

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099621.D
 Acq On : 16 May 2019 13:16
 Operator : JU/SJ
 Sample : PB119274BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119274BS

Quant Time: May 17 07:01:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1909	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6471	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	4133	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12493	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17014	0.40	ng	0.01
34) Perylene-d12	23.97	264	20008	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1667	0.31	ng	0.00
5) Phenol-d6	6.98	99	2247	0.33	ng	0.00
8) Nitrobenzene-d5	8.98	82	1905	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4616	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	683	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	5459	0.34	ng	0.02
25) Fluoranthene-d10	19.27	212	56807	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	11906	0.39	ng	0.00

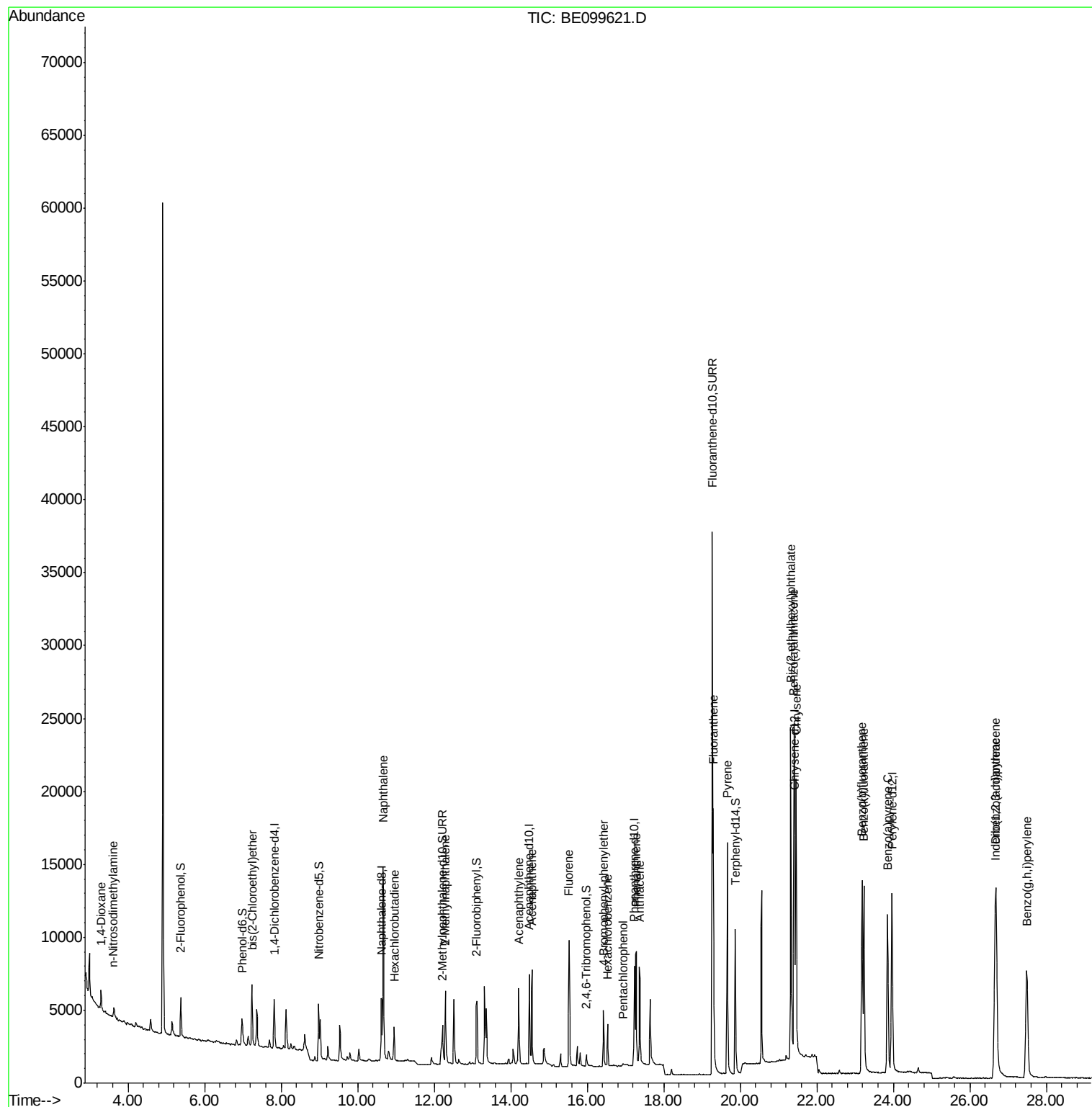
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	956	0.340	ng	# 25
3) n-Nitrosodimethylamine	3.62	42	603	0.336	ng	# 91
6) bis(2-Chloroethyl)ether	7.24	93	1967	0.340	ng	96
9) Naphthalene	10.67	128	23998	0.349	ng	99
10) Hexachlorobutadiene	10.95	225	1726	0.343	ng	100
12) 2-Methylnaphthalene	12.30	142	3863	0.340	ng	96
16) Acenaphthylene	14.21	152	6437	0.330	ng	99
17) Acenaphthene	14.56	154	3686	0.335	ng	98
18) Fluorene	15.53	166	5478	0.347	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	2369	0.329	ng	# 93
21) Hexachlorobenzene	16.53	284	2416	0.341	ng	97
22) Pentachlorophenol	16.93	266	263	0.339	ng	90
23) Phenanthrene	17.28	178	10577	0.341	ng	100
24) Anthracene	17.36	178	9073	0.317	ng	99
26) Fluoranthene	19.30	202	16802	0.358	ng	99
28) Pyrene	19.66	202	17120	0.395	ng	99
30) Benzo(a)anthracene	21.40	228	20476	0.398	ng	100
31) Chrysene	21.46	228	19119	0.361	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	25226	0.318	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	25119	0.381	ng	99
35) Benzo(b)fluoranthene	23.18	252	19697	0.352	ng	97
36) Benzo(k)fluoranthene	23.23	252	21813	0.395	ng	98
37) Benzo(a)pyrene	23.85	252	20092	0.371	ng	# 95
38) Dibenzo(a,h)anthracene	26.69	278	20852	0.371	ng	100
39) Benzo(g,h,i)perylene	27.49	276	21503	0.381	ng	99

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

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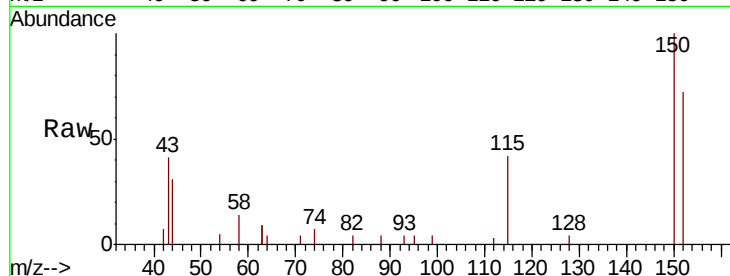


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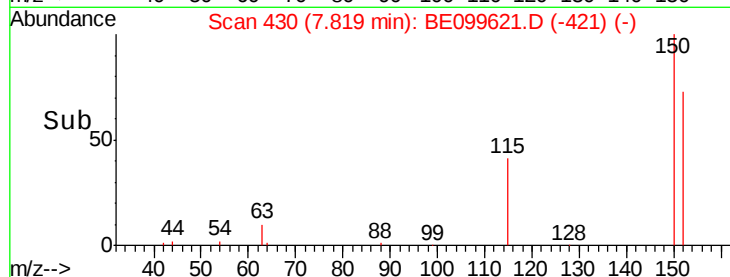
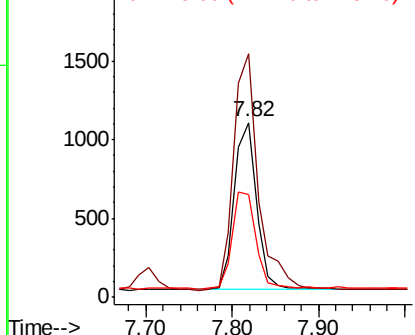
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

Instrument :
BNA_E
ClientSampleId :
PB119274BS

Tgt Ion: 152 Resp: 1909
Ion Ratio Lower Upper
152 100
150 139.2 110.1 165.1
115 58.9 46.2 69.4



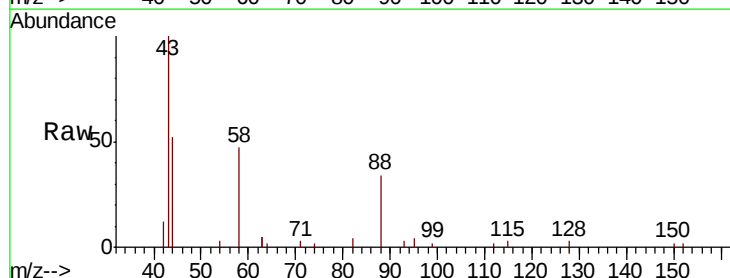
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



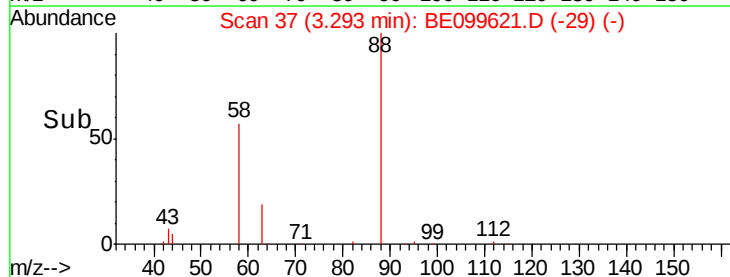
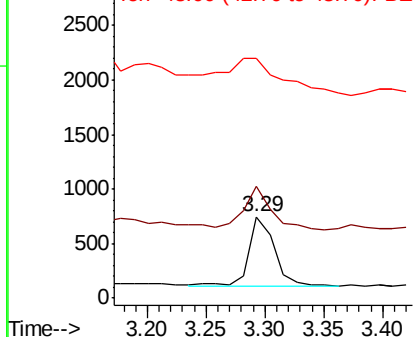
#2

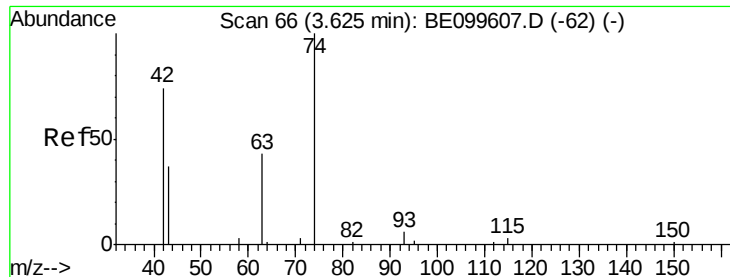
1,4-Dioxane
Concen: 0.340 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

Tgt Ion: 88 Resp: 956
Ion Ratio Lower Upper
88 100
58 69.6 39.8 59.6#
43 110.0 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: 0.336 ng

RT: 3.62 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

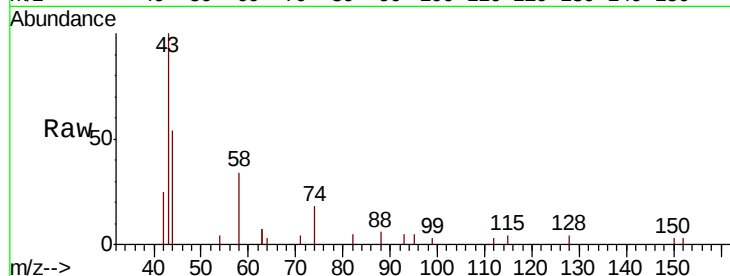
Tgt Ion: 42 Resp: 603

Ion Ratio Lower Upper

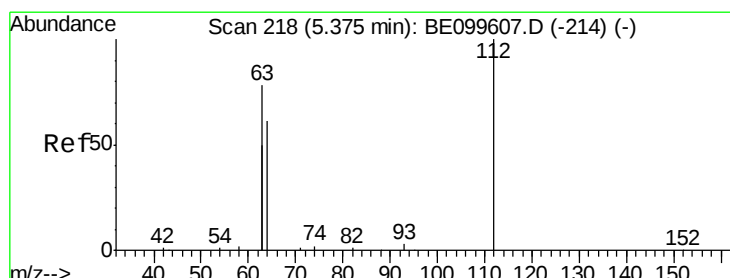
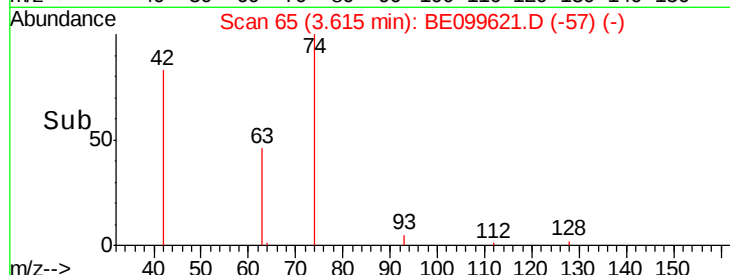
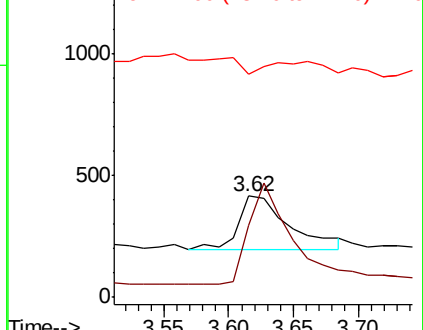
42 100

74 159.2 134.7 202.1

44 0.0 12.5 18.7#



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: 0.308 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

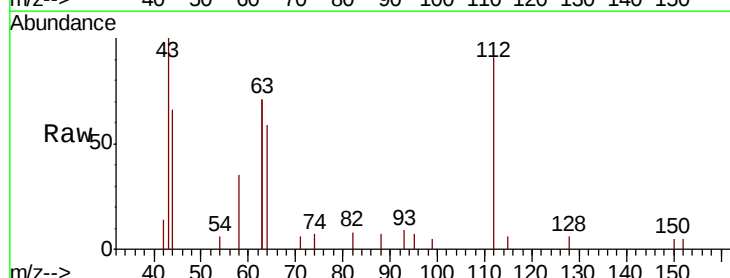
Tgt Ion: 112 Resp: 1667

Ion Ratio Lower Upper

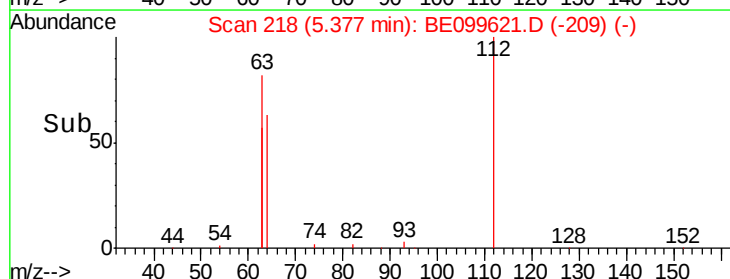
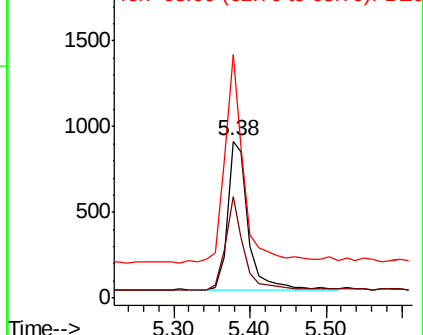
112 100

64 55.6 43.7 65.5

63 127.5 94.0 141.0



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





#5

Phenol-d6

Concen: 0.327 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

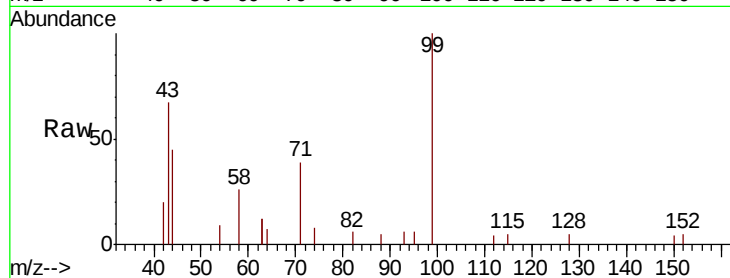
Tgt Ion: 99 Resp: 2247

Ion Ratio Lower Upper

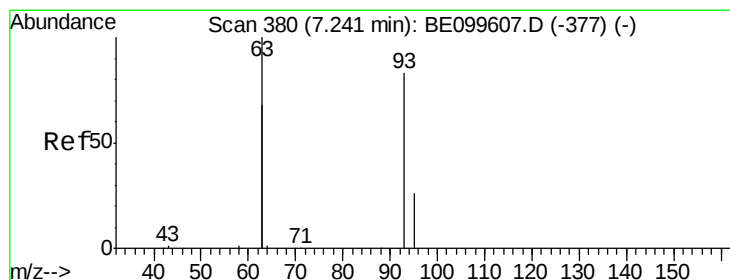
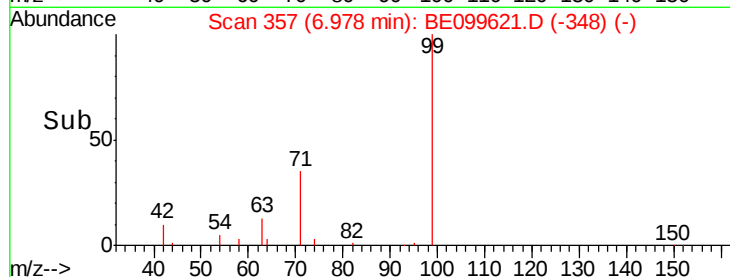
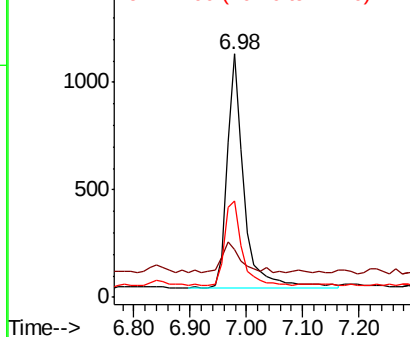
99 100

42 15.0 14.3 21.5

71 38.2 33.1 49.7



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: BE099621.D

Acq: 16 May 2019 13:16

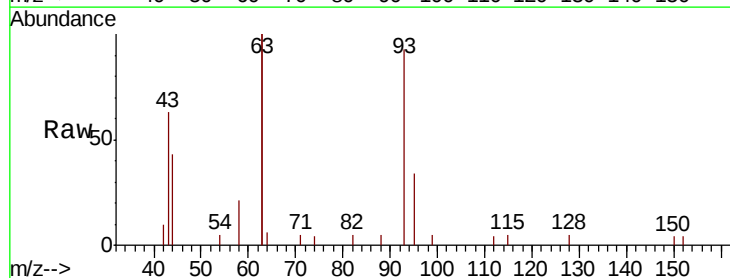
Tgt Ion: 93 Resp: 1967

Ion Ratio Lower Upper

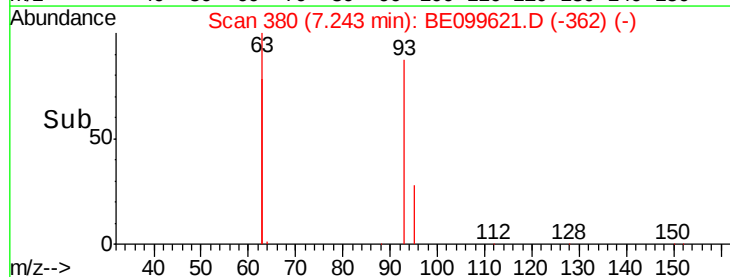
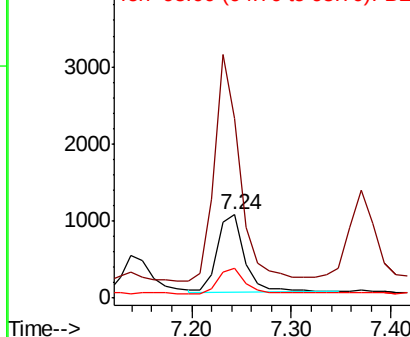
93 100

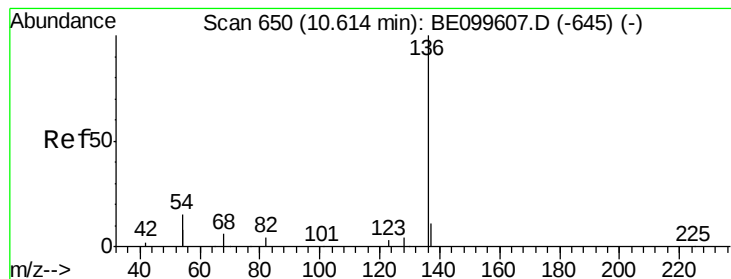
63 258.8 201.0 301.4

95 33.6 25.0 37.4



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. 0.01 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

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ClientSampleId :

PB119274BS

Tgt Ion:136 Resp: 6471

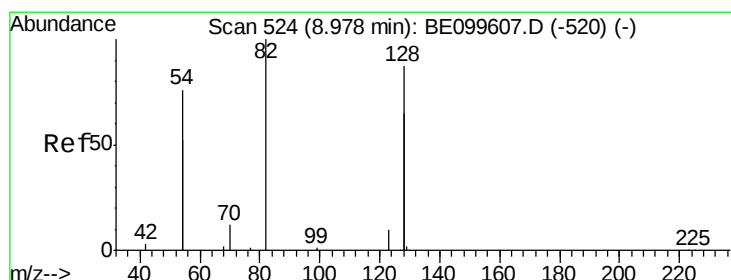
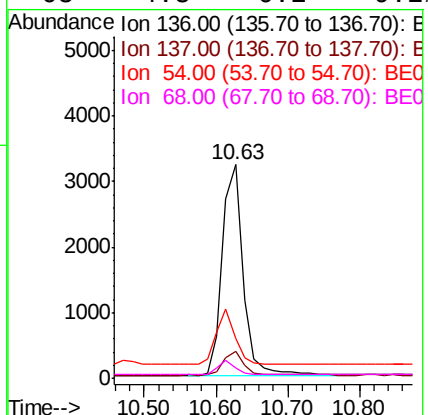
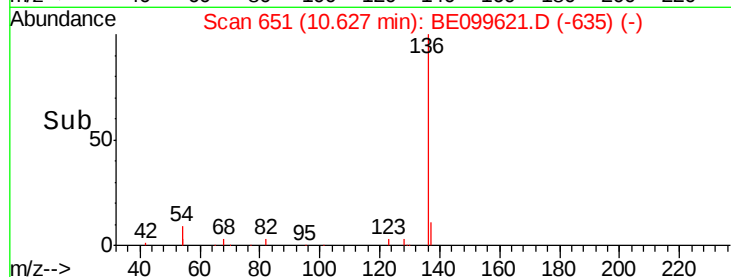
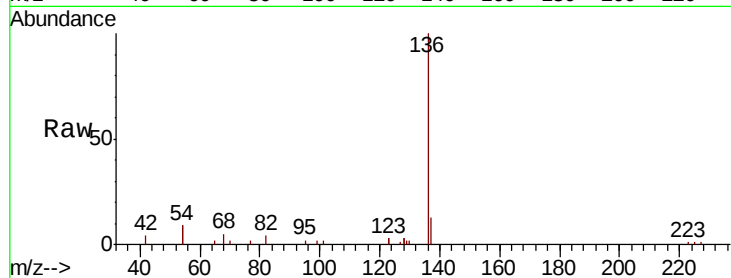
Ion Ratio Lower Upper

136 100

137 12.8 9.7 14.5

54 18.3 23.8 35.8#

68 4.8 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.304 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

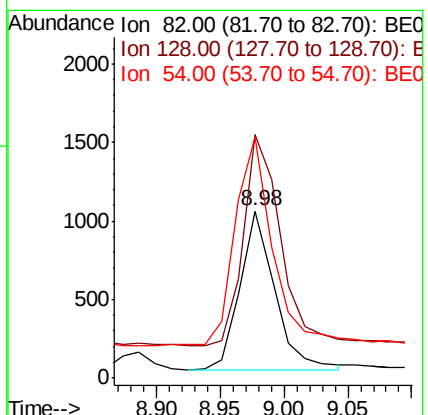
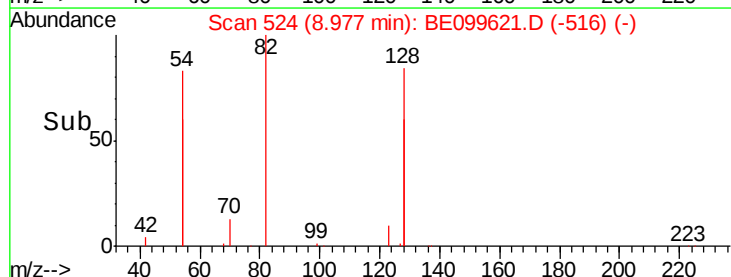
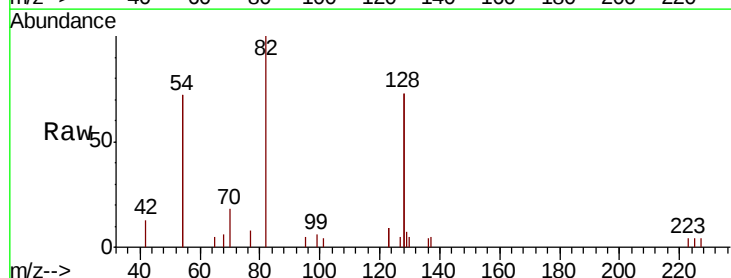
Tgt Ion: 82 Resp: 1905

Ion Ratio Lower Upper

82 100

128 146.0 131.4 197.2

54 144.3 113.9 170.9

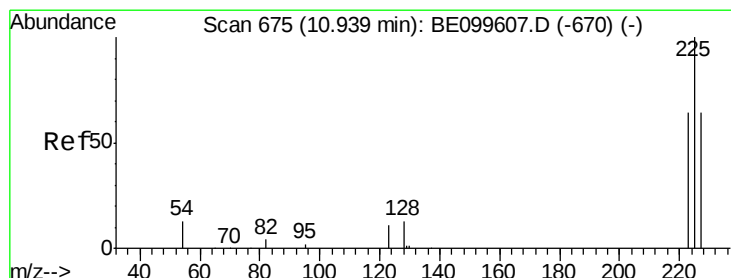
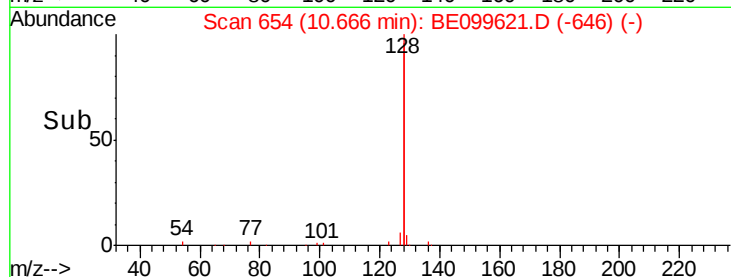
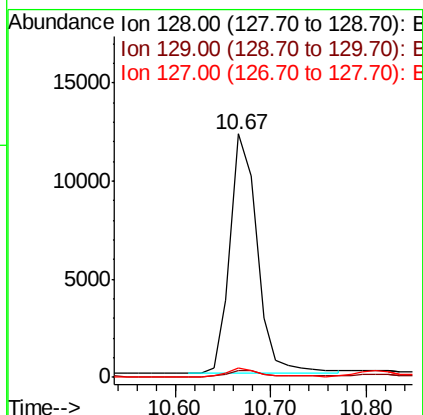
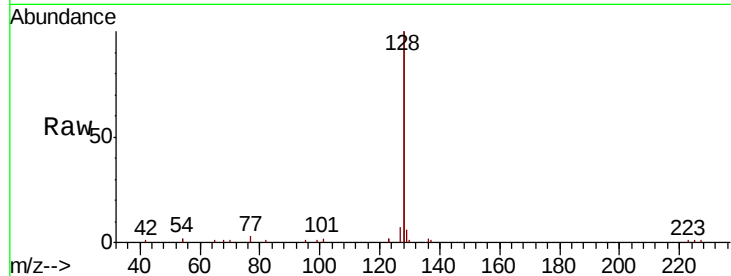




#9
Naphthalene
Concen: 0.349 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

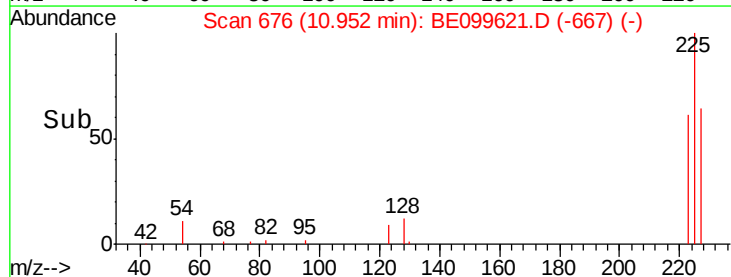
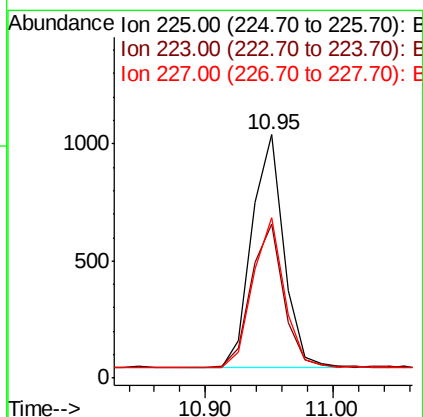
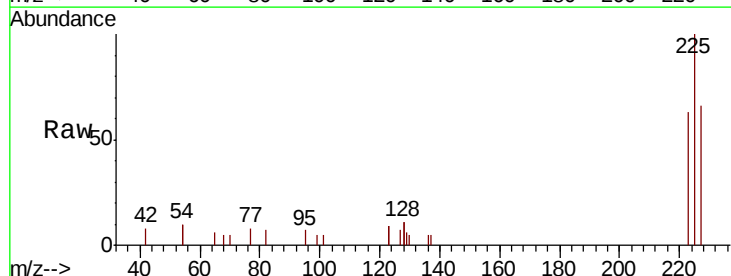
Instrument :
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PB119274BS

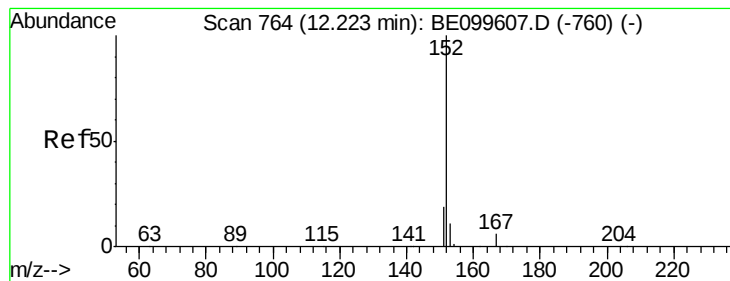
Tgt Ion:128 Resp: 23998
Ion Ratio Lower Upper
128 100
129 3.0 2.6 4.0
127 3.6 3.0 4.6



#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

Tgt Ion:225 Resp: 1726
Ion Ratio Lower Upper
225 100
223 62.4 49.8 74.8
227 64.2 51.2 76.8





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

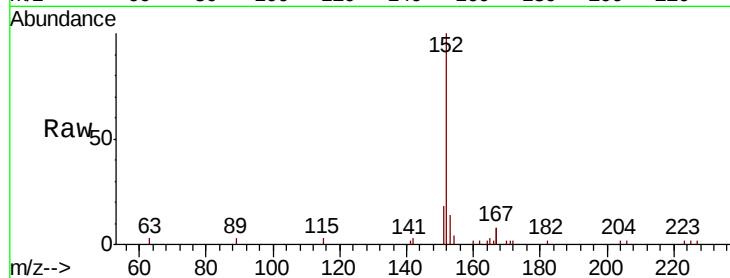
PB119274BS

Tgt Ion:152 Resp: 4616

Ion Ratio Lower Upper

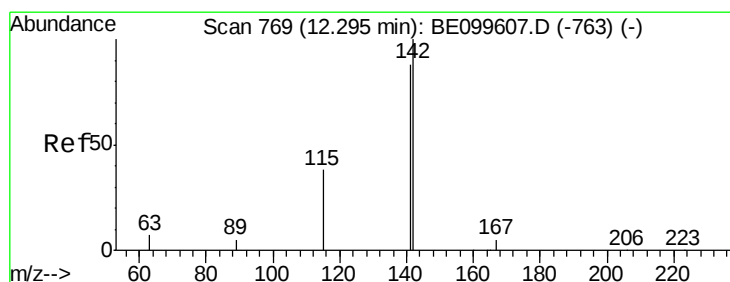
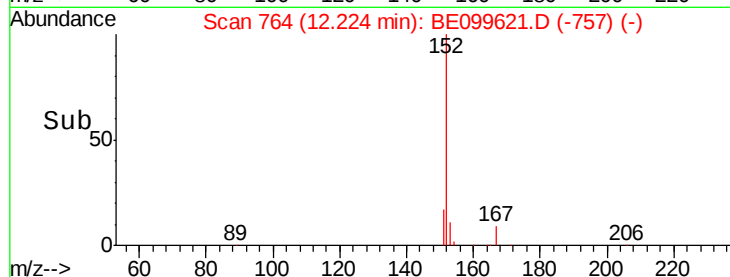
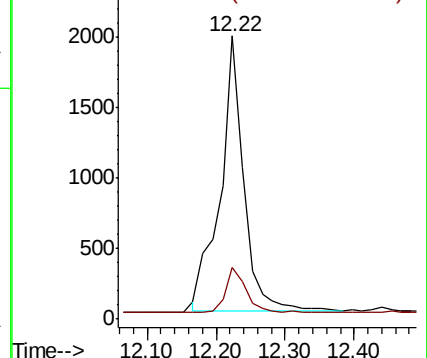
152 100

151 14.6 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.340 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

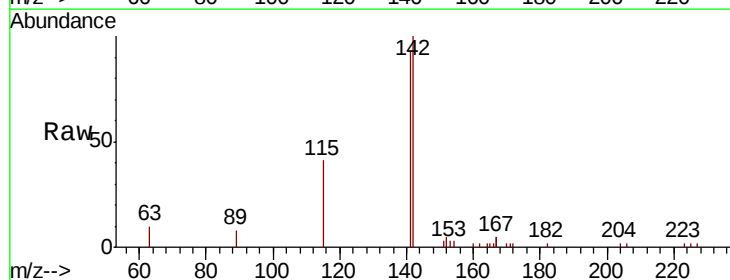
Tgt Ion:142 Resp: 3863

Ion Ratio Lower Upper

142 100

141 92.7 70.4 105.6

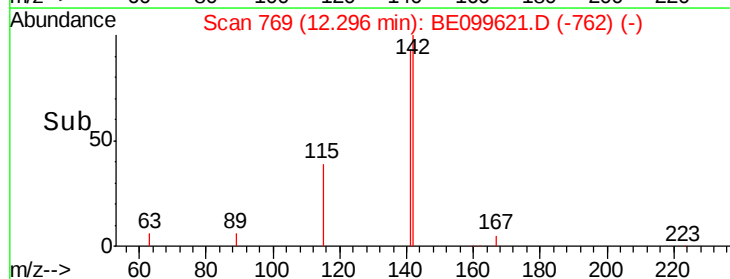
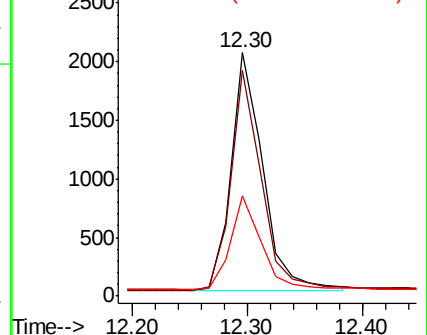
115 41.1 32.2 48.4

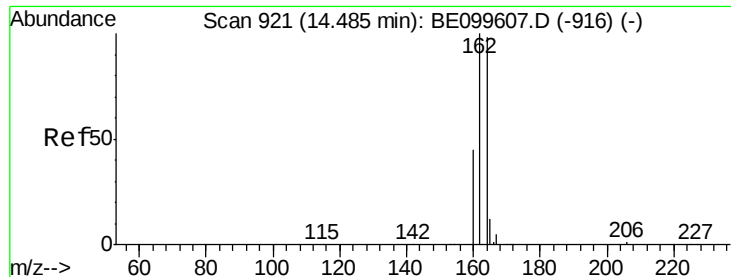


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

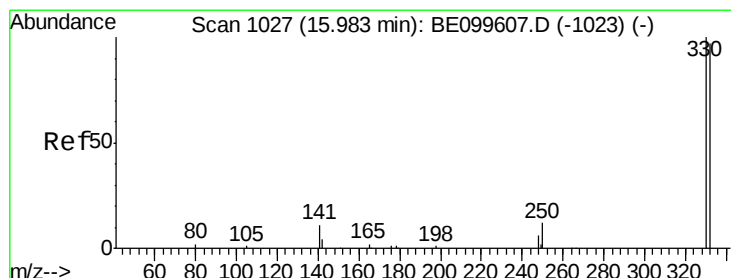
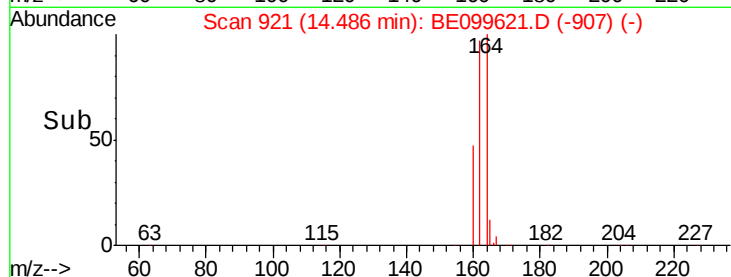
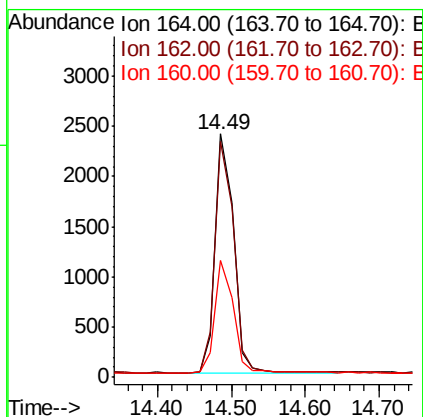
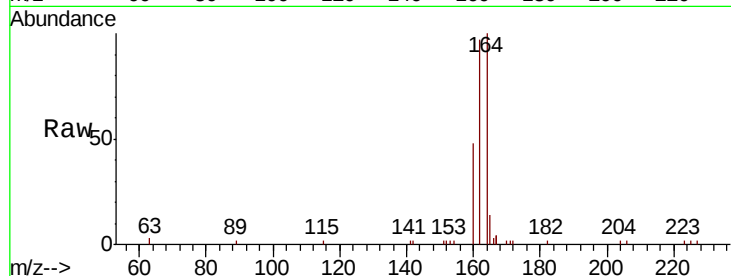




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

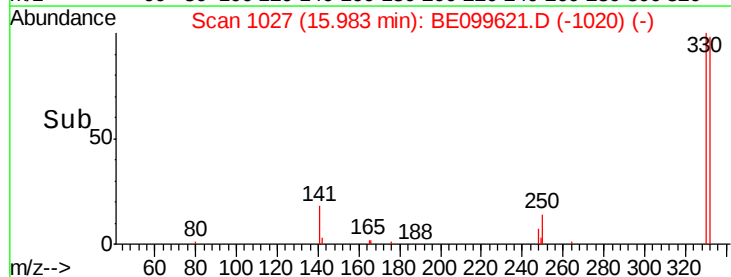
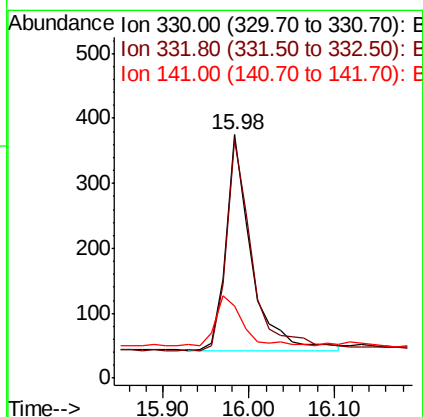
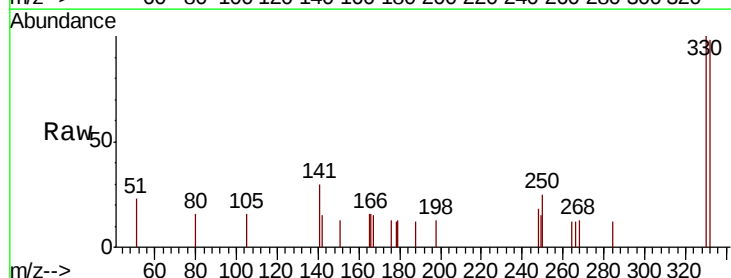
Instrument :
BNA_E
ClientSampleId :
PB119274BS

Tgt Ion:164 Resp: 4133
Ion Ratio Lower Upper
164 100
162 96.8 81.4 122.0
160 47.8 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

Tgt Ion:330 Resp: 683
Ion Ratio Lower Upper
330 100
332 101.9 73.8 110.8
141 23.0 21.0 31.6

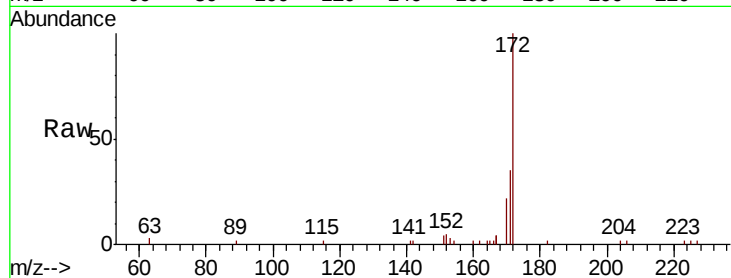




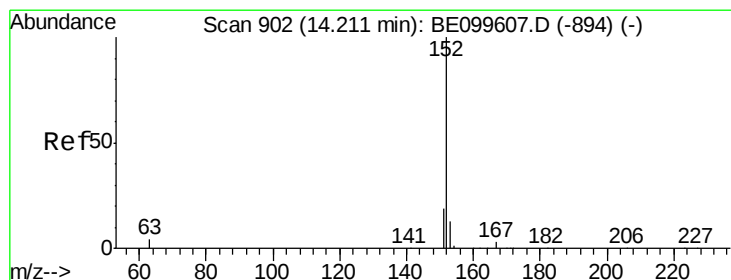
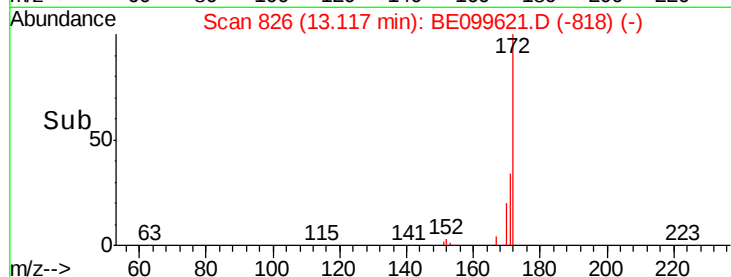
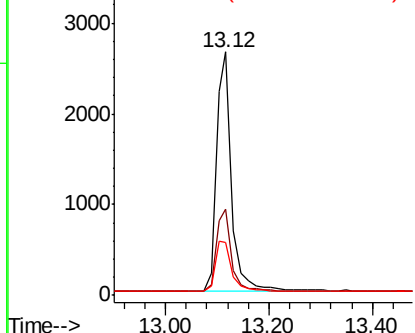
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.02 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

Instrument :
BNA_E
ClientSampleId :
PB119274BS

Tgt Ion:172 Resp: 5459
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.2
170 21.8 21.5 32.3

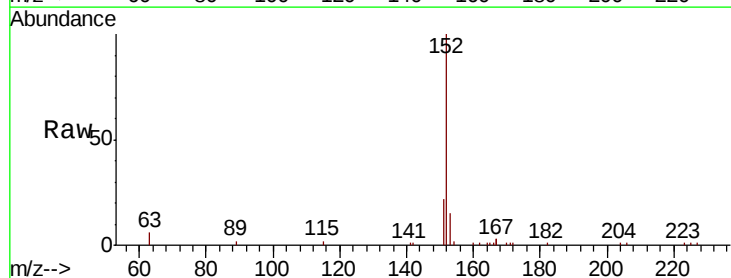


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

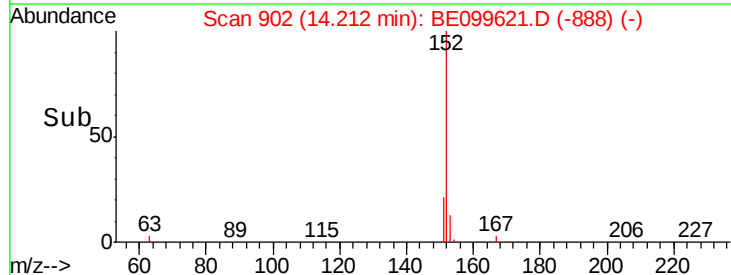
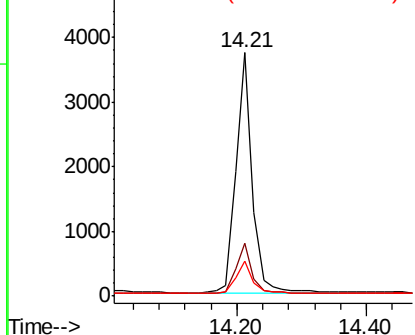


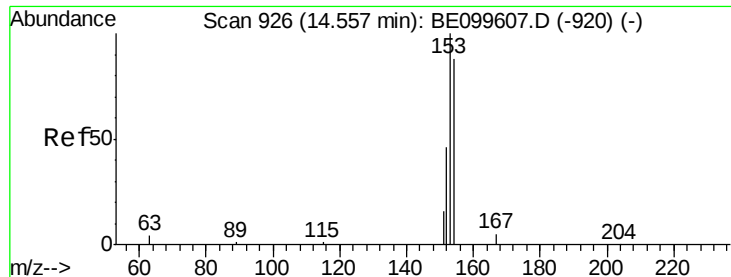
#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

Tgt Ion:152 Resp: 6437
Ion Ratio Lower Upper
152 100
151 20.2 15.6 23.4
153 13.4 10.4 15.6



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: 0.335 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

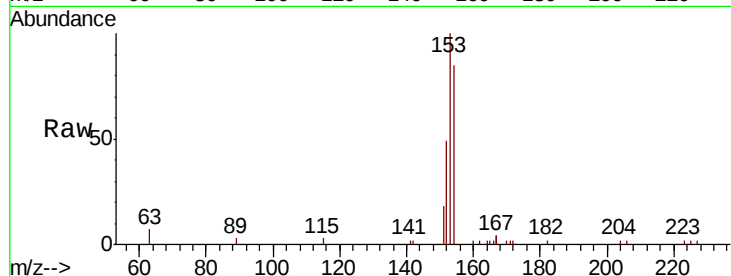
Tgt Ion:154 Resp: 3686

Ion Ratio Lower Upper

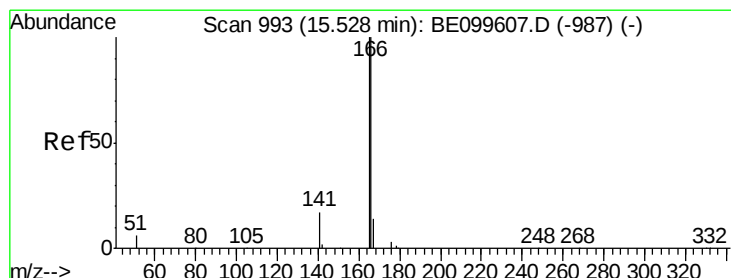
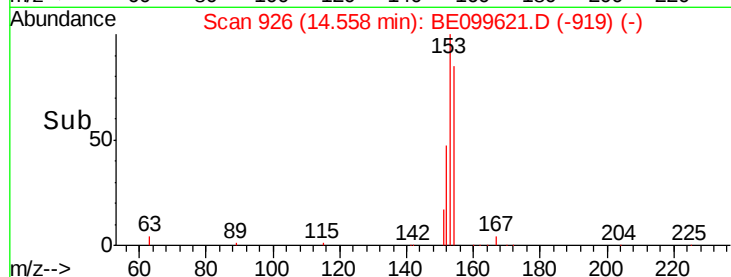
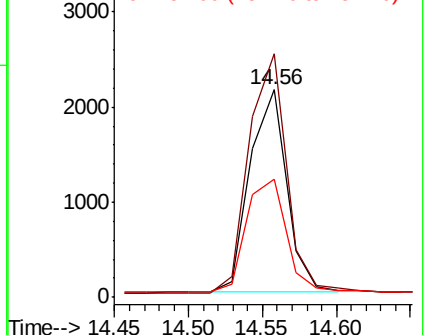
154 100

153 120.0 94.1 141.1

152 59.8 46.5 69.7



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: 0.347 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

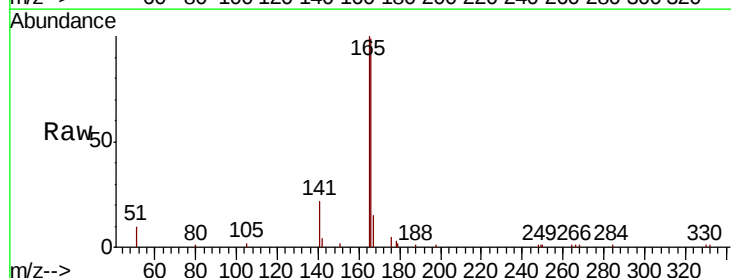
Tgt Ion:166 Resp: 5478

Ion Ratio Lower Upper

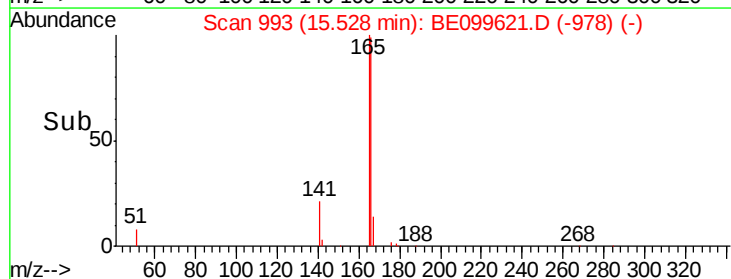
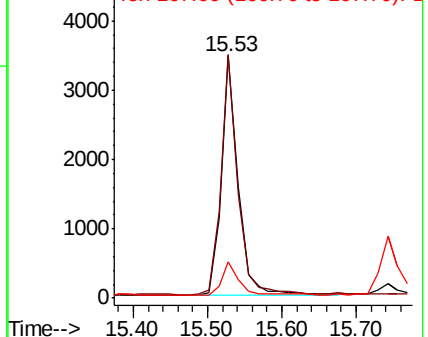
166 100

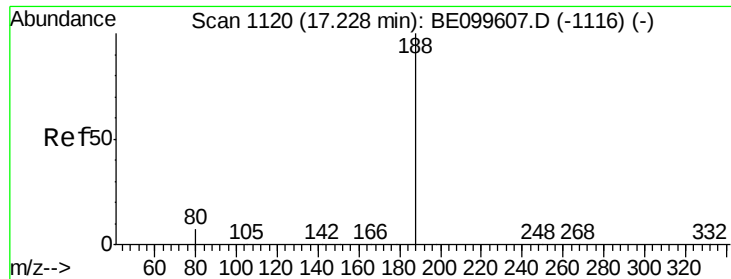
165 99.7 79.8 119.8

167 13.3 11.2 16.8



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

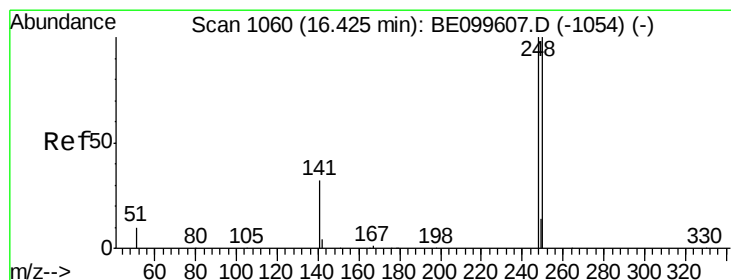
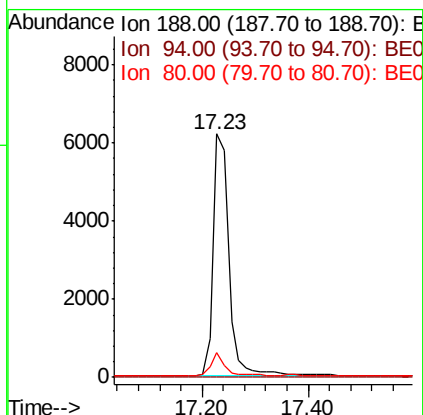
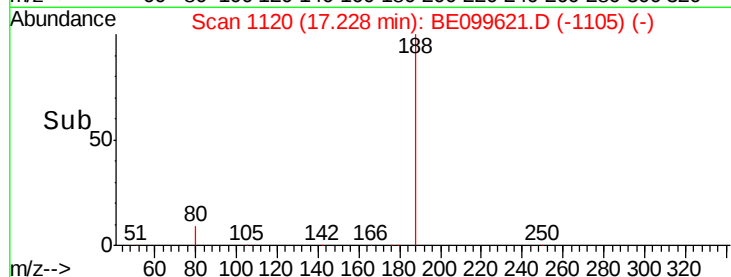
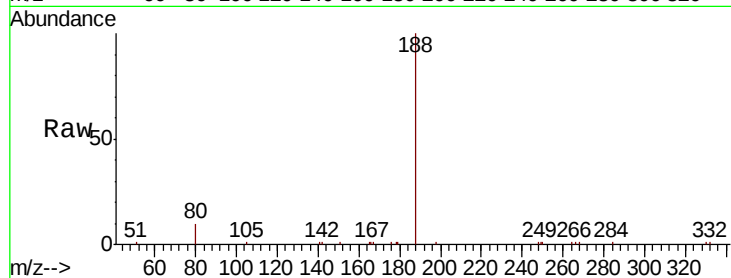
Tgt Ion:188 Resp: 12493

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 6.4 9.6#



#20

4-Bromophenyl-phenylether

Concen: 0.329 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

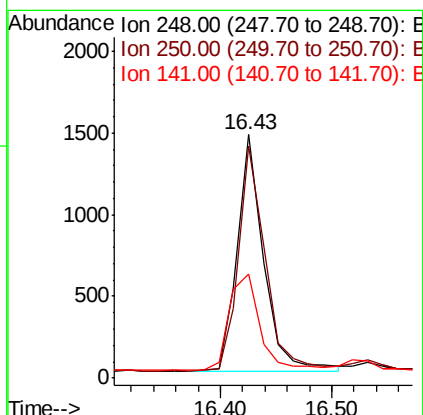
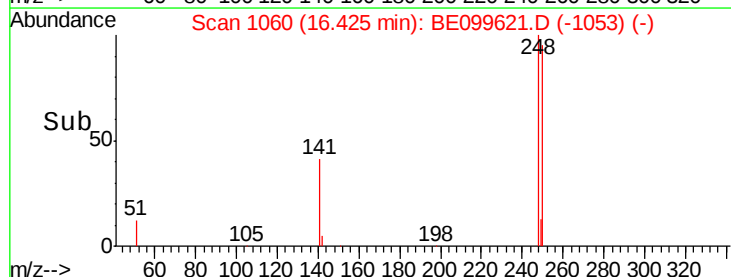
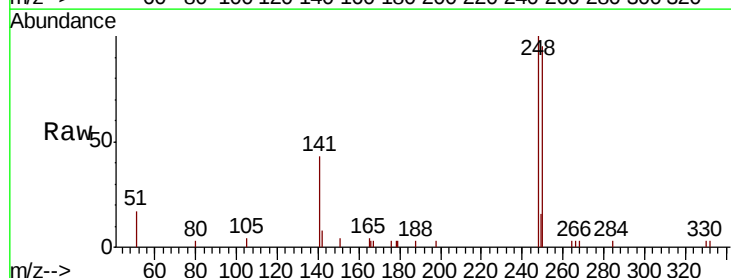
Tgt Ion:248 Resp: 2369

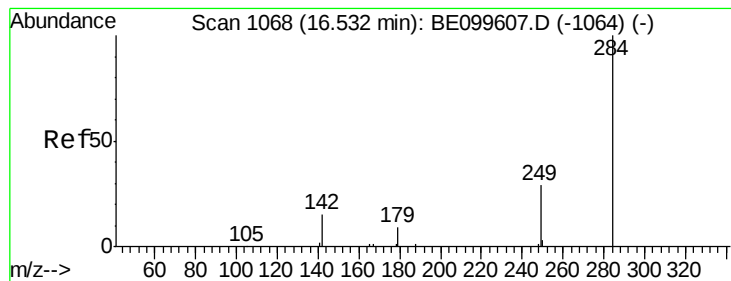
Ion Ratio Lower Upper

248 100

250 95.4 80.4 120.6

141 43.0 27.8 41.8#





#21

Hexachlorobenzene

Concen: 0.341 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

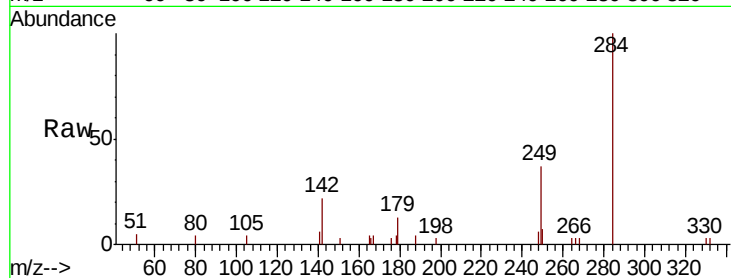
Tgt Ion:284 Resp: 2416

Ion Ratio Lower Upper

284 100

142 24.2 19.4 29.2

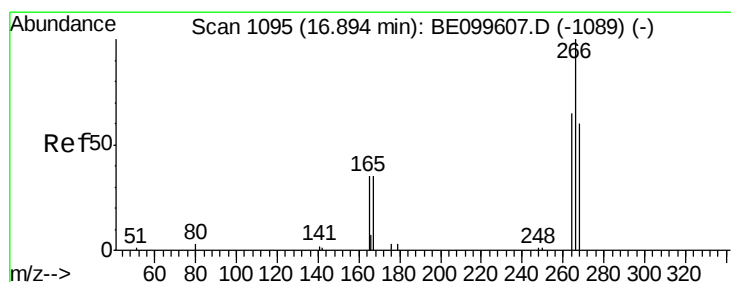
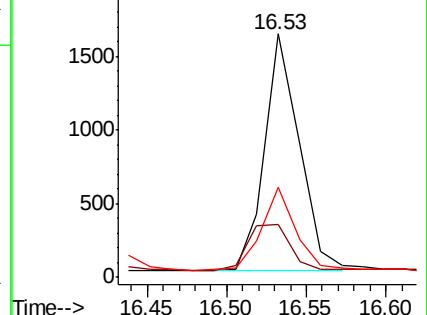
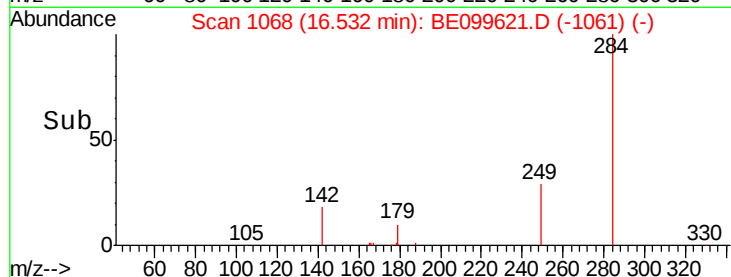
249 34.0 24.6 37.0



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: 0.339 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

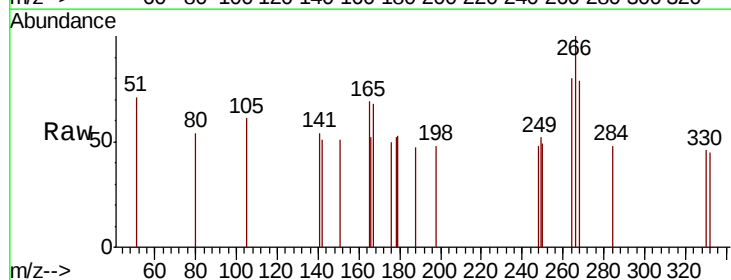
Tgt Ion:266 Resp: 263

Ion Ratio Lower Upper

266 100

264 79.6 57.7 86.5

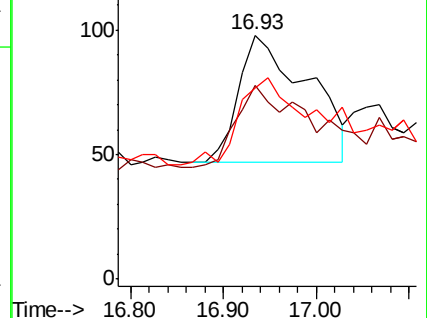
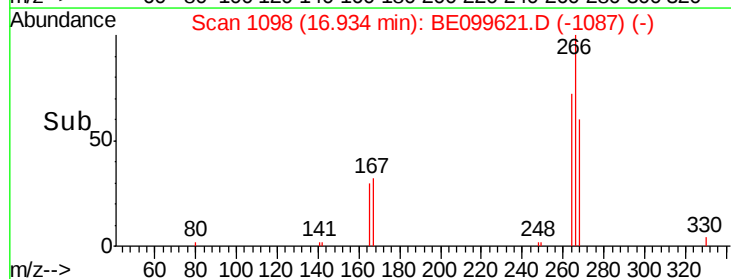
268 78.6 55.8 83.8



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: 0.341 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

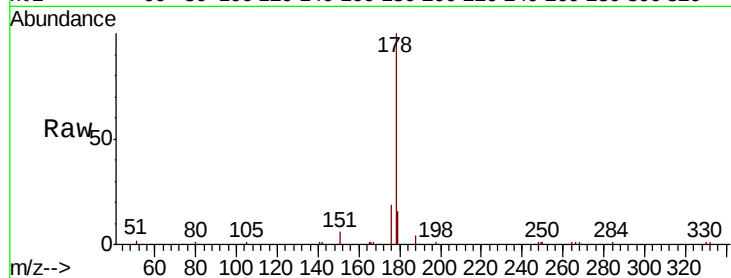
Tgt Ion:178 Resp: 10577

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

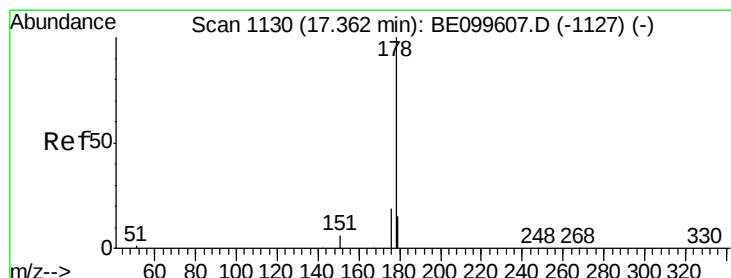
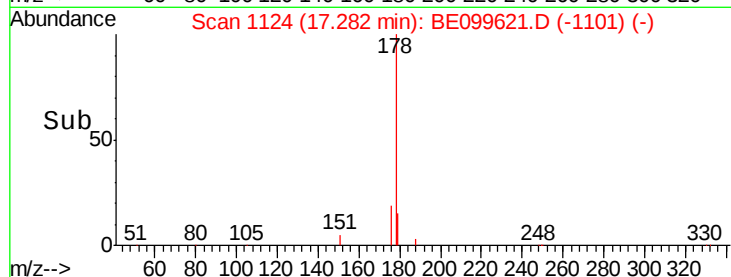
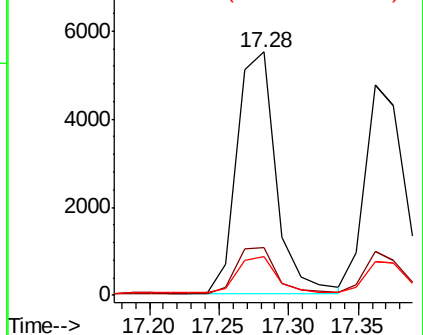
179 15.3 12.2 18.2



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: 0.317 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

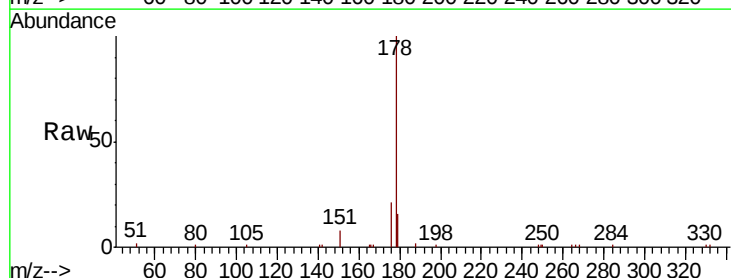
Tgt Ion:178 Resp: 9073

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

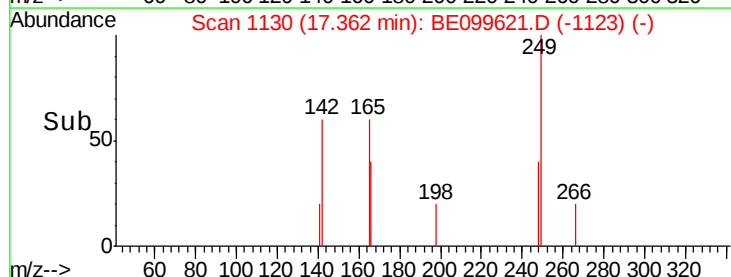
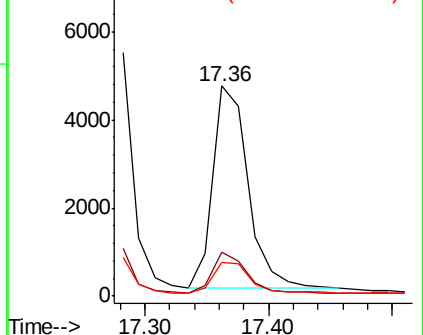
179 15.8 12.1 18.1

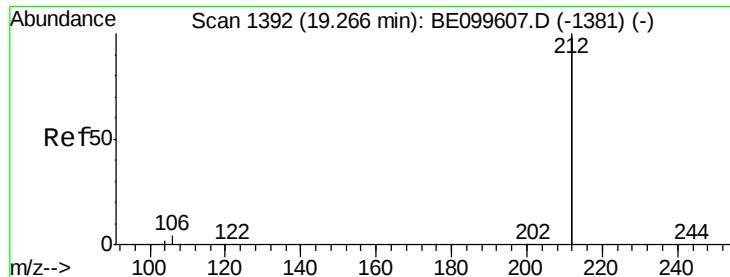


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.342 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

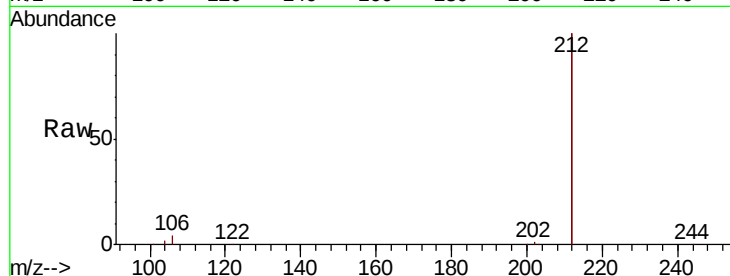
Tgt Ion:212 Resp: 56807

Ion Ratio Lower Upper

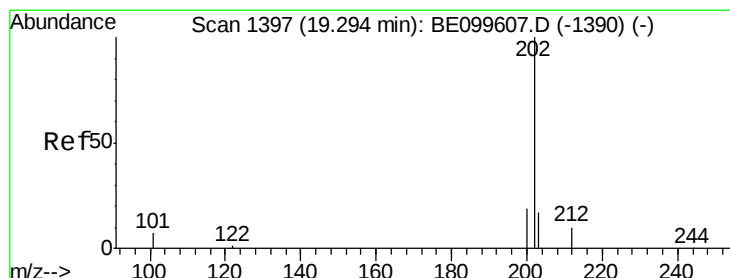
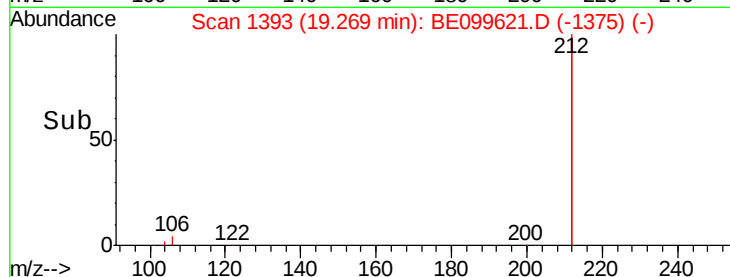
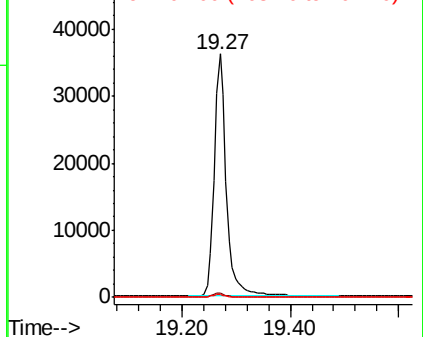
212 100

106 1.8 1.4 2.2

104 1.1 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.358 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

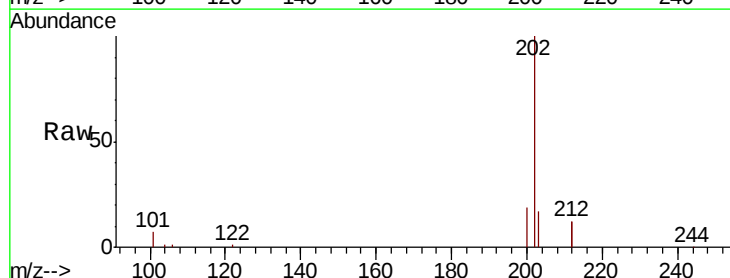
Tgt Ion:202 Resp: 16802

Ion Ratio Lower Upper

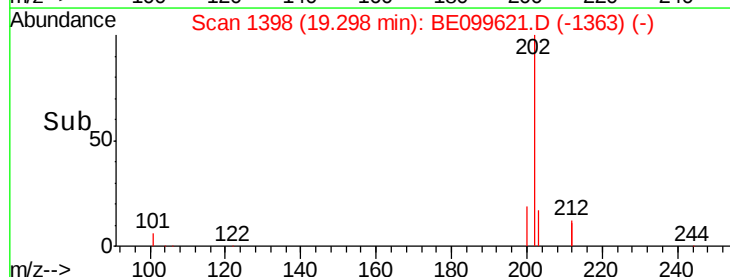
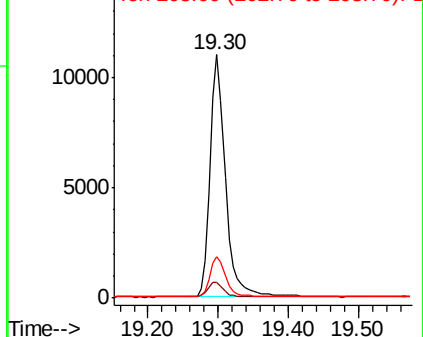
202 100

101 6.6 5.0 7.6

203 16.7 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

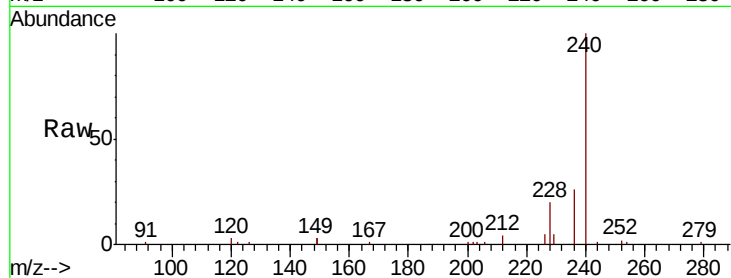
Tgt Ion:240 Resp: 17014

Ion Ratio Lower Upper

240 100

120 3.4 5.7 8.5#

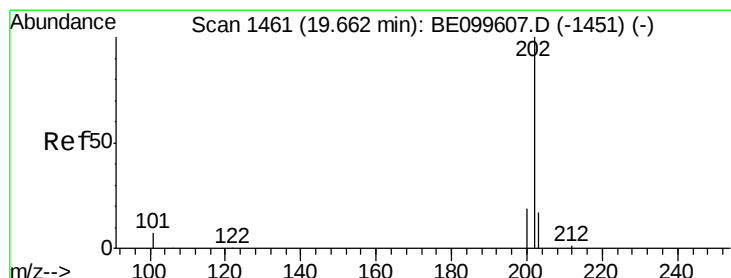
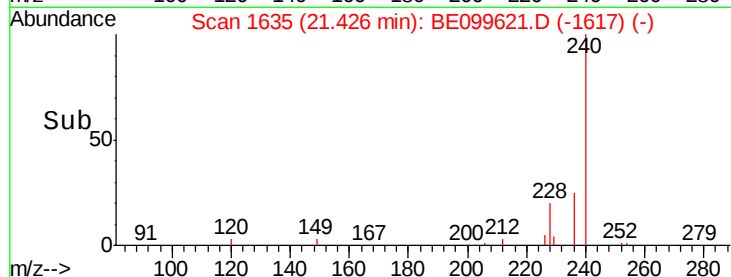
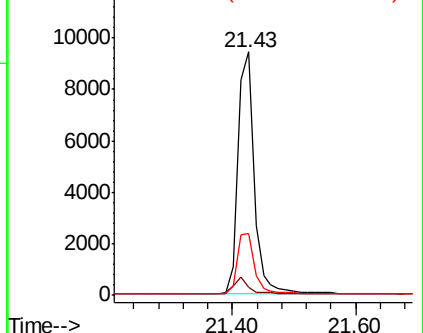
236 25.5 22.8 34.2



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: 0.395 ng

RT: 19.66 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

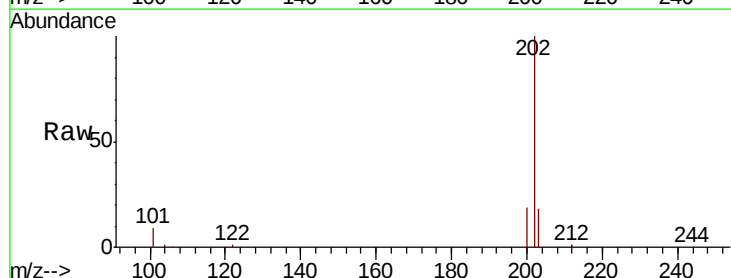
Tgt Ion:202 Resp: 17120

Ion Ratio Lower Upper

202 100

200 19.3 15.8 23.6

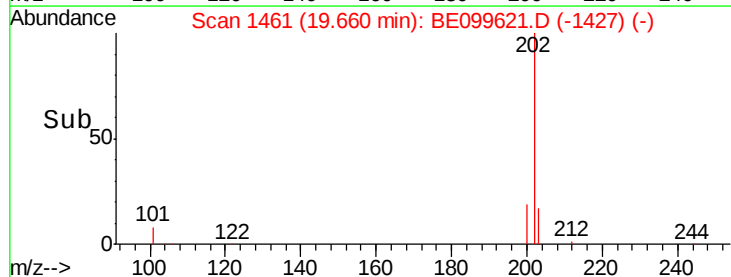
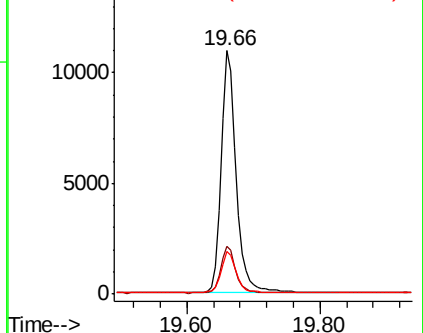
203 17.8 14.1 21.1

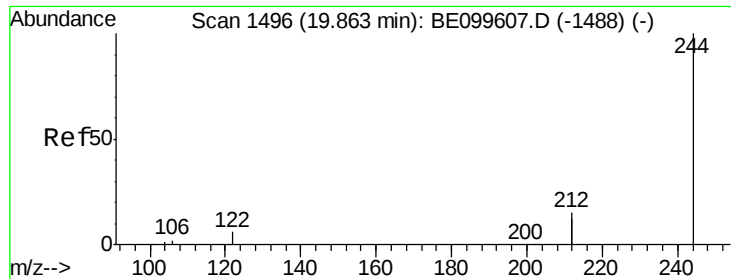


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

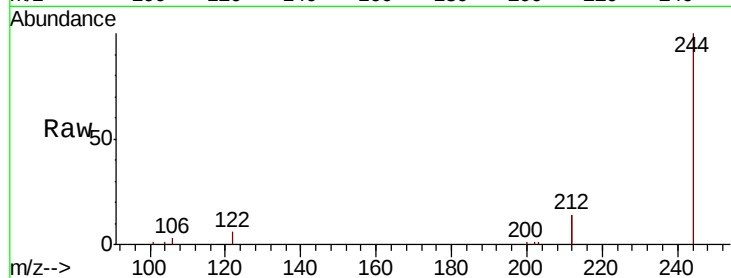
Tgt Ion:244 Resp: 11906

Ion Ratio Lower Upper

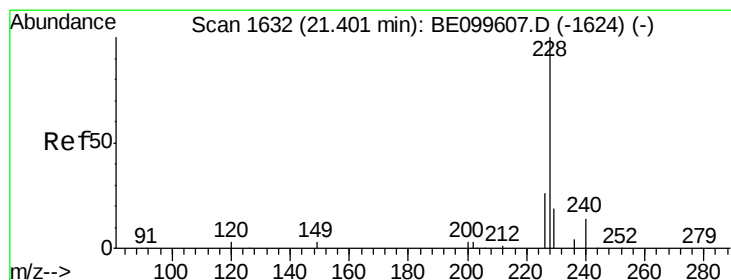
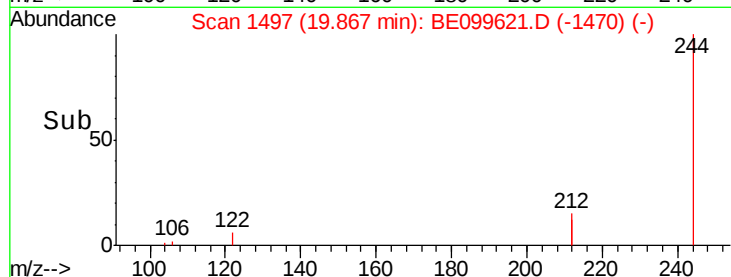
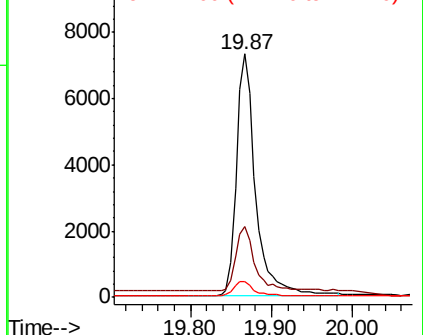
244 100

212 29.0 23.8 35.6

122 6.4 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: 0.398 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

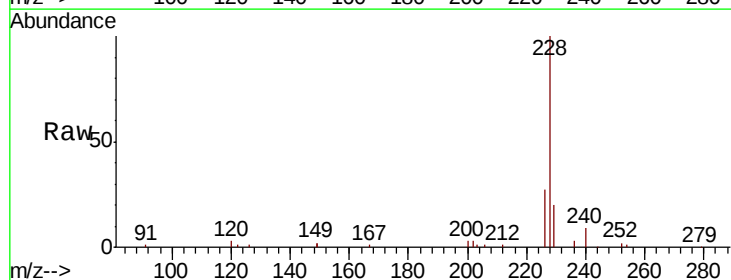
Tgt Ion:228 Resp: 20476

Ion Ratio Lower Upper

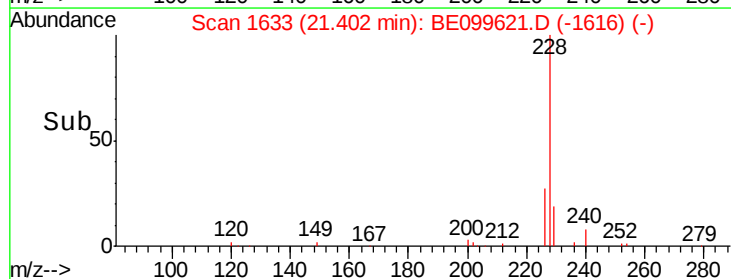
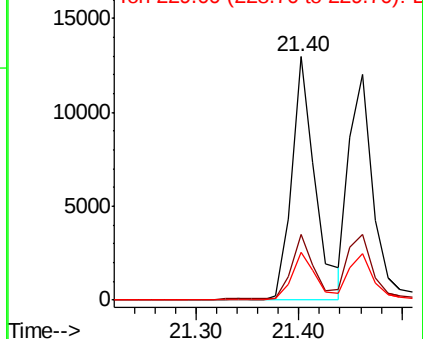
228 100

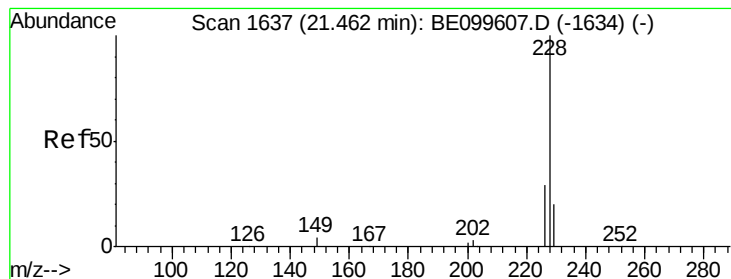
226 27.0 21.4 32.2

229 19.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.361 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

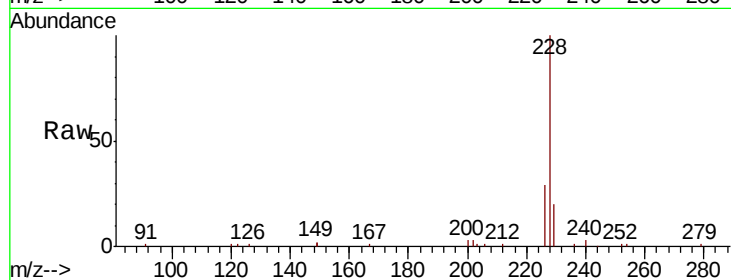
Tgt Ion:228 Resp: 19119

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.4

229 20.3 16.4 24.6

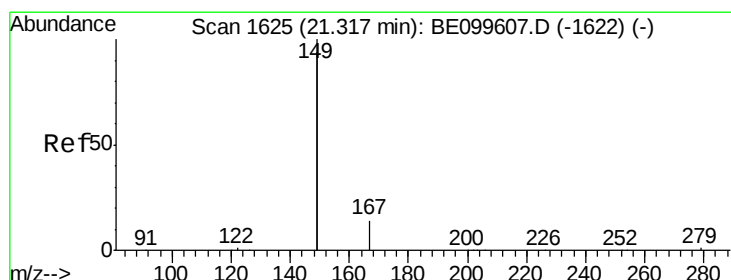
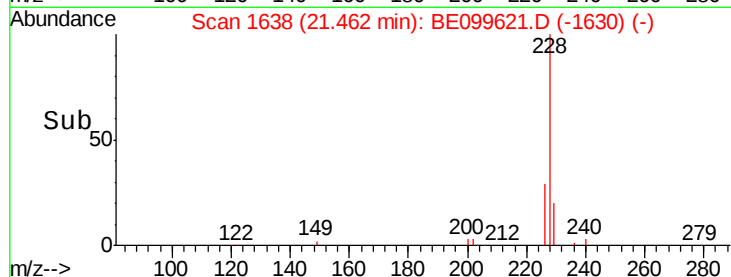
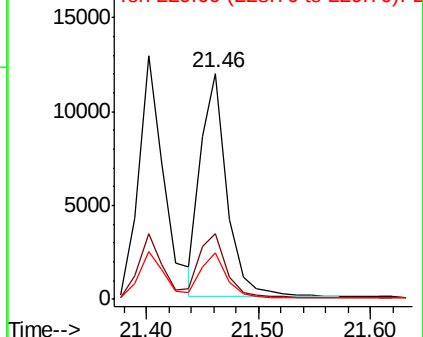


Abundance

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: 0.318 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

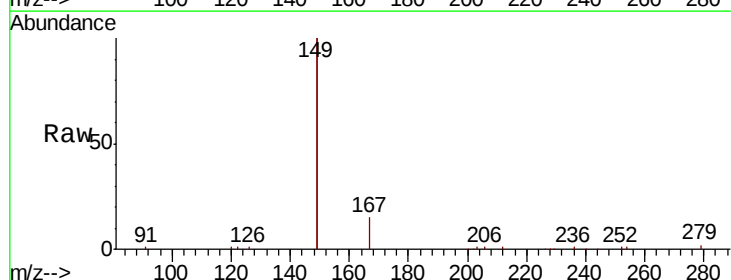
Tgt Ion:149 Resp: 25226

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

279 1.3 1.1 1.7

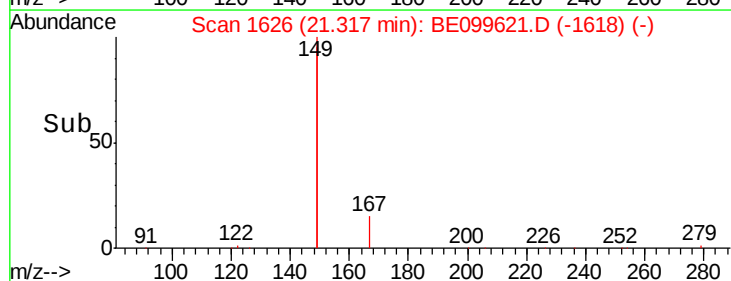
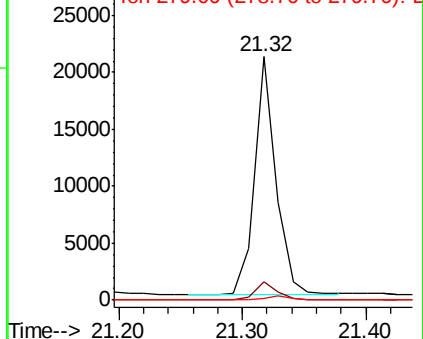


Abundance

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: 0.381 ng

RT: 26.66 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

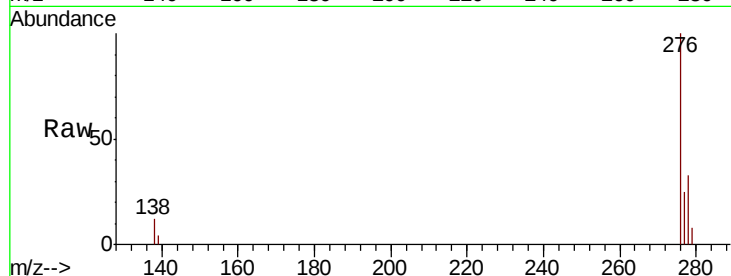
Tgt Ion:276 Resp: 25119

Ion Ratio Lower Upper

276 100

138 12.1 10.0 15.0

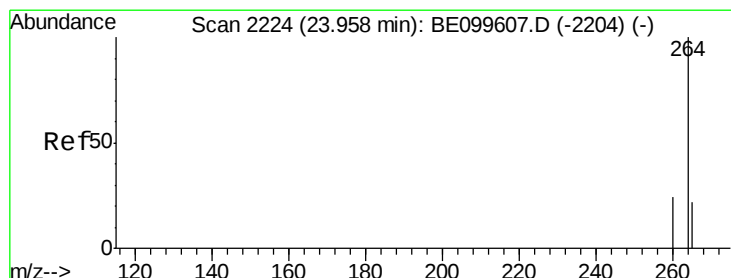
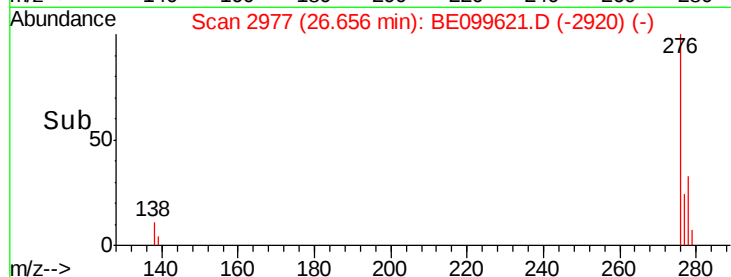
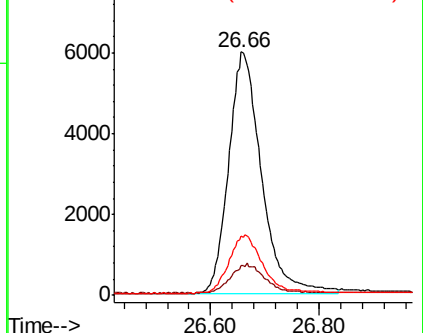
277 24.6 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

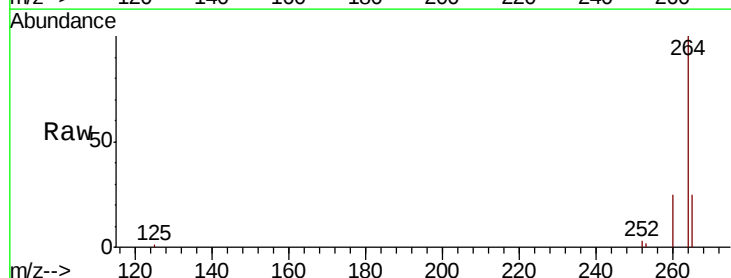
Tgt Ion:264 Resp: 20008

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

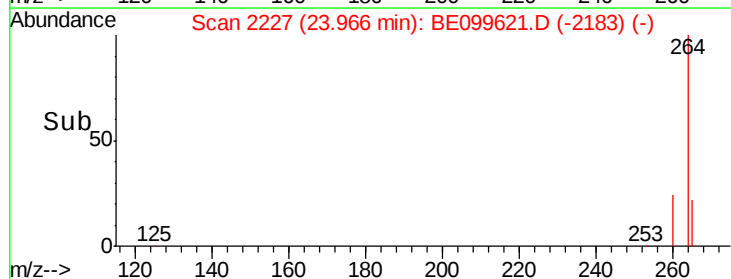
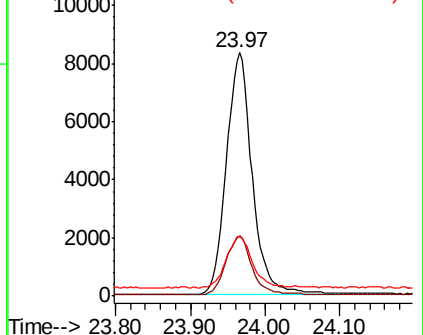
265 24.9 21.2 31.8



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

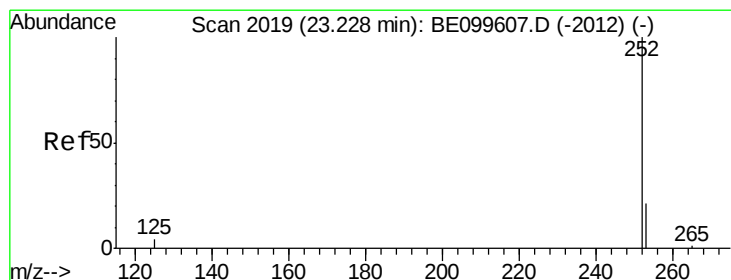
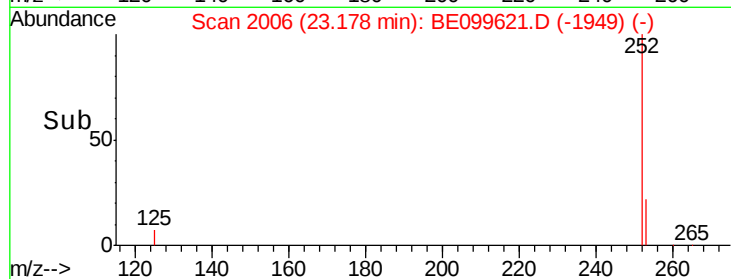
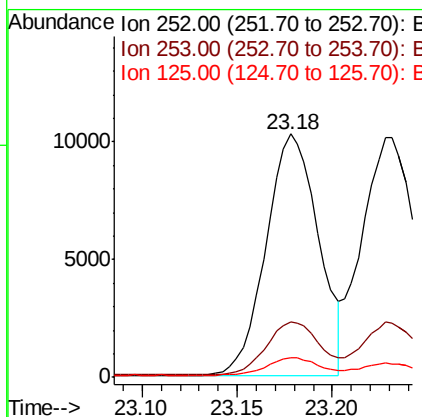
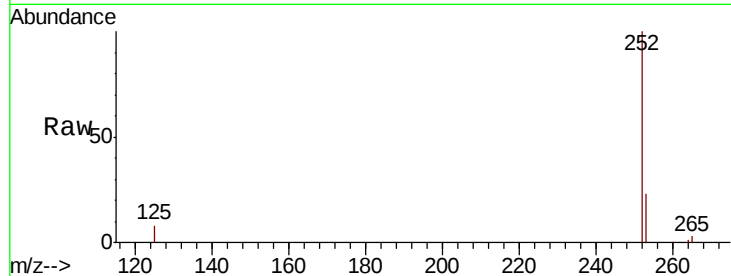




#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

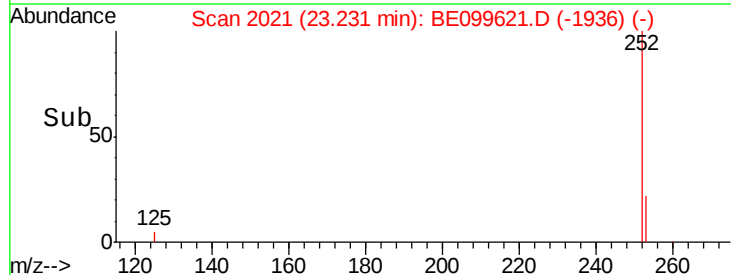
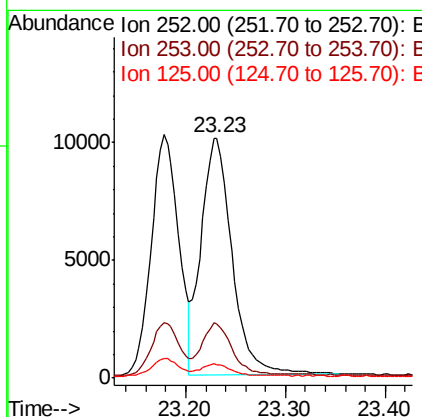
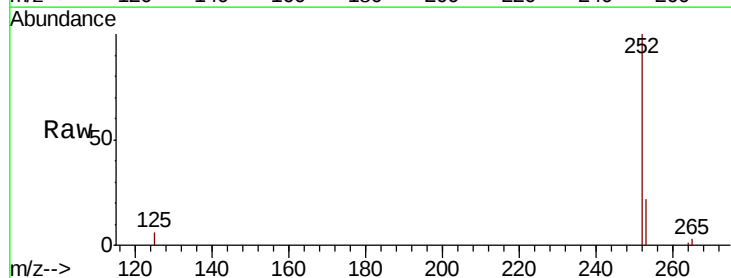
Instrument :
BNA_E
ClientSampleId :
PB119274BS

Tgt Ion:252 Resp: 19697
Ion Ratio Lower Upper
252 100
253 22.9 19.1 28.7
125 7.9 7.8 11.8



#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE099621.D
Acq: 16 May 2019 13:16

Tgt Ion:252 Resp: 21813
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 5.8 5.2 7.8





#37

Benzo(a)pyrene

Concen: 0.371 ng

RT: 23.85 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

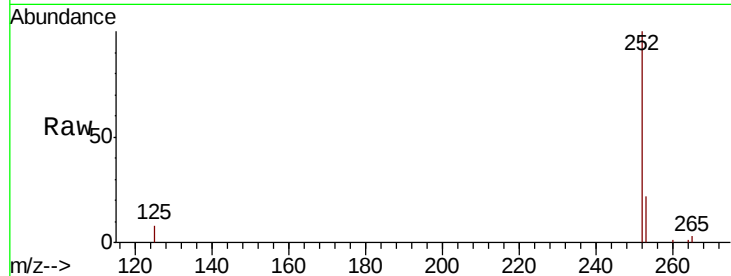
Tgt Ion:252 Resp: 20092

Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.6

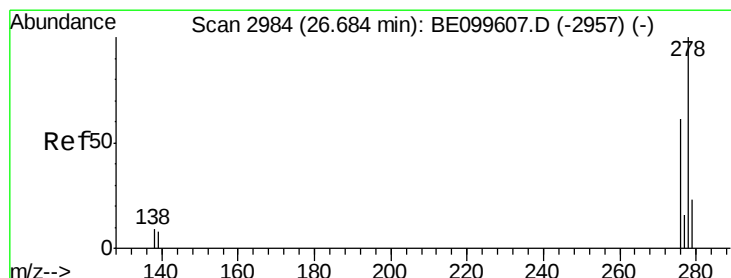
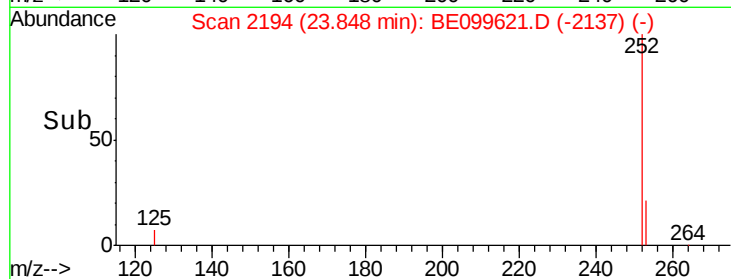
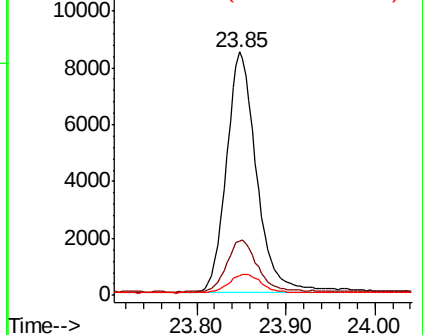
125 8.2 8.8 13.2#



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: 0.371 ng

RT: 26.69 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

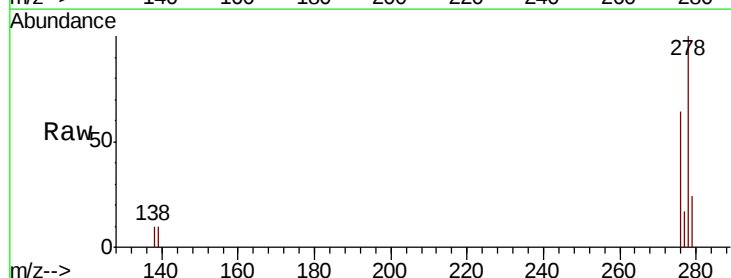
Tgt Ion:278 Resp: 20852

Ion Ratio Lower Upper

278 100

139 9.6 7.9 11.9

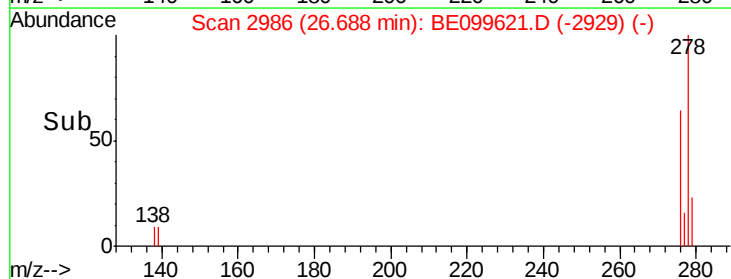
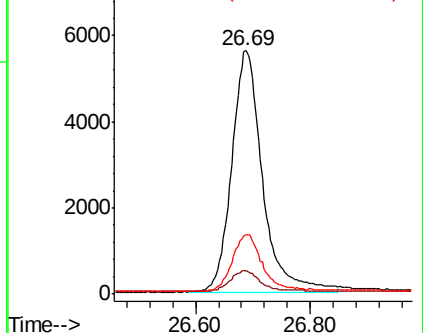
279 24.3 19.5 29.3



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(g,h,i)perylene

Concen: 0.381 ng

RT: 27.49 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE099621.D

Acq: 16 May 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB119274BS

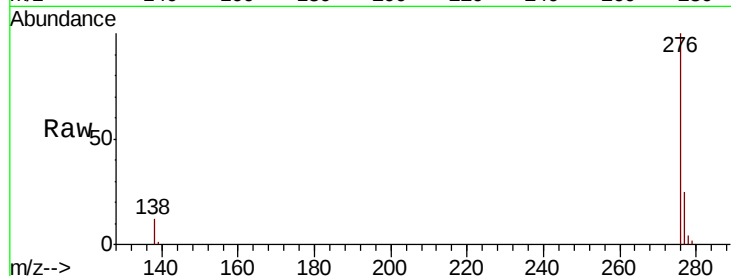
Tgt Ion: 276 Resp: 21503

Ion Ratio Lower Upper

276 100

277 24.8 19.3 28.9

138 12.0 9.1 13.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

