

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
 Data File : BE099545.D
 Acq On : 4 May 2019 00:20
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 04 01:05:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2402	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	9336	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7249	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	19970	0.40	ng	0.01
27) Chrysene-d12	21.38	240	22773	0.40	ng	0.01
34) Perylene-d12	23.89	264	27407	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2926	0.44	ng	0.00
5) Phenol-d6	6.97	99	4306	0.49	ng	0.00
8) Nitrobenzene-d5	8.96	82	3992	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	6976	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2162	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	11113	0.40	ng	0.00
25) Fluoranthene-d10	19.23	212	100844	0.37	ng	0.01
29) Terphenyl-d14	19.82	244	21776	0.52	ng	0.00

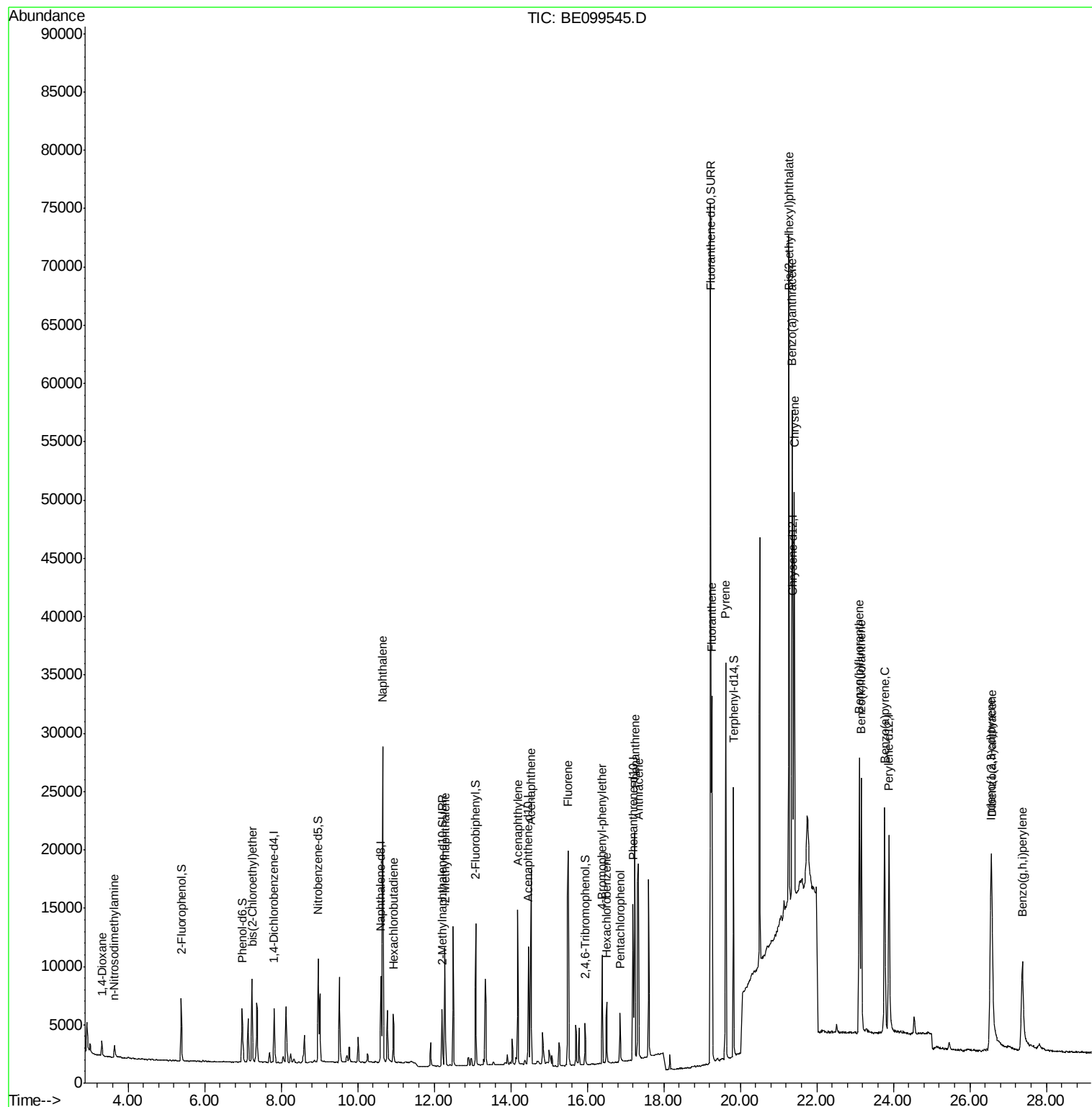
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1146	0.347	ng	95
3) n-Nitrosodimethylamine	3.63	42	873	0.438	ng	# 91
6) bis(2-Chloroethyl)ether	7.24	93	3002	0.394	ng	99
9) Naphthalene	10.65	128	43035	0.423	ng	100
10) Hexachlorobutadiene	10.93	225	3017	0.426	ng	99
12) 2-Methylnaphthalene	12.28	142	7433	0.420	ng	93
16) Acenaphthylene	14.18	152	14400	0.406	ng	98
17) Acenaphthene	14.53	154	8188	0.404	ng	99
18) Fluorene	15.50	166	11913	0.399	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	4937	0.425	ng	# 90
21) Hexachlorobenzene	16.51	284	4803	0.433	ng	98
22) Pentachlorophenol	16.85	266	2363	0.570	ng	98
23) Phenanthrene	17.24	178	20707	0.402	ng	99
24) Anthracene	17.34	178	20923	0.426	ng	99
26) Fluoranthene	19.26	202	29650	0.384	ng	99
28) Pyrene	19.62	202	30846	0.520	ng	100
30) Benzo(a)anthracene	21.35	228	34358	0.474	ng	96
31) Chrysene	21.42	228	32653	0.460	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	56475	0.480	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.54	276	33628	0.401	ng	97
35) Benzo(b)fluoranthene	23.11	252	32185	0.407	ng	# 90
36) Benzo(k)fluoranthene	23.16	252	32009	0.420	ng	# 94
37) Benzo(a)pyrene	23.77	252	31064	0.416	ng	# 86
38) Dibenzo(a,h)anthracene	26.57	278	28107	0.368	ng	# 90
39) Benzo(g,h,i)perylene	27.37	276	23249	0.304	ng	# 90

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

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QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

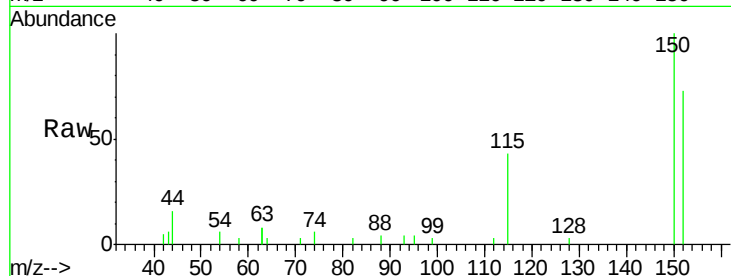
Tot Ion:152 Resp: 2402

Ion Ratio Lower Upper

152 100

150 136.7 104.8 157.2

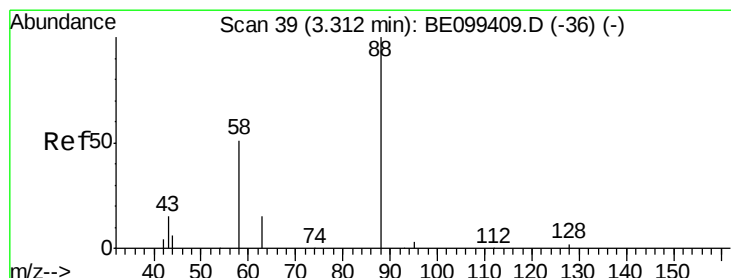
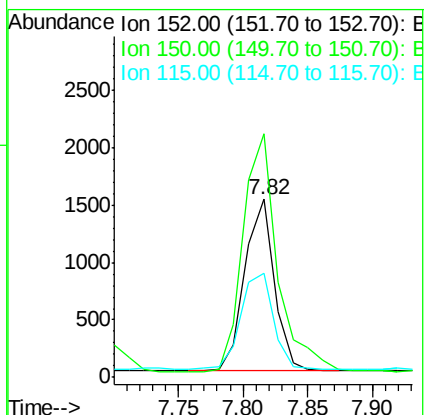
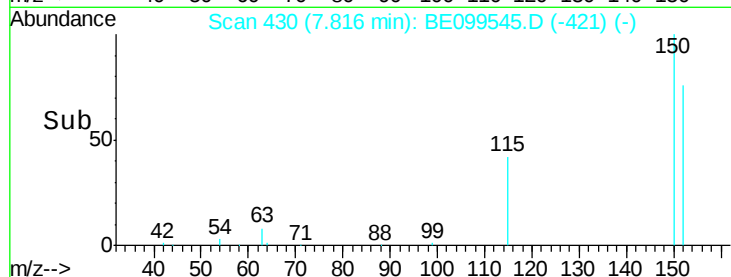
115 58.2 46.6 69.8



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: 0.347 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

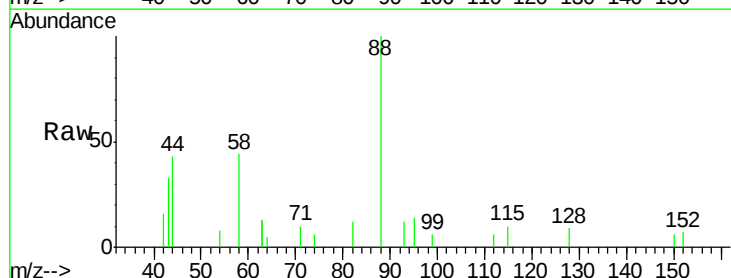
Tgt Ion: 88 Resp: 1146

Ion Ratio Lower Upper

88 100

58 58.6 51.0 76.6

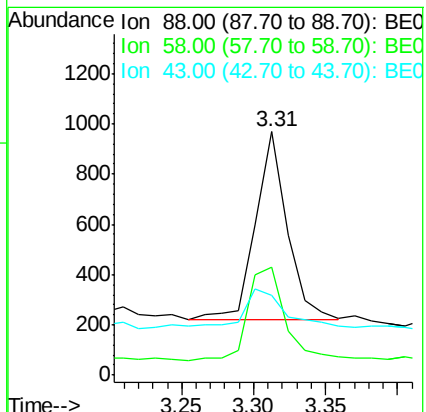
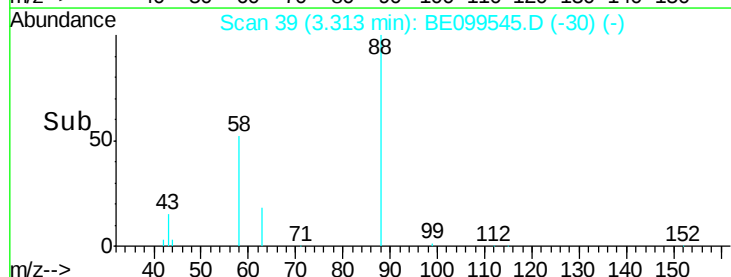
43 26.2 20.6 30.8

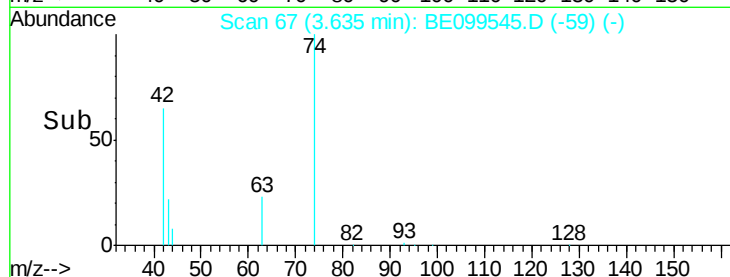
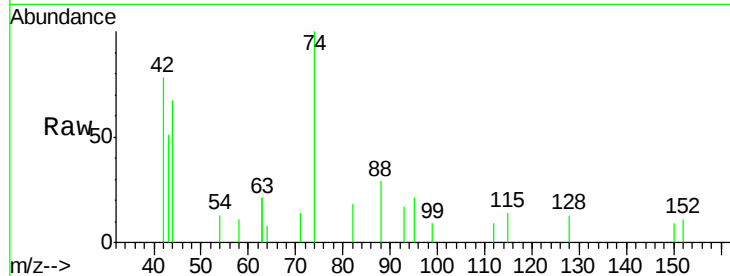
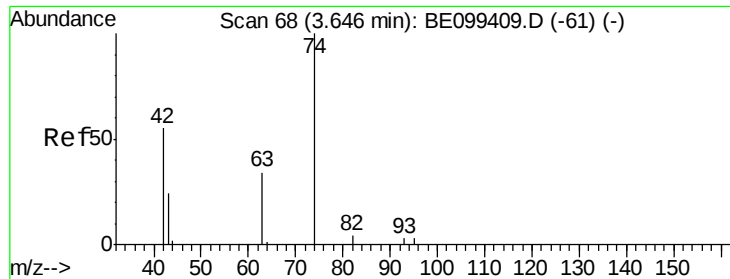


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

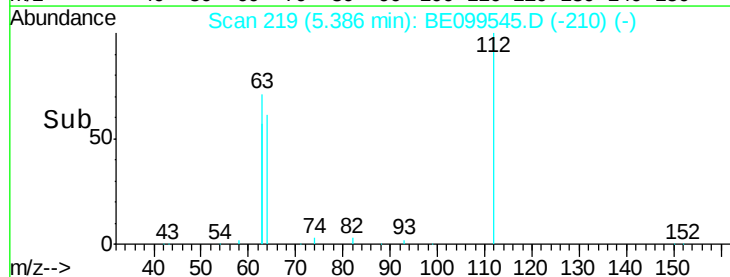
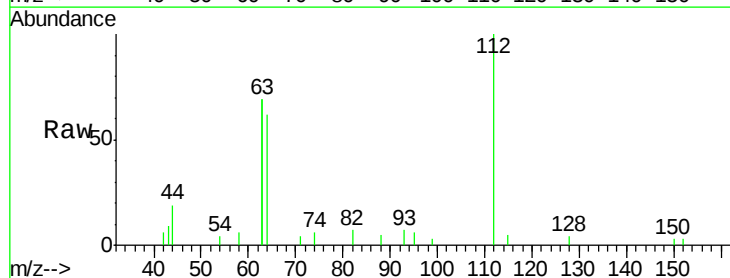
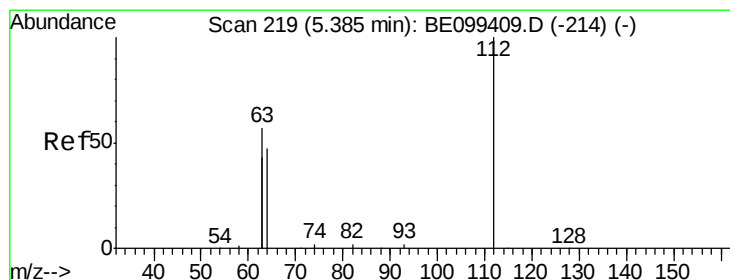
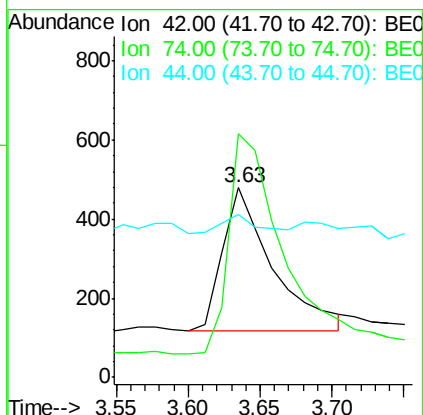




#3
n-Nitrosodimethylamine
Concen: 0.438 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

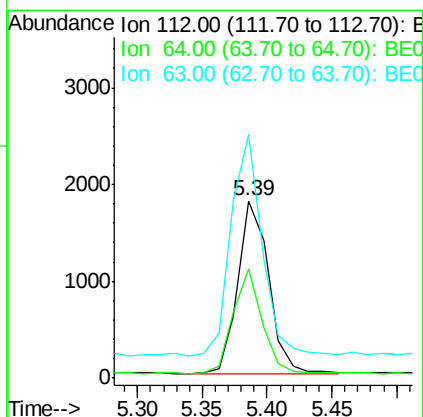
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

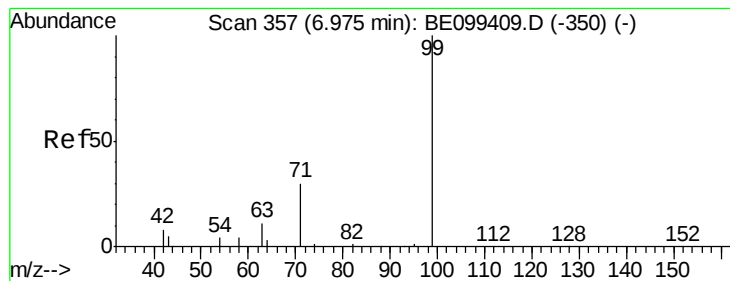
Tot Ion: 42 Resp: 873
Ion Ratio Lower Upper
42 100
74 164.6 141.6 212.4
44 8.4 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.441 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

Tgt Ion: 112 Resp: 2926
Ion Ratio Lower Upper
112 100
64 57.3 47.4 71.0
63 128.0 104.3 156.5





#5

Phenol-d6

Concen: 0.487 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

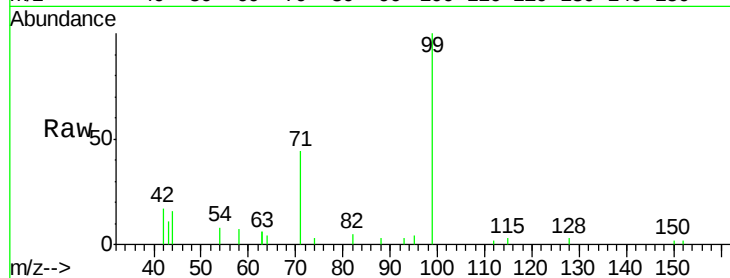
Tot Ion: 99 Resp: 4306

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

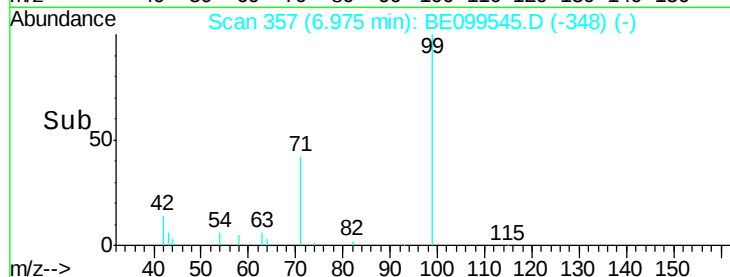
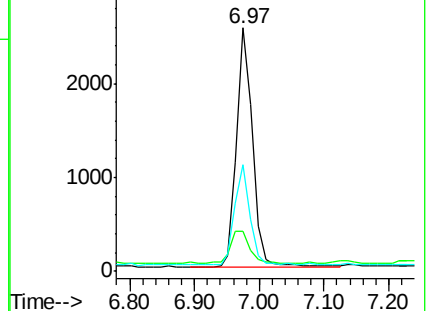
71 40.0 33.0 49.6



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: 0.394 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

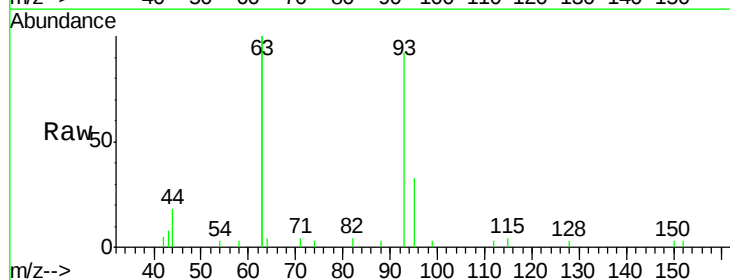
Tgt Ion: 93 Resp: 3002

Ion Ratio Lower Upper

93 100

63 269.1 215.6 323.4

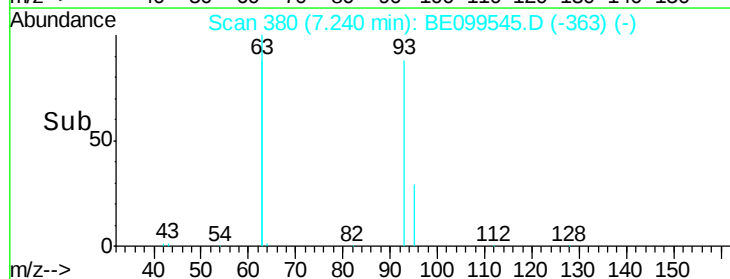
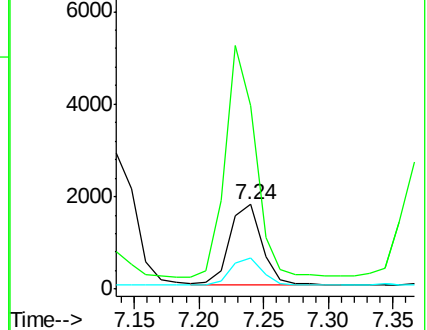
95 34.9 26.2 39.2



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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9336

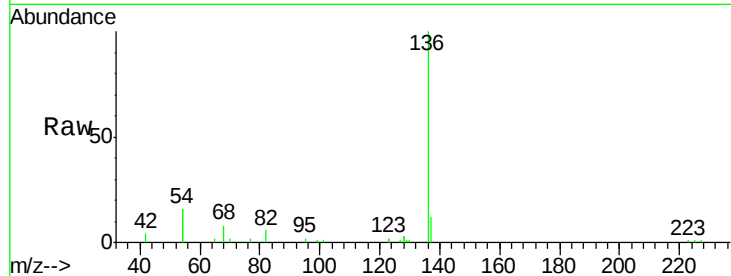
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.8

54 32.4 18.5 27.7#

68 7.6 4.7 7.1#

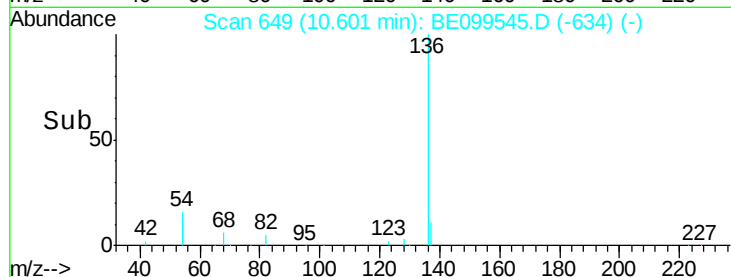
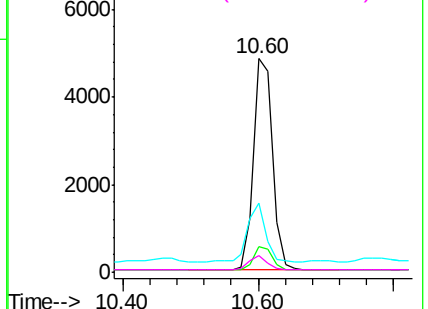


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.456 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

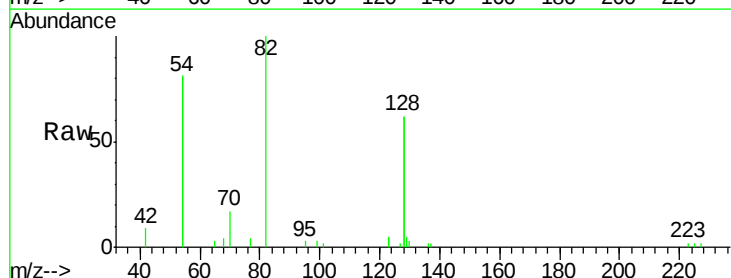
Tgt Ion: 82 Resp: 3992

Ion Ratio Lower Upper

82 100

128 124.8 107.0 160.4

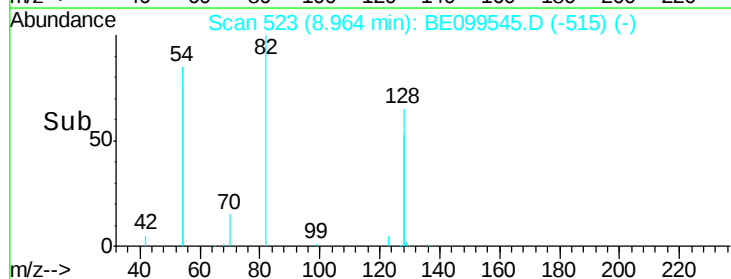
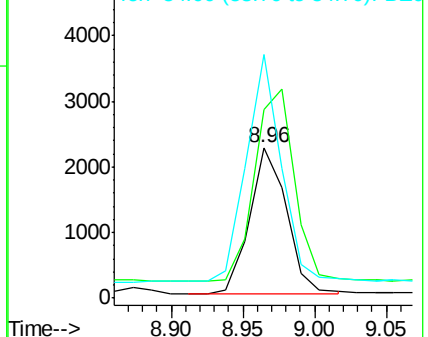
54 161.6 113.1 169.7

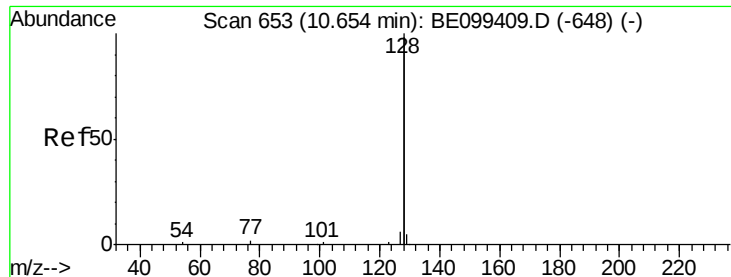


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

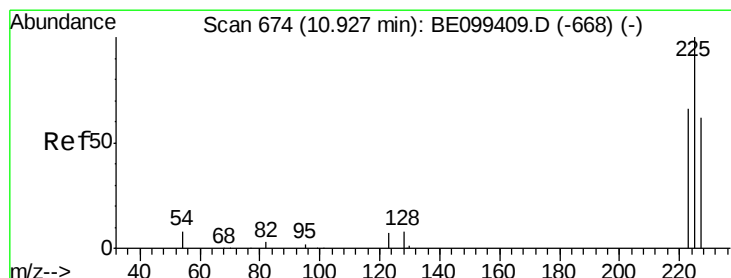
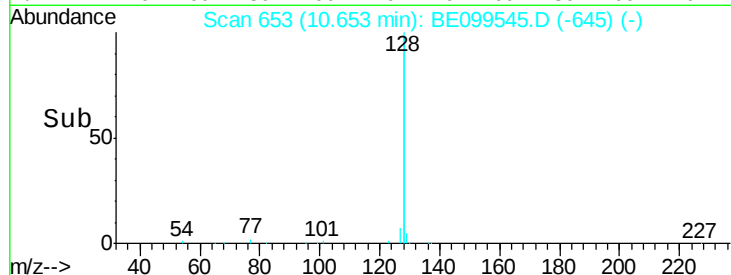
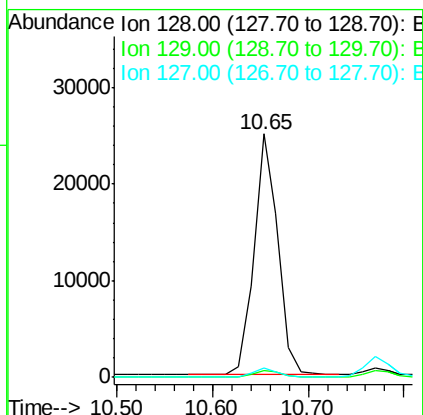
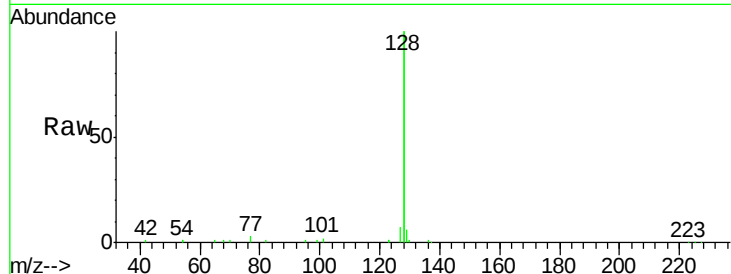




#9
Naphthalene
Concen: 0.423 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

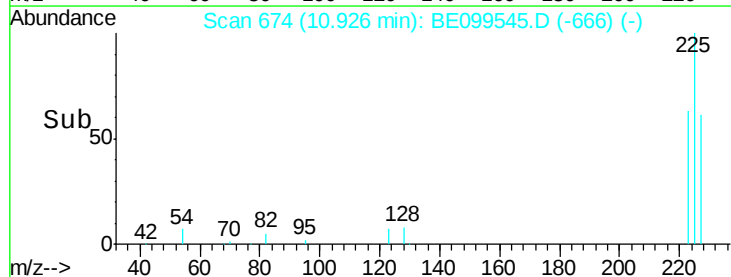
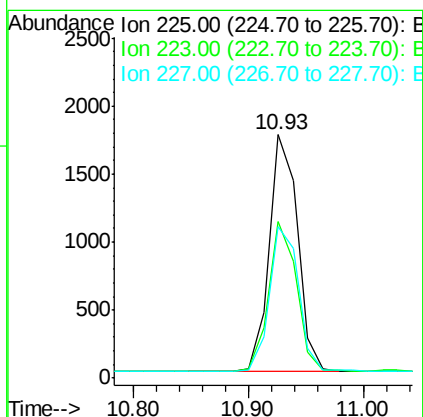
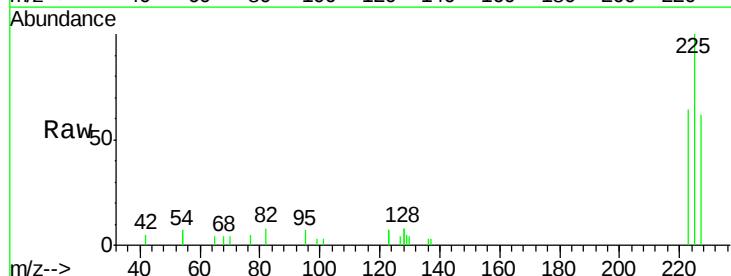
Instrument :
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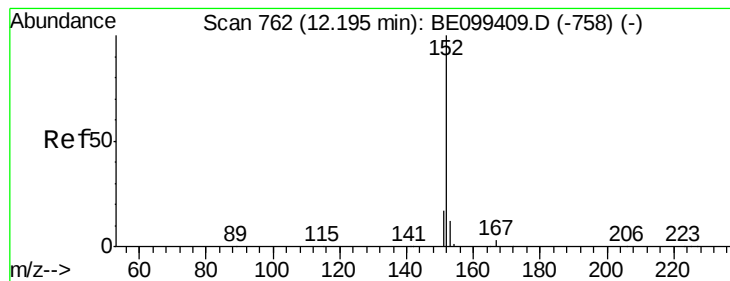
Tot Ion:128 Resp: 43035
Ion Ratio Lower Upper
128 100
129 2.9 2.4 3.6
127 3.6 2.8 4.2



#10
Hexachlorobutadiene
Concen: 0.426 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

Tgt Ion:225 Resp: 3017
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 62.7 50.9 76.3





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

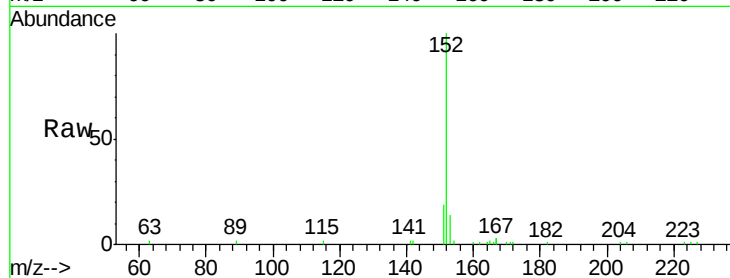
SSTDCCC0.4EC

Tot Ion:152 Resp: 6976

Ion Ratio Lower Upper

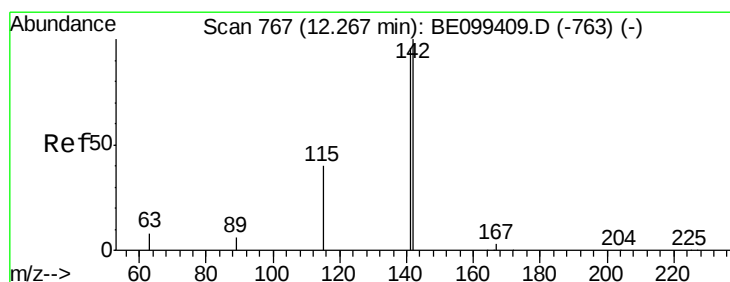
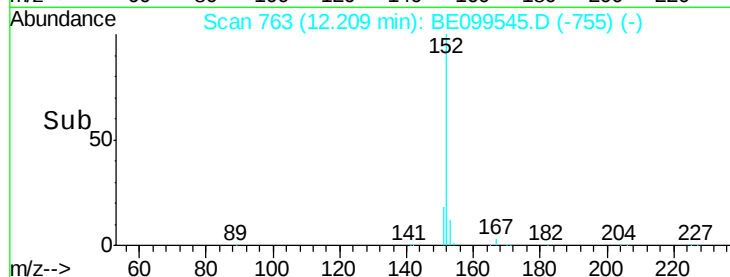
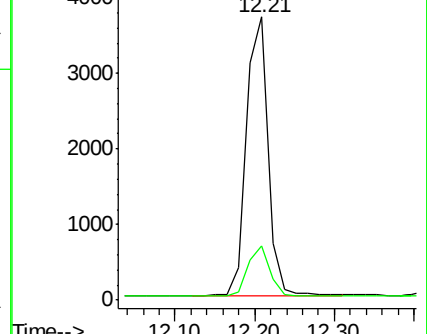
152 100

151 18.6 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

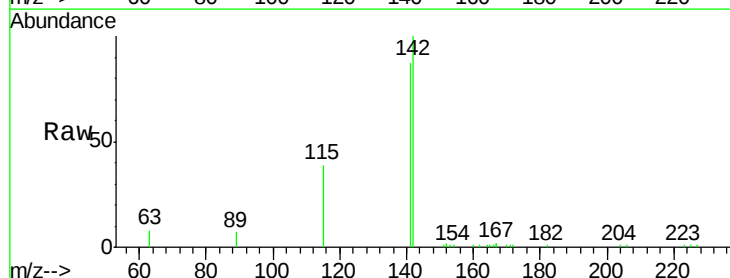
Tgt Ion:142 Resp: 7433

Ion Ratio Lower Upper

142 100

141 87.3 77.0 115.4

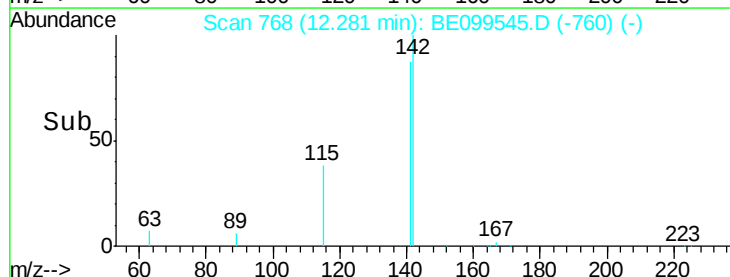
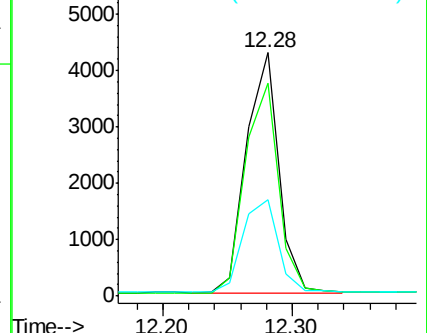
115 39.4 33.4 50.0

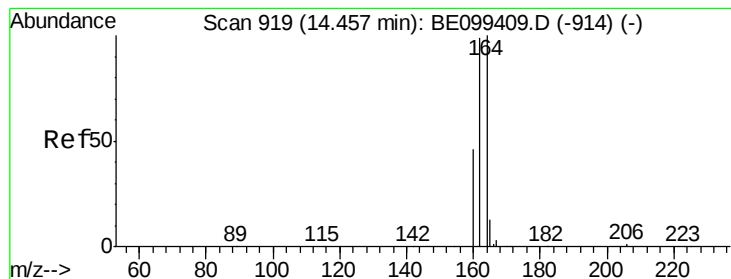


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

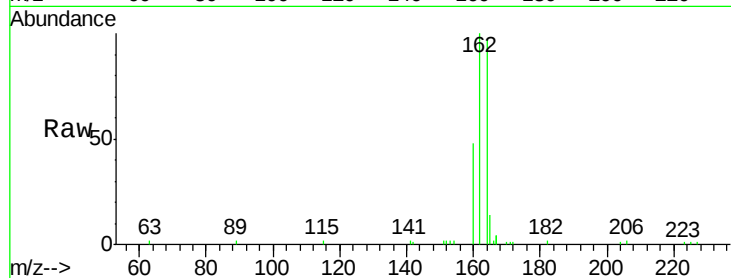
Tot Ion:164 Resp: 7249

Ion Ratio Lower Upper

164 100

162 102.7 79.0 118.4

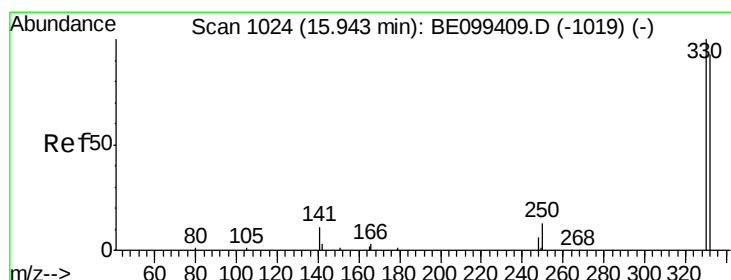
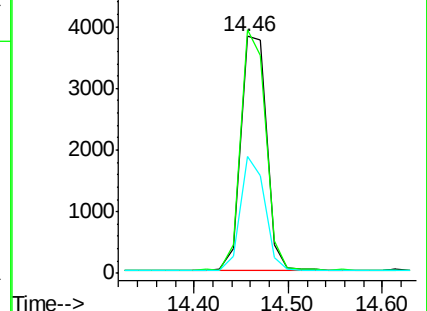
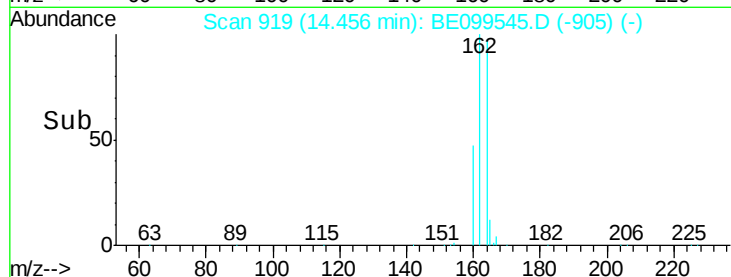
160 49.3 37.0 55.4



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: 0.473 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

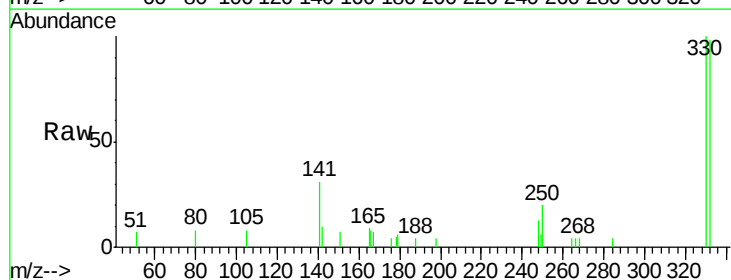
Tgt Ion:330 Resp: 2162

Ion Ratio Lower Upper

330 100

332 100.7 71.5 107.3

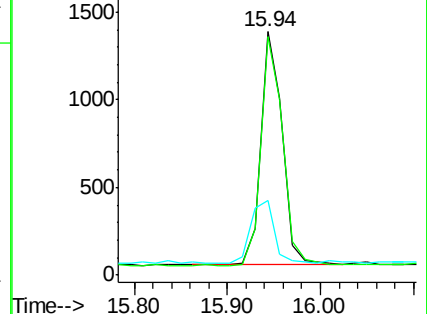
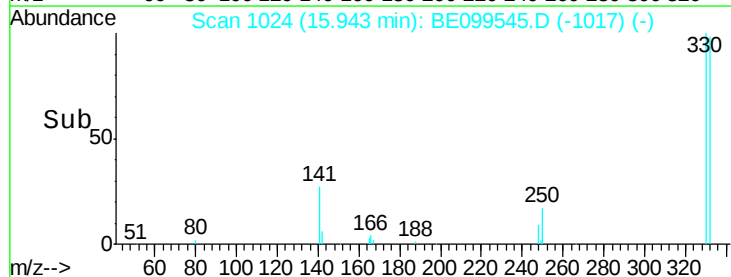
141 29.6 24.0 36.0

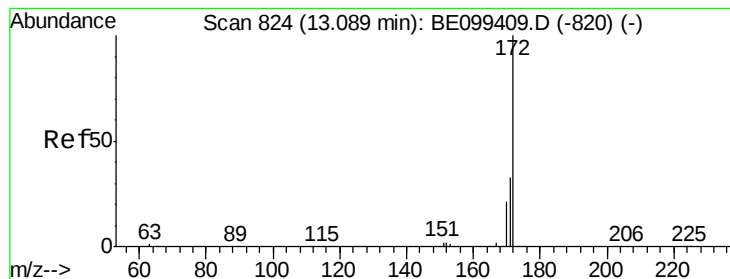


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.402 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

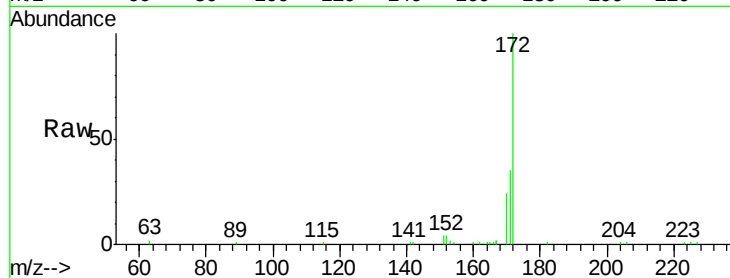
Tot Ion:172 Resp: 11113

Ion Ratio Lower Upper

172 100

171 34.9 26.6 39.8

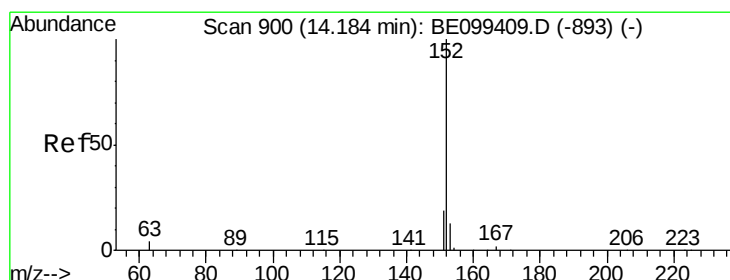
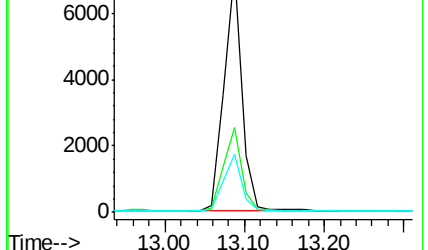
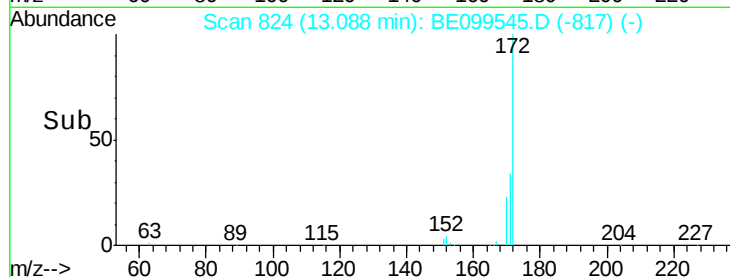
170 23.9 17.0 25.6



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: 0.406 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

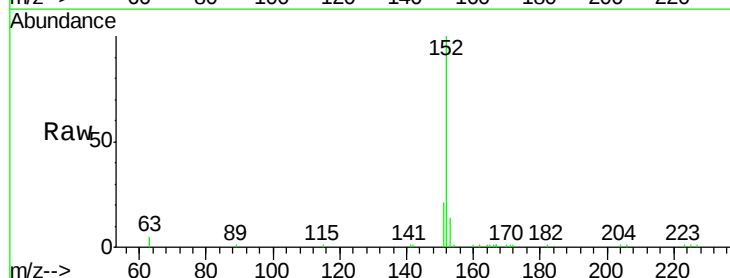
Tgt Ion:152 Resp: 14400

Ion Ratio Lower Upper

152 100

151 20.1 15.4 23.2

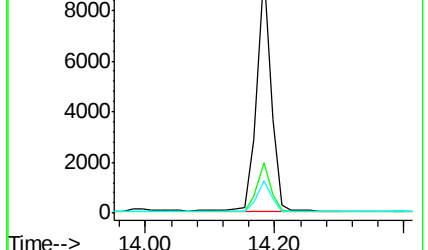
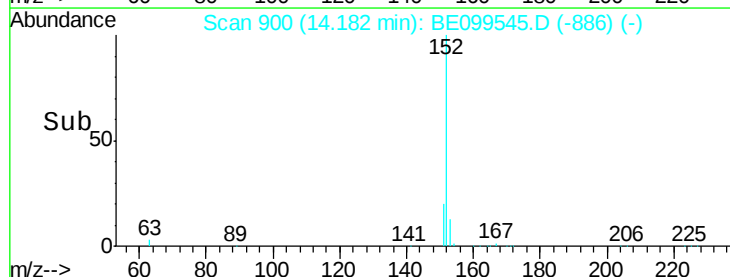
153 13.1 9.8 14.6

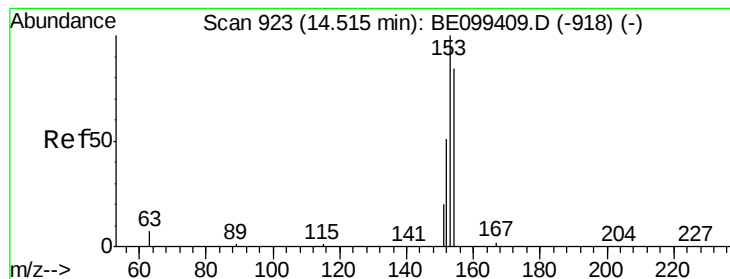


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

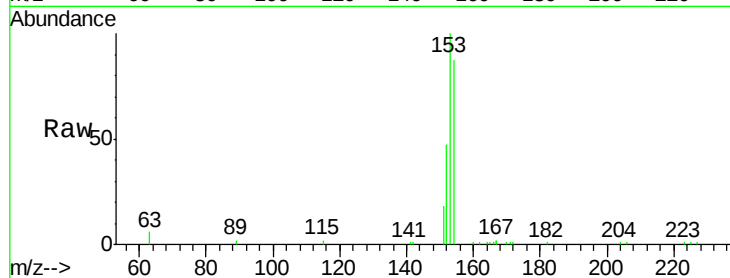
Tot Ion:154 Resp: 8188

Ion Ratio Lower Upper

154 100

153 116.6 92.6 138.8

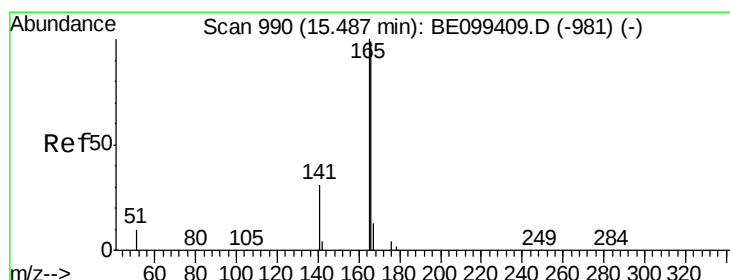
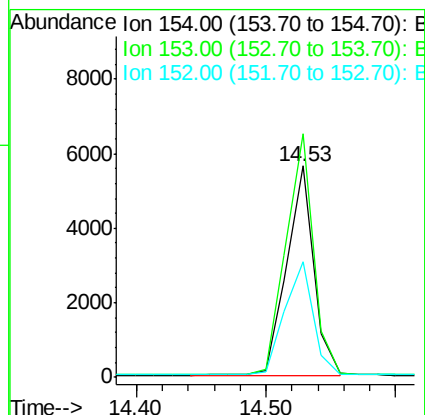
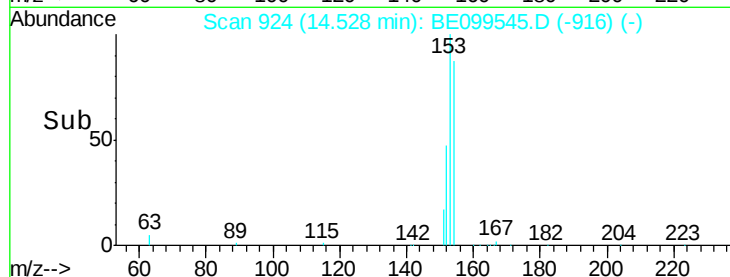
152 56.5 45.8 68.8



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: 0.399 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

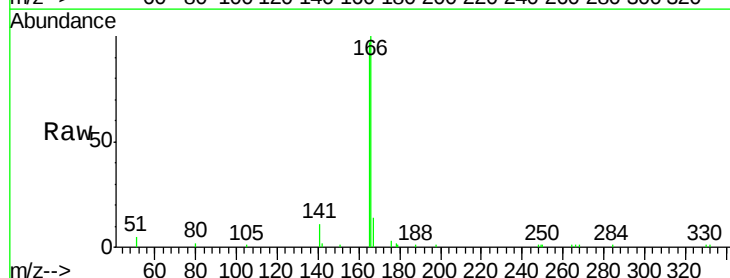
Tgt Ion:166 Resp: 11913

Ion Ratio Lower Upper

166 100

165 100.6 80.3 120.5

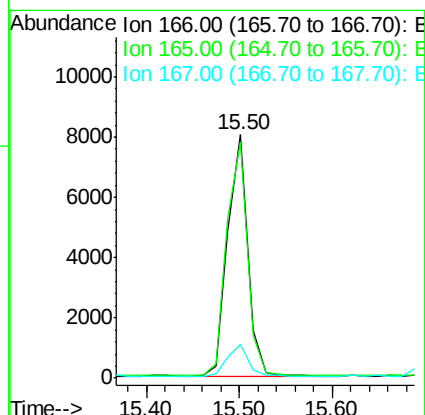
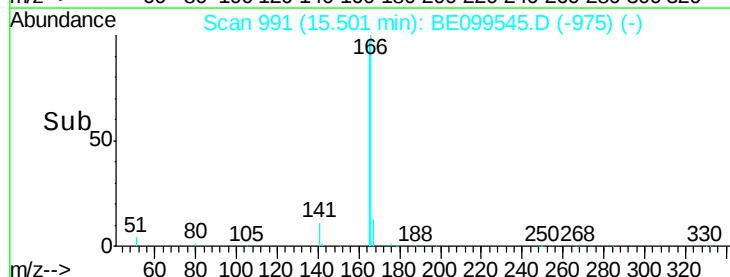
167 13.1 10.7 16.1

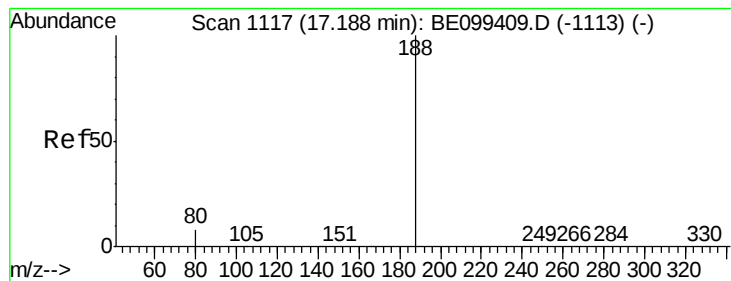


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

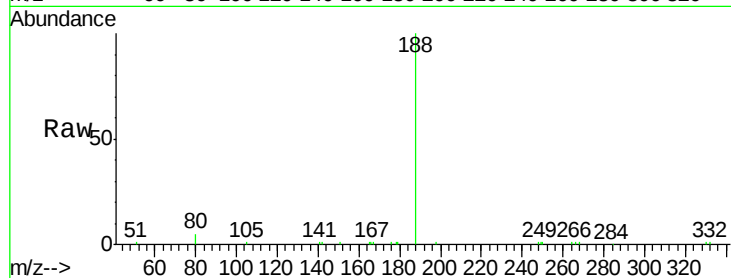
Tot Ion:188 Resp: 19970

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

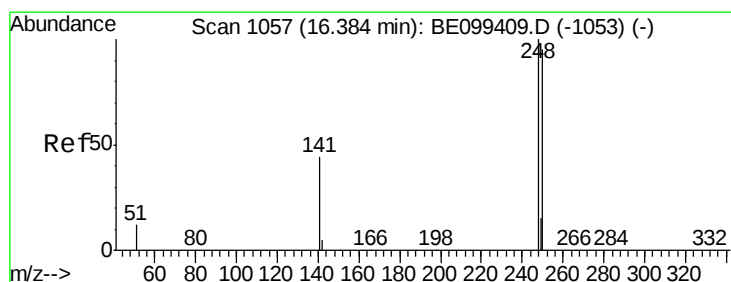
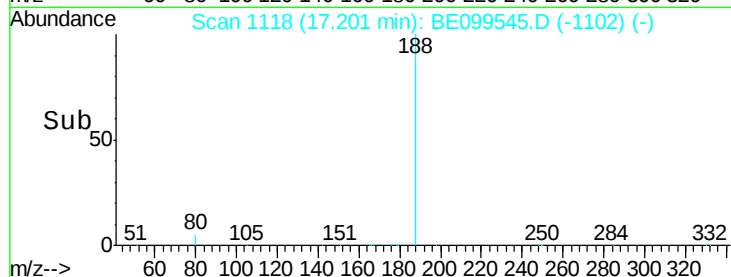
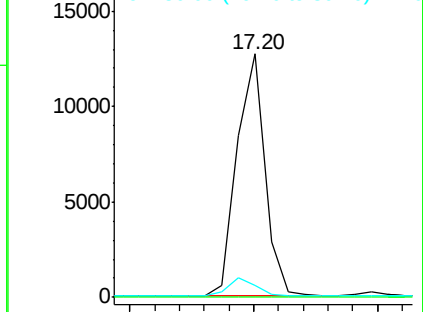
80 5.1 6.7 10.1#



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: 0.425 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

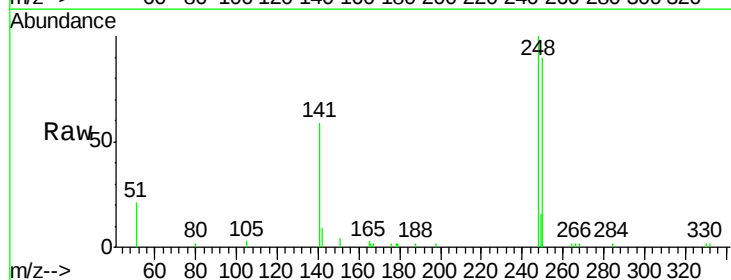
Tgt Ion:248 Resp: 4937

Ion Ratio Lower Upper

248 100

250 90.1 75.8 113.8

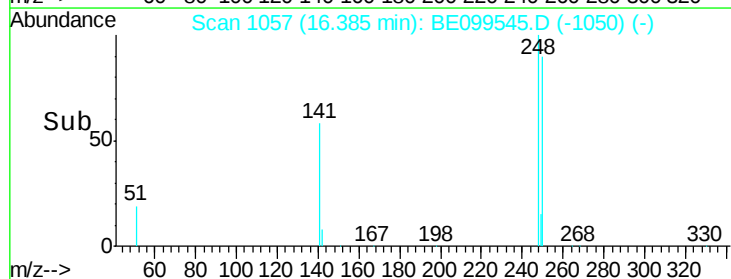
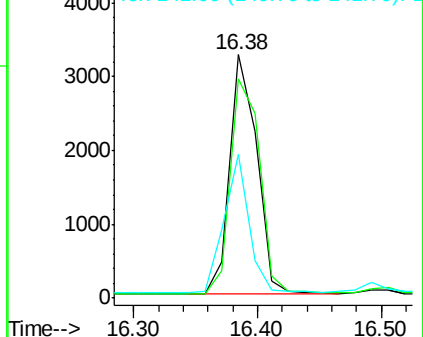
141 59.0 35.7 53.5#

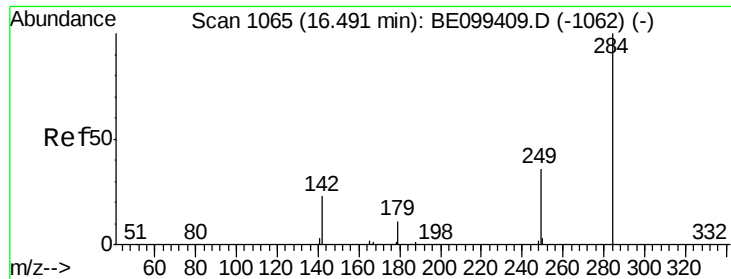


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

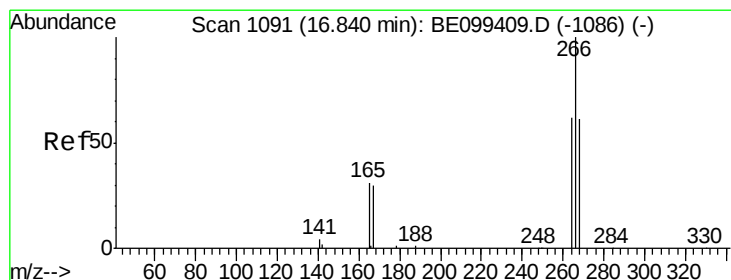
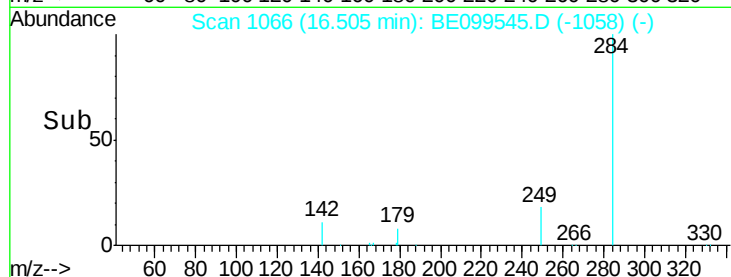
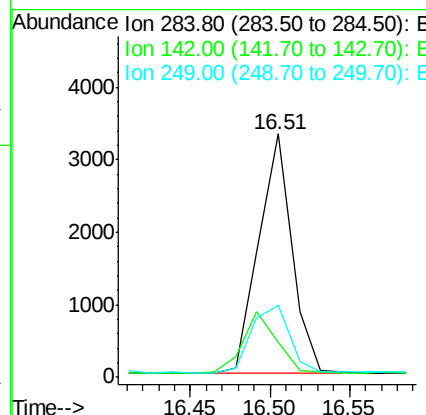
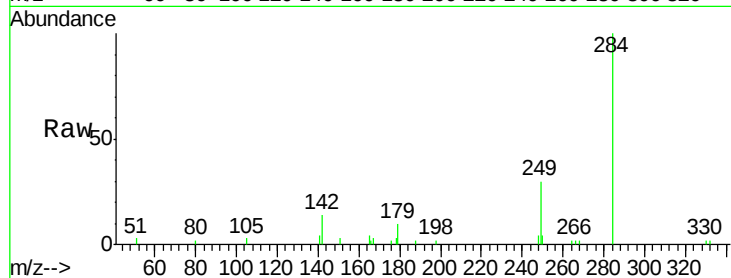




#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.51 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

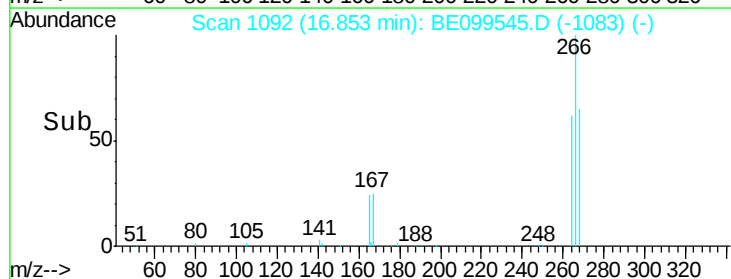
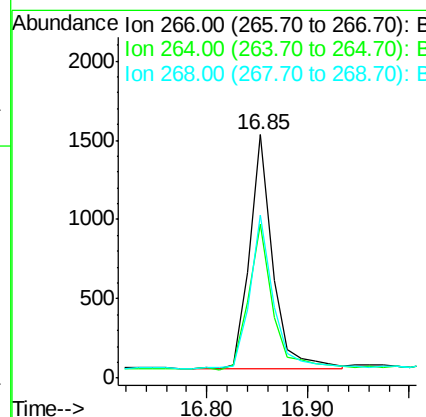
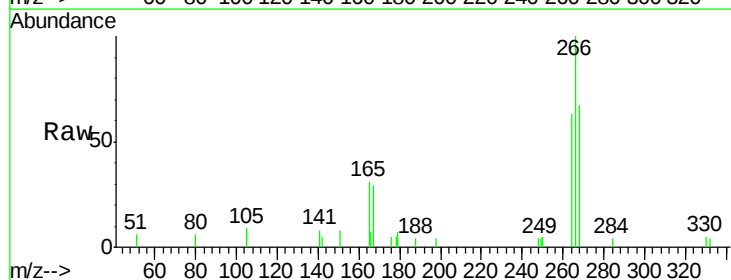
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

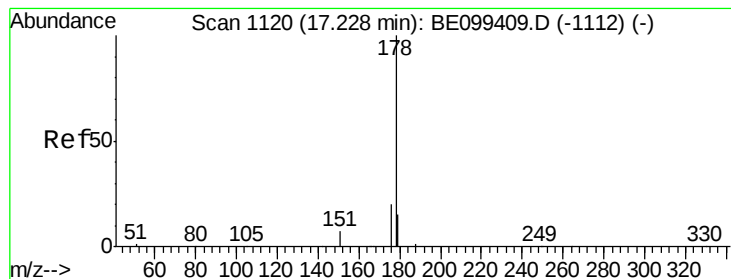
Tot Ion:284 Resp: 4803
Ion Ratio Lower Upper
284 100
142 26.1 21.0 31.6
249 31.8 26.7 40.1



#22
Pentachlorophenol
Concen: 0.570 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

Tgt Ion:266 Resp: 2363
Ion Ratio Lower Upper
266 100
264 63.4 50.8 76.2
268 66.7 50.5 75.7





#23

Phenanthrene

Concen: 0.402 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

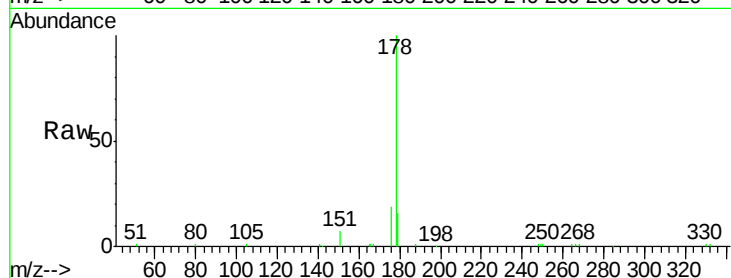
Tot Ion:178 Resp: 20707

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

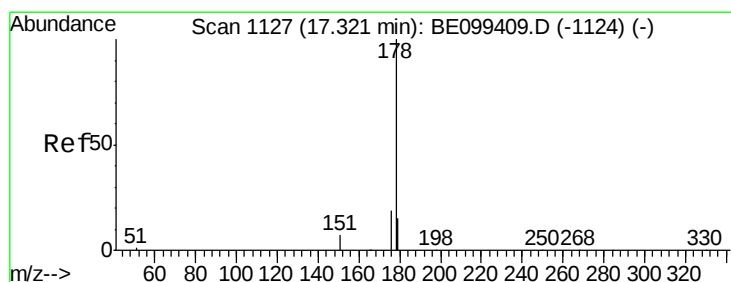
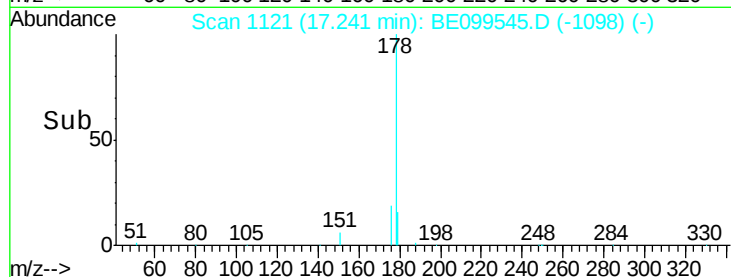
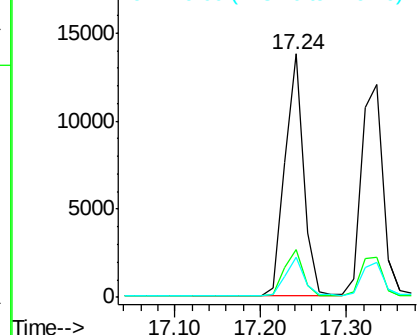
179 15.9 12.0 18.0



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: 0.426 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

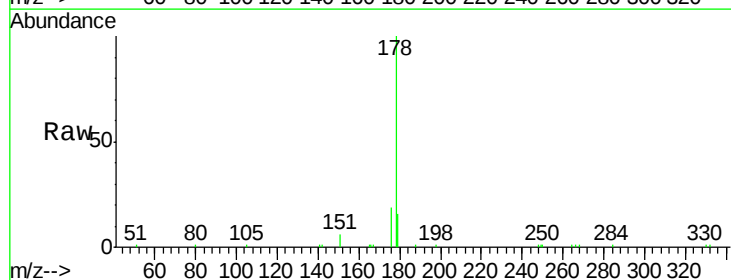
Tgt Ion:178 Resp: 20923

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

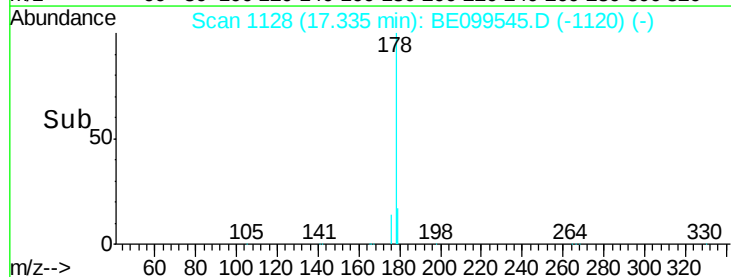
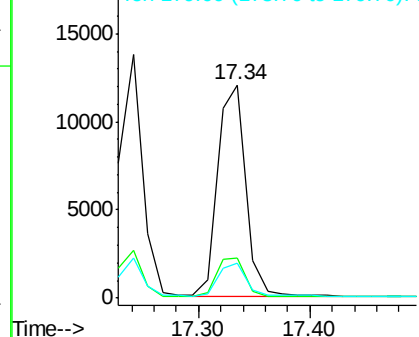
179 15.9 11.9 17.9

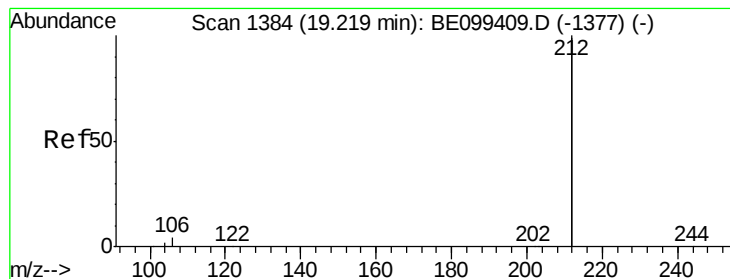


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

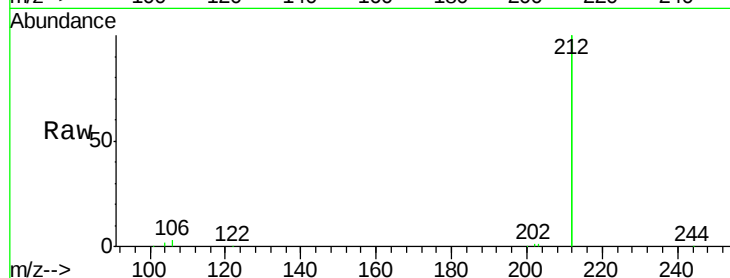
Tot Ion:212 Resp: 100844

Ion Ratio Lower Upper

212 100

106 1.7 1.5 2.3

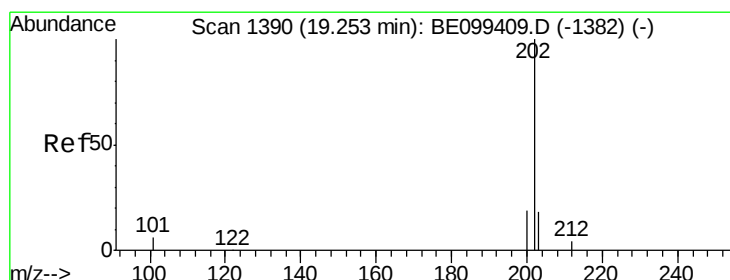
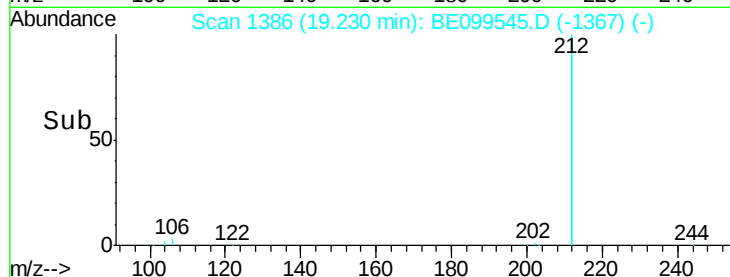
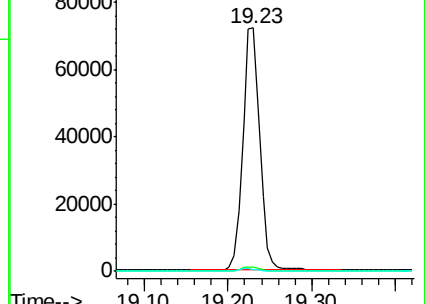
104 1.0 0.9 1.3



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: 0.384 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

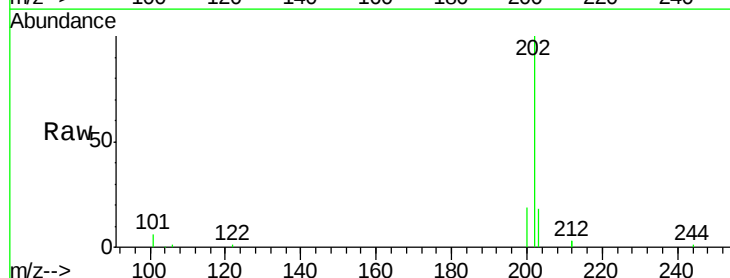
Tgt Ion:202 Resp: 29650

Ion Ratio Lower Upper

202 100

101 6.2 5.4 8.0

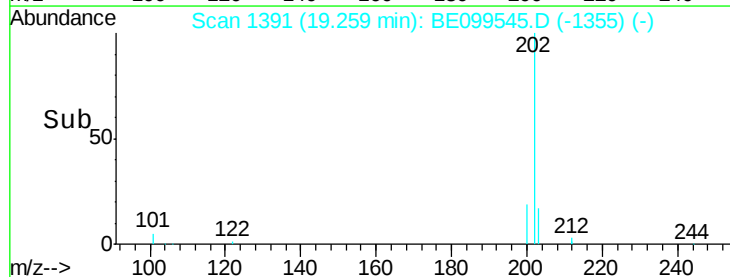
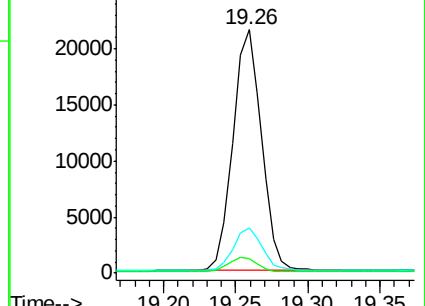
203 17.2 13.9 20.9



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

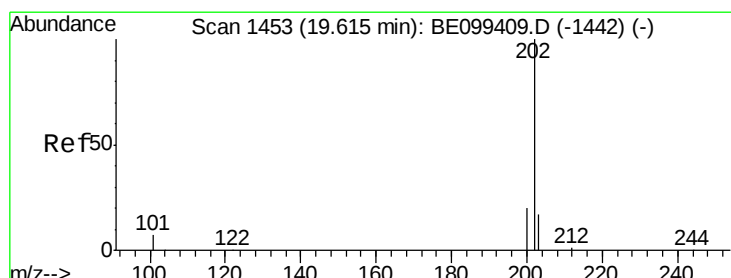
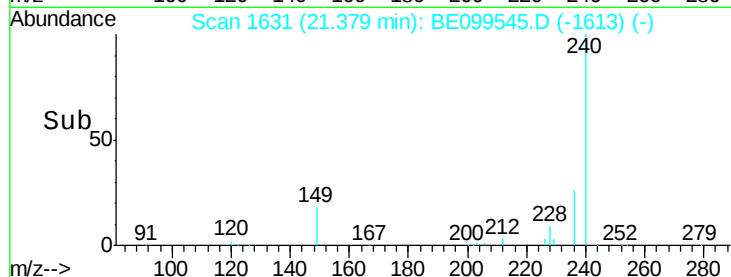
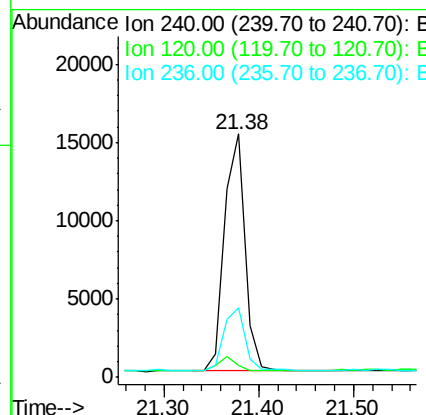
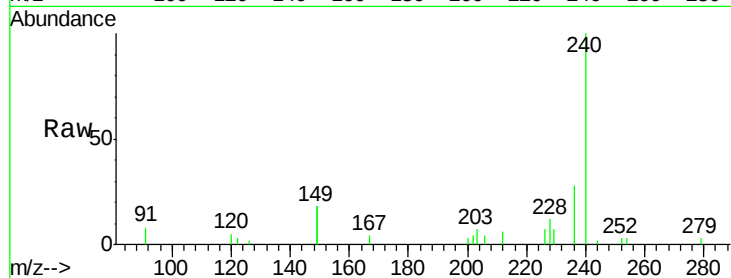




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

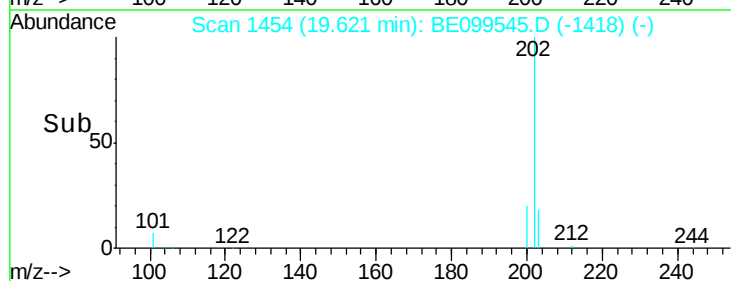
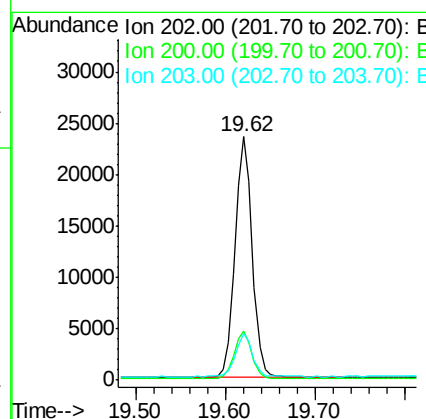
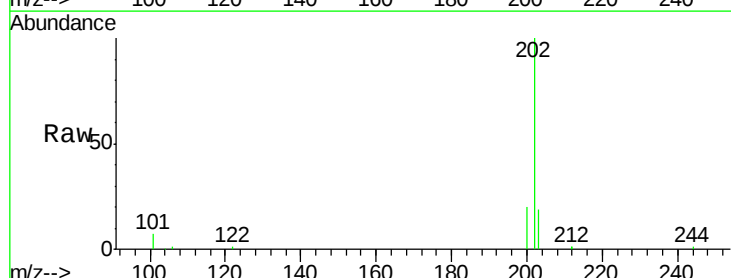
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

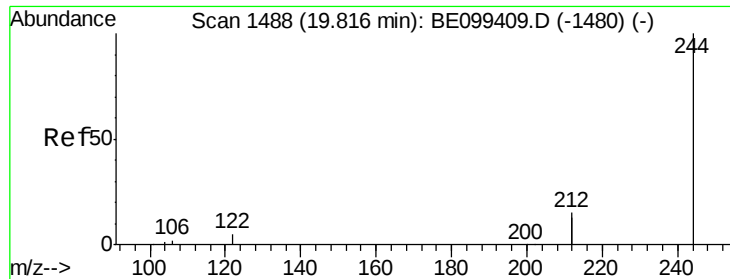
Tot Ion:240 Resp: 22773
Ion Ratio Lower Upper
240 100
120 4.9 4.0 6.0
236 28.3 22.0 33.0



#28
Pyrene
Concen: 0.520 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

Tgt Ion:202 Resp: 30846
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.522 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

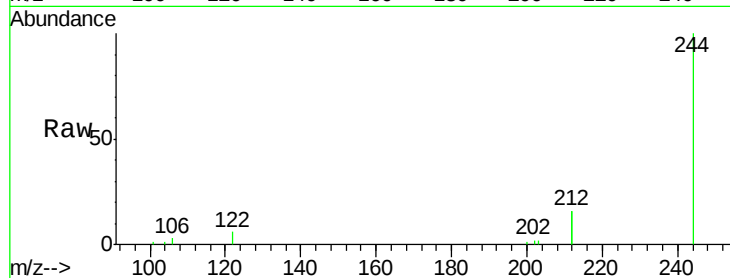
Tot Ion:244 Resp: 21776

Ion Ratio Lower Upper

244 100

212 31.9 23.2 34.8

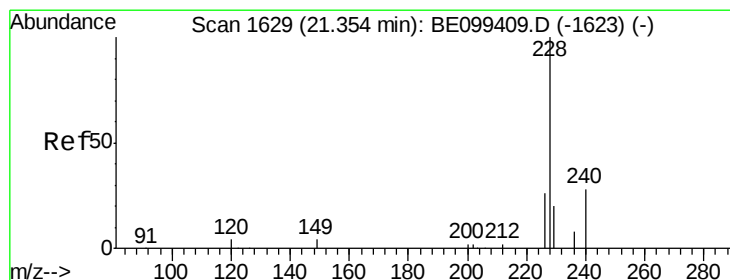
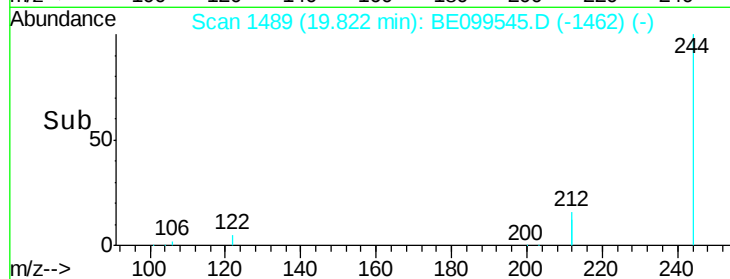
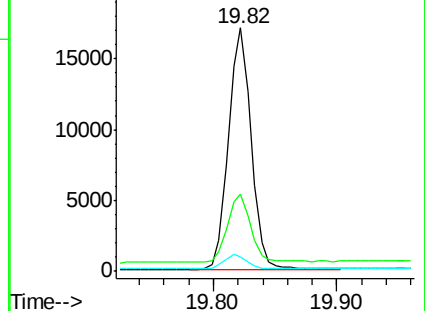
122 6.1 4.2 6.4



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: 0.474 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

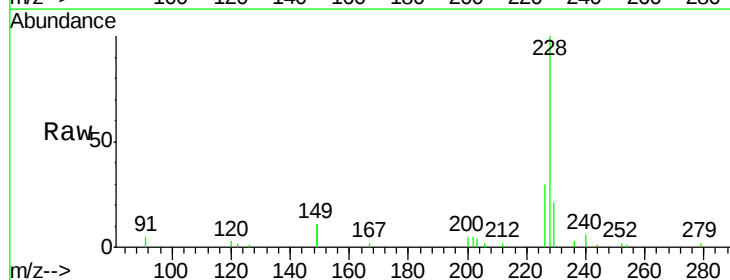
Tgt Ion:228 Resp: 34358

Ion Ratio Lower Upper

228 100

226 29.6 21.0 31.6

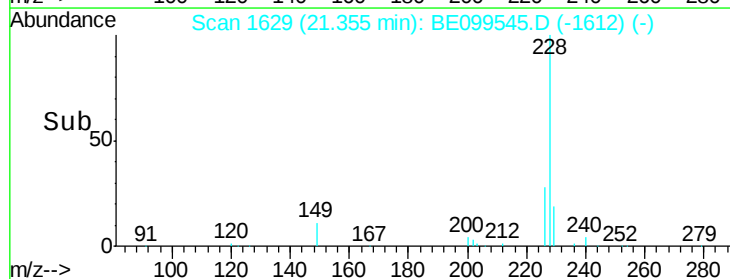
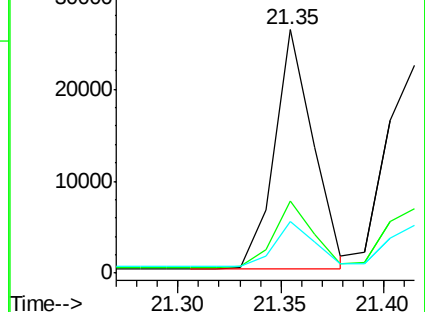
229 21.4 16.6 25.0



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: 0.460 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

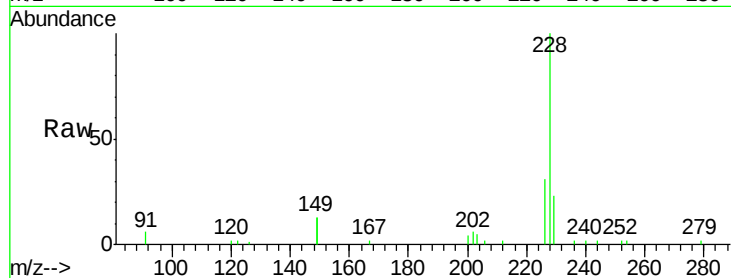
Tot Ion:228 Resp: 32653

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

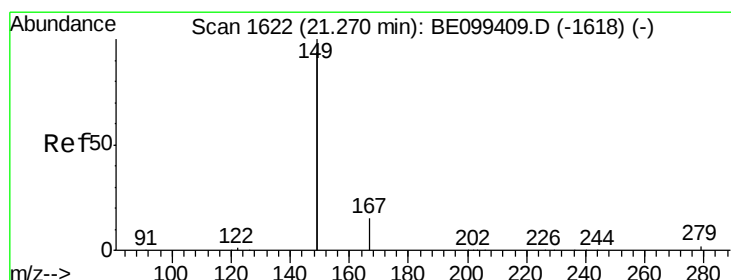
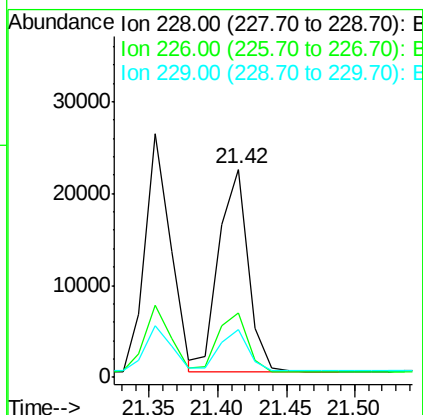
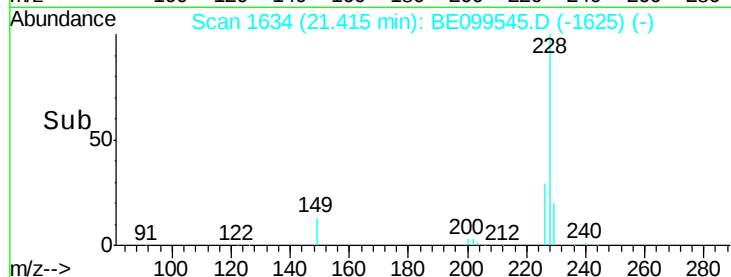
229 23.2 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.480 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

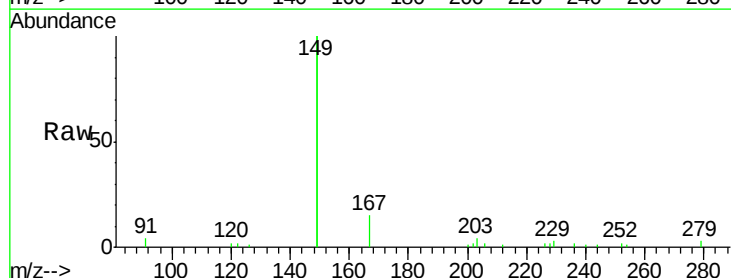
Tgt Ion:149 Resp: 56475

Ion Ratio Lower Upper

149 100

167 7.9 5.8 8.6

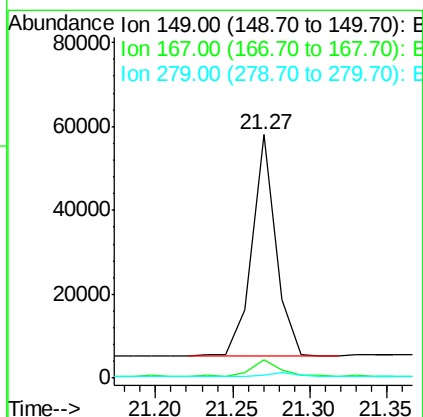
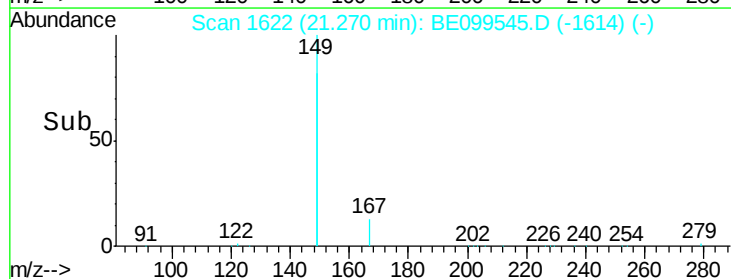
279 1.6 1.0 1.6#



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

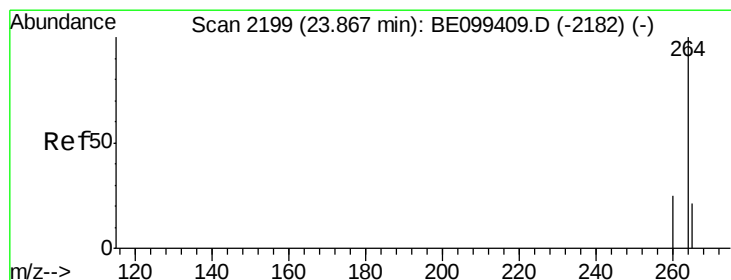
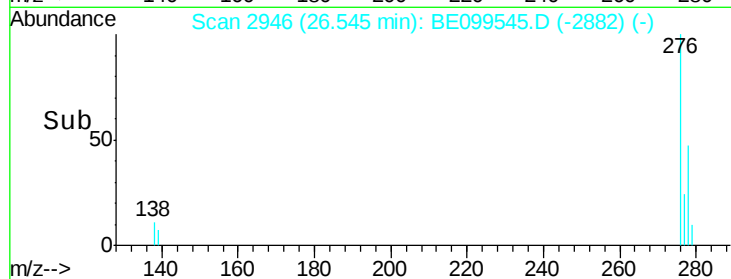
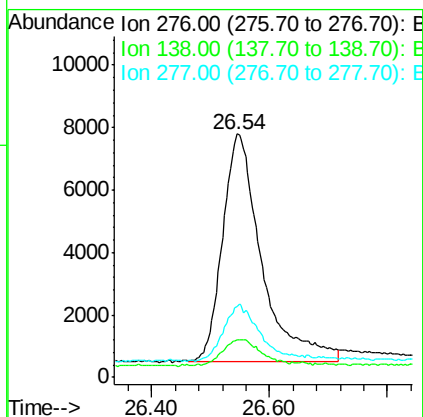
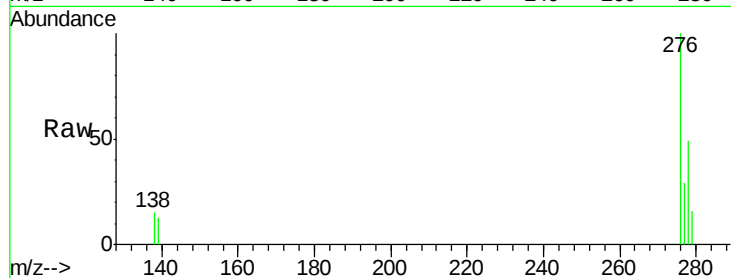




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.03 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

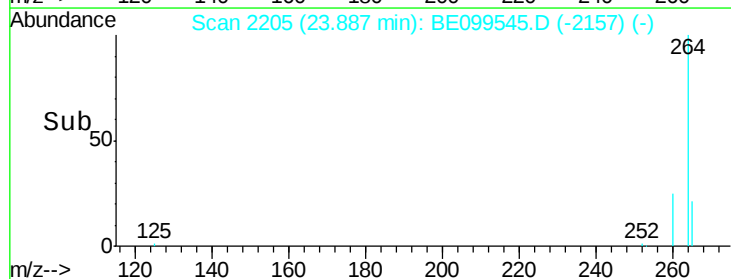
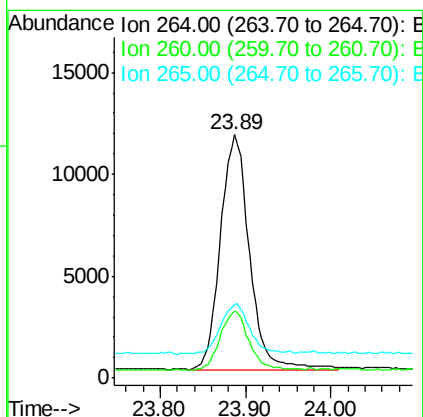
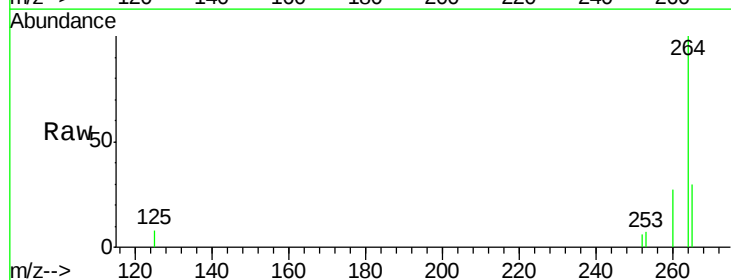
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 33628
Ion Ratio Lower Upper
276 100
138 10.9 10.2 15.2
277 23.3 19.2 28.8



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BE099545.D
Acq: 4 May 2019 00:20

Tgt Ion:264 Resp: 27407
Ion Ratio Lower Upper
264 100
260 27.3 20.2 30.2
265 30.3 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.407 ng

RT: 23.11 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

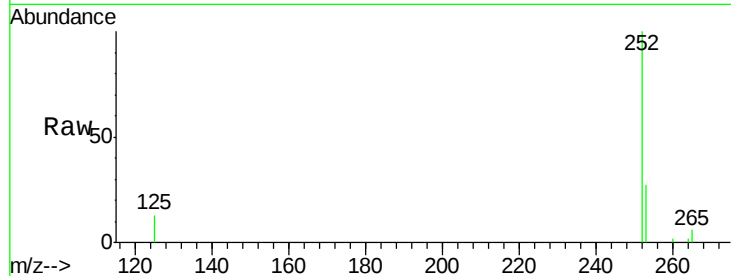
Tot Ion:252 Resp: 32185

Ion Ratio Lower Upper

252 100

253 26.6 18.1 27.1

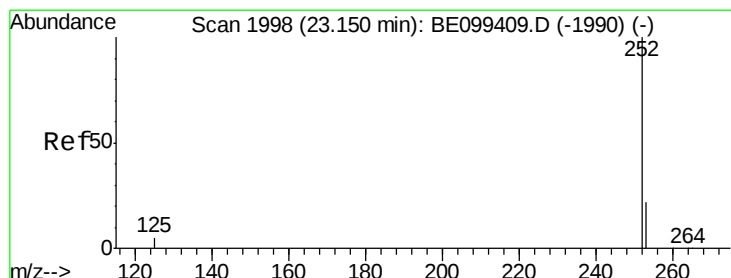
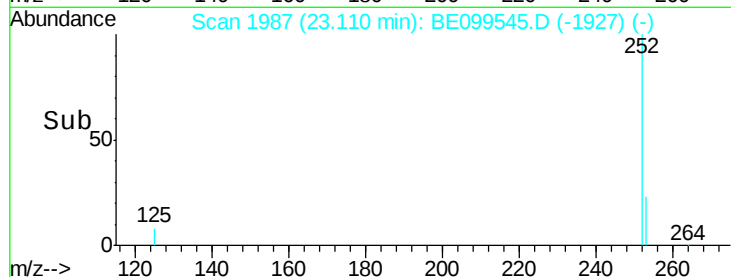
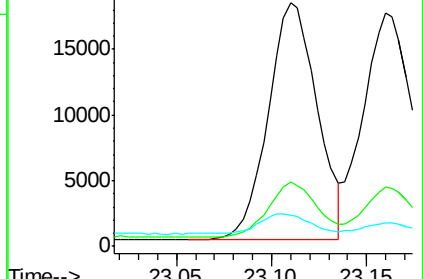
125 12.9 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.420 ng

RT: 23.16 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

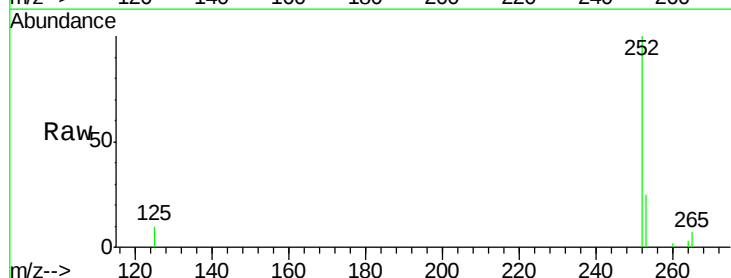
Tgt Ion:252 Resp: 32009

Ion Ratio Lower Upper

252 100

253 25.4 18.4 27.6

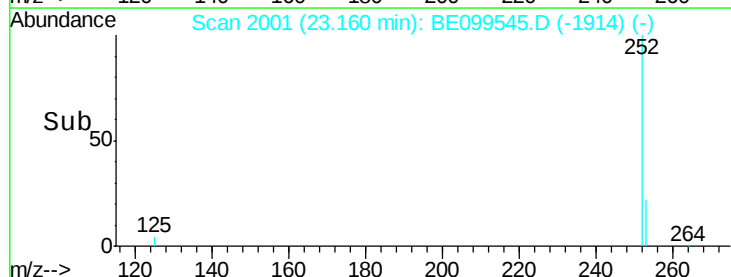
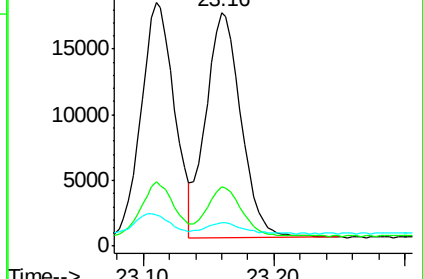
125 9.8 5.0 7.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.416 ng

RT: 23.77 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

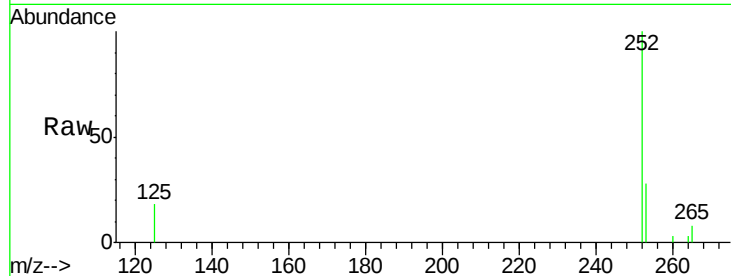
Tot Ion:252 Resp: 31064

Ion Ratio Lower Upper

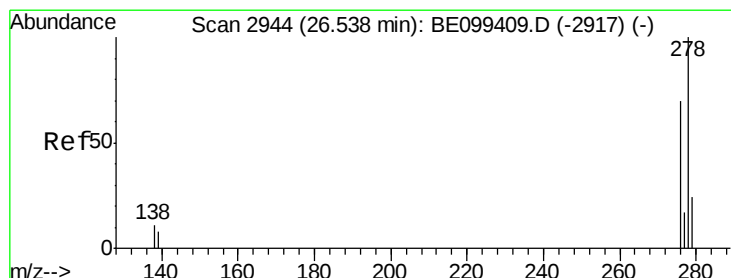
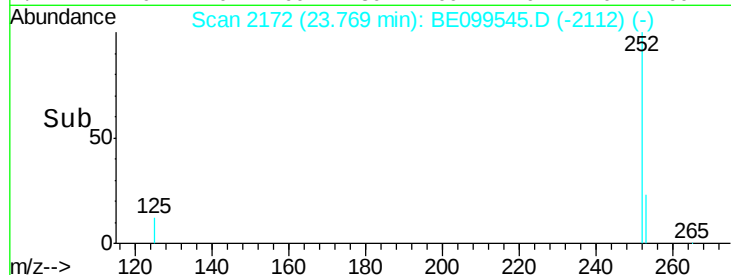
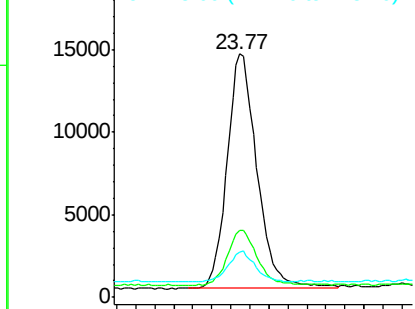
252 100

253 27.7 18.9 28.3

125 18.4 6.7 10.1#



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: 0.368 ng

RT: 26.57 min Scan# 2954

Delta R.T. 0.04 min

Lab File: BE099545.D

Acq: 4 May 2019 00:20

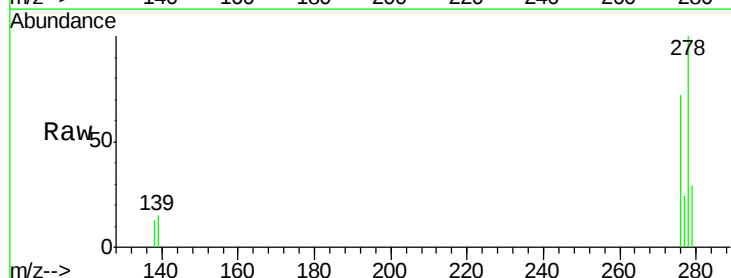
Tgt Ion:278 Resp: 28107

Ion Ratio Lower Upper

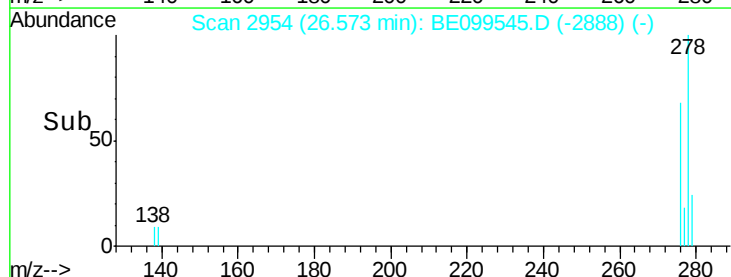
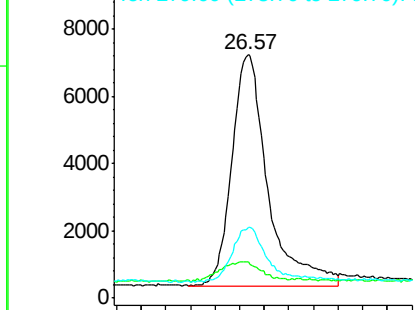
278 100

139 14.7 7.7 11.5#

279 29.3 20.2 30.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.304 ng

RT: 27.37 min Scan# 3178

Delta R.T. 0.04 min

Lab File: BE099545.D

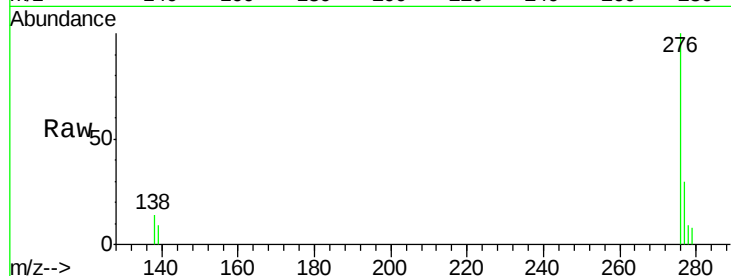
Acq: 4 May 2019 00:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 23249

Ion Ratio Lower Upper

276 100

277 29.9 19.5 29.3#

138 14.4 9.6 14.4#

