

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
 Data File : BE099573.D
 Acq On : 8 May 2019 8:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 08 12:23:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1726	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6060	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4067	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11928	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17580	0.40	ng	0.00
34) Perylene-d12	23.97	264	20933	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2057	0.43	ng	0.00
5) Phenol-d6	6.99	99	2673	0.42	ng	0.00
8) Nitrobenzene-d5	8.98	82	2271	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4153	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	996	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6550	0.43	ng	0.00
25) Fluoranthene-d10	19.28	212	65145	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	13892	0.43	ng	0.00

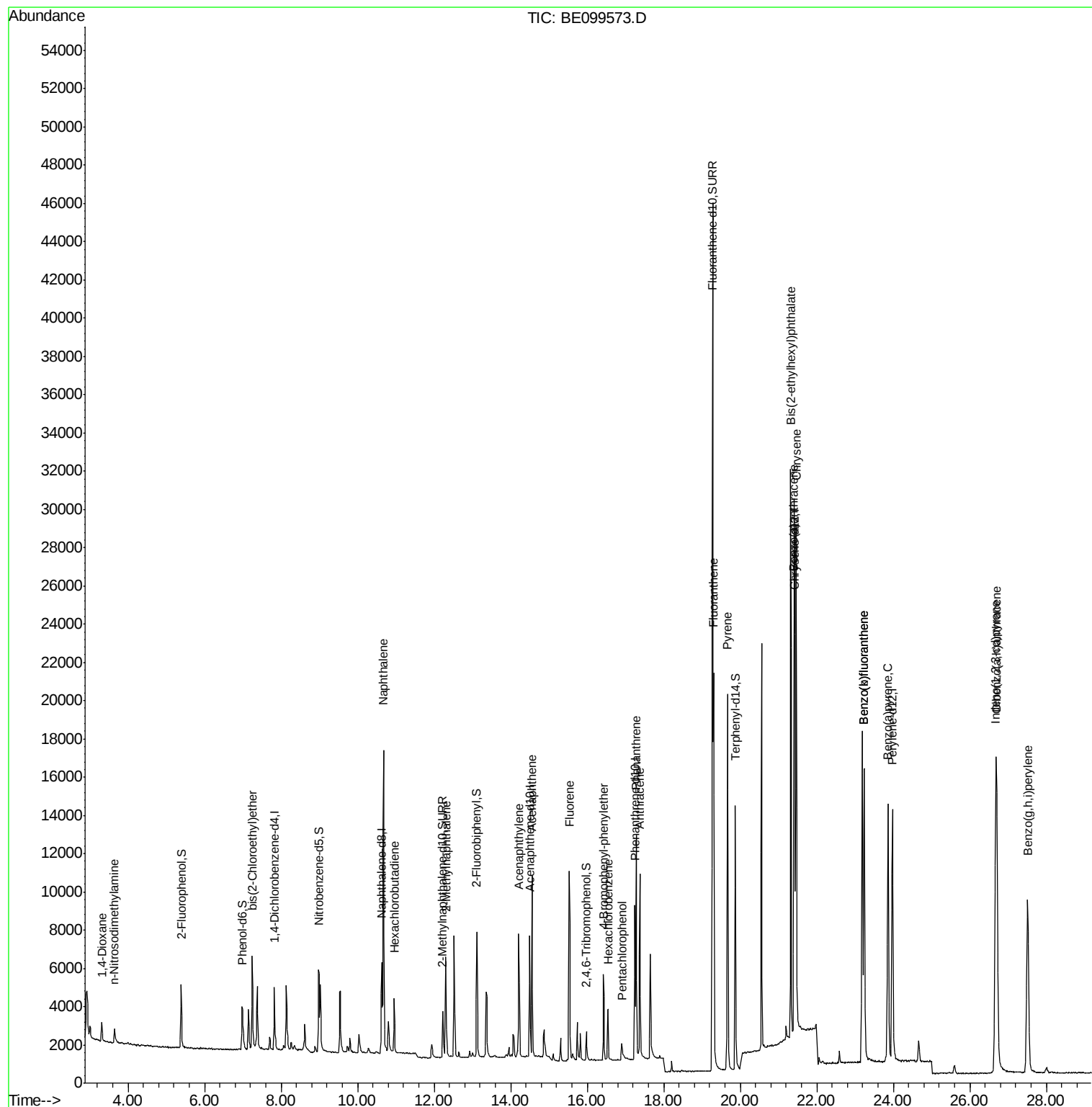
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1014	0.416	ng	98
3) n-Nitrosodimethylamine	3.64	42	645	0.400	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	2059	0.392	ng	91
9) Naphthalene	10.68	128	27305	0.425	ng	99
10) Hexachlorobutadiene	10.95	225	1972	0.423	ng	97
12) 2-Methylnaphthalene	12.31	142	4402	0.405	ng	98
16) Acenaphthylene	14.21	152	8032	0.409	ng	99
17) Acenaphthene	14.56	154	4527	0.413	ng	95
18) Fluorene	15.53	166	6678	0.427	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2752	0.406	ng	98
21) Hexachlorobenzene	16.55	284	2730	0.405	ng	98
22) Pentachlorophenol	16.91	266	912	0.329	ng	95
23) Phenanthrene	17.28	178	12261	0.417	ng	99
24) Anthracene	17.38	178	11107	0.393	ng	100
26) Fluoranthene	19.31	202	19294	0.426	ng	99
28) Pyrene	19.67	202	20392	0.433	ng	99
30) Benzo(a)anthracene	21.40	228	24308	0.446	ng	96
31) Chrysene	21.46	228	24003	0.447	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	36259	0.420	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	29991	0.470	ng	99
35) Benzo(b)fluoranthene	23.23	252	24819	0.430	ng	97
36) Benzo(k)fluoranthene	23.23	252	24819	0.437	ng	97
37) Benzo(a)pyrene	23.86	252	23710	0.426	ng	# 96
38) Dibenzo(a,h)anthracene	26.70	278	24426	0.424	ng	# 97
39) Benzo(g,h,i)perylene	27.51	276	24722	0.429	ng	99

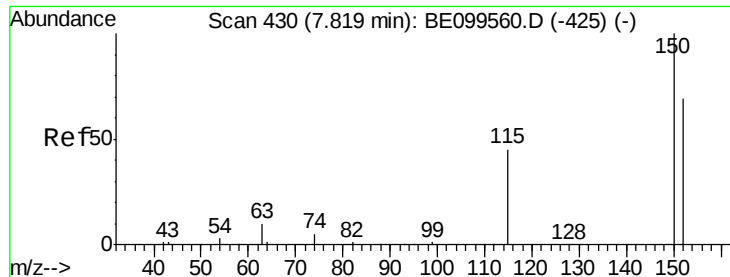
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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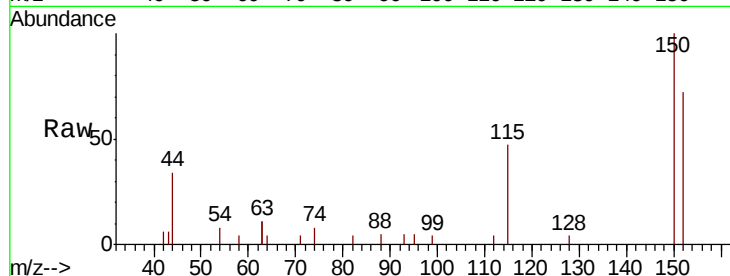


#1

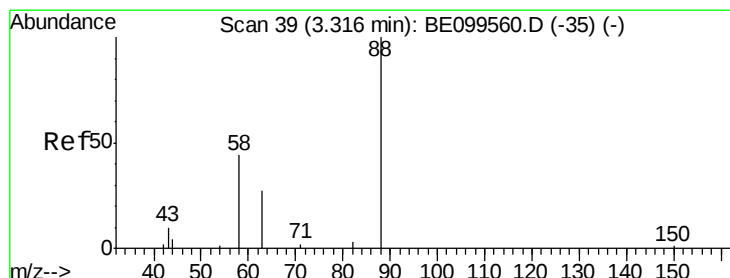
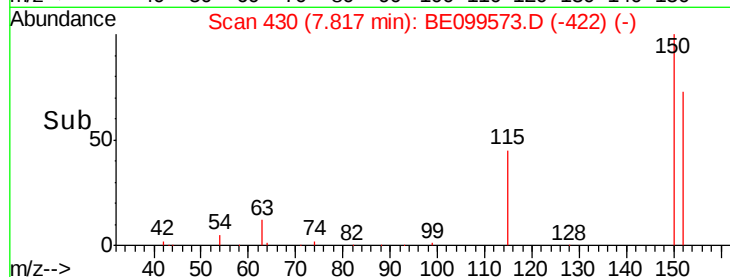
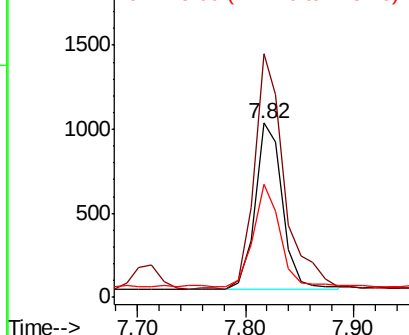
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1726
Ion Ratio Lower Upper
152 100
150 139.6 113.8 170.6
115 65.2 54.2 81.2



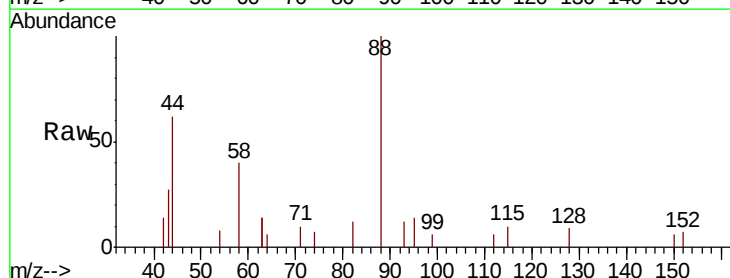
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



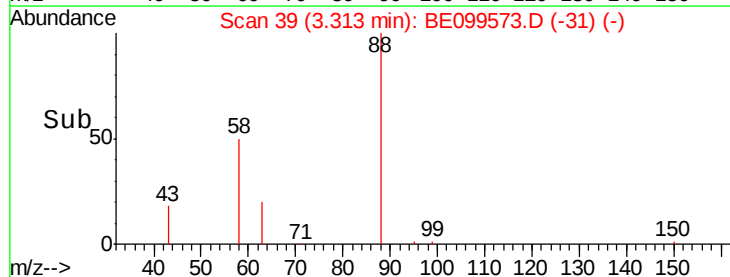
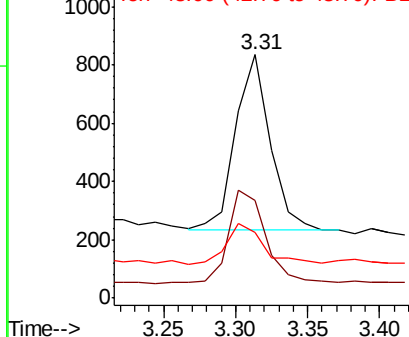
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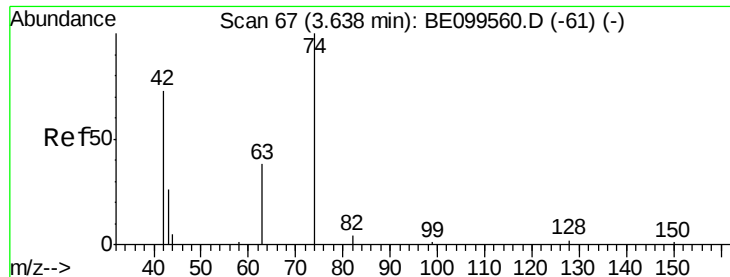
1,4-Dioxane
Concen: 0.416 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion: 88 Resp: 1014
Ion Ratio Lower Upper
88 100
58 56.6 46.6 69.8
43 24.3 20.3 30.5



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



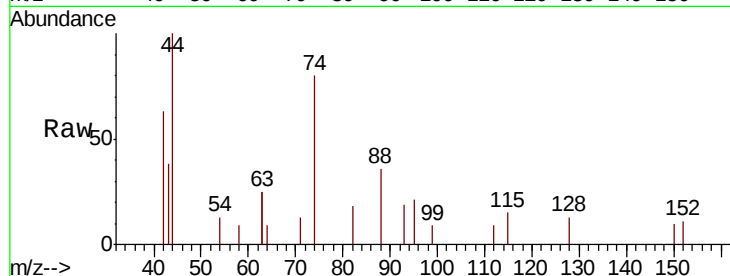


#3

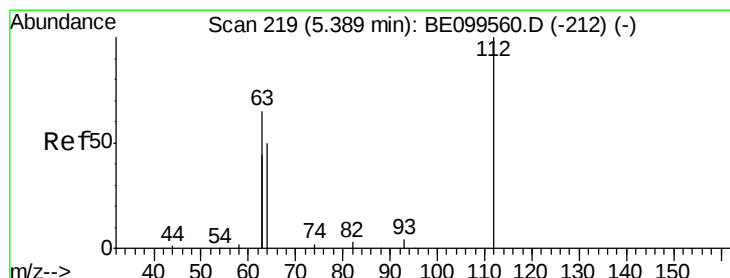
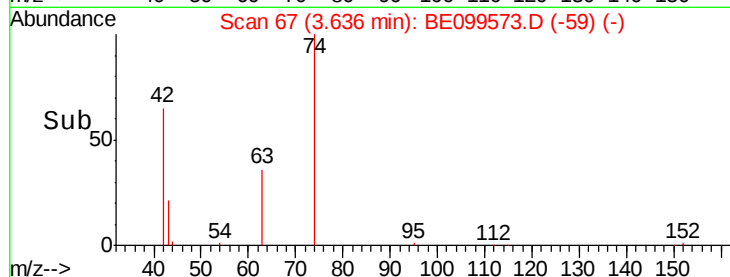
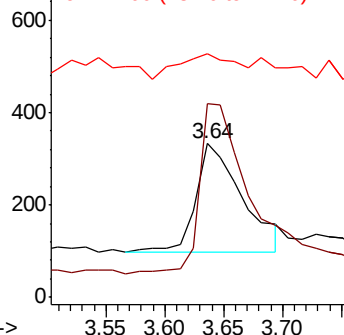
n-Nitrosodimethylamine
 Concen: 0.400 ng
 RT: 3.64 min Scan# 67
 Delta R.T. -0.00 min
 Lab File: BE099573.D
 Acq: 8 May 2019 8:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 645
 Ion Ratio Lower Upper
 42 100
 74 156.6 121.3 181.9
 44 27.8 0.0 0.0#



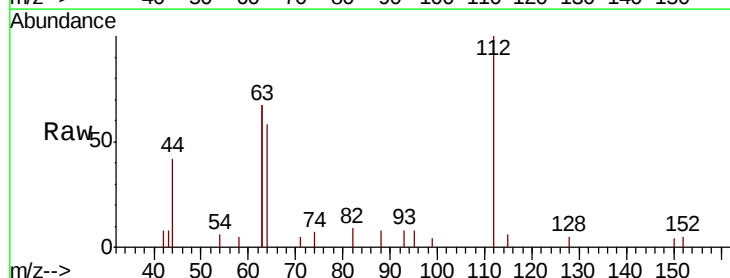
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



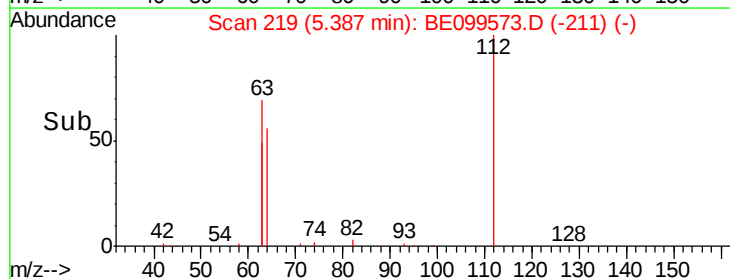
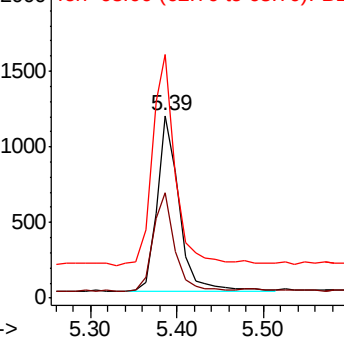
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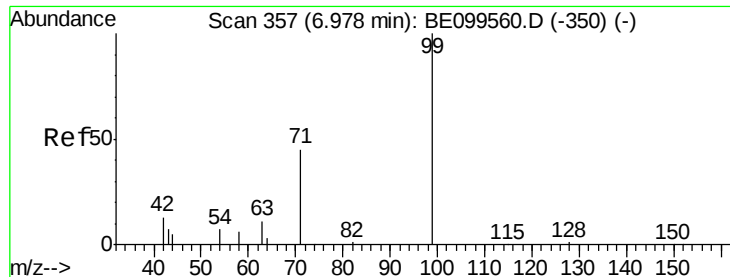
2-Fluorophenol
 Concen: 0.430 ng
 RT: 5.39 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099573.D
 Acq: 8 May 2019 8:46

Tgt Ion: 112 Resp: 2057
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.3 69.5
 63 126.3 99.6 149.4



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





#5

Phenol-d6

Concen: 0.424 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

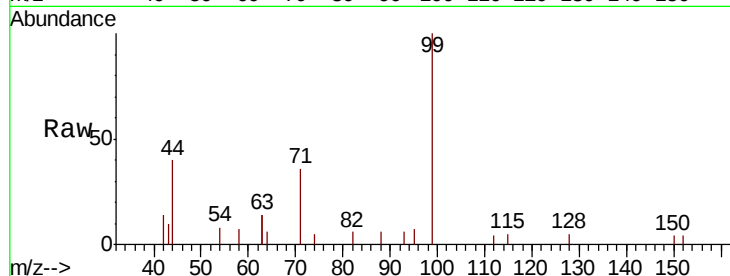
Tot Ion: 99 Resp: 2673

Ion Ratio Lower Upper

99 100

42 16.9 13.4 20.0

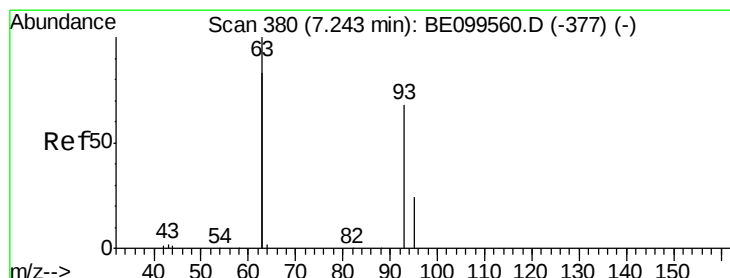
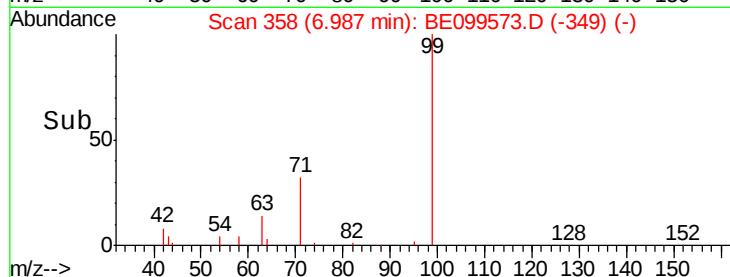
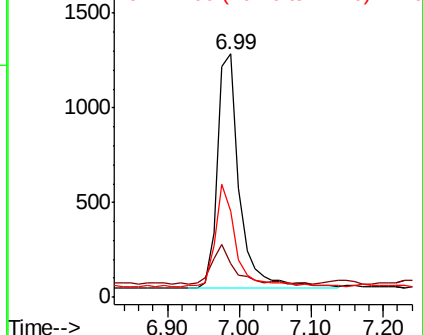
71 39.4 34.2 51.2



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: 0.392 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

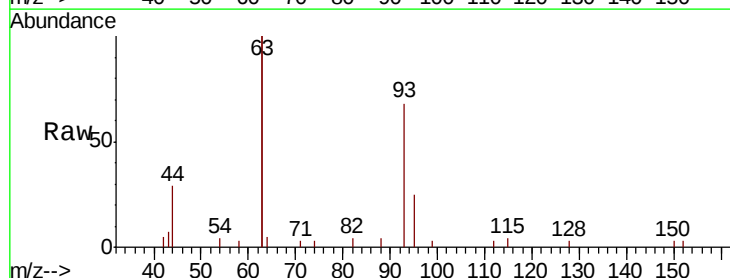
Tgt Ion: 93 Resp: 2059

Ion Ratio Lower Upper

93 100

63 278.6 209.0 313.4

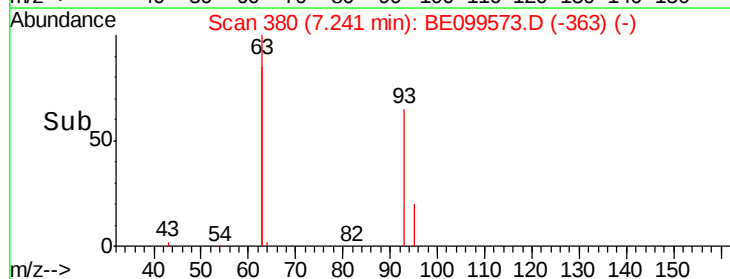
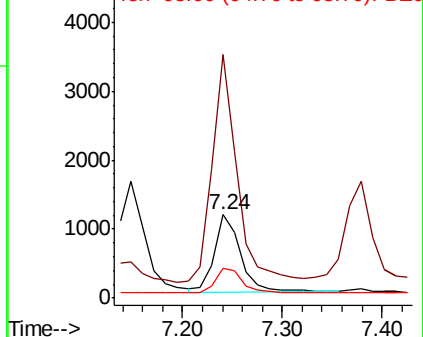
95 34.0 26.9 40.3

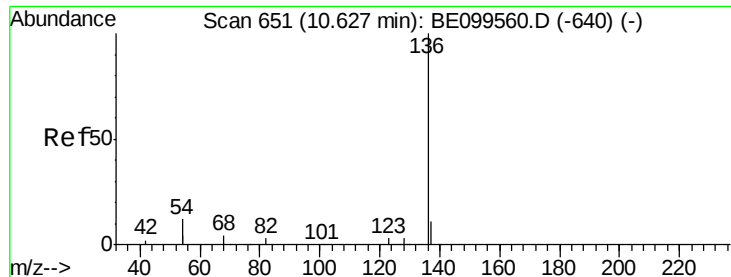


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6060

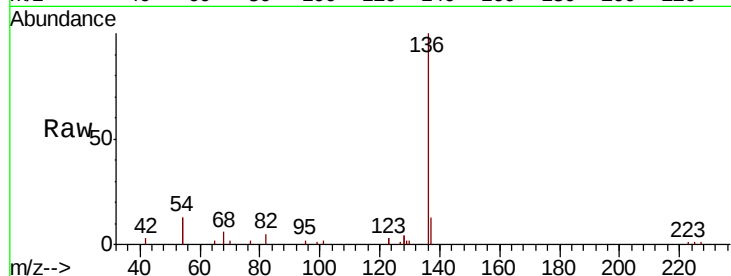
Ion Ratio Lower Upper

136 100

137 12.6 10.0 15.0

54 25.5 18.6 28.0

68 6.5 4.6 6.8

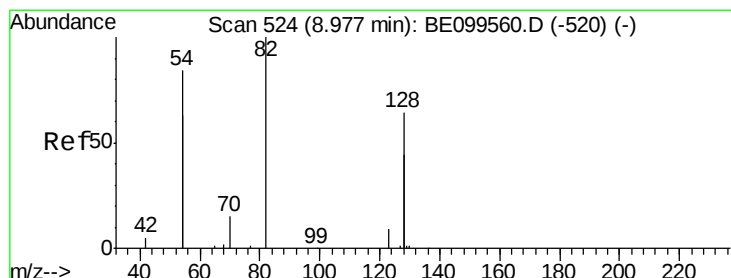
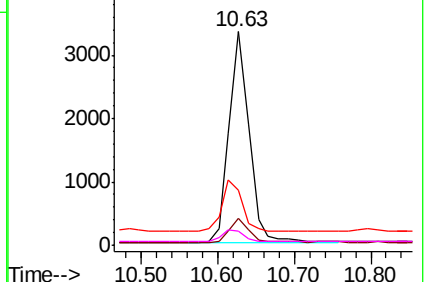
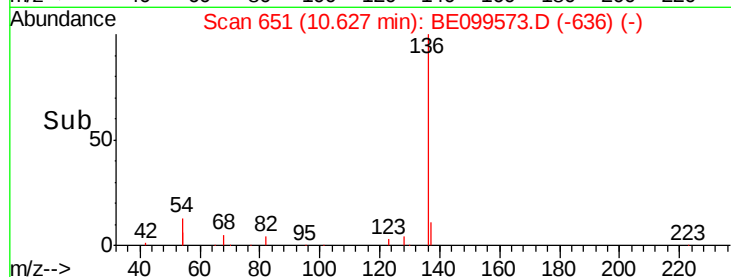


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.389 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

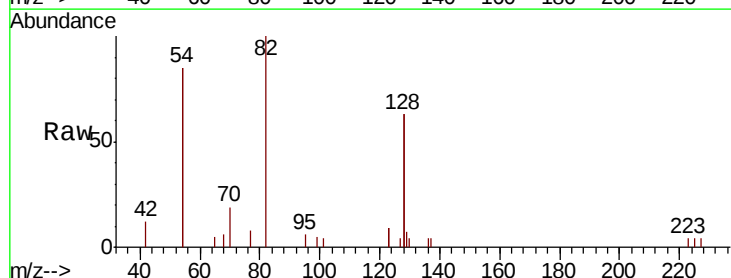
Tgt Ion: 82 Resp: 2271

Ion Ratio Lower Upper

82 100

128 126.2 97.6 146.4

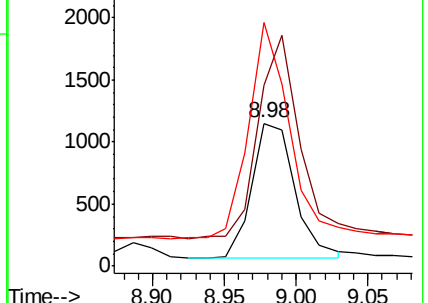
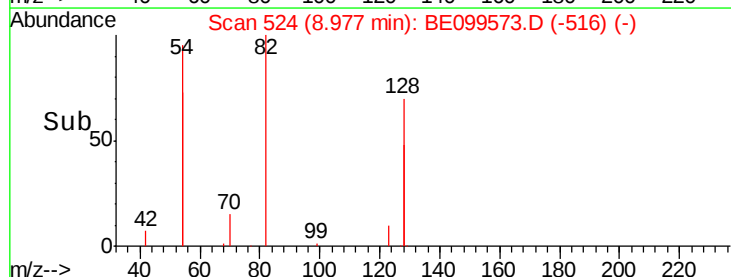
54 170.3 127.4 191.2

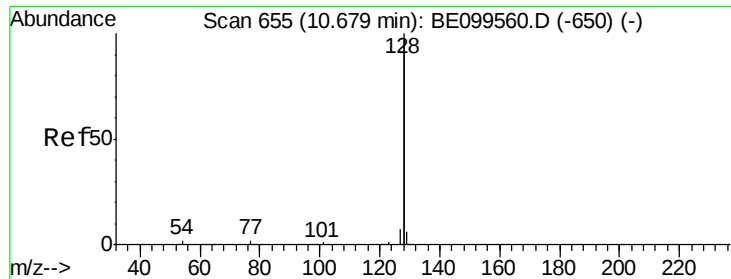


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.425 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

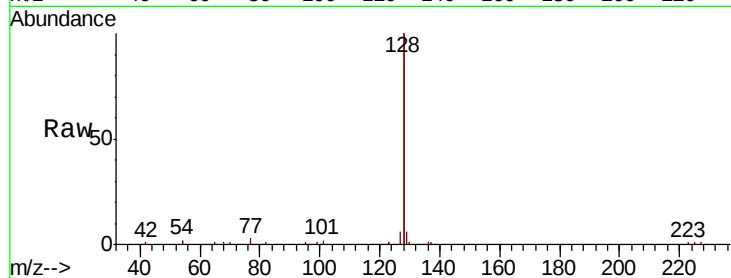
Tot Ion:128 Resp: 27305

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

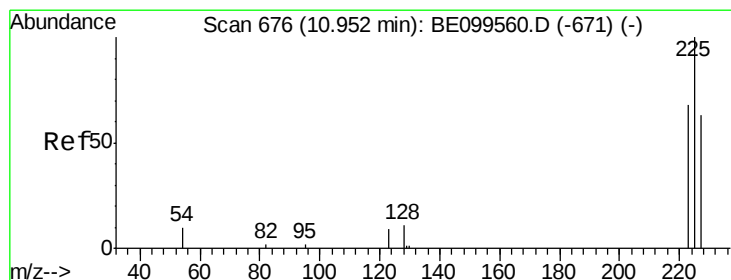
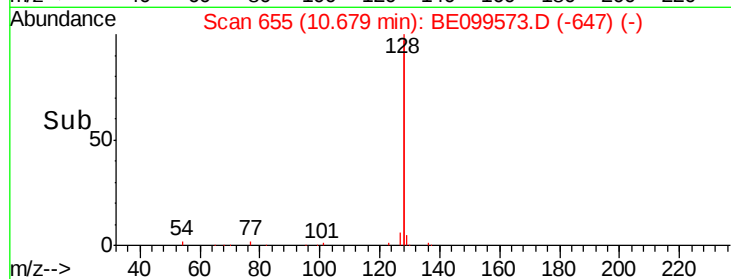
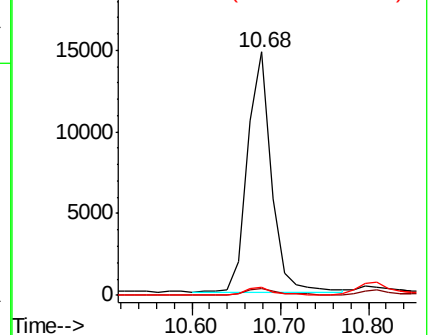
127 3.2 3.0 4.4



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: 0.423 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

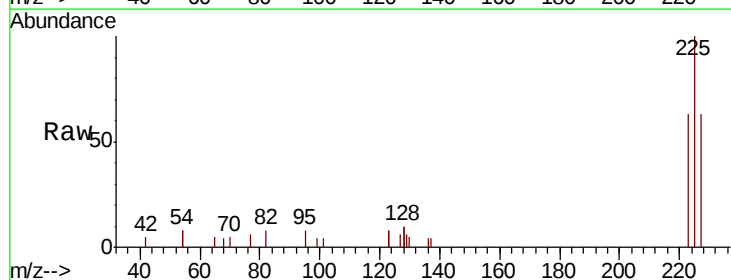
Tgt Ion:225 Resp: 1972

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

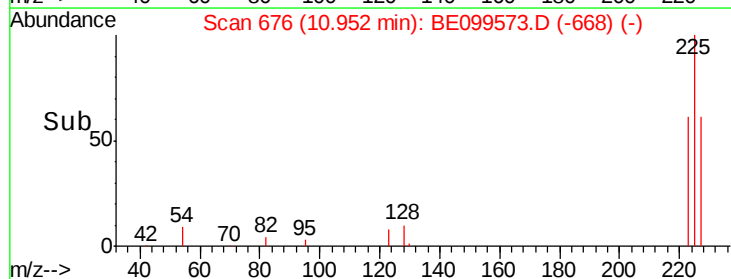
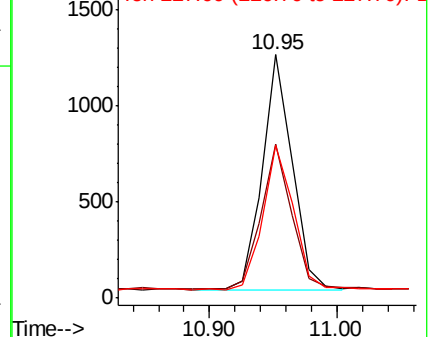
227 63.1 51.4 77.0

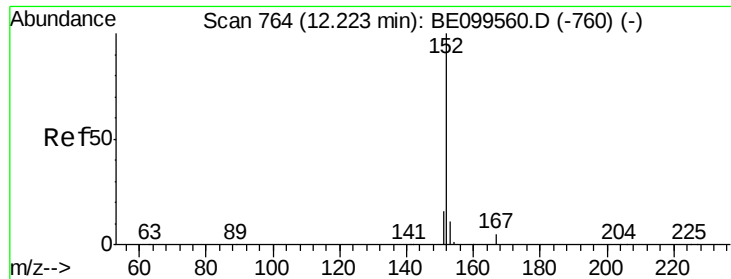


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

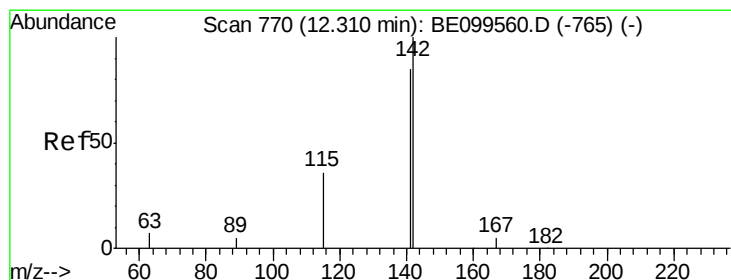
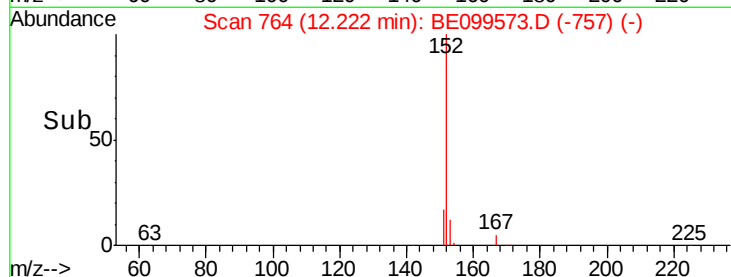
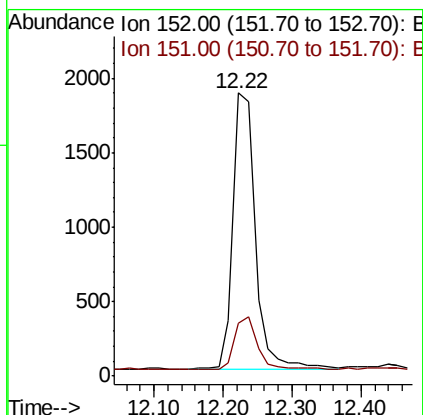
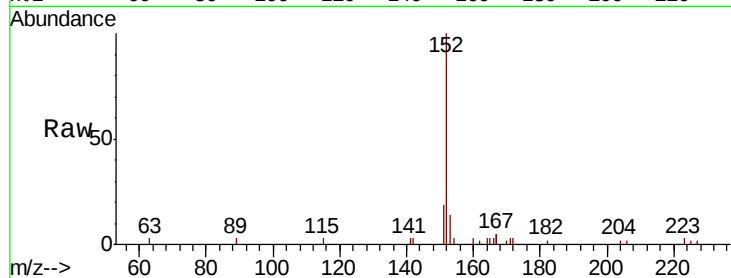




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099573.D
 Acq: 8 May 2019 8:46

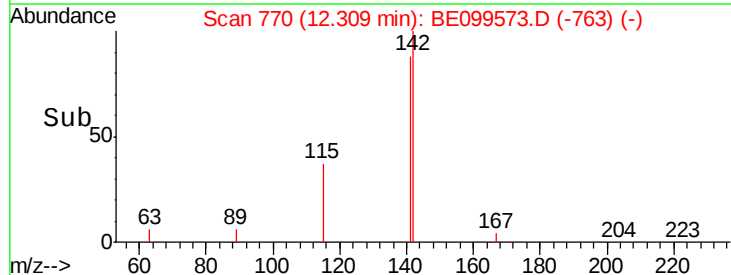
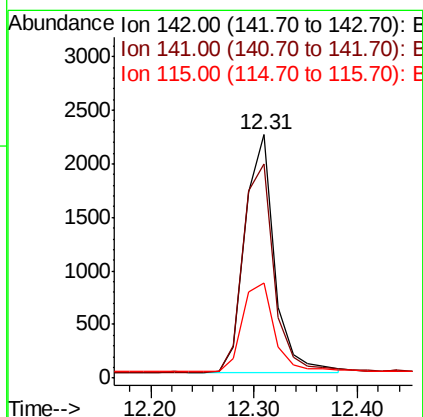
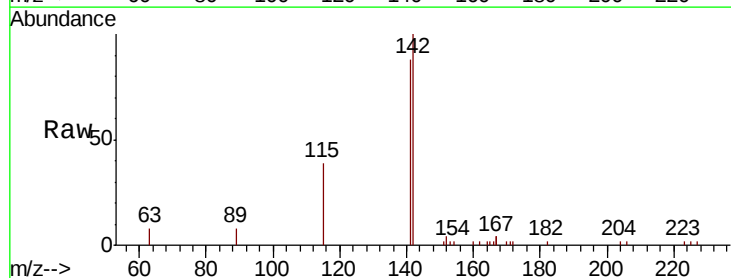
Instrument :
 BNA_E
 ClientSampleId :

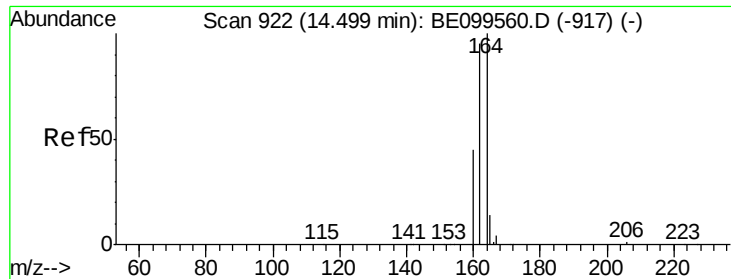
Tot Ion:152 Resp: 4153
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.405 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE099573.D
 Acq: 8 May 2019 8:46

Tgt Ion:142 Resp: 4402
 Ion Ratio Lower Upper
 142 100
 141 87.9 68.1 102.1
 115 39.2 30.8 46.2

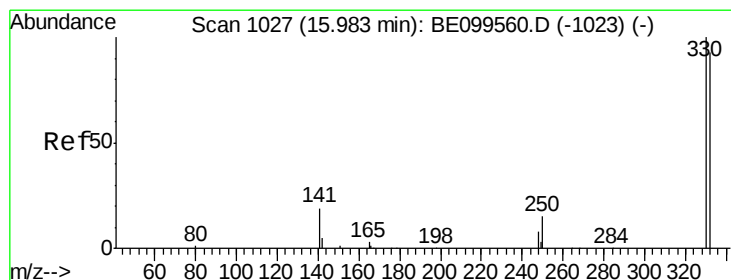
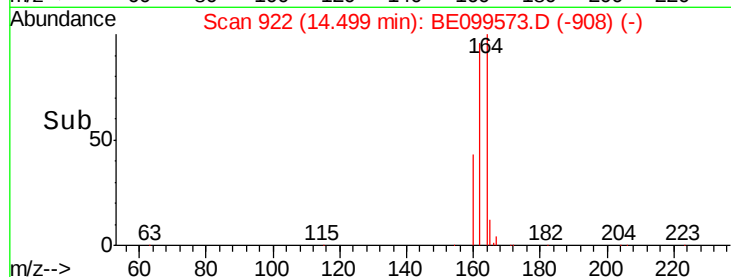
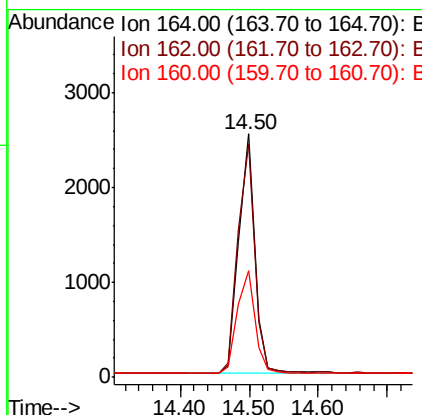
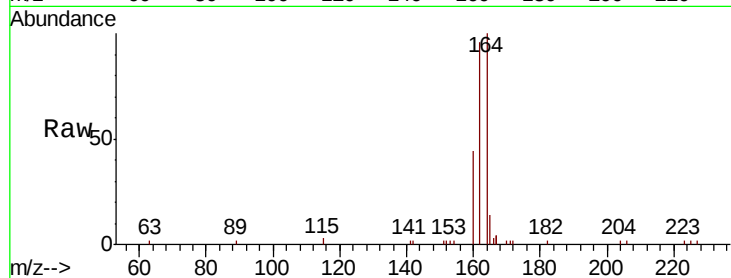




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

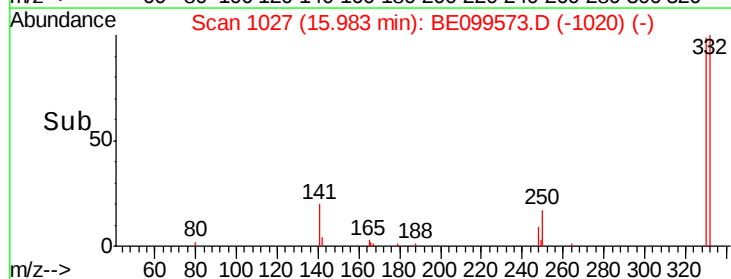
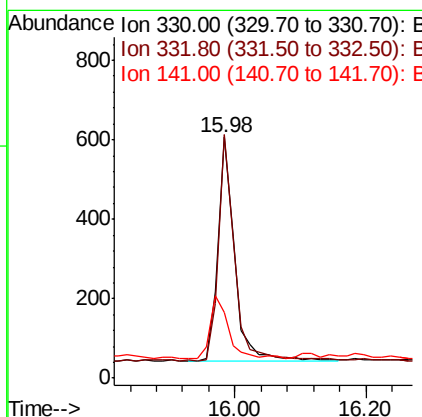
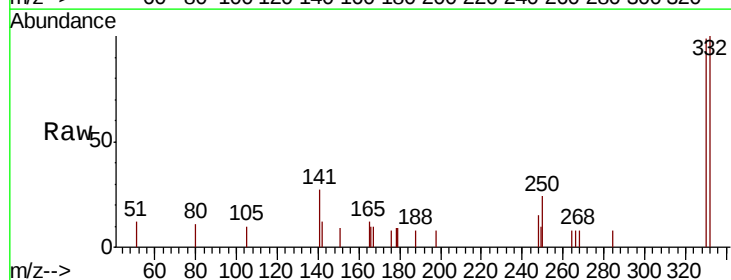
Instrument :
BNA_E
ClientSampleId :

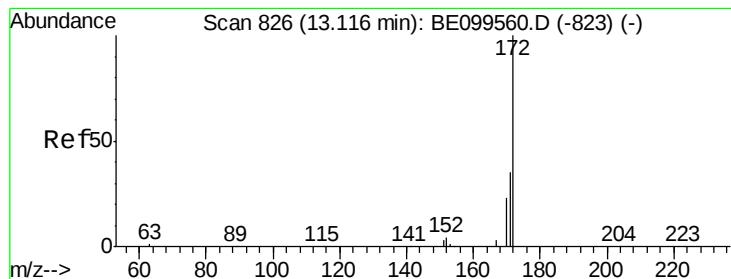
Tot Ion:164 Resp: 4067
Ion Ratio Lower Upper
164 100
162 95.7 76.4 114.6
160 43.6 36.6 55.0



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:330 Resp: 996
Ion Ratio Lower Upper
330 100
332 99.7 77.7 116.5
141 31.3 26.1 39.1

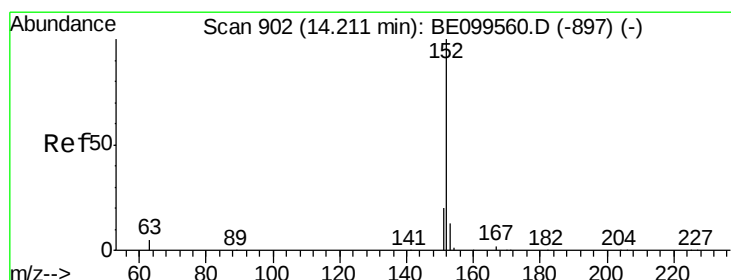
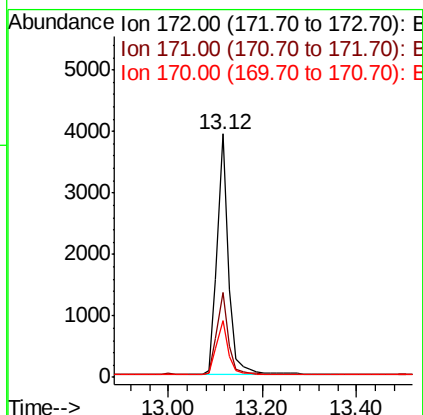
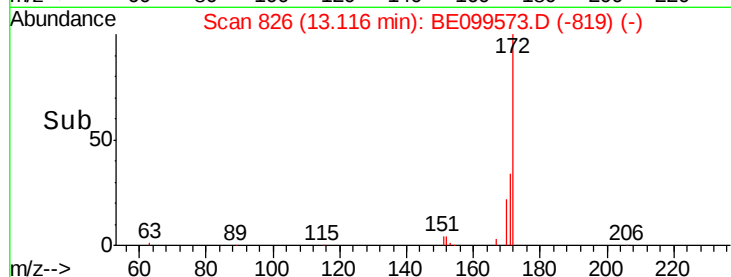
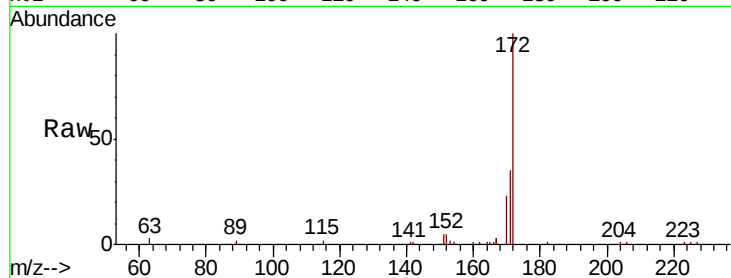




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

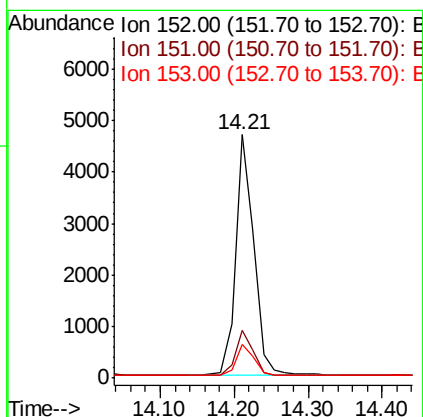
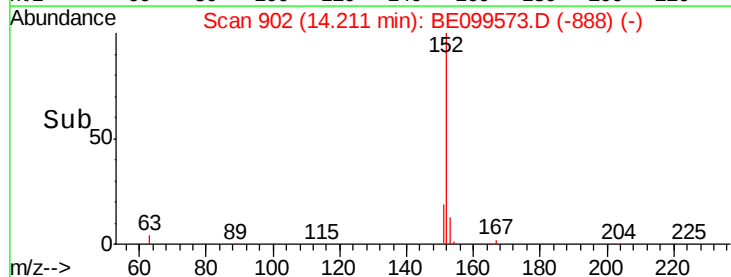
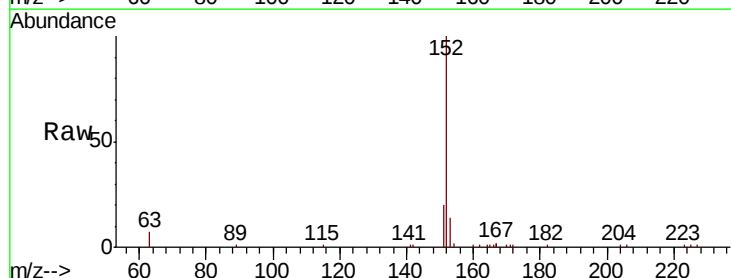
Instrument :
BNA_E
ClientSampleId :

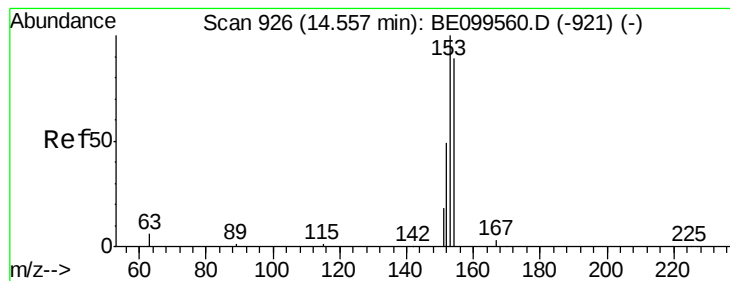
Tot Ion:172 Resp: 6550
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 18.8 28.2



#16
Acenaphthylene
Concen: 0.409 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099573.D
Acq: 8 May 2019 8:46

Tgt Ion:152 Resp: 8032
Ion Ratio Lower Upper
152 100
151 18.8 15.8 23.8
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.413 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

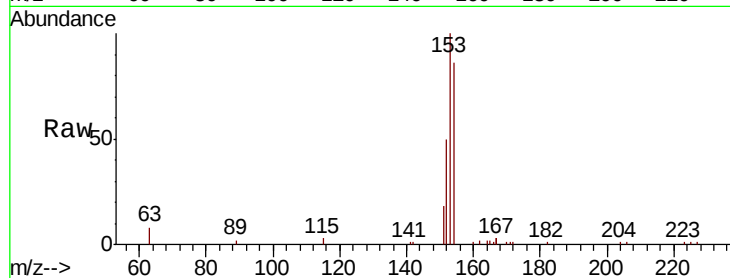
Tot Ion:154 Resp: 4527

Ion Ratio Lower Upper

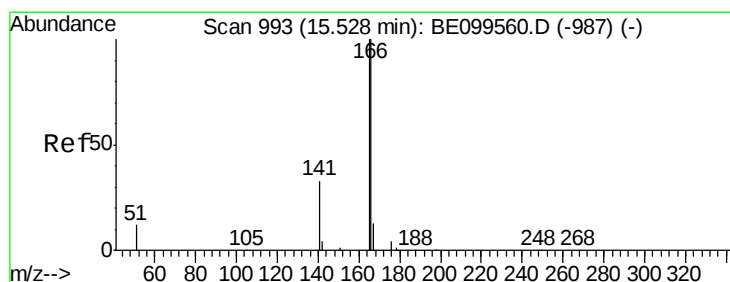
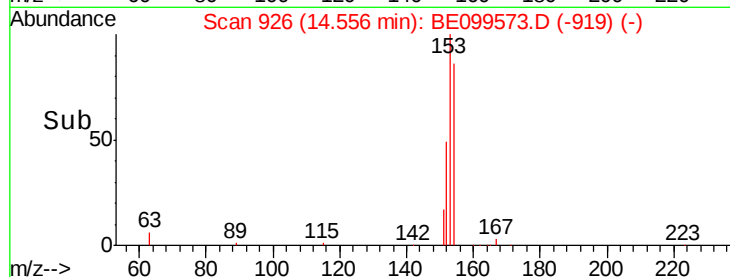
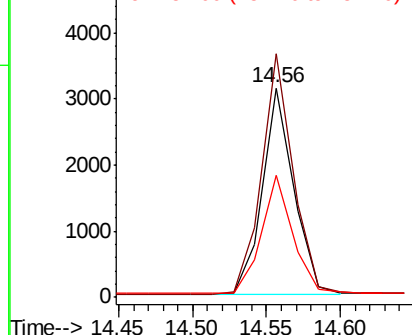
154 100

153 117.5 89.7 134.5

152 57.8 43.9 65.9



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: 0.427 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

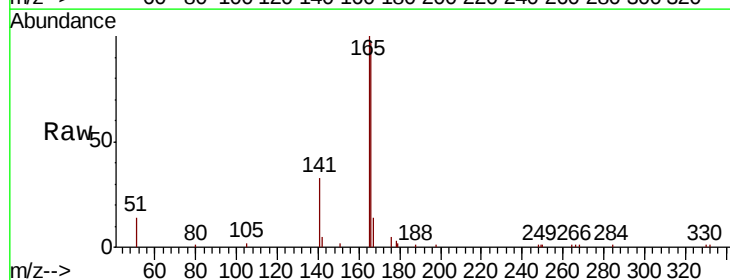
Tgt Ion:166 Resp: 6678

Ion Ratio Lower Upper

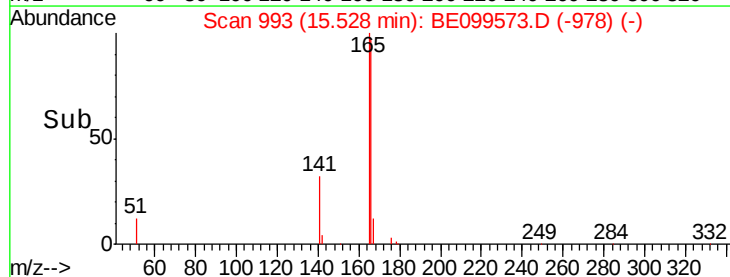
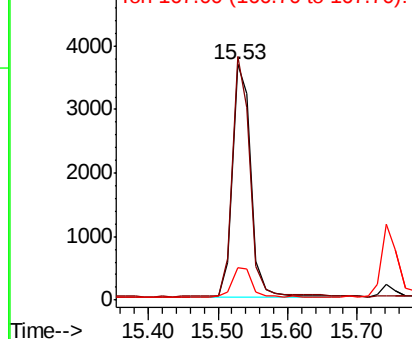
166 100

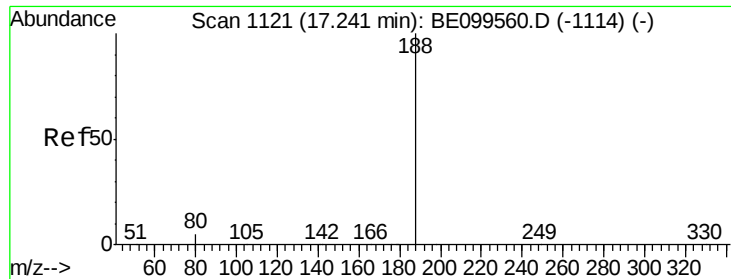
165 99.1 79.0 118.6

167 13.1 11.5 17.3



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





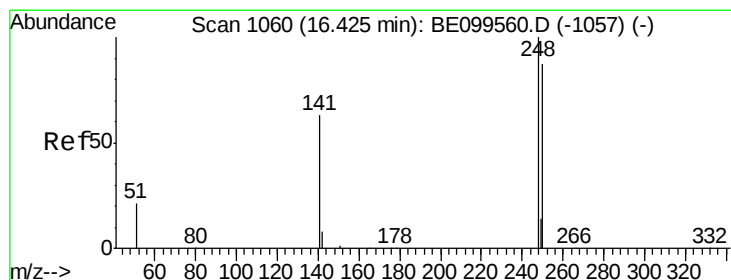
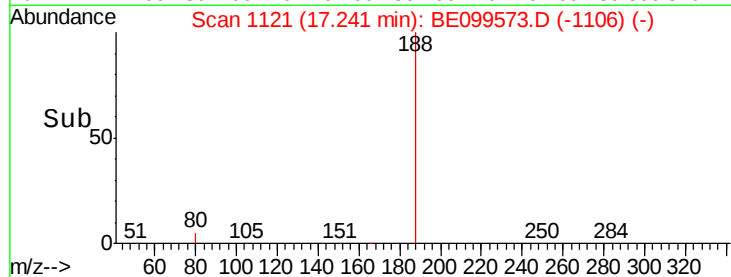
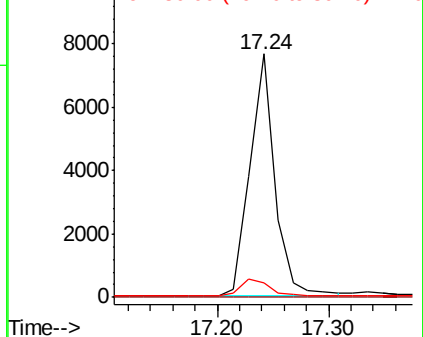
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BE099573.D
 Acq: 8 May 2019 8:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:188 Resp: 11928
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 5.9 4.6 7.0

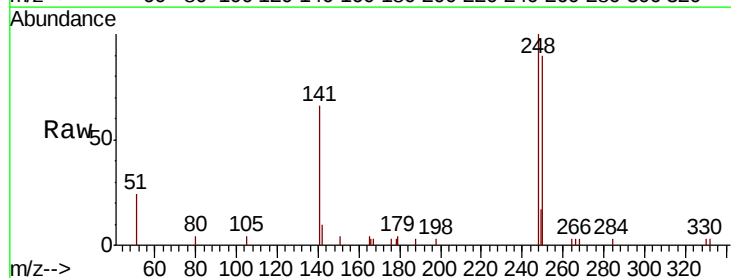


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE0
 Ion 80.00 (79.70 to 80.70): BE0

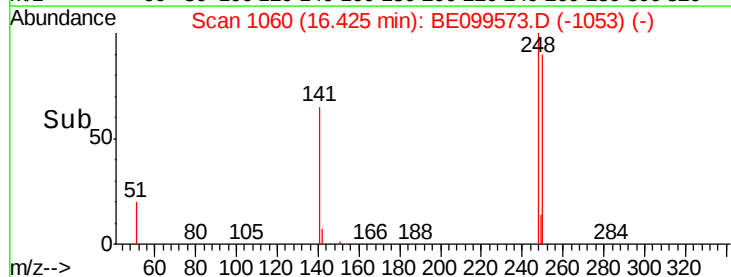
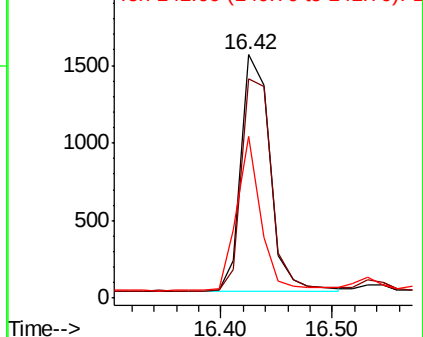


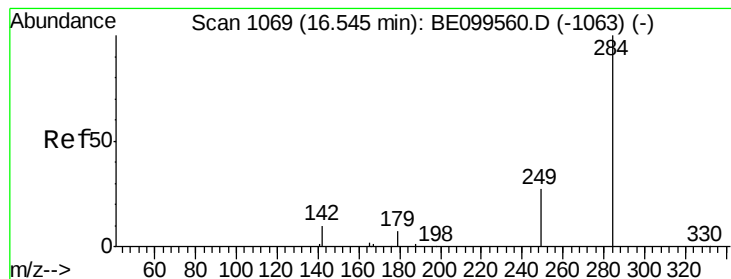
#20
 4-Bromophenyl-phenylether
 Concen: 0.406 ng
 RT: 16.42 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE099573.D
 Acq: 8 May 2019 8:46

Tgt Ion:248 Resp: 2752
 Ion Ratio Lower Upper
 248 100
 250 89.9 70.0 105.0
 141 66.5 51.8 77.8



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: 0.405 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

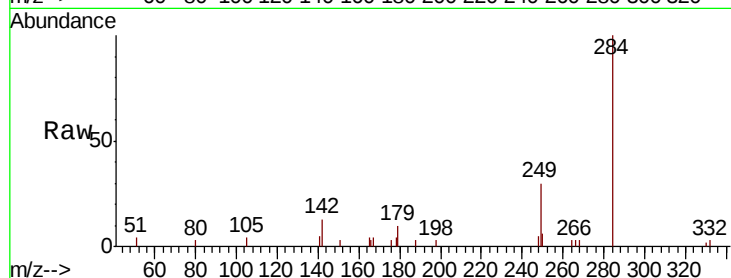
Instrument :

BNA_E

ClientSampled :

Tot Ion:284 Resp: 2730

Ion	Ratio	Lower	Upper
284	100		
142	25.9	19.5	29.3
249	33.4	26.2	39.2

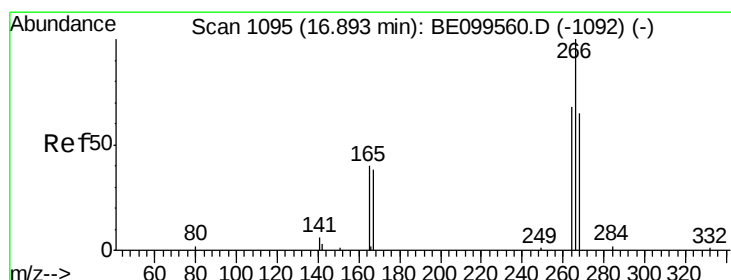
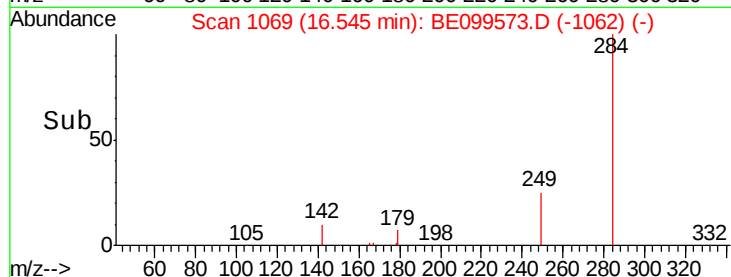
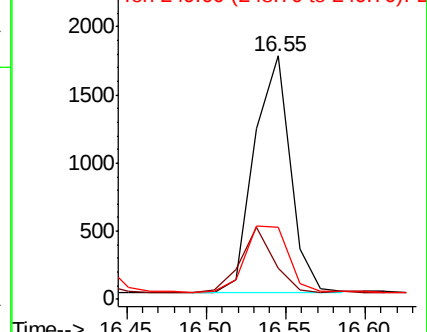


Abundance

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: 0.329 ng

RT: 16.91 min Scan# 1096

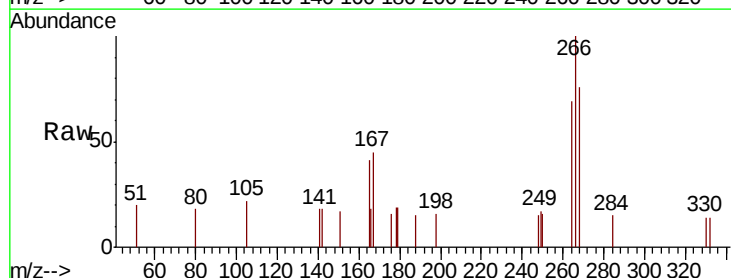
Delta R.T. 0.01 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Tgt Ion:266 Resp: 912

Ion	Ratio	Lower	Upper
266	100		
264	68.9	56.6	84.8
268	75.8	55.8	83.8

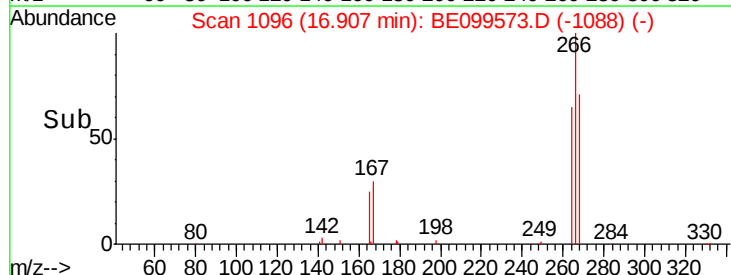
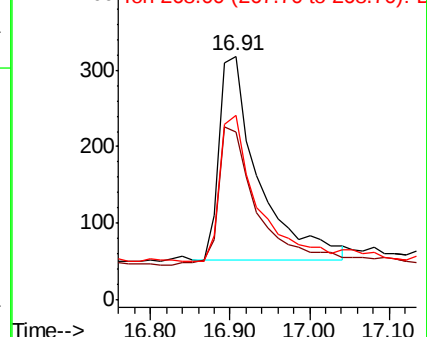


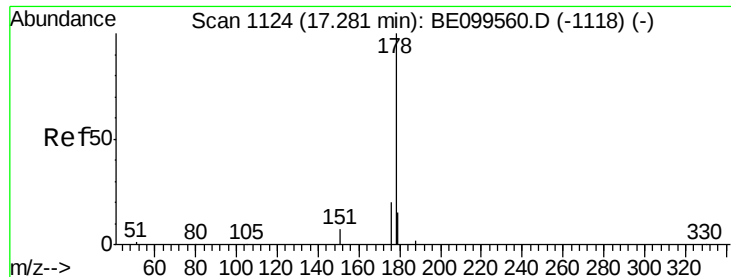
Abundance

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: 0.417 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

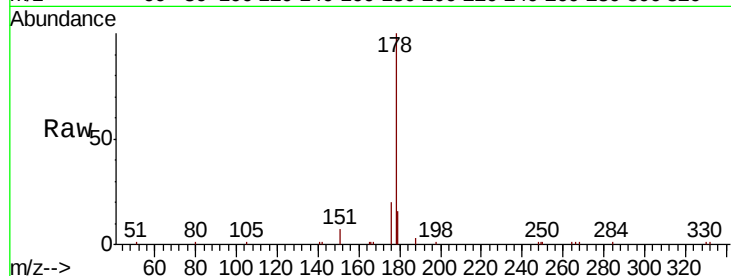
Tot Ion:178 Resp: 12261

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

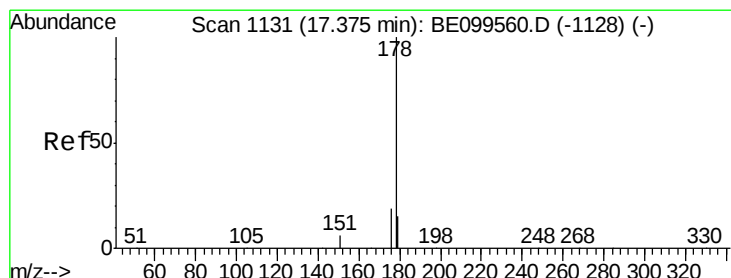
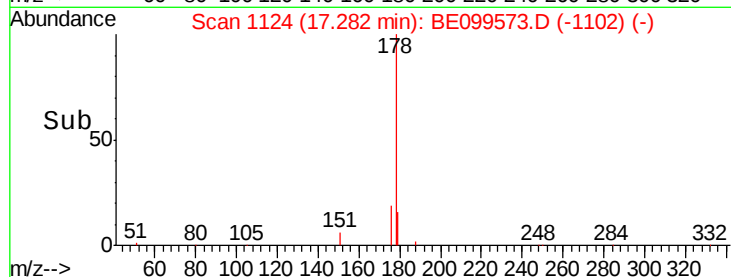
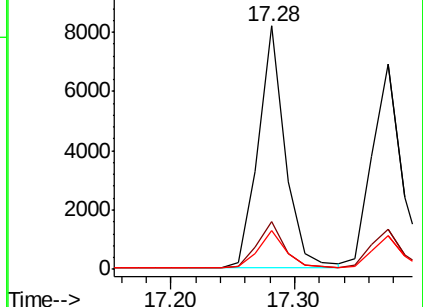
179 15.6 12.5 18.7



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: 0.393 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

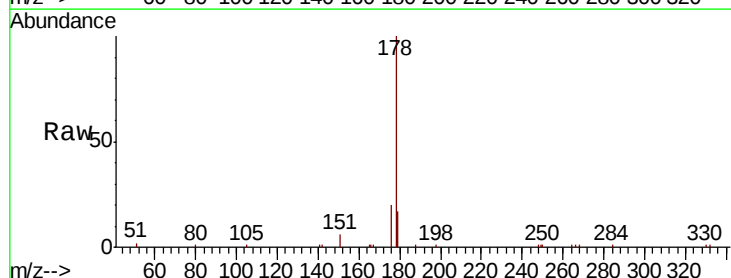
Tgt Ion:178 Resp: 11107

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

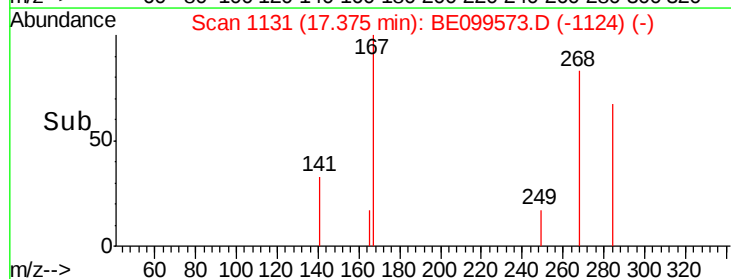
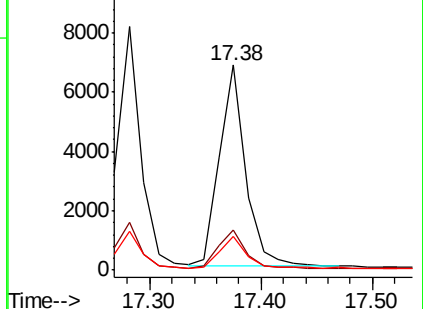
179 15.2 12.2 18.4

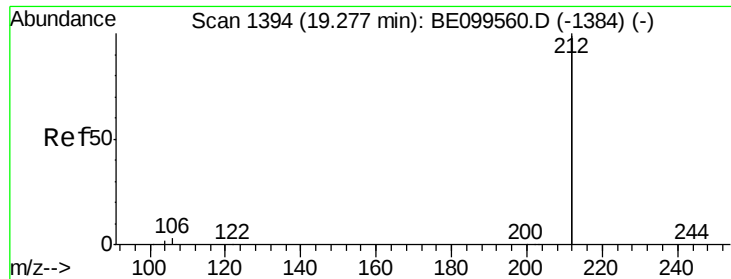


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

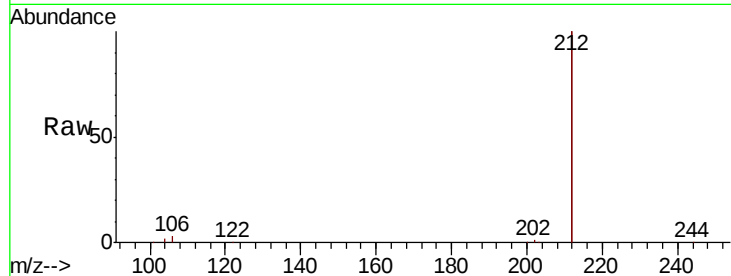
Tot Ion:212 Resp: 65145

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

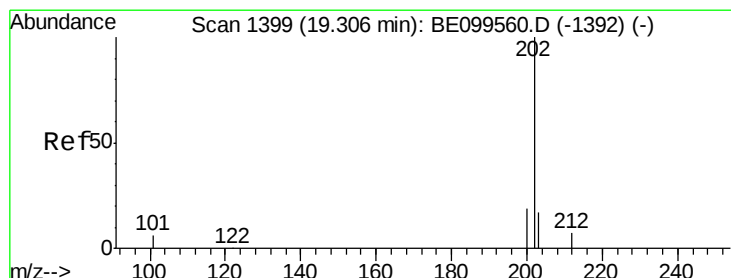
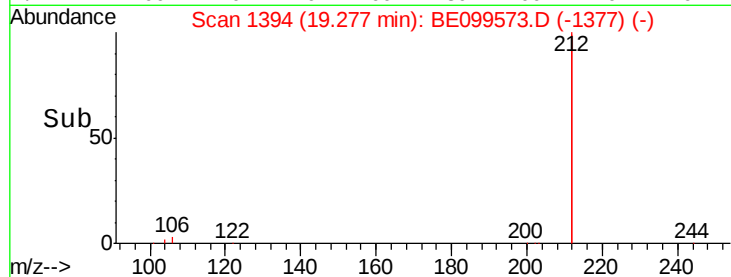
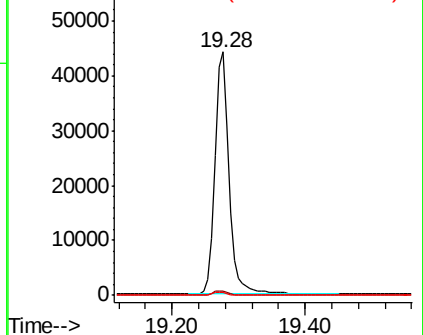
104 1.1 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.426 ng

RT: 19.31 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

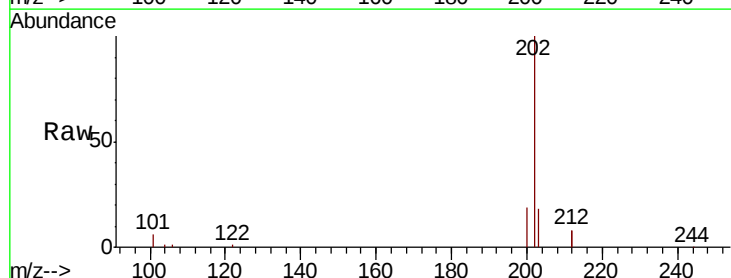
Tgt Ion:202 Resp: 19294

Ion Ratio Lower Upper

202 100

101 6.3 5.3 7.9

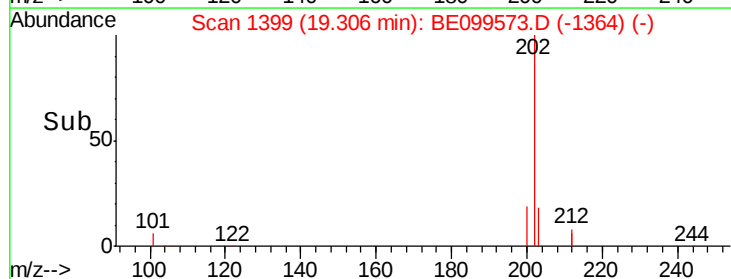
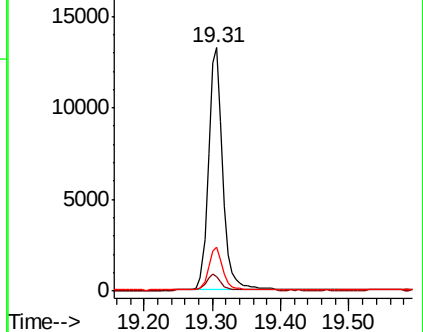
203 17.5 13.4 20.2

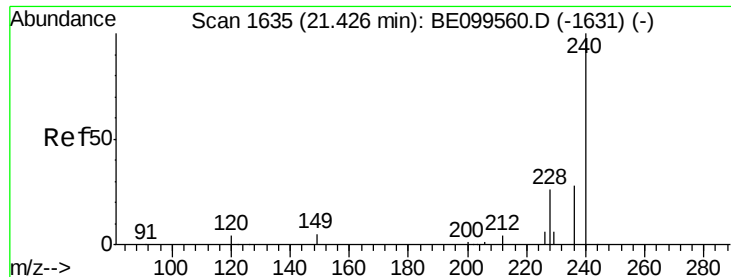


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

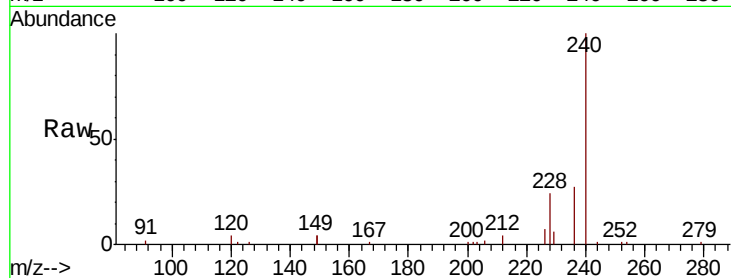
Tot Ion:240 Resp: 17580

Ion Ratio Lower Upper

240 100

120 4.0 3.8 5.6

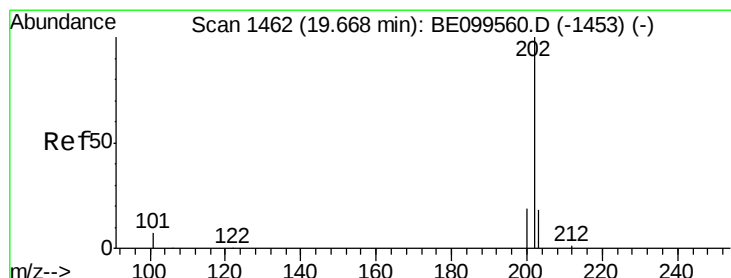
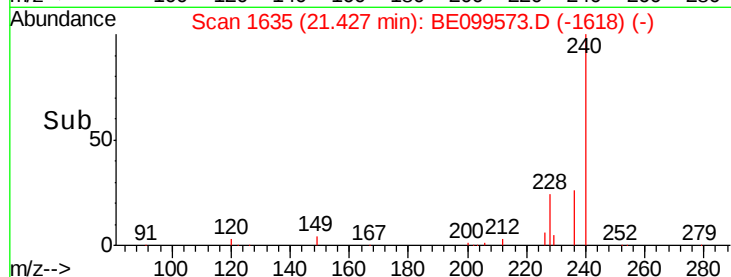
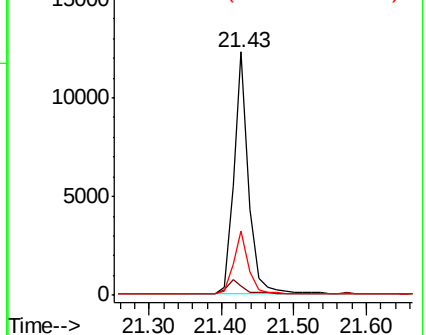
236 26.7 22.5 33.7



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: 0.433 ng

RT: 19.67 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

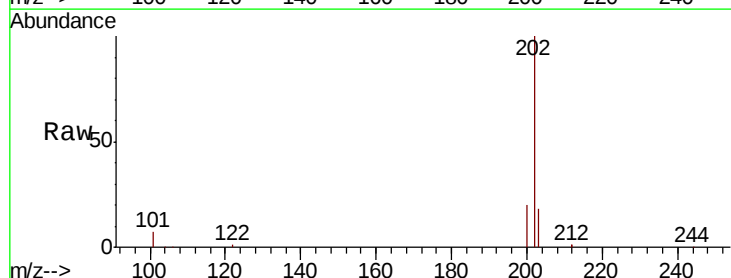
Tgt Ion:202 Resp: 20392

Ion Ratio Lower Upper

202 100

200 19.5 15.8 23.6

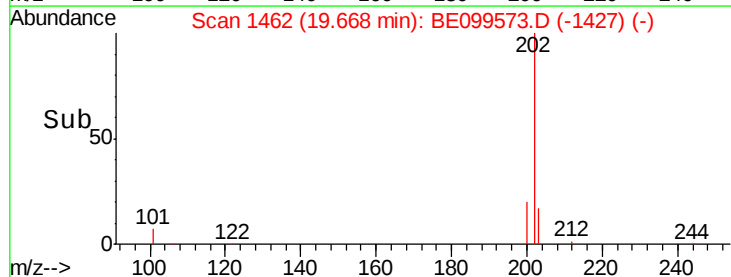
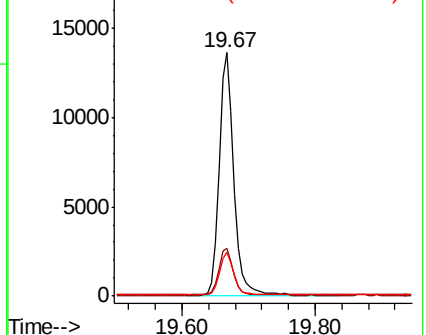
203 17.0 14.1 21.1

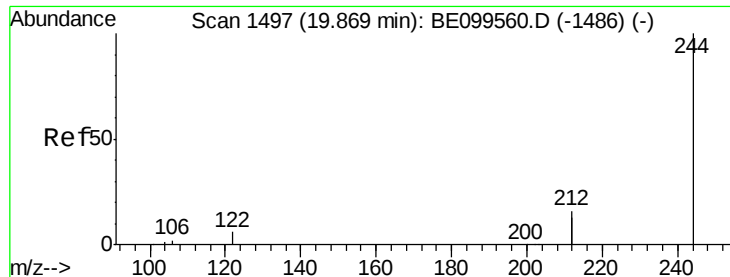


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampled :

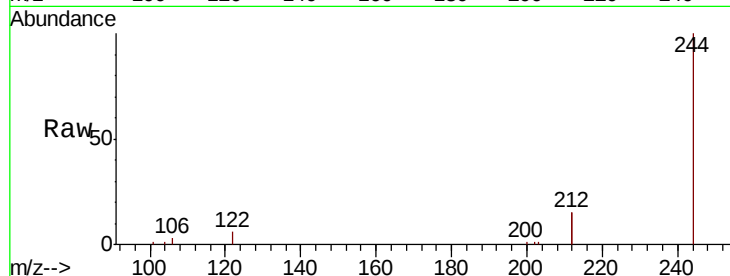
Tot Ion:244 Resp: 13892

Ion Ratio Lower Upper

244 100

212 30.5 24.6 37.0

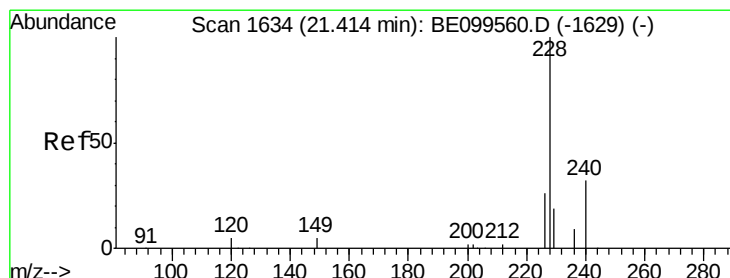
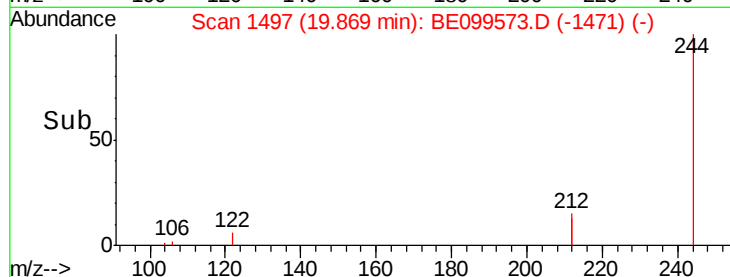
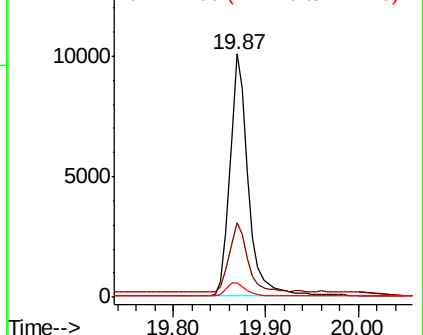
122 6.1 5.0 7.6



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: 0.446 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

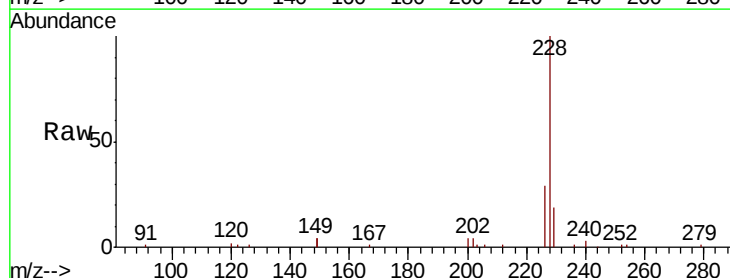
Tgt Ion:228 Resp: 24308

Ion Ratio Lower Upper

228 100

226 28.6 20.9 31.3

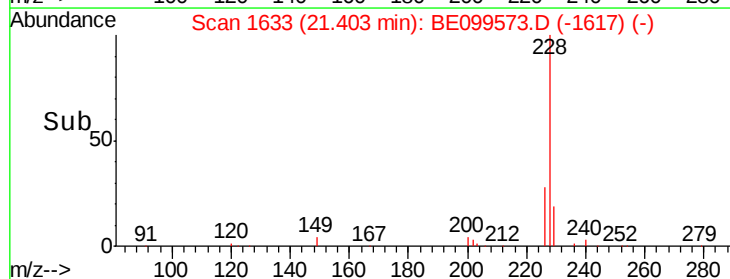
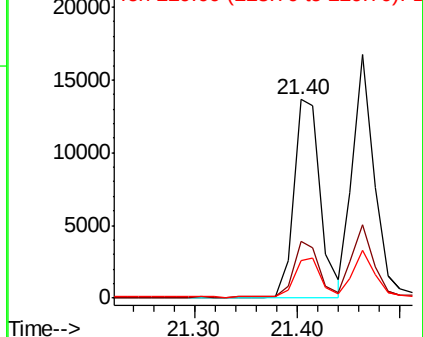
229 19.2 16.1 24.1

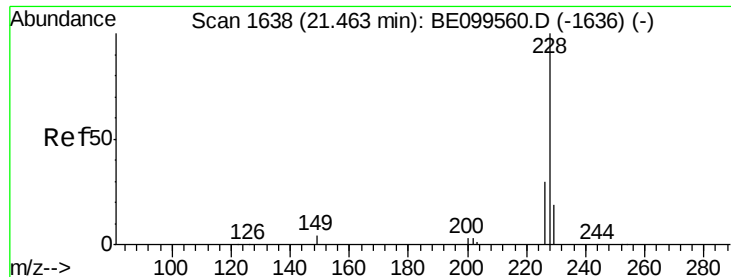


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.447 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

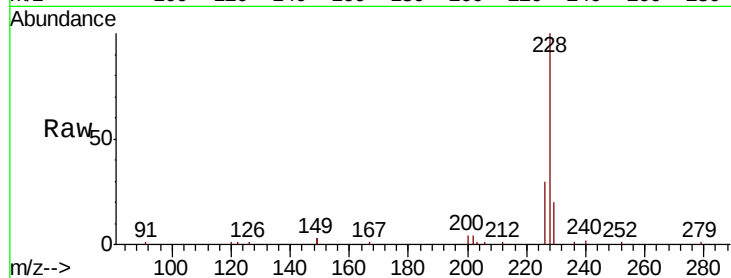
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 24003

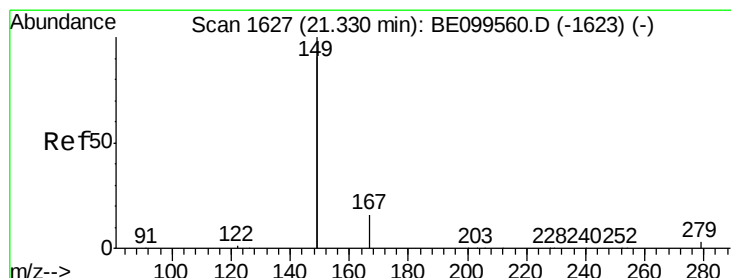
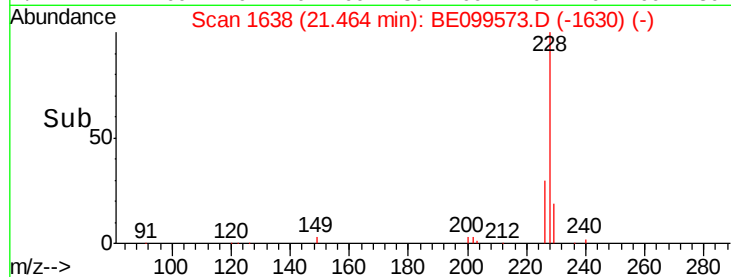
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.8	15.8	23.6



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: 0.420 ng

RT: 21.32 min Scan# 1626

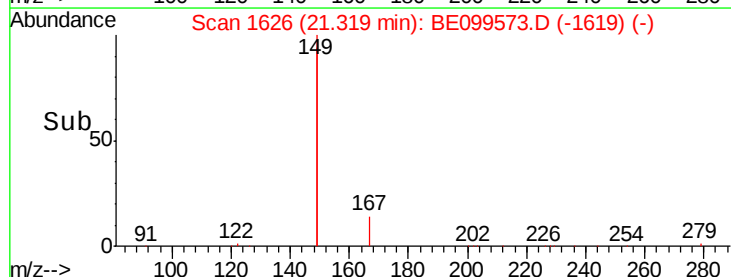
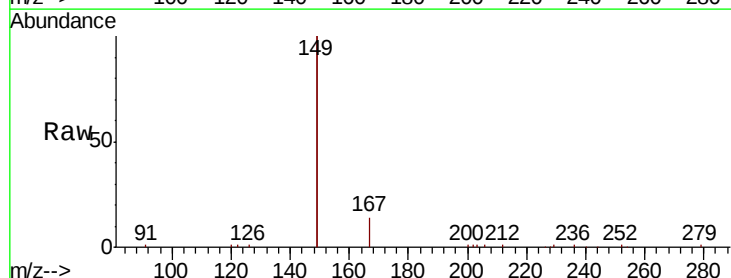
Delta R.T. -0.01 min

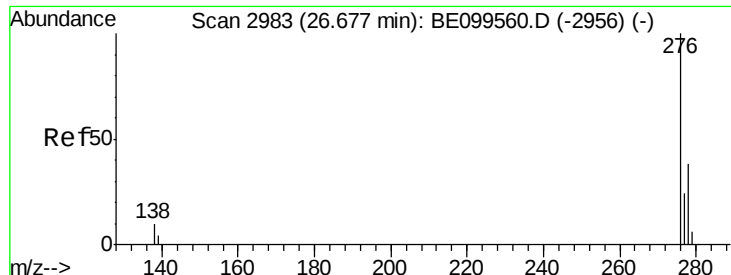
Lab File: BE099573.D

Acq: 8 May 2019 8:46

Tgt Ion:149 Resp: 36259

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.1	9.1
279	1.4	1.3	1.9





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.470 ng

RT: 26.68 min Scan# 2983

Delta R.T. -0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampled :

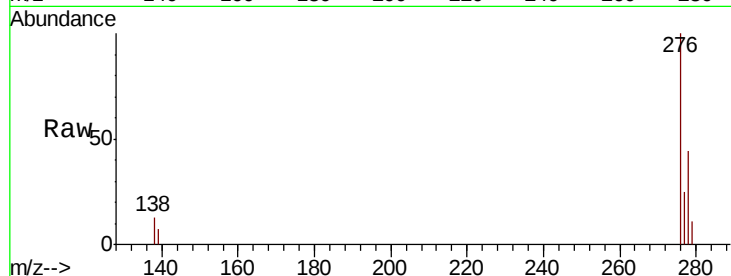
Tot Ion:276 Resp: 29991

Ion Ratio Lower Upper

276 100

138 12.9 9.5 14.3

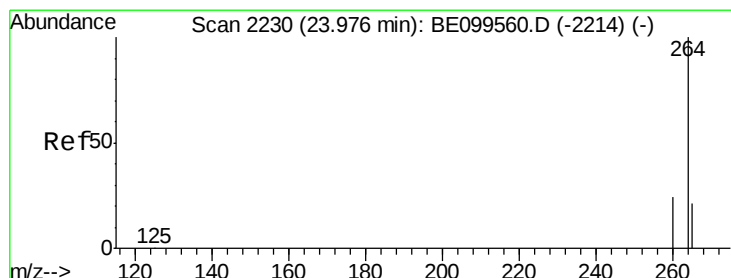
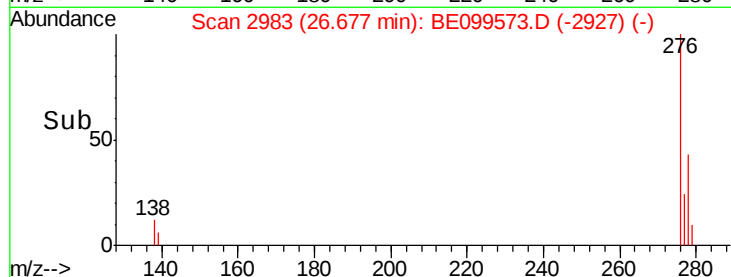
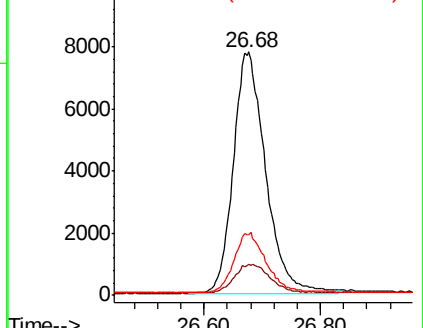
277 24.9 19.7 29.5



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# 2229

Delta R.T. -0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

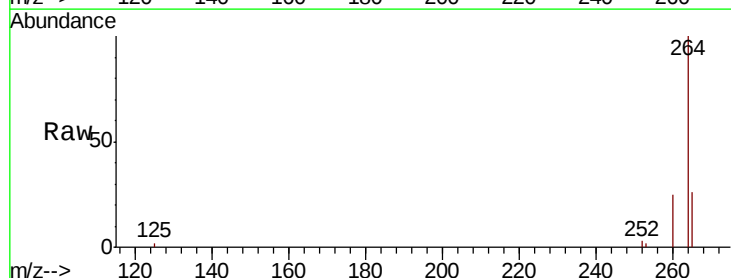
Tgt Ion:264 Resp: 20933

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

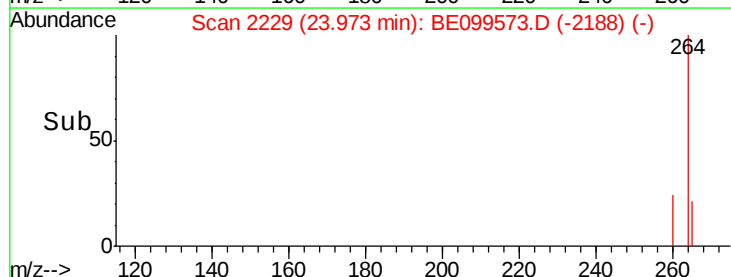
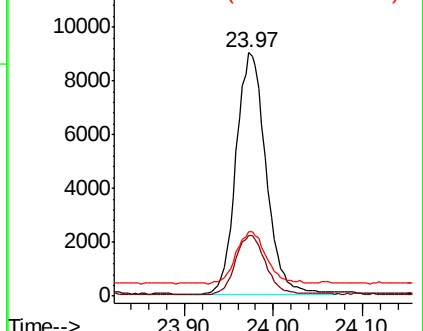
265 26.2 22.2 33.2

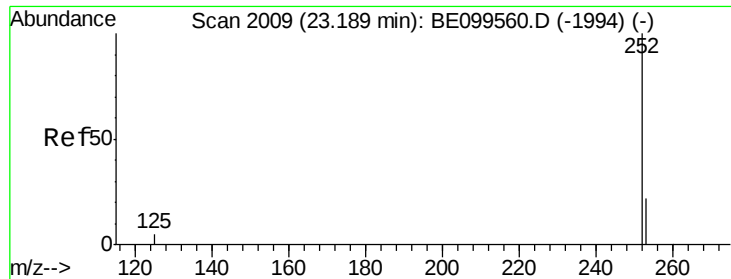


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.430 ng

RT: 23.23 min Scan# 2022

Delta R.T. 0.05 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

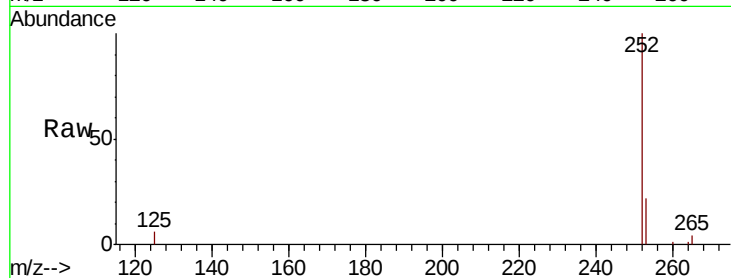
Tot Ion:252 Resp: 24819

Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.4

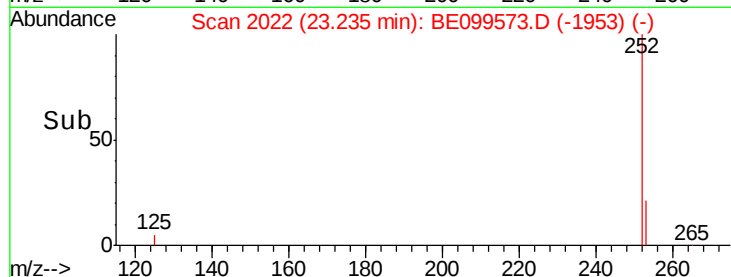
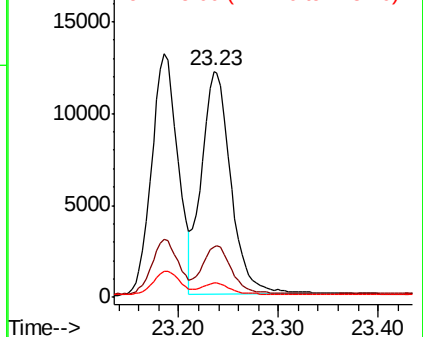
125 6.4 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.437 ng

RT: 23.23 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

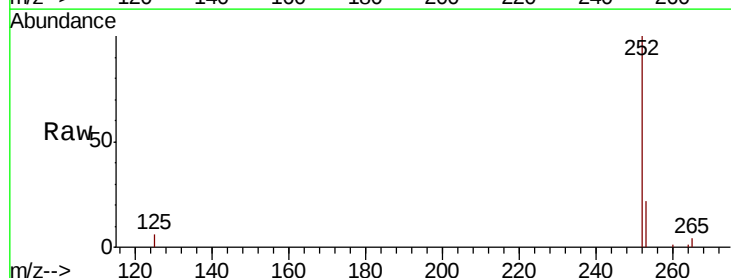
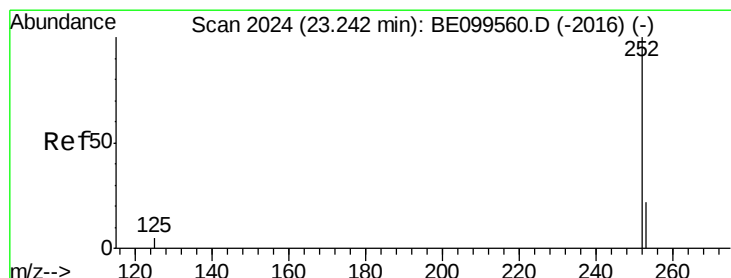
Tgt Ion:252 Resp: 24819

Ion Ratio Lower Upper

252 100

253 22.2 19.1 28.7

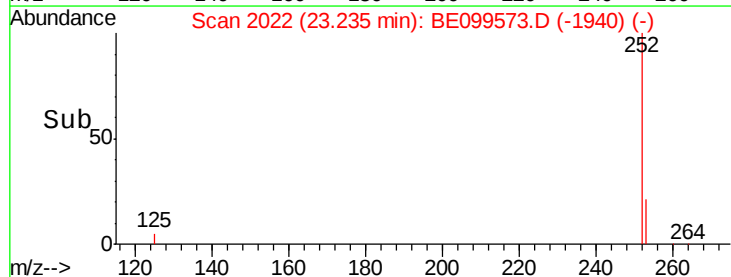
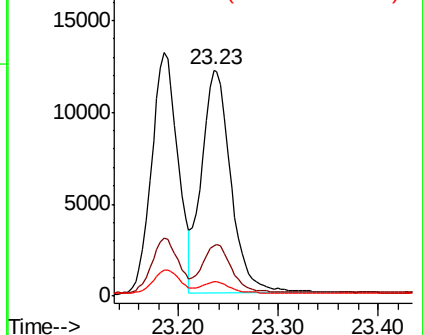
125 6.4 5.8 8.6

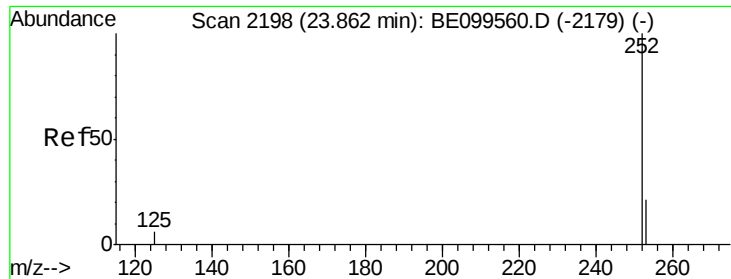


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.86 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

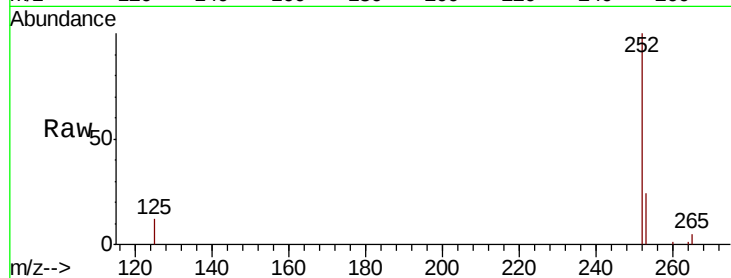
Tot Ion:252 Resp: 23710

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

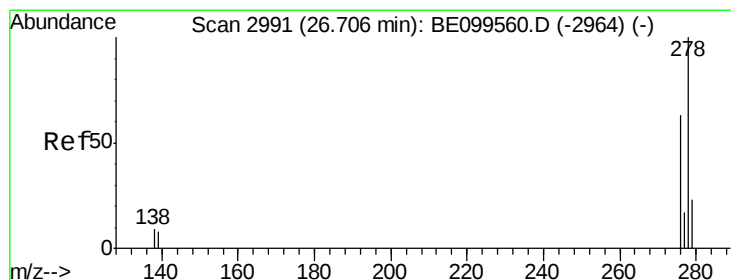
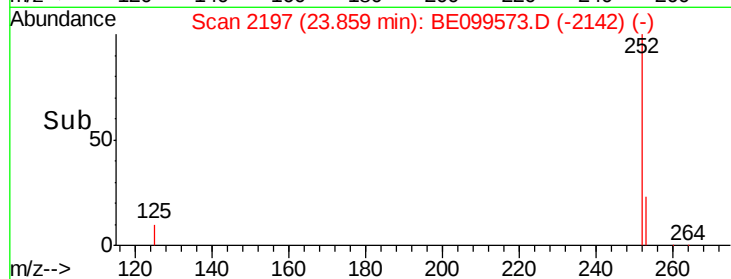
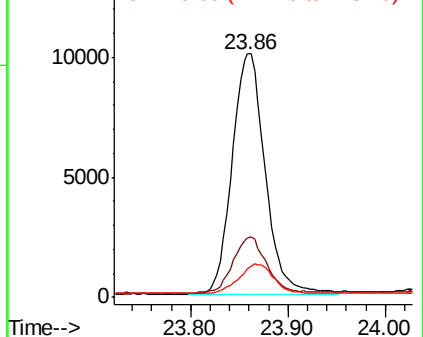
125 11.8 6.6 9.8#



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: 0.424 ng

RT: 26.70 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

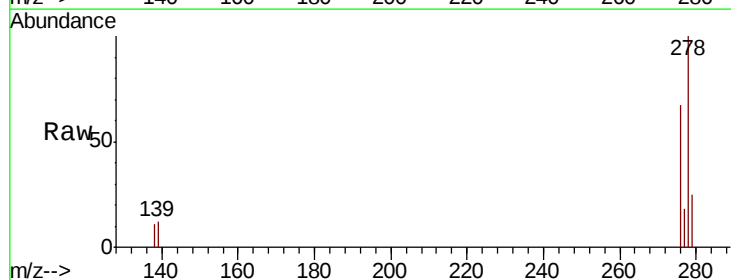
Tgt Ion:278 Resp: 24426

Ion Ratio Lower Upper

278 100

139 11.8 7.7 11.5#

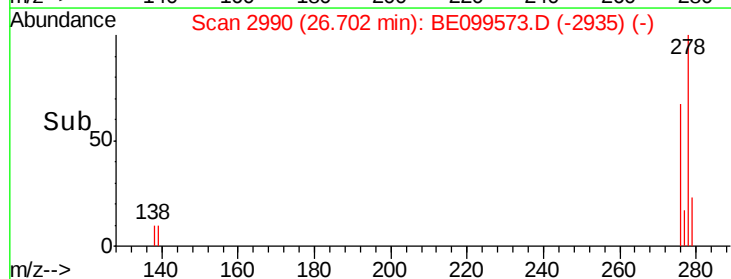
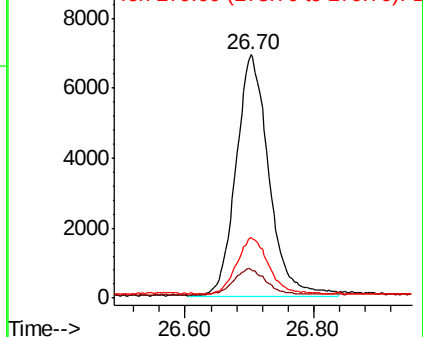
279 24.9 21.0 31.4

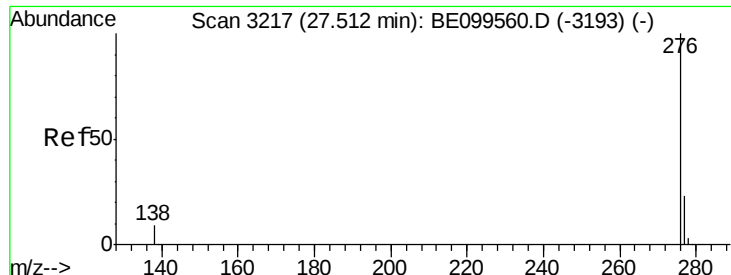


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.429 ng

RT: 27.51 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BE099573.D

Acq: 8 May 2019 8:46

Instrument :

BNA_E

ClientSampleId :

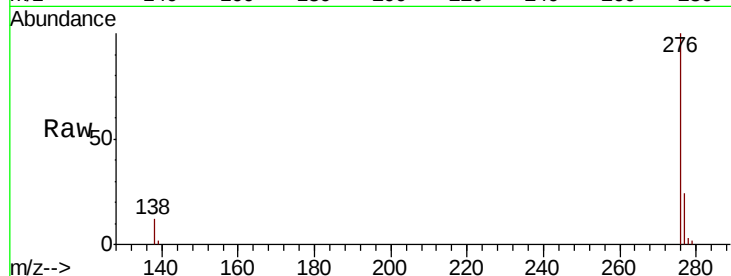
Tot Ion:276 Resp: 24722

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 12.2 8.6 12.8



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

