

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100928.D
 Acq On : 16 Dec 2019 20:05
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 17 06:19:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4372	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	19966	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11477	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	25814	0.40	ng	0.00
27) Chrysene-d12	21.29	240	22261	0.40	ng	-0.01
34) Perylene-d12	23.74	264	26226	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	5017	0.48	ng	-0.01
5) Phenol-d6	6.93	99	7340	0.47	ng	0.00
8) Nitrobenzene-d5	8.90	82	5752	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	12461	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	928	0.73	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	17608	0.39	ng	0.00
25) Fluoranthene-d10	19.15	212	110677	0.36	ng	0.00
29) Terphenyl-d14	19.75	244	22628	0.42	ng	0.00

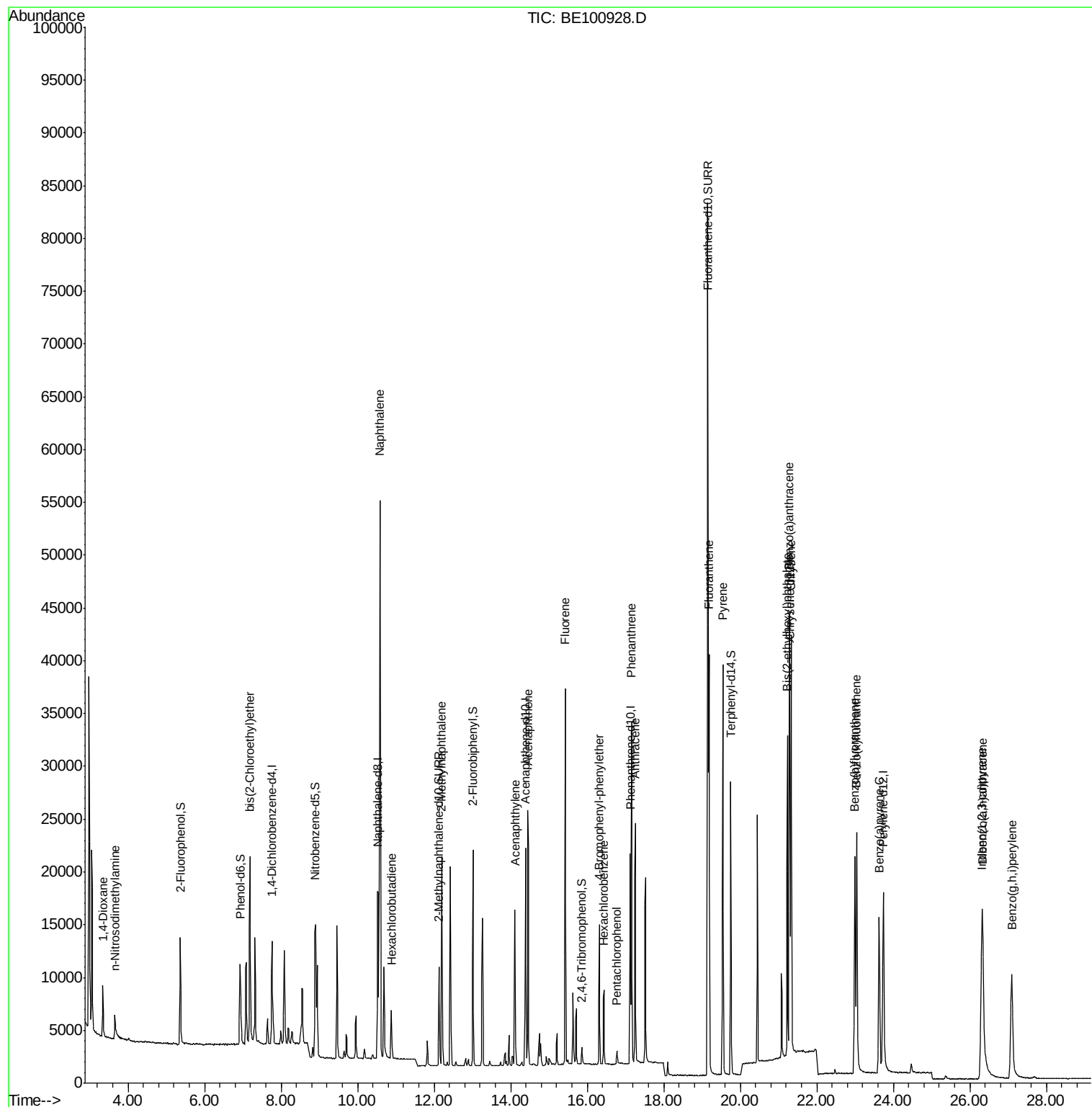
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3537	0.444	ng	98
3) n-Nitrosodimethylamine	3.65	42	2635	0.406	ng	# 90
6) bis(2-Chloroethyl)ether	7.18	93	6632	0.438	ng	97
9) Naphthalene	10.57	128	91578	0.432	ng	100
10) Hexachlorobutadiene	10.89	225	3514	0.425	ng	98
12) 2-Methylnaphthalene	12.20	142	14615	0.441	ng	96
16) Acenaphthylene	14.11	152	20644	0.435	ng	99
17) Acenaphthene	14.44	154	13982	0.427	ng	99
18) Fluorene	15.42	166	18170	0.431	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	5193	0.410	ng	90
21) Hexachlorobenzene	16.44	284	5713	0.415	ng	98
22) Pentachlorophenol	16.77	266	775	0.814	ng	92
23) Phenanthrene	17.16	178	32963	0.422	ng	99
24) Anthracene	17.25	178	26792	0.410	ng	100
26) Fluoranthene	19.18	202	34587	0.371	ng	100
28) Pyrene	19.54	202	34483	0.477	ng	99
30) Benzo(a)anthracene	21.28	228	30100	0.459	ng	99
31) Chrysene	21.33	228	34702	0.450	ng	99
32) Bis(2-ethylhexyl)phthalate	21.23	149	35683	0.749	ng	100
33) Indeno(1,2,3-cd)pyrene	26.31	276	31169	0.464	ng	99
35) Benzo(b)fluoranthene	22.99	252	29761	0.415	ng	99
36) Benzo(k)fluoranthene	23.04	252	33268	0.413	ng	99
37) Benzo(a)pyrene	23.63	252	25876	0.416	ng	99
38) Dibenzo(a,h)anthracene	26.33	278	25110	0.406	ng	99
39) Benzo(g,h,i)perylene	27.09	276	27613	0.418	ng	98

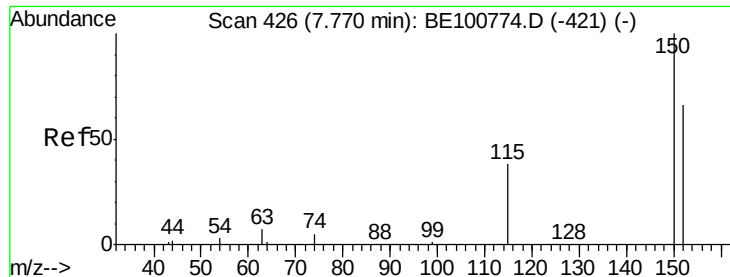
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
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QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

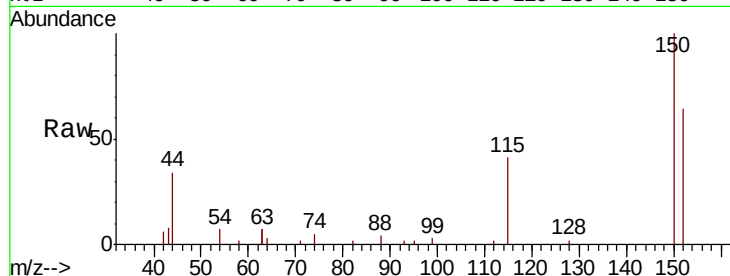
Tot Ion:152 Resp: 4372

Ion Ratio Lower Upper

152 100

150 157.2 125.5 188.3

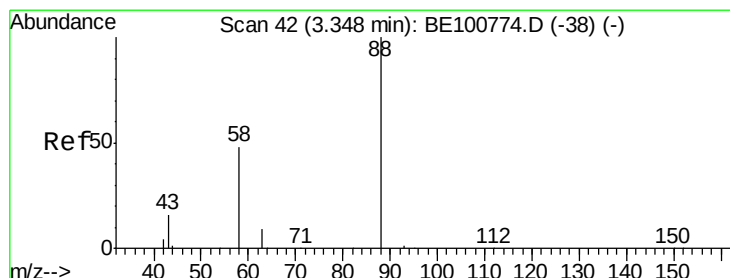
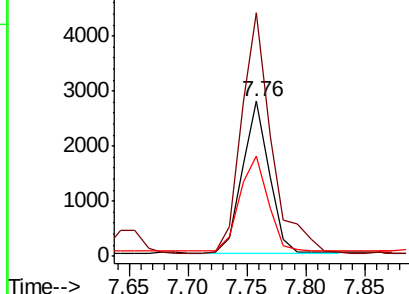
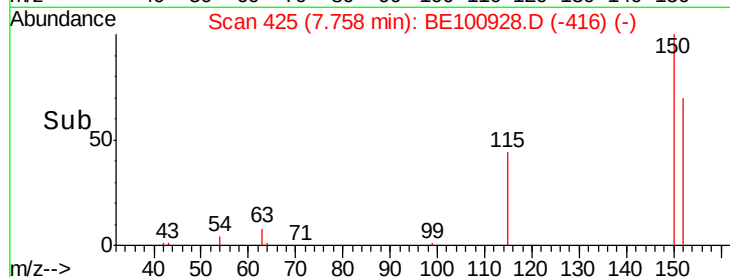
115 64.8 55.7 83.5



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: 0.444 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

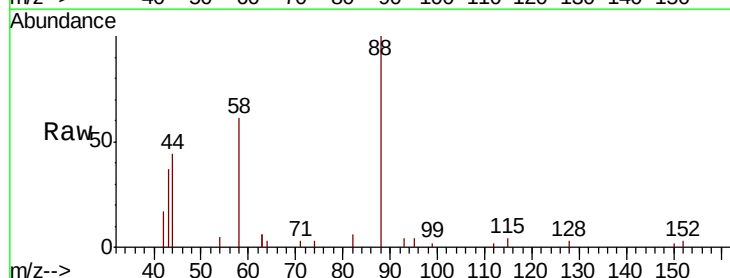
Tgt Ion: 88 Resp: 3537

Ion Ratio Lower Upper

88 100

58 66.6 52.3 78.5

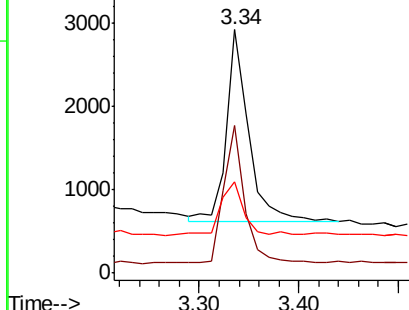
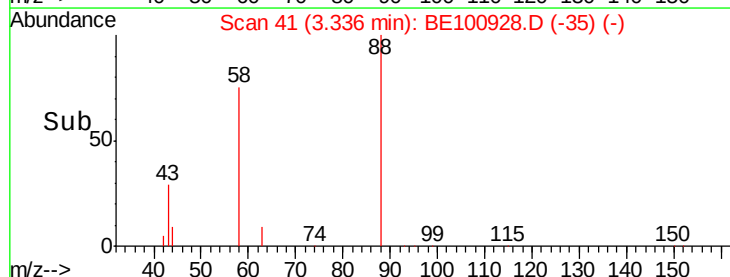
43 27.0 23.5 35.3

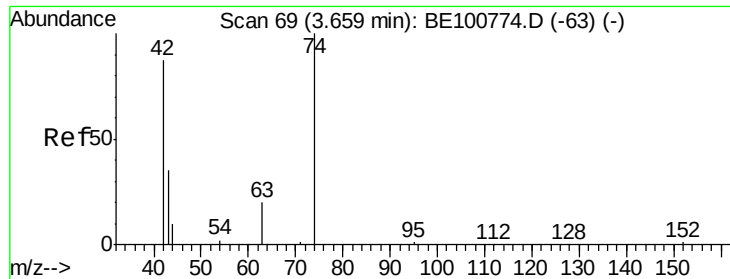


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.406 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

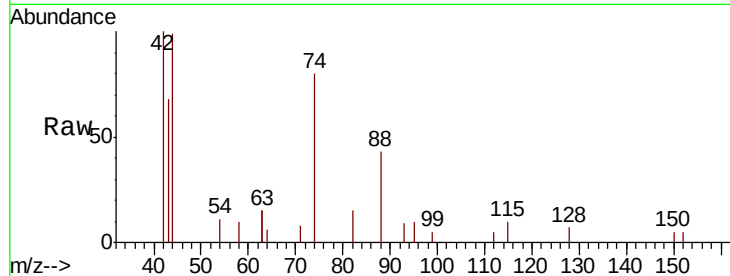
Tot Ion: 42 Resp: 2635

Ion Ratio Lower Upper

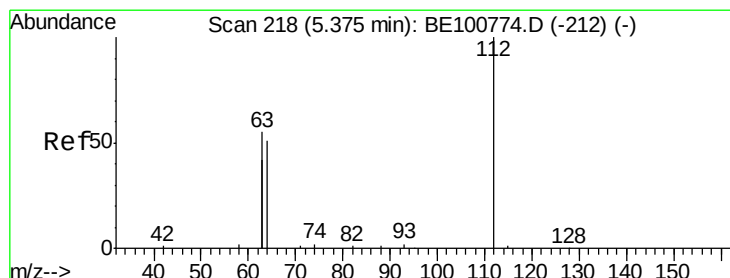
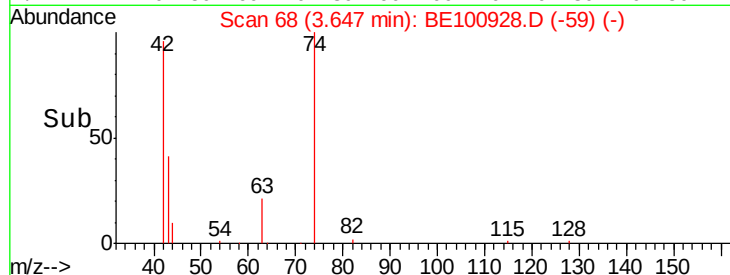
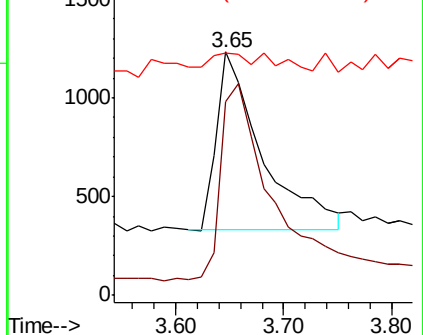
42 100

74 122.8 90.3 135.5

44 6.1 9.0 13.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.484 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

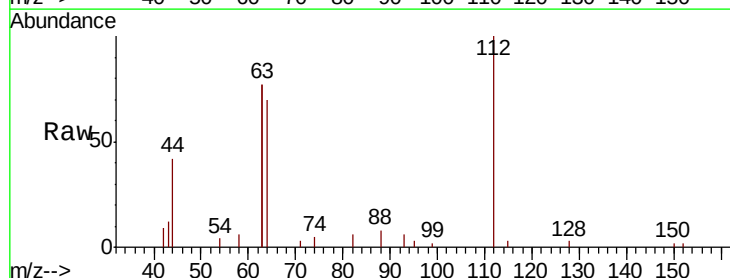
Tgt Ion: 112 Resp: 5017

Ion Ratio Lower Upper

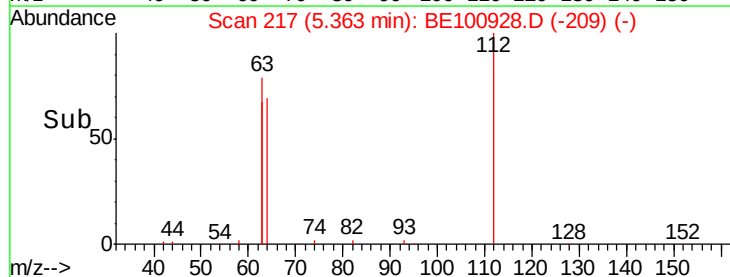
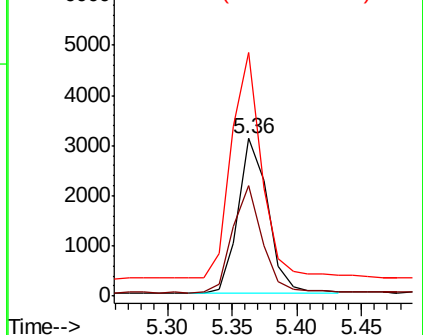
112 100

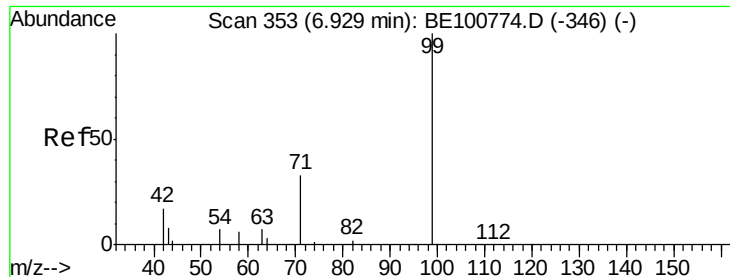
64 68.2 54.5 81.7

63 144.8 116.1 174.1



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.469 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

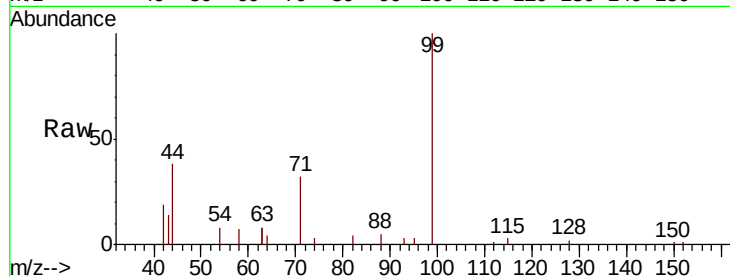
Tot Ion: 99 Resp: 7340

Ion Ratio Lower Upper

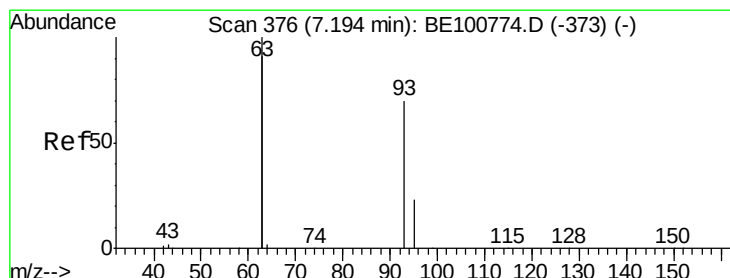
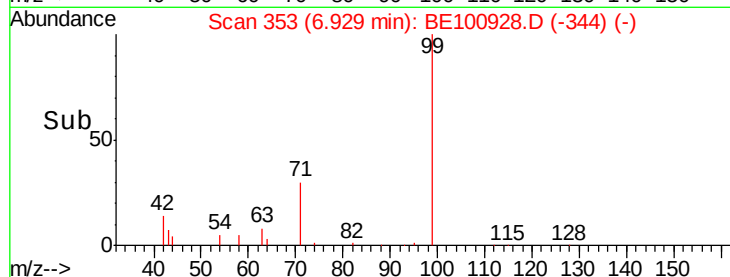
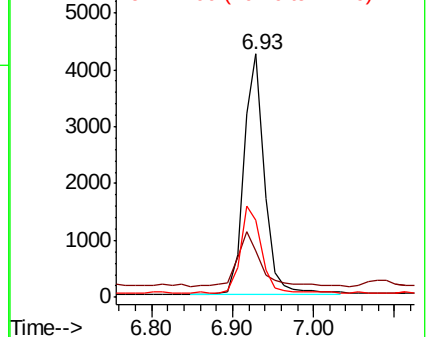
99 100

42 24.5 18.2 27.2

71 37.3 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.438 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

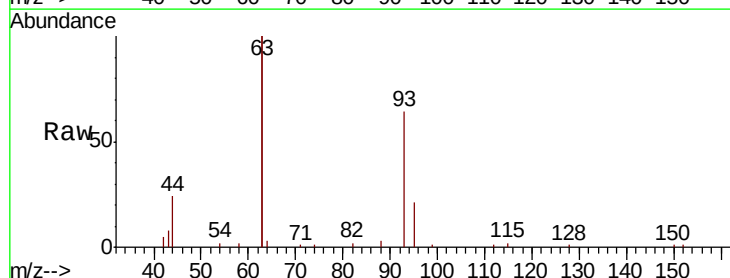
Tgt Ion: 93 Resp: 6632

Ion Ratio Lower Upper

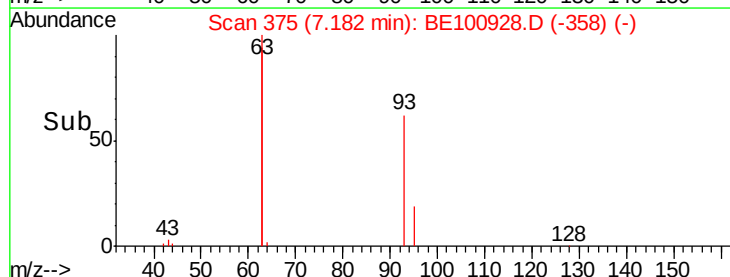
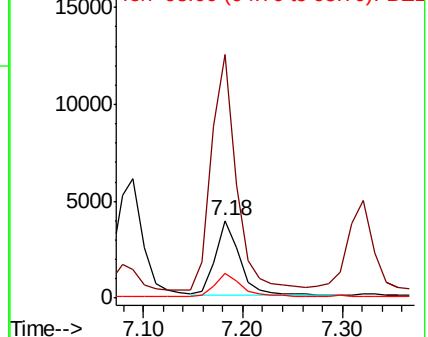
93 100

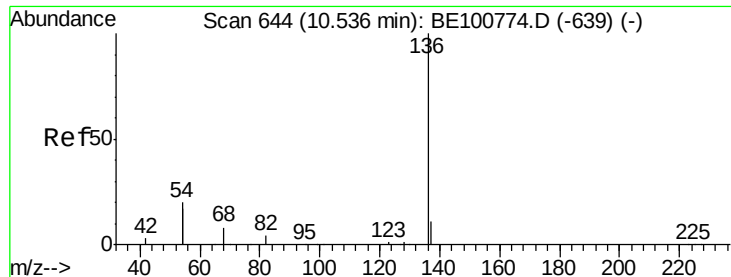
63 322.3 253.9 380.9

95 33.3 25.0 37.6



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 19966

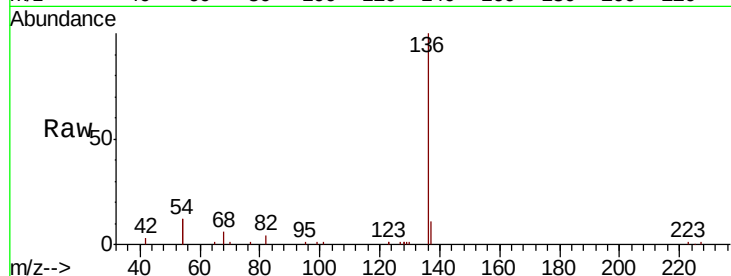
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 23.4 18.9 28.3

68 5.9 4.6 6.8

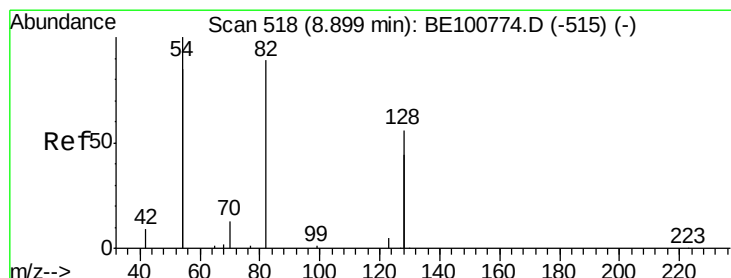
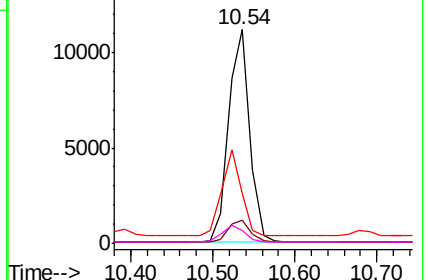
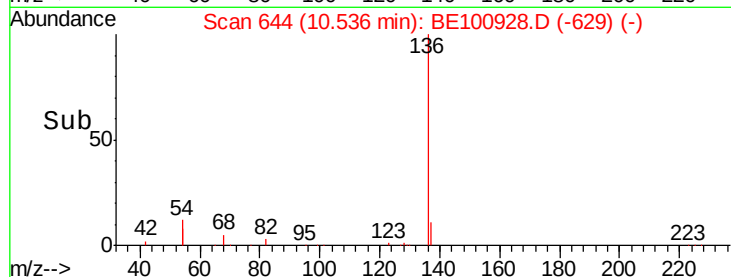


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.605 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

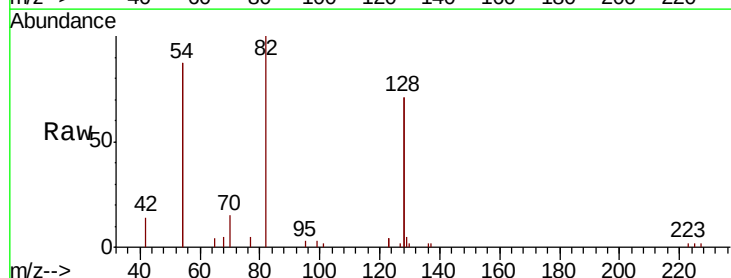
Tgt Ion: 82 Resp: 5752

Ion Ratio Lower Upper

82 100

128 142.2 113.5 170.3

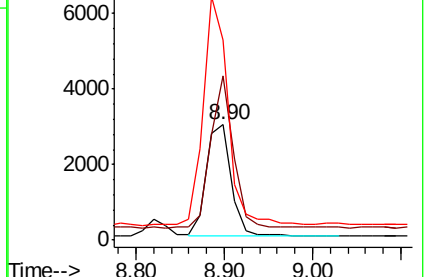
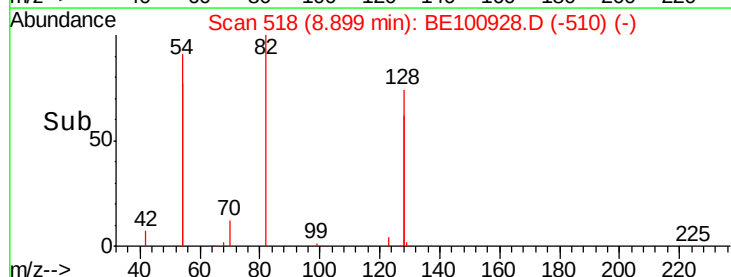
54 174.3 138.9 208.3

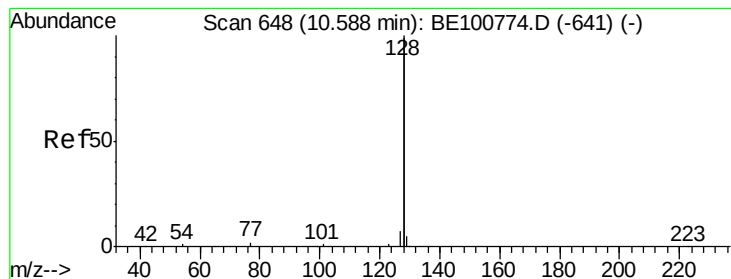


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.432 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

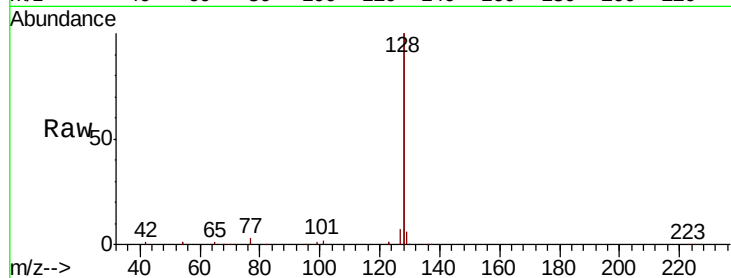
Tot Ion:128 Resp: 91578

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

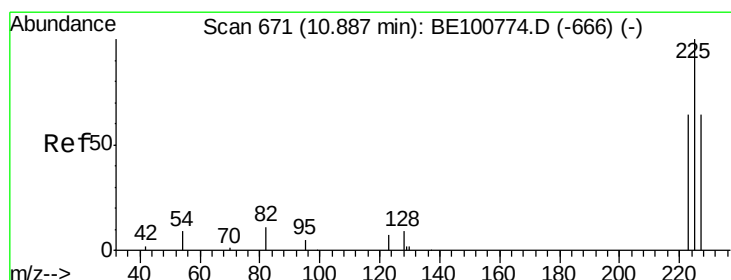
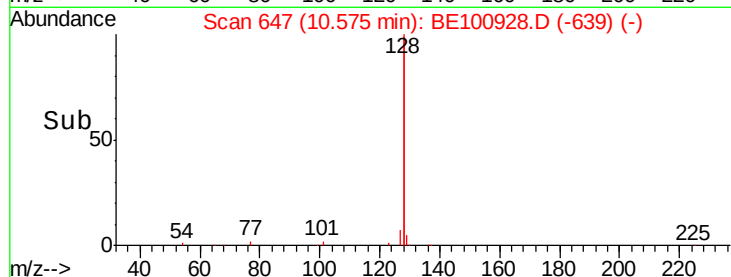
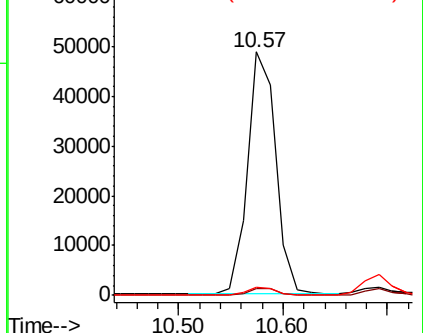
127 3.5 2.8 4.2



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: 0.425 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

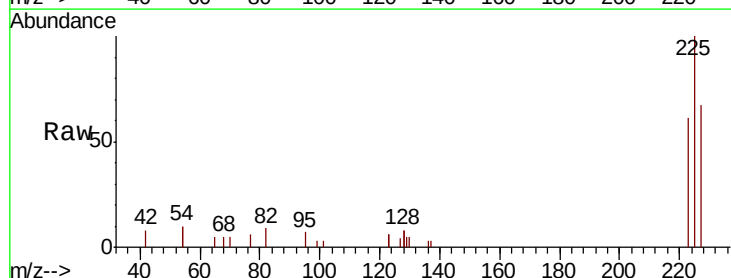
Tgt Ion:225 Resp: 3514

Ion Ratio Lower Upper

225 100

223 63.2 52.1 78.1

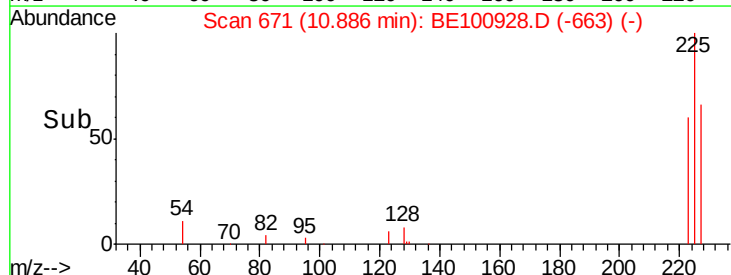
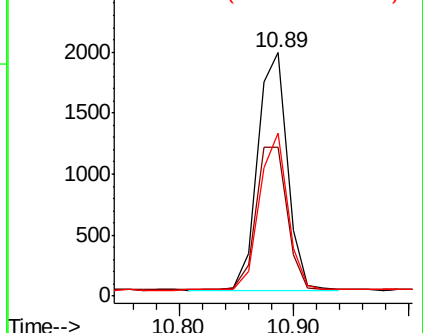
227 62.6 51.1 76.7

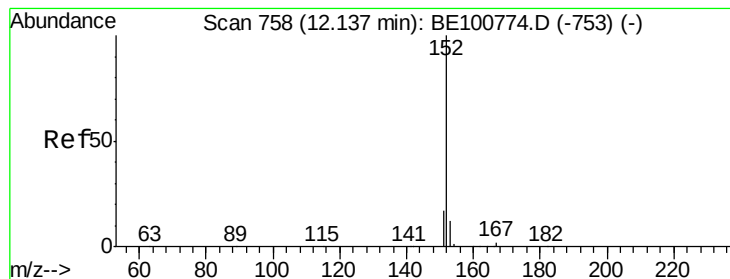


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.431 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

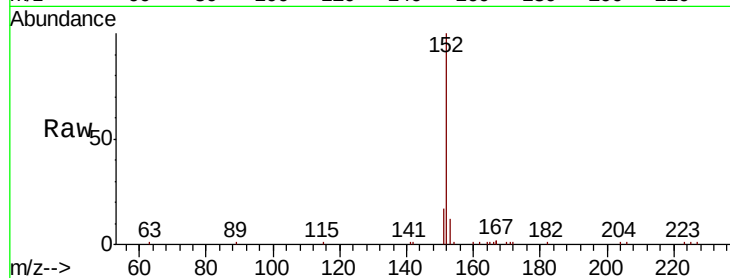
SSTDCCC0.4EC

Tot Ion:152 Resp: 12461

Ion Ratio Lower Upper

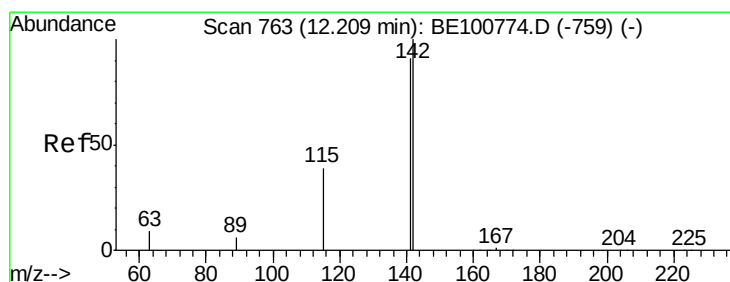
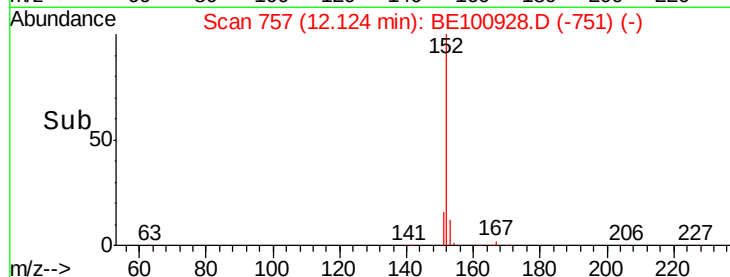
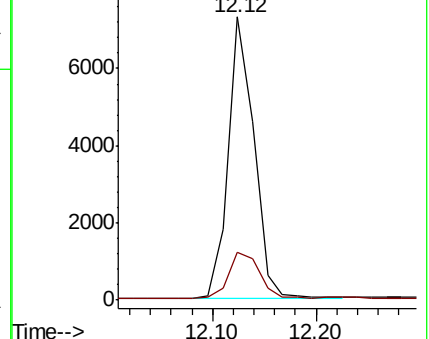
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.441 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

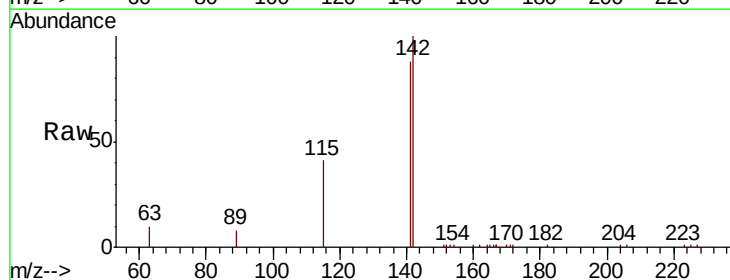
Tgt Ion:142 Resp: 14615

Ion Ratio Lower Upper

142 100

141 88.4 68.9 103.3

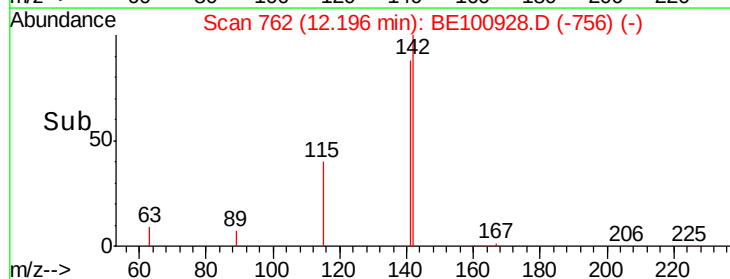
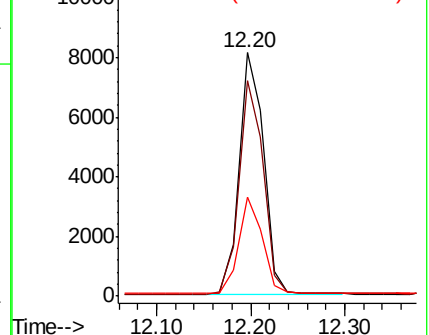
115 40.8 29.5 44.3

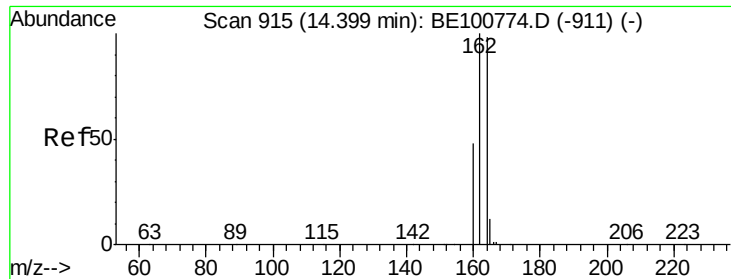


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

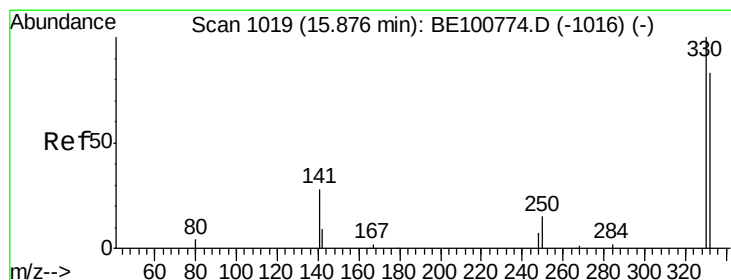
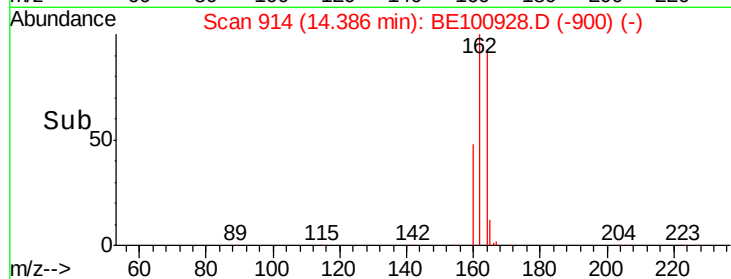
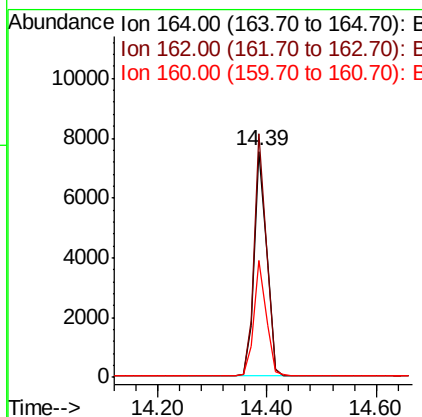
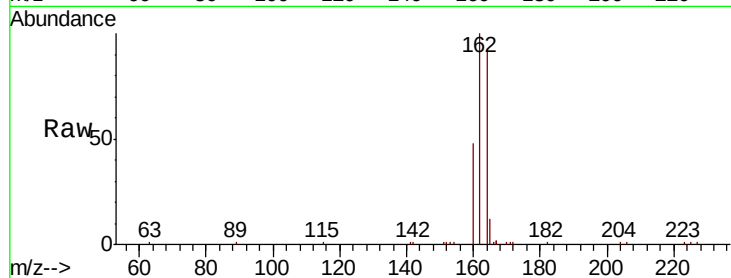




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100928.D
Acq: 16 Dec 2019 20:05

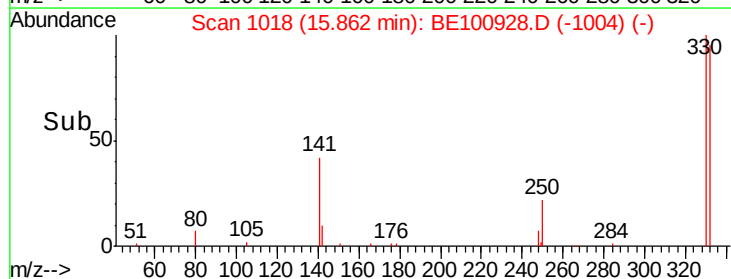
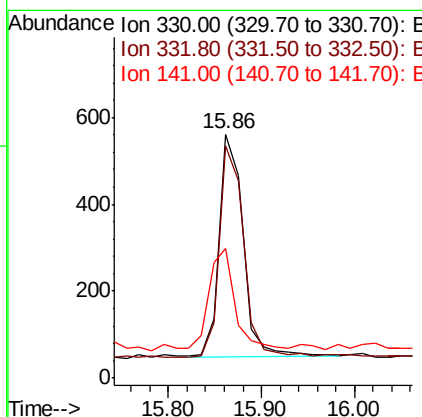
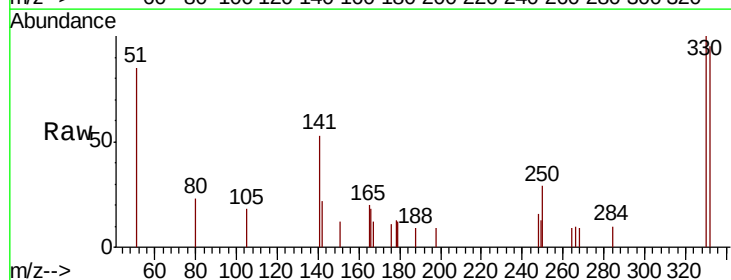
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

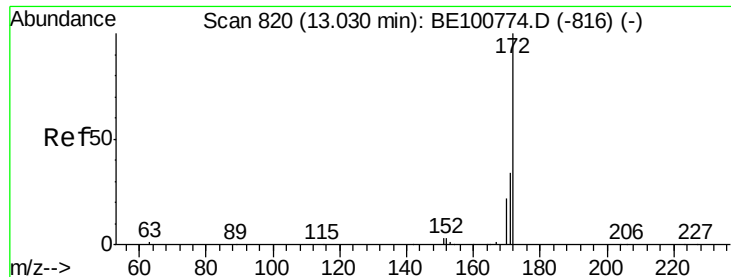
Tot Ion:164 Resp: 11477
Ion Ratio Lower Upper
164 100
162 107.7 86.0 129.0
160 52.0 42.3 63.5



#14
2,4,6-Tribromophenol
Concen: 0.727 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100928.D
Acq: 16 Dec 2019 20:05

Tgt Ion:330 Resp: 928
Ion Ratio Lower Upper
330 100
332 97.1 74.1 111.1
141 52.7 46.7 70.1

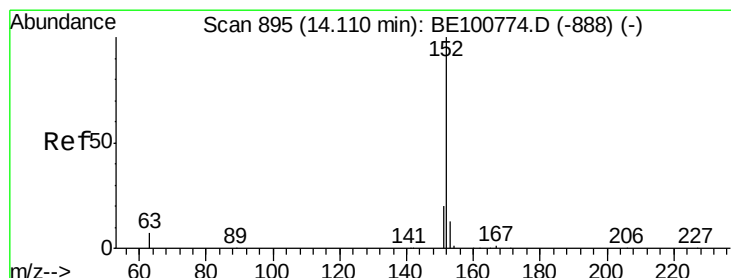
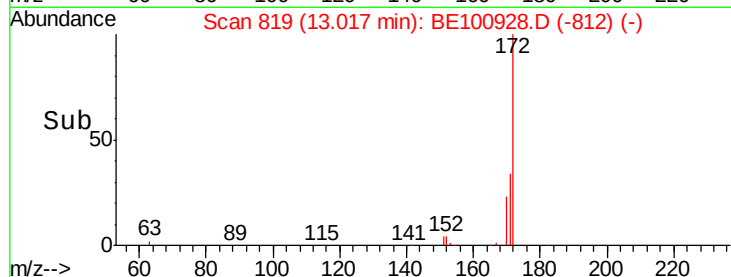
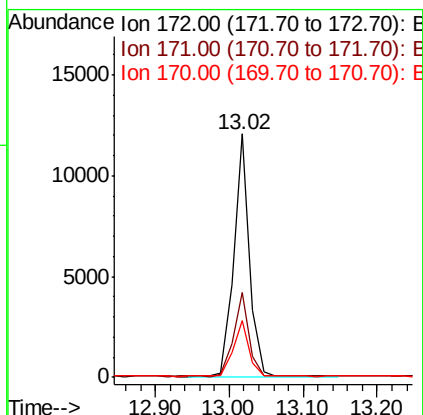
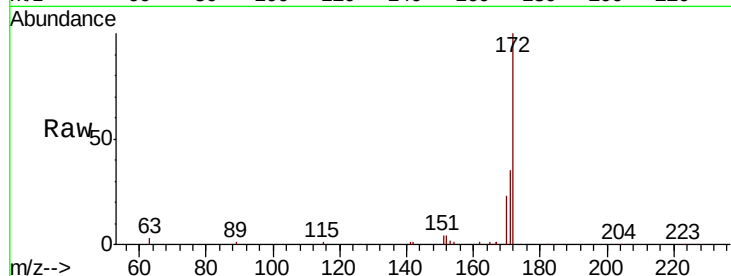




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100928.D
Acq: 16 Dec 2019 20:05

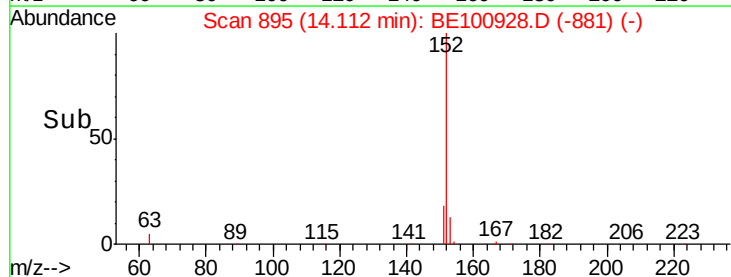
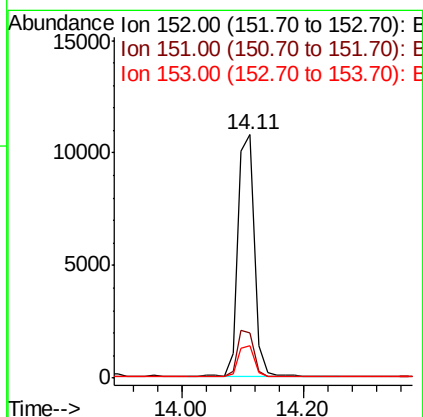
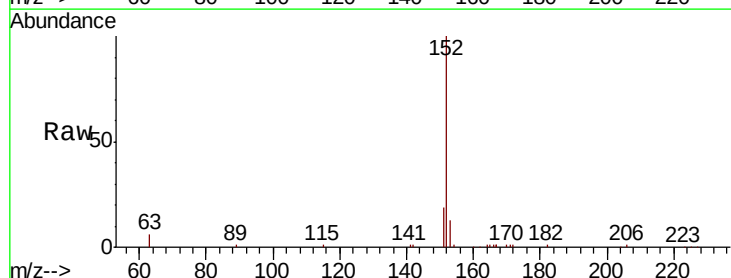
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

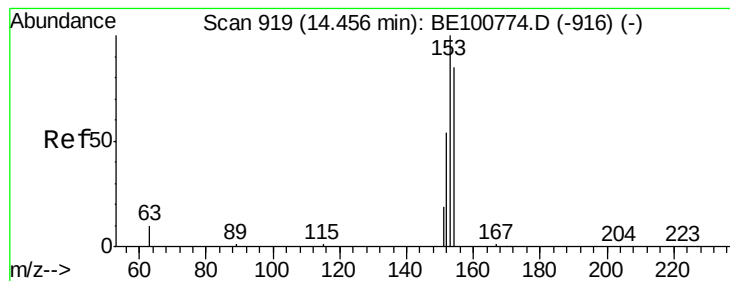
Tot Ion:172 Resp: 17608
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.3 19.4 29.0



#16
Acenaphthylene
Concen: 0.435 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100928.D
Acq: 16 Dec 2019 20:05

Tgt Ion:152 Resp: 20644
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.427 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

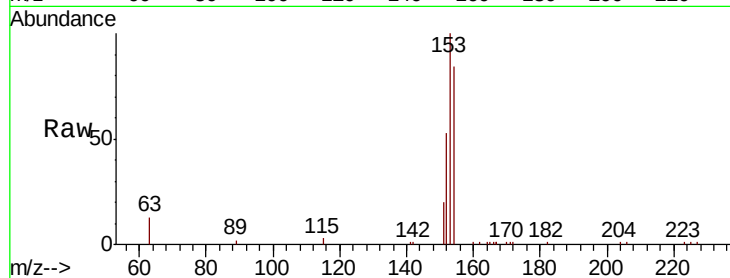
Tot Ion:154 Resp: 13982

Ion Ratio Lower Upper

154 100

153 116.2 91.5 137.3

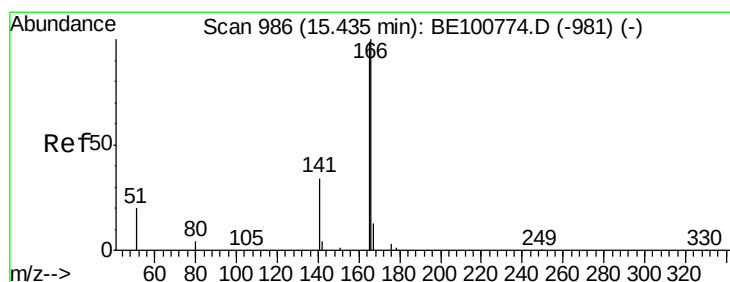
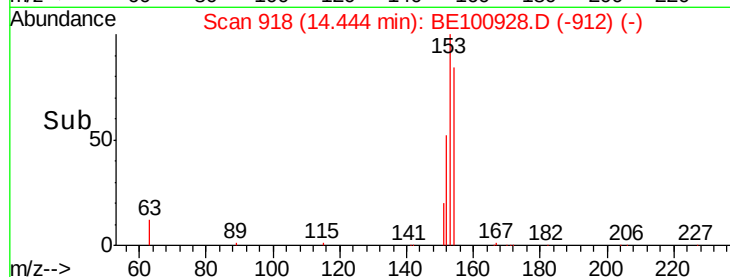
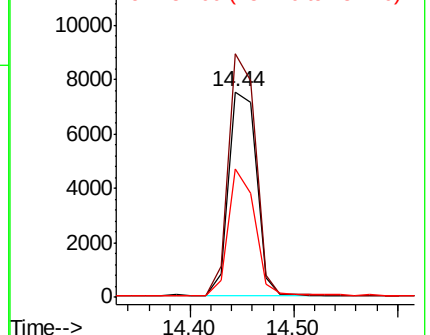
152 58.8 47.7 71.5



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: 0.431 ng

RT: 15.42 min Scan# 985

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

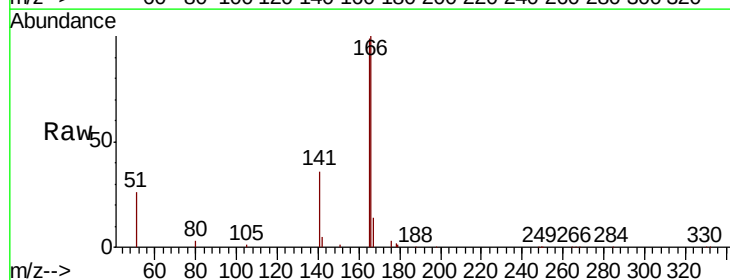
Tgt Ion:166 Resp: 18170

Ion Ratio Lower Upper

166 100

165 97.8 80.2 120.4

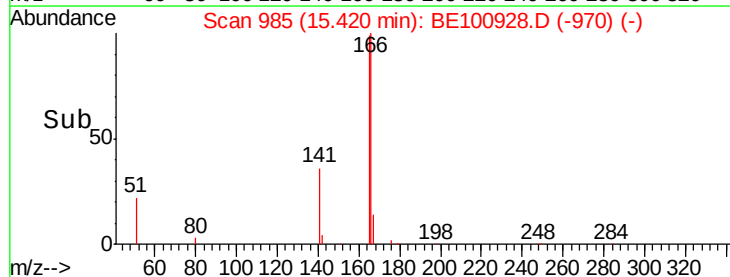
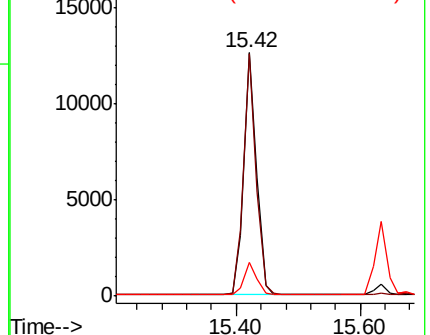
167 13.2 10.6 16.0

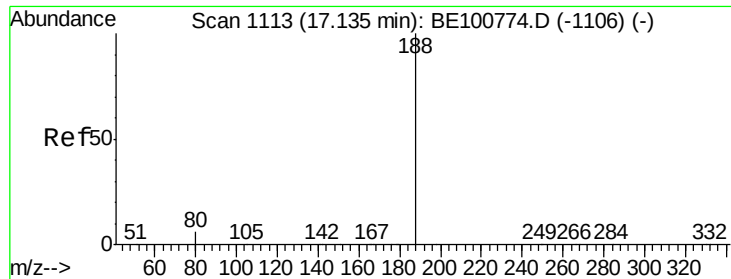


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.12 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

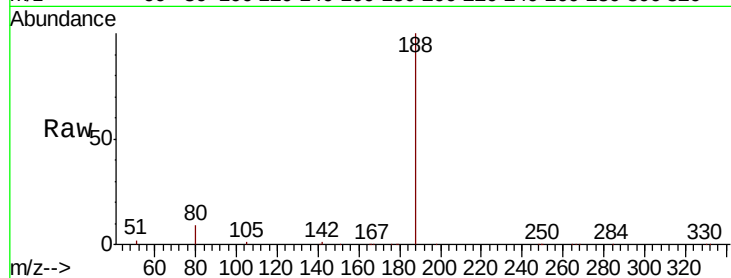
Tot Ion:188 Resp: 25814

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

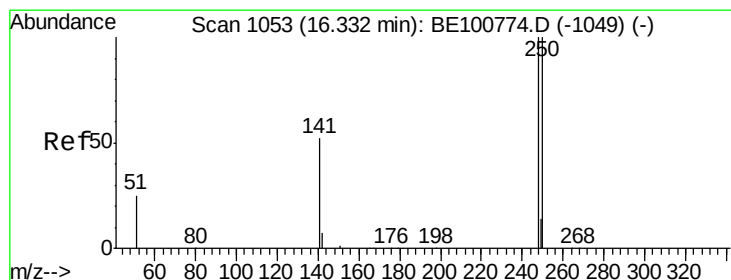
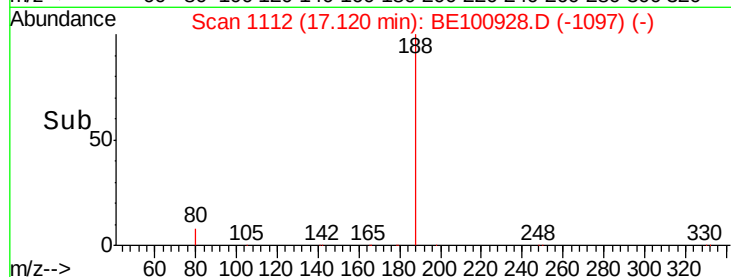
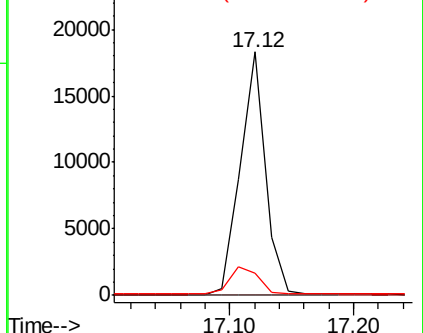
80 8.9 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.410 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

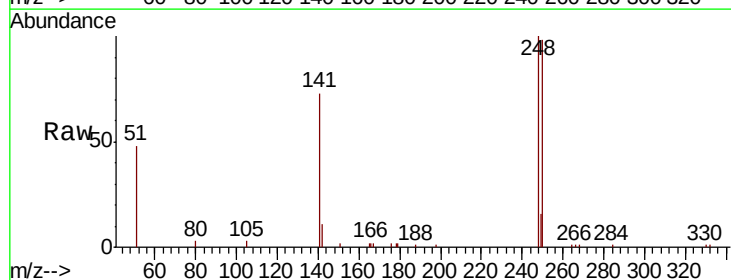
Tgt Ion:248 Resp: 5193

Ion Ratio Lower Upper

248 100

250 97.7 72.4 108.6

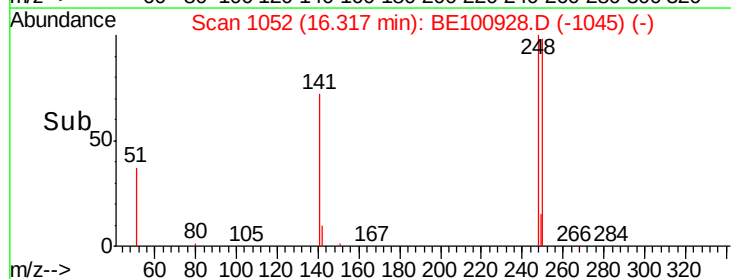
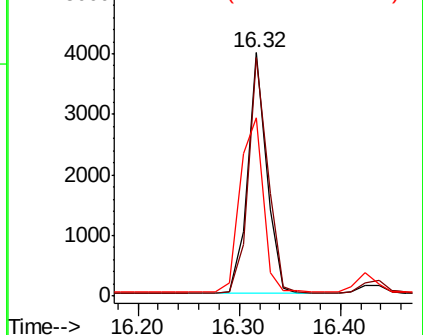
141 73.1 68.2 102.2

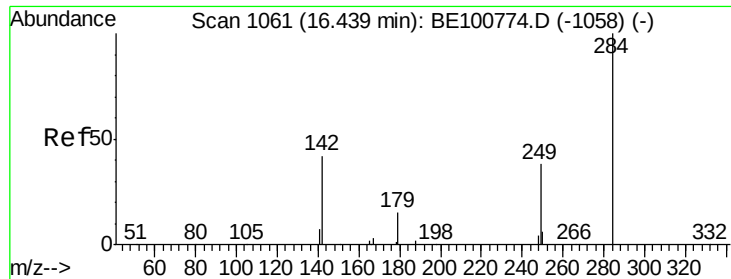


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

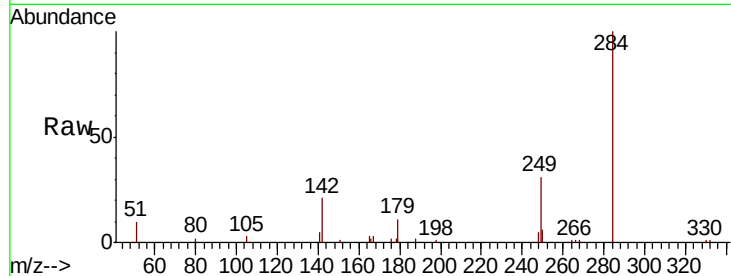
Tot Ion:284 Resp: 5713

Ion Ratio Lower Upper

284 100

142 45.7 35.0 52.4

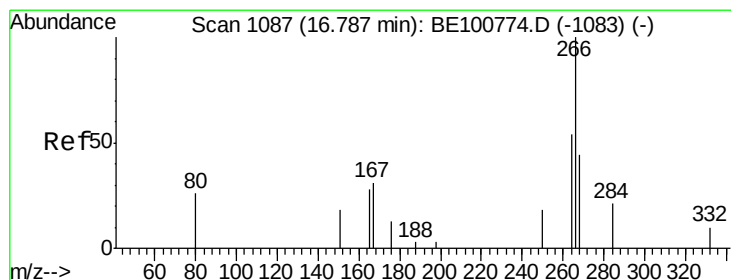
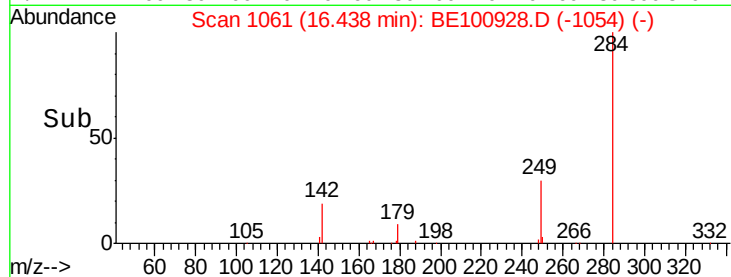
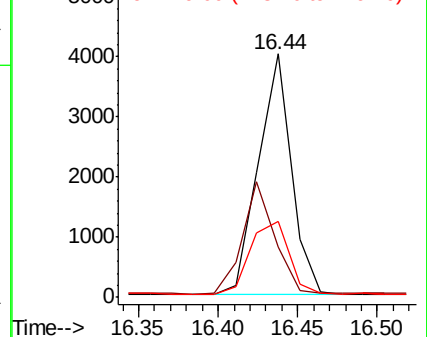
249 35.1 28.1 42.1



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: 0.814 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

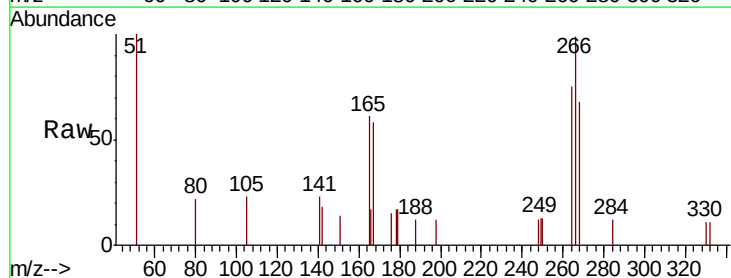
Tgt Ion:266 Resp: 775

Ion Ratio Lower Upper

266 100

264 76.2 55.1 82.7

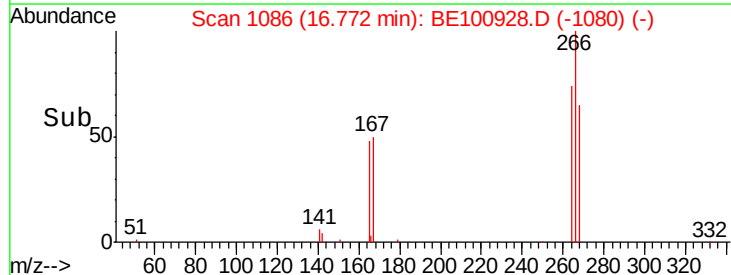
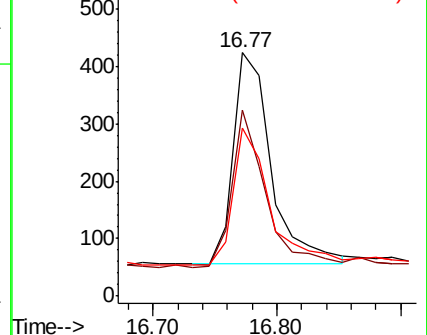
268 69.1 50.7 76.1

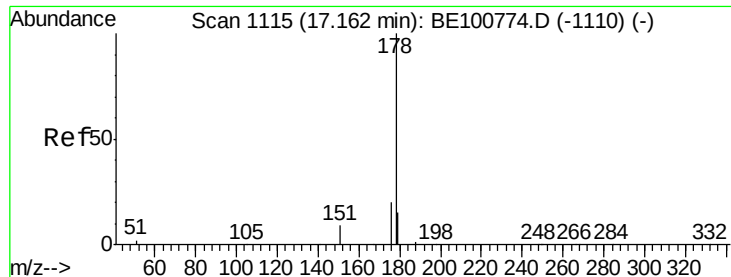


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.422 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

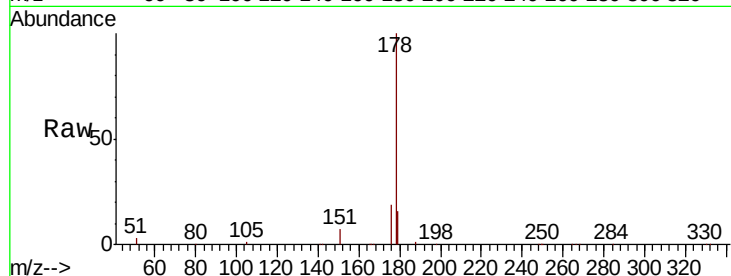
Tot Ion:178 Resp: 32963

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

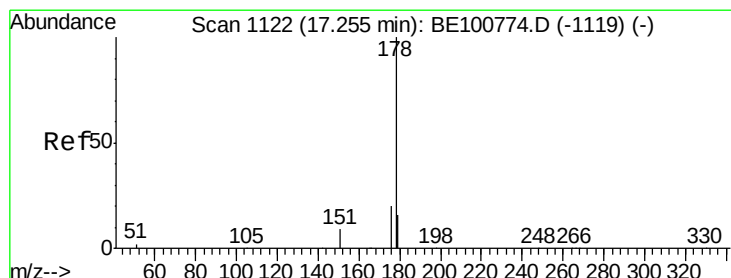
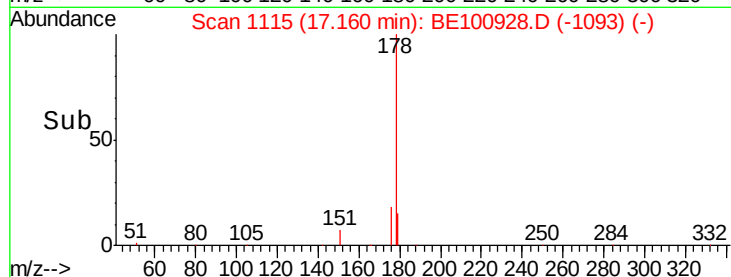
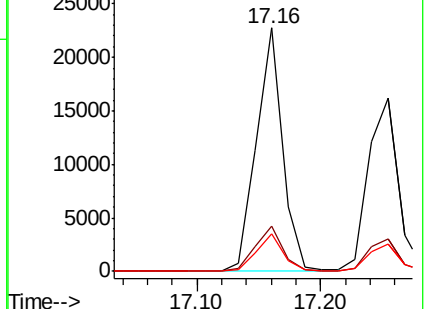
179 15.4 11.9 17.9



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



#24

Anthracene

Concen: 0.410 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

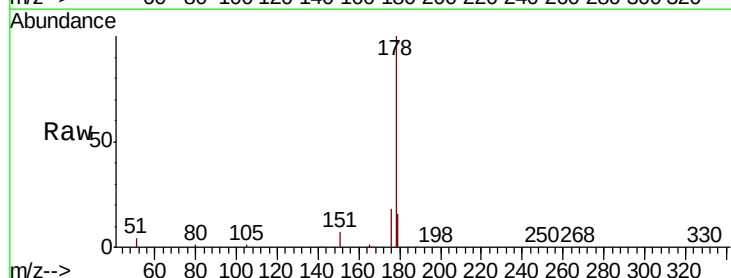
Tgt Ion:178 Resp: 26792

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

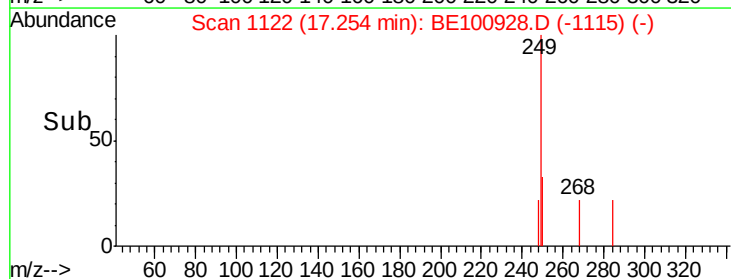
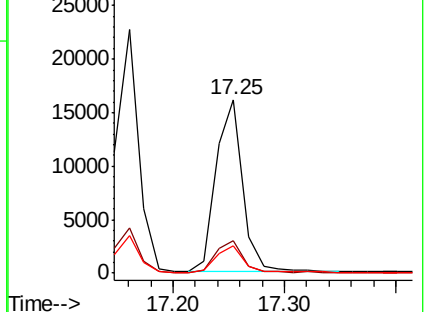
179 15.5 12.2 18.4

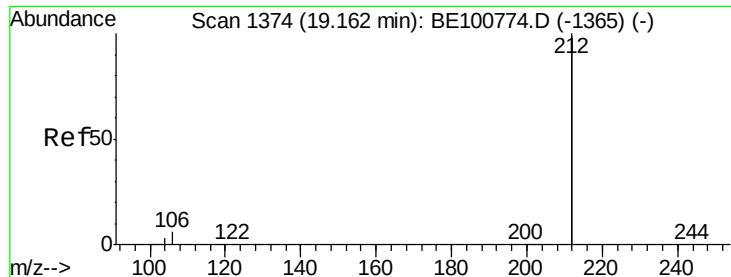


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

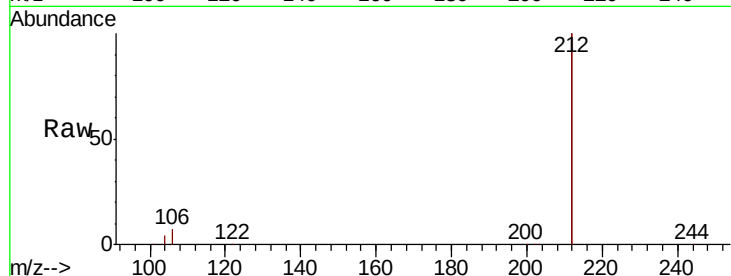
Tot Ion:212 Resp: 110677

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

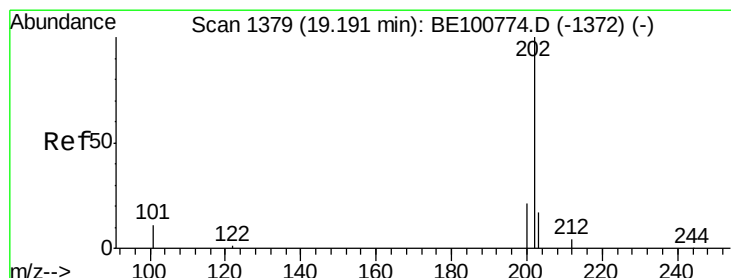
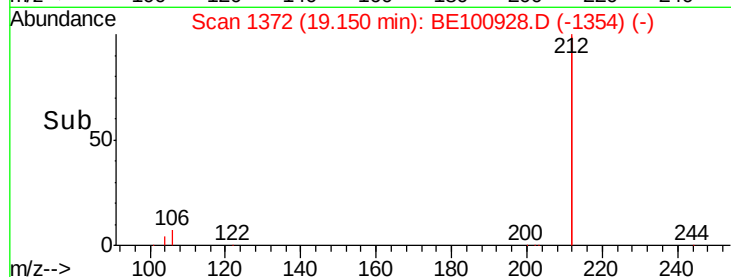
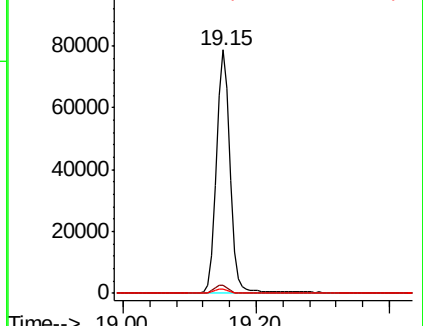
104 1.9 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.371 ng

RT: 19.18 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

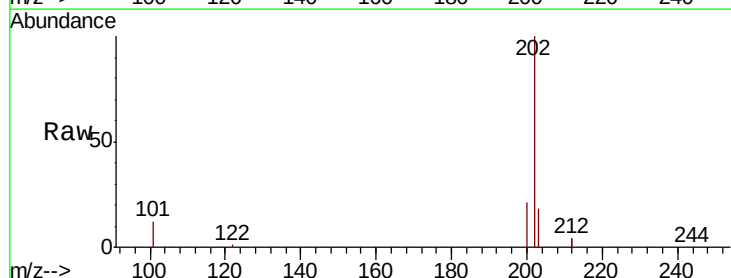
Tgt Ion:202 Resp: 34587

Ion Ratio Lower Upper

202 100

101 11.8 9.4 14.0

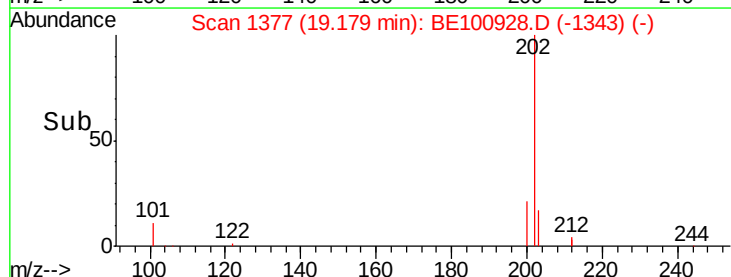
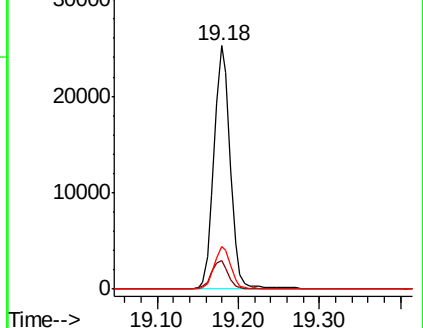
203 17.4 13.7 20.5

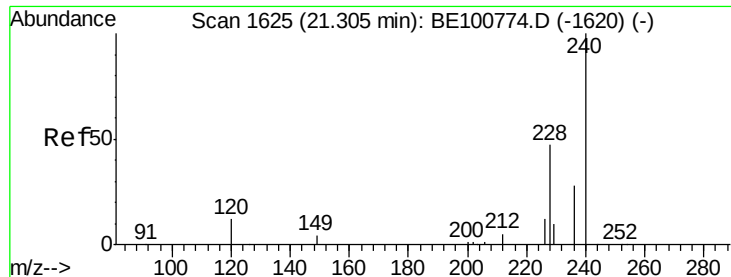


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

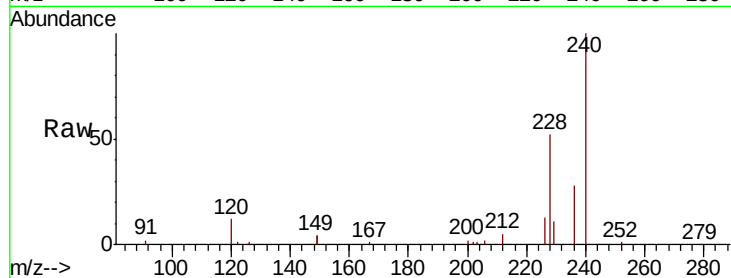




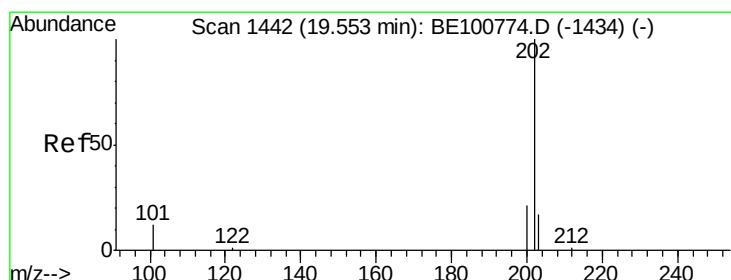
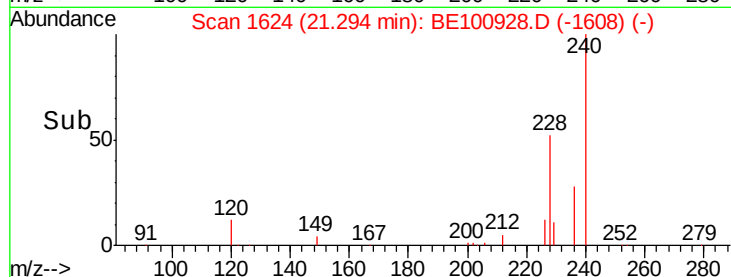
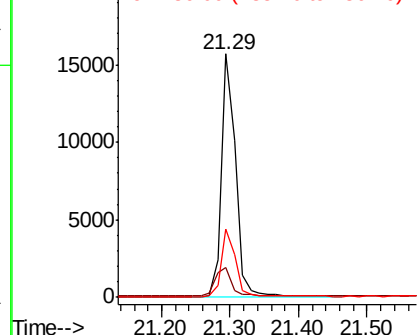
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100928.D
Acq: 16 Dec 2019 20:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 22261
Ion Ratio Lower Upper
240 100
120 12.4 4.0 6.0#
236 27.8 21.6 32.4

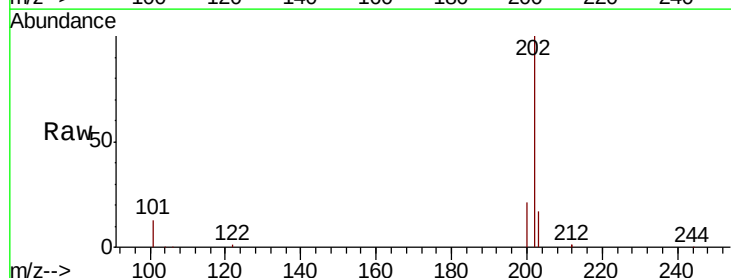


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

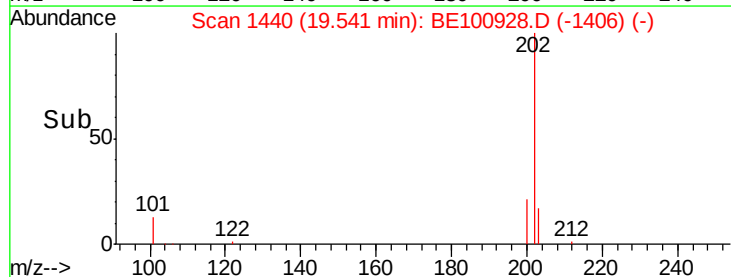
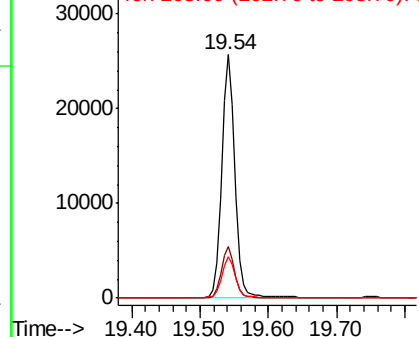


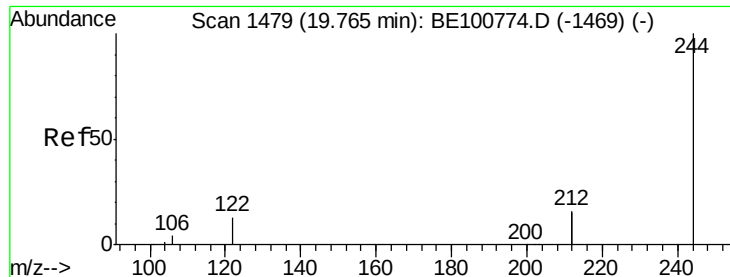
#28
Pyrene
Concen: 0.477 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE100928.D
Acq: 16 Dec 2019 20:05

Tgt Ion:202 Resp: 34483
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.0 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

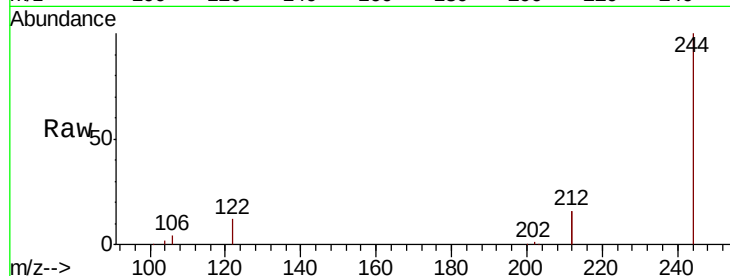
Tot Ion:244 Resp: 22628

Ion Ratio Lower Upper

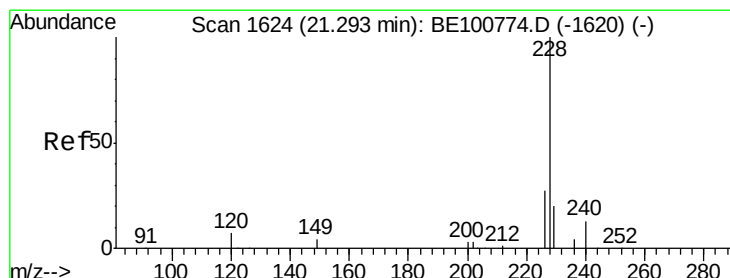
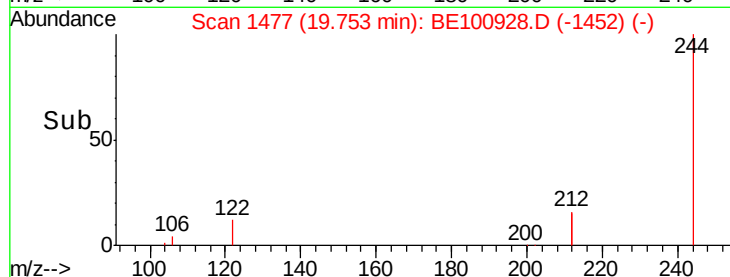
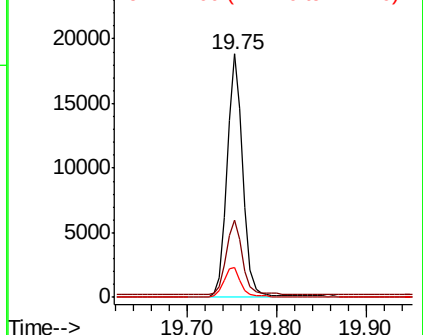
244 100

212 31.5 25.2 37.8

122 12.1 8.9 13.3



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: 0.459 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

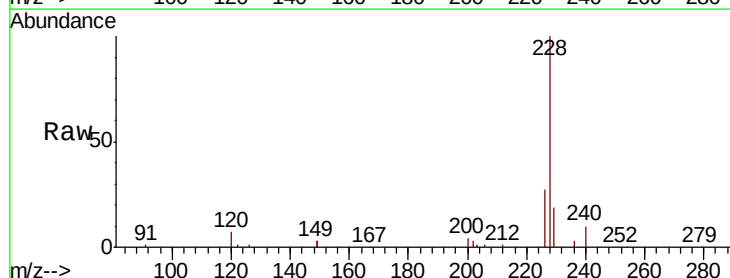
Tgt Ion:228 Resp: 30100

Ion Ratio Lower Upper

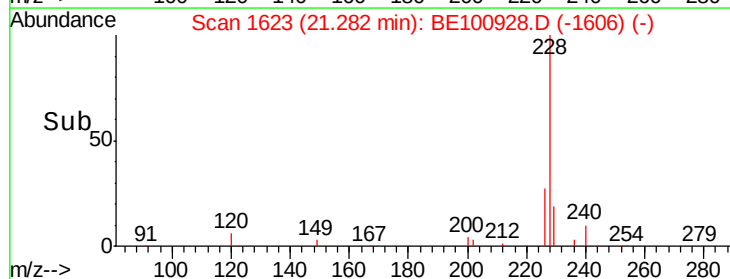
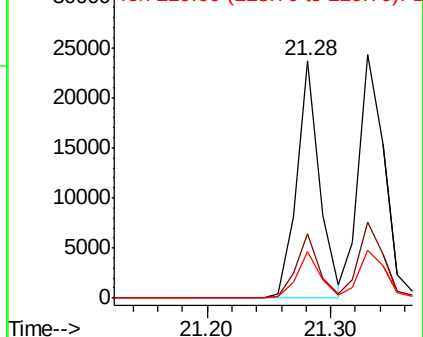
228 100

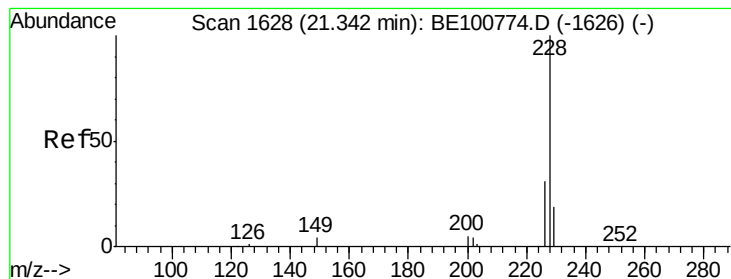
226 27.2 21.4 32.0

229 19.4 15.8 23.6



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





#31

Chrysene

Concen: 0.450 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

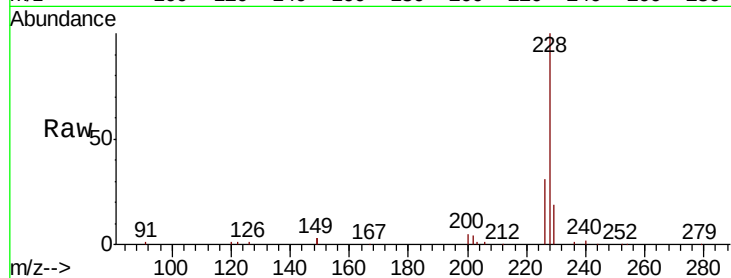
Tot Ion:228 Resp: 34702

Ion Ratio Lower Upper

228 100

226 31.2 25.3 37.9

229 19.4 15.2 22.8

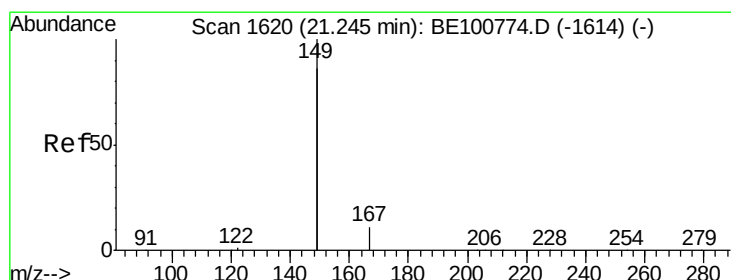
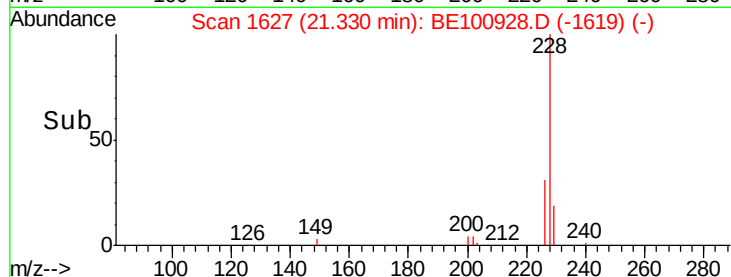
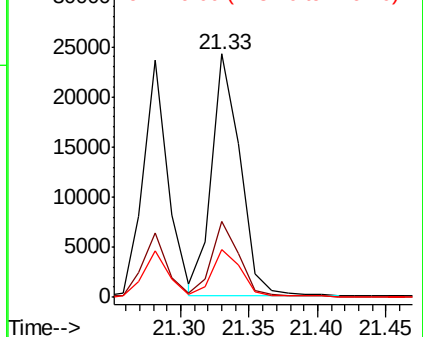


Abundance

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: 0.749 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

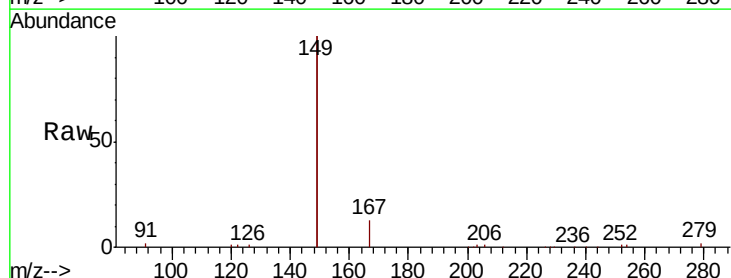
Tgt Ion:149 Resp: 35683

Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.4

279 0.9 0.6 1.0

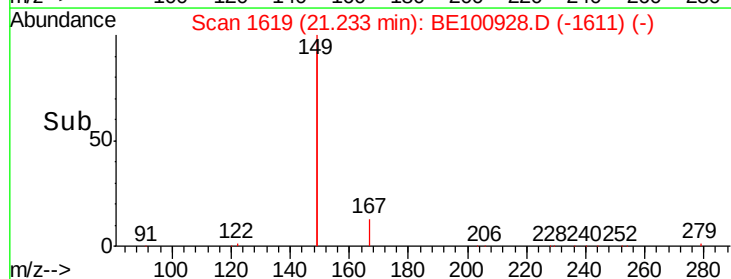
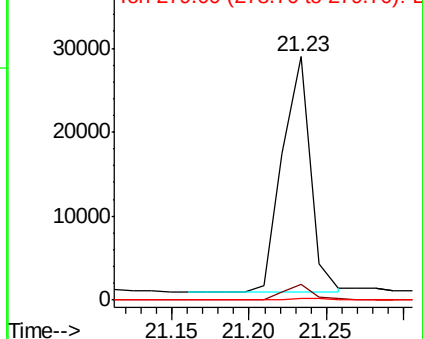


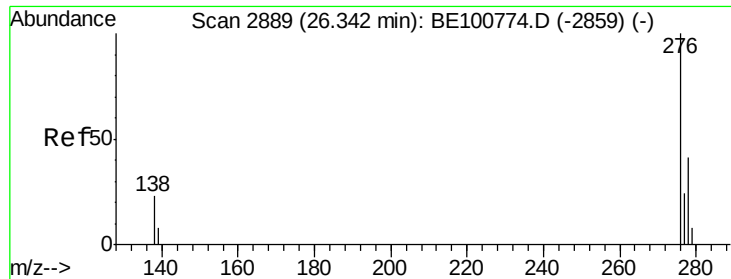
Abundance

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

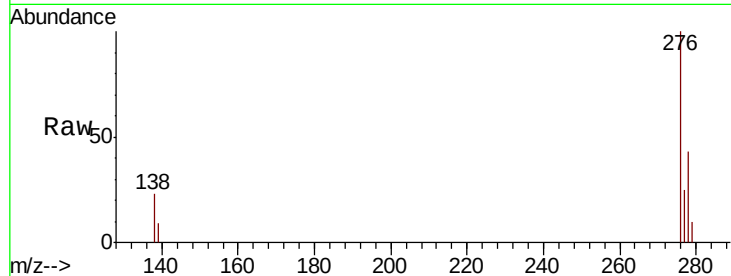




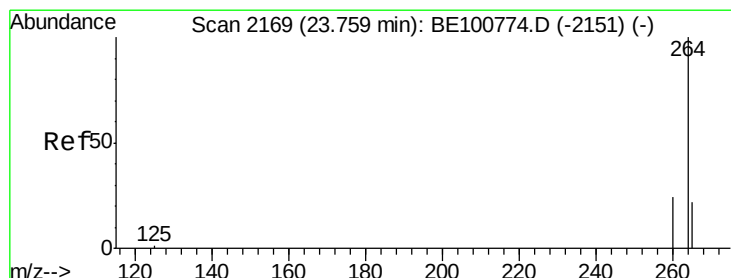
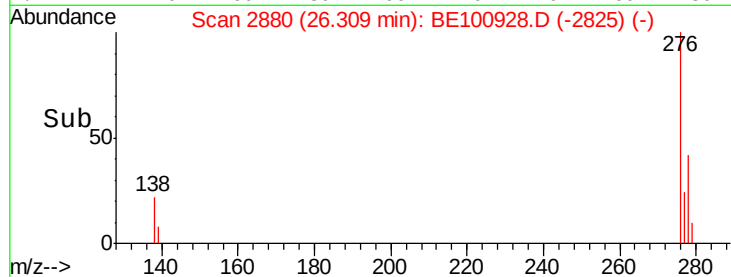
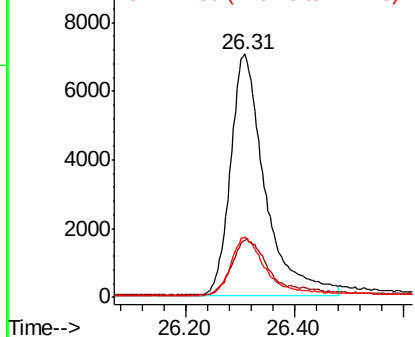
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BE100928.D
Acq: 16 Dec 2019 20:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 31169
Ion Ratio Lower Upper
276 100
138 22.5 18.4 27.6
277 23.7 19.4 29.2

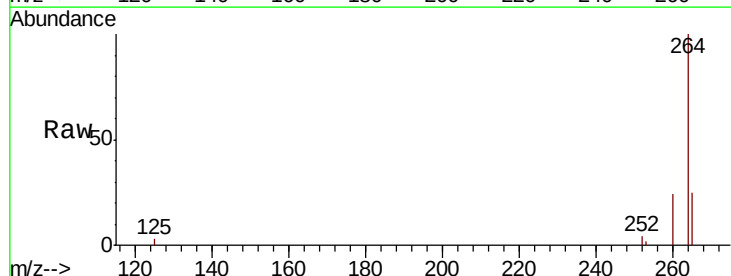


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

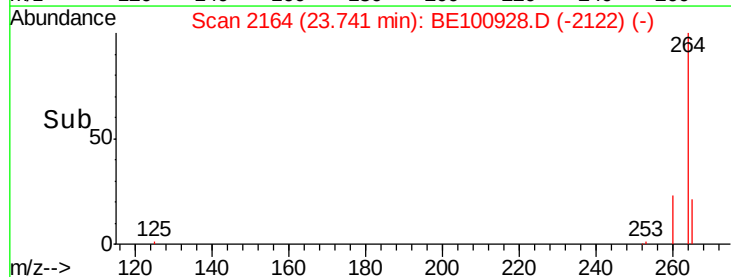
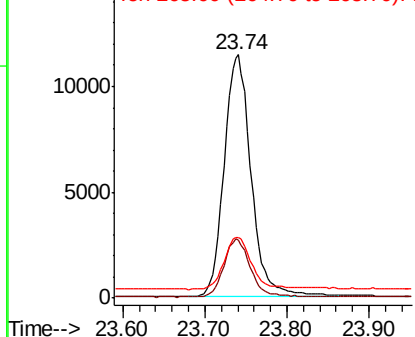


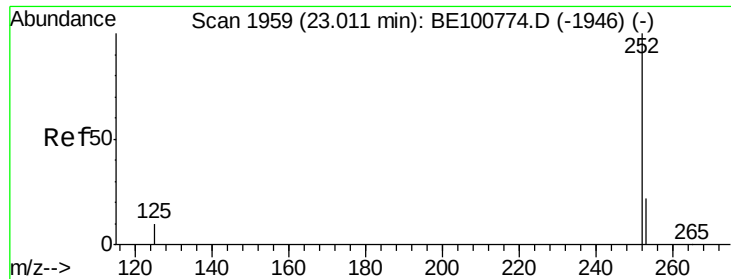
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100928.D
Acq: 16 Dec 2019 20:05

Tgt Ion:264 Resp: 26226
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.0
265 24.9 20.1 30.1



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: 0.415 ng

RT: 22.99 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

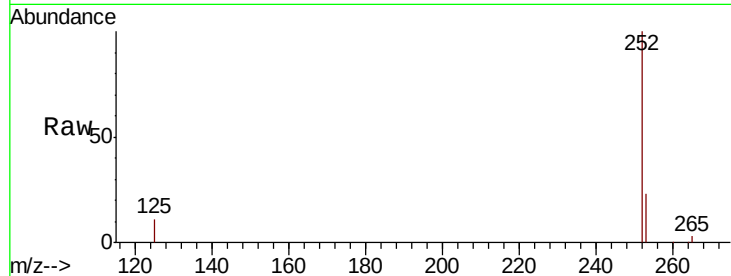
Tot Ion:252 Resp: 29761

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

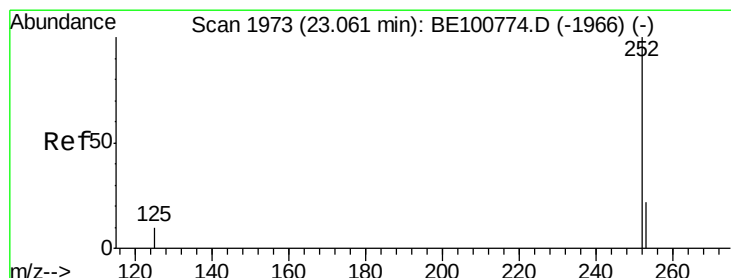
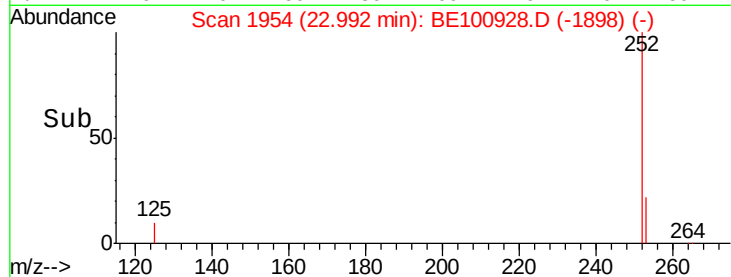
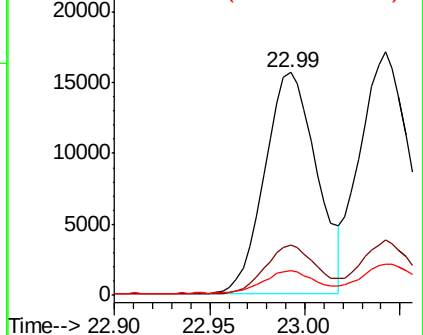
125 11.0 8.3 12.5



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: 0.413 ng

RT: 23.04 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

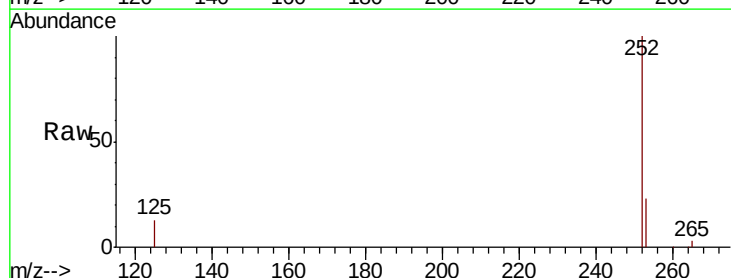
Tgt Ion:252 Resp: 33268

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

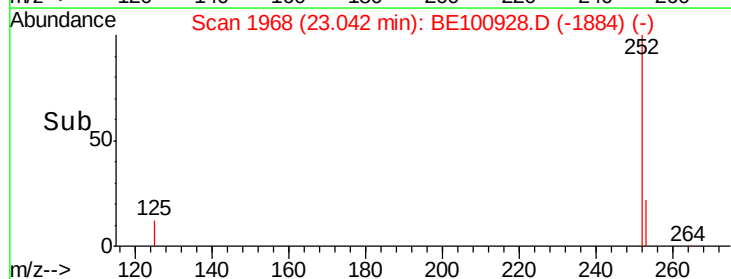
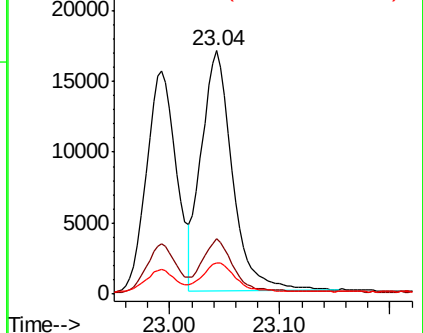
125 12.8 9.4 14.0

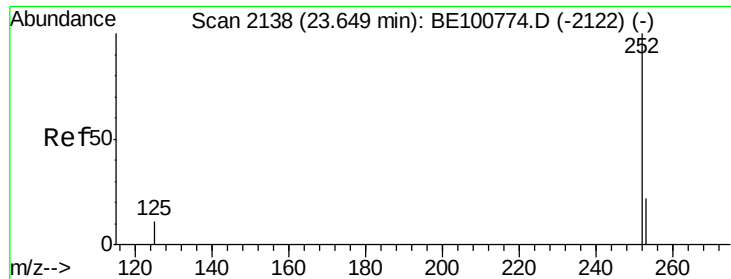


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

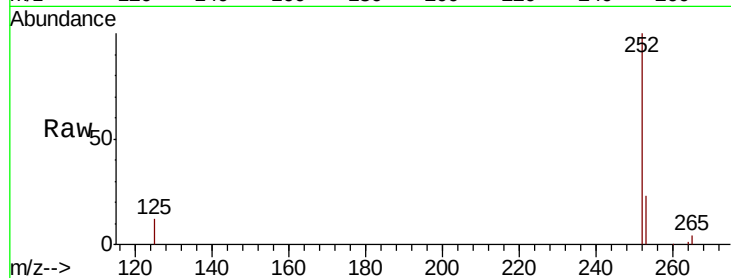
Tot Ion:252 Resp: 25876

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

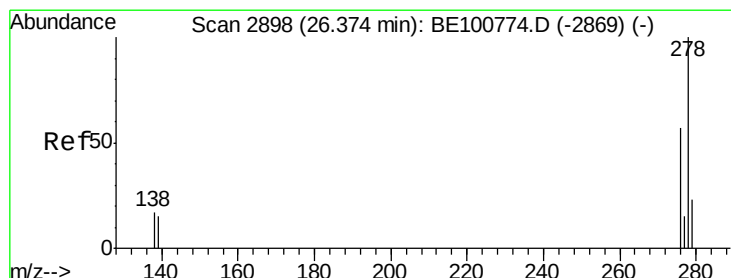
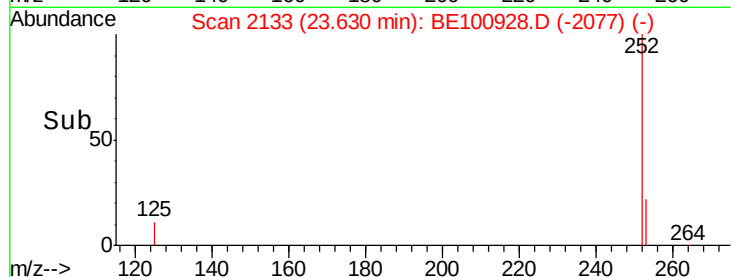
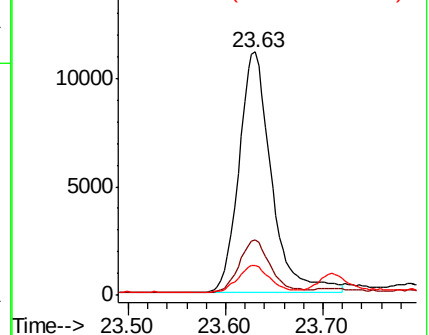
125 12.3 9.9 14.9



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: 0.406 ng

RT: 26.33 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

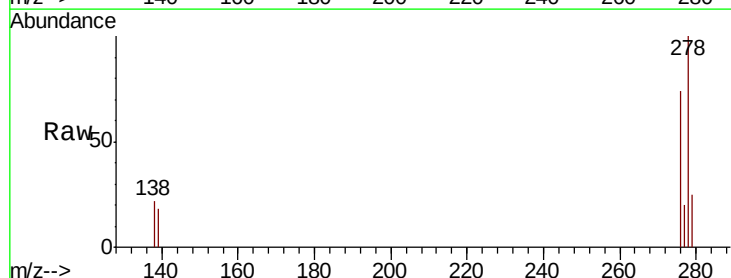
Tgt Ion:278 Resp: 25110

Ion Ratio Lower Upper

278 100

139 17.7 13.8 20.6

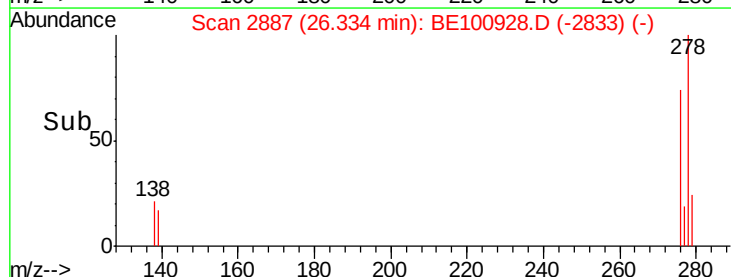
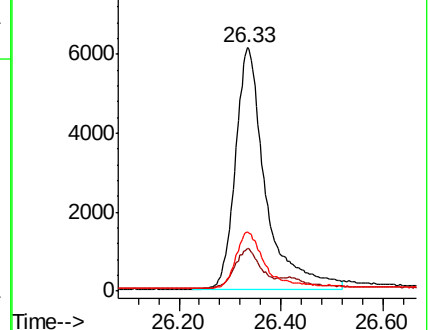
279 24.5 19.8 29.6

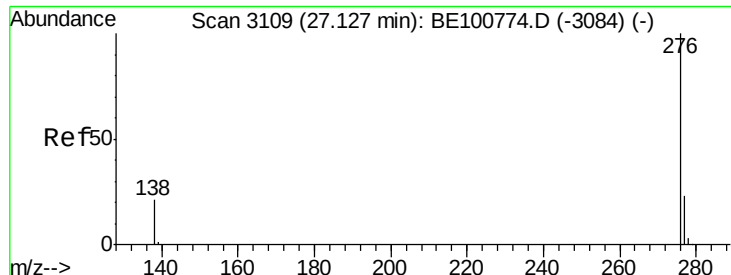


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.418 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BE100928.D

Acq: 16 Dec 2019 20:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

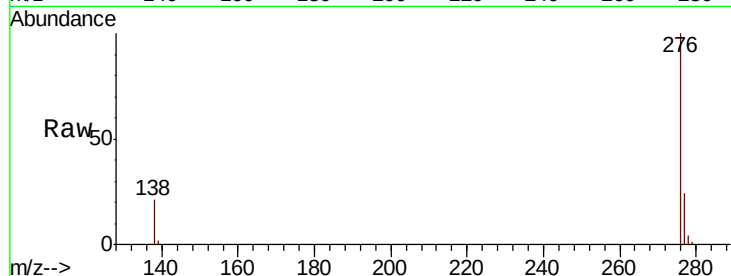
Tot Ion: 276 Resp: 27613

Ion Ratio Lower Upper

276 100

277 23.6 19.7 29.5

138 21.3 18.0 27.0



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

