

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099626.D
 Acq On : 16 May 2019 17:15
 Operator : JU/SJ
 Sample : PB119762BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119762BSD

Quant Time: May 17 07:02:46 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	7.81	152	1586	0.40	ng	-0.01
7) Naphthalene-d8	10.62	136	5293	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3669	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10819	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16097	0.40	ng	0.00
34) Perylene-d12	23.96	264	17224	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1488	0.33	ng	0.01
5) Phenol-d6	6.98	99	1900	0.33	ng	0.00
8) Nitrobenzene-d5	8.98	82	1709	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4423	0.50	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	731	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5068	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	52629	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	10666	0.37	ng	0.00

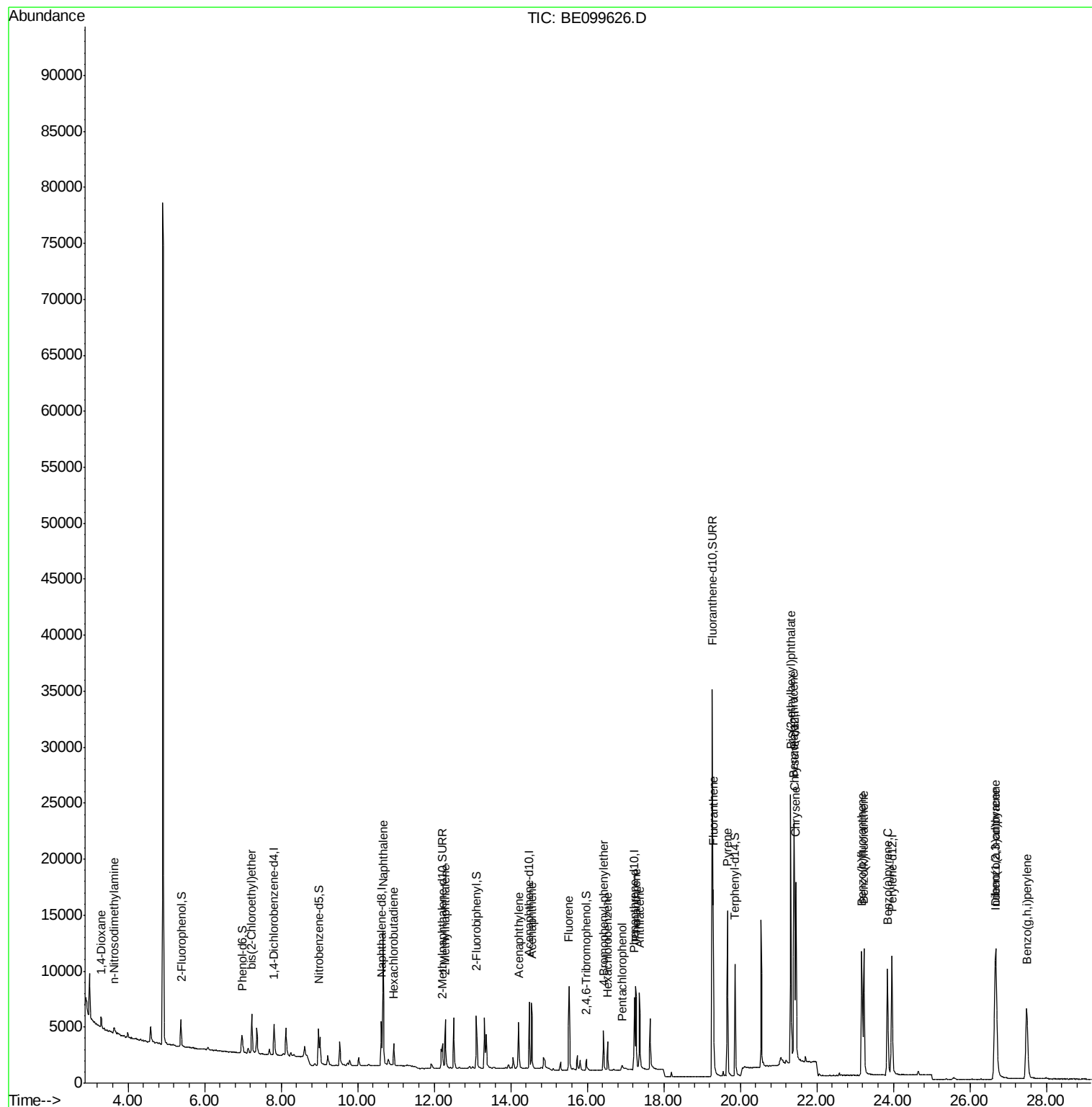
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	835	0.357	ng	# 80
3) n-Nitrosodimethylamine	3.63	42	404	0.271	ng	# 85
6) bis(2-Chloroethyl)ether	7.23	93	1566	0.326	ng	90
9) Naphthalene	10.67	128	20107	0.357	ng	99
10) Hexachlorobutadiene	10.94	225	1448	0.351	ng	99
12) 2-Methylnaphthalene	12.30	142	3308	0.356	ng	98
16) Acenaphthylene	14.21	152	5745	0.332	ng	98
17) Acenaphthene	14.54	154	3398	0.347	ng	99
18) Fluorene	15.53	166	4840	0.345	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2097	0.336	ng	97
21) Hexachlorobenzene	16.53	284	2232	0.364	ng	97
22) Pentachlorophenol	16.91	266	694	0.470	ng	97
23) Phenanthrene	17.27	178	9586	0.357	ng	98
24) Anthracene	17.36	178	8513	0.344	ng	99
26) Fluoranthene	19.29	202	14849	0.365	ng	99
28) Pyrene	19.66	202	15738	0.384	ng	99
30) Benzo(a)anthracene	21.40	228	17384	0.357	ng	99
31) Chrysene	21.45	228	17697	0.353	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	24812	0.331	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	20885	0.335	ng	99
35) Benzo(b)fluoranthene	23.18	252	17078	0.355	ng	97
36) Benzo(k)fluoranthene	23.23	252	17913	0.377	ng	100
37) Benzo(a)pyrene	23.85	252	16885	0.362	ng	# 97
38) Dibenzo(a,h)anthracene	26.68	278	17434	0.360	ng	97
39) Benzo(g,h,i)perylene	27.49	276	17975	0.369	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099626.D
Acq On : 16 May 2019 17:15
Operator : JU/SJ
Sample : PB119762BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Quant Time: May 17 07:02:46 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



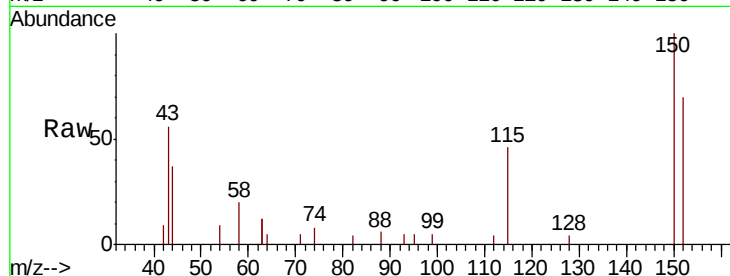


#1

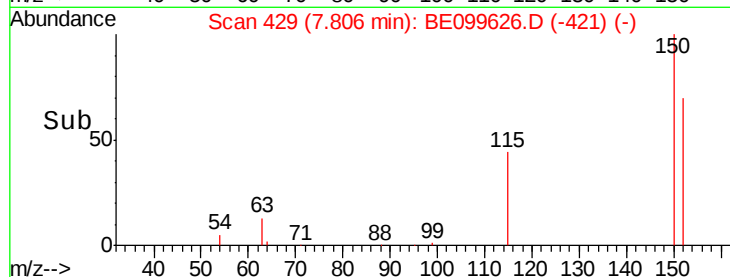
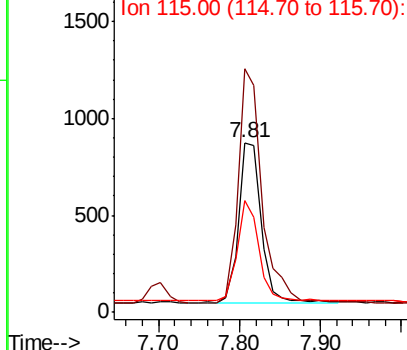
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion: 152 Resp: 1586
Ion Ratio Lower Upper
152 100
150 143.5 110.1 165.1
115 65.7 46.2 69.4



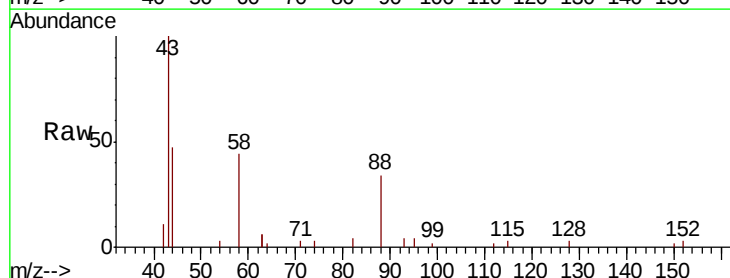
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



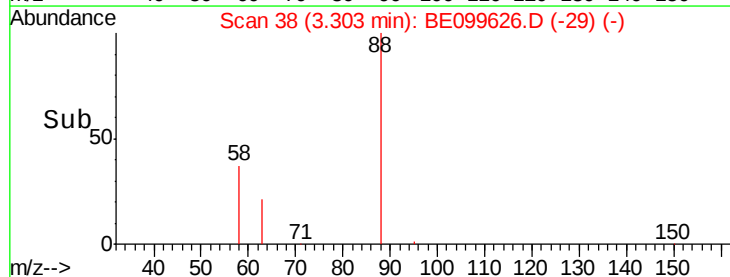
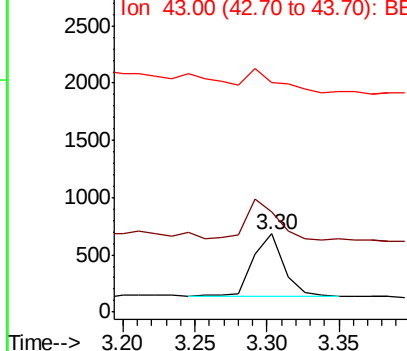
#2

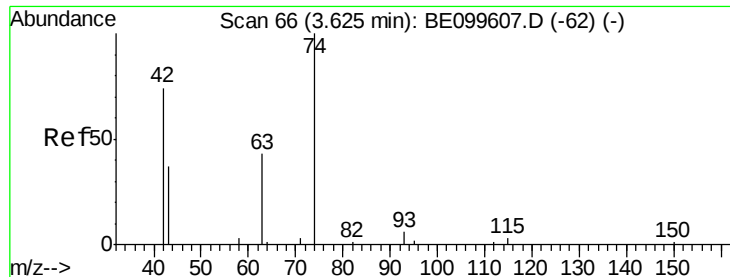
1,4-Dioxane
Concen: 0.357 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion: 88 Resp: 835
Ion Ratio Lower Upper
88 100
58 65.0 39.8 59.6#
43 34.0 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: 0.271 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

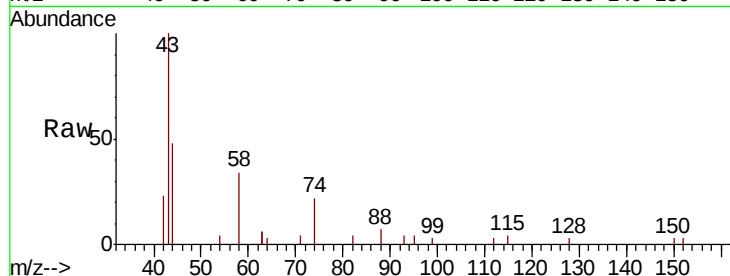
Tgt Ion: 42 Resp: 404

Ion Ratio Lower Upper

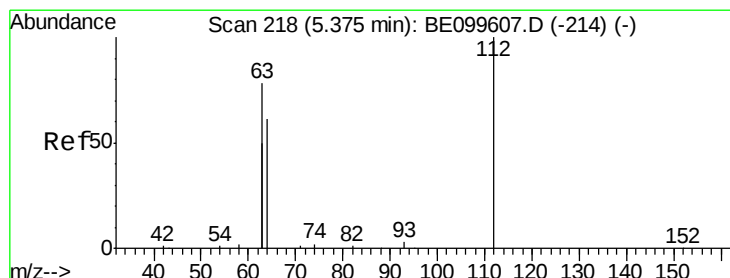
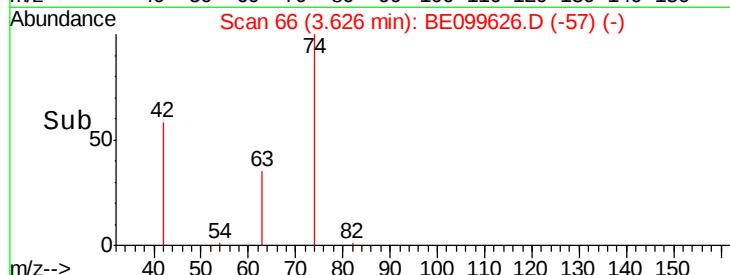
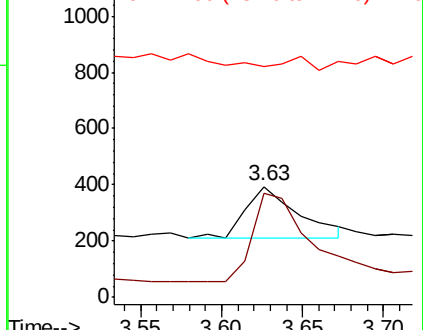
42 100

74 185.6 134.7 202.1

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: 0.331 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

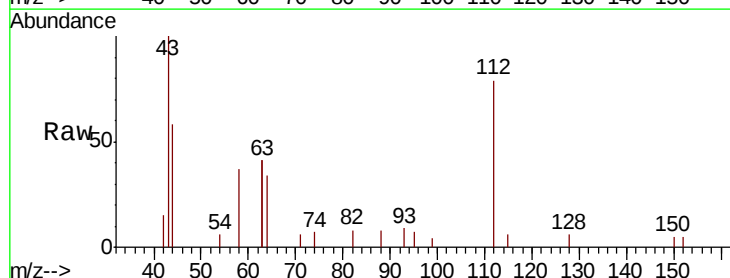
Tgt Ion: 112 Resp: 1488

Ion Ratio Lower Upper

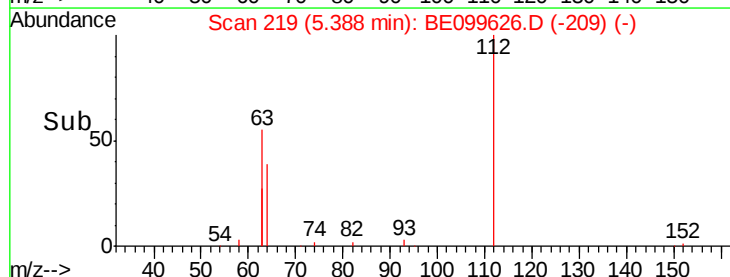
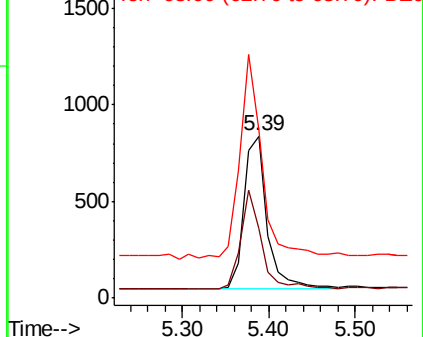
112 100

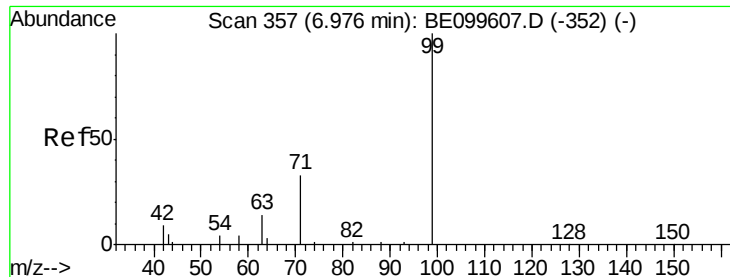
64 57.5 43.7 65.5

63 127.4 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: 0.333 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

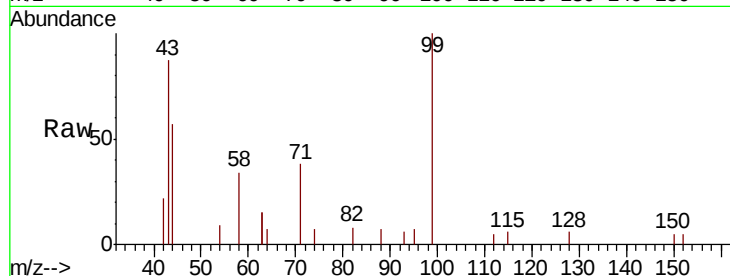
Tgt Ion: 99 Resp: 1900

Ion Ratio Lower Upper

99 100

42 18.9 14.3 21.5

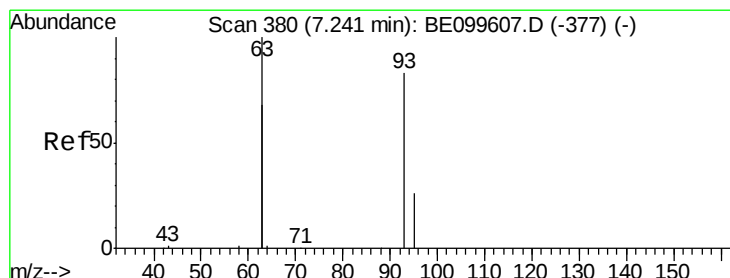
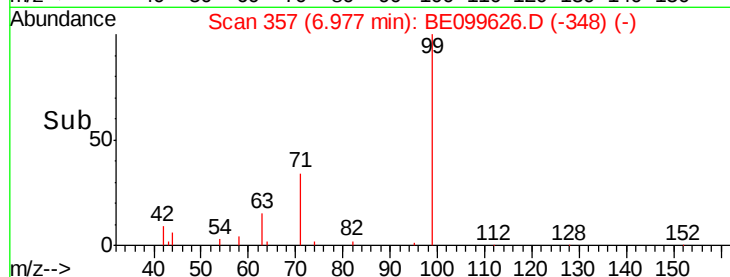
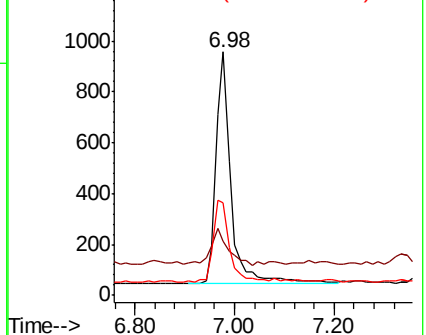
71 38.2 33.1 49.7



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: 0.326 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

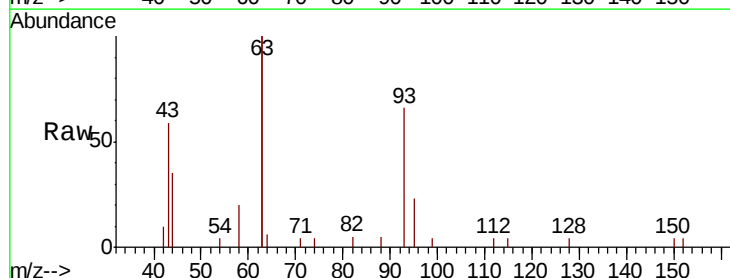
Tgt Ion: 93 Resp: 1566

Ion Ratio Lower Upper

93 100

63 269.2 201.0 301.4

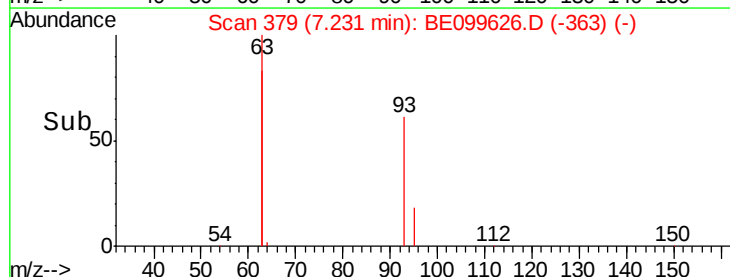
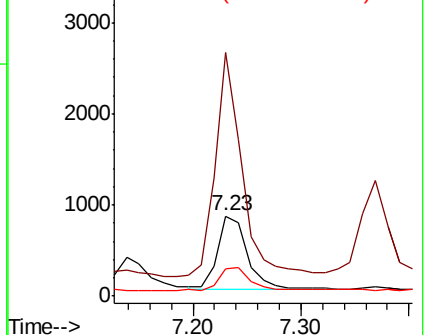
95 33.5 25.0 37.4



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: 10.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

Tgt Ion:136 Resp: 5293

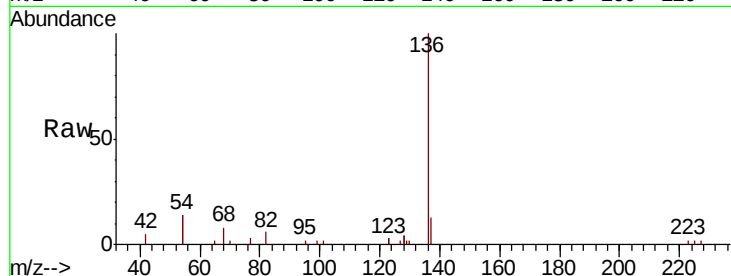
Ion Ratio Lower Upper

136 100

137 13.0 9.7 14.5

54 28.7 23.8 35.8

68 7.5 6.2 9.2

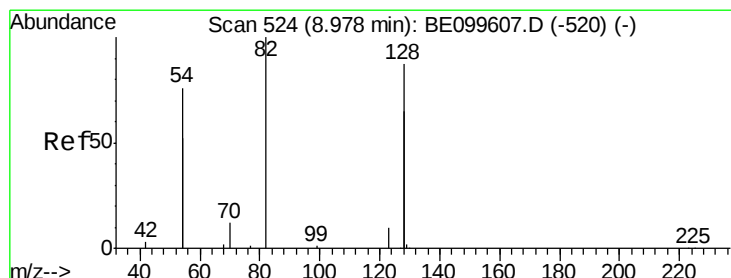
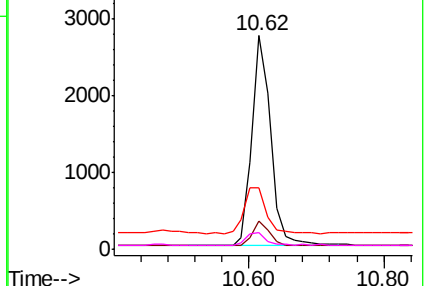
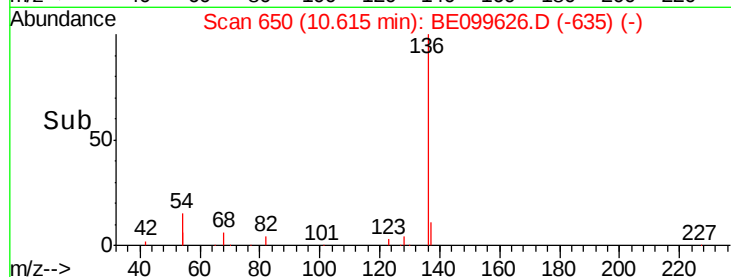


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

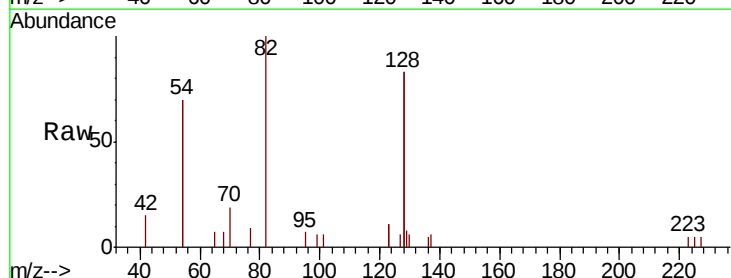
Tgt Ion: 82 Resp: 1709

Ion Ratio Lower Upper

82 100

128 166.0 131.4 197.2

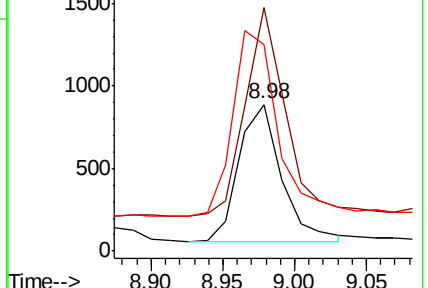
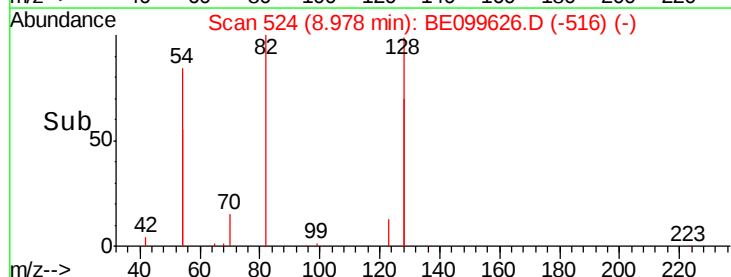
54 140.5 113.9 170.9



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: 0.357 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

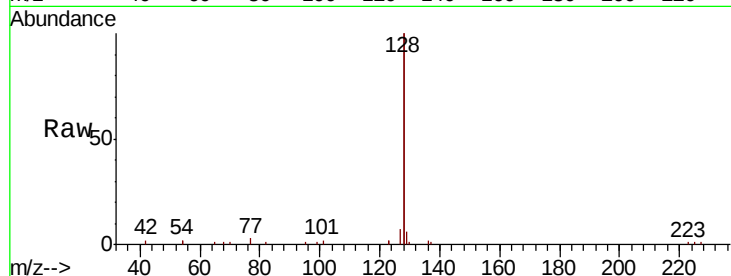
Tgt Ion:128 Resp: 20107

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

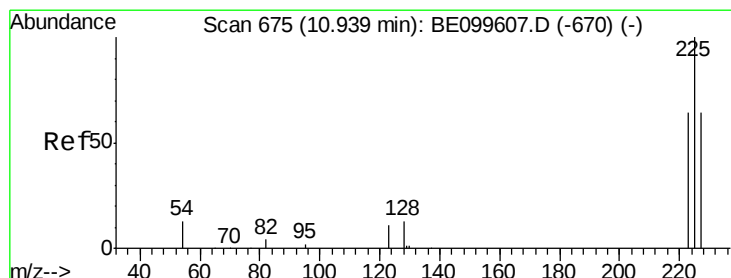
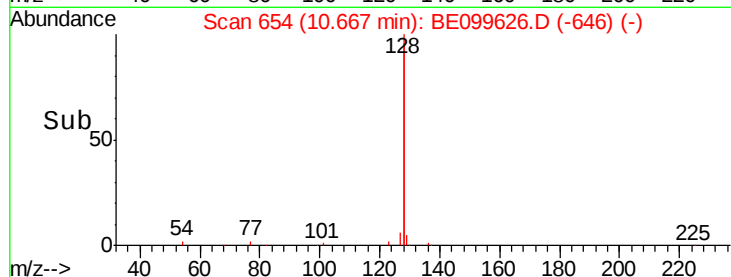
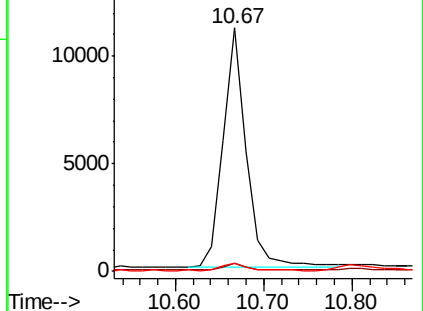
127 3.5 3.0 4.6



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: 0.351 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

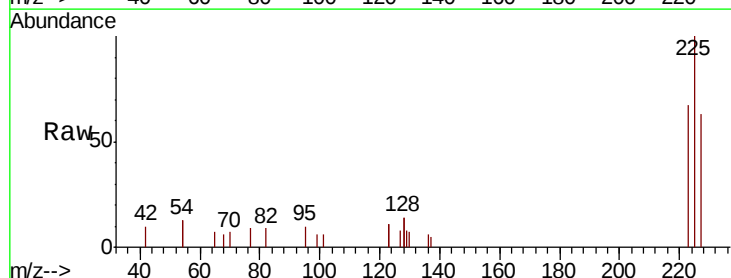
Tgt Ion:225 Resp: 1448

Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

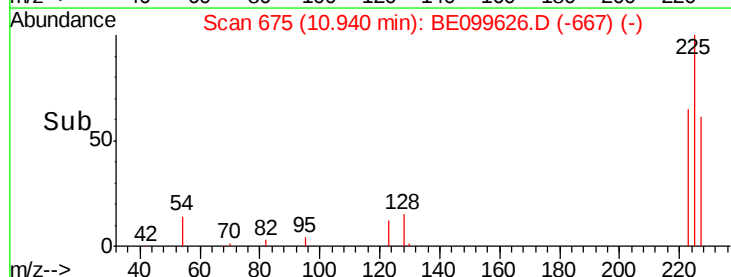
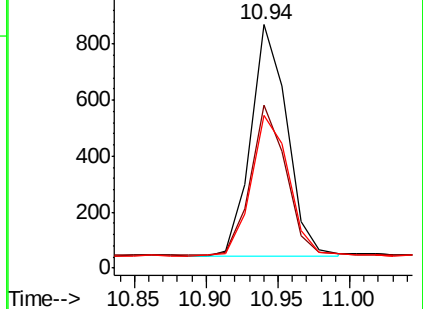
227 63.2 51.2 76.8

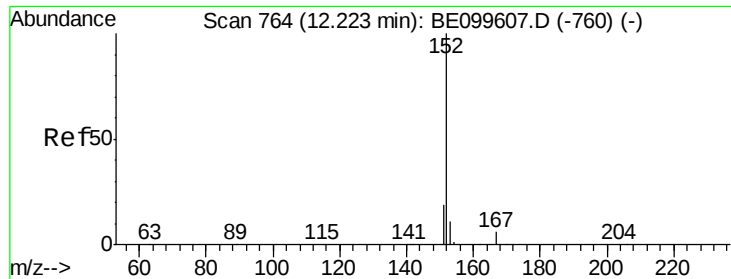


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

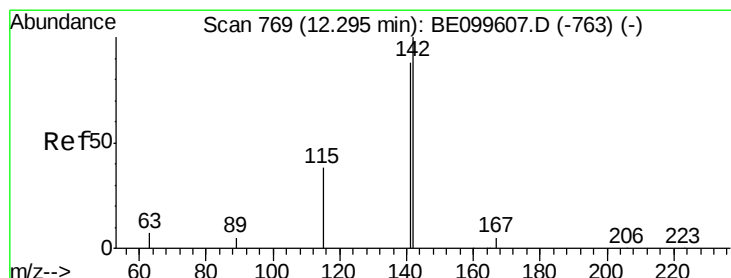
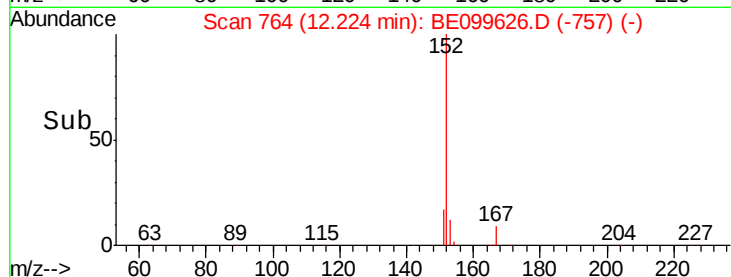
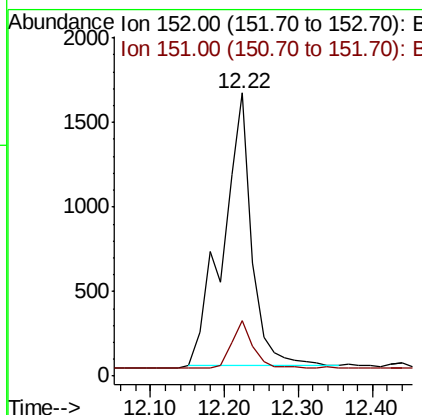
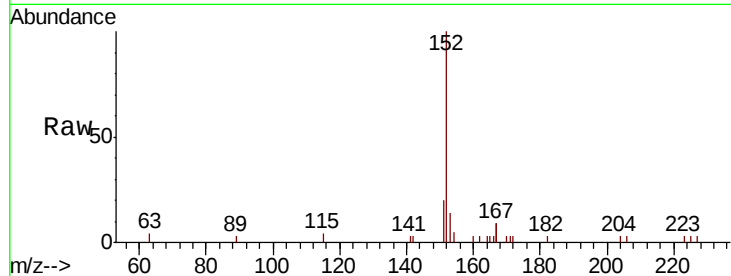




#11
 2-Methylnaphthalene-d10
 Concen: 0.497 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099626.D
 Acq: 16 May 2019 17:15

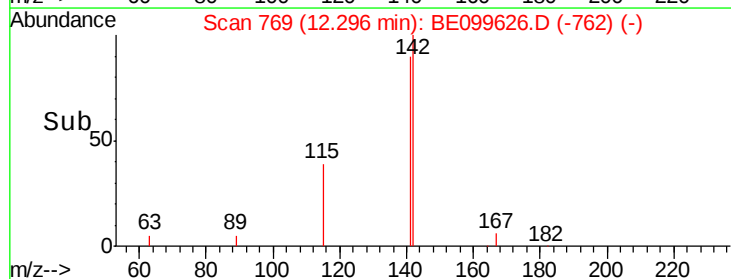
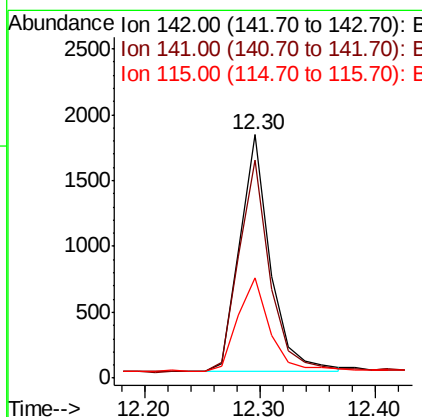
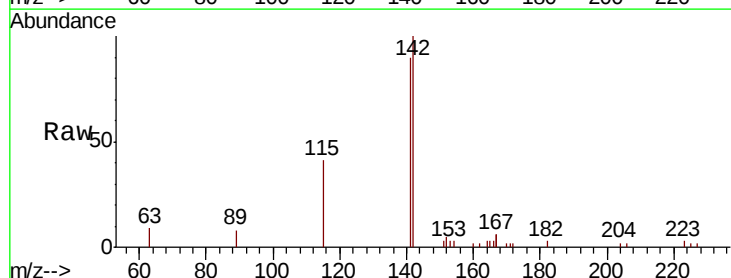
Instrument :
 BNA_E
 ClientSampleId :
 PB119762BSD

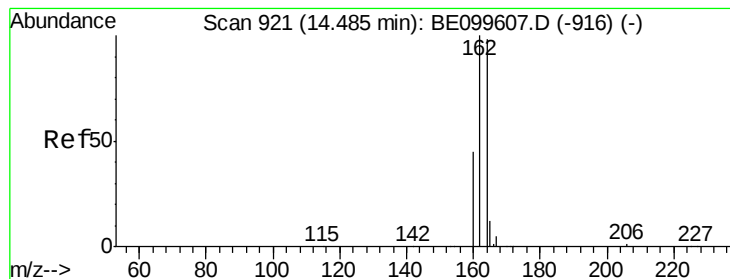
Tgt Ion:152 Resp: 4423
 Ion Ratio Lower Upper
 152 100
 151 13.7 15.3 22.9#



#12
 2-Methylnaphthalene
 Concen: 0.356 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE099626.D
 Acq: 16 May 2019 17:15

Tgt Ion:142 Resp: 3308
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.4 105.6
 115 41.0 32.2 48.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

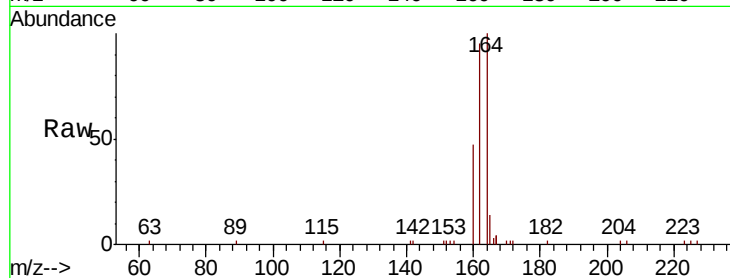
Tgt Ion:164 Resp: 3669

Ion Ratio Lower Upper

164 100

162 94.8 81.4 122.0

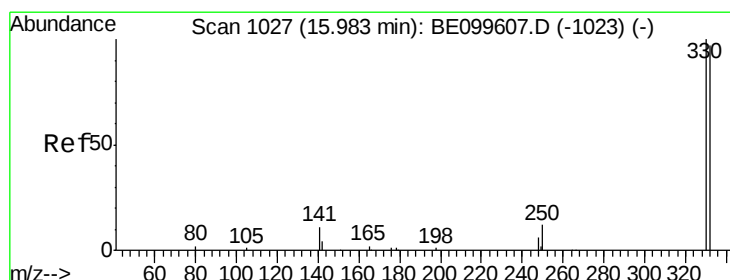
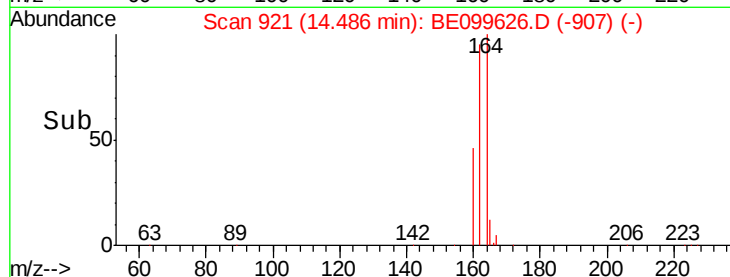
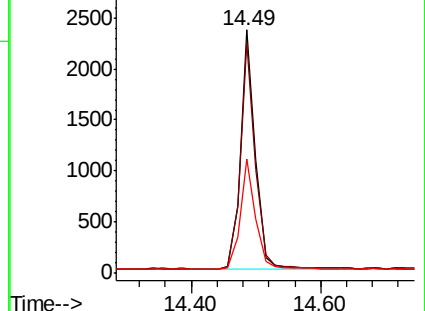
160 46.9 37.4 56.2



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: 0.291 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

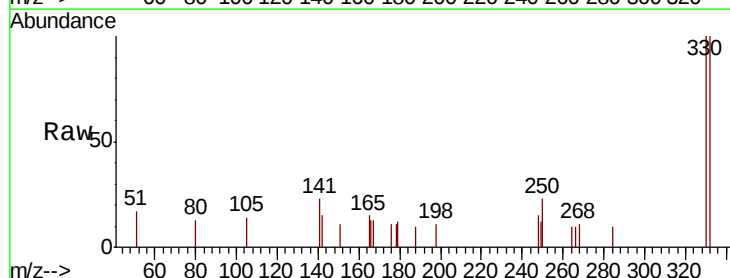
Tgt Ion:330 Resp: 731

Ion Ratio Lower Upper

330 100

332 101.6 73.8 110.8

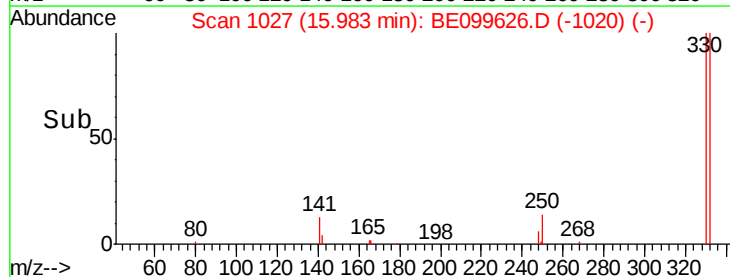
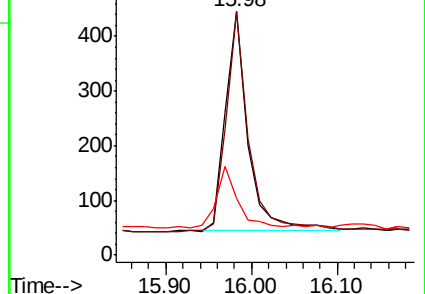
141 25.4 21.0 31.6



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

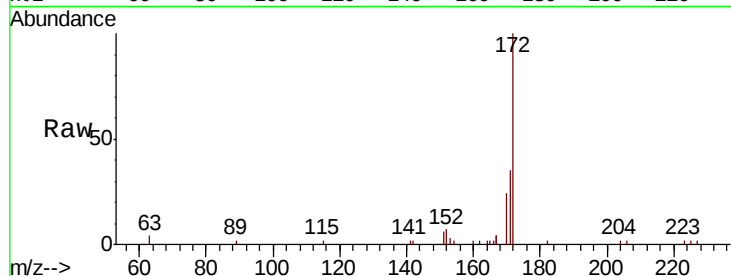




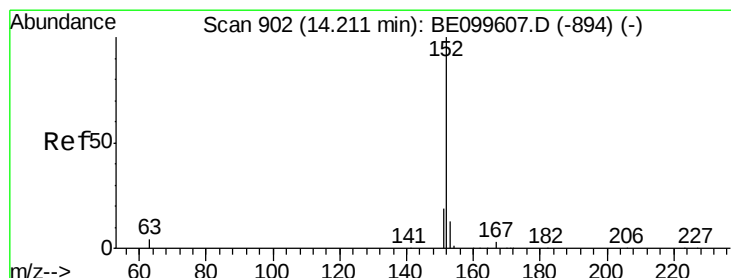
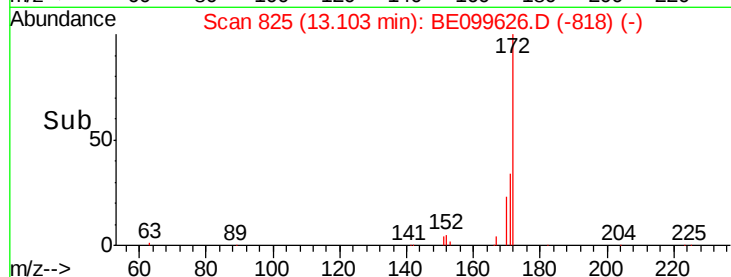
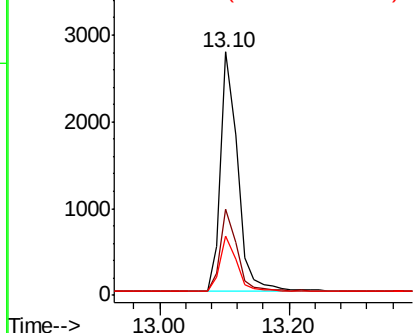
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:172 Resp: 5068
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.2
170 24.2 21.5 32.3

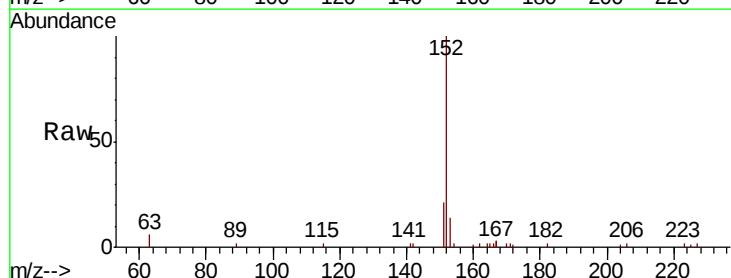


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

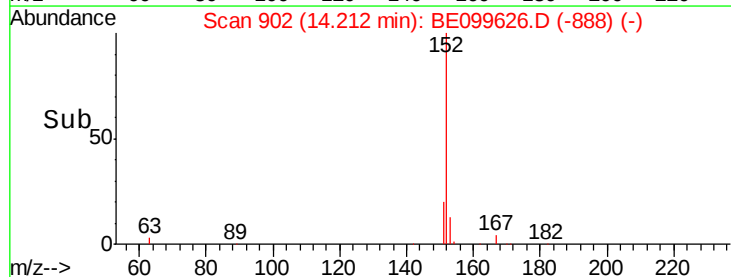
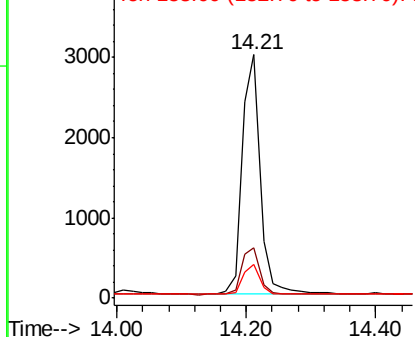


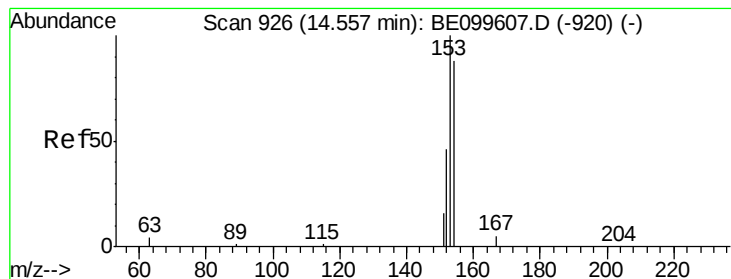
#16
Acenaphthylene
Concen: 0.332 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:152 Resp: 5745
Ion Ratio Lower Upper
152 100
151 20.3 15.6 23.4
153 12.0 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: 0.347 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

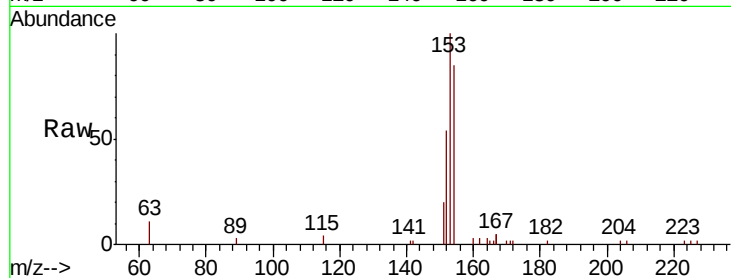
Tgt Ion:154 Resp: 3398

Ion Ratio Lower Upper

154 100

153 115.8 94.1 141.1

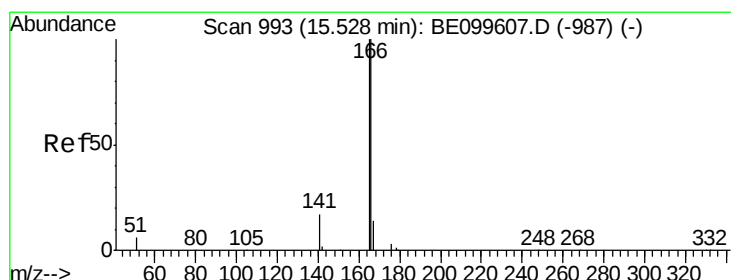
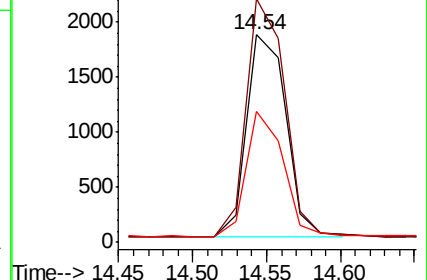
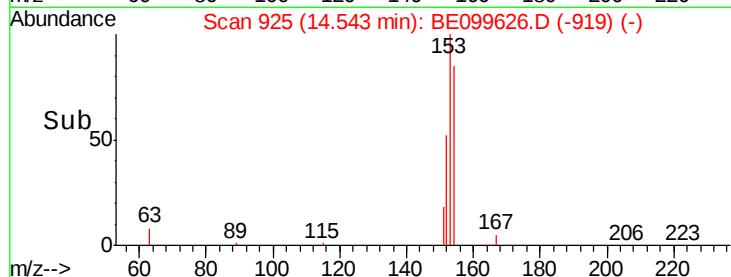
152 58.2 46.5 69.7



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: 0.345 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

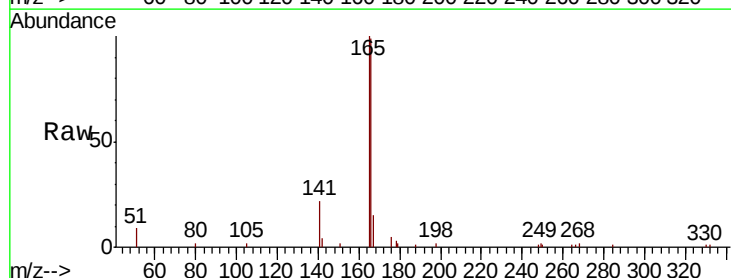
Tgt Ion:166 Resp: 4840

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

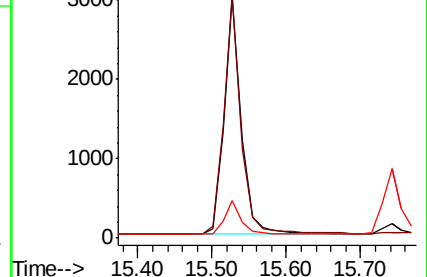
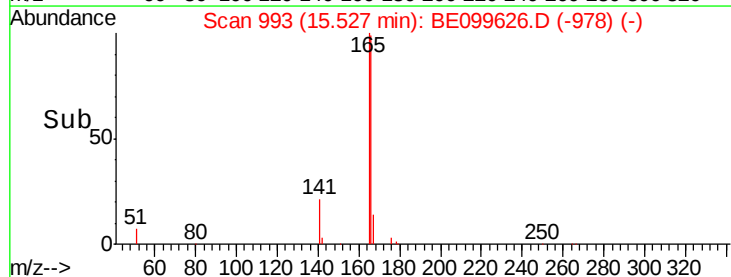
167 13.3 11.2 16.8

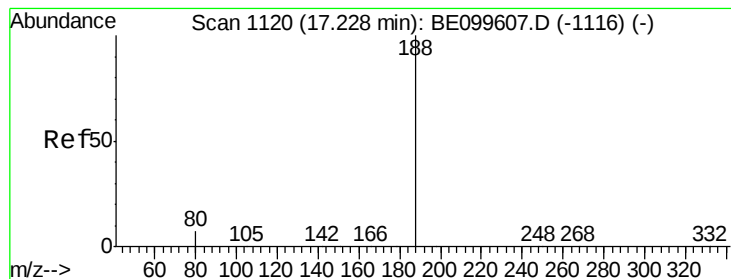


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

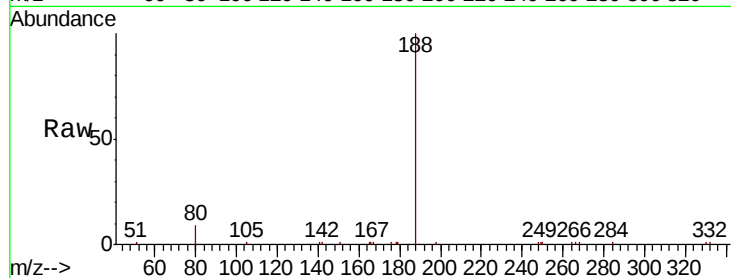
Tgt Ion:188 Resp: 10819

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

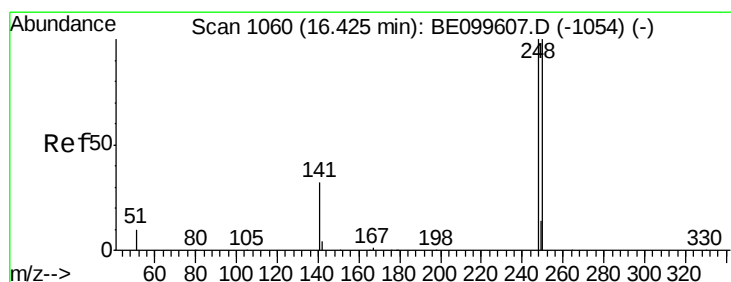
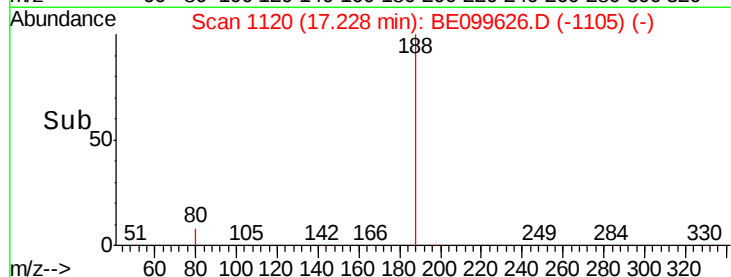
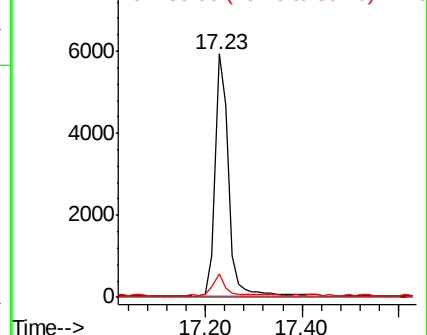
80 9.4 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.336 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

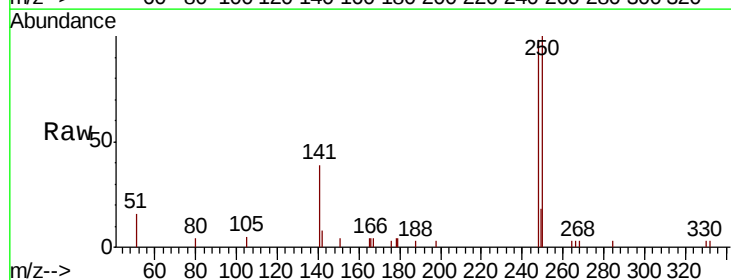
Tgt Ion:248 Resp: 2097

Ion Ratio Lower Upper

248 100

250 101.7 80.4 120.6

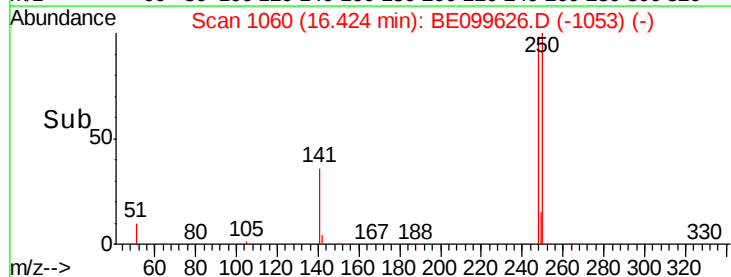
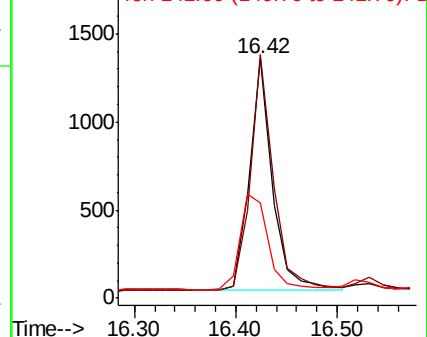
141 39.6 27.8 41.8

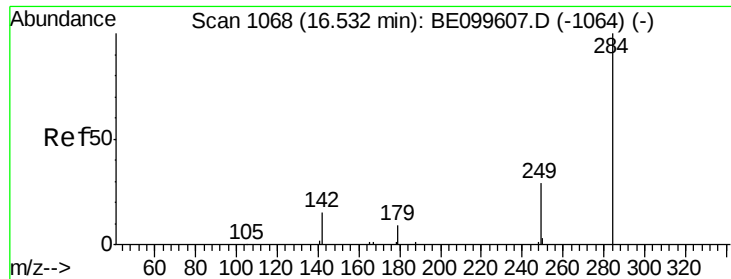


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.364 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

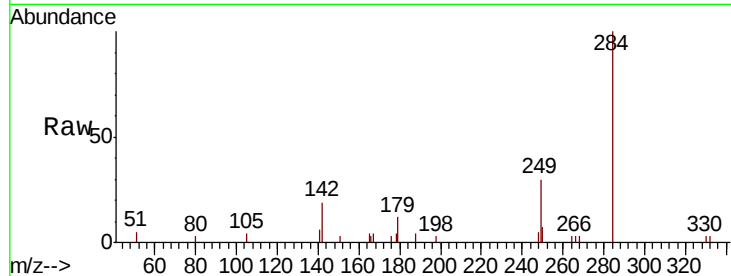
Tgt Ion:284 Resp: 2232

Ion Ratio Lower Upper

284 100

142 24.0 19.4 29.2

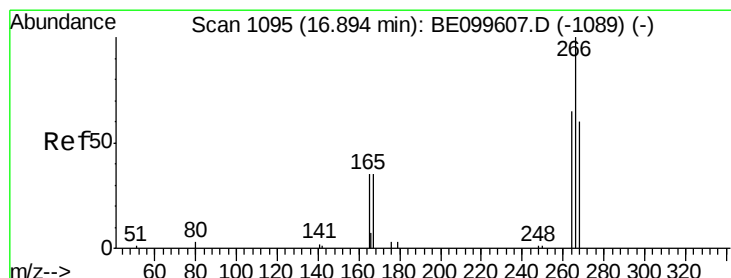
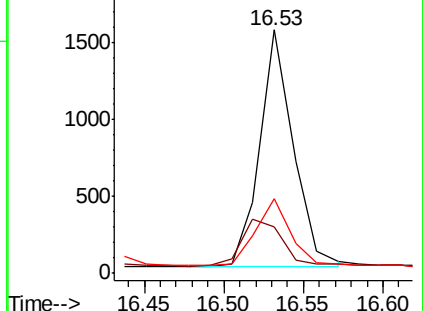
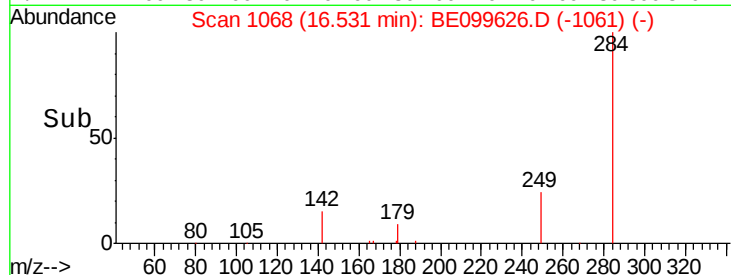
249 28.5 24.6 37.0



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: 0.470 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

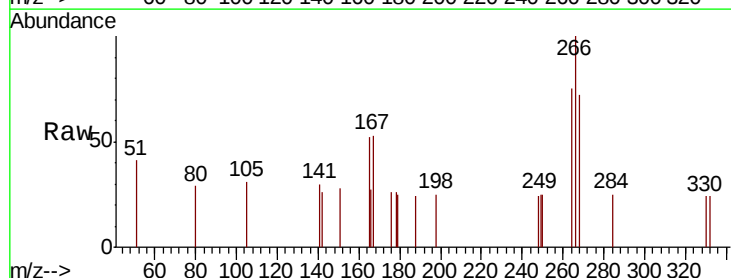
Tgt Ion:266 Resp: 694

Ion Ratio Lower Upper

266 100

264 74.6 57.7 86.5

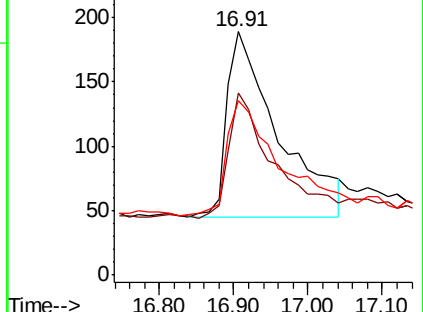
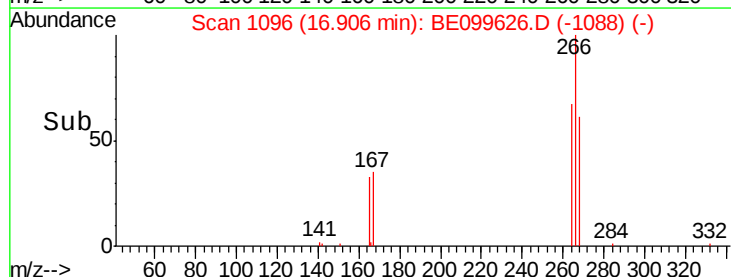
268 72.0 55.8 83.8



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: 0.357 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

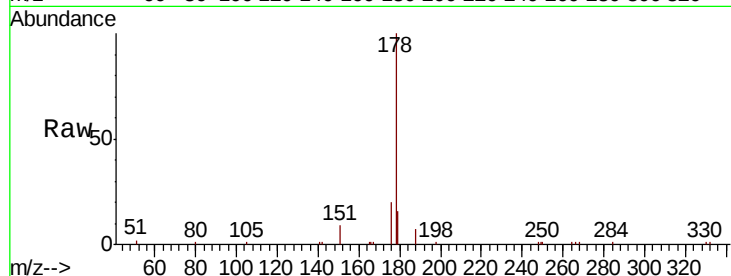
Tgt Ion:178 Resp: 9586

Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

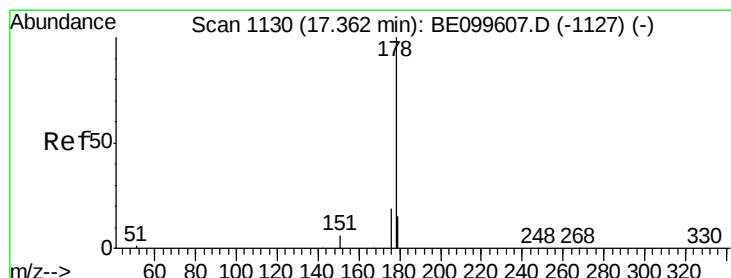
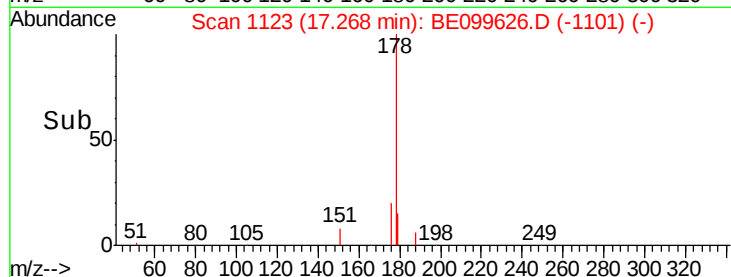
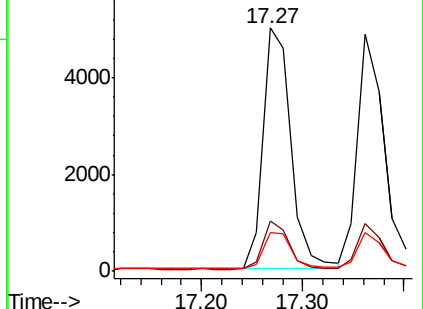
179 16.0 12.2 18.2



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: 0.344 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

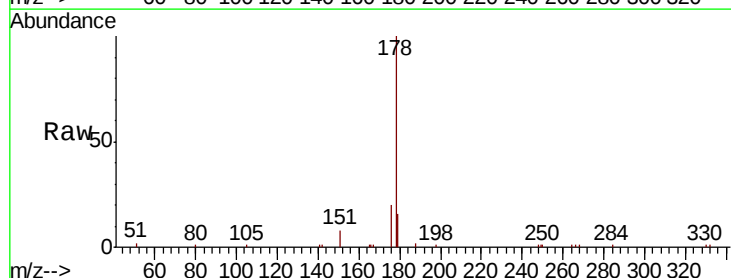
Tgt Ion:178 Resp: 8513

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

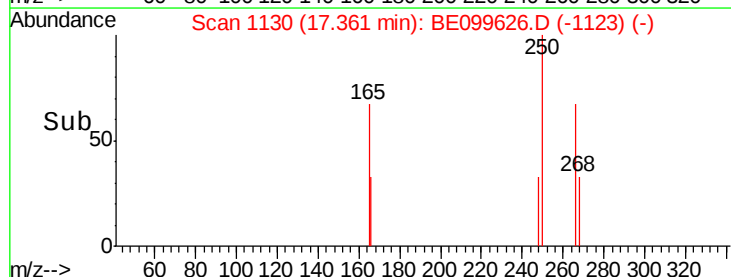
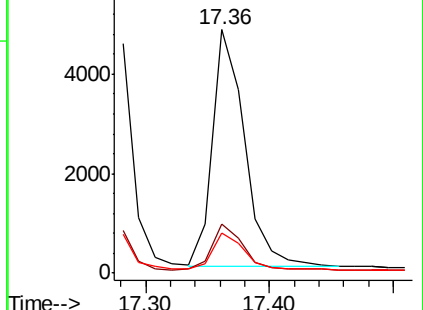
179 15.4 12.1 18.1



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: 0.366 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

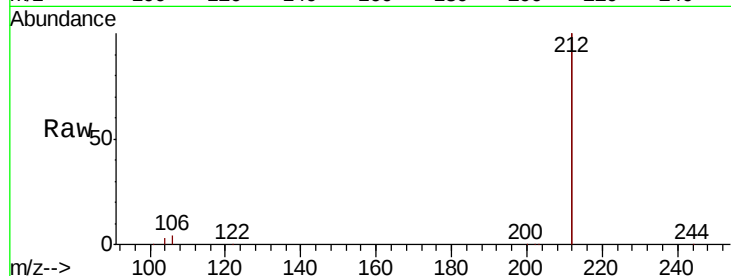
Tgt Ion:212 Resp: 52629

Ion Ratio Lower Upper

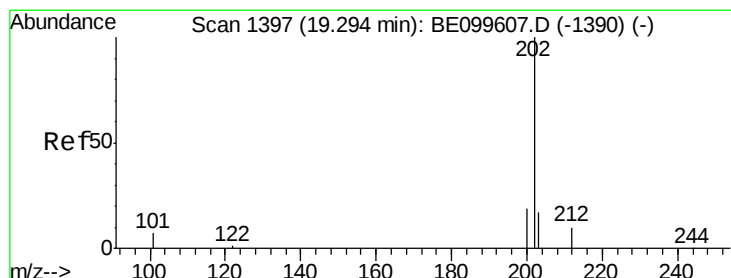
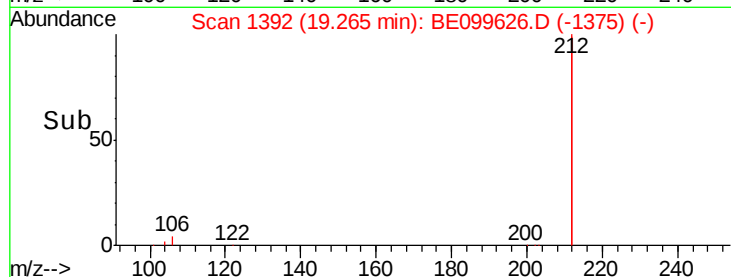
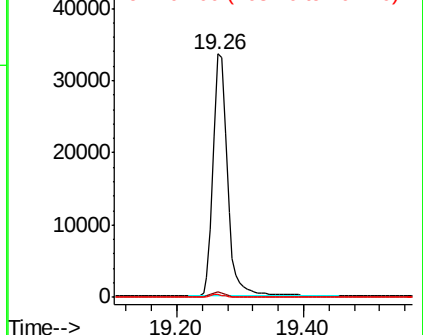
212 100

106 1.8 1.4 2.2

104 1.0 0.9 1.3



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



#26

Fluoranthene

Concen: 0.365 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

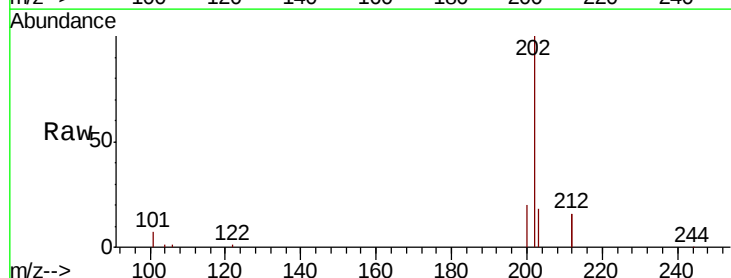
Tgt Ion:202 Resp: 14849

Ion Ratio Lower Upper

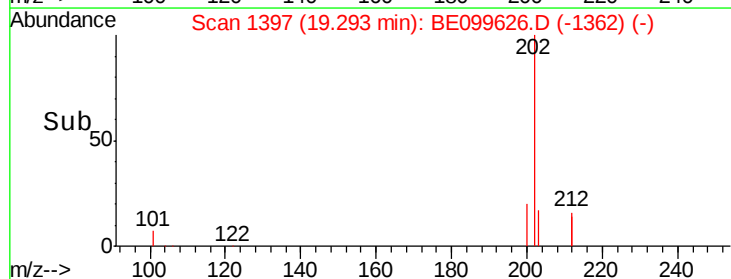
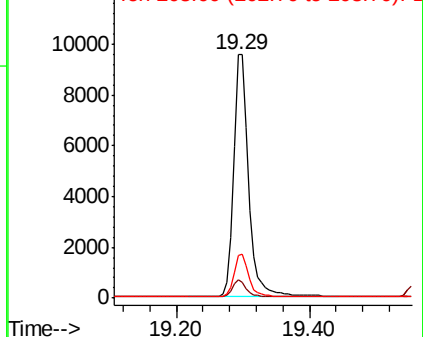
202 100

101 6.5 5.0 7.6

203 17.4 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

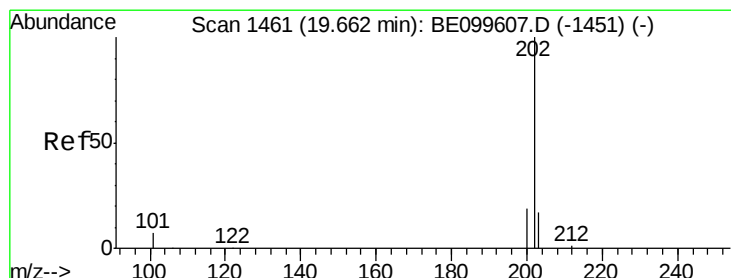
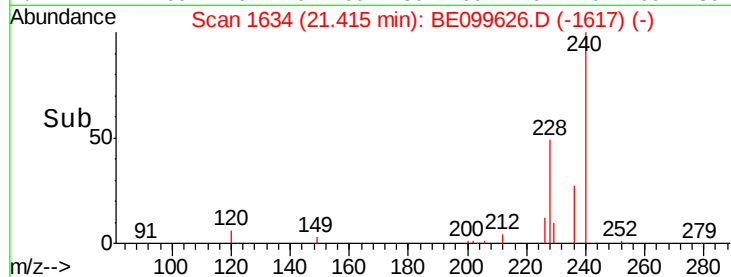
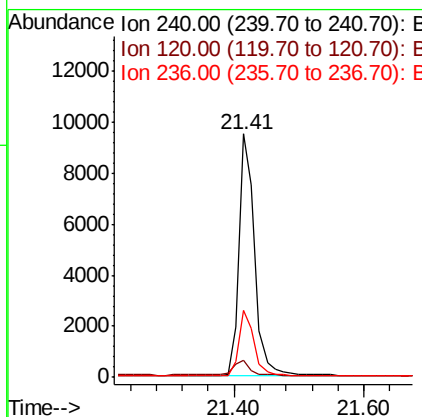
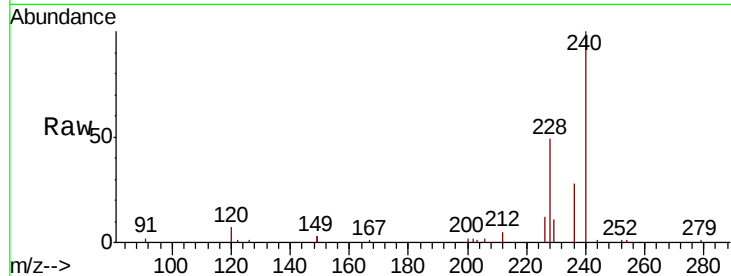




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099626.D
 Acq: 16 May 2019 17:15

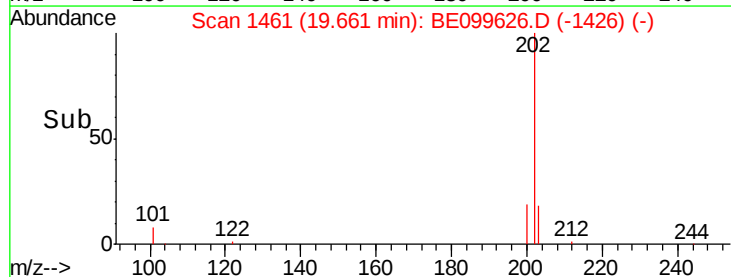
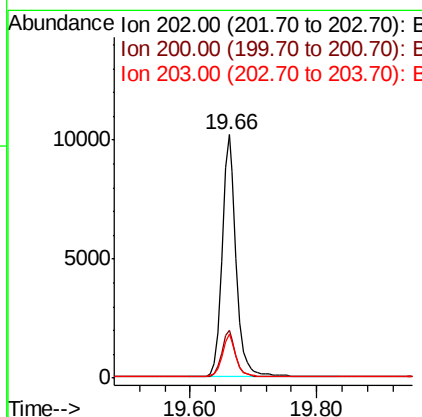
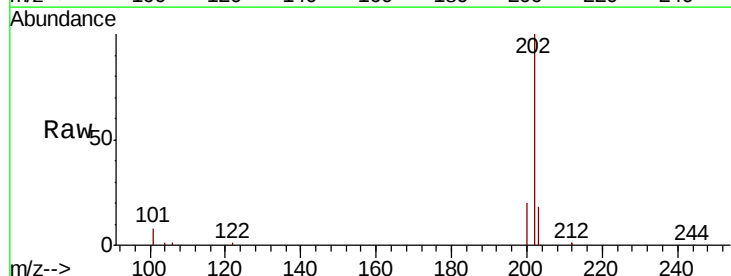
Instrument :
 BNA_E
 ClientSampleId :
 PB119762BSD

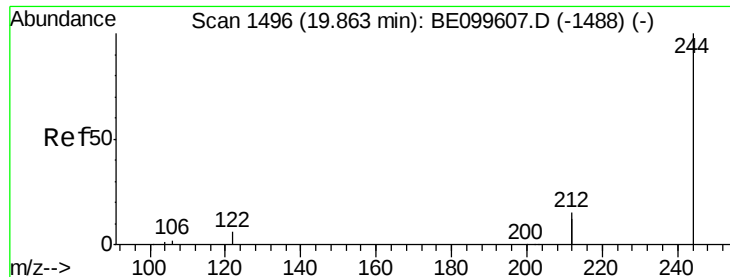
Tgt Ion:240 Resp: 16097
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.7 8.5
 236 27.6 22.8 34.2



#28
 Pyrene
 Concen: 0.384 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BE099626.D
 Acq: 16 May 2019 17:15

Tgt Ion:202 Resp: 15738
 Ion Ratio Lower Upper
 202 100
 200 19.1 15.8 23.6
 203 17.9 14.1 21.1





#29

Terphenyl-d14

Concen: 0.368 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

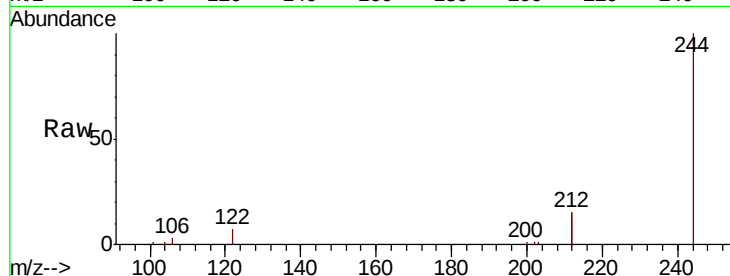
Tgt Ion:244 Resp: 10666

Ion Ratio Lower Upper

244 100

212 30.5 23.8 35.6

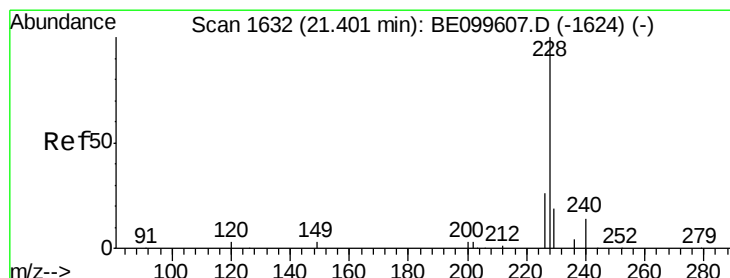
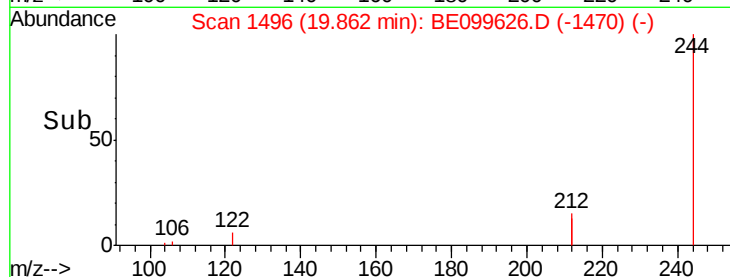
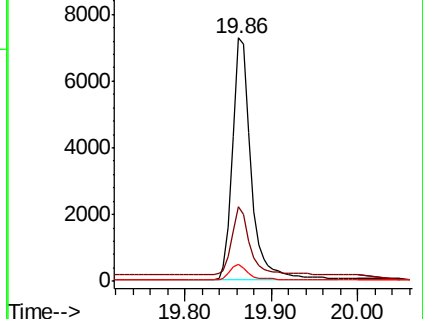
122 6.9 5.0 7.6



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: 0.357 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

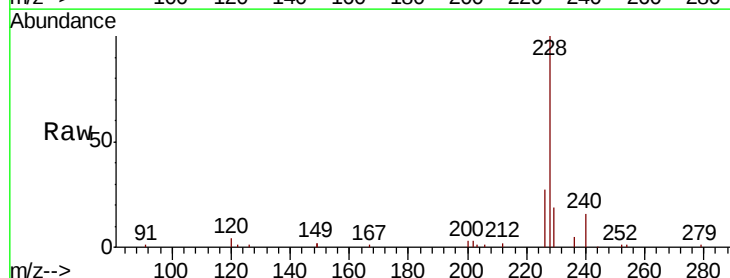
Tgt Ion:228 Resp: 17384

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

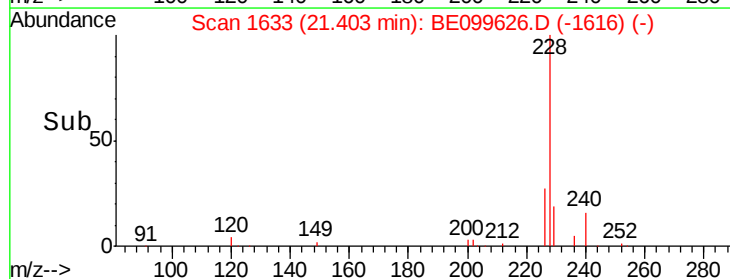
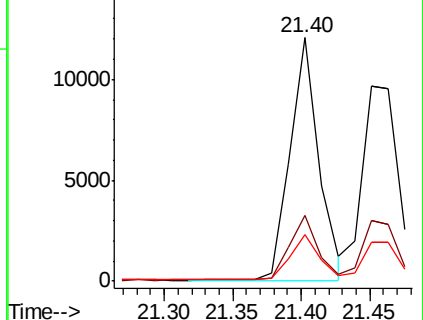
229 19.3 15.8 23.8

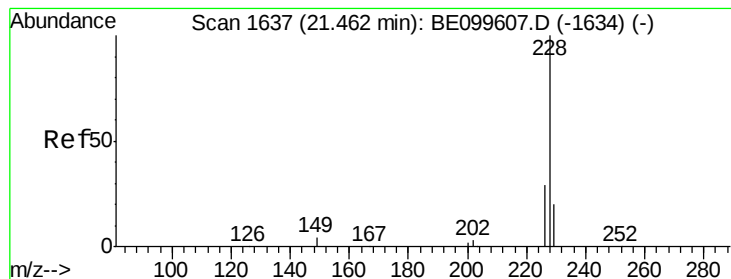


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.353 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

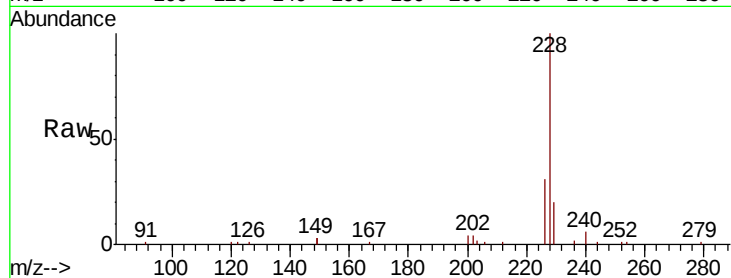
Tgt Ion:228 Resp: 17697

Ion Ratio Lower Upper

228 100

226 31.2 23.0 34.4

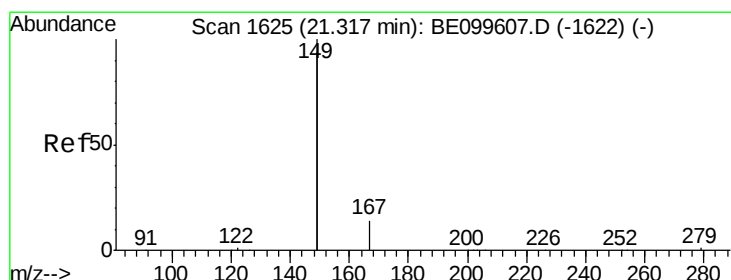
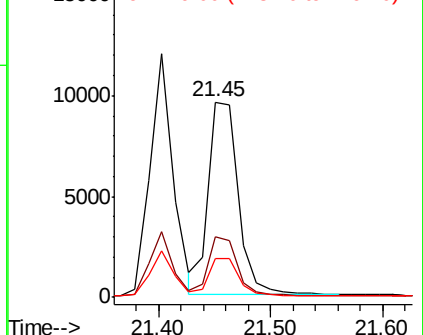
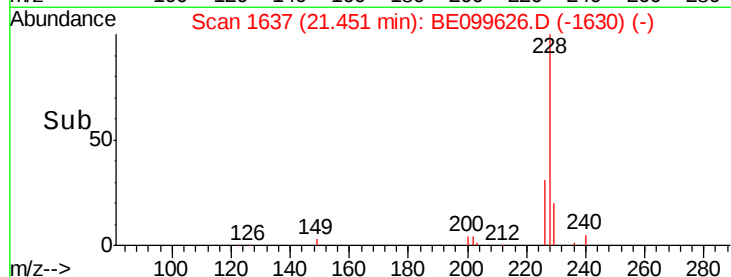
229 20.0 16.4 24.6



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: 0.331 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

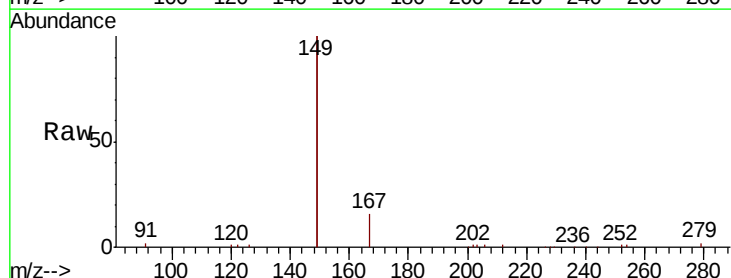
Tgt Ion:149 Resp: 24812

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

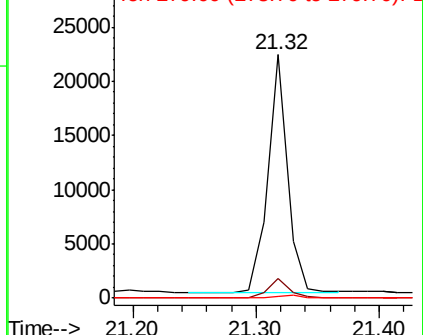
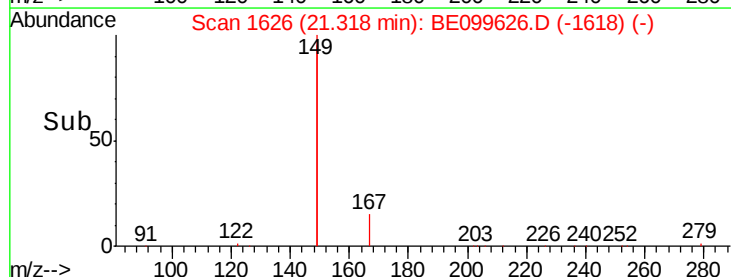
279 1.4 1.1 1.7

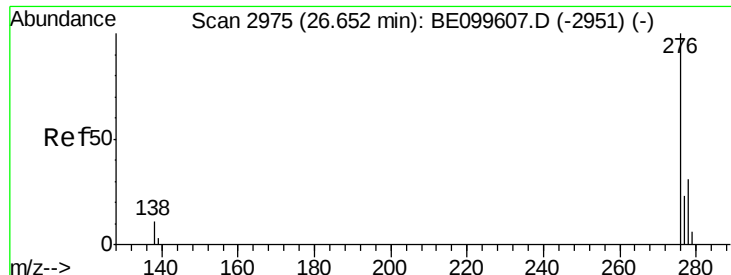


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.335 ng

RT: 26.66 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

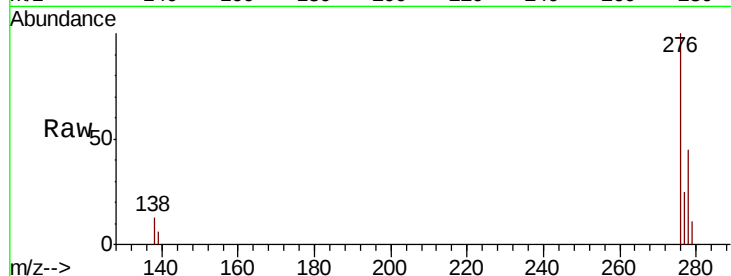
Tgt Ion:276 Resp: 20885

Ion Ratio Lower Upper

276 100

138 12.7 10.0 15.0

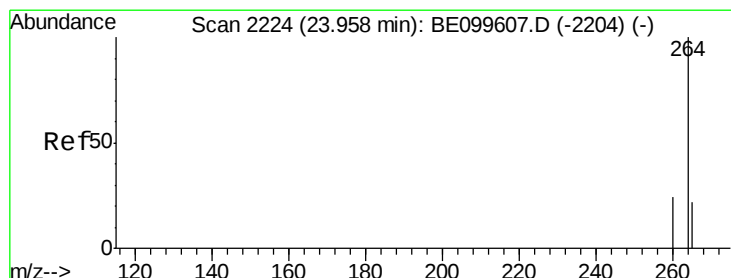
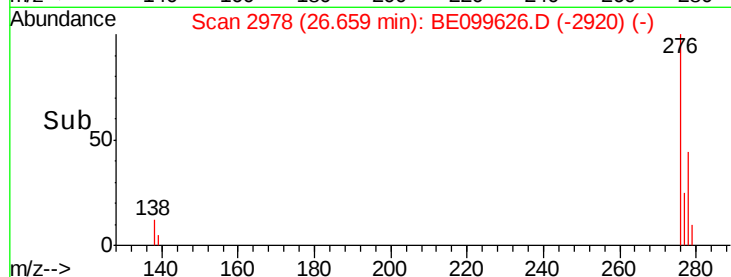
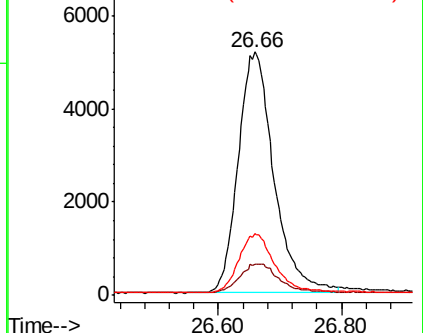
277 24.6 19.1 28.7



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: 23.96 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

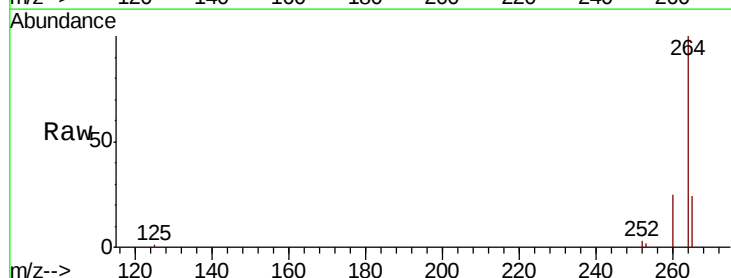
Tgt Ion:264 Resp: 17224

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

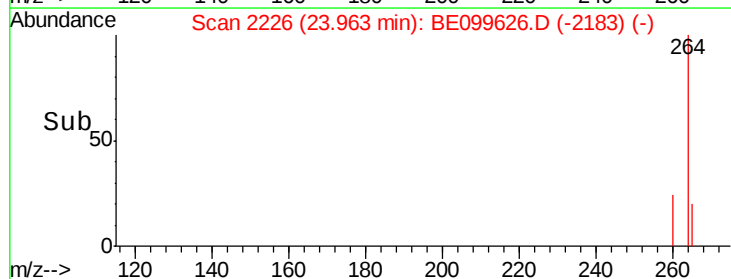
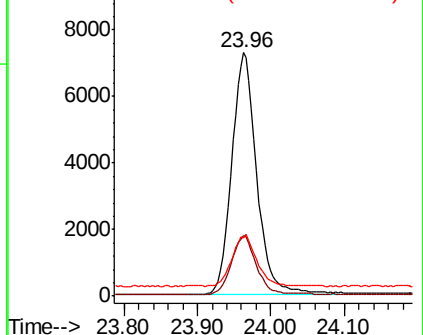
265 24.0 21.2 31.8



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: 0.355 ng

RT: 23.18 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

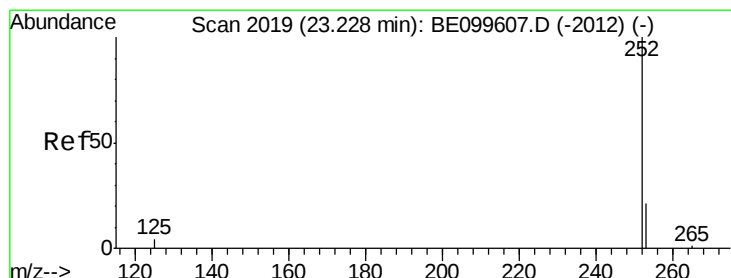
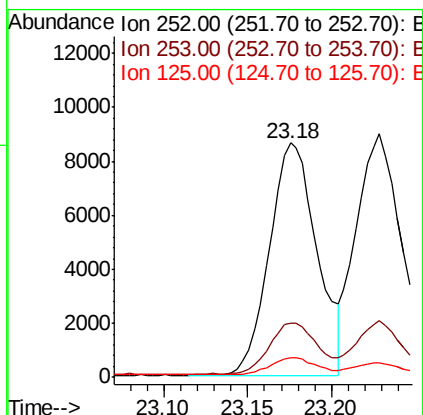
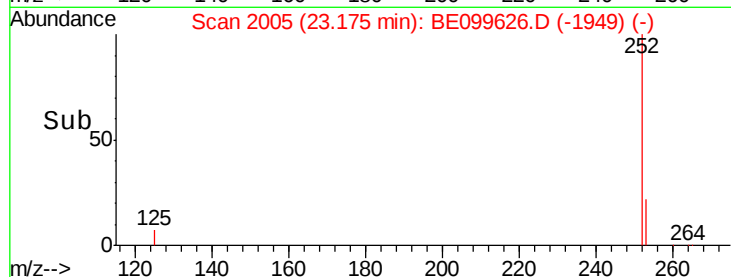
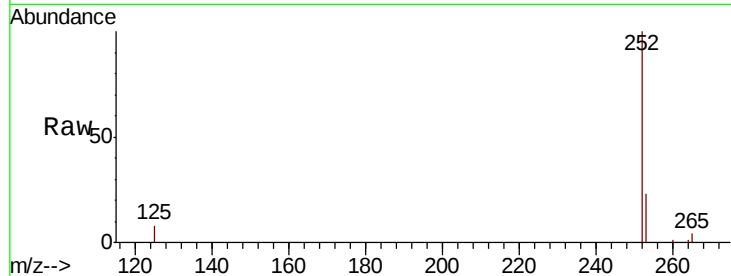
Tgt Ion:252 Resp: 17078

Ion Ratio Lower Upper

252 100

253 23.0 19.1 28.7

125 8.3 7.8 11.8



#36

Benzo(k)fluoranthene

Concen: 0.377 ng

RT: 23.23 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

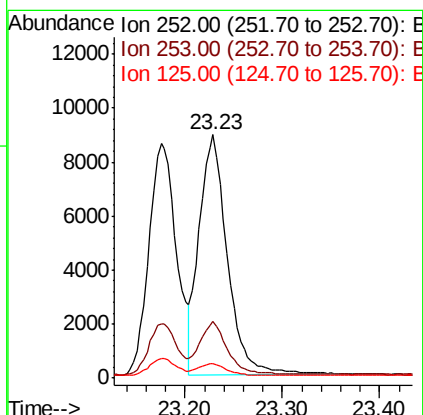
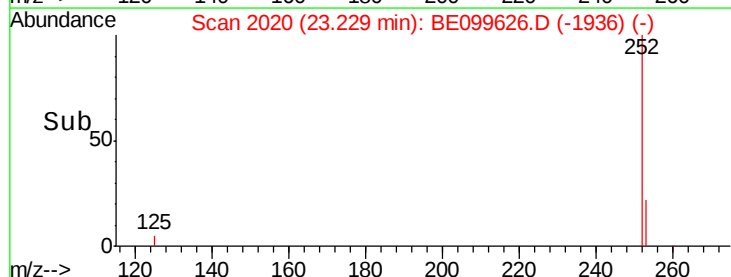
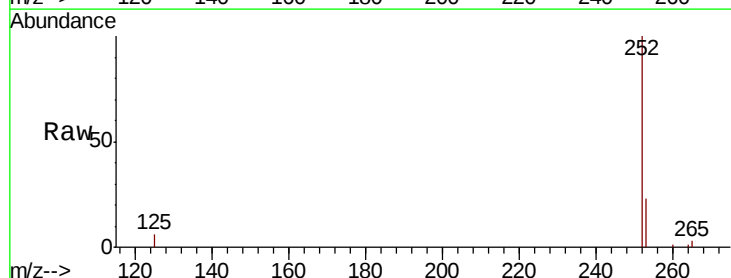
Tgt Ion:252 Resp: 17913

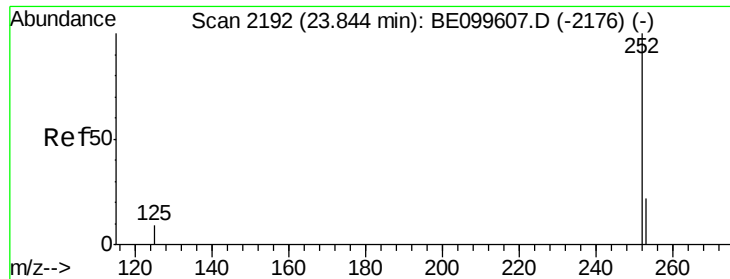
Ion Ratio Lower Upper

252 100

253 23.2 18.6 28.0

125 6.0 5.2 7.8





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.85 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

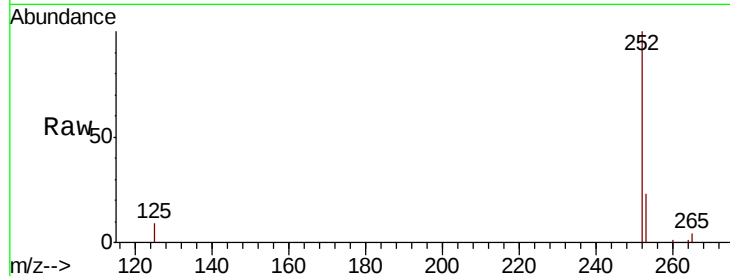
Tgt Ion:252 Resp: 16885

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.6

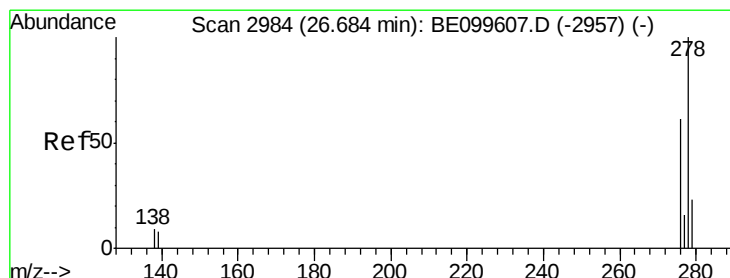
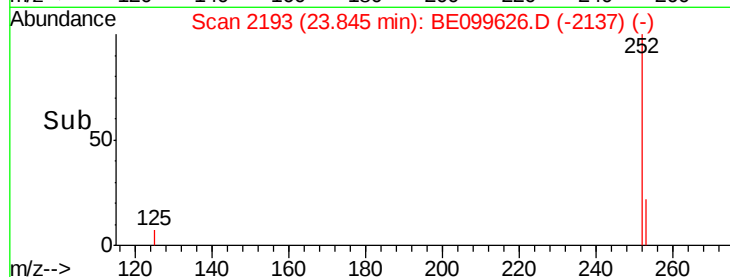
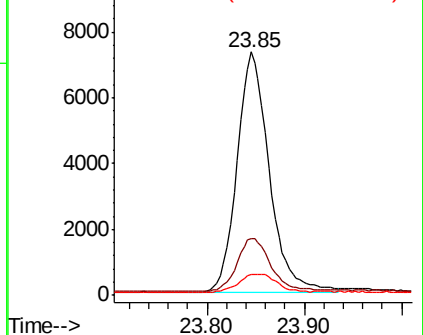
125 8.8 8.8 13.2#



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: 0.360 ng

RT: 26.68 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

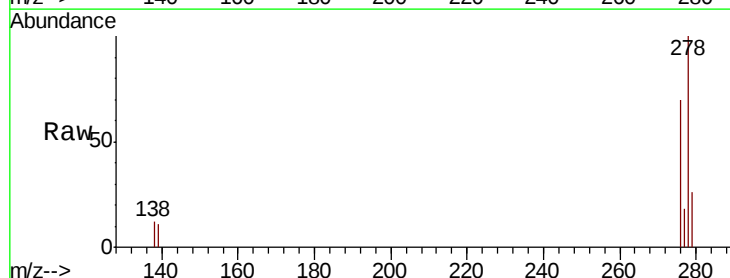
Tgt Ion:278 Resp: 17434

Ion Ratio Lower Upper

278 100

139 10.8 7.9 11.9

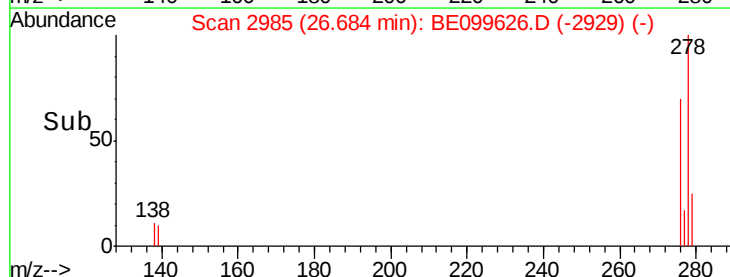
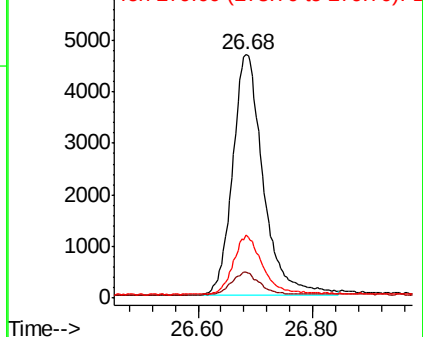
279 25.9 19.5 29.3



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: 0.369 ng

RT: 27.49 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE099626.D

Acq: 16 May 2019 17:15

Instrument :

BNA_E

ClientSampleId :

PB119762BSD

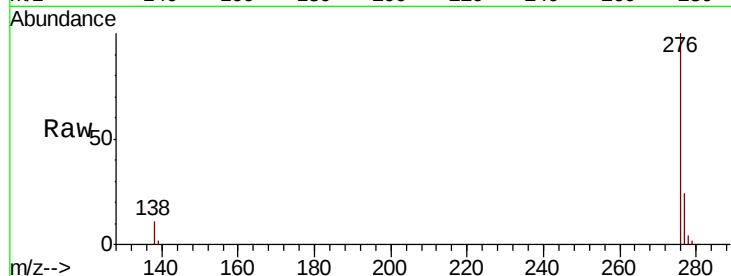
Tgt Ion: 276 Resp: 17975

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 11.5 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

