

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051419\
 Data File : BE099611.D
 Acq On : 14 May 2019 18:55
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 14 19:28:25 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 19:05:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1553	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5321	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	3547	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9798	0.40	ng	0.00
27) Chrysene-d12	21.42	240	16186	0.40	ng	0.00
34) Perylene-d12	23.96	264	17412	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	22061	5.19	ng	0.00
5) Phenol-d6	6.97	99	29669	5.32	ng	0.00
8) Nitrobenzene-d5	8.96	82	28626	5.73	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	46475	5.22	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	13322	6.33	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	70616	5.14	ng	0.00
25) Fluoranthene-d10	19.26	212	694020	5.39	ng	0.00
29) Terphenyl-d14	19.86	244	146788	5.10	ng	0.00

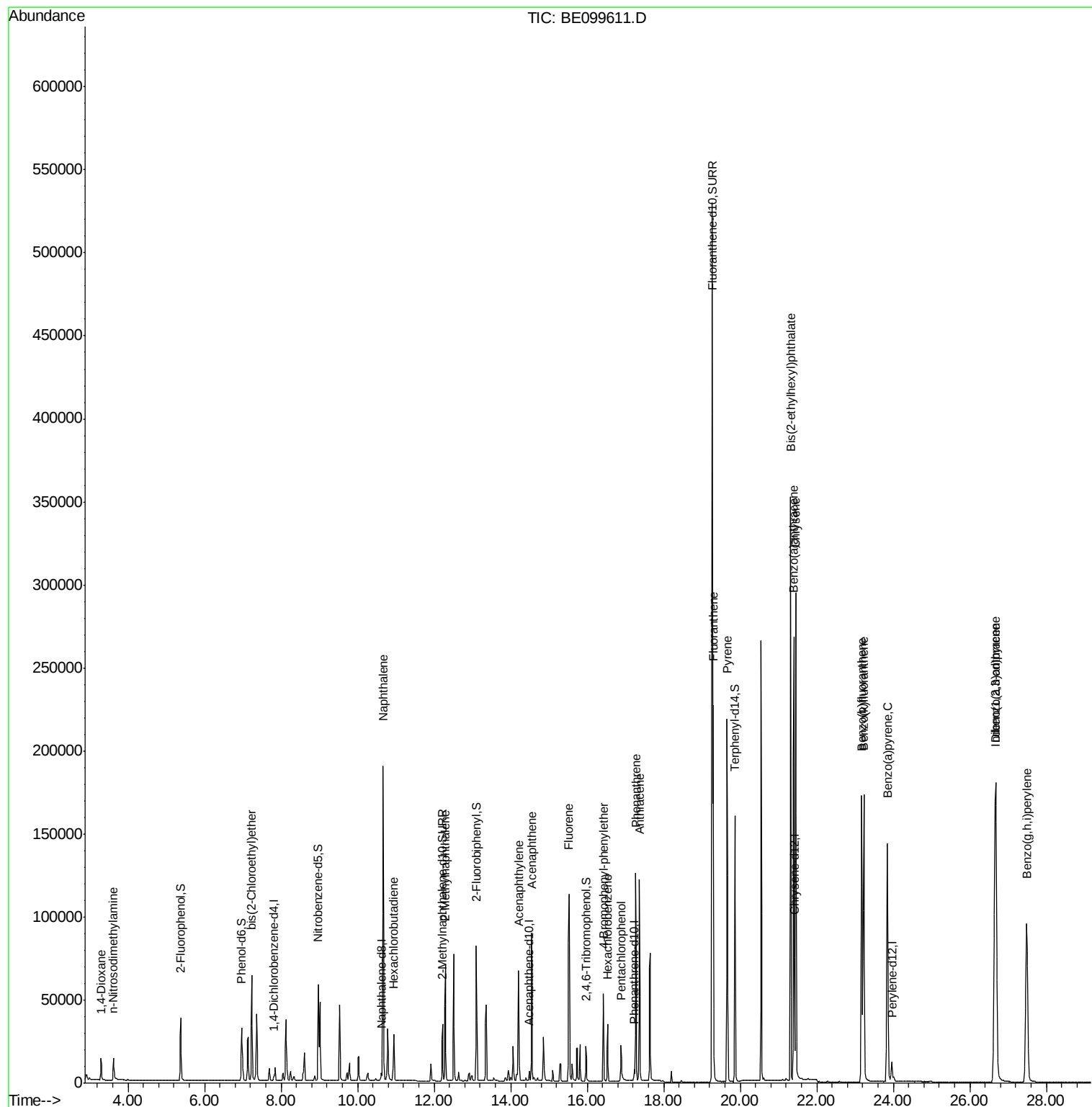
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	10539	4.815	ng	88
3) n-Nitrosodimethylamine	3.61	42	7711	5.689	ng	# 97
6) bis(2-Chloroethyl)ether	7.23	93	23978	5.170	ng	90
9) Naphthalene	10.67	128	291136	5.135	ng	98
10) Hexachlorobutadiene	10.94	225	20946	5.118	ng	99
12) 2-Methylnaphthalene	12.30	142	49390	5.333	ng	98
16) Acenaphthylene	14.21	152	90590	5.276	ng	100
17) Acenaphthene	14.54	154	50010	5.216	ng	98
18) Fluorene	15.53	166	70746	5.171	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	30444	5.447	ng	# 96
21) Hexachlorobenzene	16.53	284	28811	5.134	ng	98
22) Pentachlorophenol	16.88	266	15704	6.999	ng	91
23) Phenanthrene	17.27	178	127659	5.249	ng	99
24) Anthracene	17.36	178	123840	5.423	ng	100
26) Fluoranthene	19.29	202	197850	5.406	ng	99
28) Pyrene	19.66	202	204620	4.797	ng	100
30) Benzo(a)anthracene	21.40	228	253883	5.137	ng	99
31) Chrysene	21.45	228	254462	5.150	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	365728	5.149	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	320735	5.202	ng	99
35) Benzo(b)fluoranthene	23.17	252	254088	5.282	ng	# 93
36) Benzo(k)fluoranthene	23.23	252	259037	5.418	ng	# 97
37) Benzo(a)pyrene	23.84	252	245601	5.270	ng	# 93
38) Dibenzo(a,h)anthracene	26.68	278	265611	5.452	ng	# 97
39) Benzo(g,h,i)perylene	27.49	276	261404	5.301	ng	99

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

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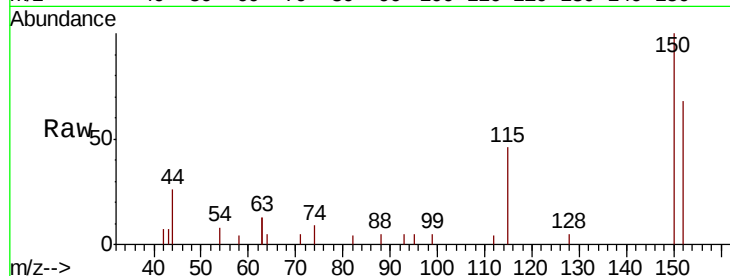


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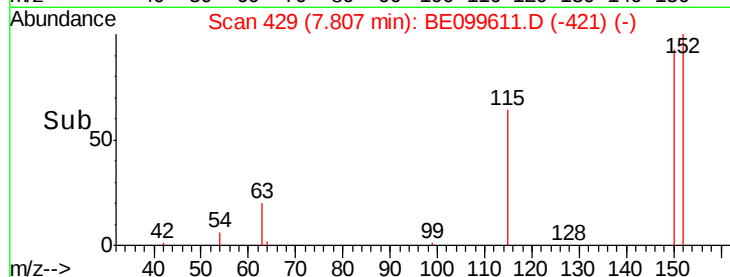
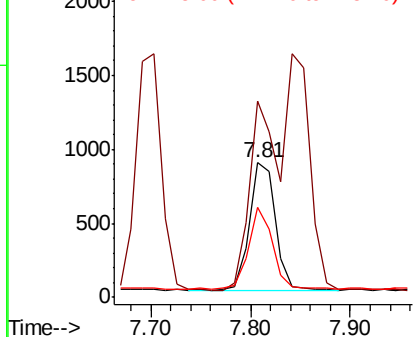
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1553
Ion Ratio Lower Upper
152 100
150 146.4 110.1 165.1
115 67.3 46.2 69.4



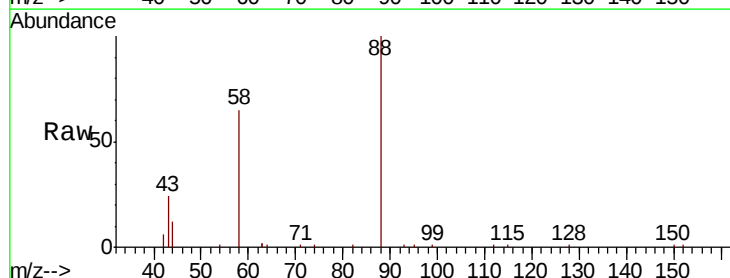
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



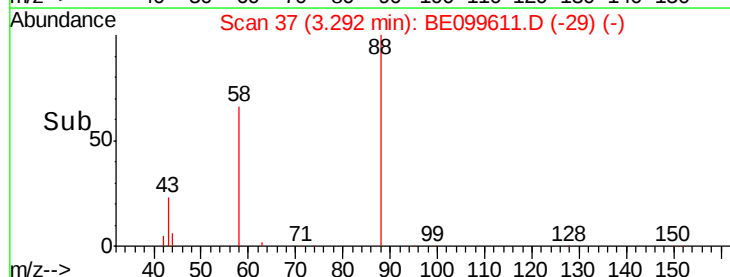
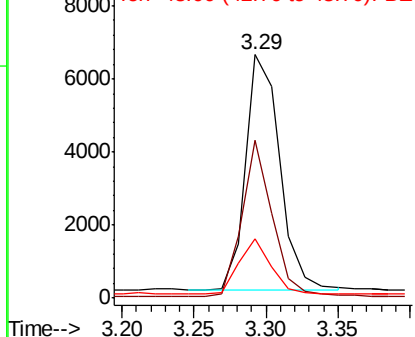
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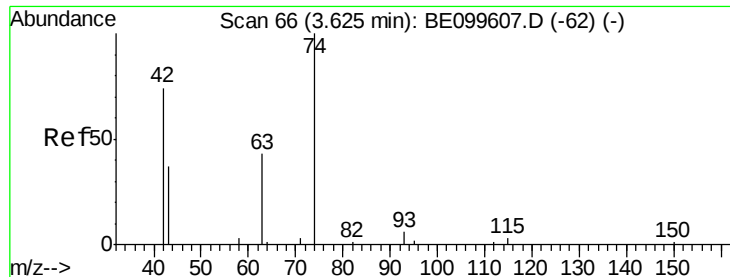
1,4-Dioxane
Concen: 4.815 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Tgt Ion: 88 Resp: 10539
Ion Ratio Lower Upper
88 100
58 58.6 39.8 59.6
43 21.6 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



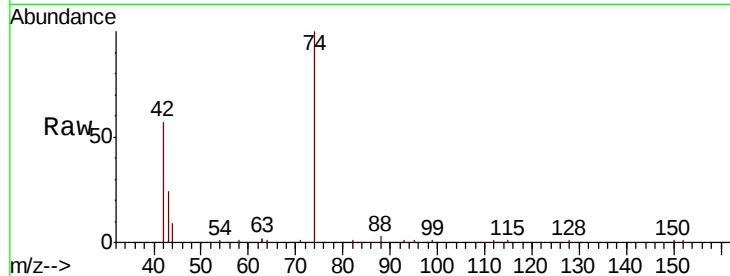


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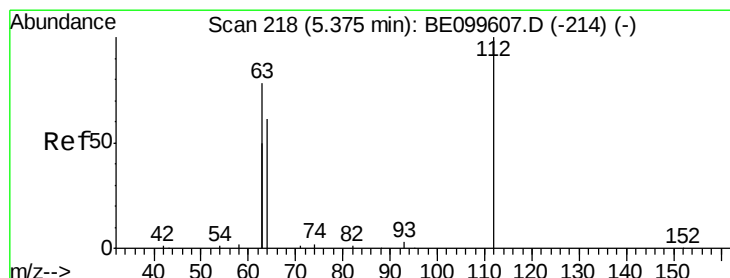
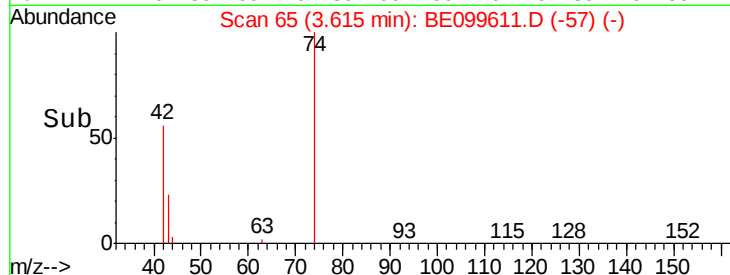
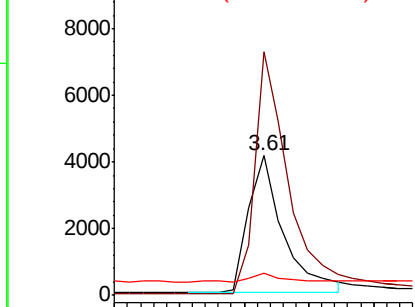
n-Nitrosodimethylamine
 Concen: 5.689 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.01 min
 Lab File: BE099611.D
 Acq: 14 May 2019 18:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 7711
 Ion Ratio Lower Upper
 42 100
 74 170.3 134.7 202.1
 44 6.5 12.5 18.7#



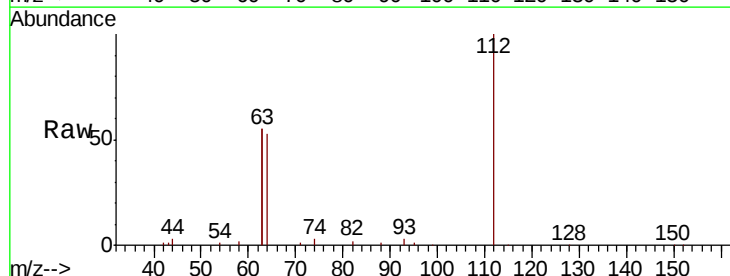
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



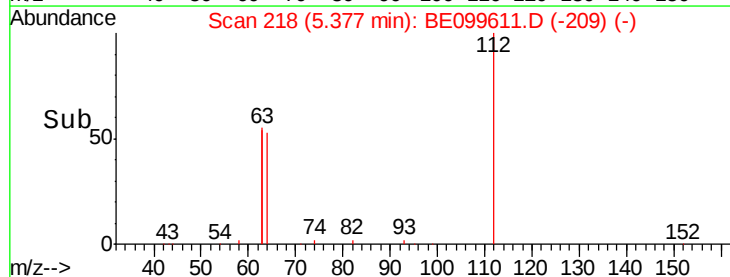
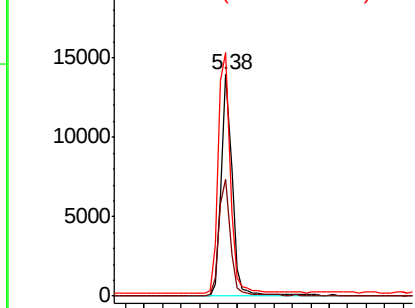
#4

2-Fluorophenol
 Concen: 5.192 ng
 RT: 5.38 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE099611.D
 Acq: 14 May 2019 18:55

Tgt Ion: 112 Resp: 22061
 Ion Ratio Lower Upper
 112 100
 64 56.2 43.7 65.5
 63 122.0 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: 5.317 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :

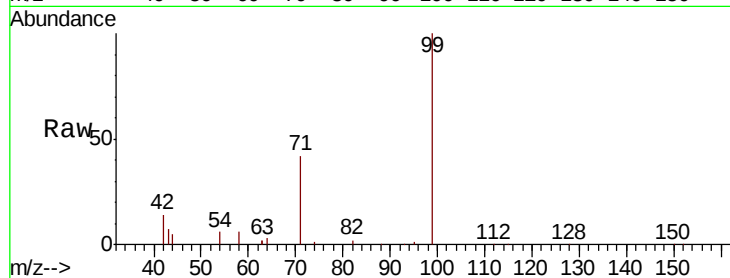
Tot Ion: 99 Resp: 29669

Ion Ratio Lower Upper

99 100

42 14.8 14.3 21.5

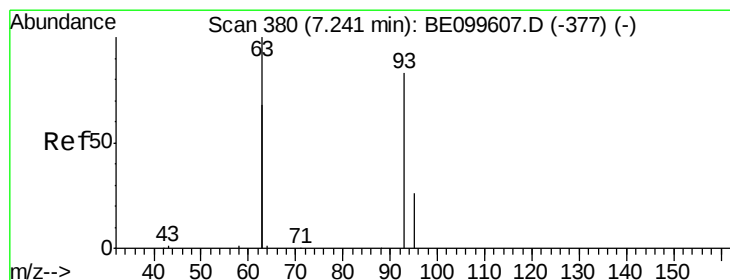
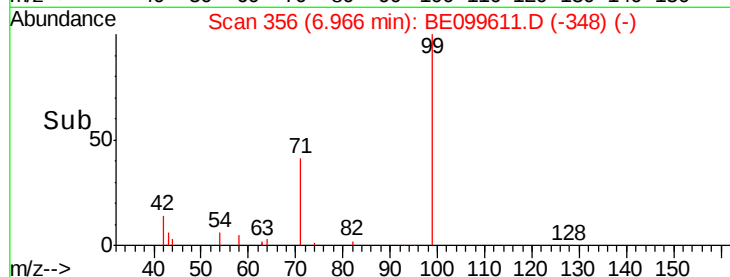
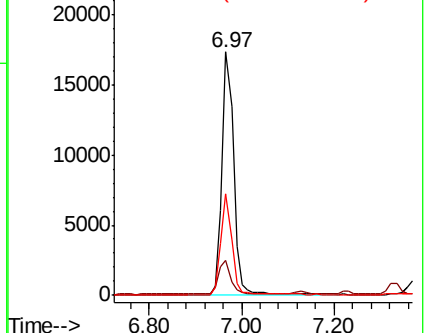
71 39.3 33.1 49.7



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: 5.170 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

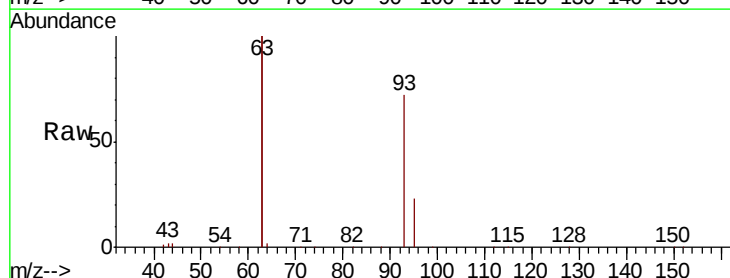
Tgt Ion: 93 Resp: 23978

Ion Ratio Lower Upper

93 100

63 271.1 201.0 301.4

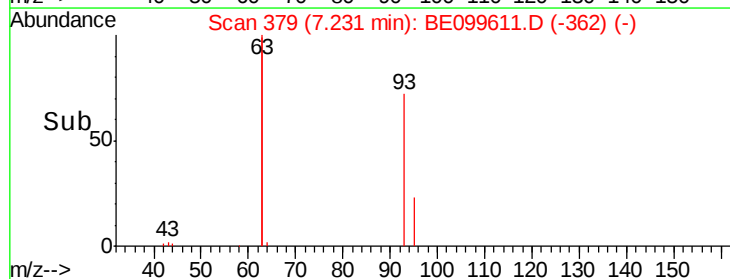
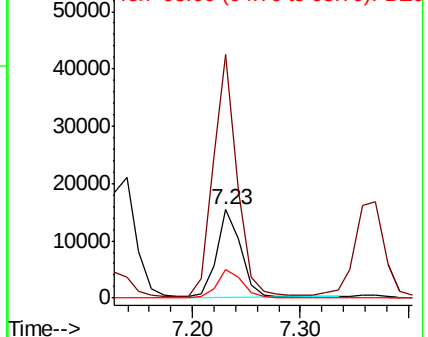
95 32.7 25.0 37.4



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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 5321

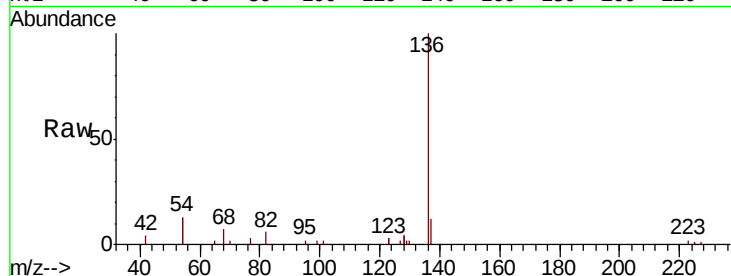
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 26.7 23.8 35.8

68 6.7 6.2 9.2

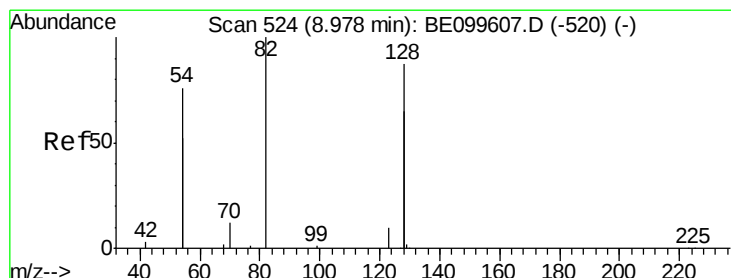
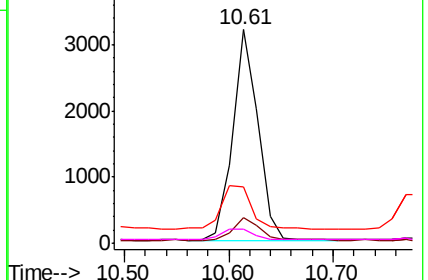
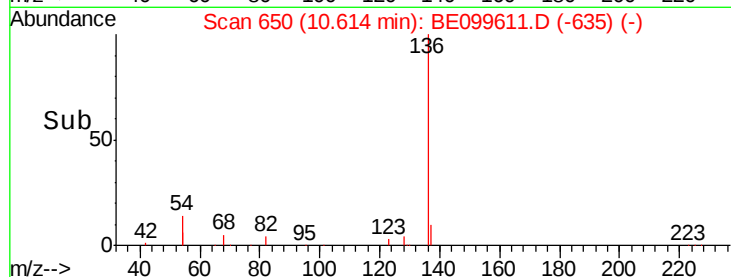


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.733 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

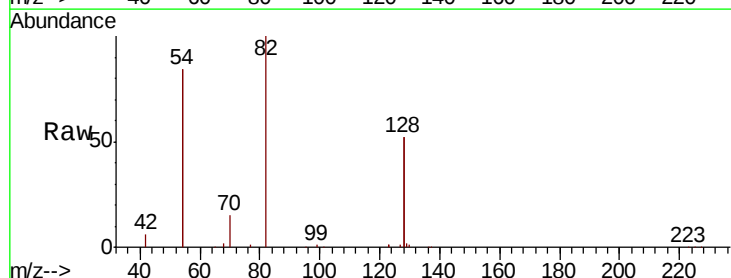
Tgt Ion: 82 Resp: 28626

Ion Ratio Lower Upper

82 100

128 103.6 131.4 197.2#

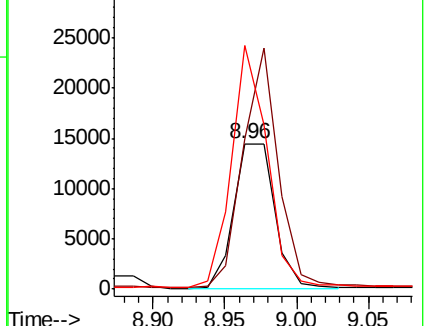
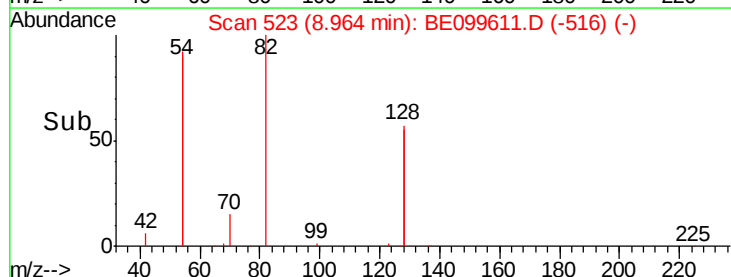
54 167.4 113.9 170.9



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: 5.135 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :

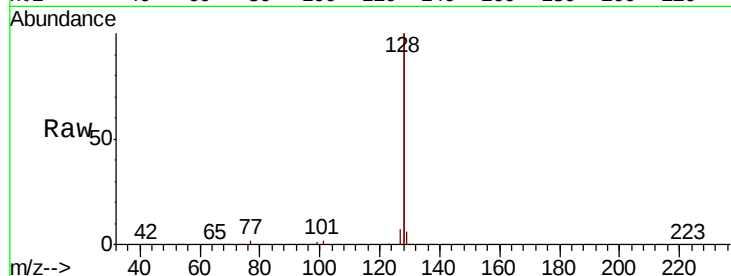
Tot Ion:128 Resp: 291136

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

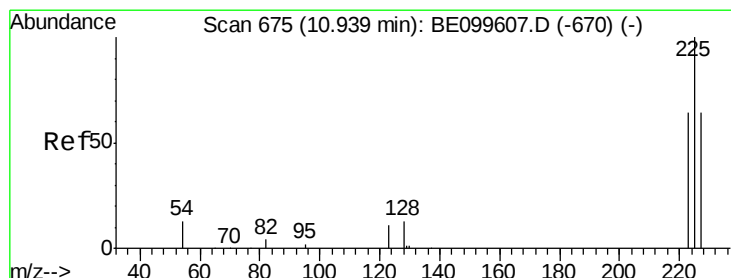
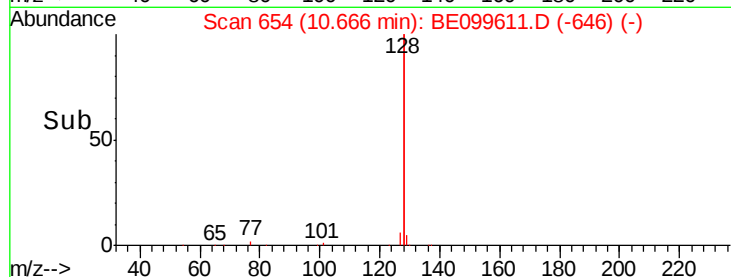
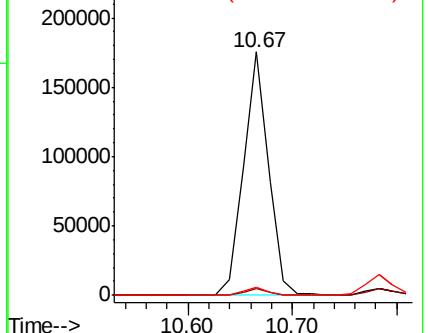
127 3.3 3.0 4.6



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: 5.118 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

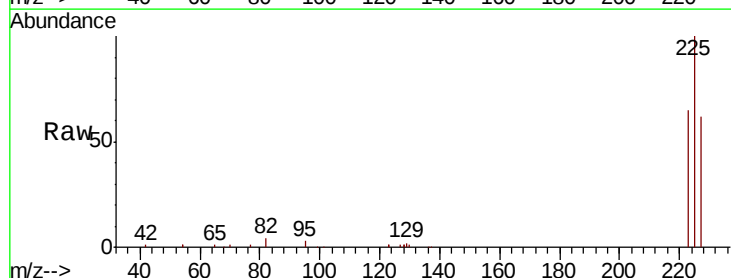
Tgt Ion:225 Resp: 20946

Ion Ratio Lower Upper

225 100

223 63.2 49.8 74.8

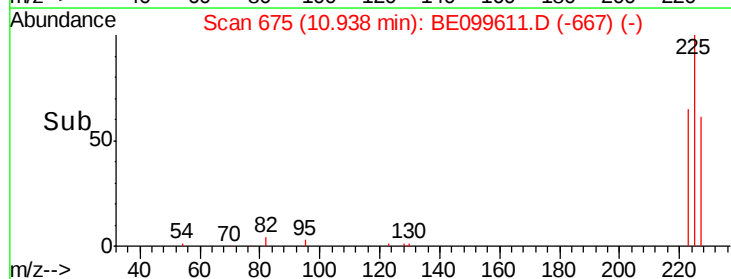
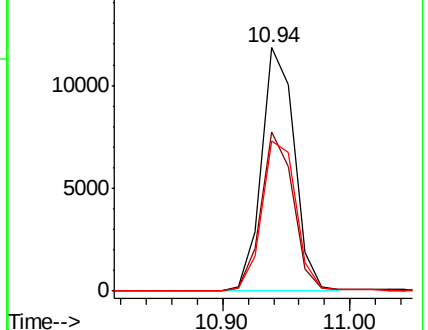
227 63.7 51.2 76.8

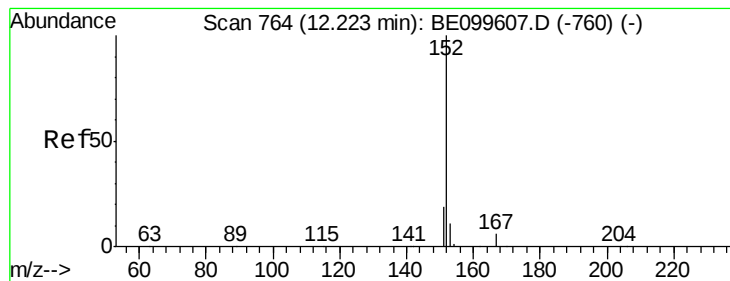


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

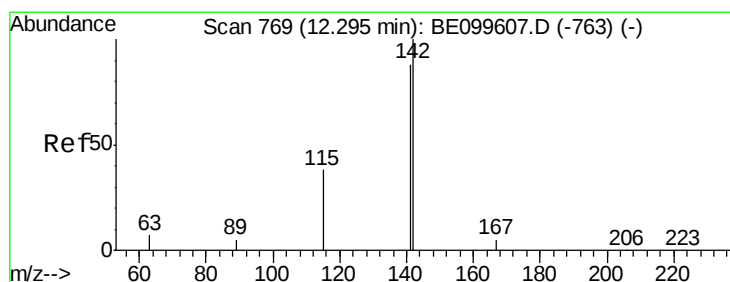
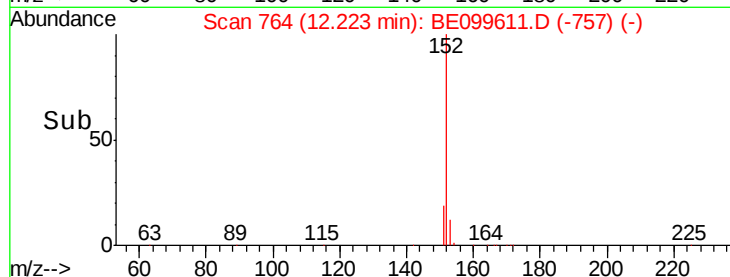
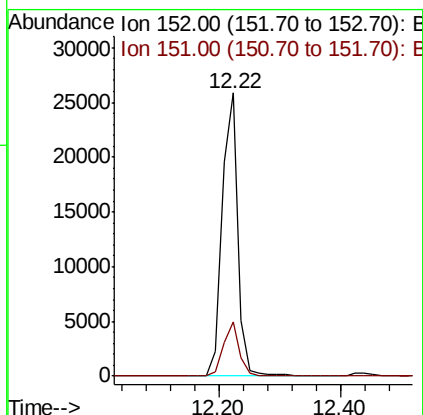
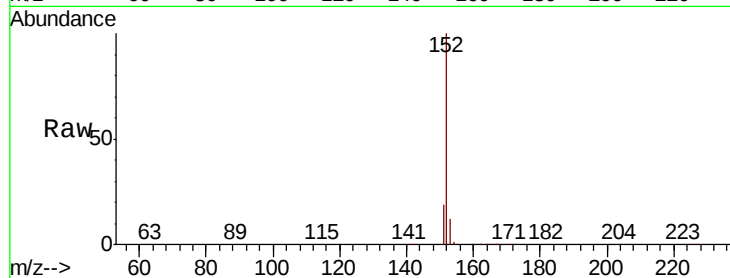




#11
 2-Methylnaphthalene-d10
 Concen: 5.218 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099611.D
 Acq: 14 May 2019 18:55

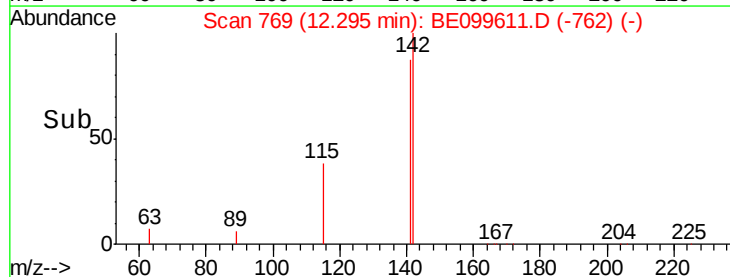
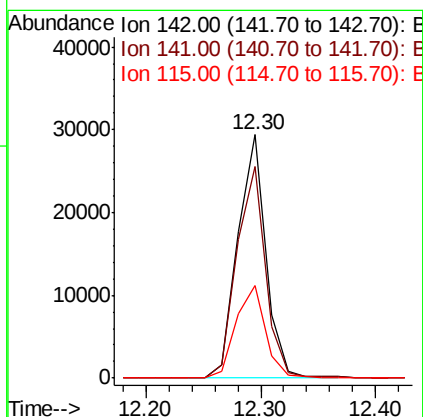
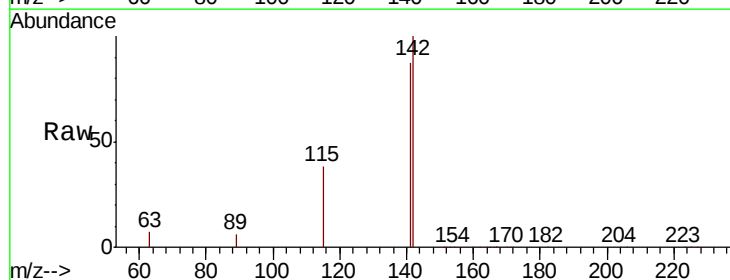
Instrument :
 BNA_E
 ClientSampleId :

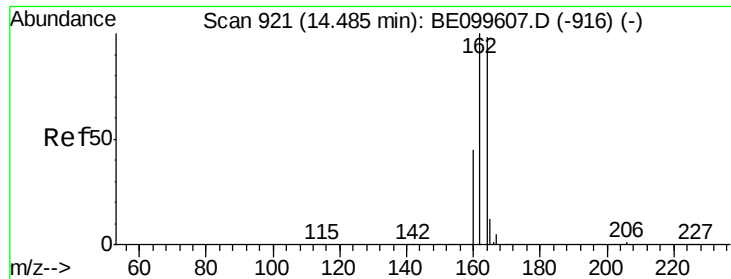
Tot Ion:152 Resp: 46475
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 5.333 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE099611.D
 Acq: 14 May 2019 18:55

Tgt Ion:142 Resp: 49390
 Ion Ratio Lower Upper
 142 100
 141 86.7 70.4 105.6
 115 38.1 32.2 48.4

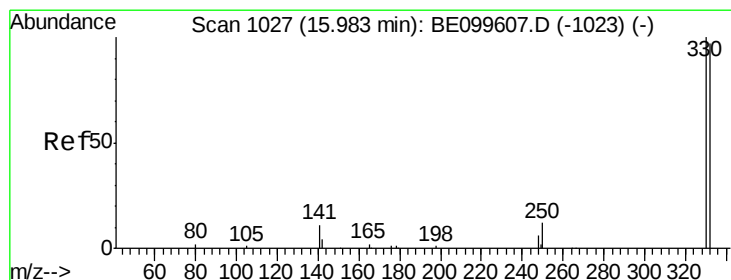
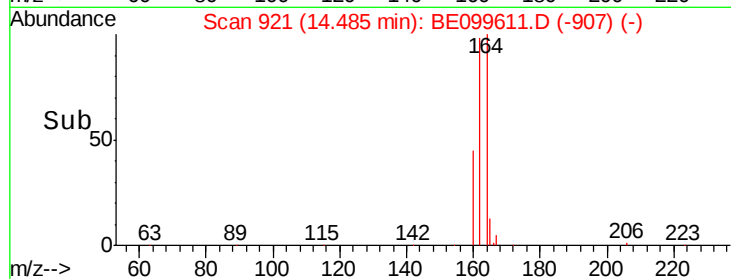
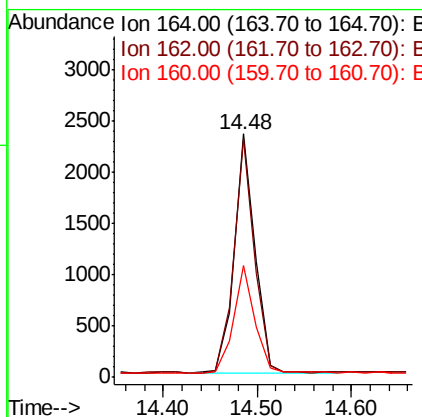
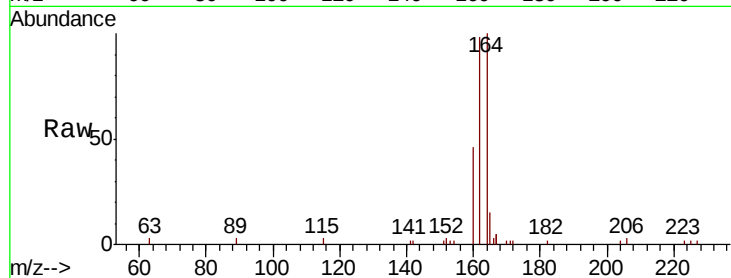




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

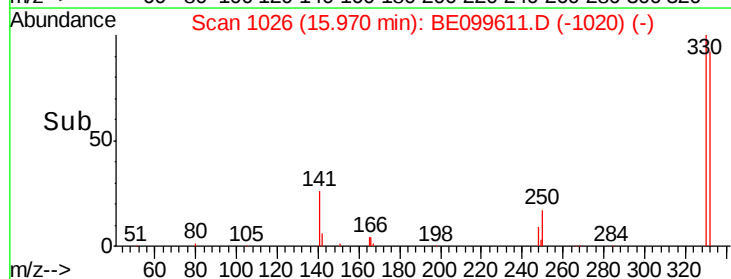
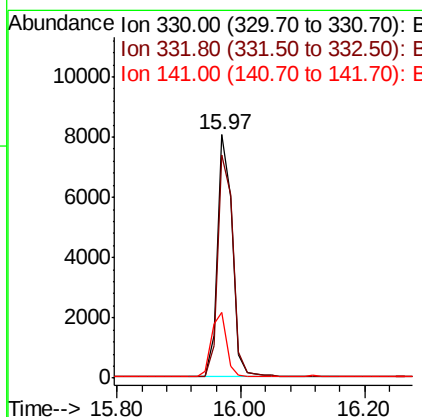
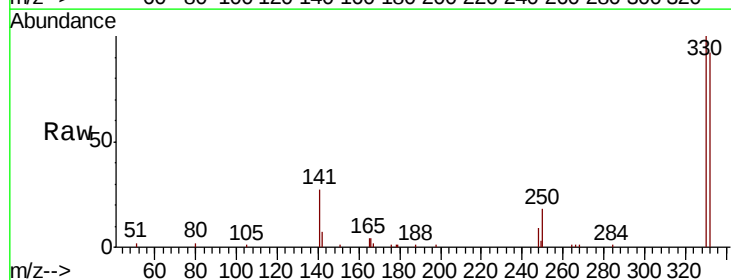
Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3547
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 45.7 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 6.333 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Tgt Ion:330 Resp: 13322
Ion Ratio Lower Upper
330 100
332 94.8 73.8 110.8
141 27.0 21.0 31.6

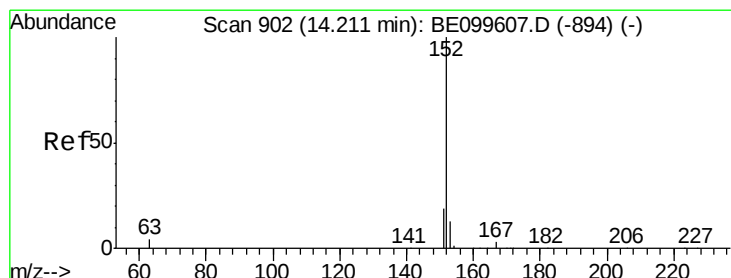
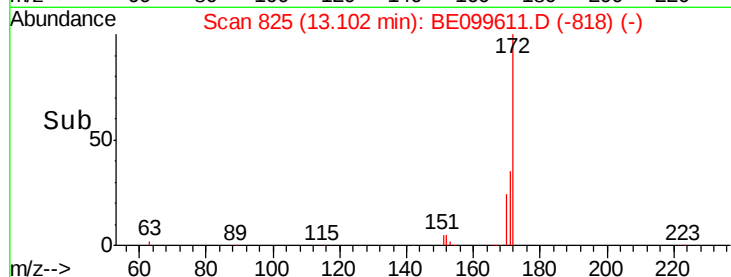
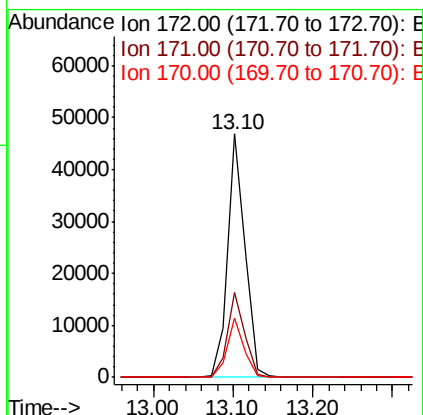
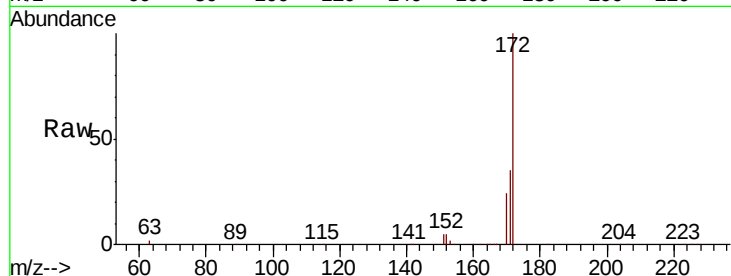




#15
2-Fluorobiphenyl
Concen: 5.136 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

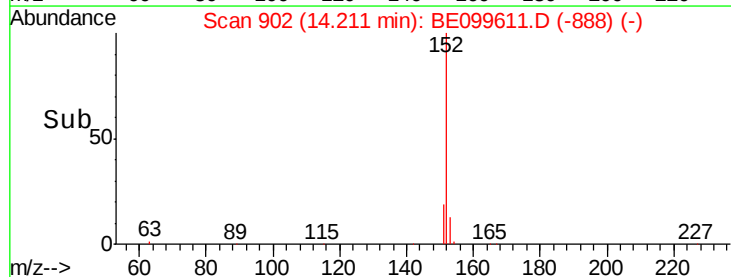
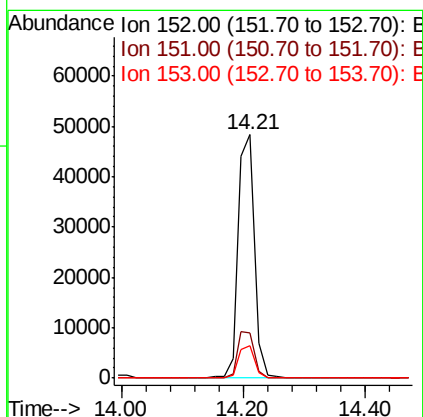
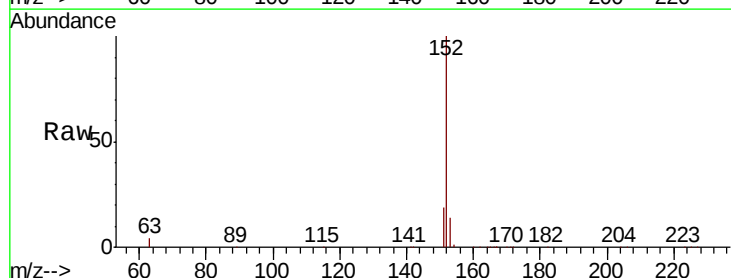
Instrument :
BNA_E
ClientSampleId :

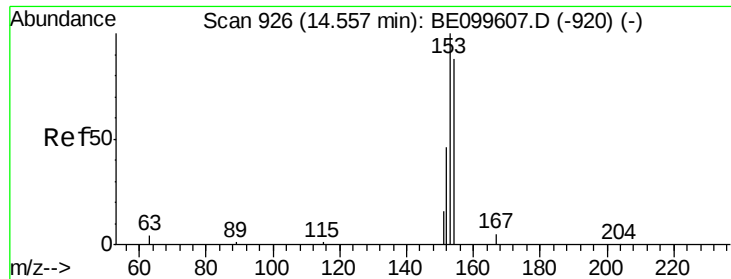
Tot Ion:172 Resp: 70616
Ion Ratio Lower Upper
172 100
171 34.9 29.4 44.2
170 24.3 21.5 32.3



#16
Acenaphthylene
Concen: 5.276 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Tgt Ion:152 Resp: 90590
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 5.216 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :

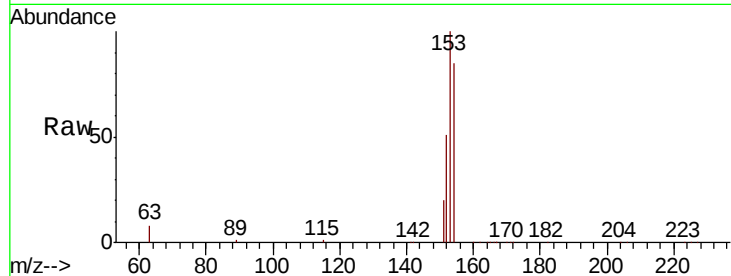
Tot Ion:154 Resp: 50010

Ion Ratio Lower Upper

154 100

153 115.5 94.1 141.1

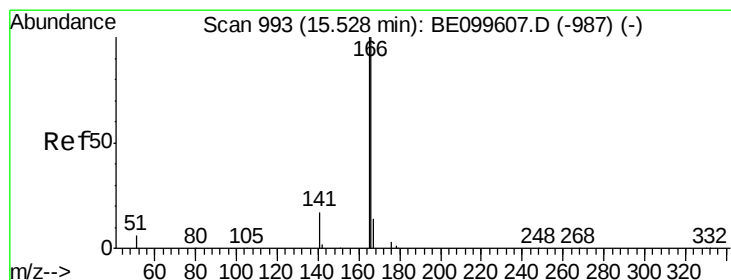
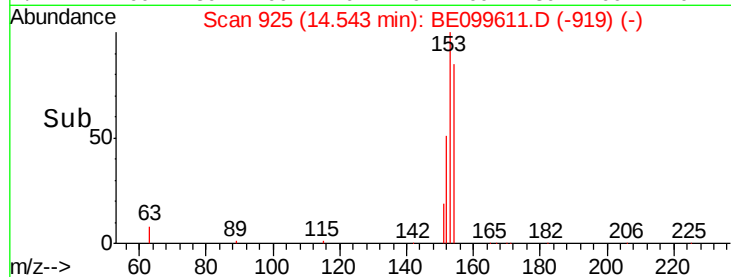
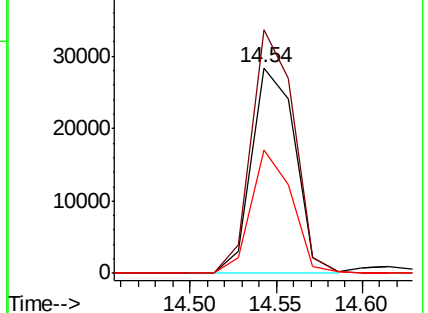
152 56.2 46.5 69.7



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: 5.171 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

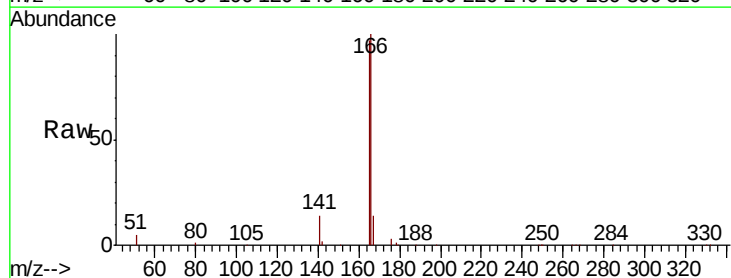
Tgt Ion:166 Resp: 70746

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

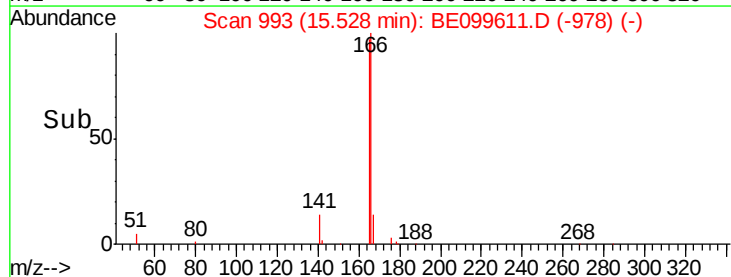
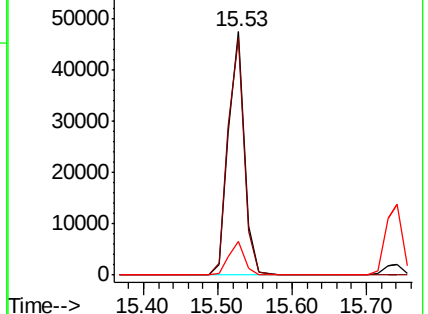
167 13.5 11.2 16.8

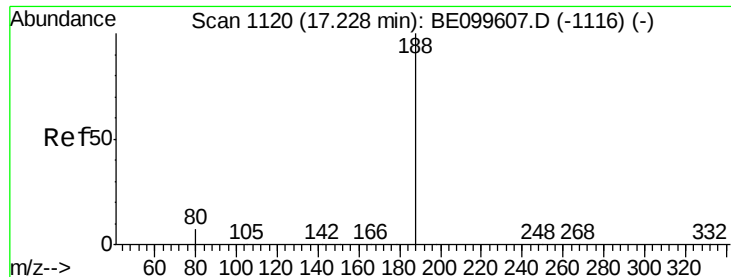


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :

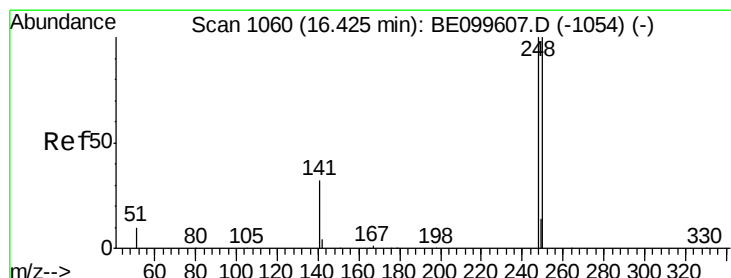
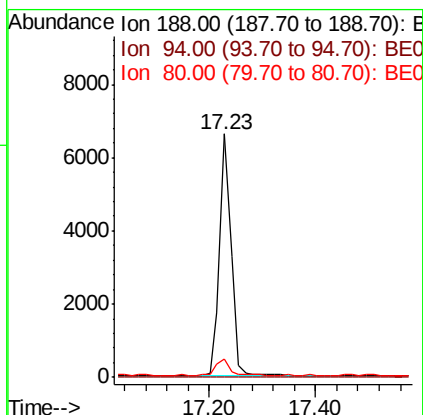
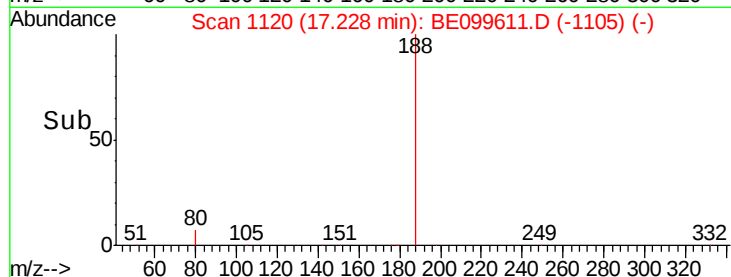
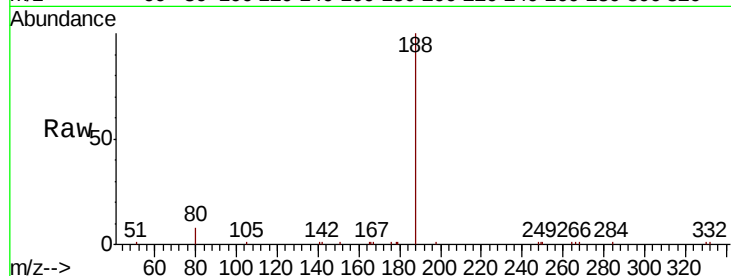
Tot Ion:188 Resp: 9798

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.7 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 5.447 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

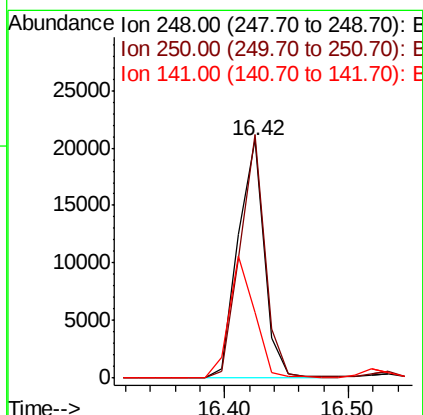
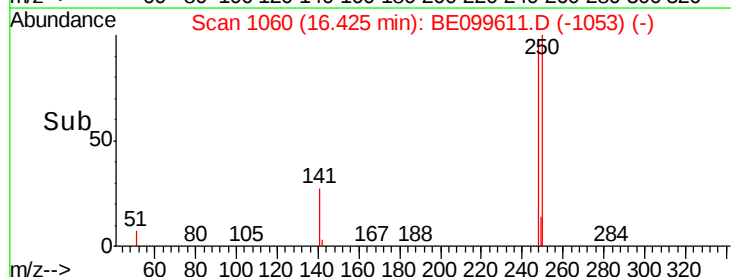
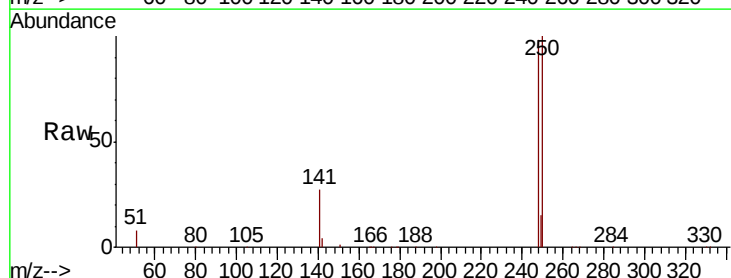
Tgt Ion:248 Resp: 30444

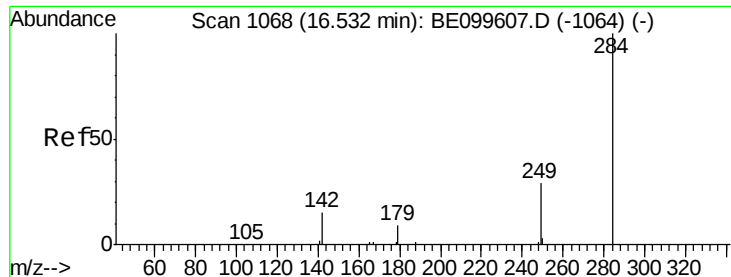
Ion Ratio Lower Upper

248 100

250 102.2 80.4 120.6

141 27.7 27.8 41.8#





#21

Hexachlorobenzene

Concen: 5.134 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampled :

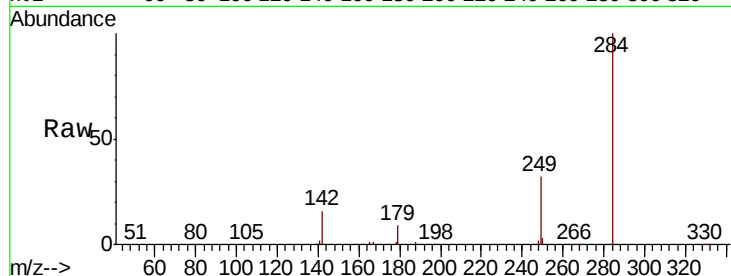
Tot Ion:284 Resp: 28811

Ion Ratio Lower Upper

284 100

142 25.3 19.4 29.2

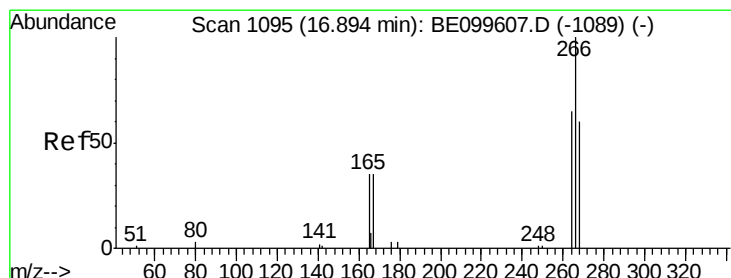
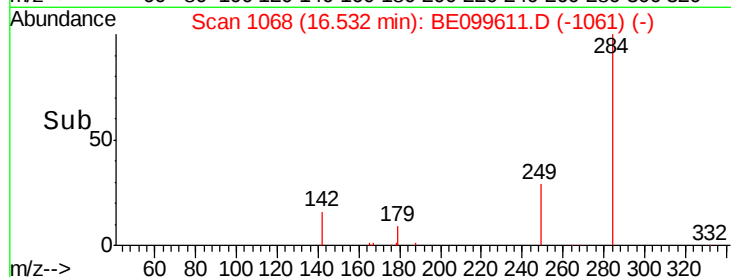
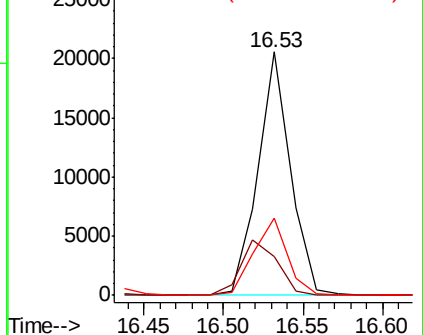
249 32.3 24.6 37.0



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: 6.999 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

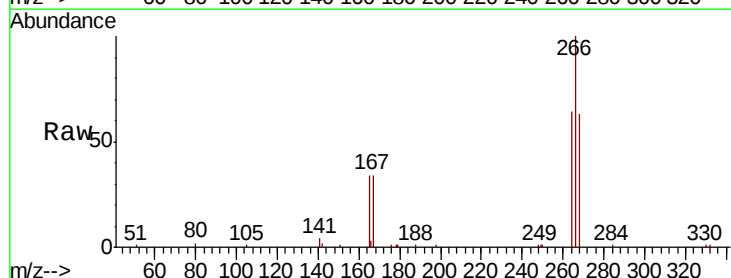
Tgt Ion:266 Resp: 15704

Ion Ratio Lower Upper

266 100

264 64.1 57.7 86.5

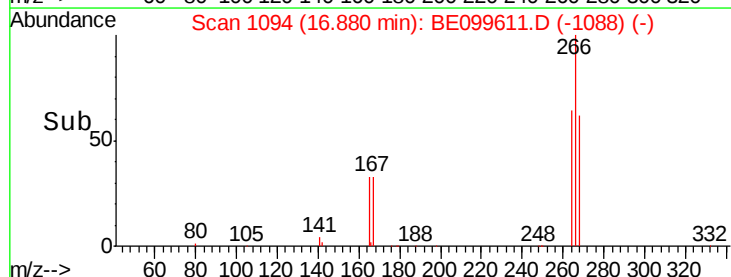
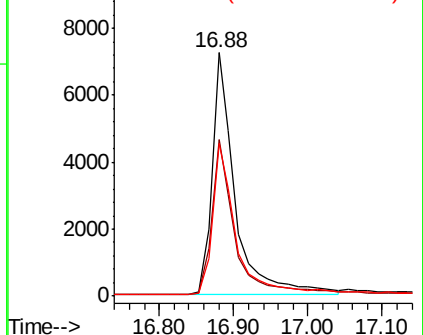
268 62.7 55.8 83.8



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

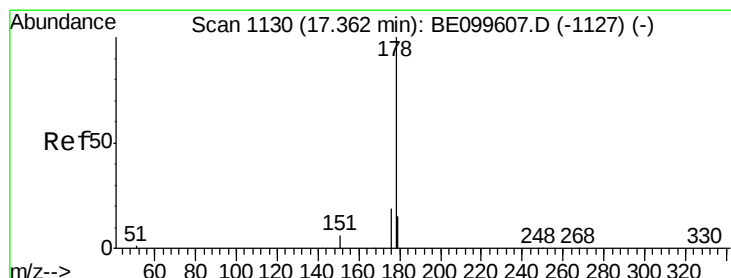
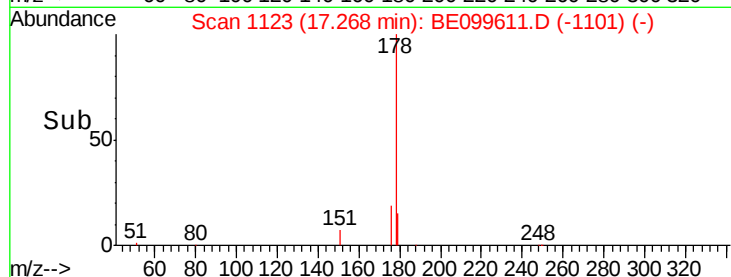
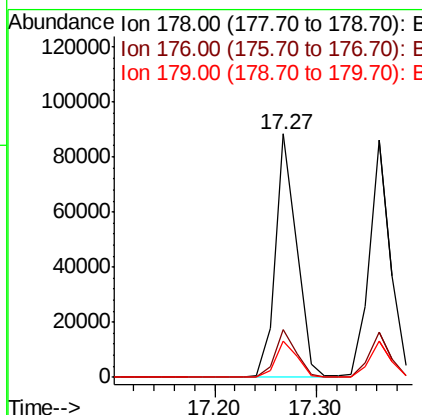
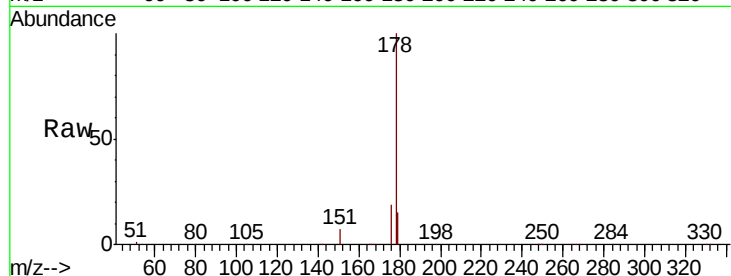




#23
Phenanthrene
Concen: 5.249 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

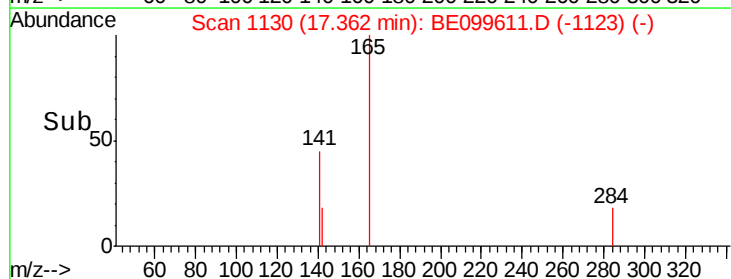
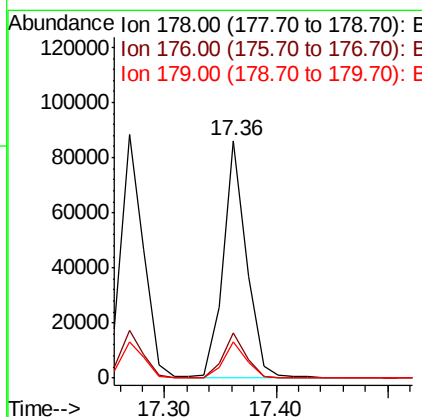
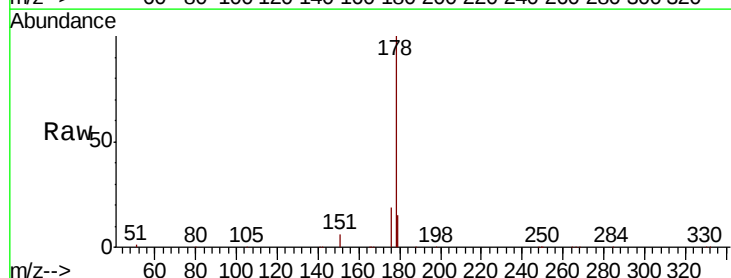
Instrument :
BNA_E
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.2	15.7	23.5	
179	15.3	12.2	18.2	



#24
Anthracene
Concen: 5.423 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.8	15.2	22.8	
179	15.2	12.1	18.1	





#25

Fluoranthene-d10

Concen: 5.386 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :

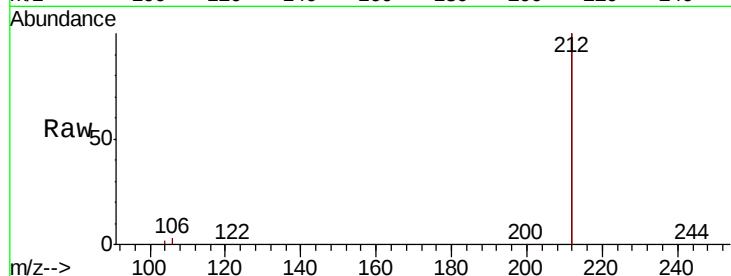
Tot Ion:212 Resp: 694020

Ion Ratio Lower Upper

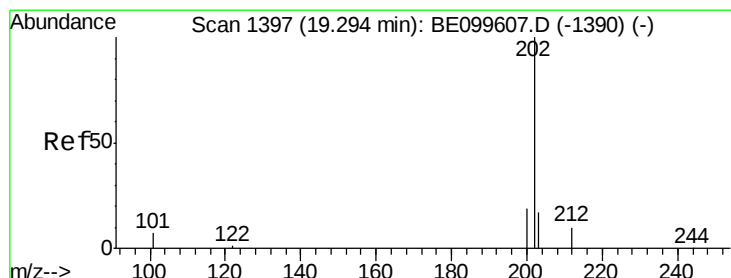
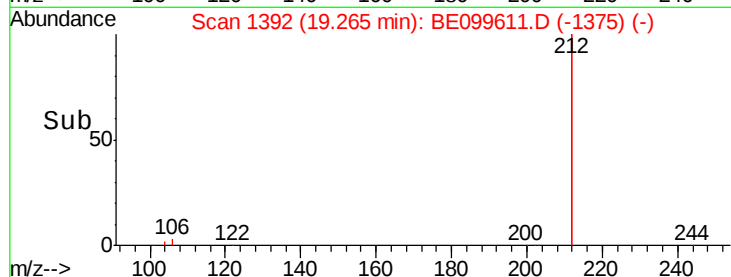
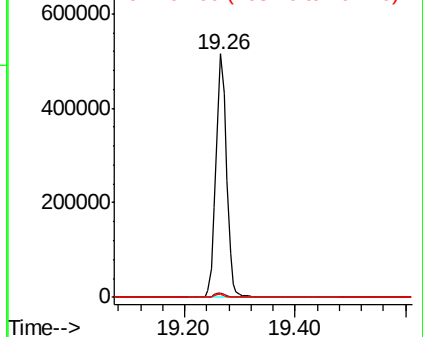
212 100

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: 5.406 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

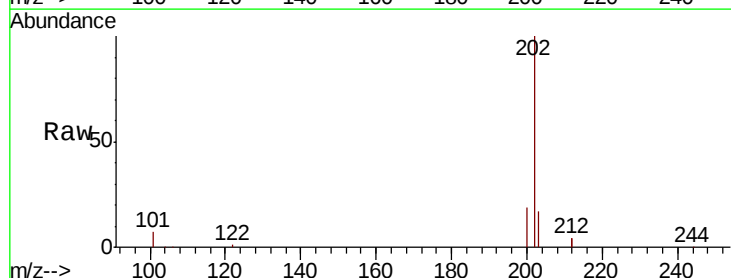
Tgt Ion:202 Resp: 197850

Ion Ratio Lower Upper

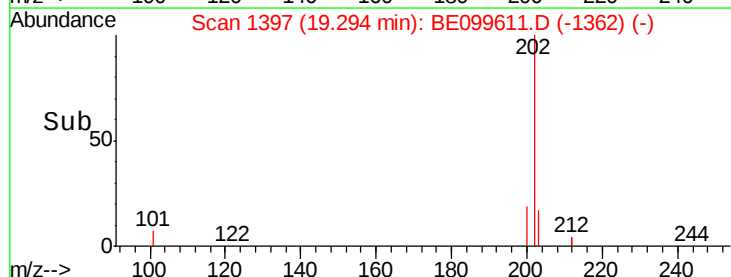
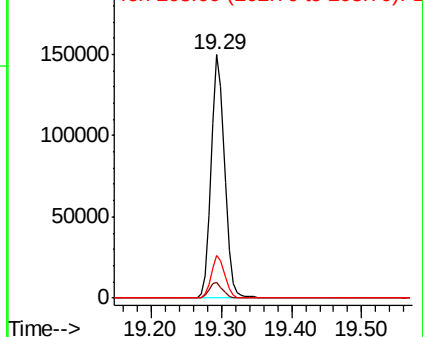
202 100

101 6.7 5.0 7.6

203 17.5 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

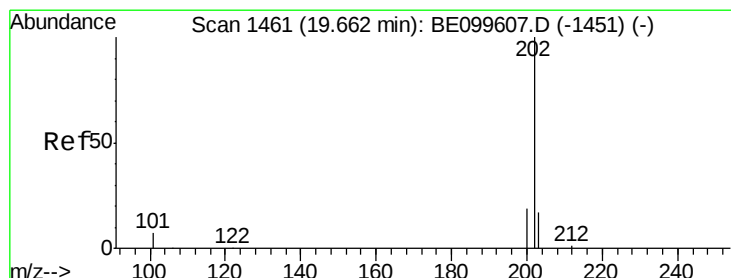
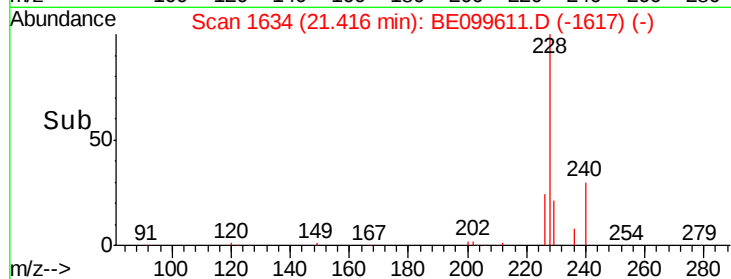
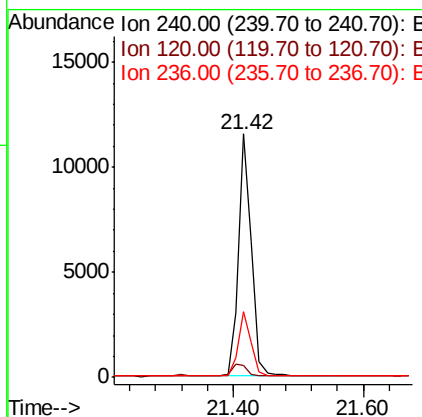
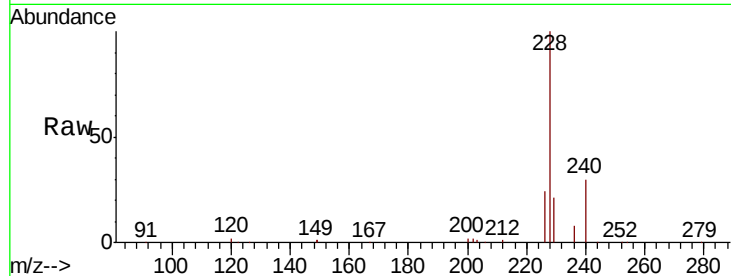




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099611.D
 Acq: 14 May 2019 18:55

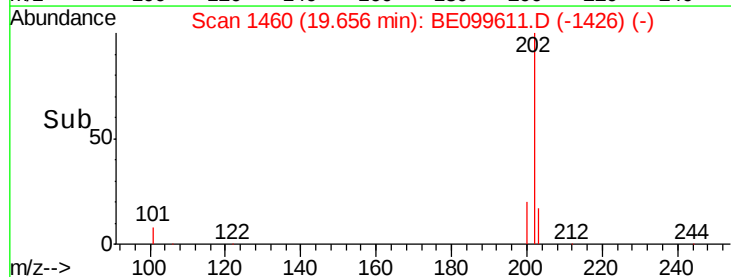
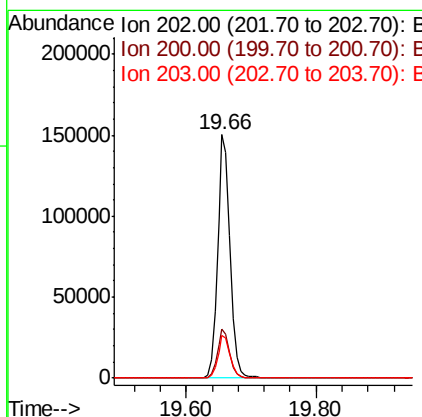
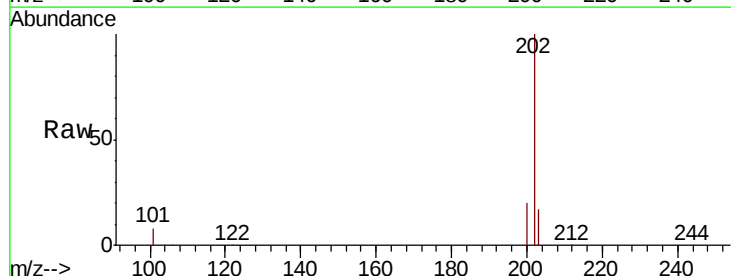
Instrument :
 BNA_E
 ClientSampleId :

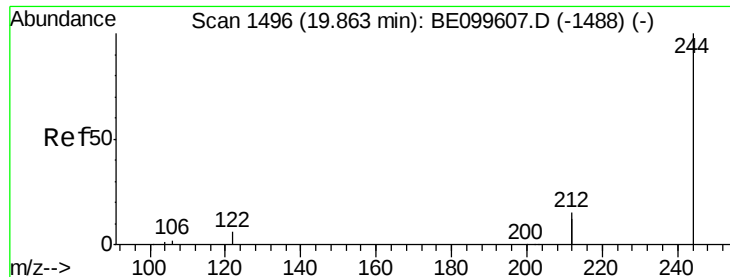
Tot Ion:240 Resp: 16186
 Ion Ratio Lower Upper
 240 100
 120 5.0 5.7 8.5#
 236 27.0 22.8 34.2



#28
 Pyrene
 Concen: 4.797 ng
 RT: 19.66 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BE099611.D
 Acq: 14 May 2019 18:55

Tgt Ion:202 Resp: 204620
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.8 23.6
 203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 5.103 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :

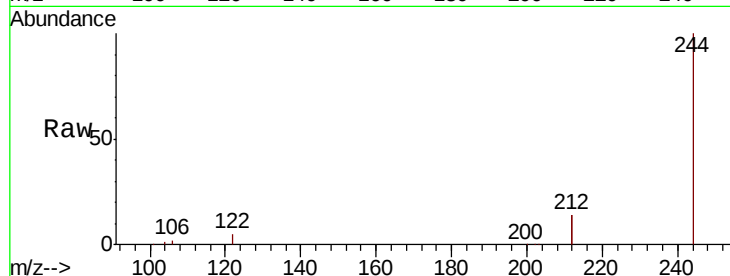
Tot Ion:244 Resp: 146788

Ion Ratio Lower Upper

244 100

212 28.1 23.8 35.6

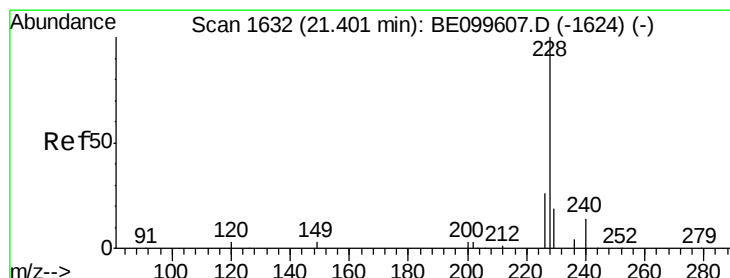
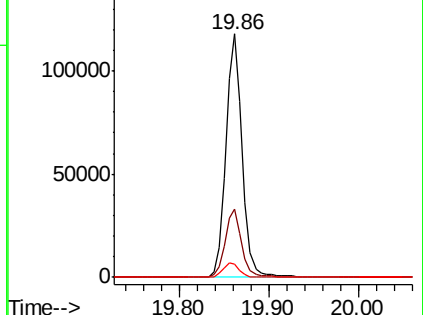
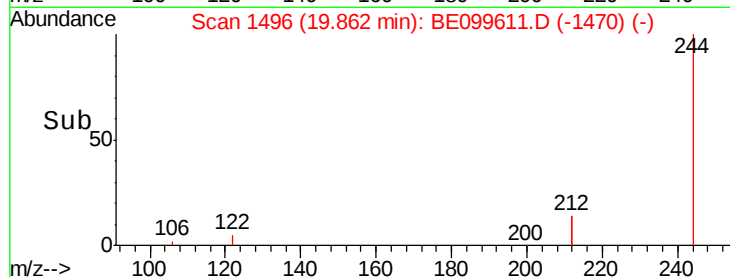
122 5.3 5.0 7.6



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: 5.137 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

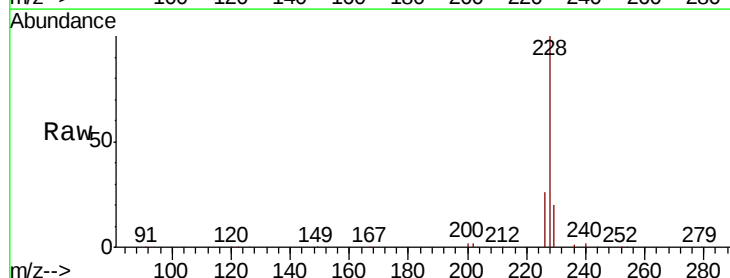
Tgt Ion:228 Resp: 253883

Ion Ratio Lower Upper

228 100

226 26.0 21.4 32.2

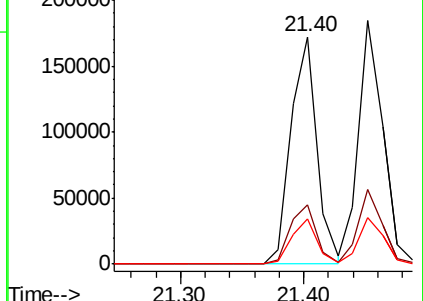
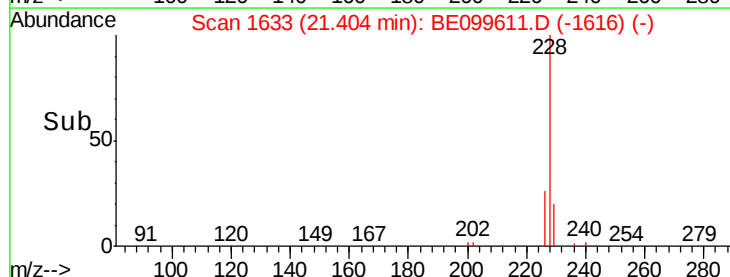
229 19.9 15.8 23.8

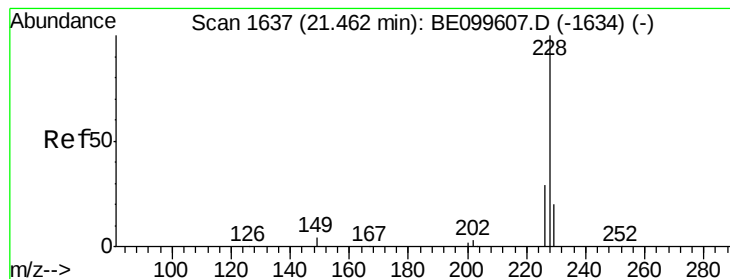


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.150 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :

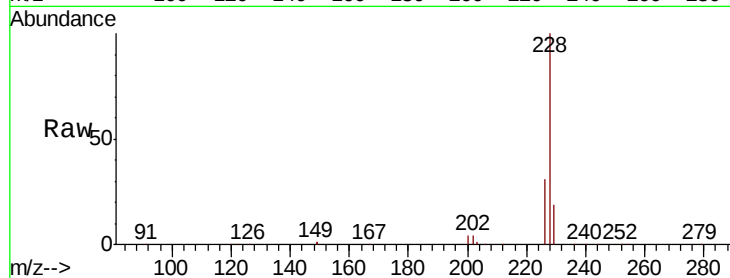
Tot Ion:228 Resp: 254462

Ion Ratio Lower Upper

228 100

226 30.6 23.0 34.4

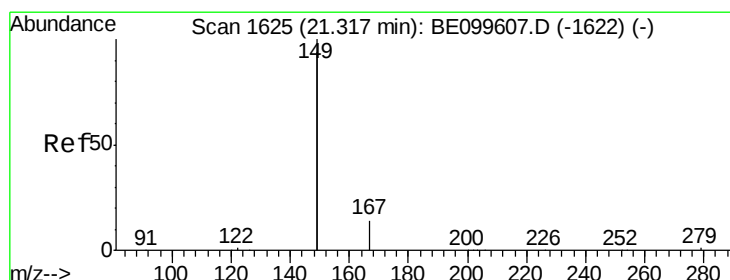
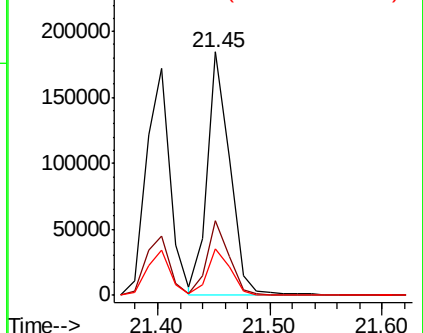
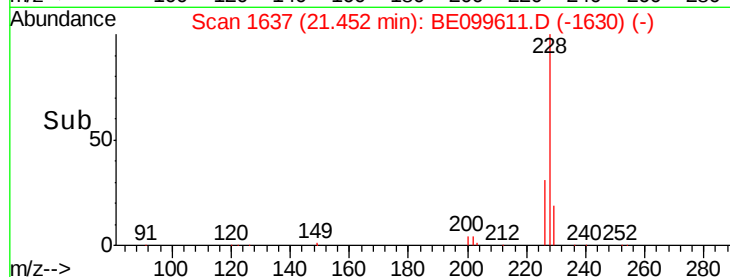
229 19.2 16.4 24.6



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: 5.149 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

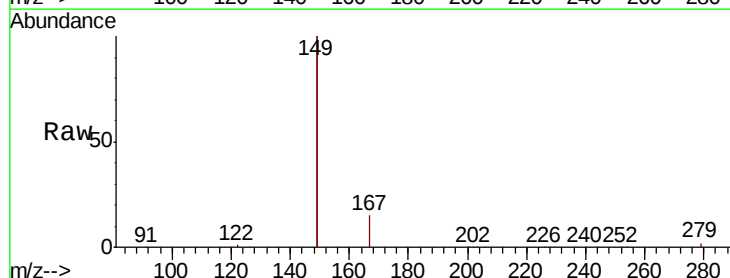
Tgt Ion:149 Resp: 365728

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

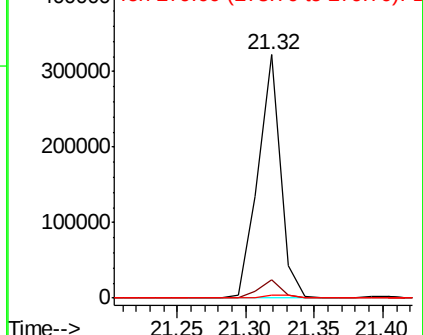
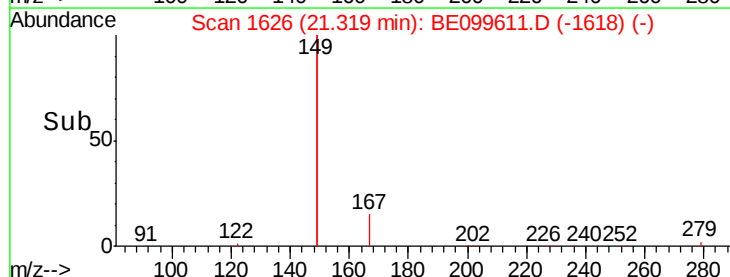
279 1.4 1.1 1.7



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

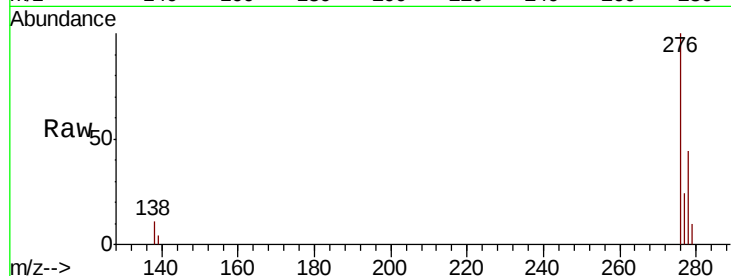




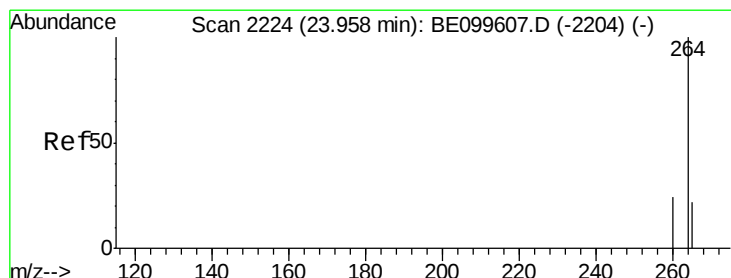
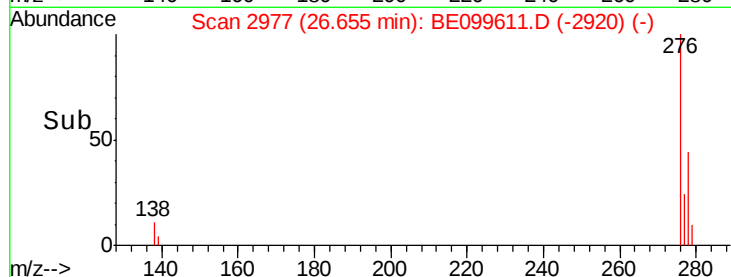
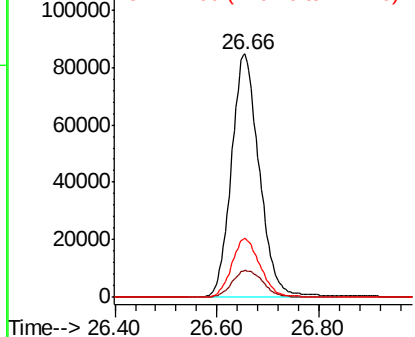
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.202 ng
RT: 26.66 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 320735
Ion Ratio Lower Upper
276 100
138 12.3 10.0 15.0
277 24.7 19.1 28.7

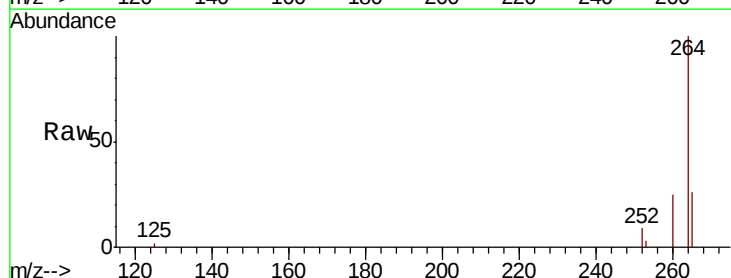


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

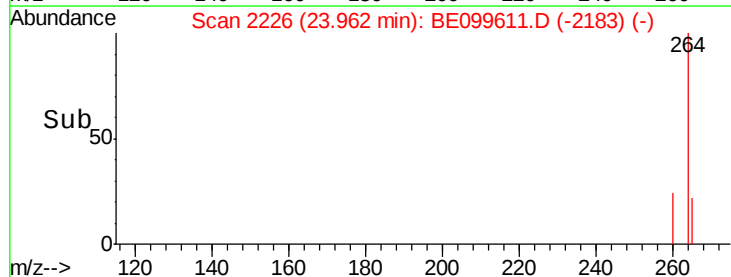
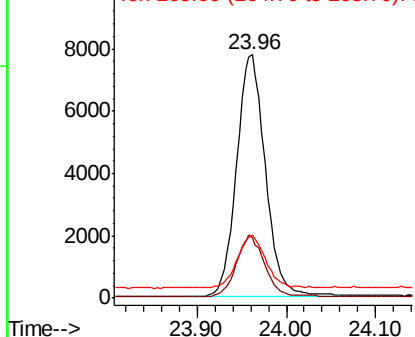


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Tgt Ion:264 Resp: 17412
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 25.7 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: 5.282 ng

RT: 23.17 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :

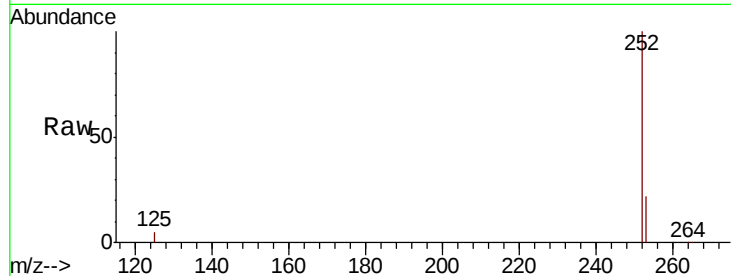
Tot Ion:252 Resp: 254088

Ion Ratio Lower Upper

252 100

253 21.9 19.1 28.7

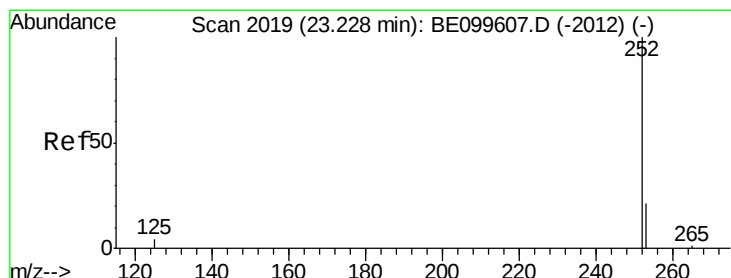
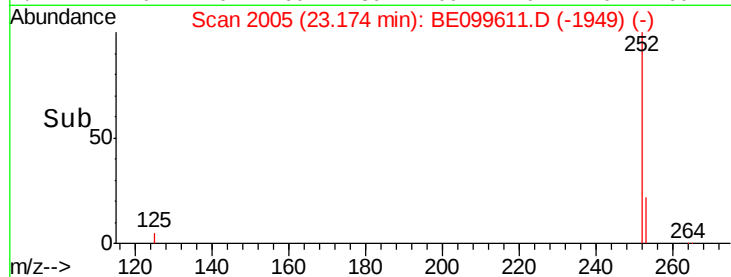
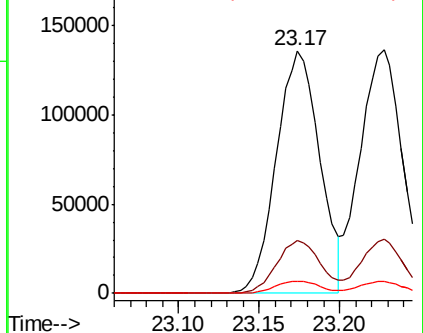
125 5.2 7.8 11.8#



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



#36

Benzo(k)fluoranthene

Concen: 5.418 ng

RT: 23.23 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BE099611.D

Acq: 14 May 2019 18:55

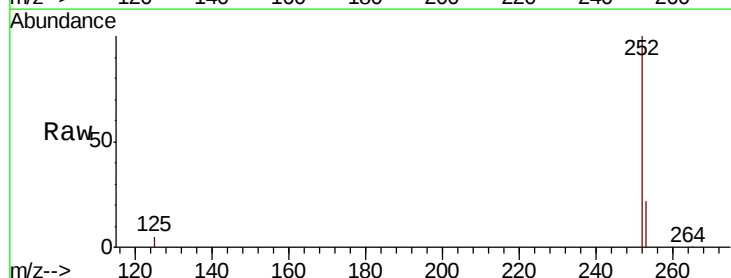
Tgt Ion:252 Resp: 259037

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

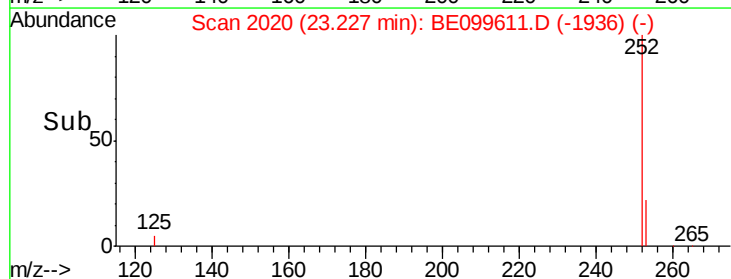
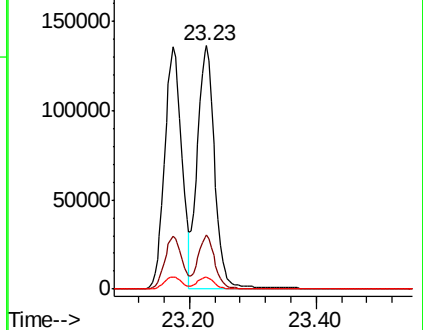
125 5.0 5.2 7.8#



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

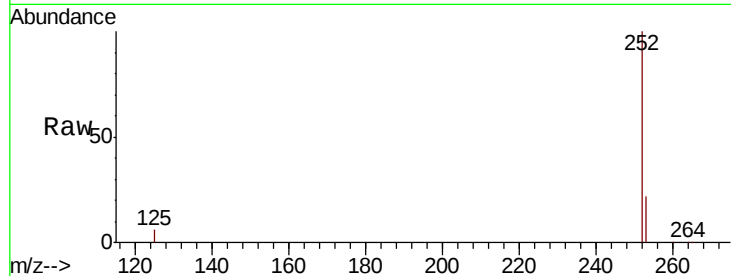




#37
Benzo(a)pyrene
Concen: 5.270 ng
RT: 23.84 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.6
125	5.6	8.8	13.2

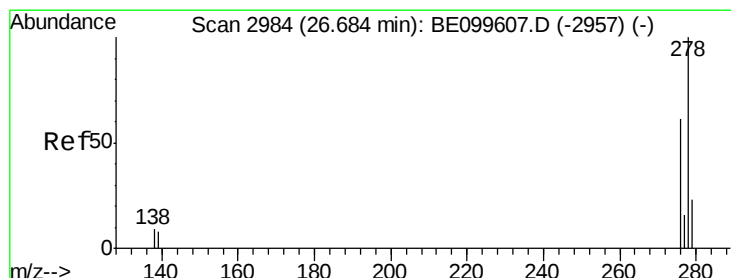
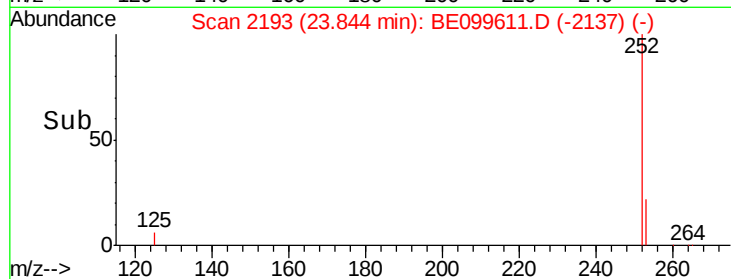
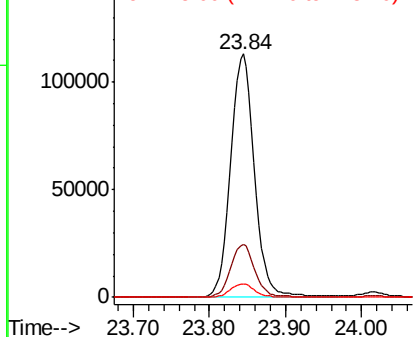


Abundance

Ion 252.00 (251.70 to 252.70): E

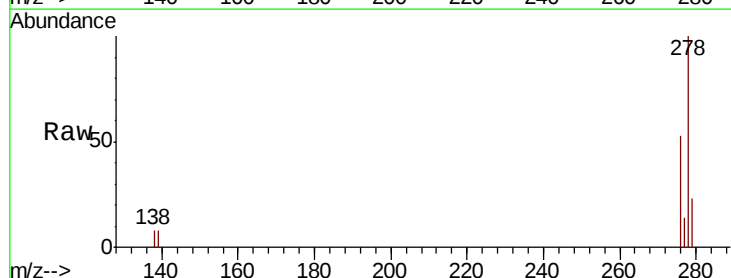
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 5.452 ng
RT: 26.68 min Scan# 2985
Delta R.T. 0.00 min
Lab File: BE099611.D
Acq: 14 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	7.9	11.9
279	23.4	19.5	29.3

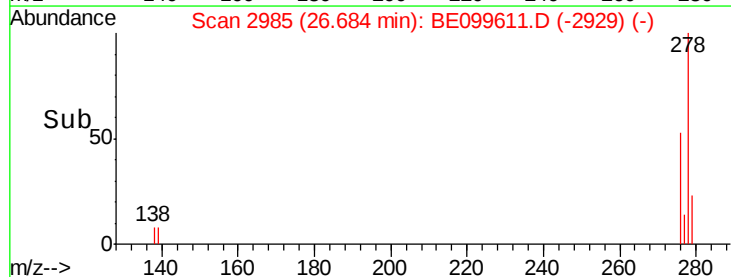
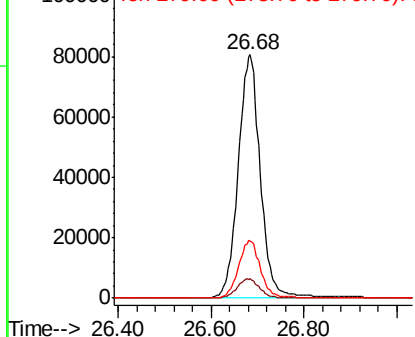


Abundance

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(a,h,i)perylene

Concen: 5.301 ng

RT: 27.49 min Scan# 3210

Delta R.T. -0.00 min

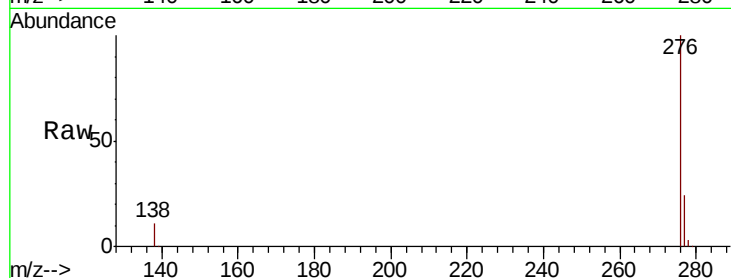
Lab File: BE099611.D

Acq: 14 May 2019 18:55

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 261404

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 10.5 9.1 13.7

