

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
 Data File : BE099576.D
 Acq On : 8 May 2019 11:17
 Operator : JU/SJ
 Sample : PB119274BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119274BS

Quant Time: May 08 17:08:05 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	1919	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6664	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4214	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11880	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17089	0.40	ng	0.00
34) Perylene-d12	23.97	264	21083	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1806	0.34	ng	0.00
5) Phenol-d6	6.99	99	2413	0.34	ng	0.00
8) Nitrobenzene-d5	8.98	82	2095	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3659m	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	713	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	5603	0.35	ng	0.00
25) Fluoranthene-d10	19.27	212	53159	0.33	ng	0.00
29) Terphenyl-d14	19.87	244	11414	0.36	ng	0.00

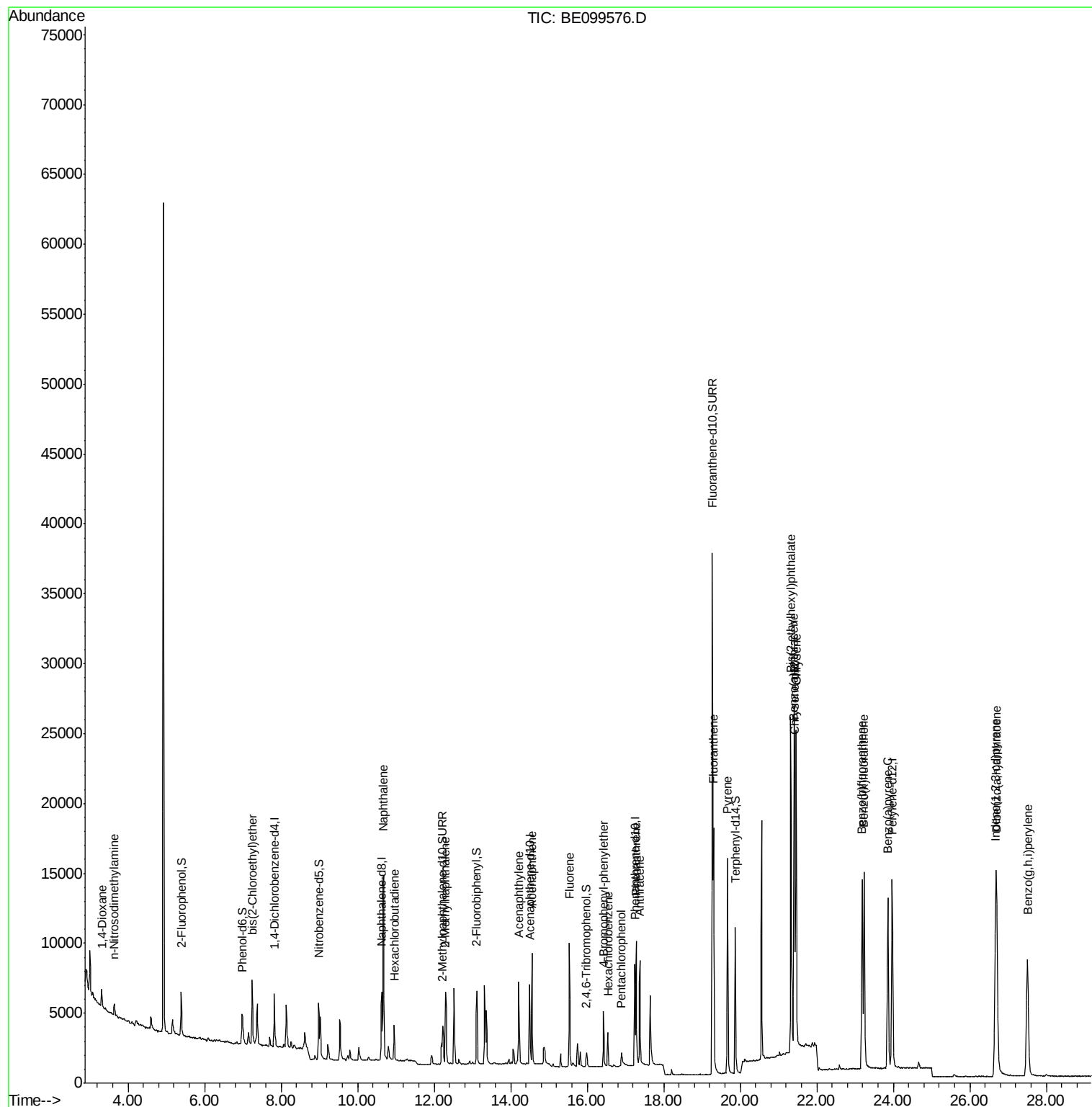
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	953	0.352	ng	# 52
3) n-Nitrosodimethylamine	3.64	42	607	0.338	ng	# 83
6) bis(2-Chloroethyl)ether	7.24	93	1982	0.340	ng	97
9) Naphthalene	10.68	128	25083	0.355	ng	100
10) Hexachlorobutadiene	10.95	225	1718	0.335	ng	99
12) 2-Methylnaphthalene	12.29	142	4103	0.343	ng	89
16) Acenaphthylene	14.21	152	6828	0.336	ng	98
17) Acenaphthene	14.56	154	4027	0.354	ng	97
18) Fluorene	15.53	166	5552	0.342	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	2163	0.320	ng	91
21) Hexachlorobenzene	16.55	284	2306	0.343	ng	100
22) Pentachlorophenol	16.89	266	1094	0.396	ng	93
23) Phenanthrene	17.28	178	10129	0.346	ng	100
24) Anthracene	17.38	178	9463	0.336	ng	99
26) Fluoranthene	19.30	202	15648	0.347	ng	99
28) Pyrene	19.67	202	16511	0.361	ng	100
30) Benzo(a)anthracene	21.40	228	20726	0.391	ng	97
31) Chrysene	21.46	228	20203	0.387	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	29266	0.349	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	26551	0.428	ng	99
35) Benzo(b)fluoranthene	23.18	252	21014m	0.361	ng	
36) Benzo(k)fluoranthene	23.23	252	22073	0.386	ng	99
37) Benzo(a)pyrene	23.85	252	21283	0.380	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	22300	0.384	ng	98
39) Benzo(g,h,i)perylene	27.51	276	22658	0.390	ng	98

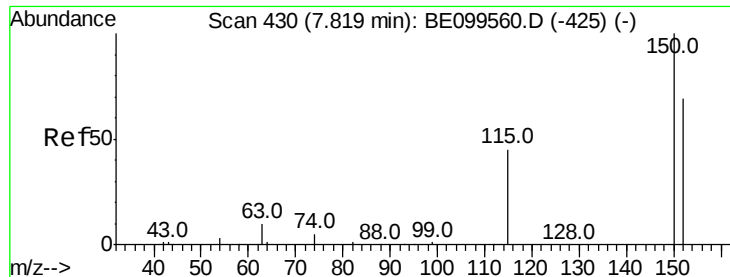
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

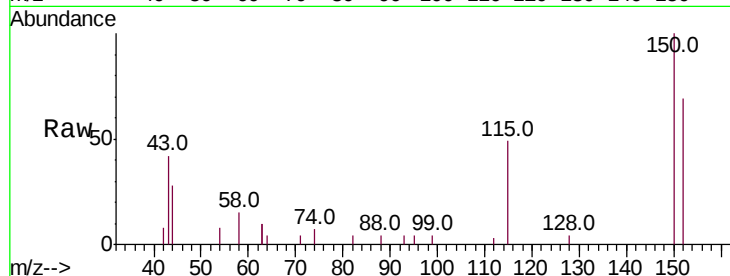
Tot Ion:152 Resp: 1919

Ion Ratio Lower Upper

152 100

150 145.2 113.8 170.6

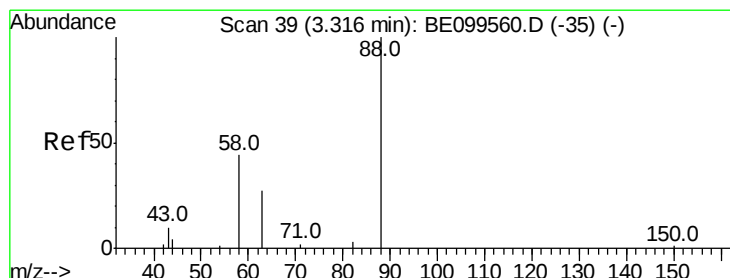
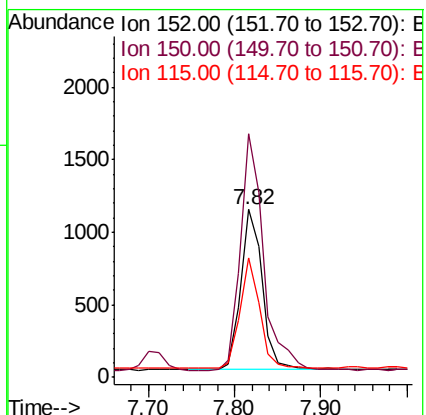
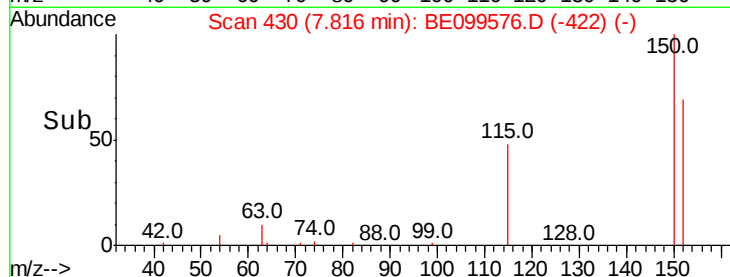
115 71.5 54.2 81.2



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



#2

1,4-Dioxane

Concen: 0.352 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

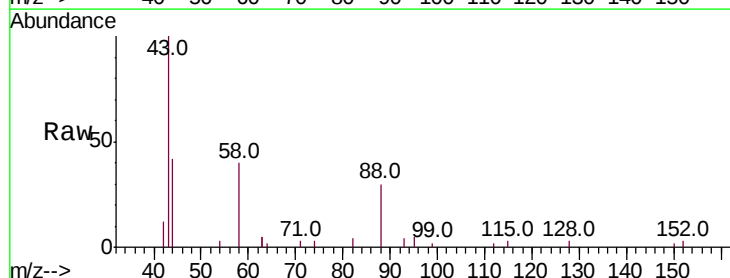
Tgt Ion: 88 Resp: 953

Ion Ratio Lower Upper

88 100

58 69.9 46.6 69.8#

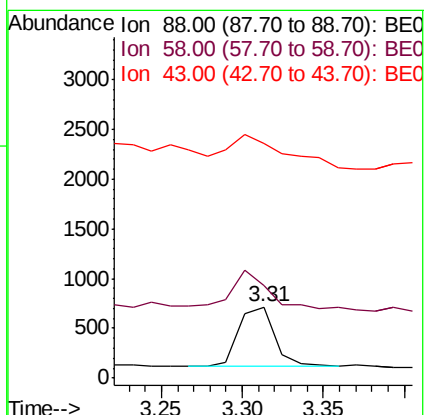
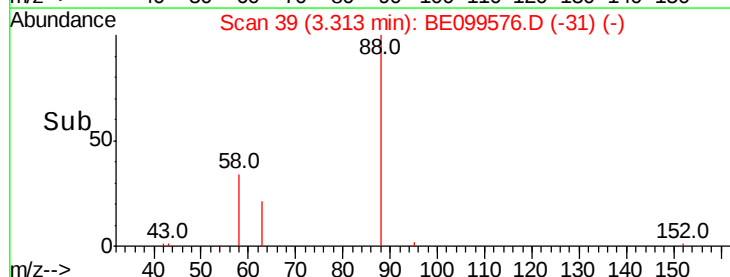
43 87.2 20.3 30.5#

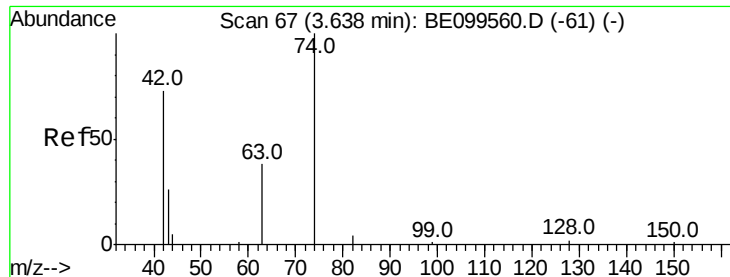


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.338 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

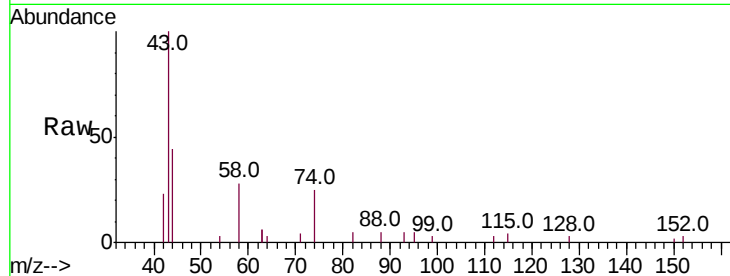
Instrument :

BNA_E

ClientSampleId :

PB119274BS

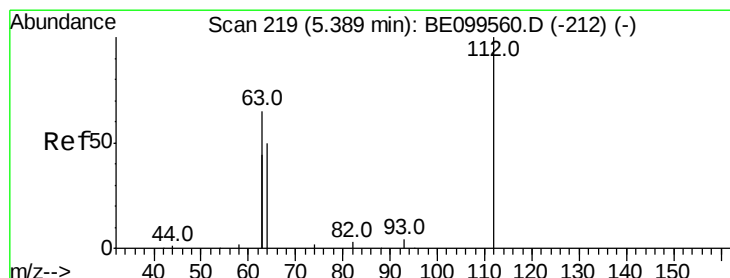
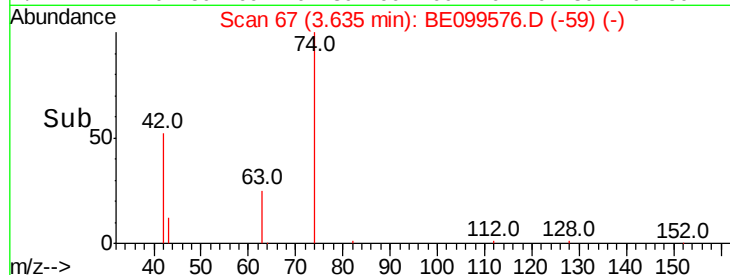
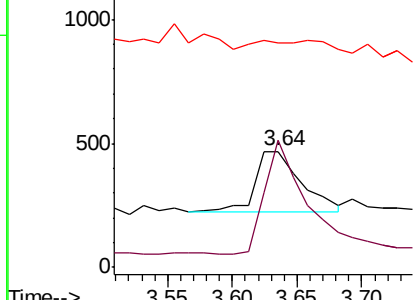
Tot Ion:	42	Resp:	607
Ion	Ratio	Lower	Upper
42	100		
74	173.3	121.3	181.9
44	1.5	0.0	0.0#



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



#4

2-Fluorophenol

Concen: 0.340 ng

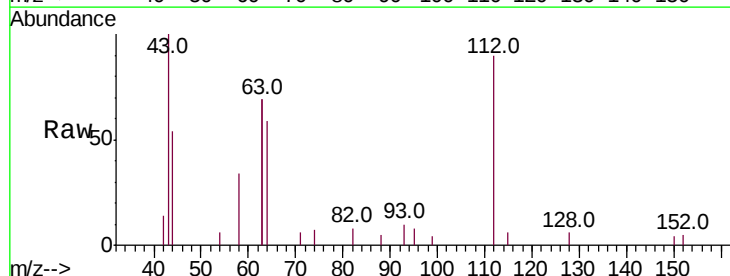
RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

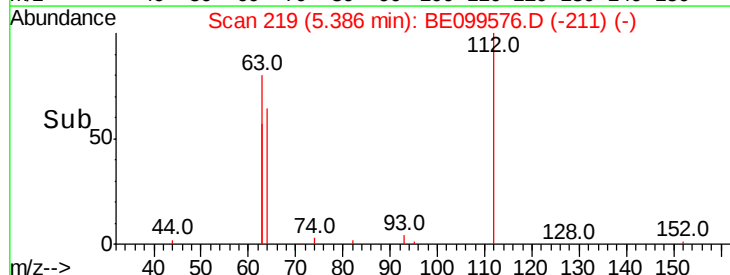
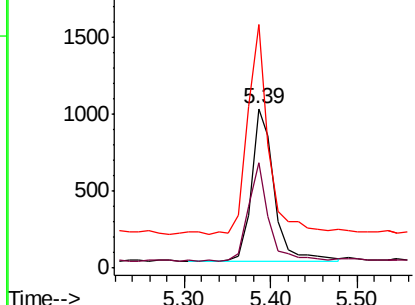
Tgt Ion:	112	Resp:	1806
Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.3	69.5
63	129.8	99.6	149.4

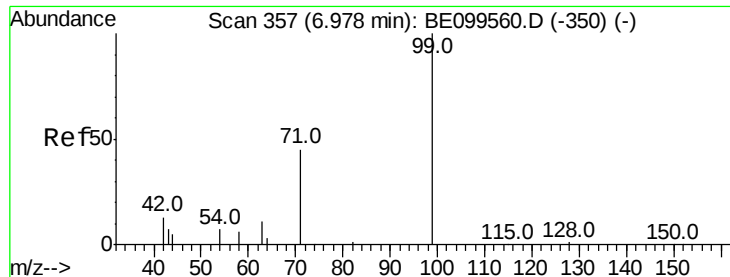


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

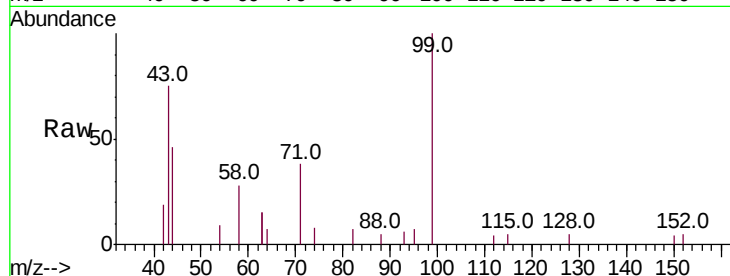
Tot Ion: 99 Resp: 2413

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.0

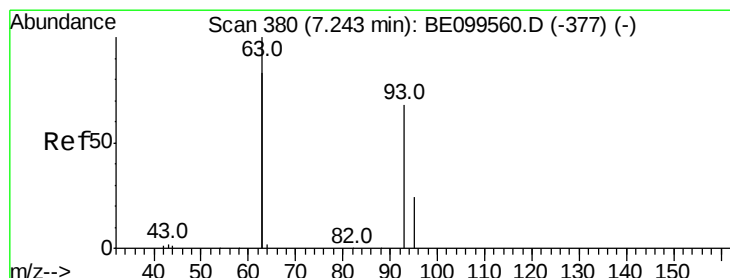
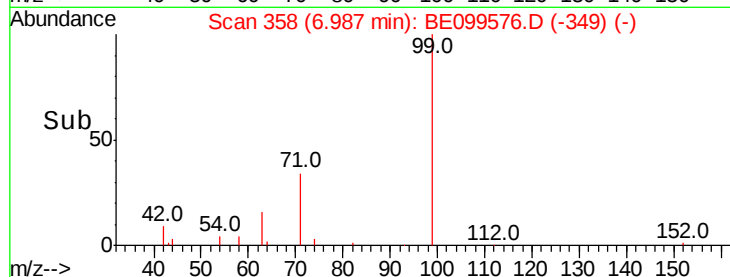
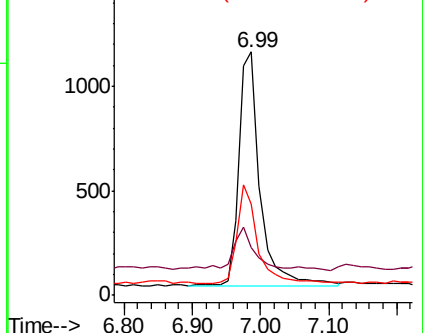
71 41.5 34.2 51.2



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: 0.340 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

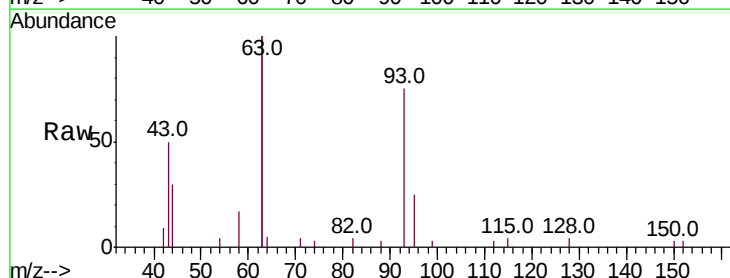
Tgt Ion: 93 Resp: 1982

Ion Ratio Lower Upper

93 100

63 265.5 209.0 313.4

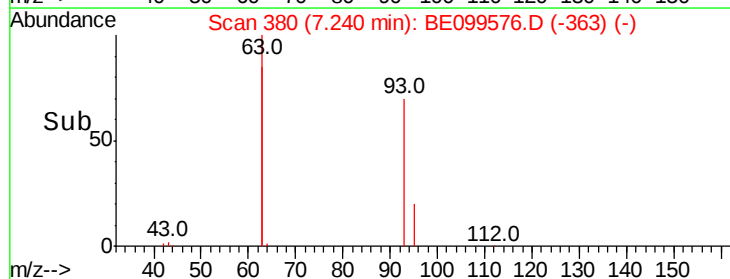
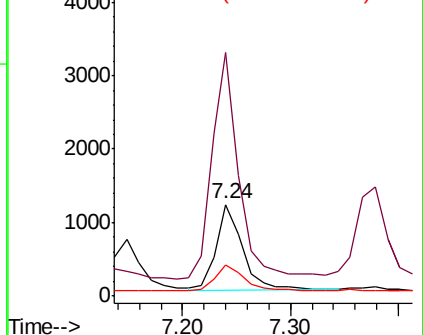
95 35.6 26.9 40.3

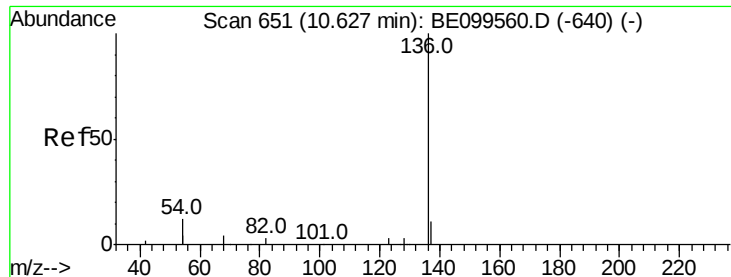


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

Tot Ion:136 Resp: 6664

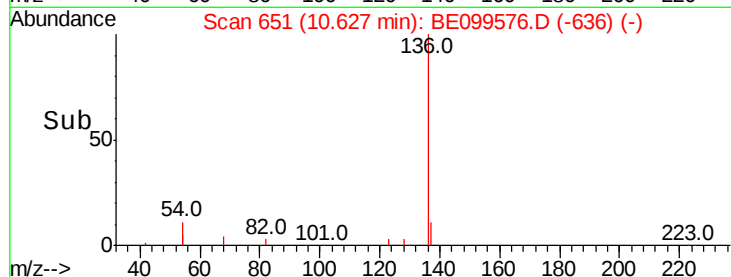
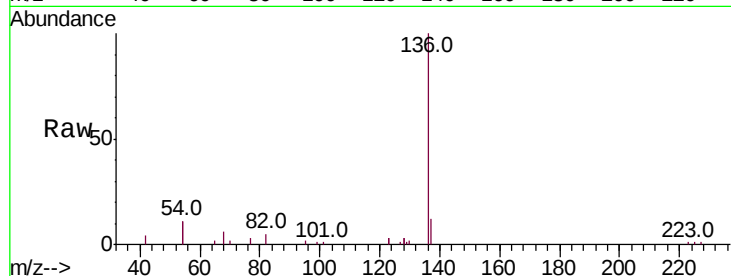
Ion Ratio Lower Upper

136 100

137 12.0 10.0 15.0

54 21.3 18.6 28.0

68 5.6 4.6 6.8

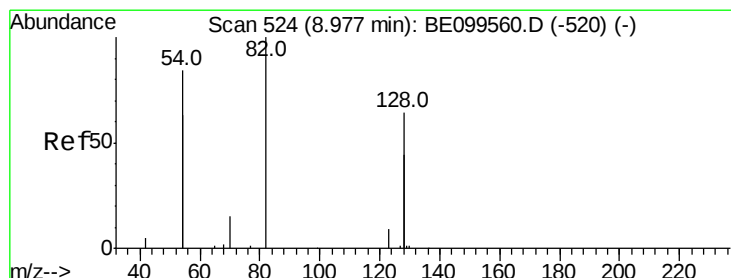
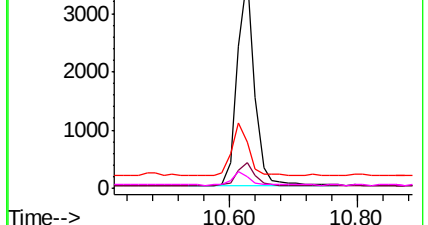


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.326 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

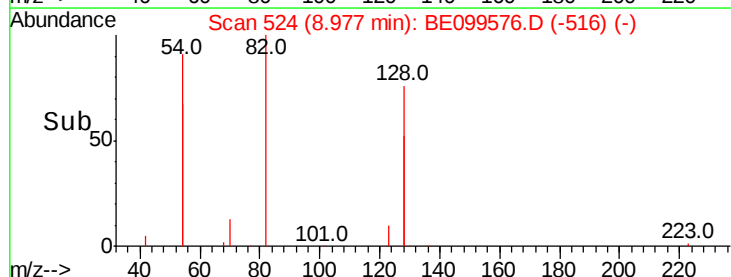
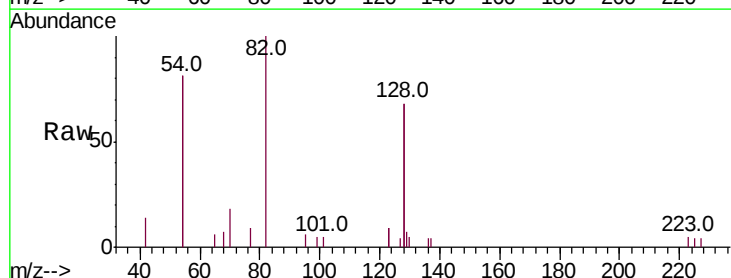
Tgt Ion: 82 Resp: 2095

Ion Ratio Lower Upper

82 100

128 135.4 97.6 146.4

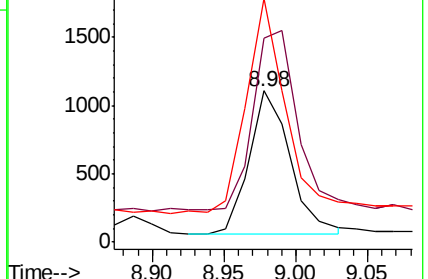
54 161.3 127.4 191.2

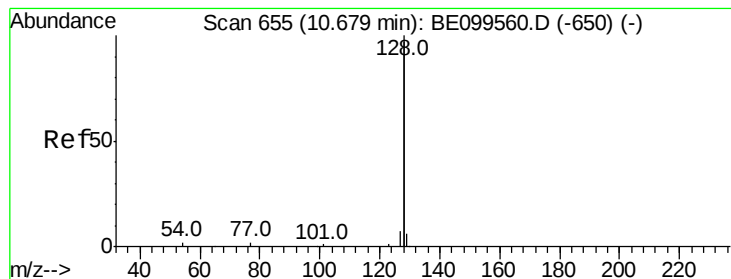


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.355 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

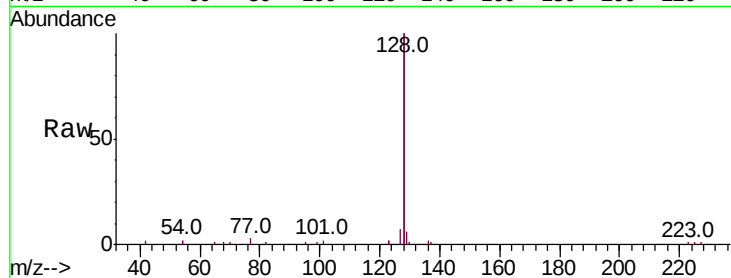
Tot Ion:128 Resp: 25083

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

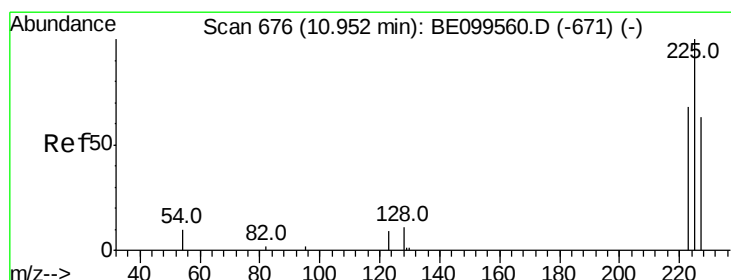
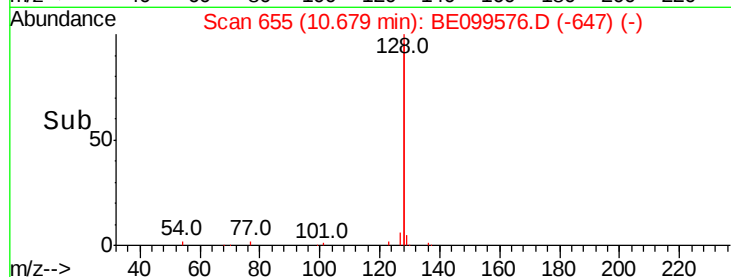
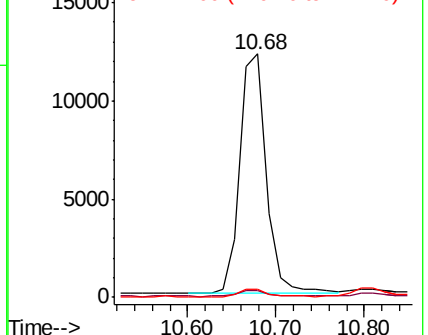
127 3.5 3.0 4.4



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: 0.335 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

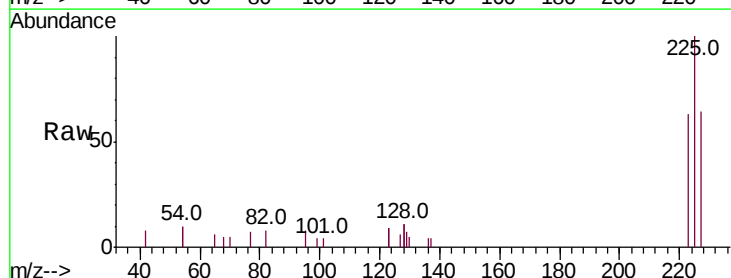
Tgt Ion:225 Resp: 1718

Ion Ratio Lower Upper

225 100

223 64.8 53.0 79.6

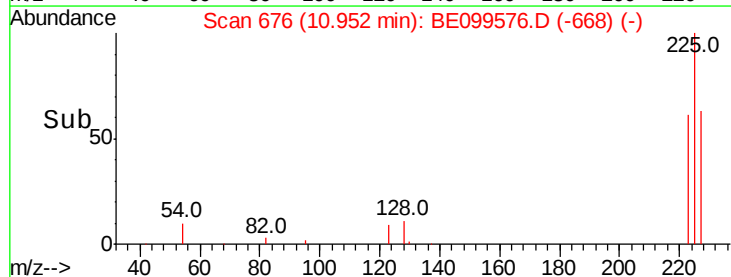
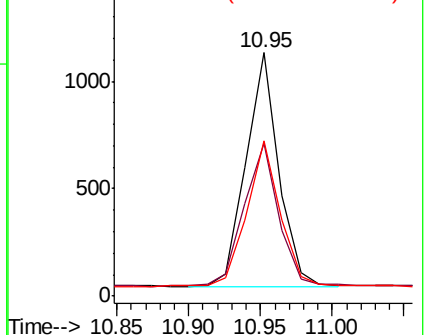
227 63.4 51.4 77.0

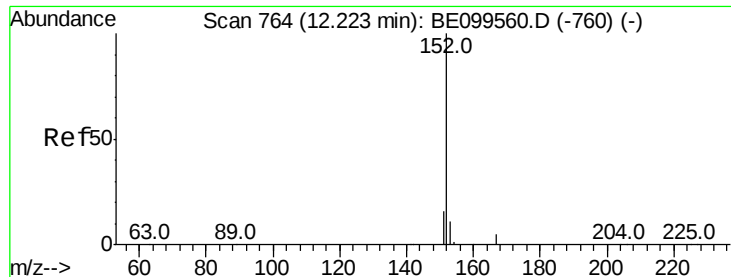


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

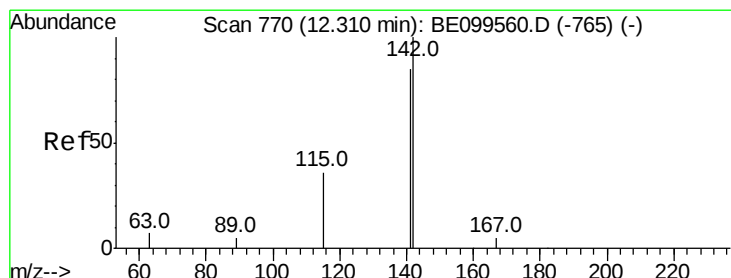
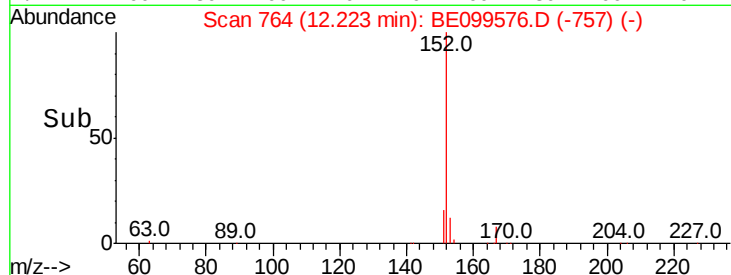
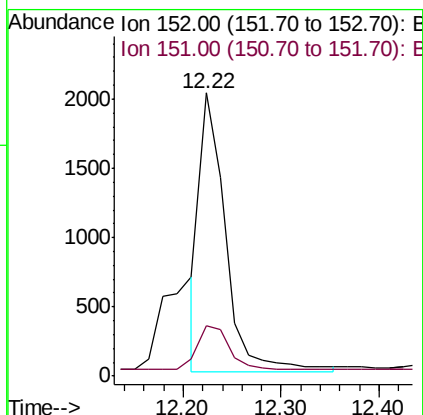
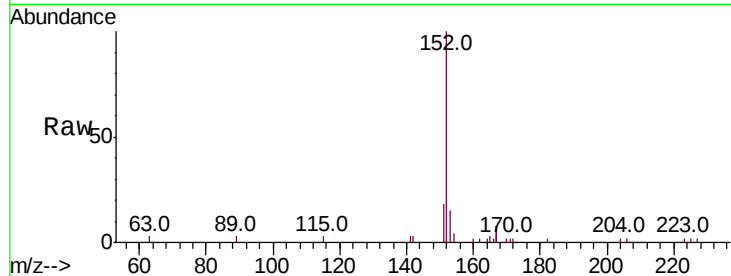




#11
 2-Methylnaphthalene-d10
 Concen: 0.315 ng/mL
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099576.D
 Acq: 8 May 2019 11:17

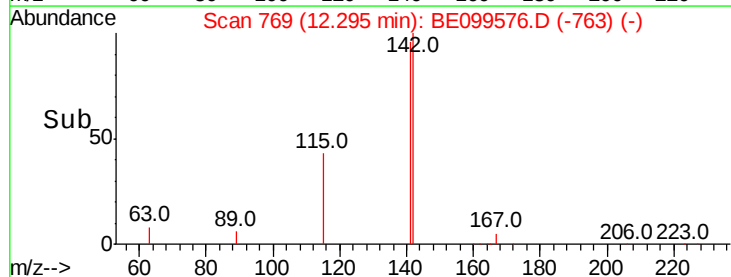
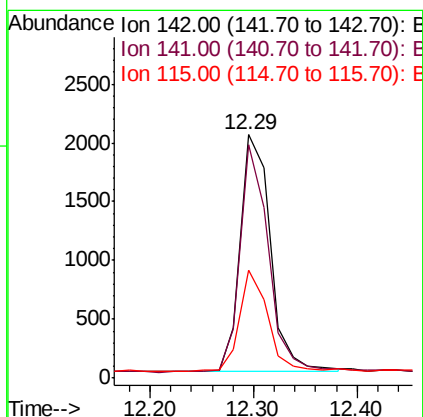
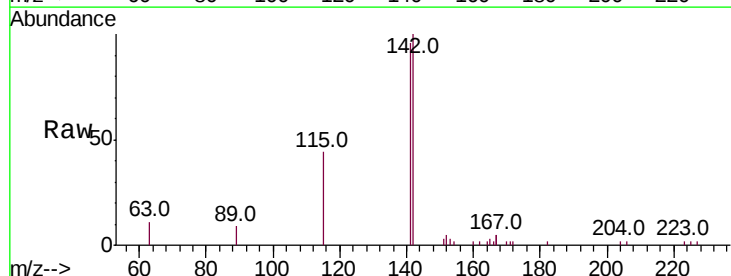
Instrument :
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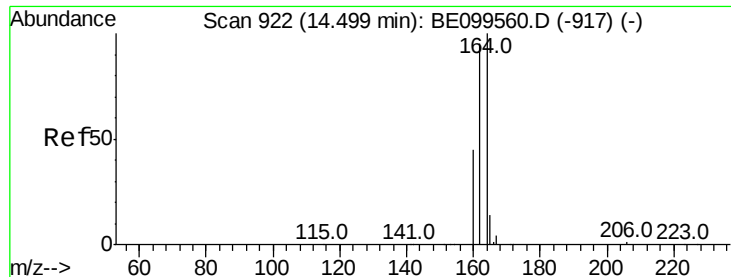
Tot Ion:152 Resp: 3659
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.343 ng/mL
 RT: 12.29 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BE099576.D
 Acq: 8 May 2019 11:17

Tgt Ion:142 Resp: 4103
 Ion Ratio Lower Upper
 142 100
 141 96.0 68.1 102.1
 115 44.3 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: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

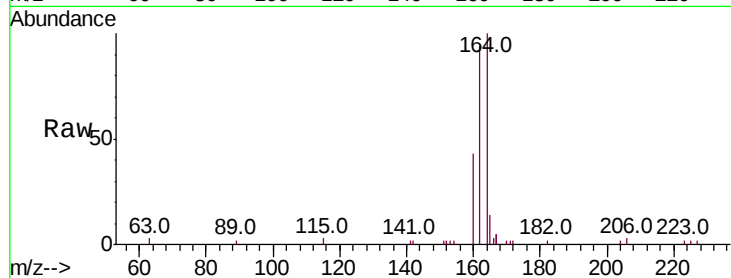
Tot Ion:164 Resp: 4214

Ion Ratio Lower Upper

164 100

162 93.7 76.4 114.6

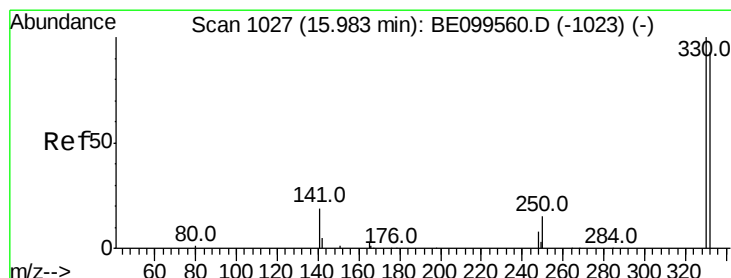
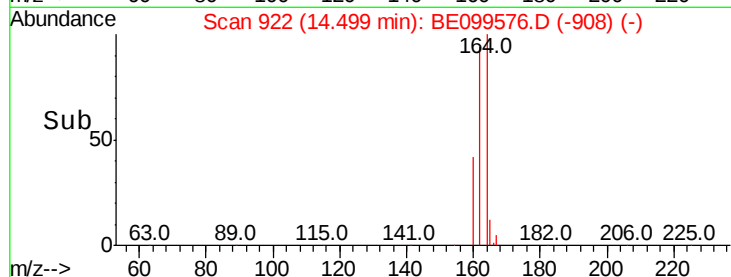
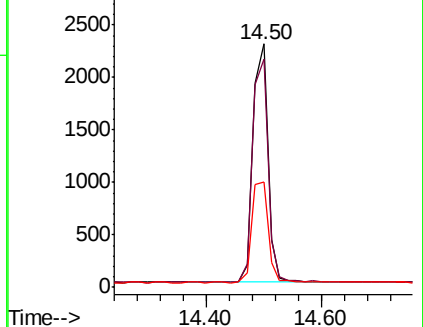
160 43.4 36.6 55.0



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: 0.254 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

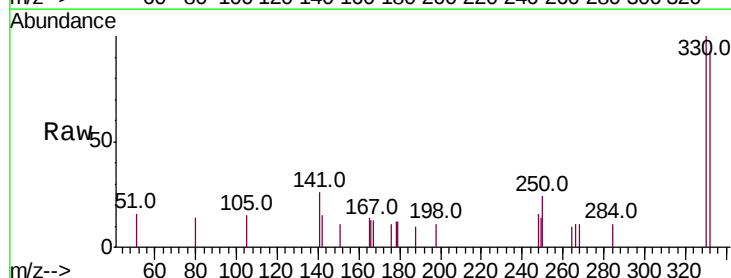
Tgt Ion:330 Resp: 713

Ion Ratio Lower Upper

330 100

332 92.1 77.7 116.5

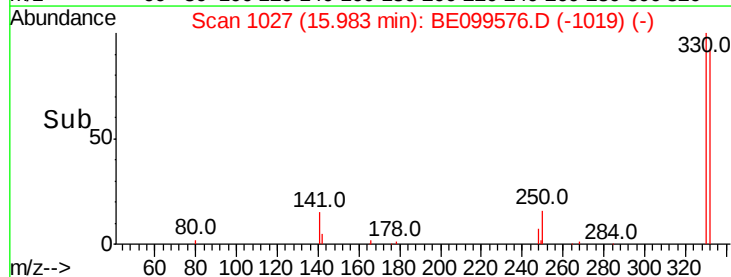
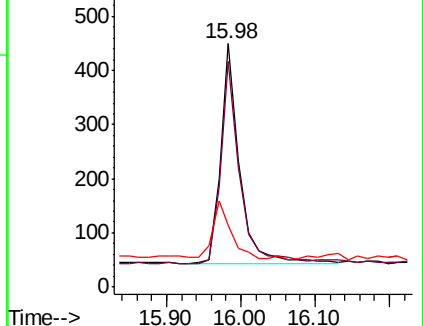
141 25.0 26.1 39.1#

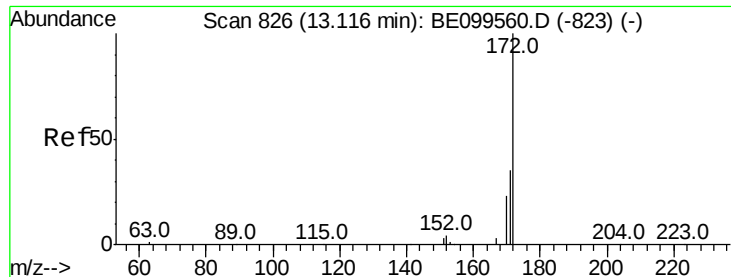


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

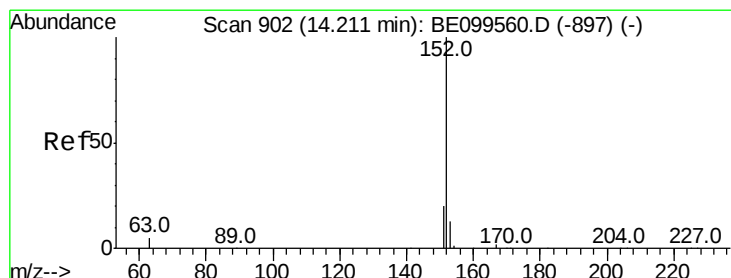
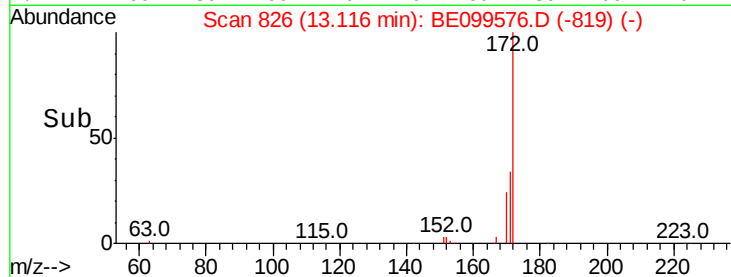
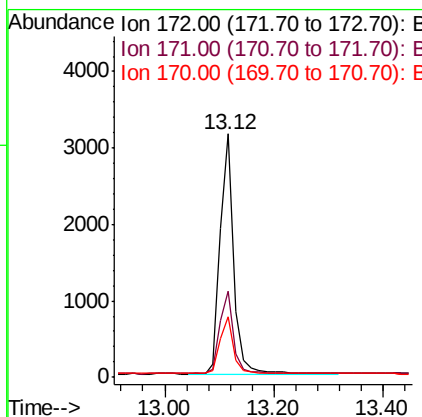
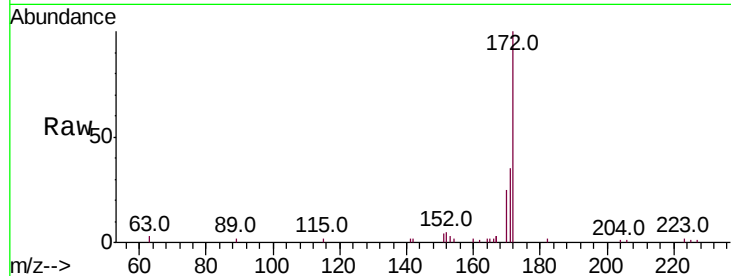




#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 13.12 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BE099576.D
 Acq: 8 May 2019 11:17

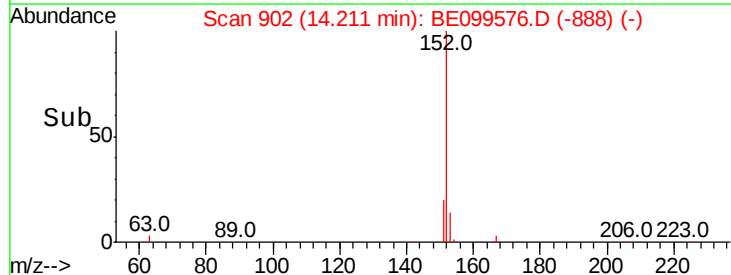
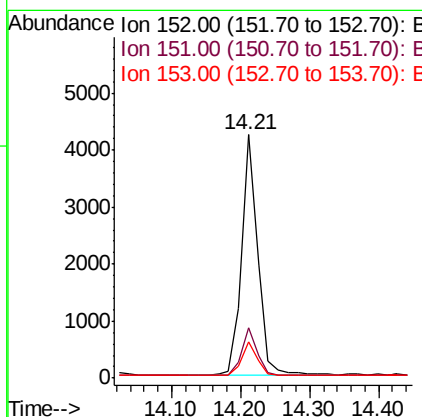
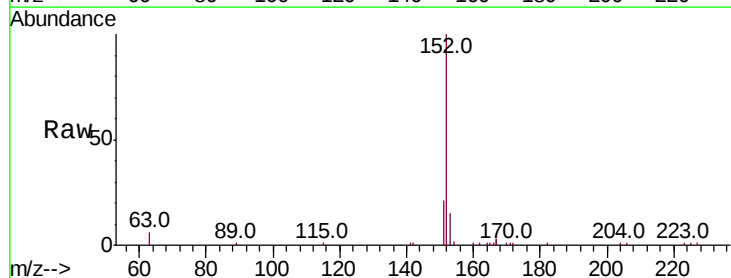
Instrument :
 BNA_E
 ClientSampleId :
 PB119274BS

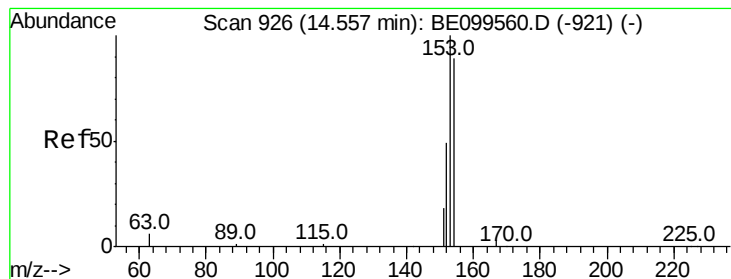
Tot Ion:172 Resp: 5603
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 25.0 18.8 28.2



#16
 Acenaphthylene
 Concen: 0.336 ng
 RT: 14.21 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BE099576.D
 Acq: 8 May 2019 11:17

Tgt Ion:152 Resp: 6828
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.8 23.8
 153 13.7 10.5 15.7





#17

Acenaphthene

Concen: 0.354 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

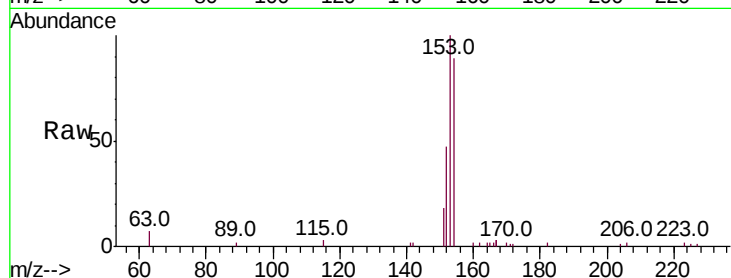
Tot Ion:154 Resp: 4027

Ion Ratio Lower Upper

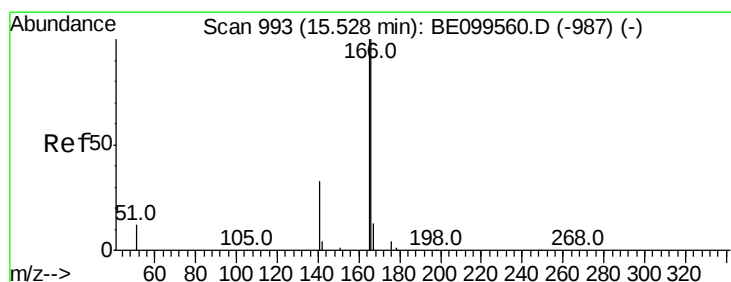
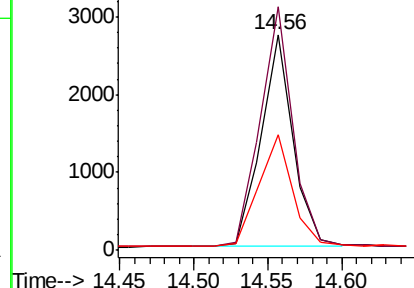
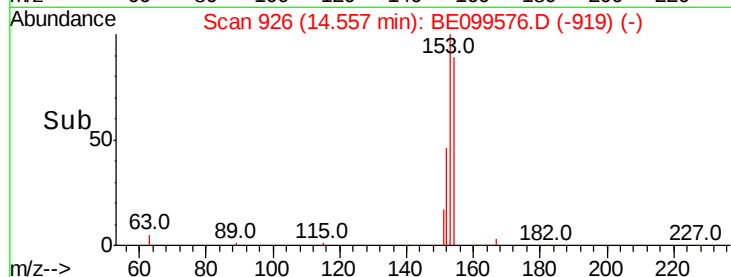
154 100

153 116.3 89.7 134.5

152 55.7 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: 0.342 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

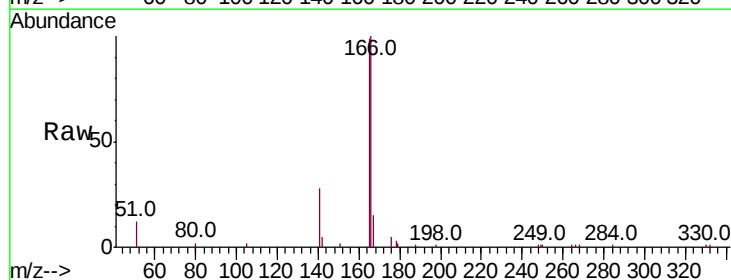
Tgt Ion:166 Resp: 5552

Ion Ratio Lower Upper

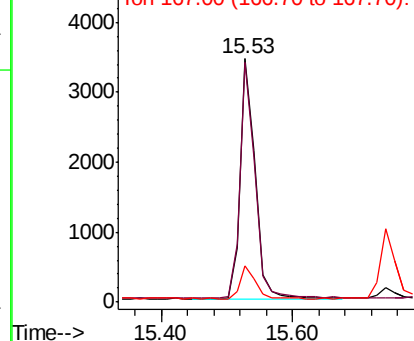
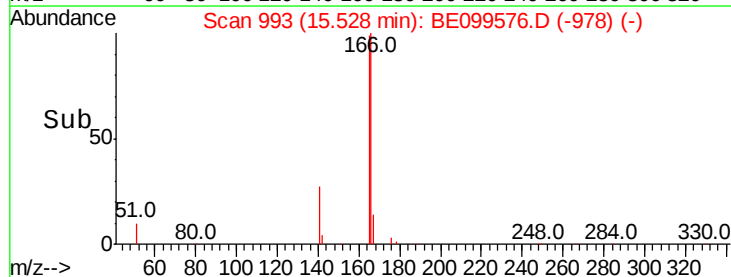
166 100

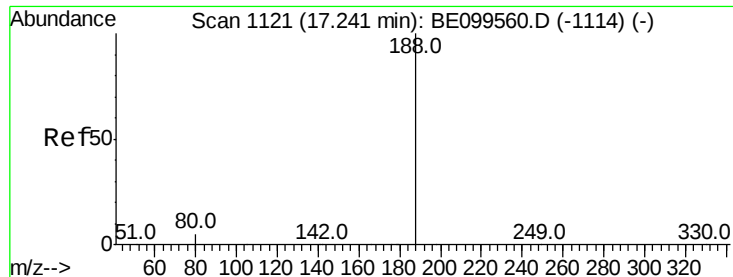
165 98.6 79.0 118.6

167 13.8 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

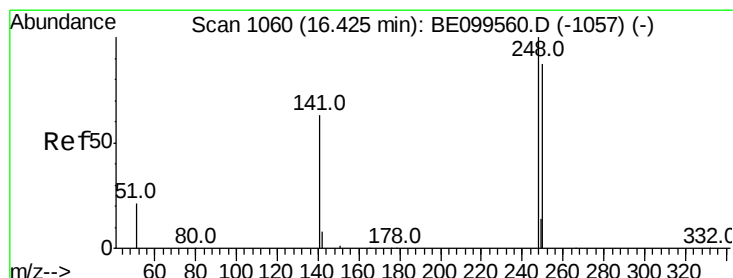
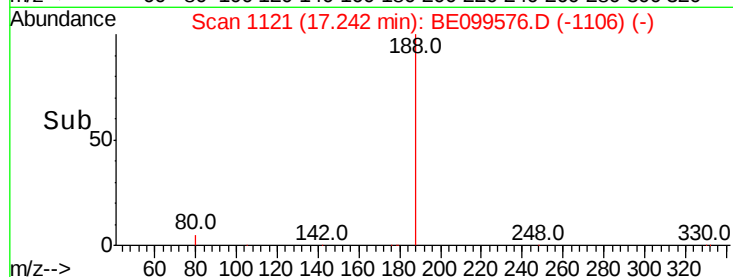
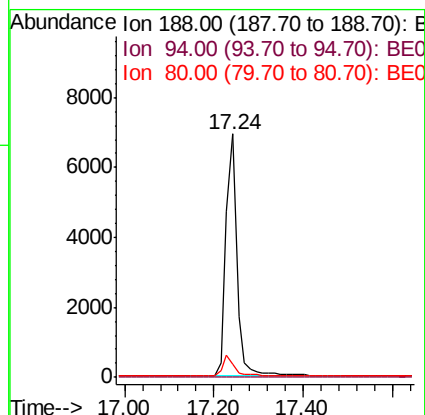
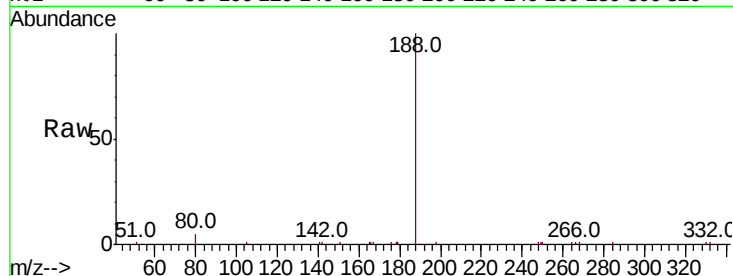




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

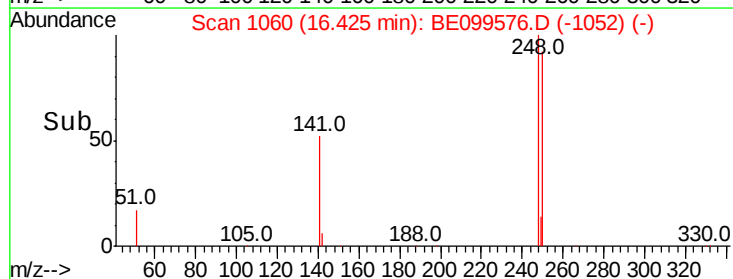
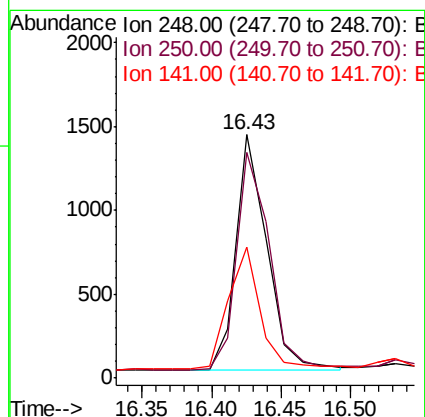
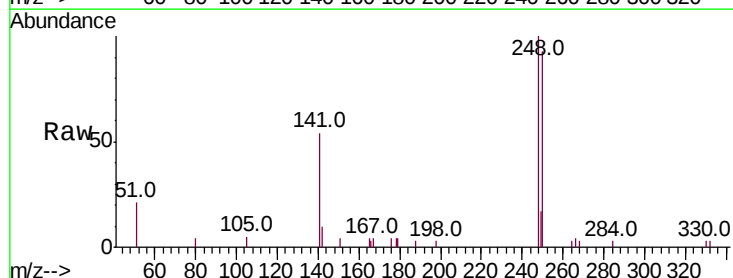
Instrument :
BNA_E
ClientSampleId :
PB119274BS

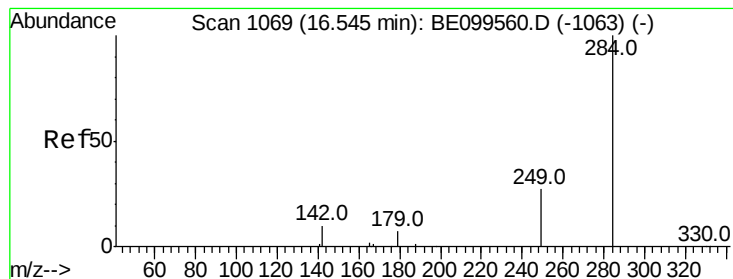
Tot Ion:188 Resp: 11880
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.4 4.6 7.0



#20
4-Bromophenyl-phenylether
Concen: 0.320 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:248 Resp: 2163
Ion Ratio Lower Upper
248 100
250 92.7 70.0 105.0
141 53.6 51.8 77.8





#21

Hexachlorobenzene

Concen: 0.343 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

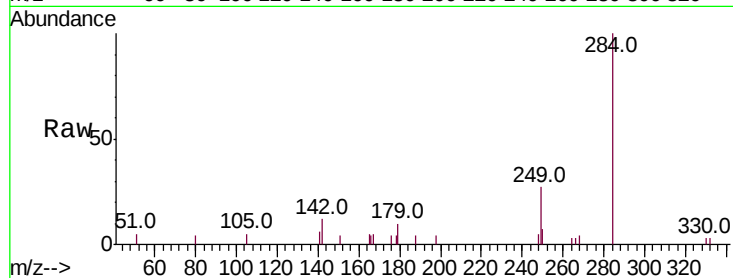
Tot Ion:284 Resp: 2306

Ion Ratio Lower Upper

284 100

142 24.6 19.5 29.3

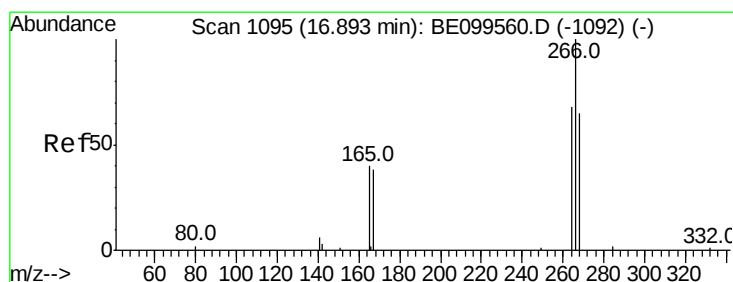
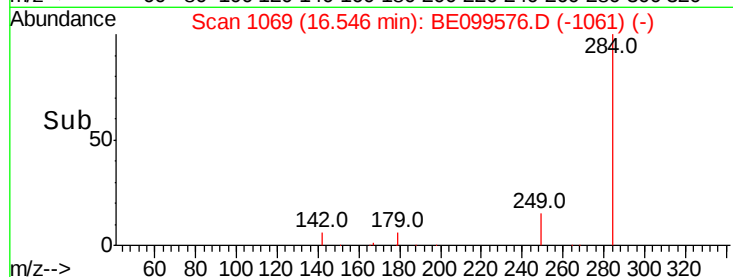
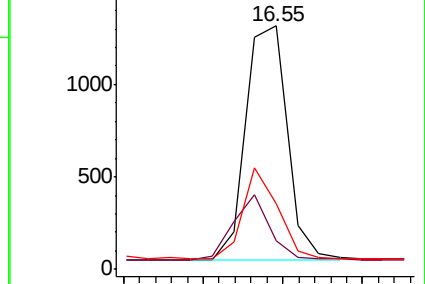
249 32.6 26.2 39.2



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: 0.396 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

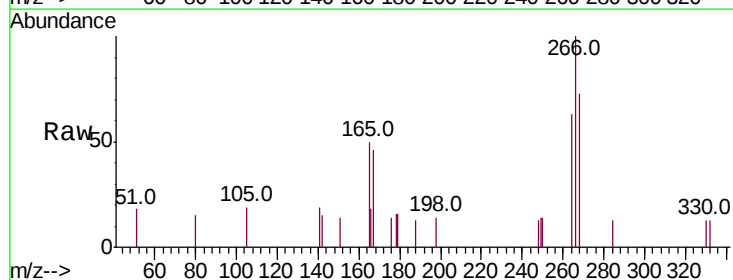
Tgt Ion:266 Resp: 1094

Ion Ratio Lower Upper

266 100

264 62.7 56.6 84.8

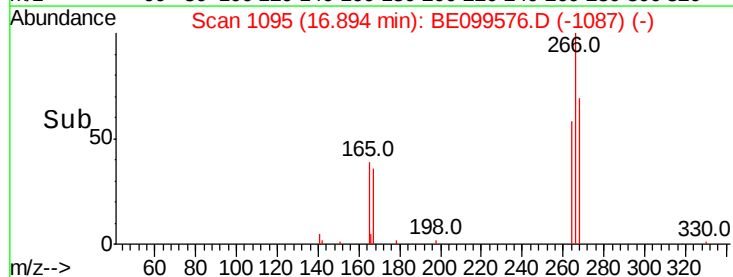
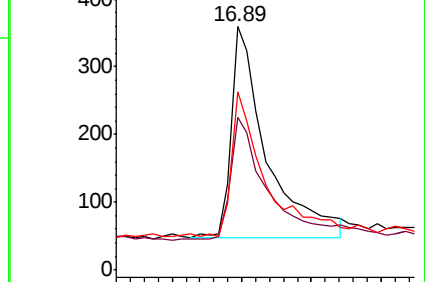
268 73.3 55.8 83.8

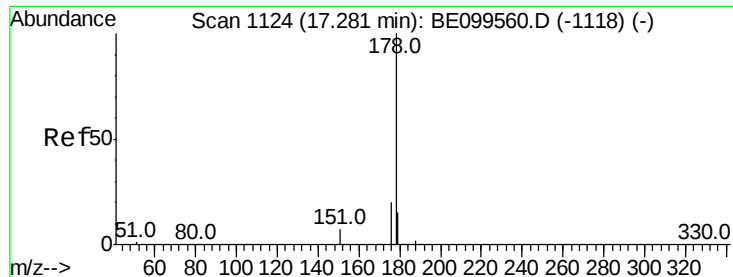


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.346 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

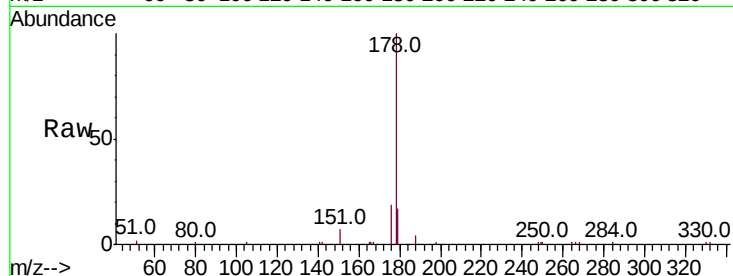
Tot Ion:178 Resp: 10129

Ion Ratio Lower Upper

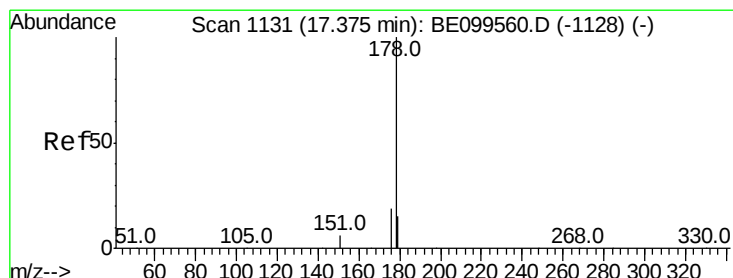
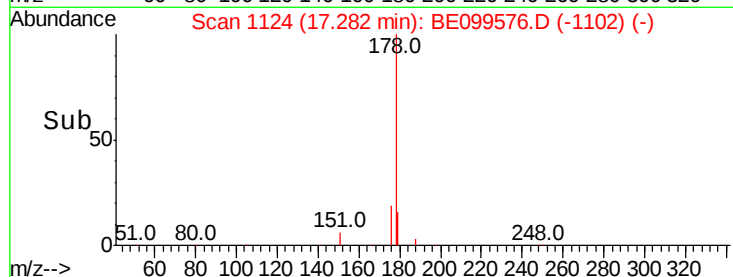
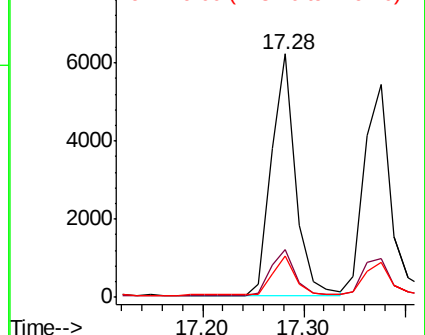
178 100

176 19.6 15.8 23.6

179 15.7 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: 0.336 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

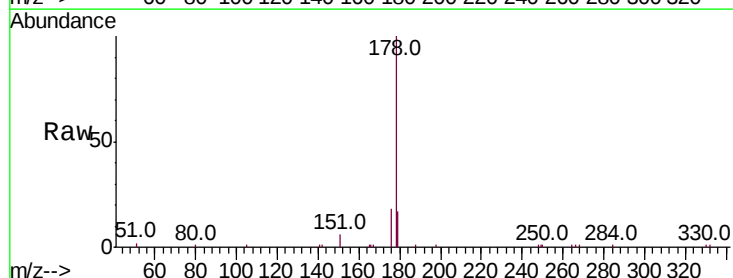
Tgt Ion:178 Resp: 9463

Ion Ratio Lower Upper

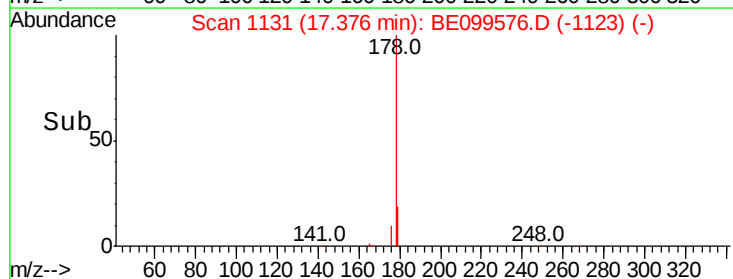
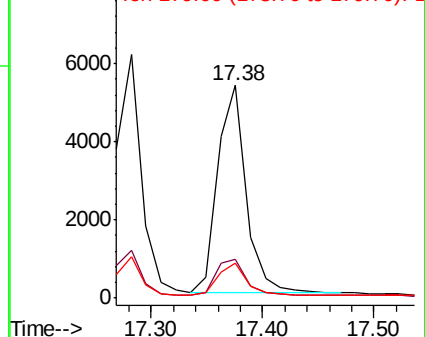
178 100

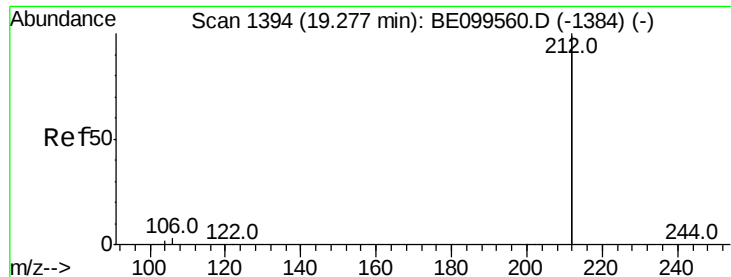
176 18.8 15.3 22.9

179 15.7 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: 0.332 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

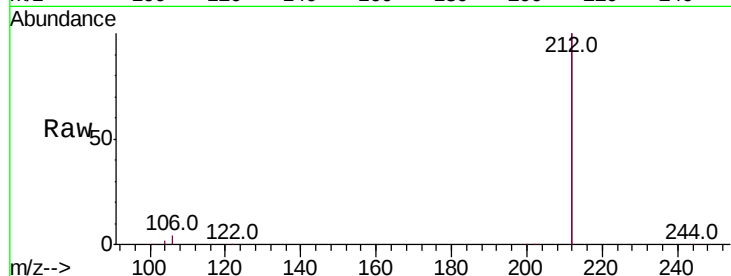
Tot Ion:212 Resp: 53159

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

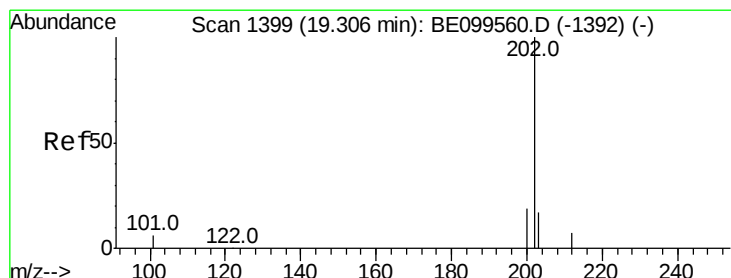
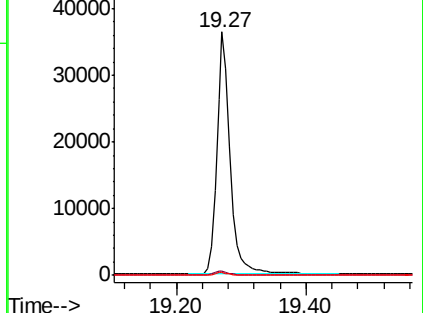
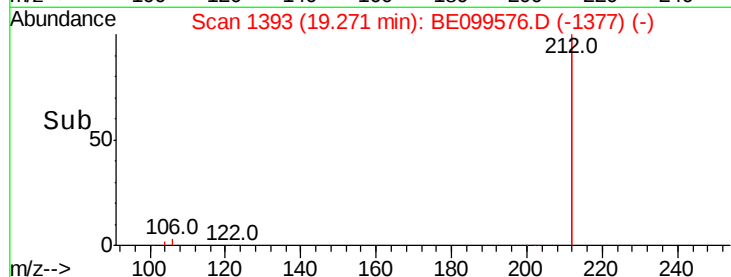
104 1.0 0.8 1.2



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: 0.347 ng

RT: 19.30 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

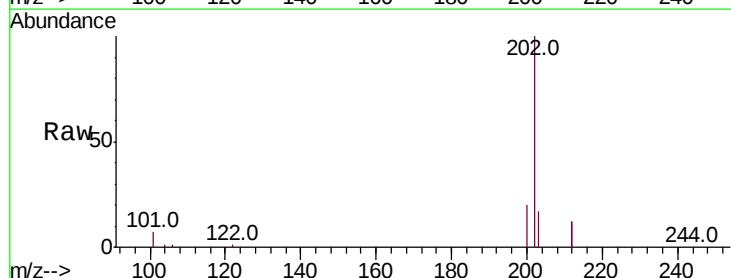
Tgt Ion:202 Resp: 15648

Ion Ratio Lower Upper

202 100

101 6.5 5.3 7.9

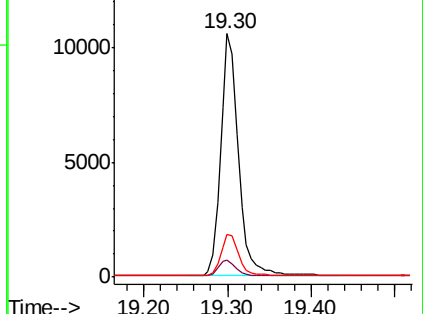
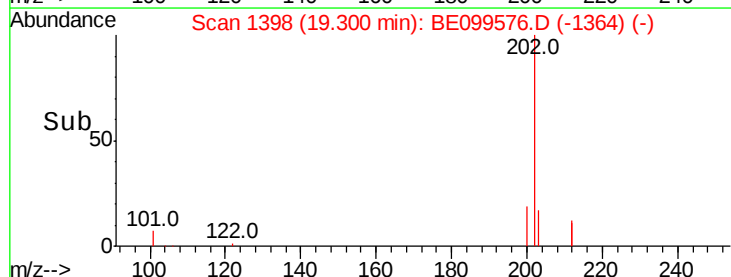
203 17.2 13.4 20.2

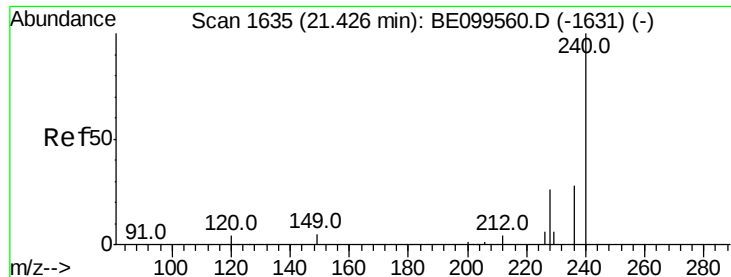


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

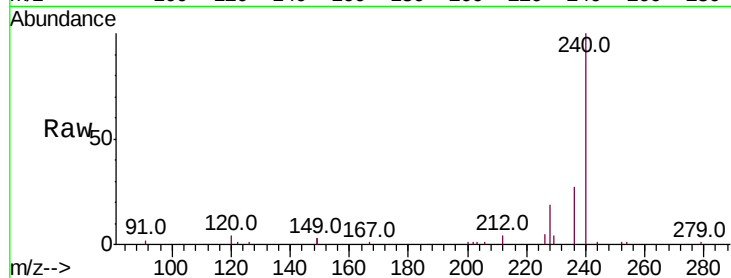
Tot Ion:240 Resp: 17089

Ion Ratio Lower Upper

240 100

120 3.9 3.8 5.6

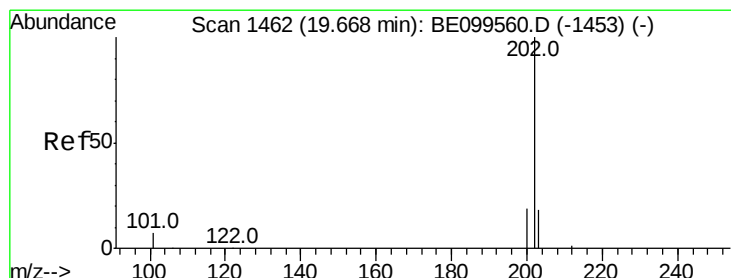
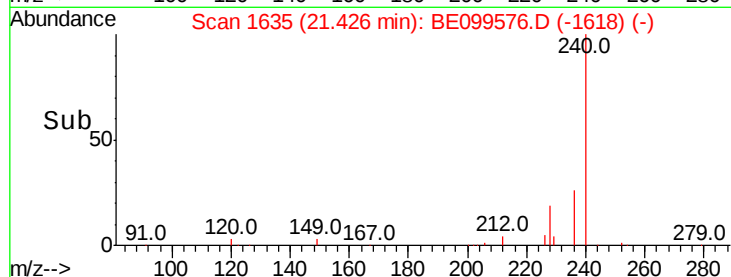
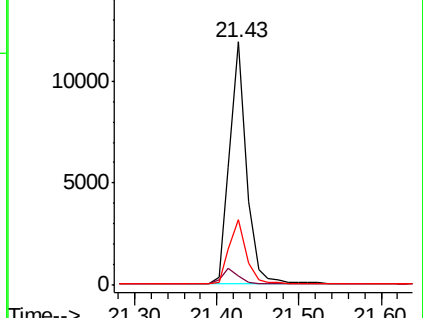
236 26.8 22.5 33.7



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: 0.361 ng

RT: 19.67 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

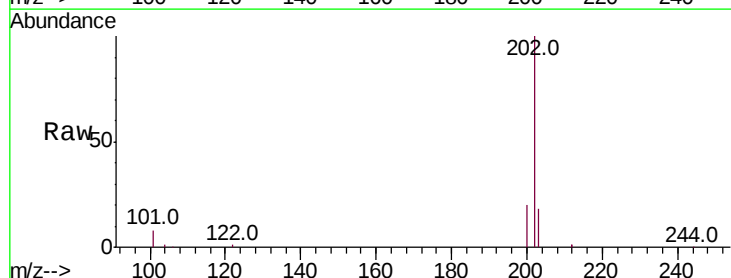
Tgt Ion:202 Resp: 16511

Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.6

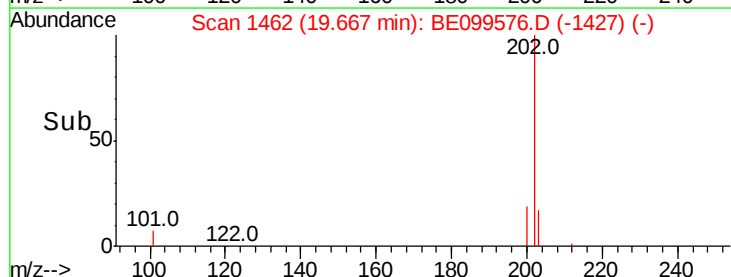
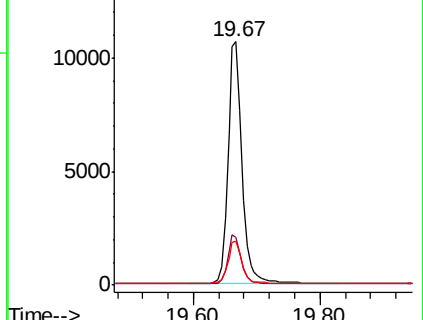
203 17.8 14.1 21.1

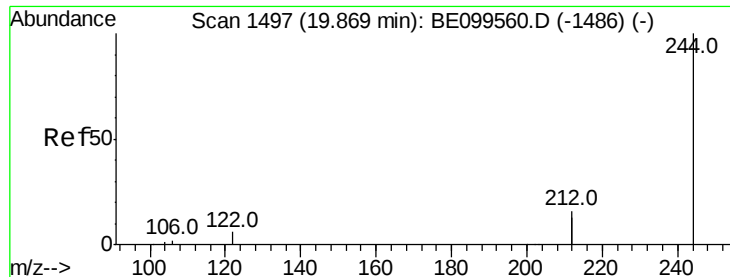


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.360 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

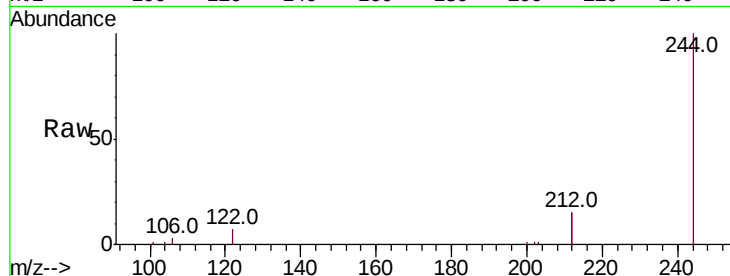
Tot Ion:244 Resp: 11414

Ion Ratio Lower Upper

244 100

212 30.7 24.6 37.0

122 6.5 5.0 7.6

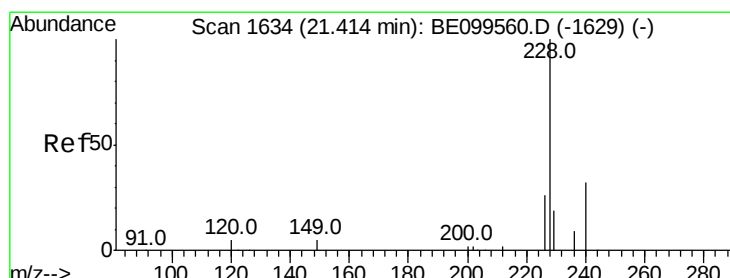
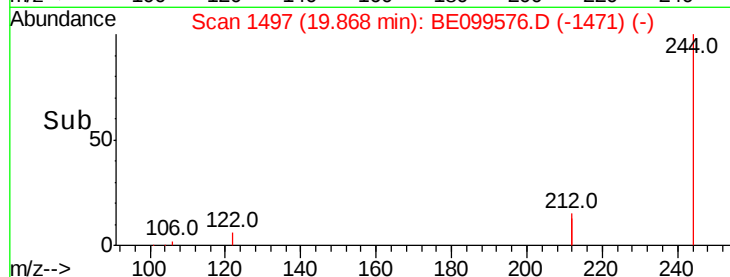
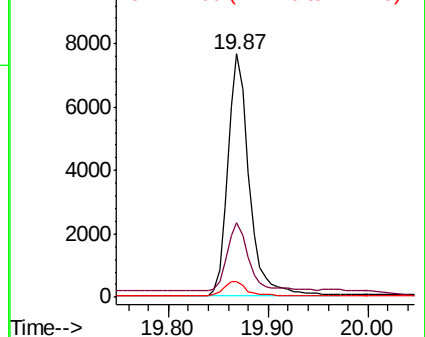


Abundance

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: 0.391 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

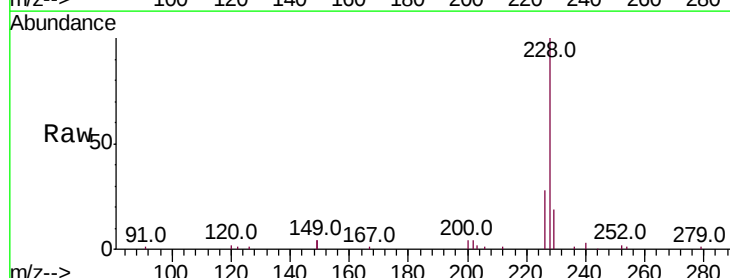
Tgt Ion:228 Resp: 20726

Ion Ratio Lower Upper

228 100

226 28.2 20.9 31.3

229 19.3 16.1 24.1

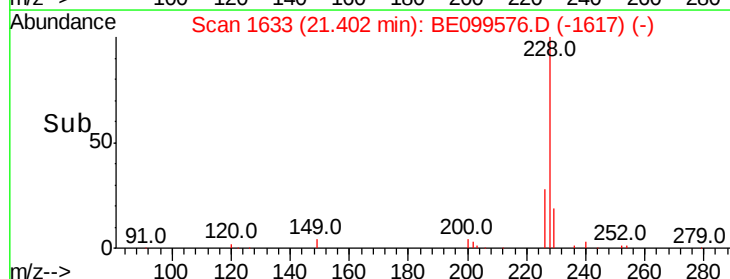
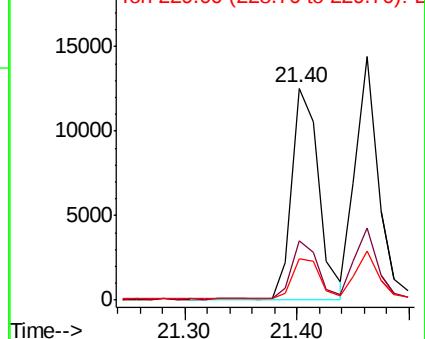


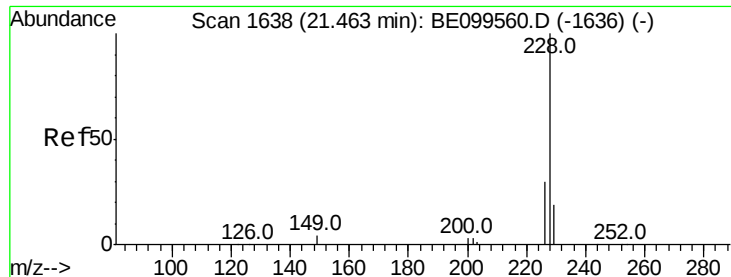
Abundance

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: 0.387 ng

RT: 21.46 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

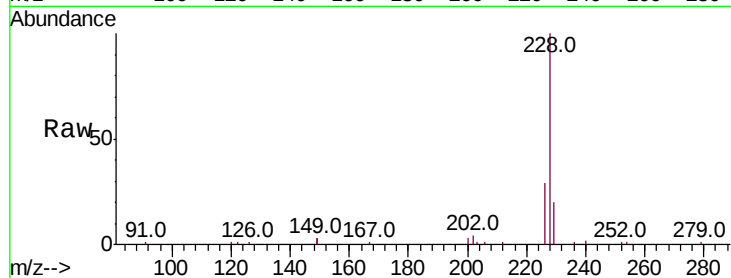
BNA_E

ClientSampleId :

PB119274BS

Tot Ion:228 Resp: 20203

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	20.1	15.8	23.6

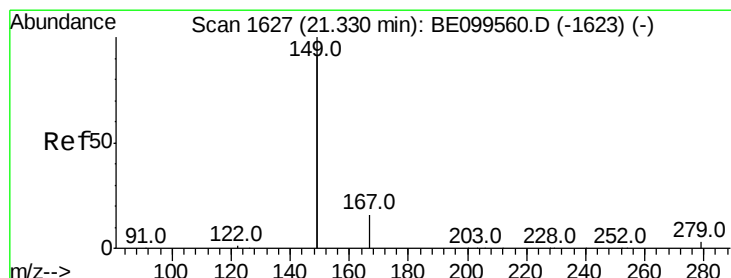
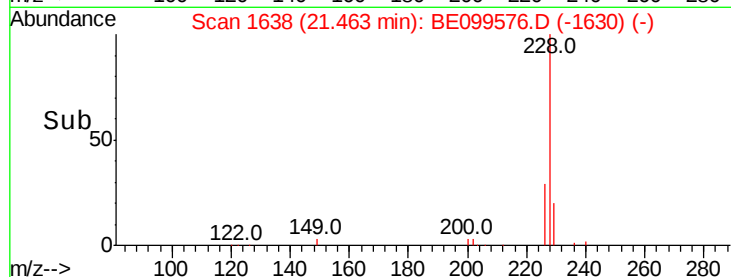
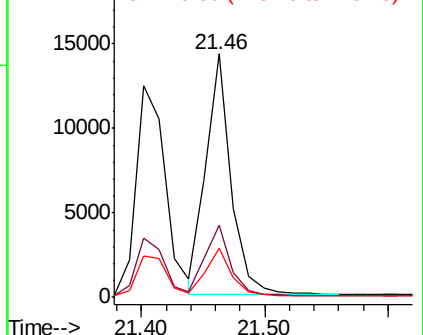


Abundance

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: 0.349 ng

RT: 21.32 min Scan# 1626

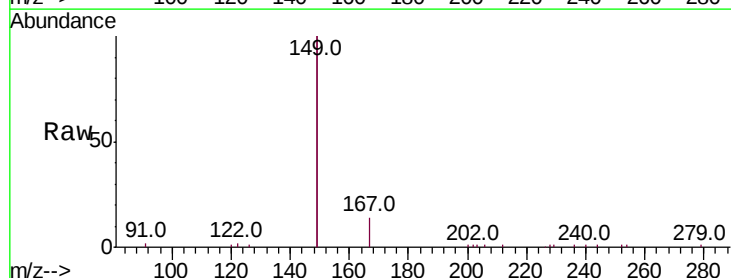
Delta R.T. -0.01 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Tgt Ion:149 Resp: 29266

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.1	9.1
279	1.4	1.3	1.9

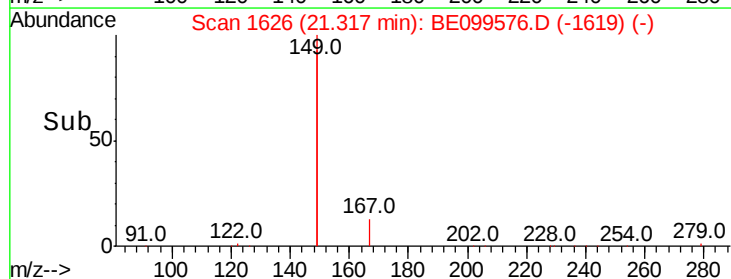
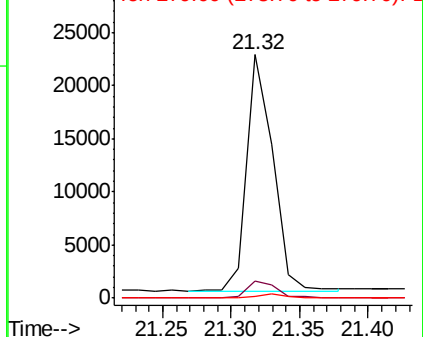


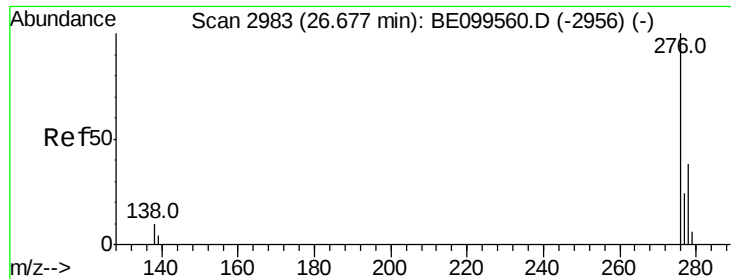
Abundance

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

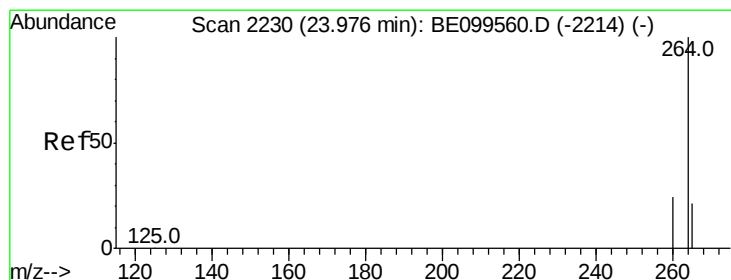
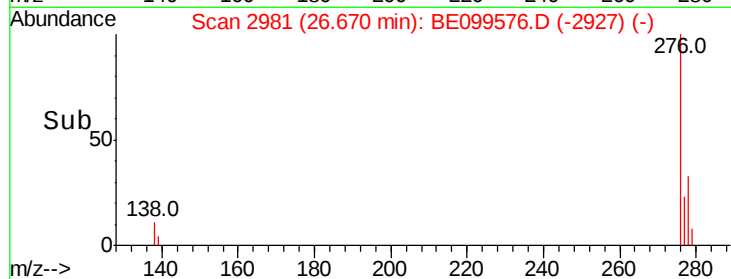
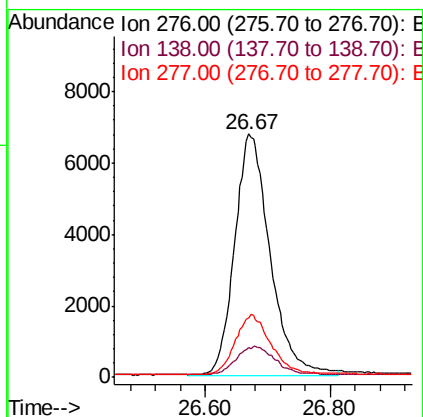
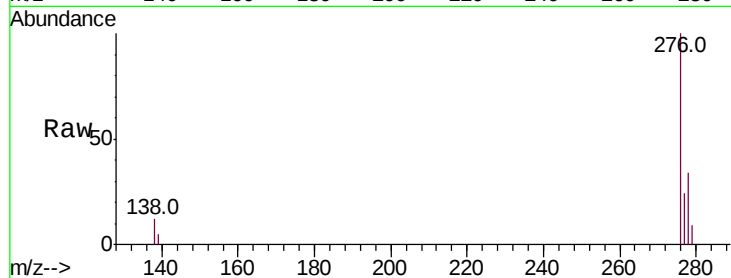




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.428 ng
 RT: 26.67 min Scan# 2981
 Delta R.T. -0.01 min
 Lab File: BE099576.D
 Acq: 8 May 2019 11:17

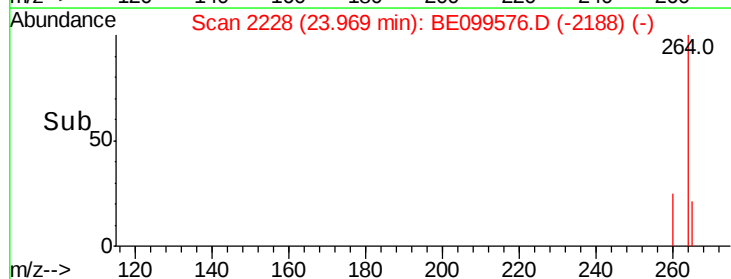
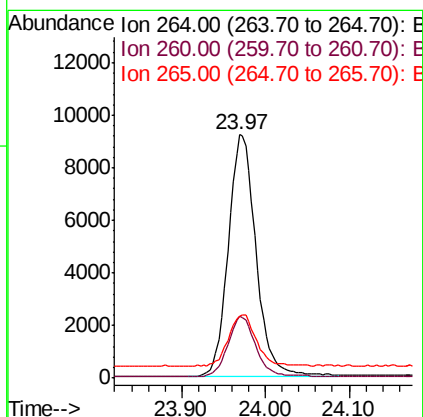
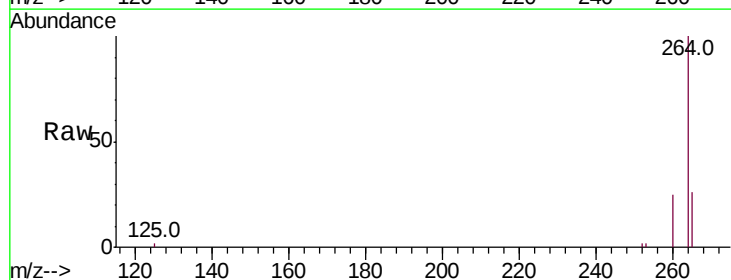
Instrument :
 BNA_E
 ClientSampleId :
 PB119274BS

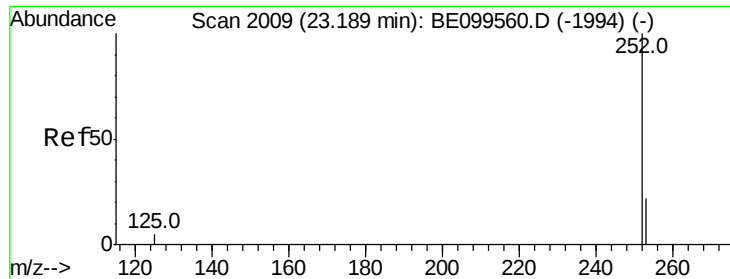
Tot Ion:276 Resp: 26551
 Ion Ratio Lower Upper
 276 100
 138 12.8 9.5 14.3
 277 24.8 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.97 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BE099576.D
 Acq: 8 May 2019 11:17

Tgt Ion:264 Resp: 21083
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.9 29.9
 265 25.6 22.2 33.2





#35

Benzo(b)fluoranthene

Concen: 0.361 ng/mL

RT: 23.18 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

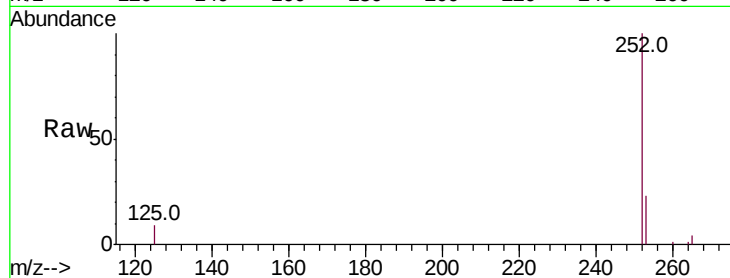
Tot Ion:252 Resp: 21014

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.4

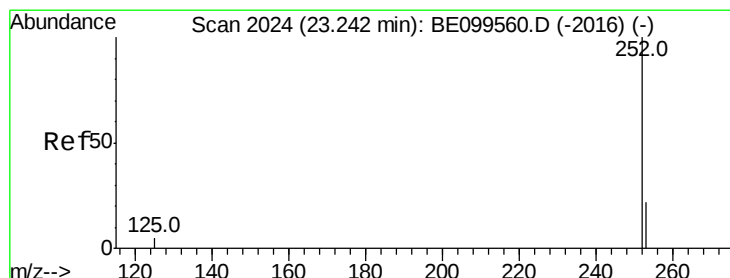
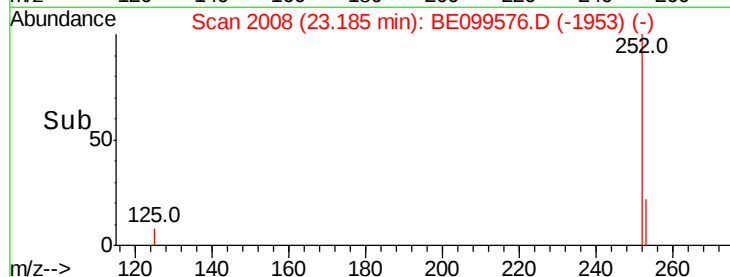
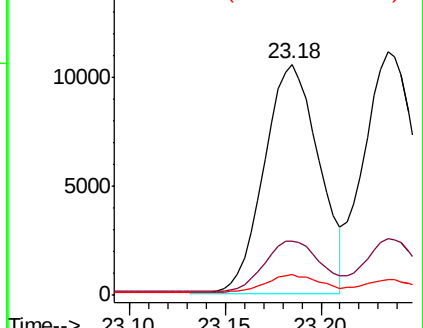
125 8.8 5.8 8.6#



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: 0.386 ng/mL

RT: 23.23 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

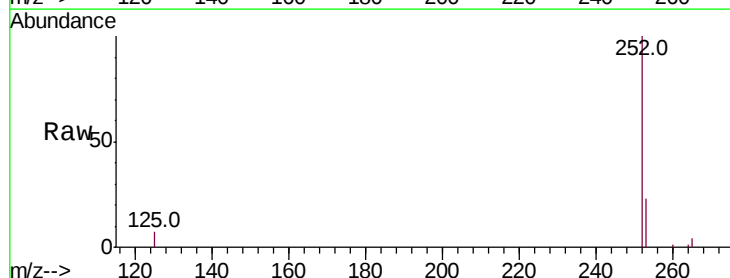
Tgt Ion:252 Resp: 22073

Ion Ratio Lower Upper

252 100

253 23.3 19.1 28.7

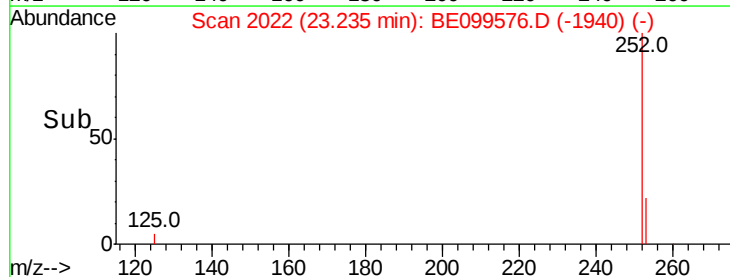
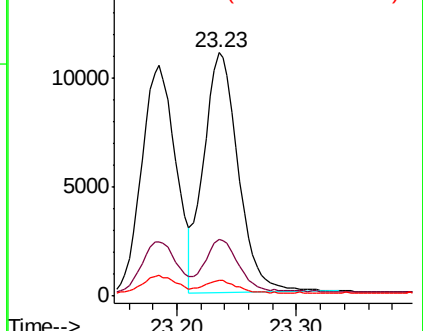
125 6.6 5.8 8.6

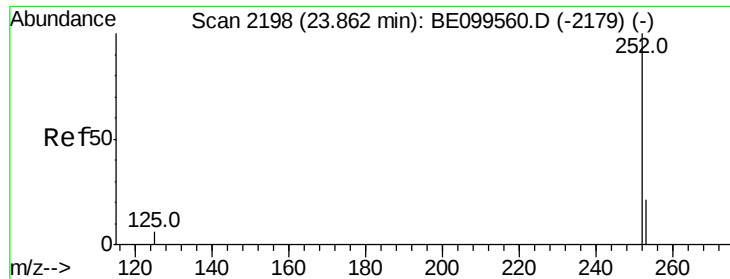


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

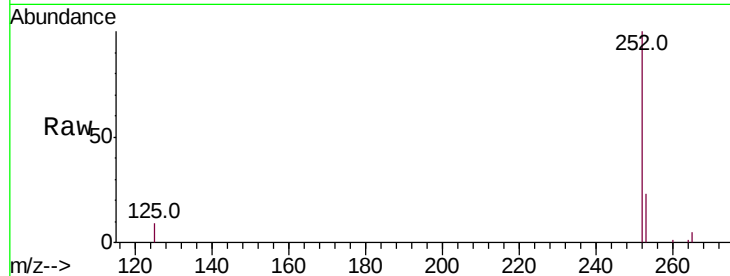




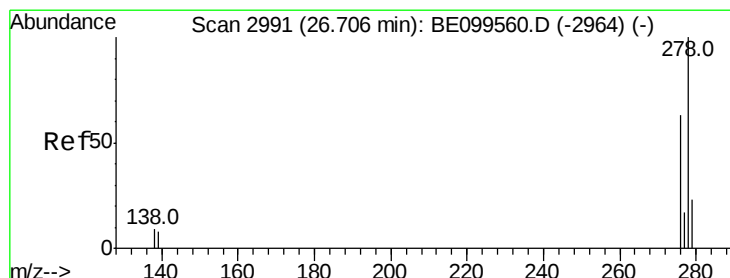
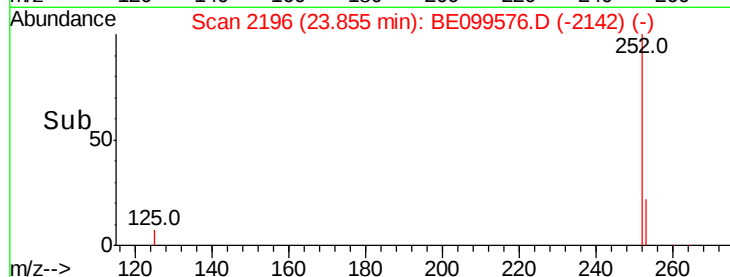
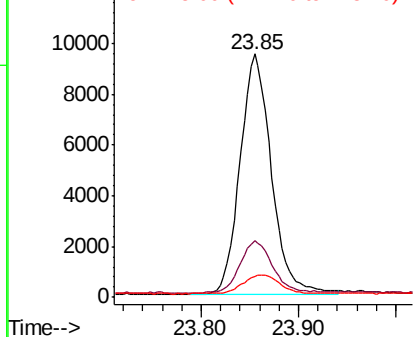
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.85 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :
PB119274BS

Tot Ion:252 Resp: 21283
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 8.6 6.6 9.8

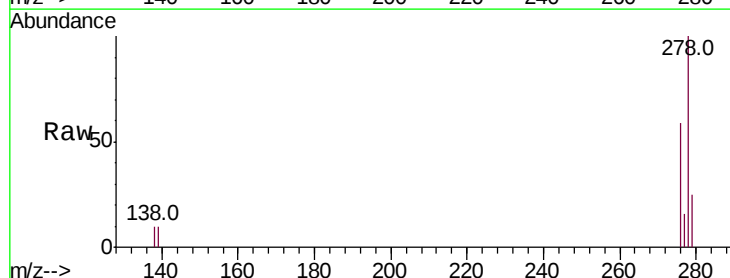


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

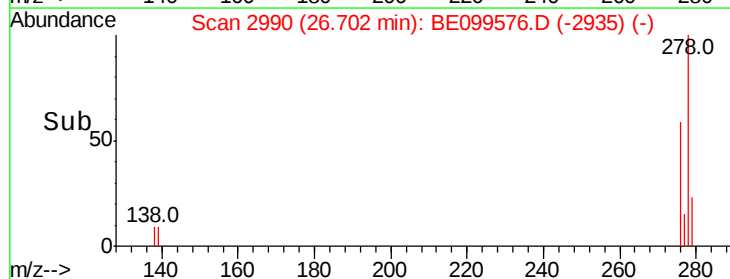
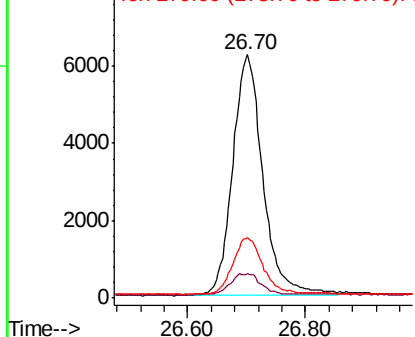


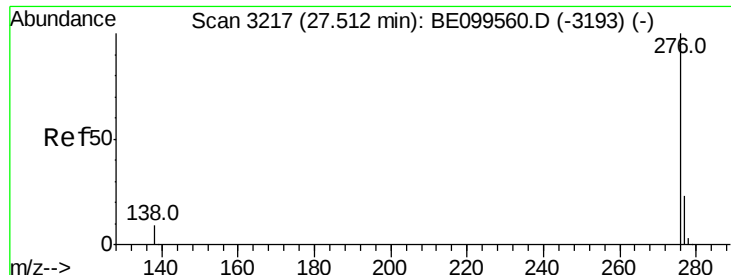
#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.70 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:278 Resp: 22300
Ion Ratio Lower Upper
278 100
139 9.9 7.7 11.5
279 24.7 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: 0.390 ng

RT: 27.51 min Scan# 3216

Delta R.T. -0.00 min

Lab File: BE099576.D

Acq: 8 May 2019 11:17

Instrument :

BNA_E

ClientSampleId :

PB119274BS

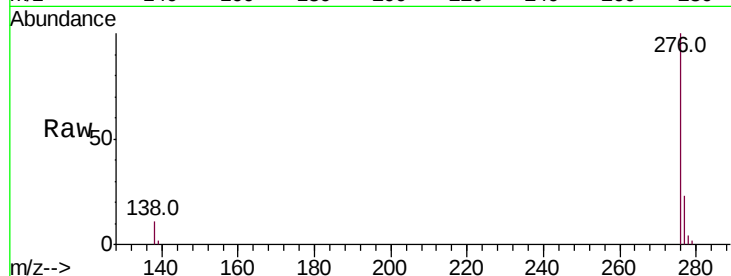
Tot Ion:276 Resp: 22658

Ion Ratio Lower Upper

276 100

277 23.3 19.7 29.5

138 11.5 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

