

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
 Data File : BE100777.D
 Acq On : 4 Dec 2019 15:42
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Dec 04 17:06:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 14:31:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5493	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	24821	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14007	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30760	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	37869	0.40	ng	0.00
34) Perylene-d12	23.76	264	37238	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	44359	2.98	ng	0.00
5) Phenol-d6	6.93	99	68893	3.19	ng	0.00
8) Nitrobenzene-d5	8.90	82	43958	5.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	122729	3.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	8801	4.46	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	179442	3.30	ng	0.00
25) Fluoranthene-d10	19.16	212	1345939	3.57	ng	0.00
29) Terphenyl-d14	19.77	244	303474	3.48	ng	0.00

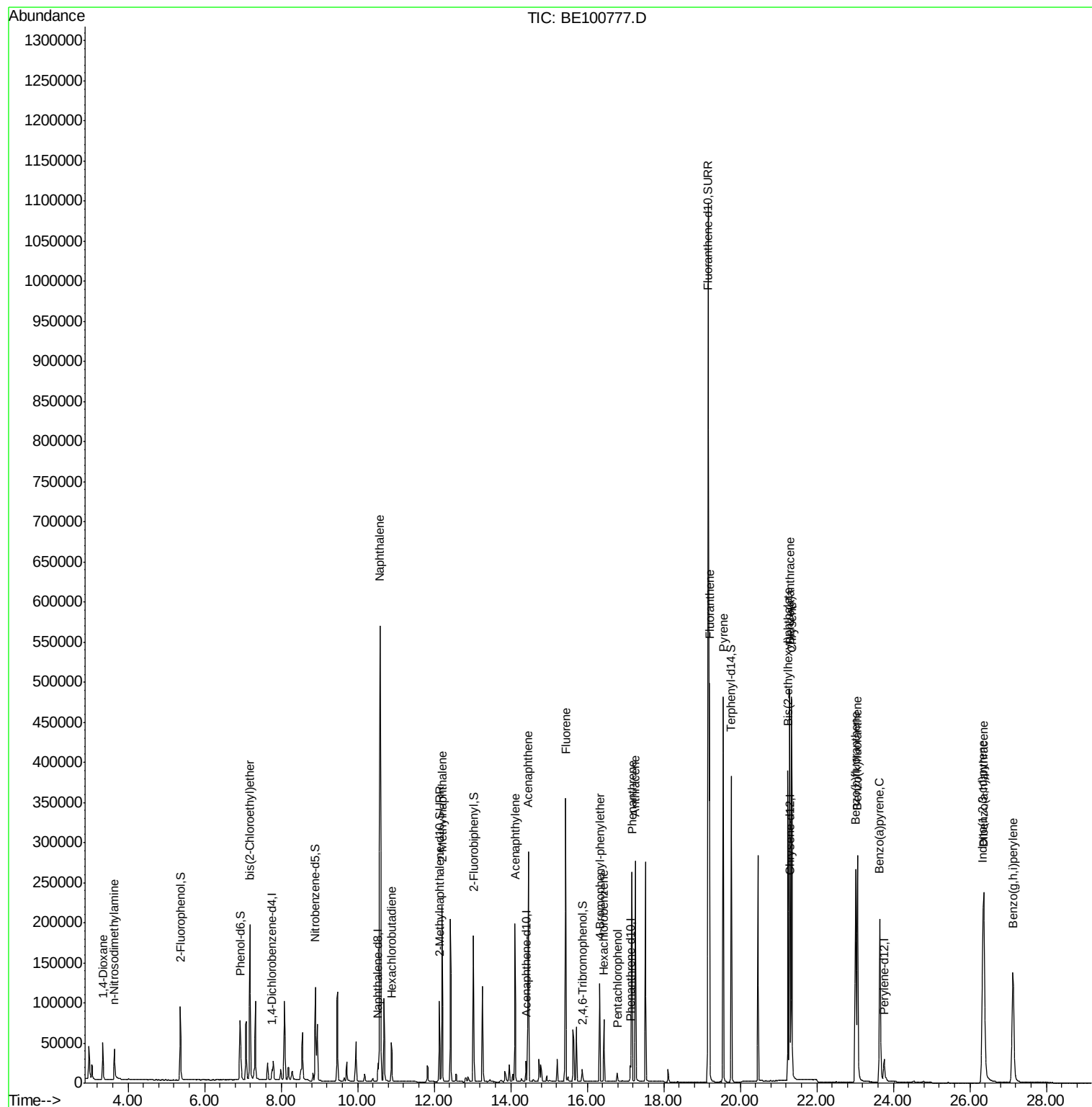
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	29810	2.893	ng	93
3) n-Nitrosodimethylamine	3.64	42	30508	4.018	ng	# 96
6) bis(2-Chloroethyl)ether	7.19	93	64823	3.603	ng	99
9) Naphthalene	10.59	128	876505	3.325	ng	100
10) Hexachlorobutadiene	10.89	225	34008	3.361	ng	98
12) 2-Methylnaphthalene	12.21	142	141647	3.399	ng	99
16) Acenaphthylene	14.11	152	213900	3.547	ng	100
17) Acenaphthene	14.46	154	136754	3.382	ng	99
18) Fluorene	15.43	166	183584	3.555	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	55233	3.650	ng	96
21) Hexachlorobenzene	16.44	284	55762	3.530	ng	99
22) Pentachlorophenol	16.79	266	6368	2.220	ng	# 80
23) Phenanthrene	17.17	178	320655	3.461	ng	100
24) Anthracene	17.25	178	294959	3.695	ng	99
26) Fluoranthene	19.19	202	419268	3.699	ng	99
28) Pyrene	19.55	202	414108	3.531	ng	100
30) Benzo(a)anthracene	21.29	228	404553	3.167	ng	99
31) Chrysene	21.34	228	426135	3.281	ng	100
32) Bis(2-ethylhexyl)phthalate	21.25	149	444132	1.933	ng	100
33) Indeno(1,2,3-cd)pyrene	26.34	276	402937	2.960	ng	100
35) Benzo(b)fluoranthene	23.01	252	365282	3.126	ng	99
36) Benzo(k)fluoranthene	23.06	252	418320	3.433	ng	99
37) Benzo(a)pyrene	23.65	252	329607	3.199	ng	97
38) Dibenzo(a,h)anthracene	26.37	278	336440	3.104	ng	98
39) Benzo(g,h,i)perylene	27.13	276	335813	2.974	ng	98

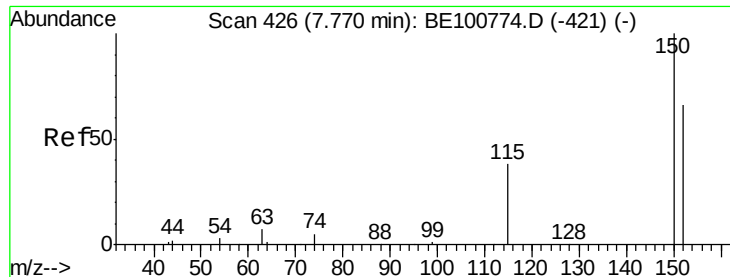
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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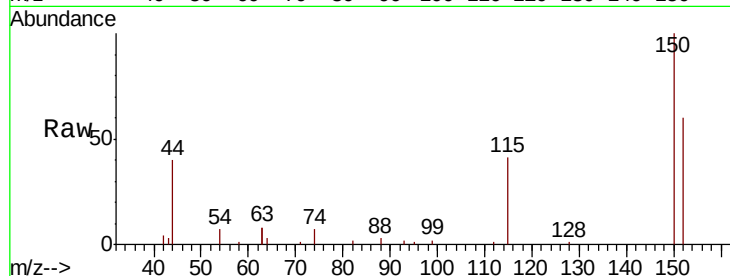


#1

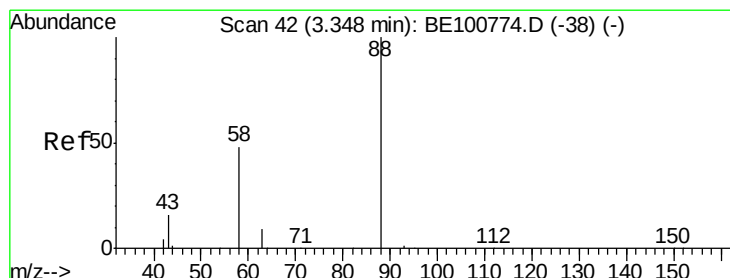
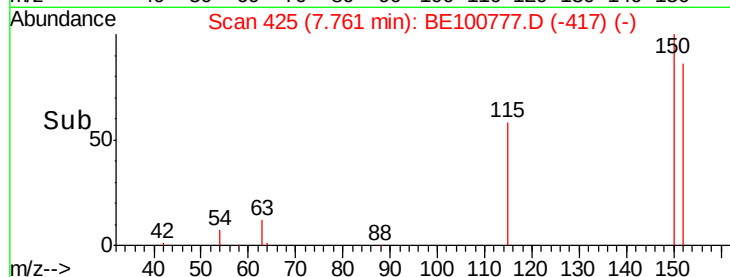
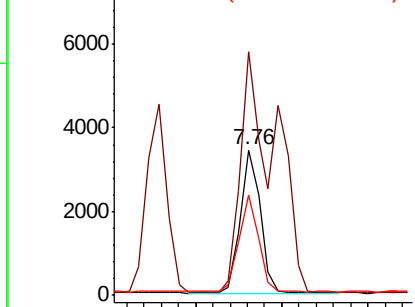
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BE100777.D
 Acq: 4 Dec 2019 15:42

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:152 Resp: 5493
 Ion Ratio Lower Upper
 152 100
 150 167.6 120.6 181.0
 115 69.3 47.4 71.2



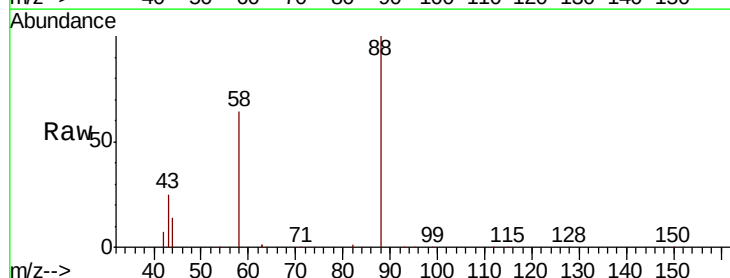
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



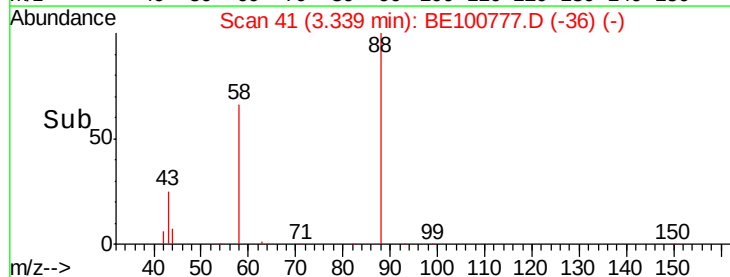
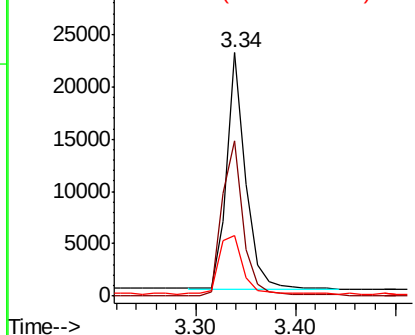
#2

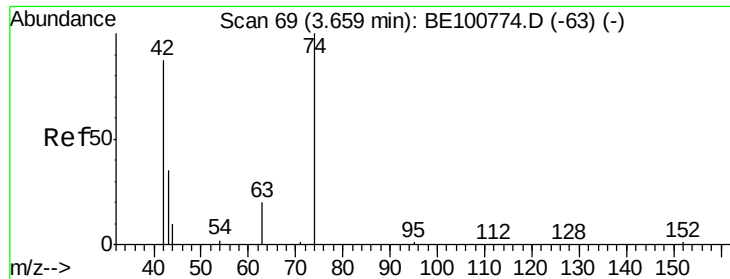
1,4-Dioxane
 Concen: 2.893 ng
 RT: 3.34 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BE100777.D
 Acq: 4 Dec 2019 15:42

Tgt Ion: 88 Resp: 29810
 Ion Ratio Lower Upper
 88 100
 58 72.6 52.5 78.7
 43 30.6 23.0 34.6



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: 4.018 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.02 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

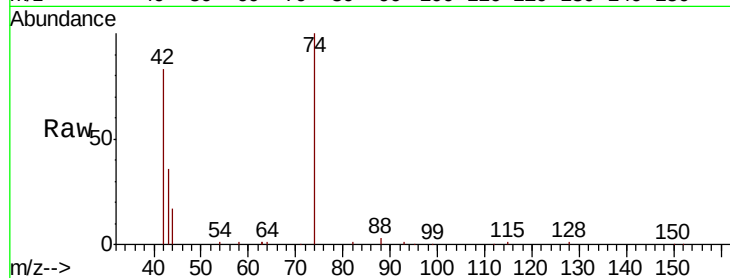
Tot Ion: 42 Resp: 30508

Ion Ratio Lower Upper

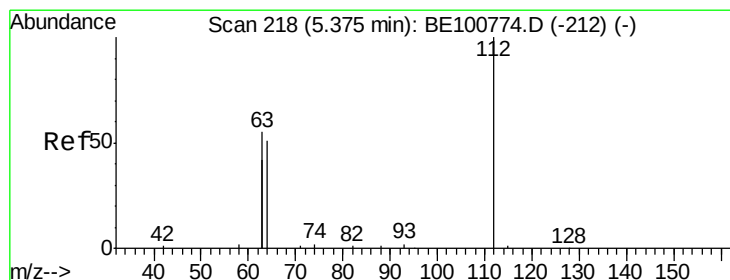
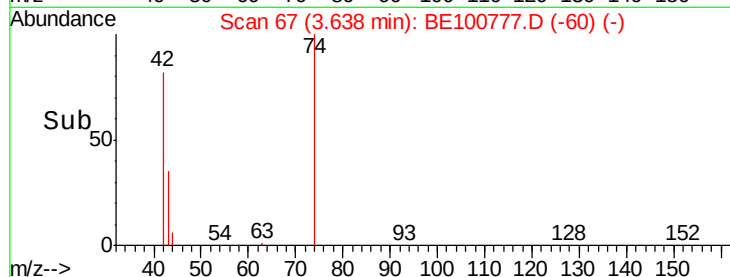
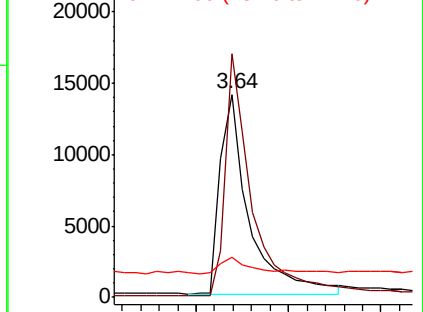
42 100

74 111.6 86.3 129.5

44 10.0 11.6 17.4#



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: 2.983 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

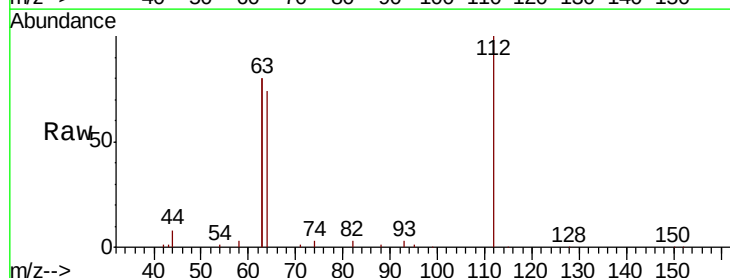
Tgt Ion: 112 Resp: 44359

Ion Ratio Lower Upper

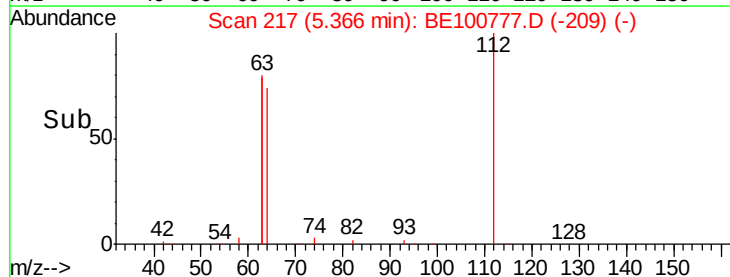
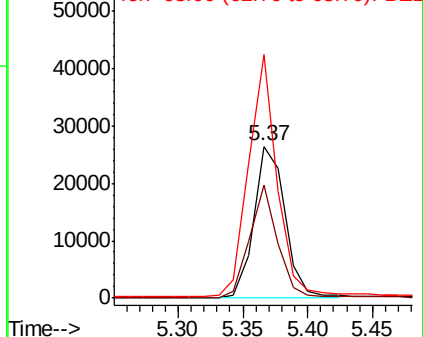
112 100

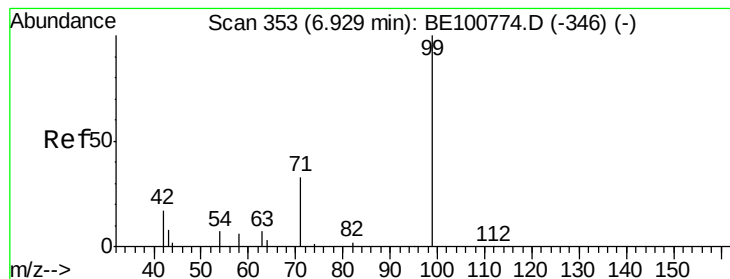
64 66.2 54.1 81.1

63 143.7 113.2 169.8



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: 3.193 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

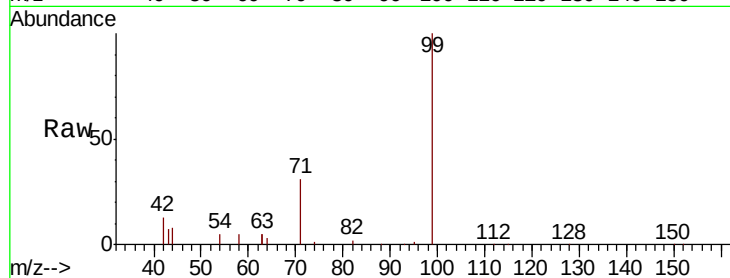
Tot Ion: 99 Resp: 68893

Ion Ratio Lower Upper

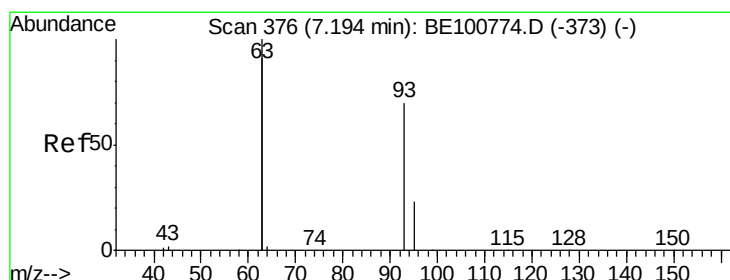
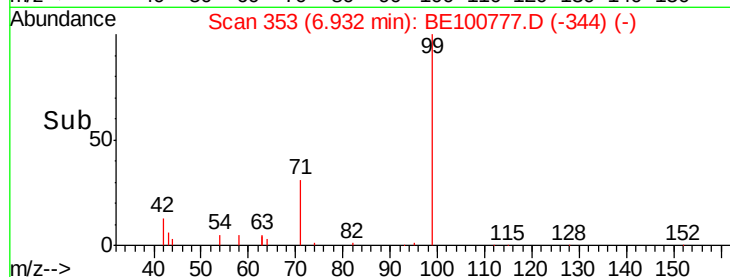
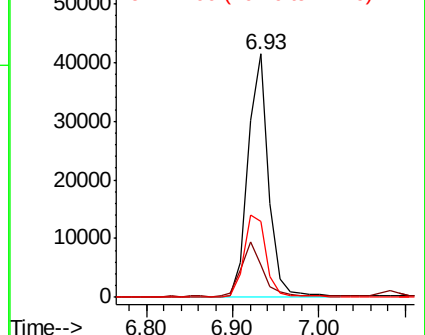
99 100

42 22.8 19.1 28.7

71 36.5 27.7 41.5



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: 3.603 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

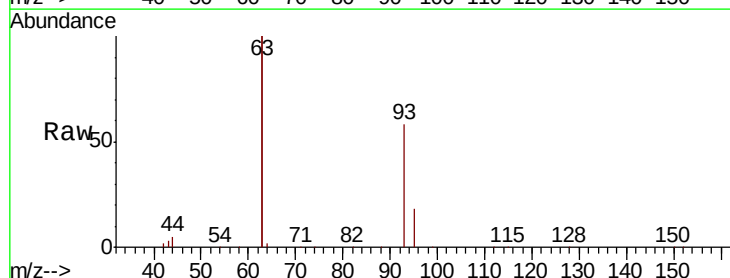
Tgt Ion: 93 Resp: 64823

Ion Ratio Lower Upper

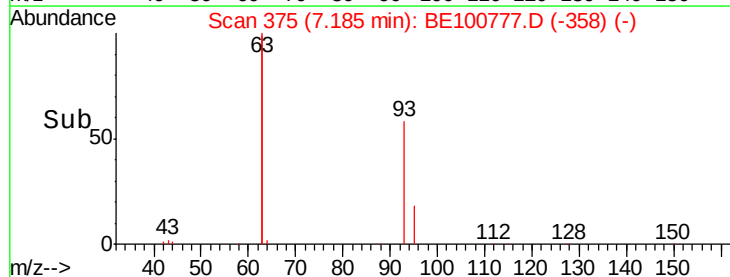
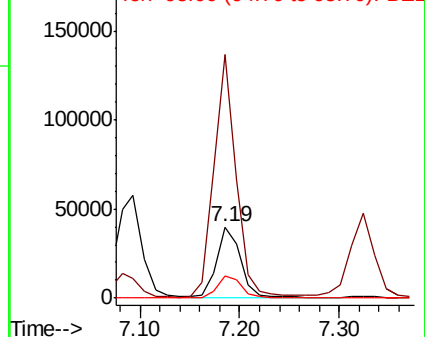
93 100

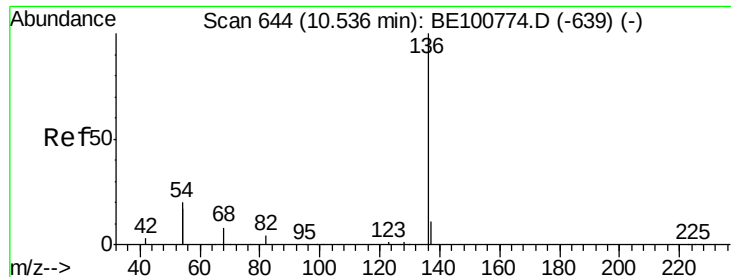
63 322.4 259.4 389.0

95 32.0 26.2 39.2



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: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 24821

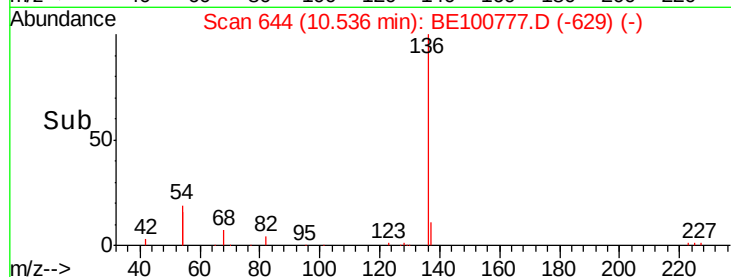
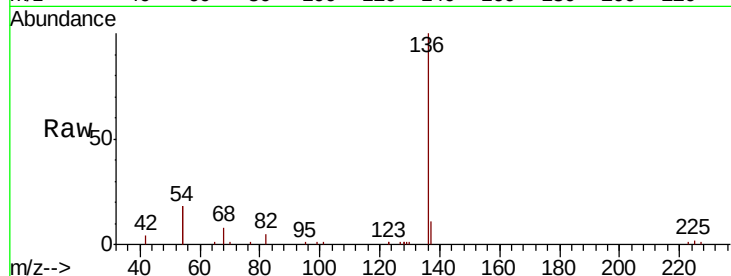
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 36.8 31.1 46.7

68 7.7 6.6 10.0

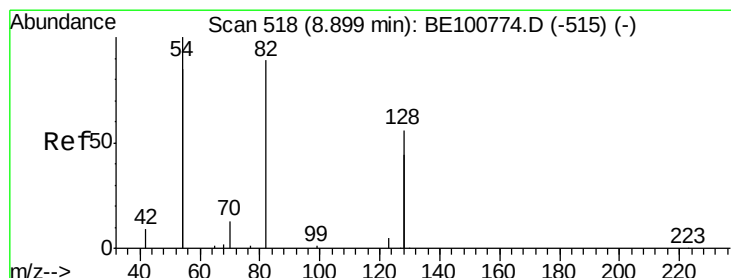
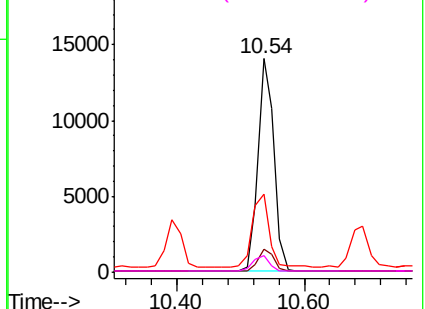


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.524 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

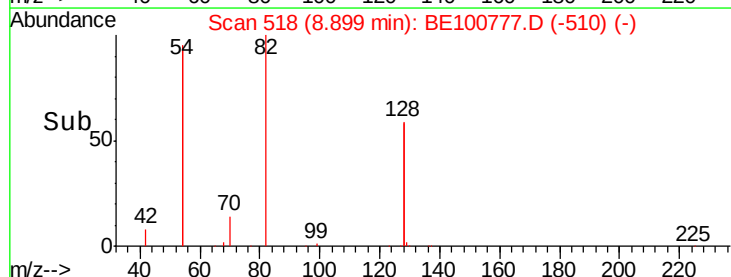
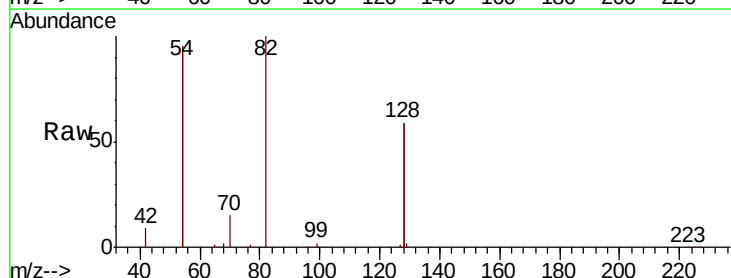
Tgt Ion: 82 Resp: 43958

Ion Ratio Lower Upper

82 100

128 118.2 97.0 145.4

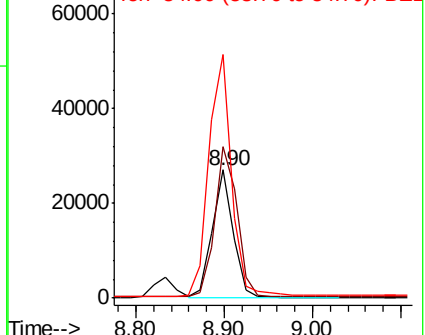
54 189.9 171.8 257.6

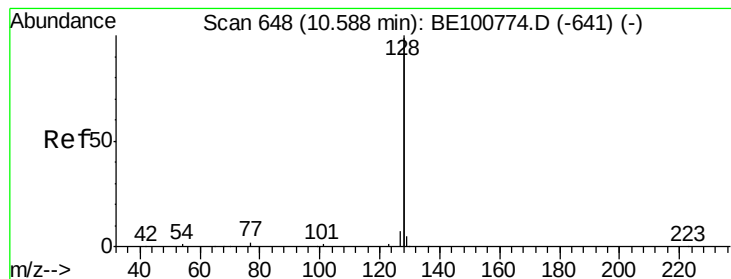


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.325 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

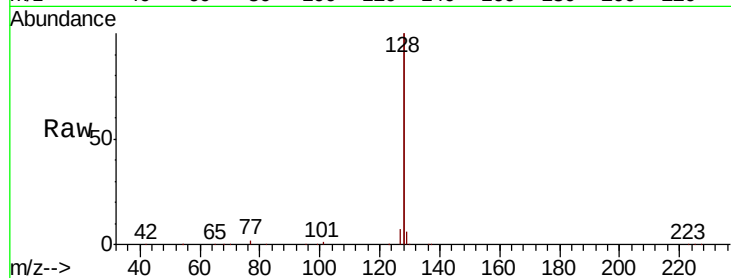
Tot Ion:128 Resp: 876505

Ion Ratio Lower Upper

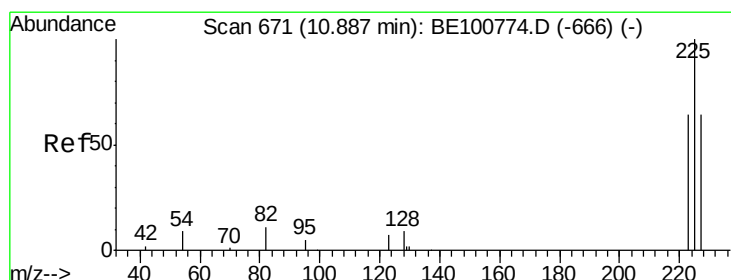
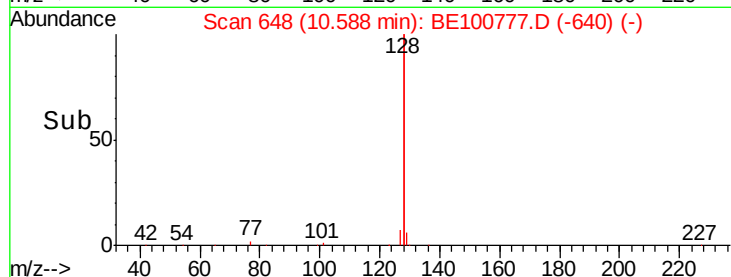
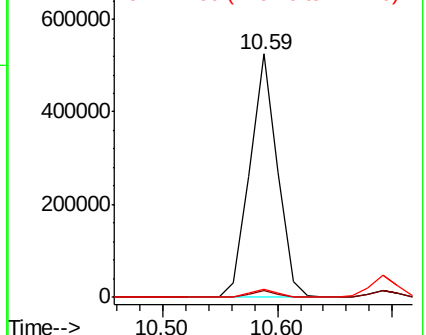
128 100

129 2.8 2.2 3.4

127 3.3 2.7 4.1



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: 3.361 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

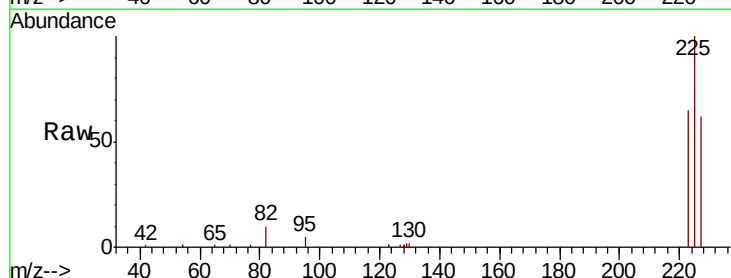
Tgt Ion:225 Resp: 34008

Ion Ratio Lower Upper

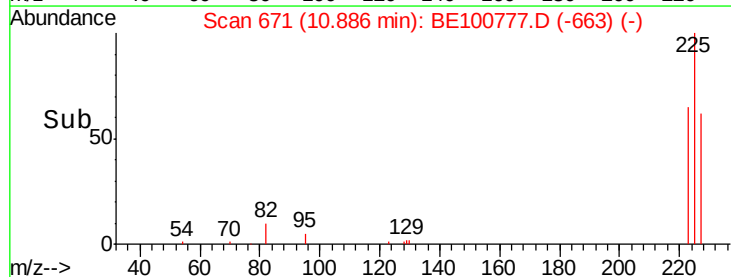
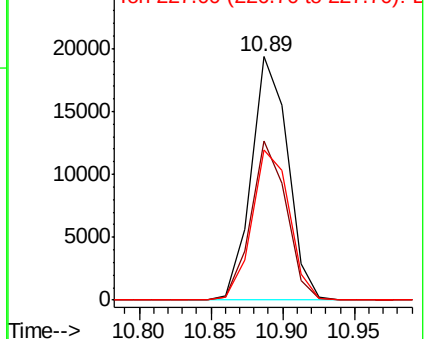
225 100

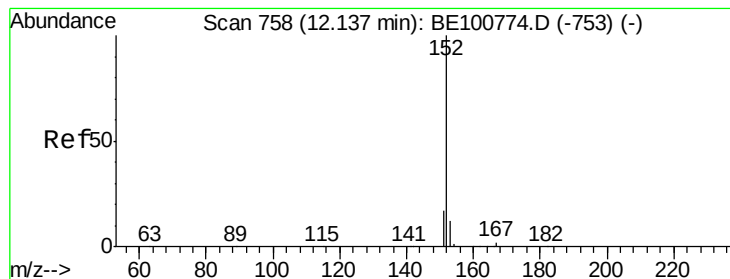
223 63.1 49.9 74.9

227 63.2 52.2 78.4



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: 3.372 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

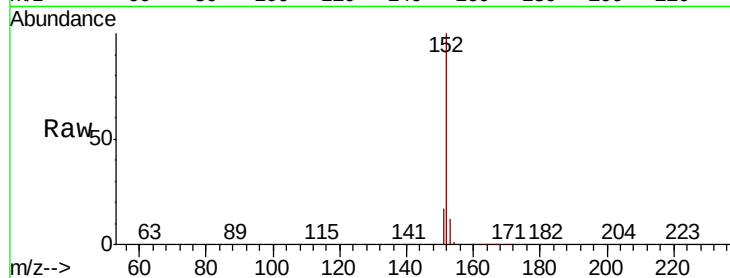
SSTDICC3.2

Tot Ion:152 Resp: 122729

Ion Ratio Lower Upper

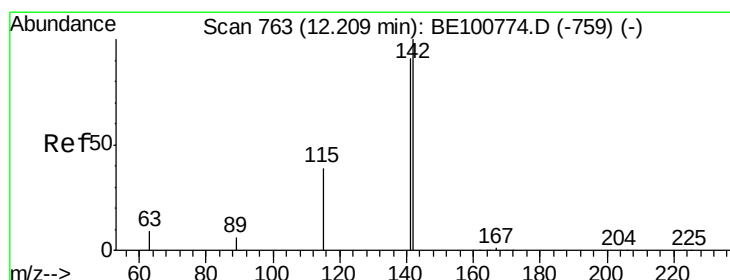
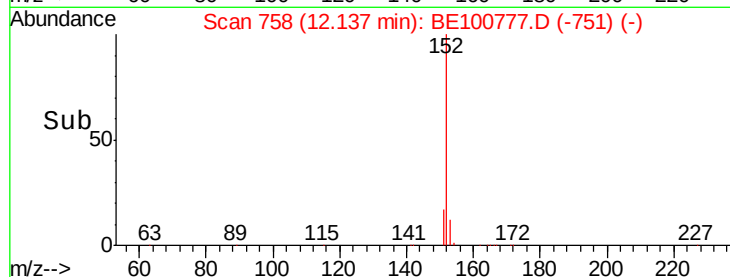
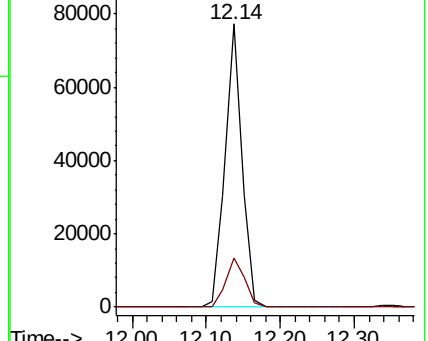
152 100

151 19.3 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.399 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

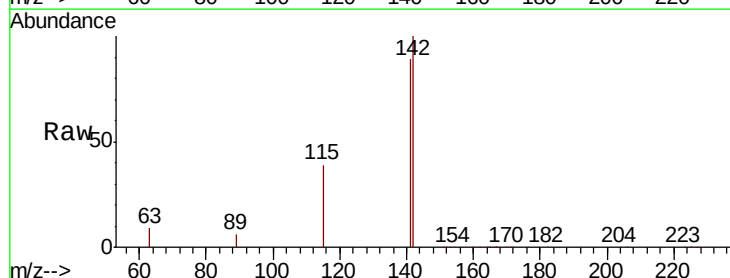
Tgt Ion:142 Resp: 141647

Ion Ratio Lower Upper

142 100

141 89.0 72.6 108.8

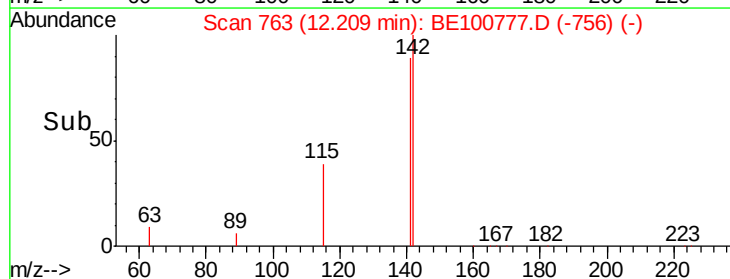
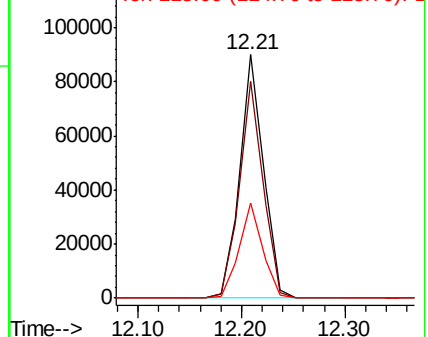
115 39.3 31.8 47.6

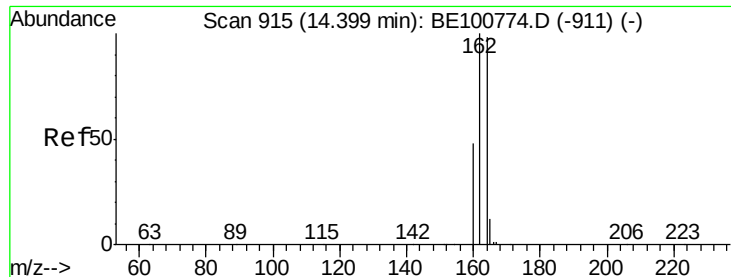


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

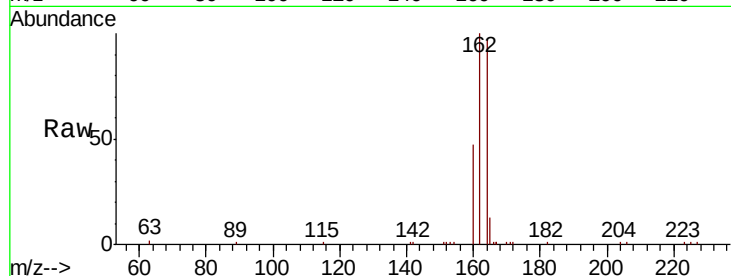
Tot Ion:164 Resp: 14007

Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.0

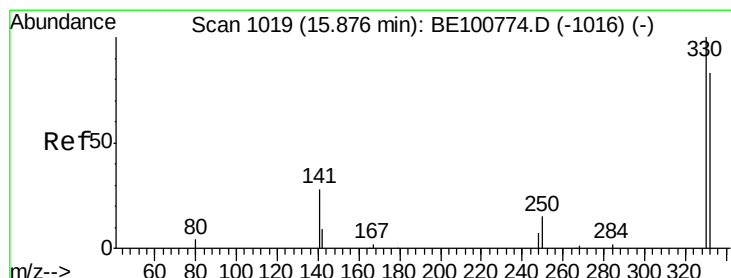
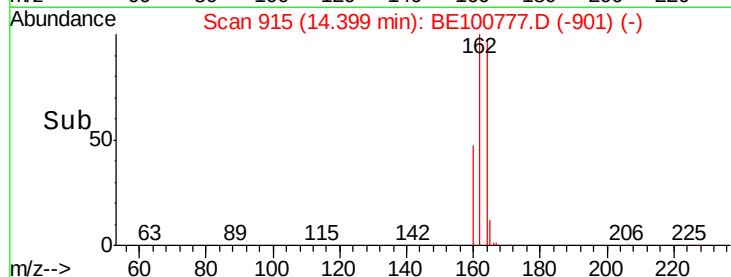
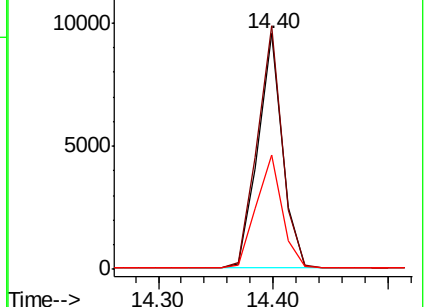
160 48.6 39.4 59.0



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: 4.458 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

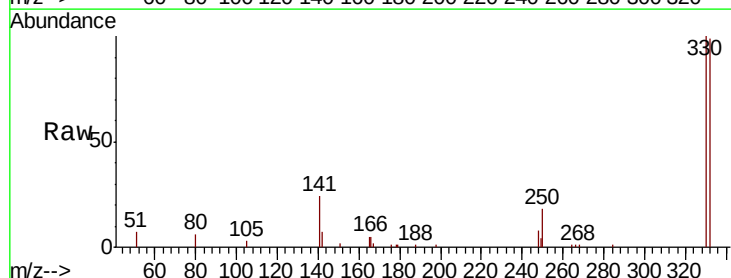
Tgt Ion:330 Resp: 8801

Ion Ratio Lower Upper

330 100

332 97.8 69.4 104.2

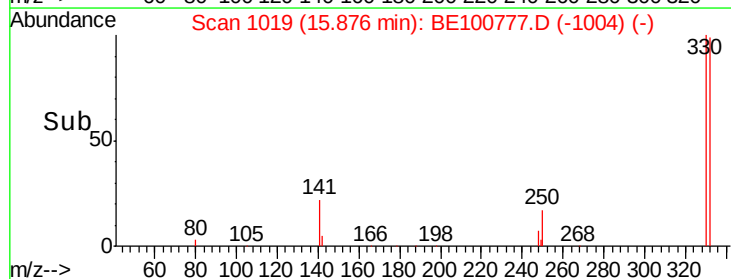
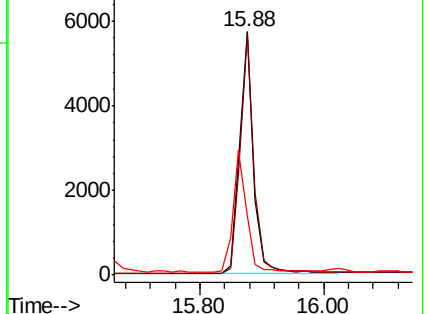
141 50.3 51.1 76.7#

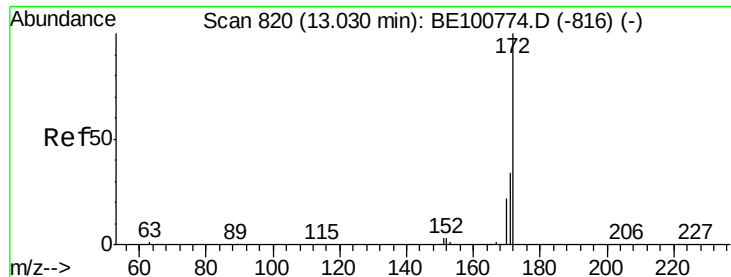


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

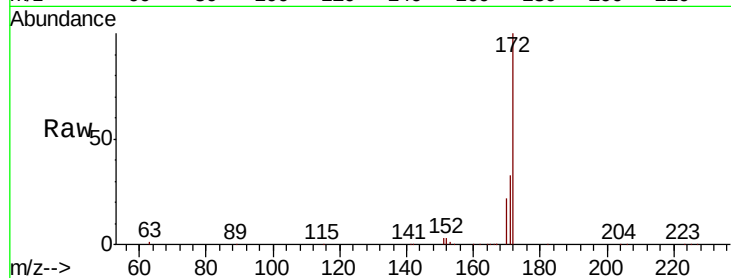




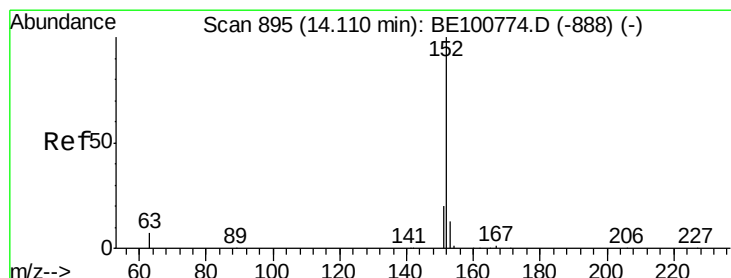
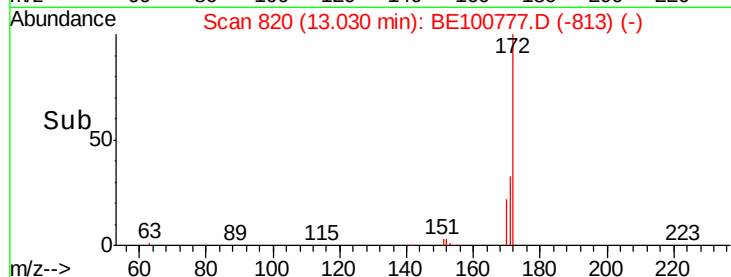
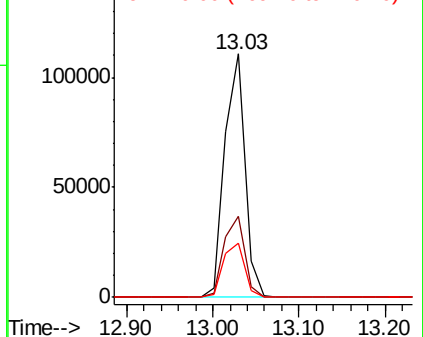
#15
2-Fluorobiphenyl
Concen: 3.299 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:172 Resp: 179442
Ion Ratio Lower Upper
172 100
171 33.1 27.2 40.8
170 22.3 18.0 27.0

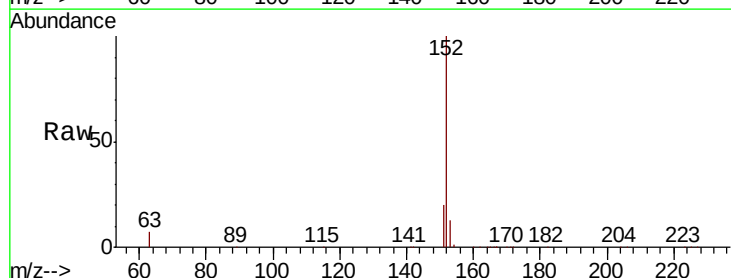


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

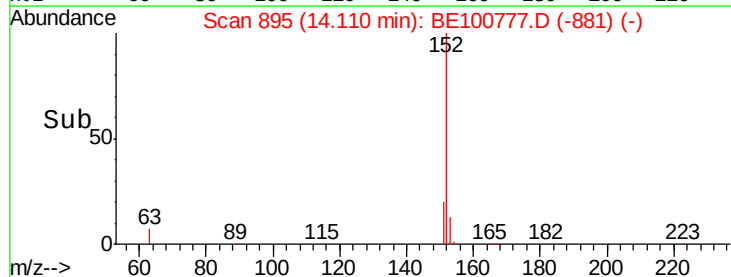
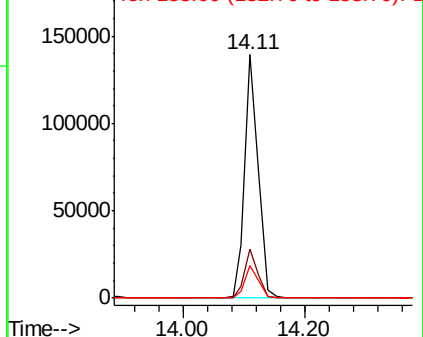


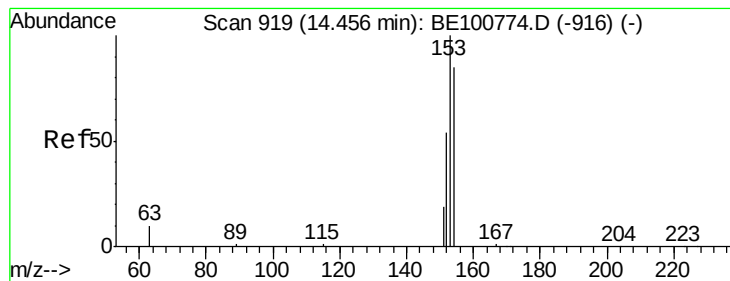
#16
Acenaphthylene
Concen: 3.547 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:152 Resp: 213900
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.382 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

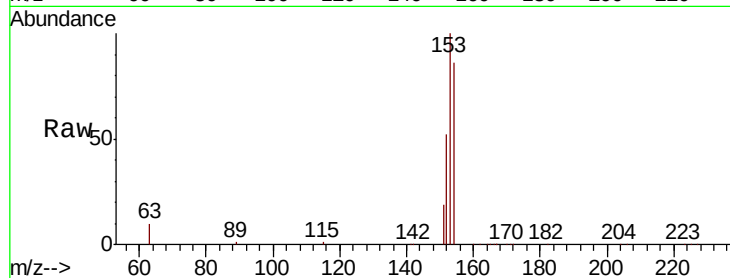
Tot Ion:154 Resp: 136754

Ion Ratio Lower Upper

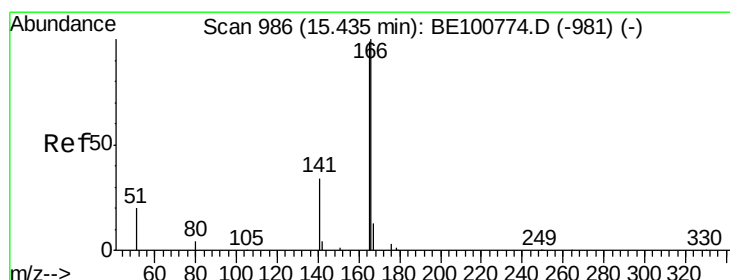
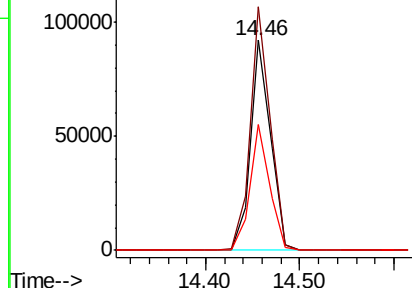
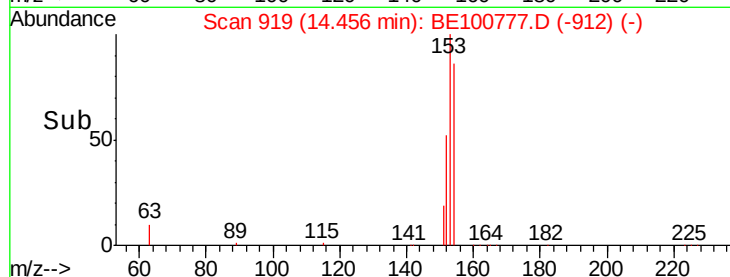
154 100

153 114.9 92.2 138.2

152 59.0 49.1 73.7



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: 3.555 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

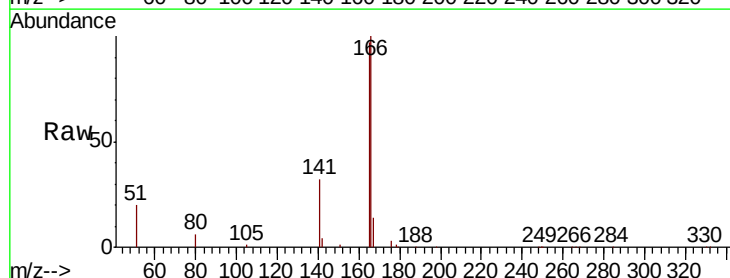
Tgt Ion:166 Resp: 183584

Ion Ratio Lower Upper

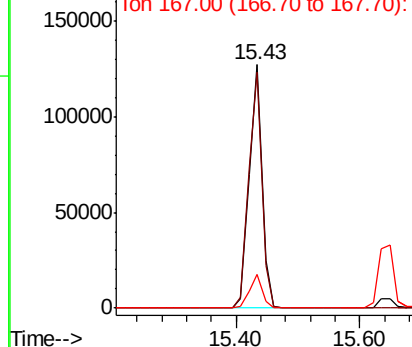
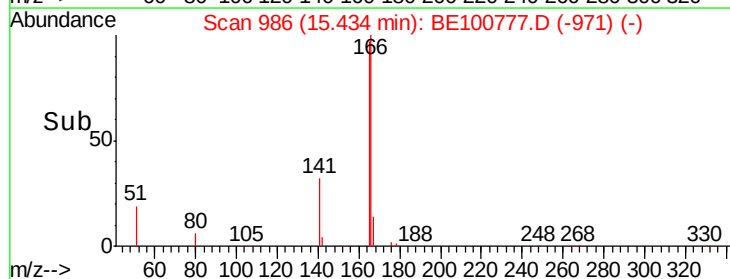
166 100

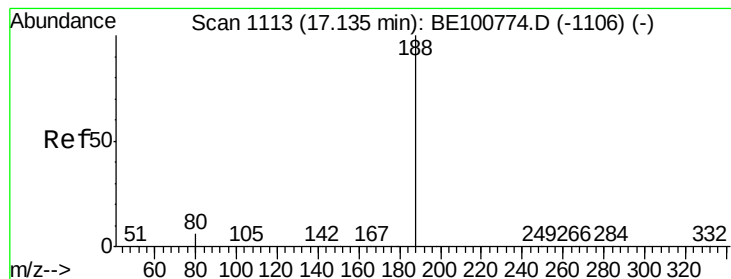
165 99.4 80.5 120.7

167 13.5 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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

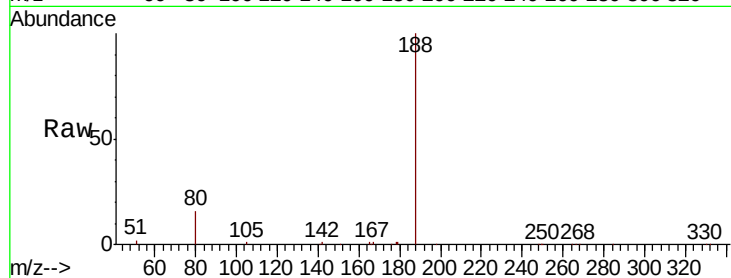
Tot Ion:188 Resp: 30760

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

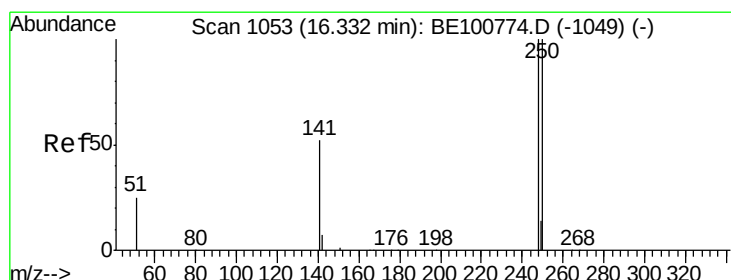
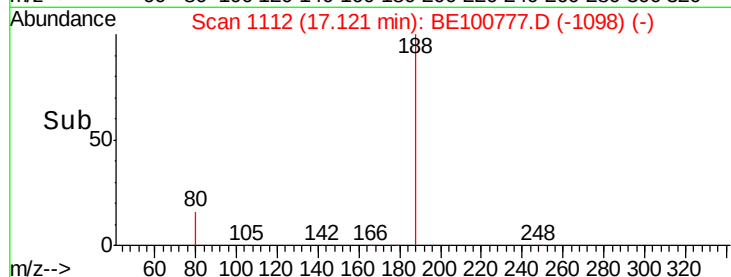
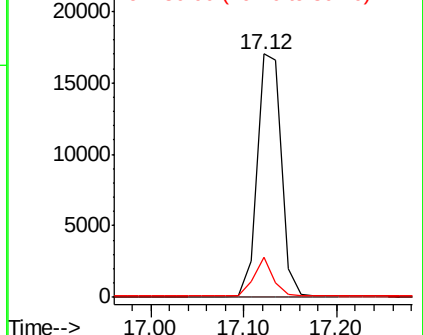
80 16.2 5.2 7.8#



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: 3.650 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

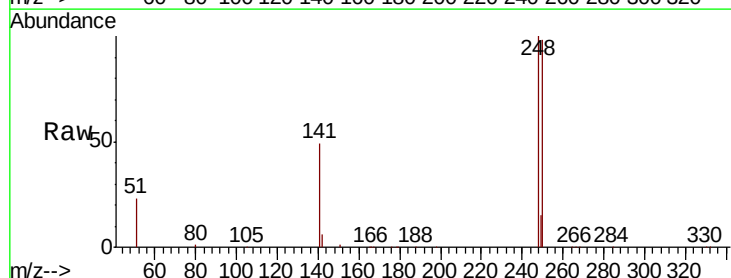
Tgt Ion:248 Resp: 55233

Ion Ratio Lower Upper

248 100

250 98.4 80.5 120.7

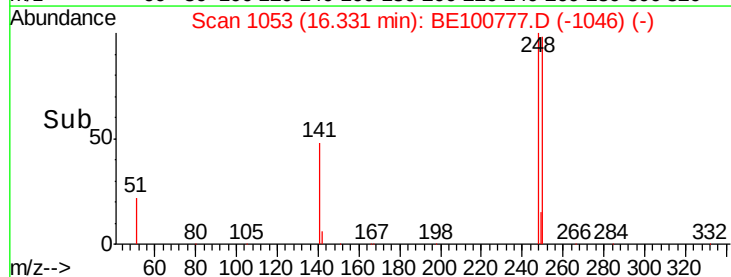
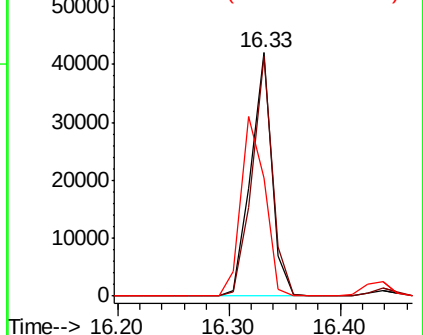
141 48.6 42.6 64.0

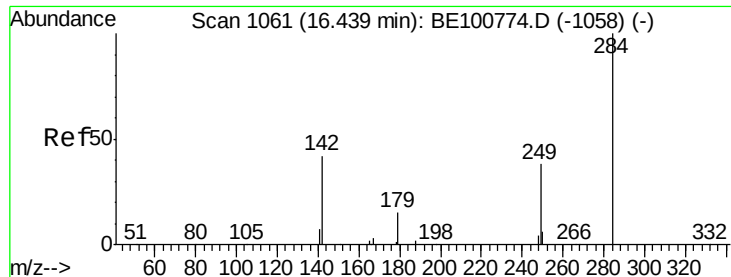


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.530 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

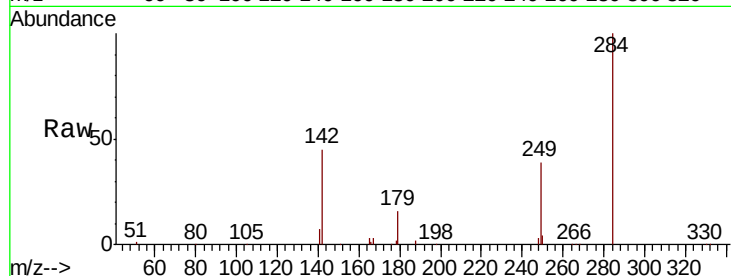
Tot Ion:284 Resp: 55762

Ion Ratio Lower Upper

284 100

142 43.1 34.4 51.6

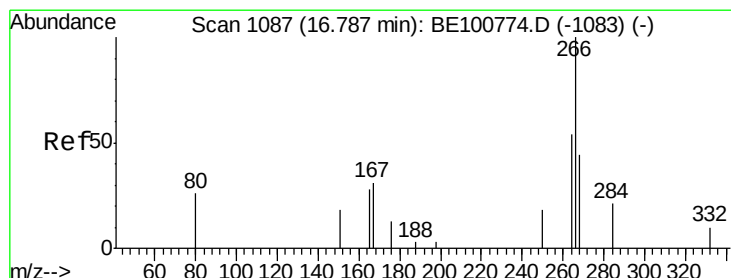
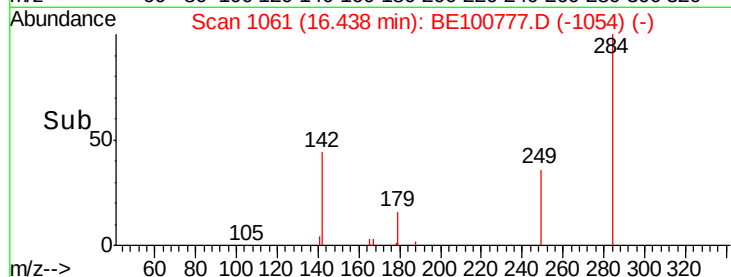
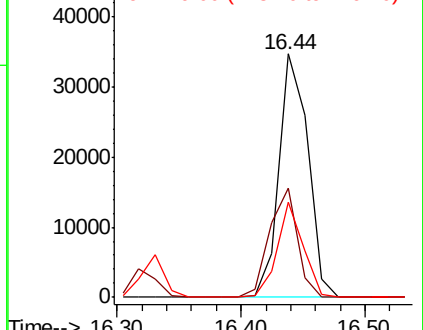
249 34.9 28.5 42.7



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: 2.220 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

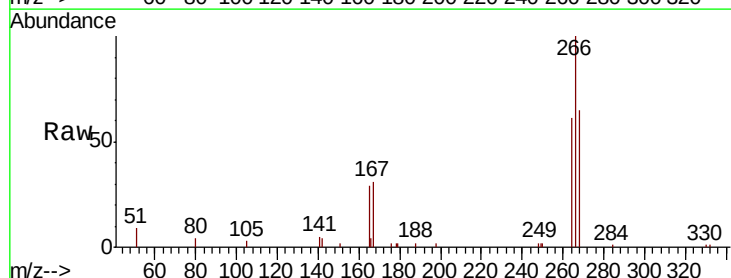
Tgt Ion:266 Resp: 6368

Ion Ratio Lower Upper

266 100

264 60.7 63.4 95.0#

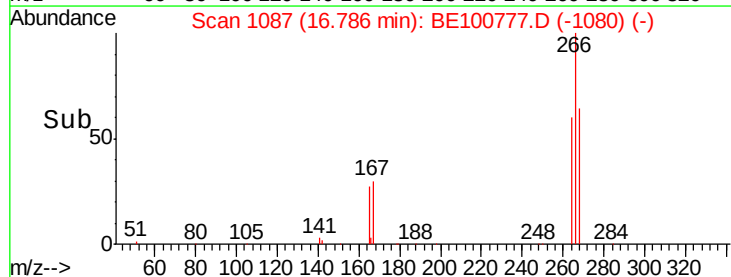
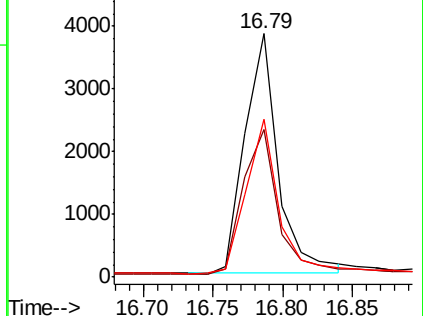
268 64.8 65.8 98.8#

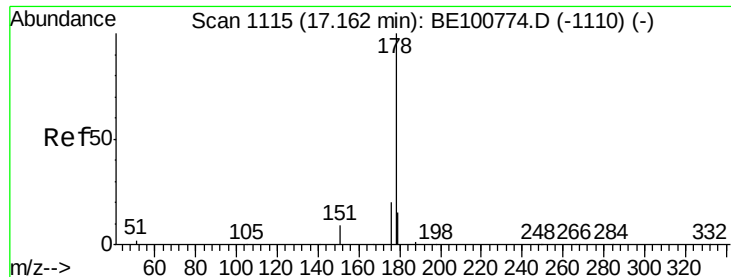


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

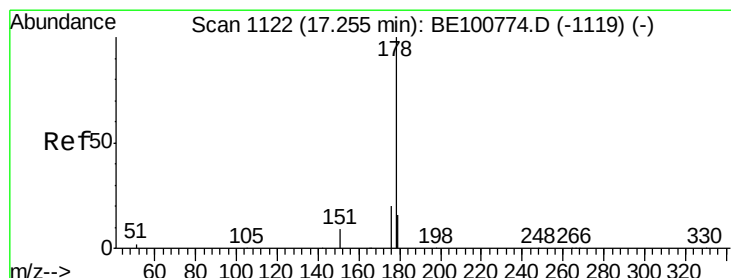
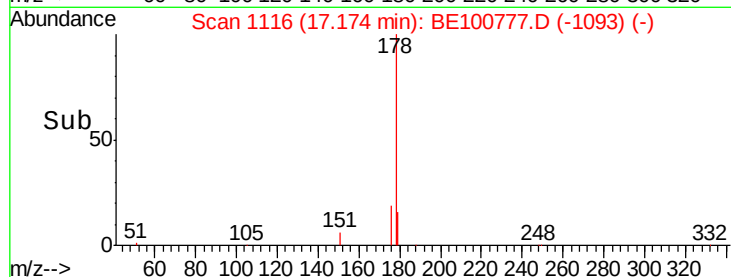
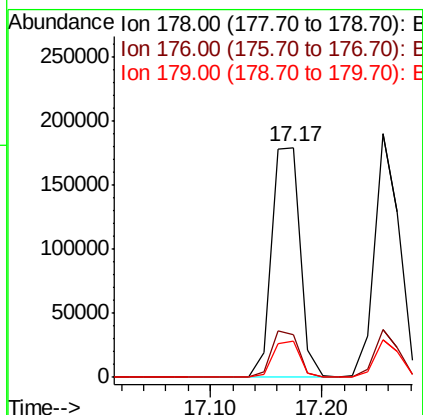
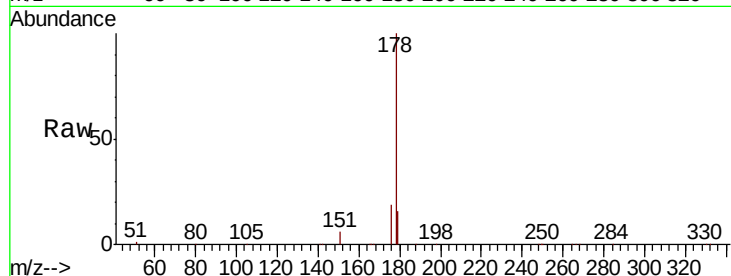




#23
Phenanthrene
Concen: 3.461 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

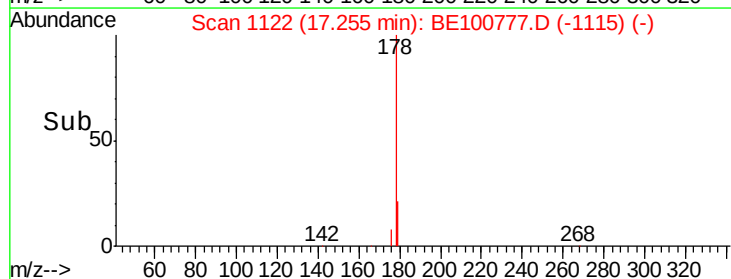
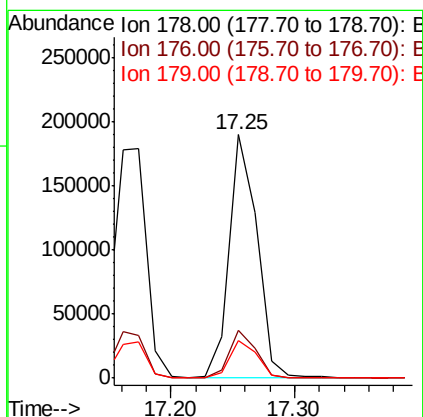
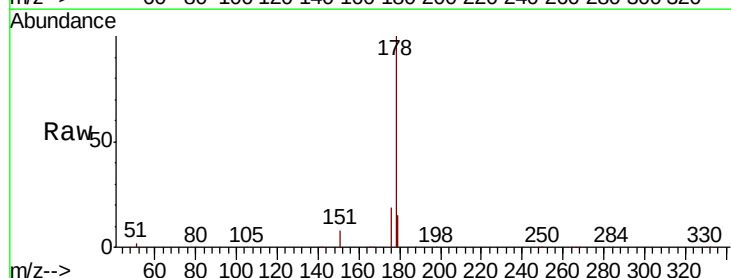
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

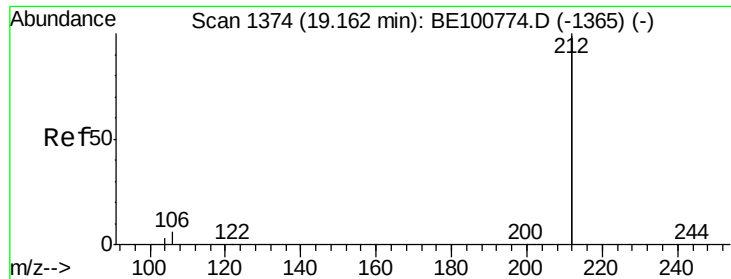
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.3	18.5



#24
Anthracene
Concen: 3.695 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.7	19.1

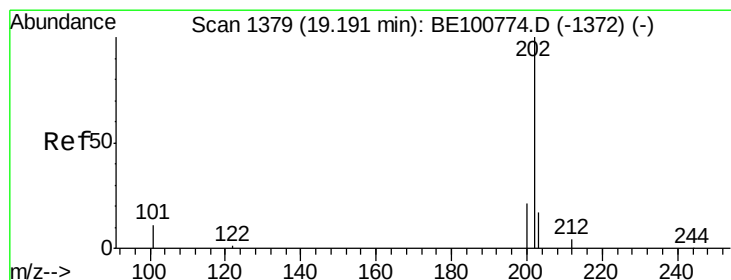
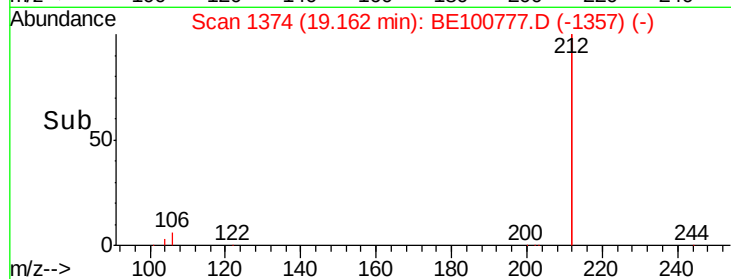
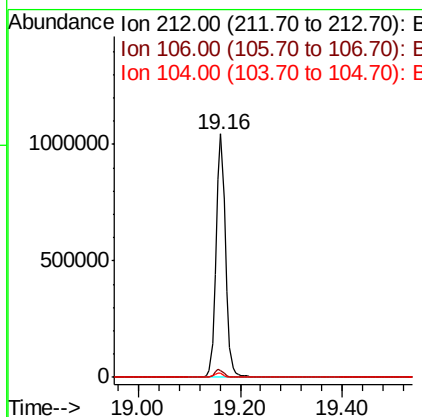
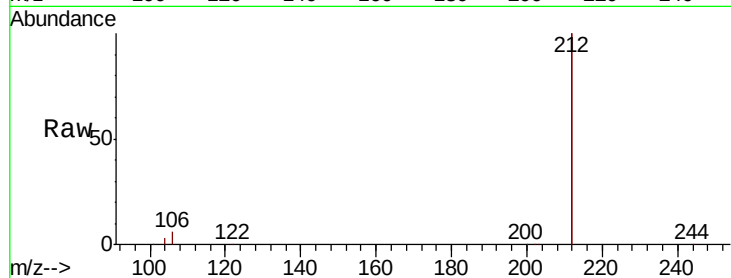




#25
 Fluoranthene-d10
 Concen: 3.575 ng
 RT: 19.16 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE100777.D
 Acq: 4 Dec 2019 15:42

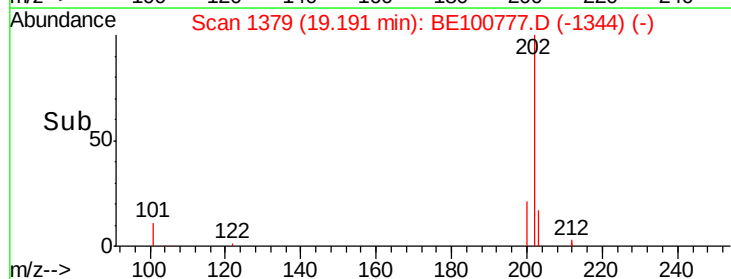
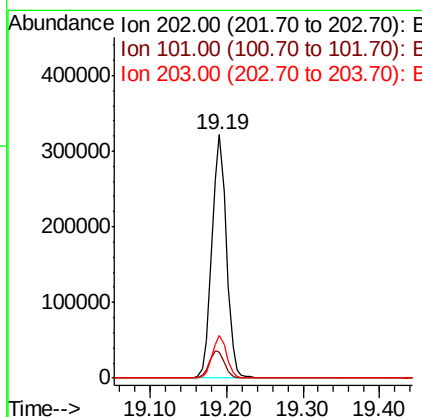
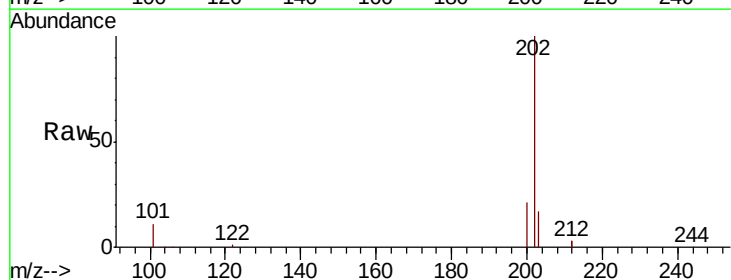
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

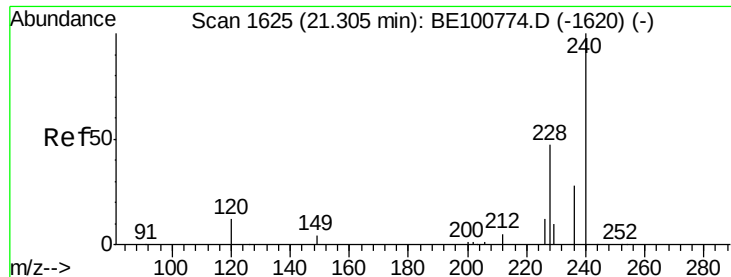
Tot Ion:212 Resp: 1345939
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.6 3.8
 104 1.8 1.4 2.2



#26
 Fluoranthene
 Concen: 3.699 ng
 RT: 19.19 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BE100777.D
 Acq: 4 Dec 2019 15:42

Tgt Ion:202 Resp: 419268
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.1 13.7
 203 17.5 13.8 20.6

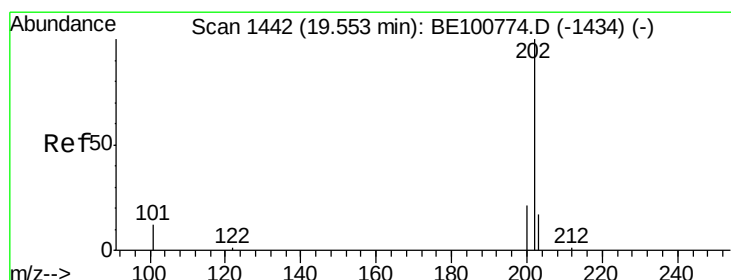
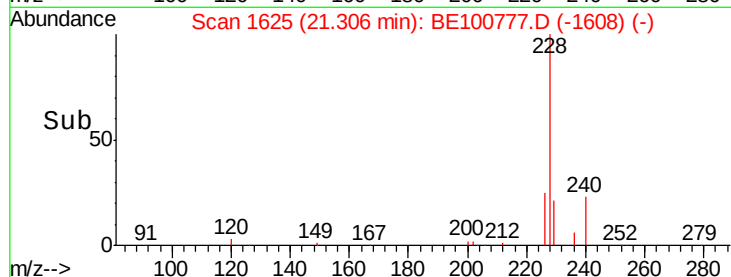
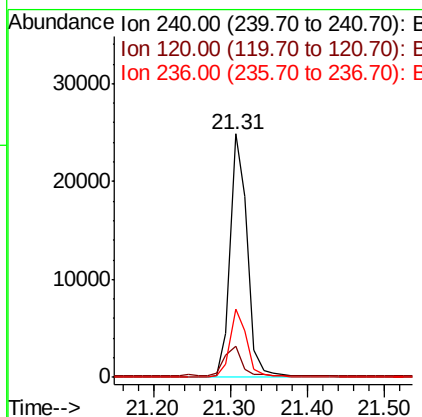
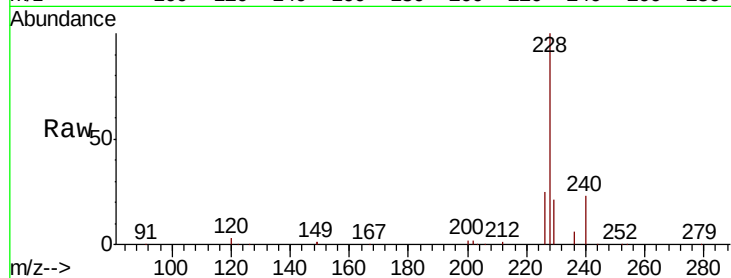




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

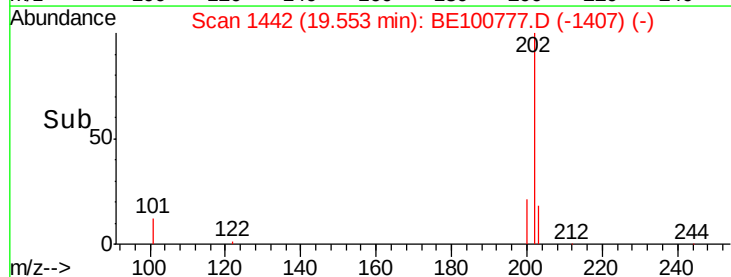
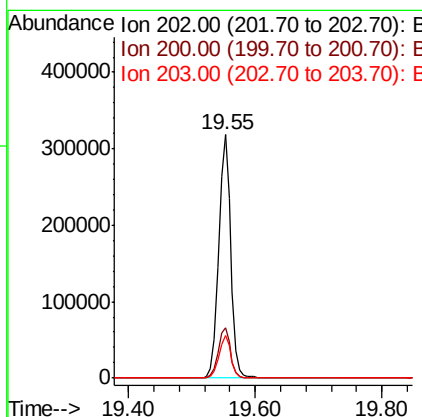
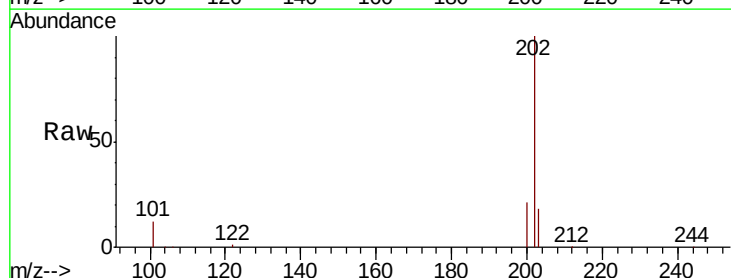
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

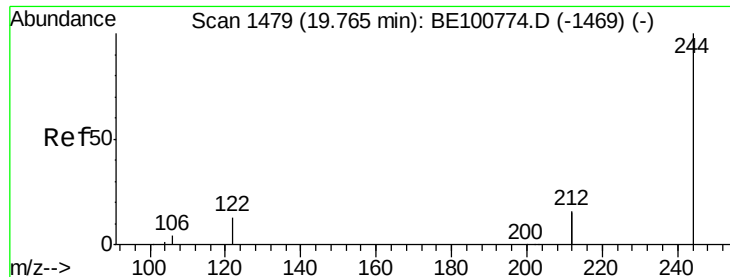
Tot Ion:240 Resp: 37869
Ion Ratio Lower Upper
240 100
120 12.9 10.2 15.2
236 28.0 22.3 33.5



#28
Pyrene
Concen: 3.531 ng
RT: 19.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE100777.D
Acq: 4 Dec 2019 15:42

Tgt Ion:202 Resp: 414108
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 3.481 ng

RT: 19.77 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

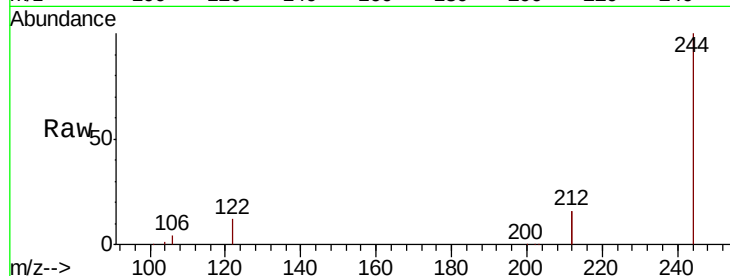
Tot Ion:244 Resp: 303474

Ion Ratio Lower Upper

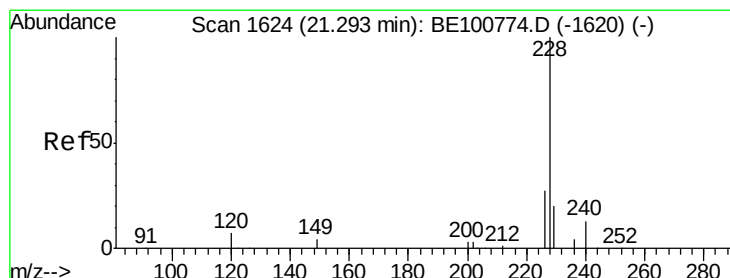
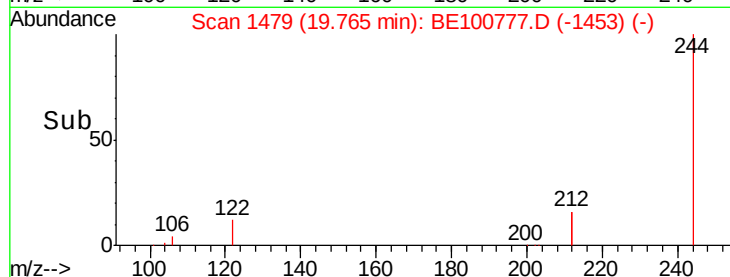
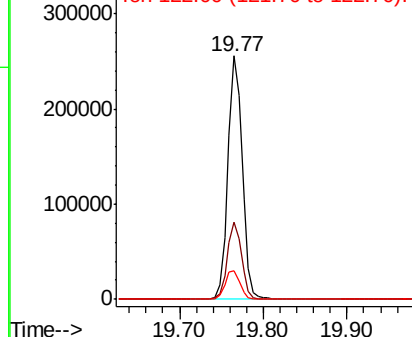
244 100

212 31.8 26.2 39.4

122 12.0 10.2 15.4



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: 3.167 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

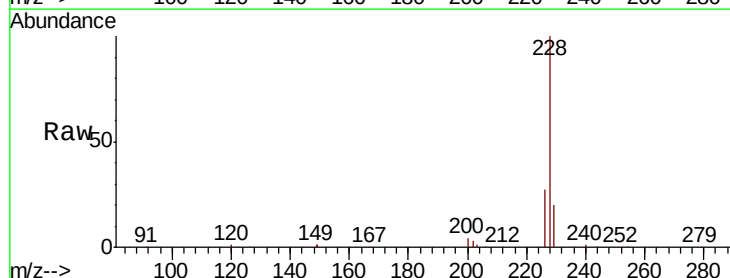
Tgt Ion:228 Resp: 404553

Ion Ratio Lower Upper

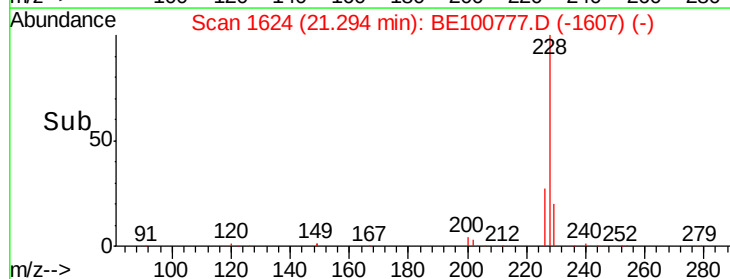
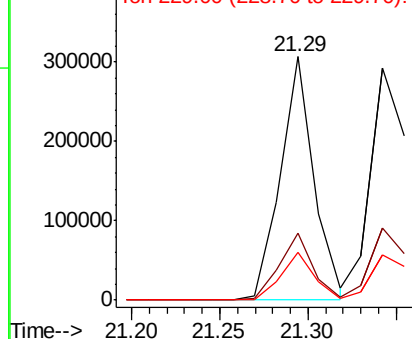
228 100

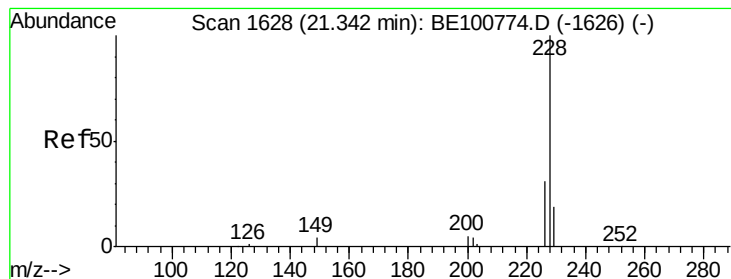
226 27.4 21.5 32.3

229 19.7 16.0 24.0



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: 3.281 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

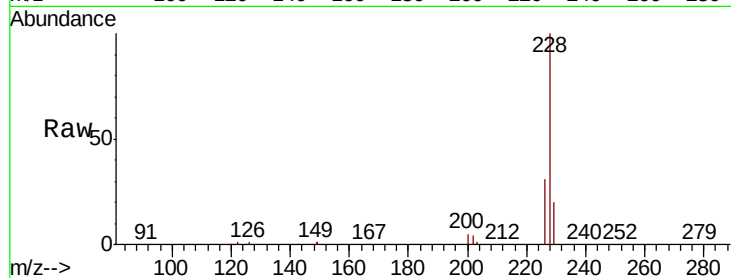
Tot Ion:228 Resp: 426135

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

229 19.6 15.4 23.2

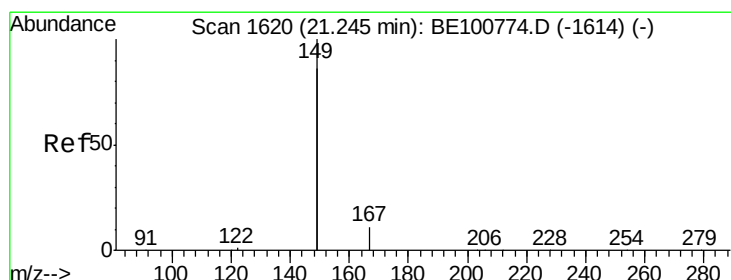
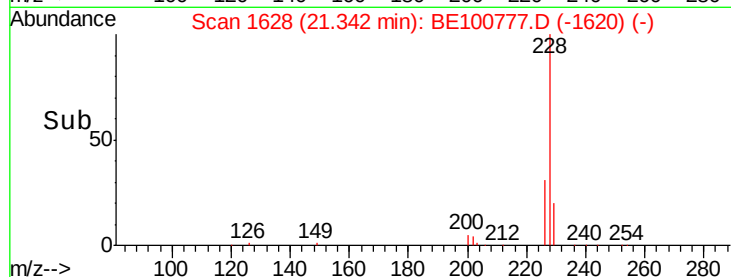
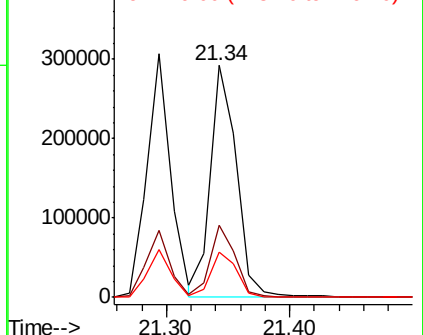


Abundance

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: 1.933 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

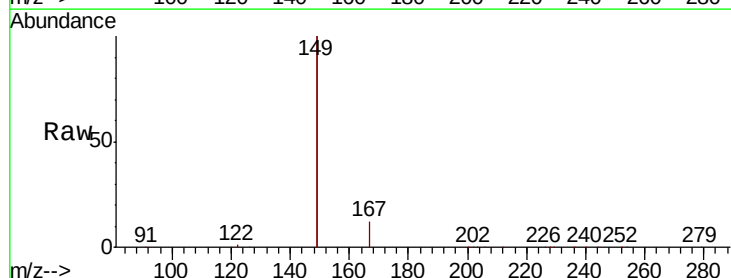
Tgt Ion:149 Resp: 444132

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

279 0.8 0.7 1.1

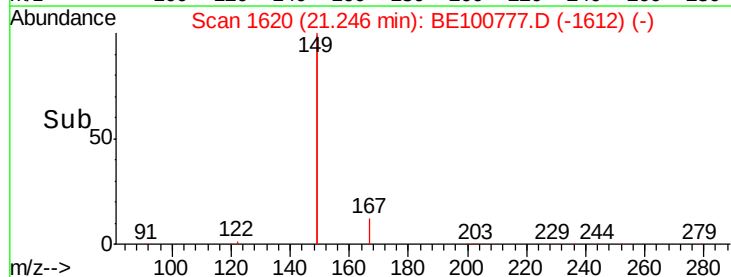
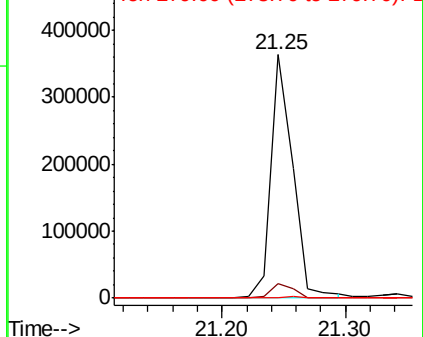


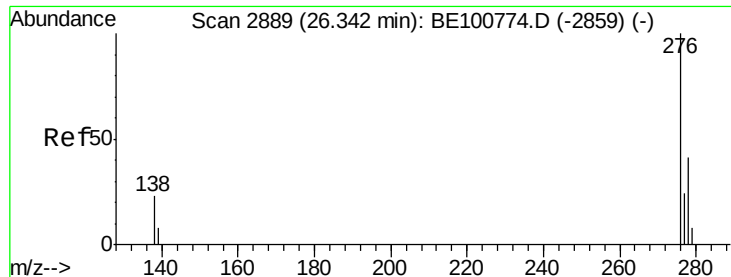
Abundance

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: 2.960 ng

RT: 26.34 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

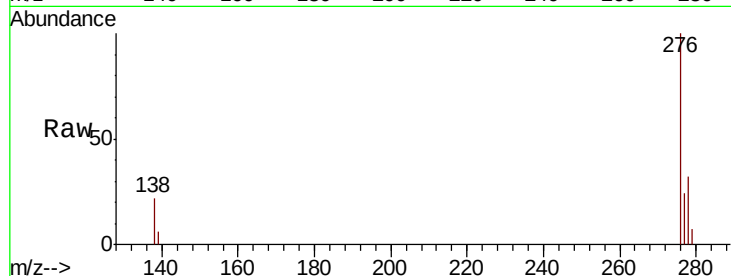
Tot Ion:276 Resp: 402937

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

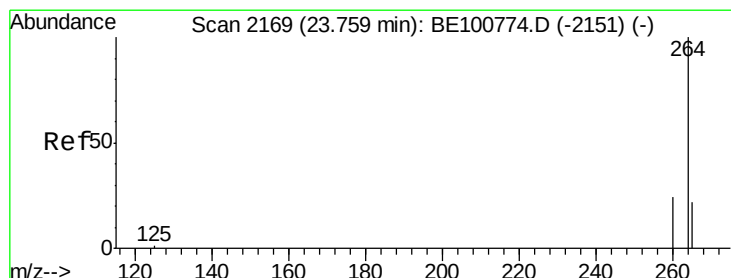
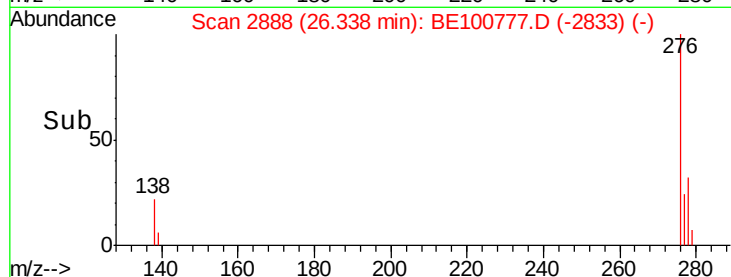
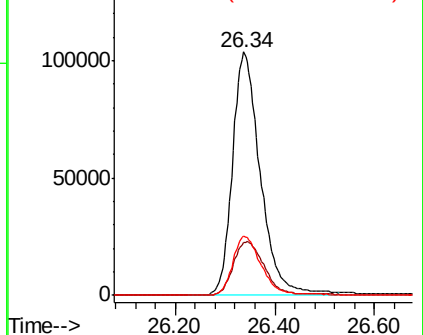
277 24.8 19.8 29.6



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: 23.76 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

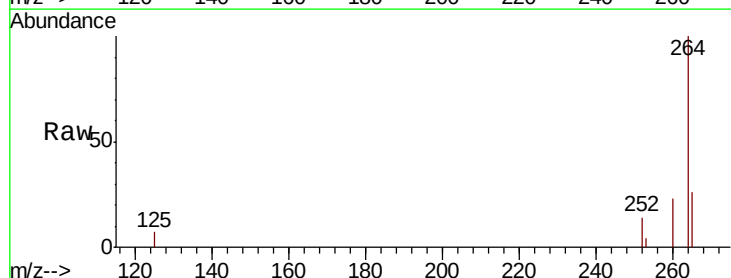
Tgt Ion:264 Resp: 37238

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

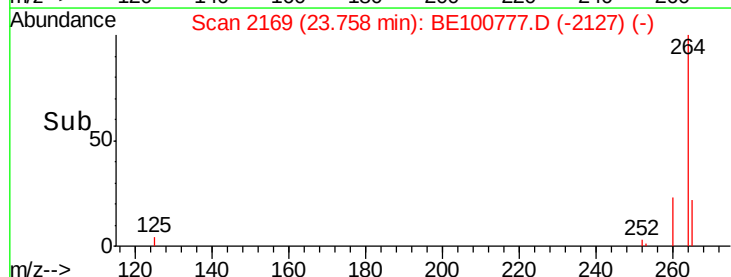
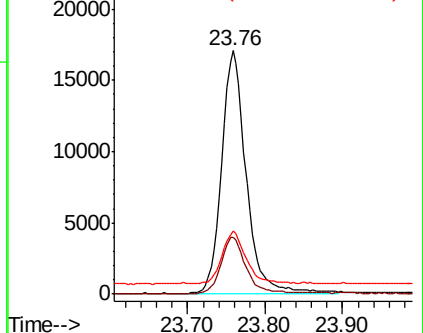
265 26.0 21.8 32.8

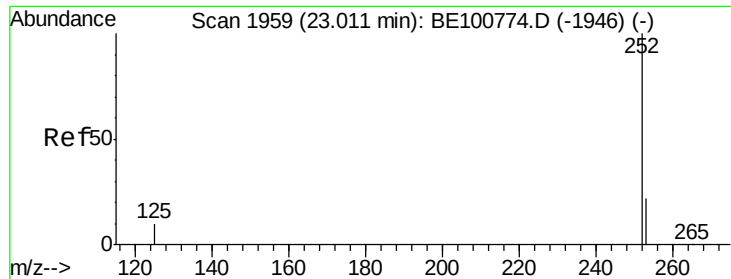


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.126 ng

RT: 23.01 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

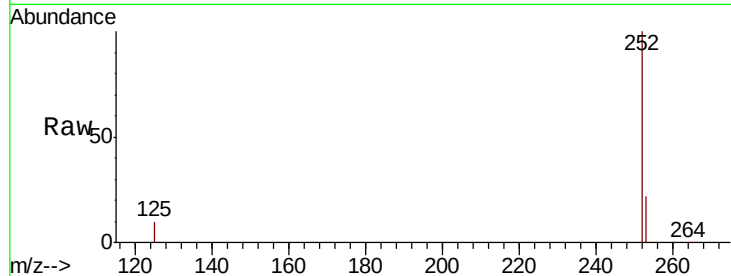
Tot Ion:252 Resp: 365282

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.1 9.0 13.4

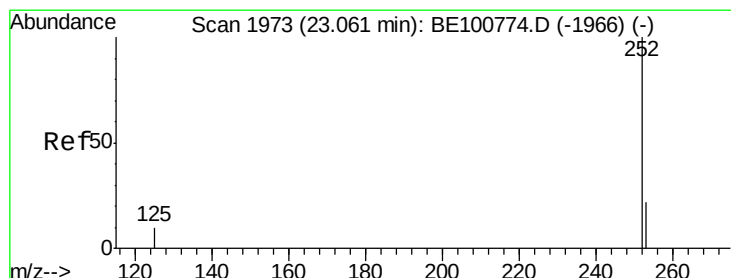
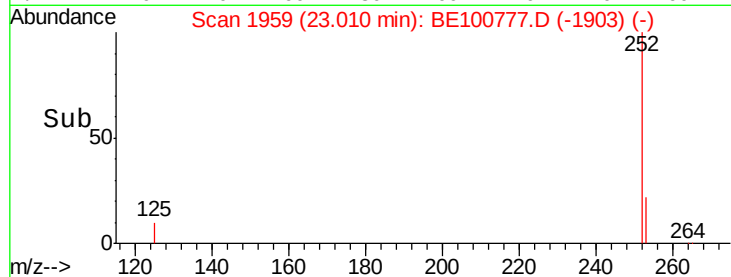
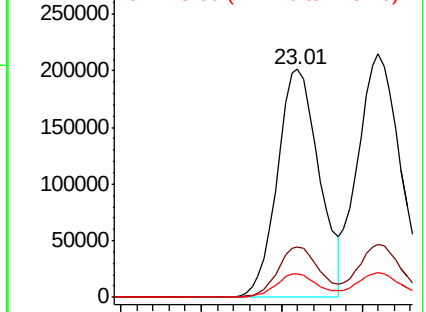


Abundance

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: 3.433 ng

RT: 23.06 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

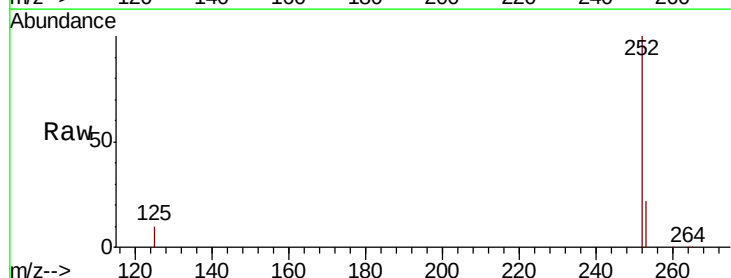
Tgt Ion:252 Resp: 418320

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 10.1 8.7 13.1

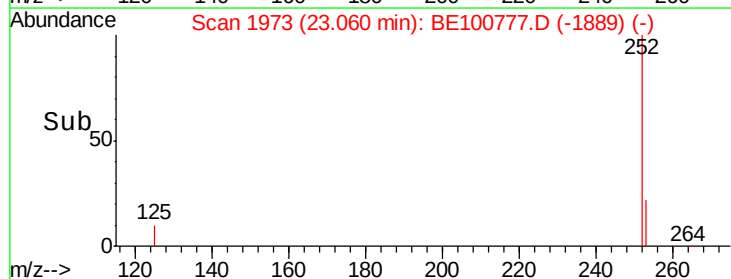
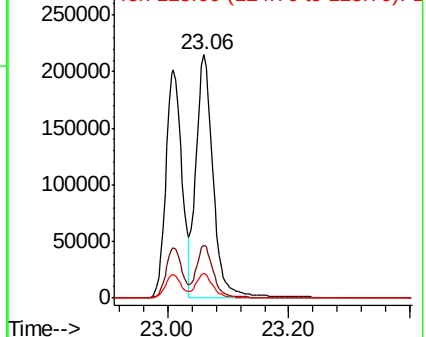


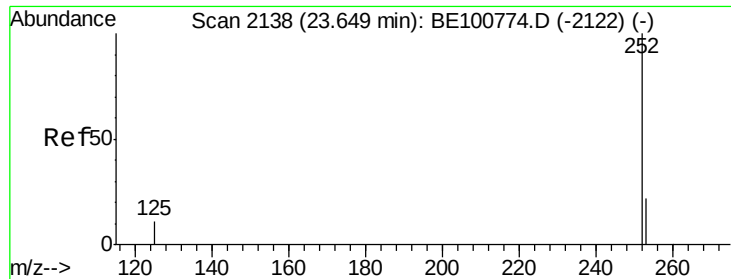
Abundance

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





#37

Benzo(a)pyrene

Concen: 3.199 ng

RT: 23.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

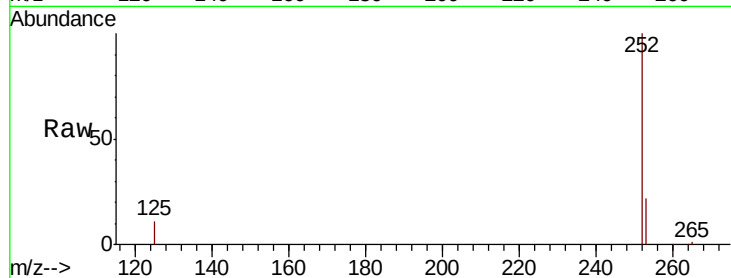
Tot Ion:252 Resp: 329607

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

125 11.1 10.4 15.6

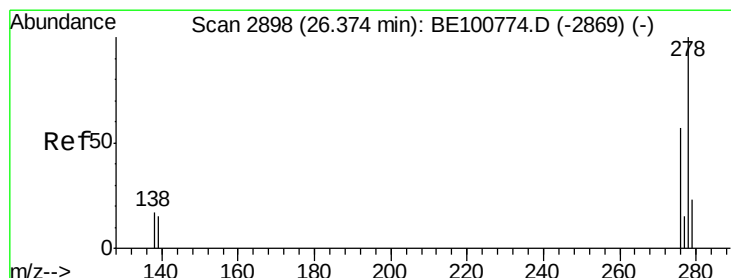
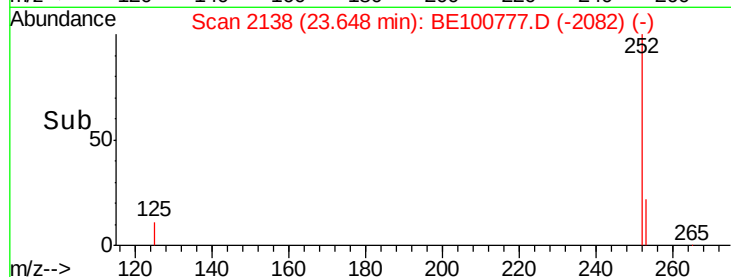
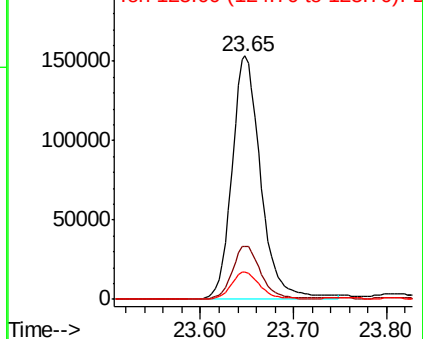


Abundance

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: 3.104 ng

RT: 26.37 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

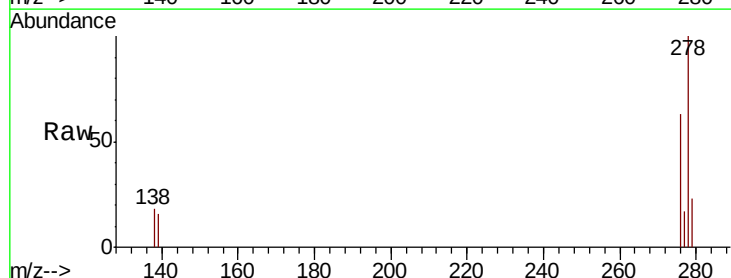
Tgt Ion:278 Resp: 336440

Ion Ratio Lower Upper

278 100

139 15.6 13.0 19.4

279 23.4 19.6 29.4

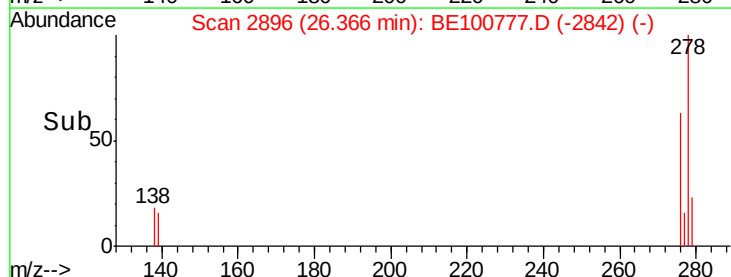
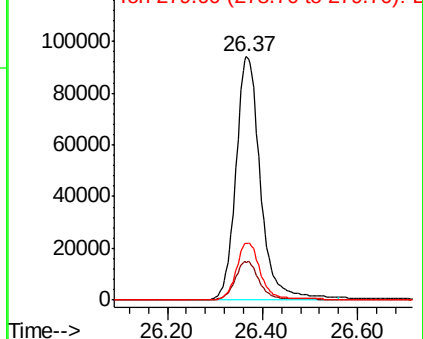


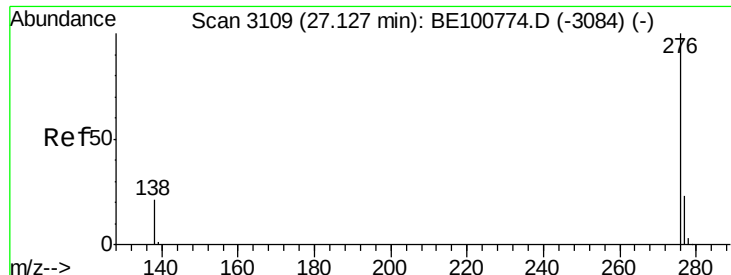
Abundance

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: 2.974 ng

RT: 27.13 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BE100777.D

Acq: 4 Dec 2019 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

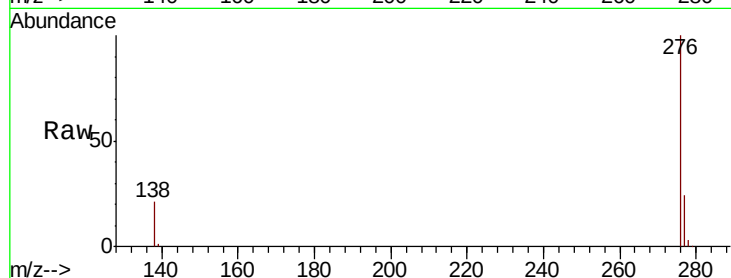
Tot Ion: 276 Resp: 335813

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 21.1 17.8 26.6



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

