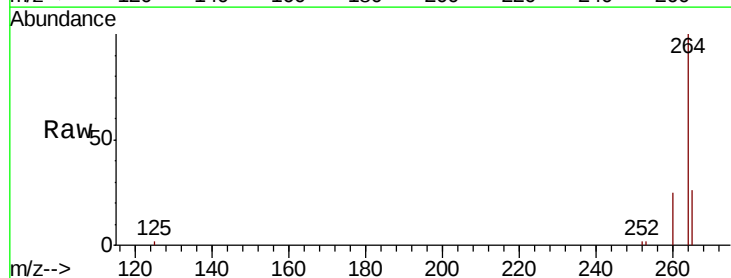


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

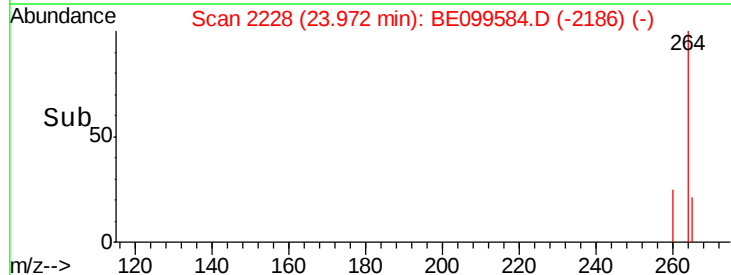
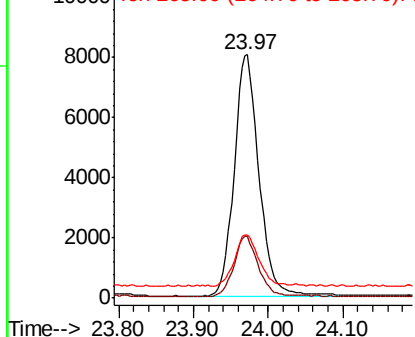


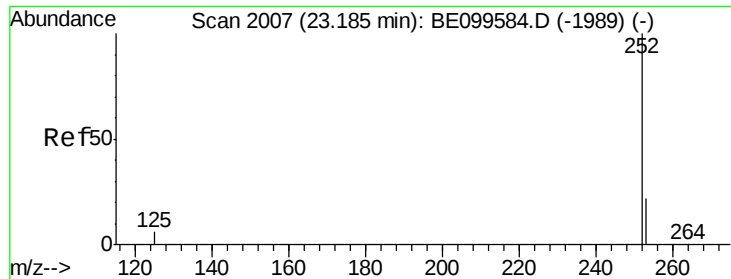
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Tgt Ion:264 Resp: 18555
Ion Ratio Lower Upper
264 100
260 25.4 20.3 30.5
265 26.1 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

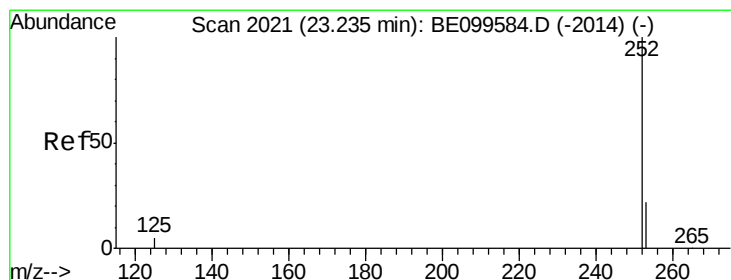
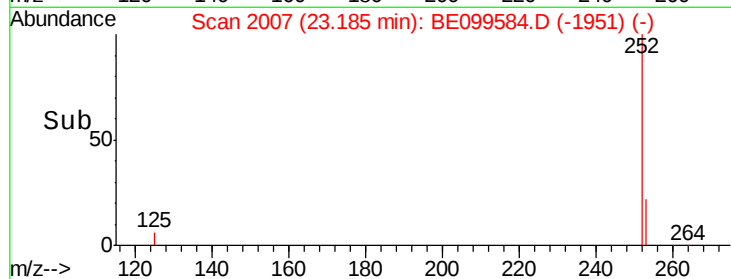
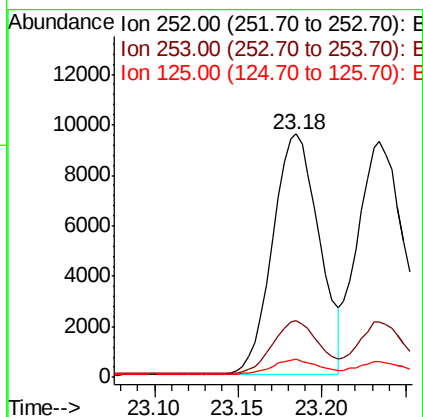
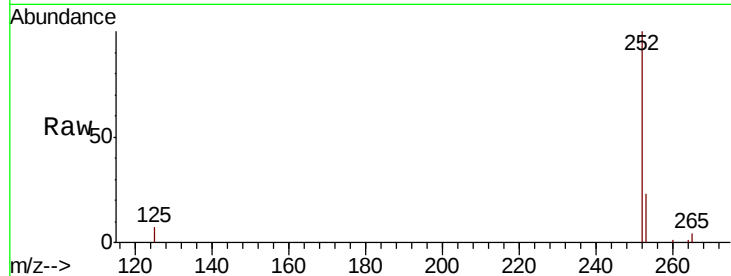




#35
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

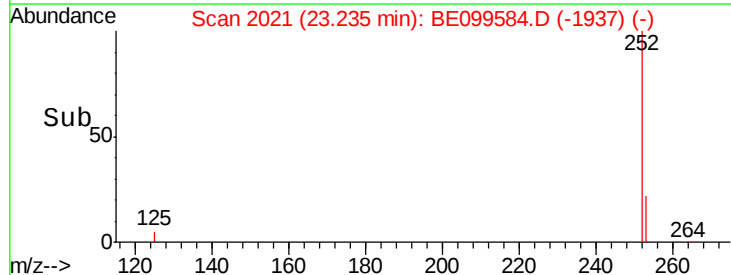
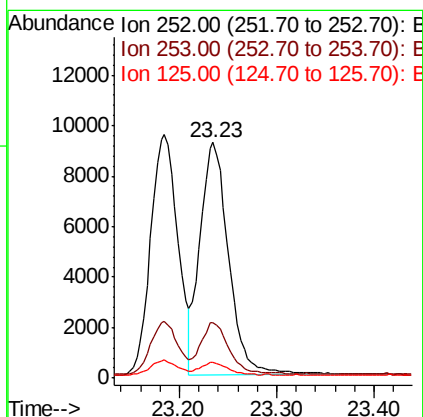
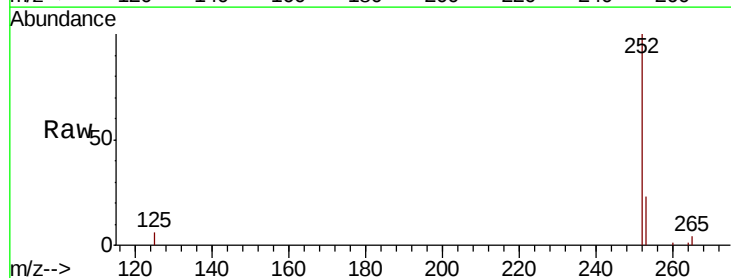
Instrument :
BNA_E
ClientSampleId :

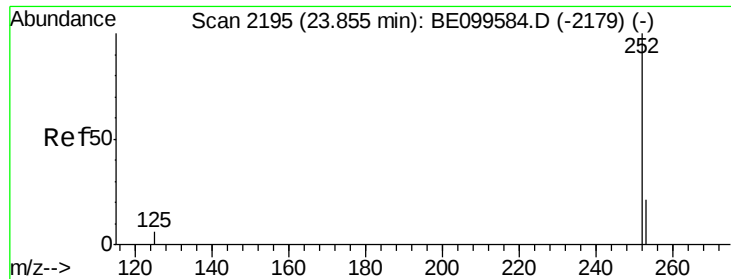
Tot Ion:252 Resp: 18596
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 7.5 6.0 9.0



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE099584.D
Acq: 9 May 2019 10:33

Tgt Ion:252 Resp: 18790
Ion Ratio Lower Upper
252 100
253 23.4 18.7 28.1
125 6.4 5.1 7.7





#37

Benzo(a)pyrene

Concen: 0.364 ng

RT: 23.85 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :

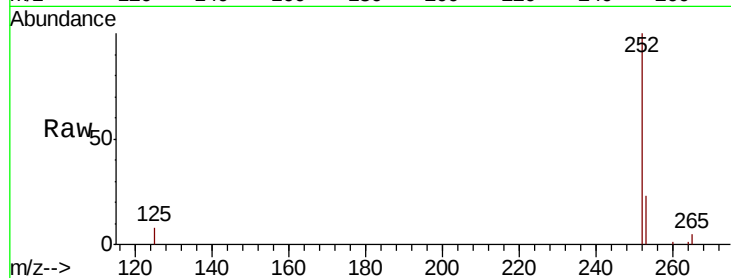
Tot Ion:252 Resp: 17966

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

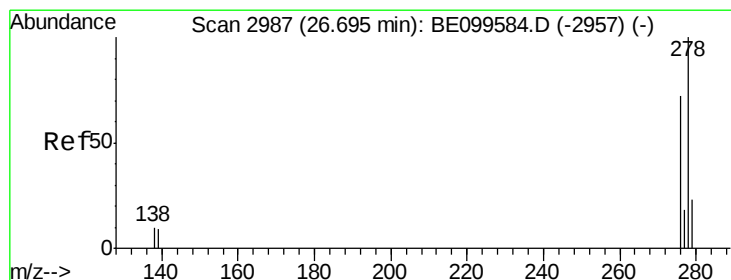
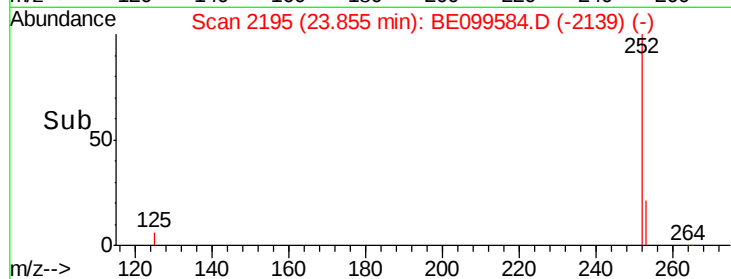
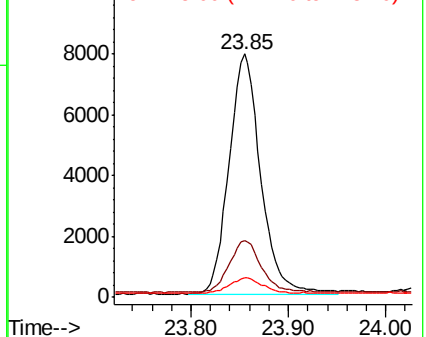
125 8.0 6.4 9.6



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: 0.365 ng

RT: 26.69 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BE099584.D

Acq: 9 May 2019 10:33

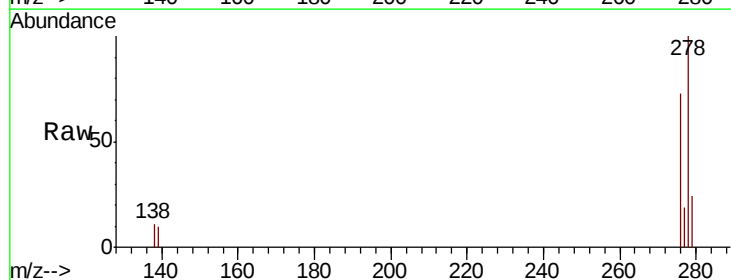
Tgt Ion:278 Resp: 18646

Ion Ratio Lower Upper

278 100

139 10.4 8.3 12.5

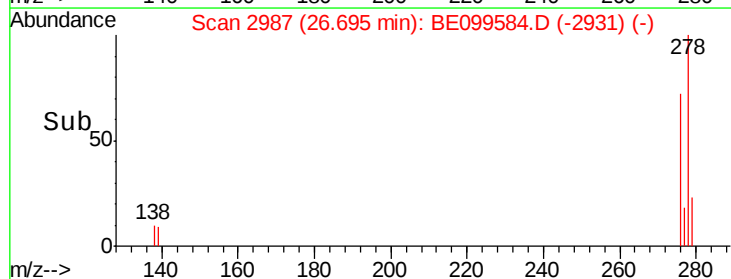
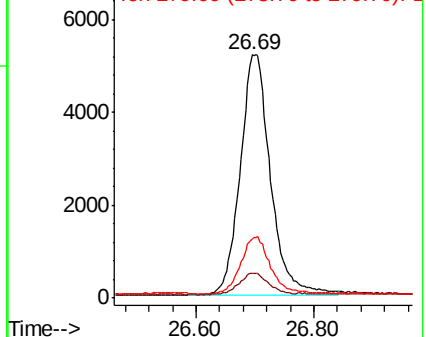
279 24.3 19.4 29.2

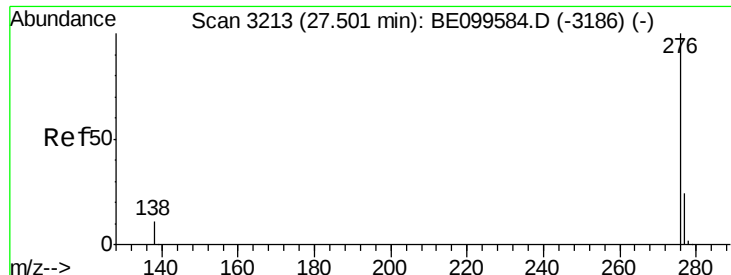


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.372 ng

RT: 27.50 min Scan# 3213

Delta R.T. 0.00 min

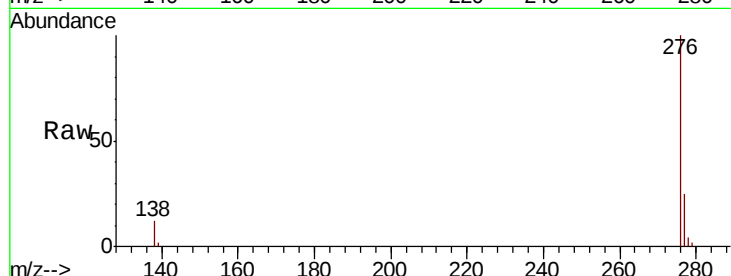
Lab File: BE099584.D

Acq: 9 May 2019 10:33

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 19031

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 11.8 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

