

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100821.D
 Acq On : 10 Dec 2019 21:26
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 11 05:41:47 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 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5932	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	29126	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	16688	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	34918	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	31151	0.40	ng	0.00
34) Perylene-d12	23.74	264	38424	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	6519	0.46	ng	0.00
5) Phenol-d6	6.93	99	9843	0.46	ng	0.00
8) Nitrobenzene-d5	8.90	82	7436	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16431	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1173	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	24267	0.37	ng	-0.01
25) Fluoranthene-d10	19.16	212	134221	0.33	ng	0.00
29) Terphenyl-d14	19.76	244	28439	0.38	ng	0.00

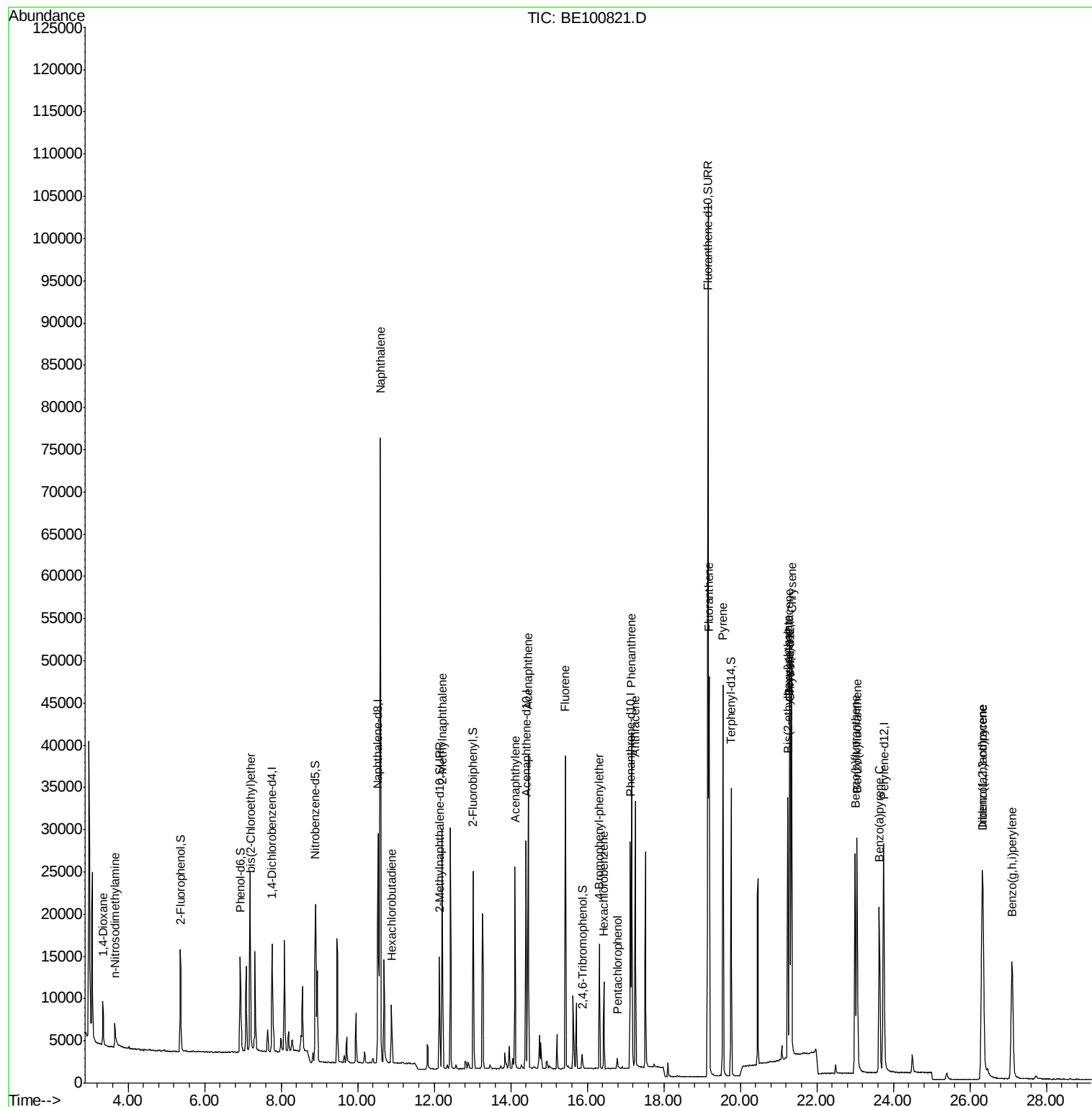
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3877	0.358	ng	99
3) n-Nitrosodimethylamine	3.65	42	3284	0.373	ng	# 87
6) bis(2-Chloroethyl)ether	7.19	93	8000	0.390	ng	98
9) Naphthalene	10.59	128	118563	0.383	ng	100
10) Hexachlorobutadiene	10.89	225	4492	0.372	ng	98
12) 2-Methylnaphthalene	12.21	142	18587	0.385	ng	99
16) Acenaphthylene	14.11	152	25545	0.370	ng	99
17) Acenaphthene	14.46	154	17794	0.374	ng	99
18) Fluorene	15.42	166	22158	0.361	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	6373	0.372	ng	# 60
21) Hexachlorobenzene	16.44	284	7219	0.388	ng	98
22) Pentachlorophenol	16.79	266	815	0.633	ng	# 85
23) Phenanthrene	17.16	178	39465	0.373	ng	100
24) Anthracene	17.25	178	32232	0.364	ng	98
26) Fluoranthene	19.19	202	41116	0.326	ng	100
28) Pyrene	19.55	202	40654	0.402	ng	100
30) Benzo(a)anthracene	21.28	228	37308	0.406	ng	98
31) Chrysene	21.34	228	40239	0.373	ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	42957	0.655	ng	100
33) Indeno(1,2,3-cd)pyrene	26.32	276	41237	0.439	ng	100
35) Benzo(b)fluoranthene	23.00	252	36395	0.346	ng	100
36) Benzo(k)fluoranthene	23.05	252	41066	0.348	ng	100
37) Benzo(a)pyrene	23.63	252	32269	0.354	ng	99
38) Dibenzo(a,h)anthracene	26.35	278	32791	0.362	ng	99
39) Benzo(g,h,i)perylene	27.10	276	35517	0.367	ng	100

(#) = 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: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

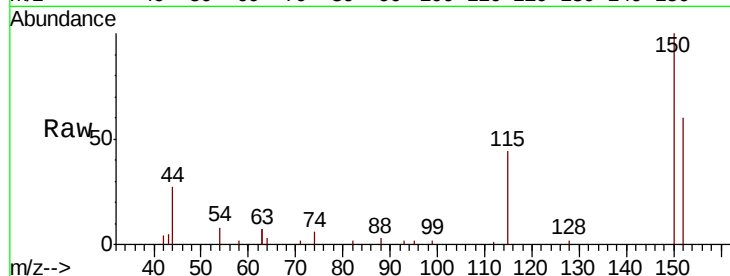
Tot Ion:152 Resp: 5932

Ion Ratio Lower Upper

152 100

150 165.5 120.6 181.0

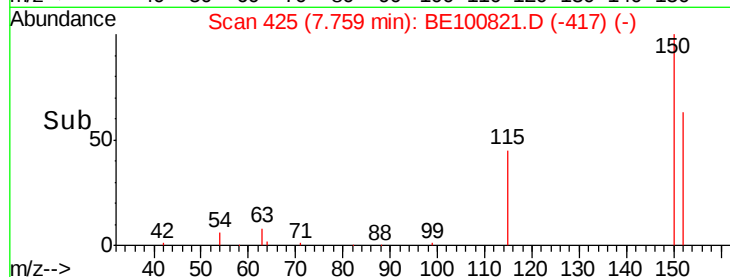
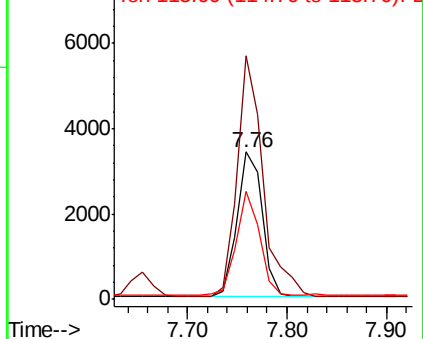
115 73.5 47.4 71.2#



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: 0.358 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

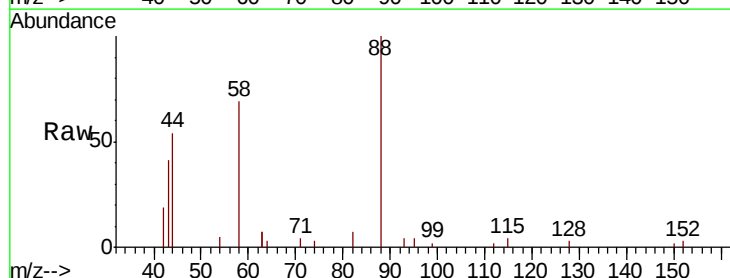
Tgt Ion: 88 Resp: 3877

Ion Ratio Lower Upper

88 100

58 66.1 52.5 78.7

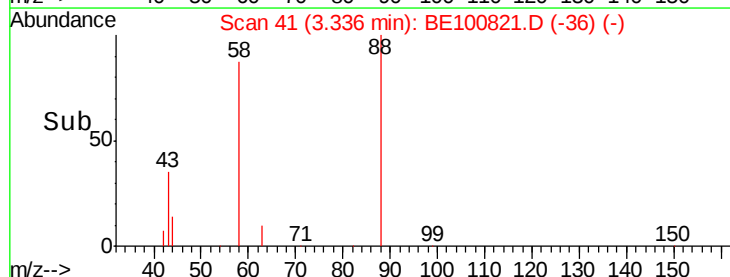
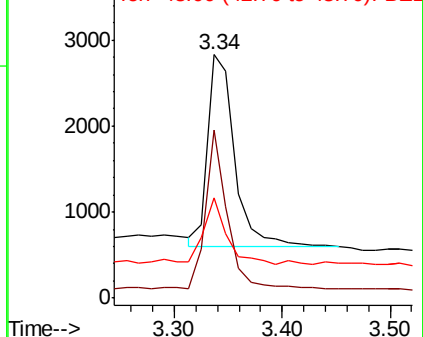
43 30.5 23.0 34.6



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: 0.373 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

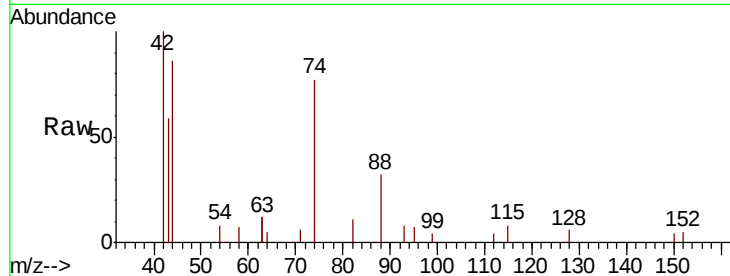
Tot Ion: 42 Resp: 3284

Ion Ratio Lower Upper

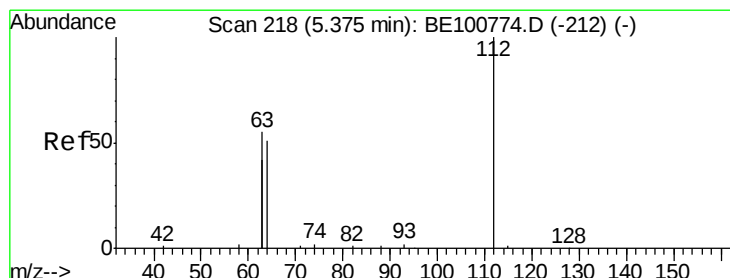
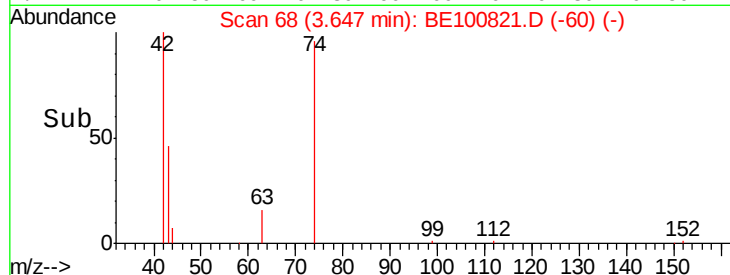
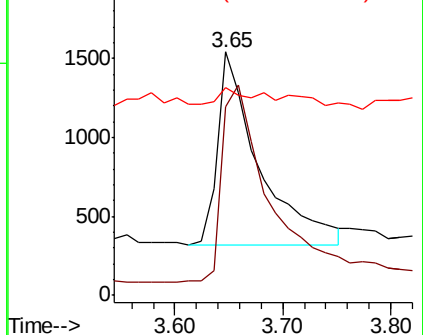
42 100

74 119.9 86.3 129.5

44 5.1 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: 0.463 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

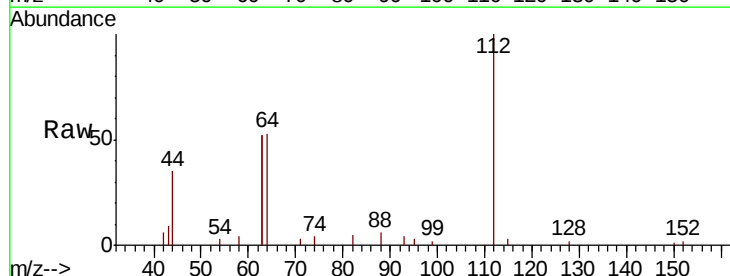
Tgt Ion: 112 Resp: 6519

Ion Ratio Lower Upper

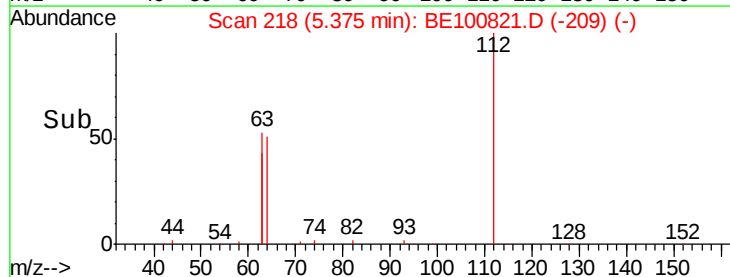
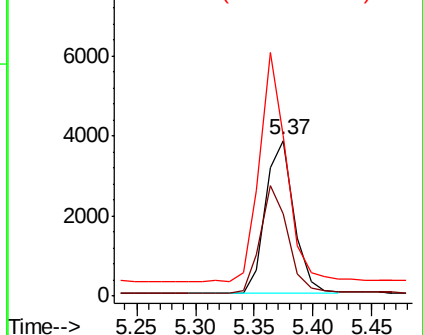
112 100

64 67.8 54.1 81.1

63 141.6 113.2 169.8



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: 0.463 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

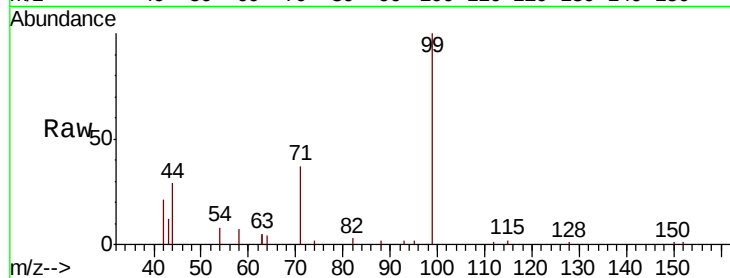
Tot Ion: 99 Resp: 9843

Ion Ratio Lower Upper

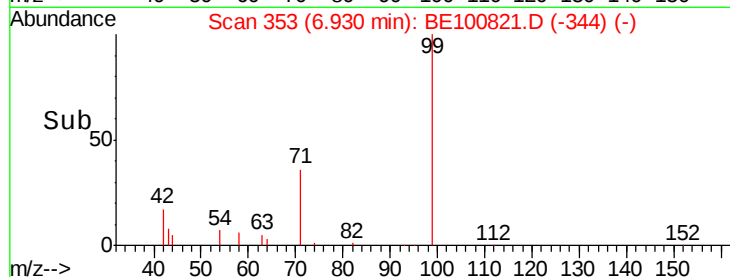
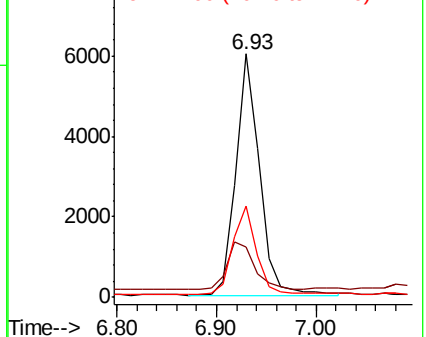
99 100

42 22.9 19.1 28.7

71 36.7 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: 0.390 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

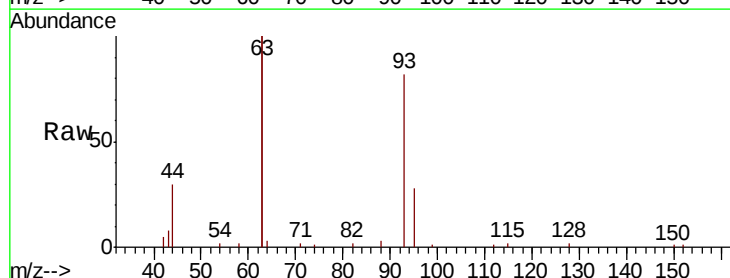
Tgt Ion: 93 Resp: 8000

Ion Ratio Lower Upper

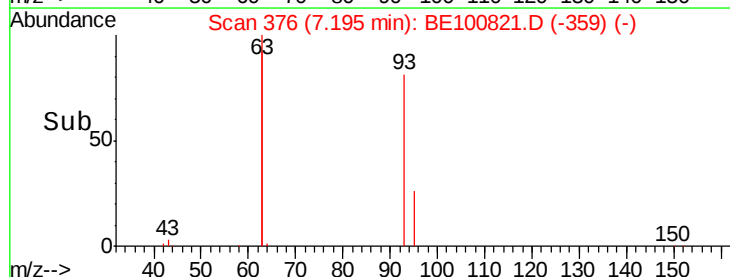
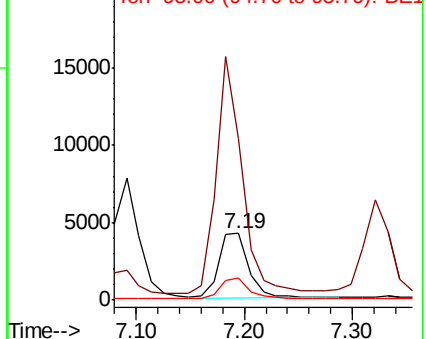
93 100

63 319.3 259.4 389.0

95 32.8 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: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 29126

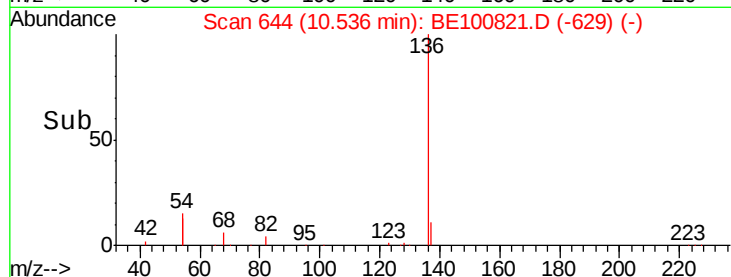
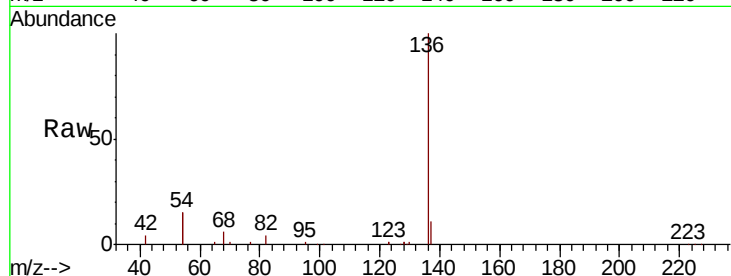
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 29.8 31.1 46.7#

68 6.1 6.6 10.0#

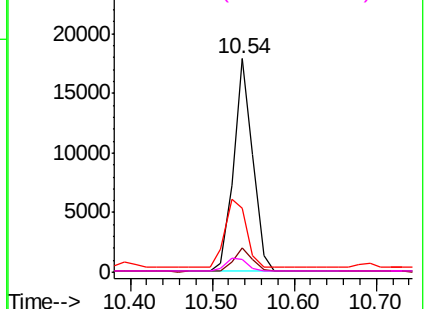


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.536 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

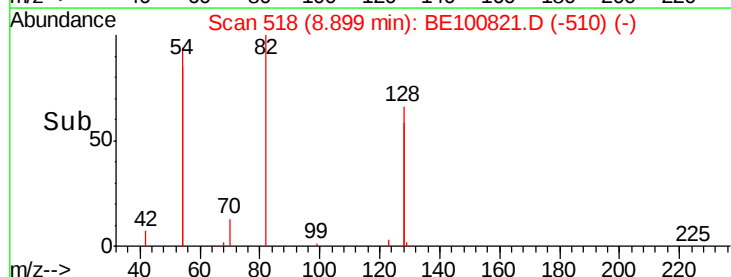
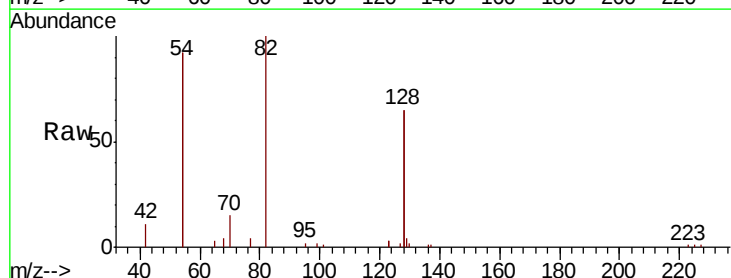
Tgt Ion: 82 Resp: 7436

Ion Ratio Lower Upper

82 100

128 129.1 97.0 145.4

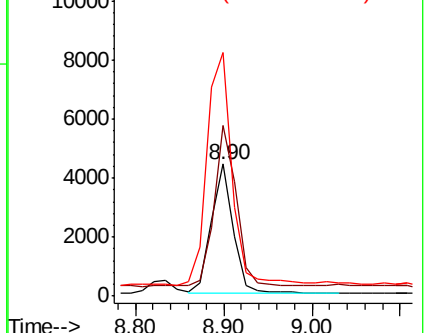
54 184.3 171.8 257.6



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: 0.383 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

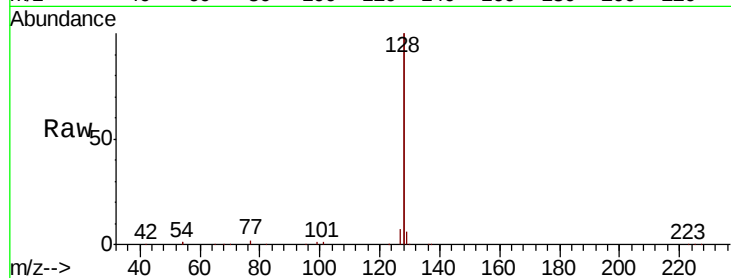
Tot Ion:128 Resp: 118563

Ion Ratio Lower Upper

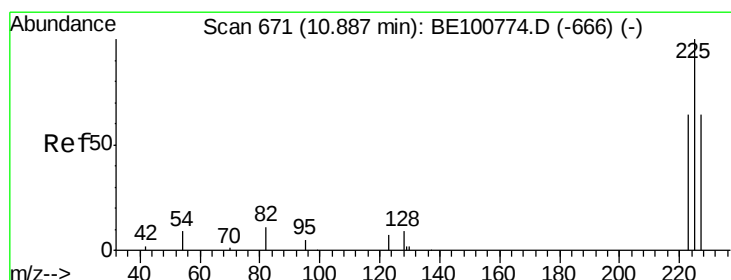
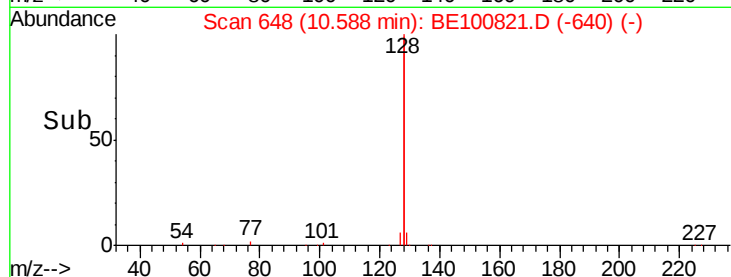
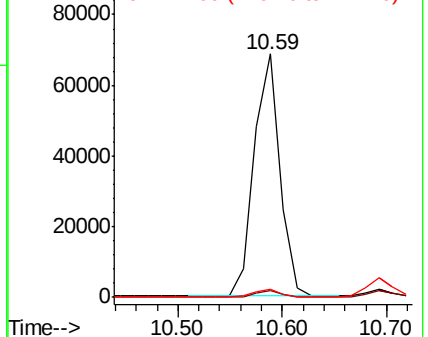
128 100

129 2.9 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: 0.372 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

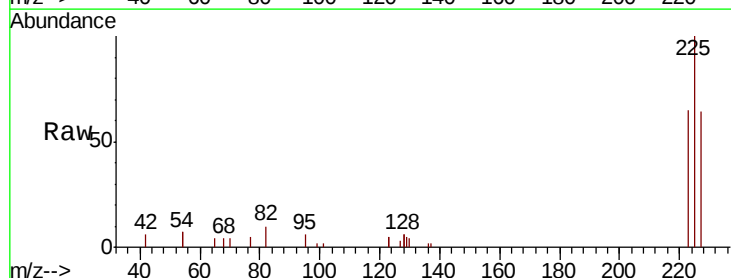
Tgt Ion:225 Resp: 4492

Ion Ratio Lower Upper

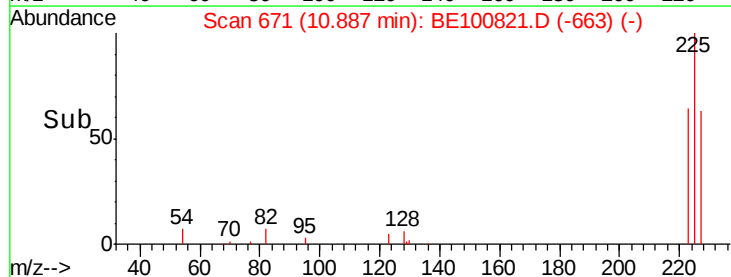
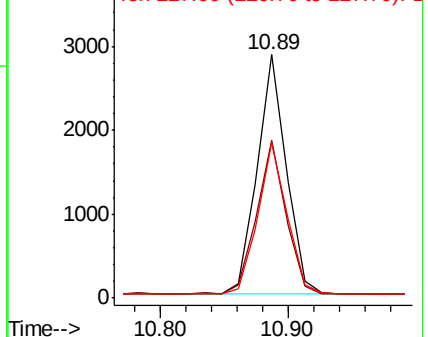
225 100

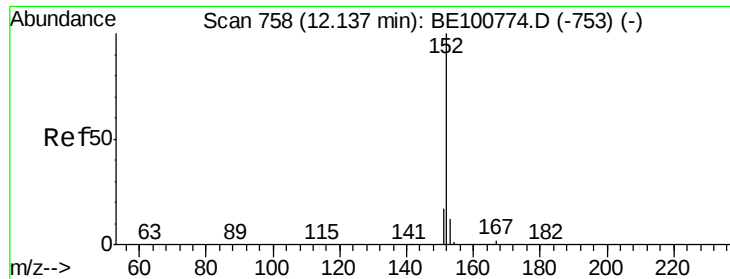
223 63.3 49.9 74.9

227 63.3 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

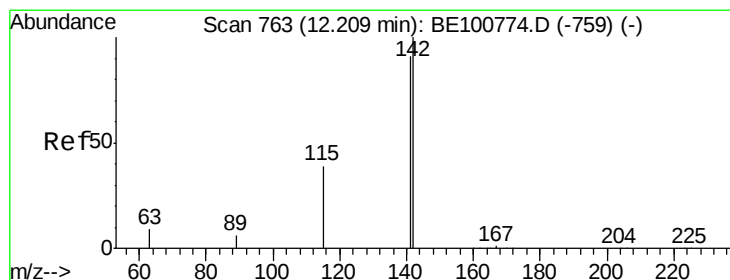
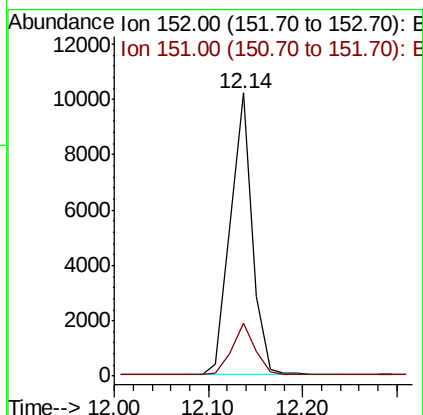
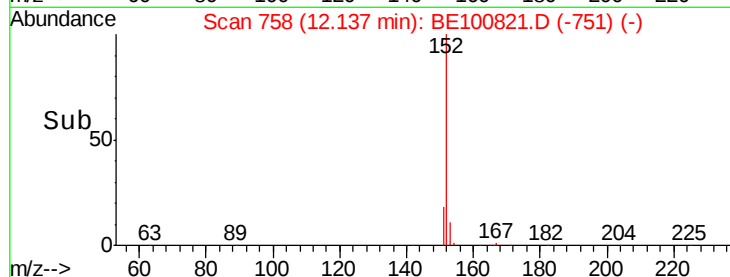
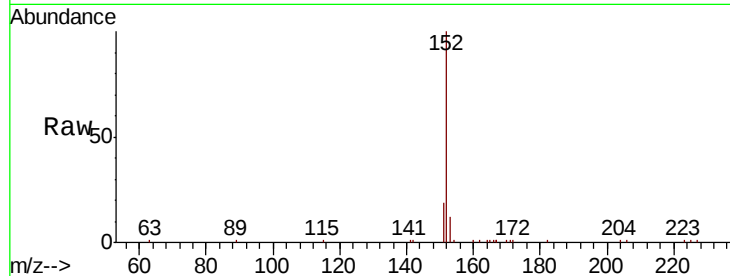




#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100821.D
Acq: 10 Dec 2019 21:26

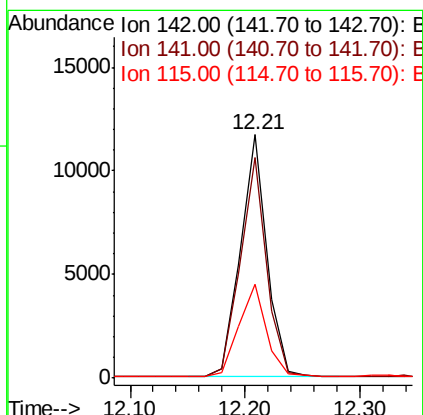
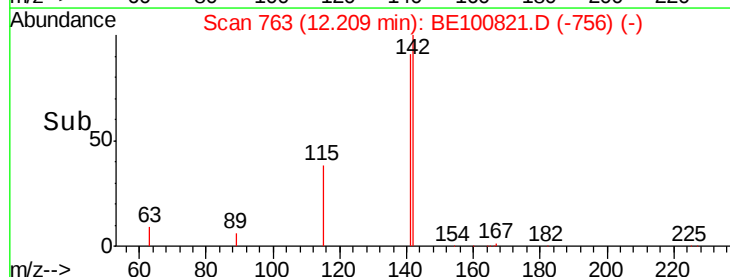
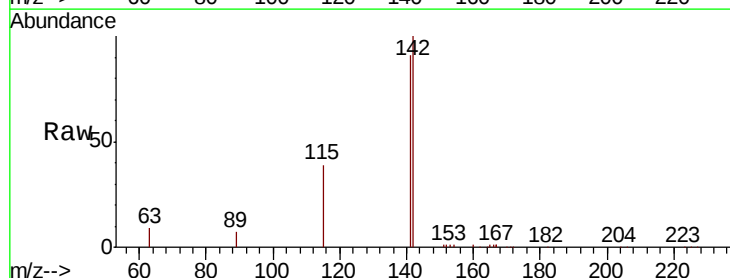
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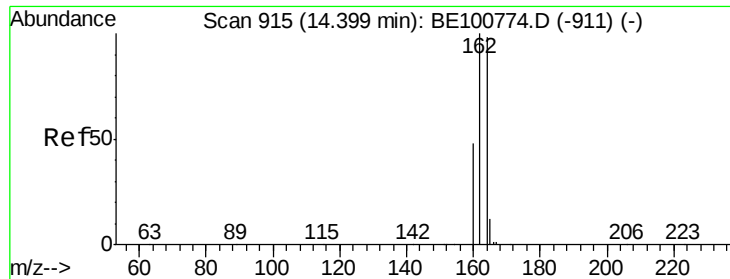
Tot Ion:152 Resp: 16431
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100821.D
Acq: 10 Dec 2019 21:26

Tgt Ion:142 Resp: 18587
Ion Ratio Lower Upper
142 100
141 90.7 72.6 108.8
115 38.5 31.8 47.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

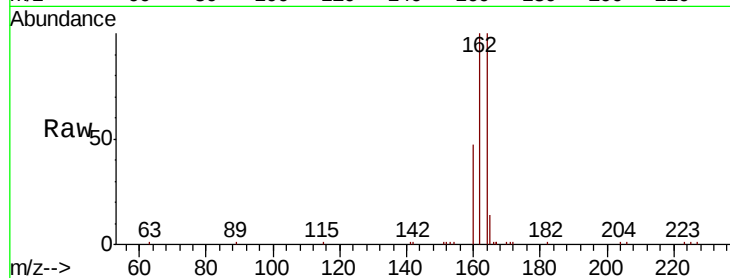
Tot Ion:164 Resp: 16688

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

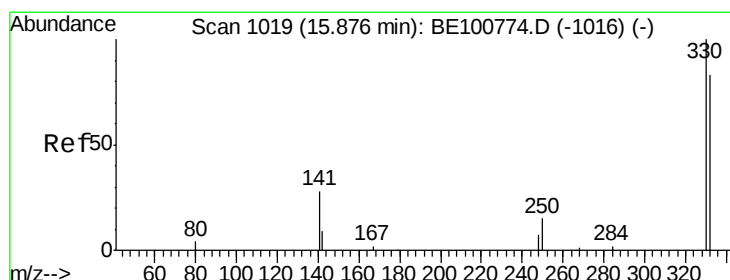
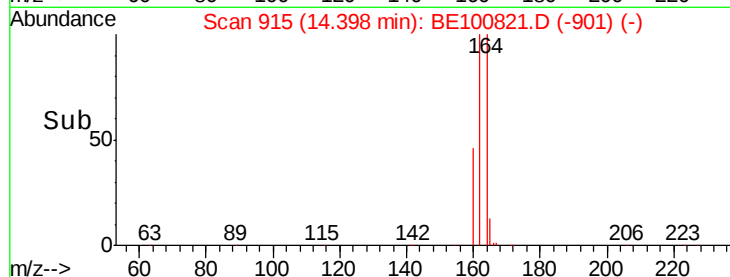
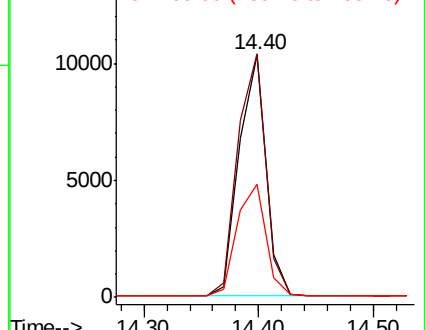
160 46.8 39.4 59.0



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: 0.632 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

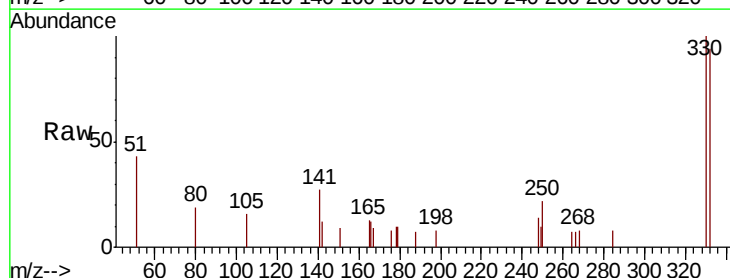
Tgt Ion:330 Resp: 1173

Ion Ratio Lower Upper

330 100

332 93.7 69.4 104.2

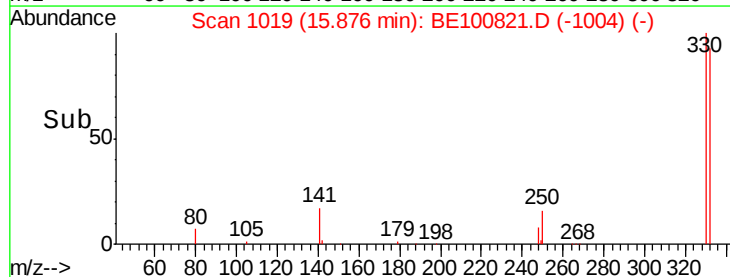
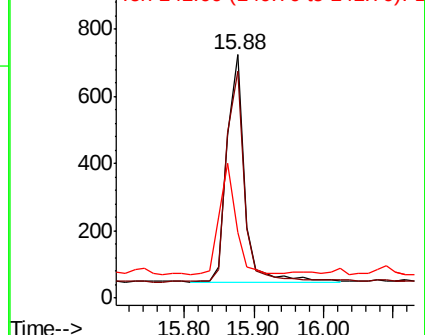
141 46.5 51.1 76.7#



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

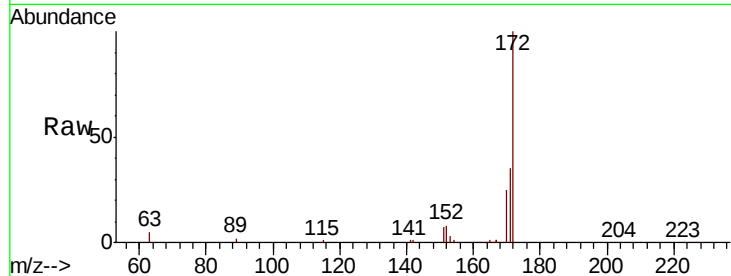




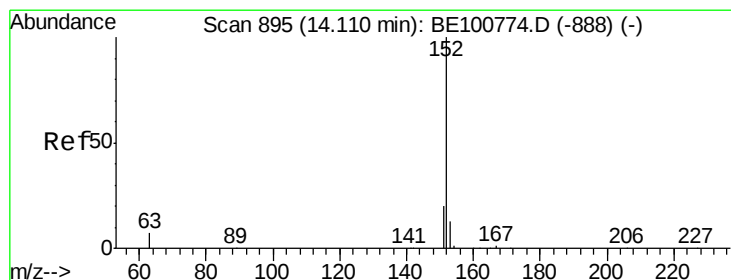
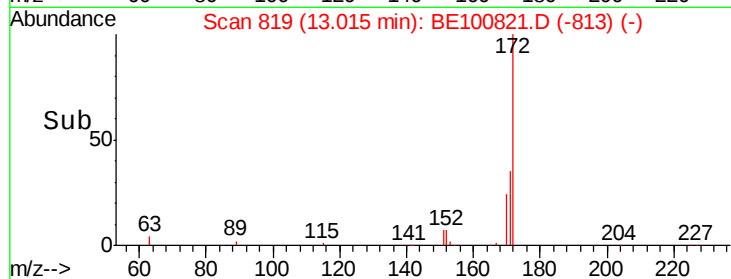
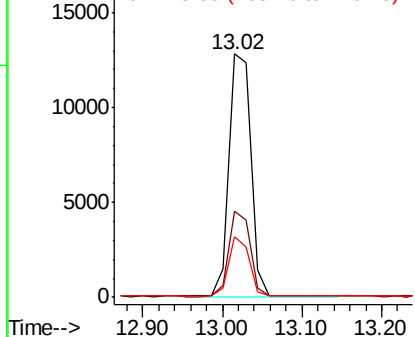
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100821.D
Acq: 10 Dec 2019 21:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 24267
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 24.8 18.0 27.0

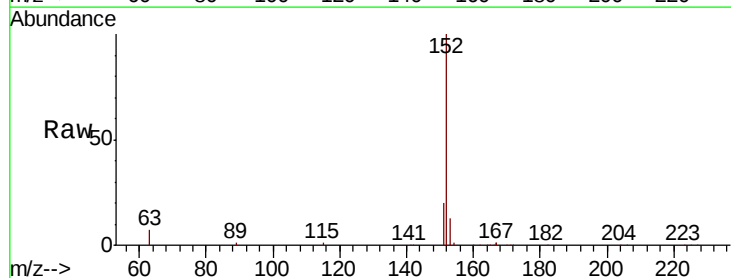


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

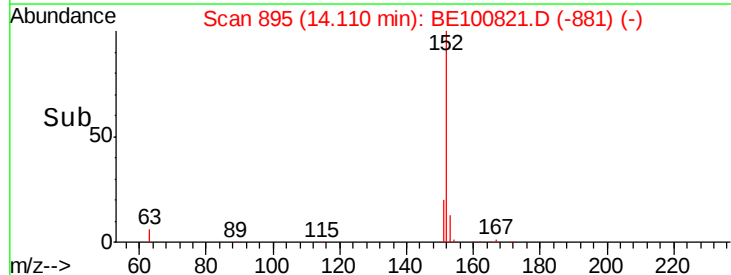
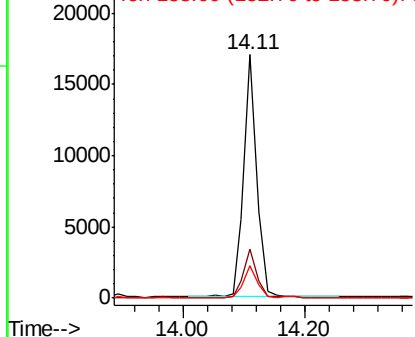


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100821.D
Acq: 10 Dec 2019 21:26

Tgt Ion:152 Resp: 25545
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.3 10.4 15.6



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





#17

Acenaphthene

Concen: 0.374 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

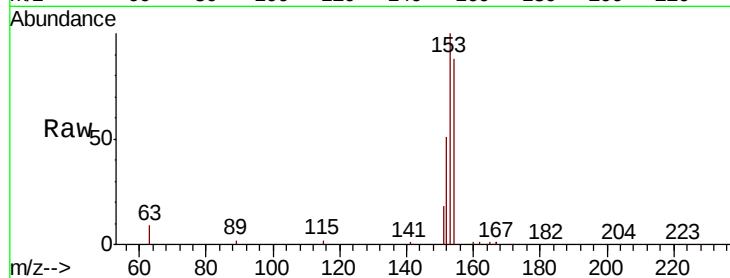
Tot Ion:154 Resp: 17794

Ion Ratio Lower Upper

154 100

153 114.9 92.2 138.2

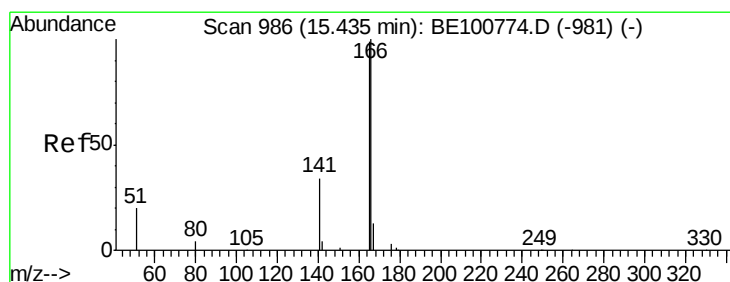
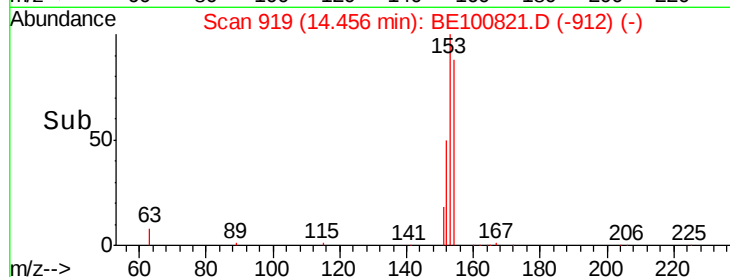
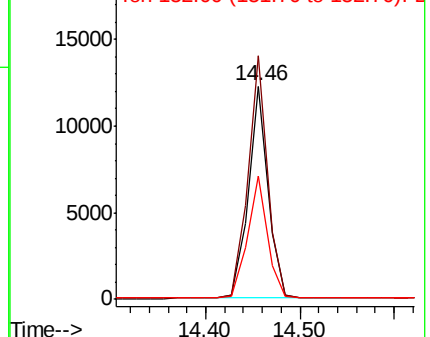
152 58.9 49.1 73.7



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: 0.361 ng

RT: 15.42 min Scan# 985

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

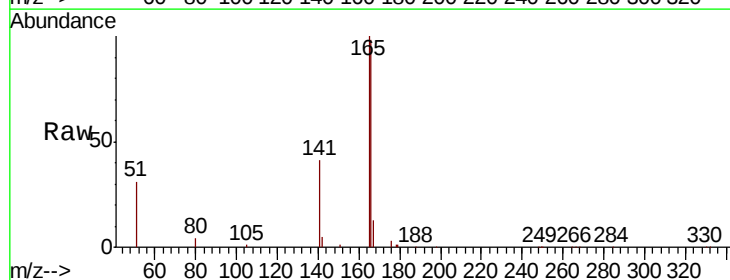
Tgt Ion:166 Resp: 22158

Ion Ratio Lower Upper

166 100

165 99.8 80.5 120.7

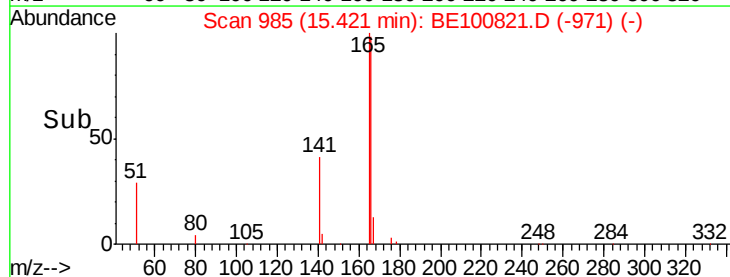
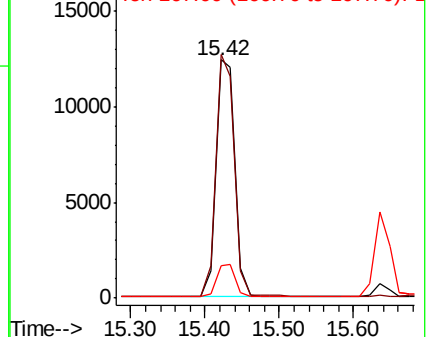
167 13.7 10.7 16.1



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: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

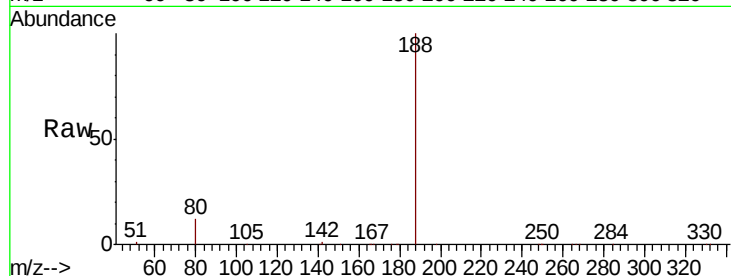
Tot Ion:188 Resp: 34918

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

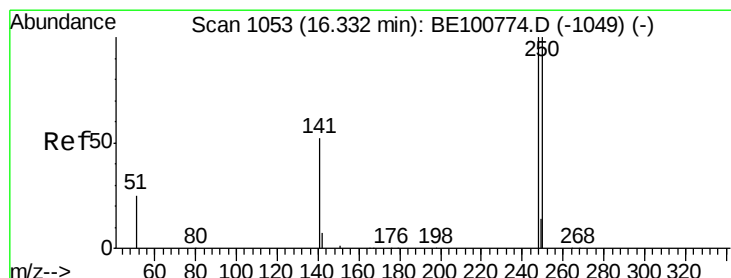
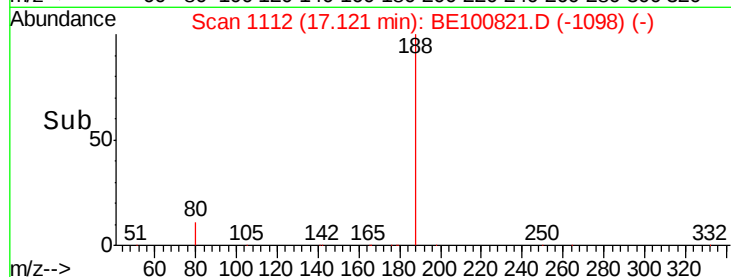
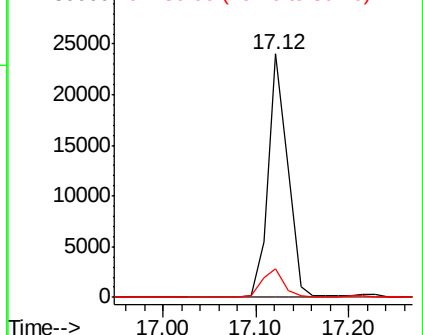
80 11.8 5.2 7.8#



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: 0.372 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

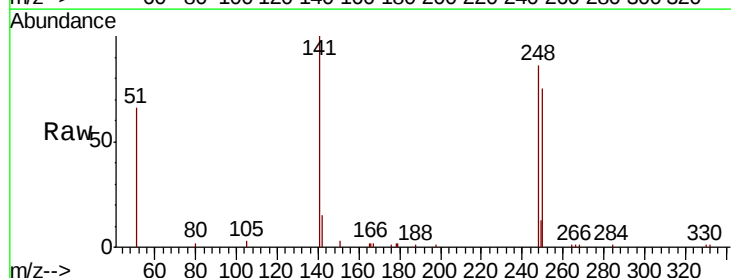
Tgt Ion:248 Resp: 6373

Ion Ratio Lower Upper

248 100

250 86.9 80.5 120.7

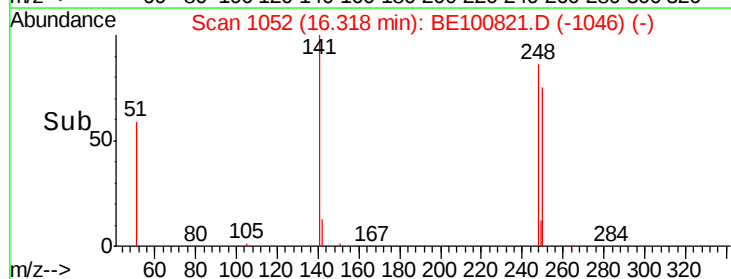
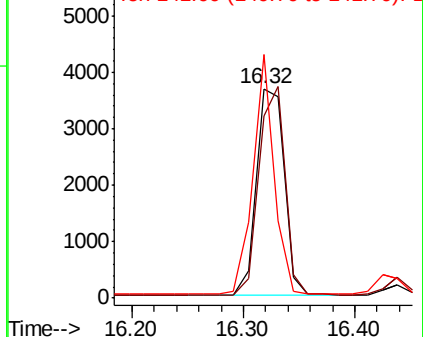
141 116.2 42.6 64.0#



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

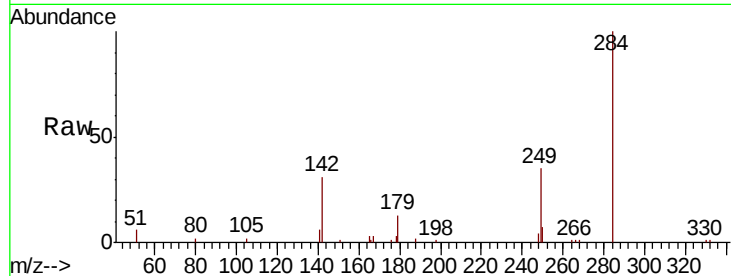




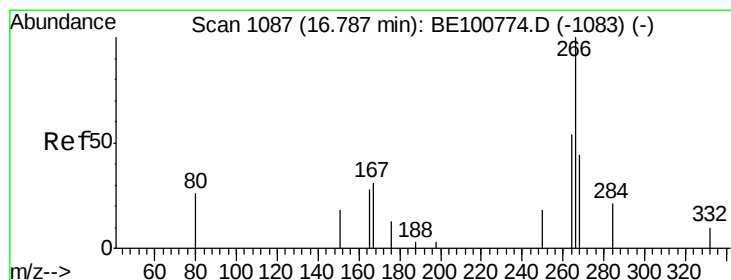
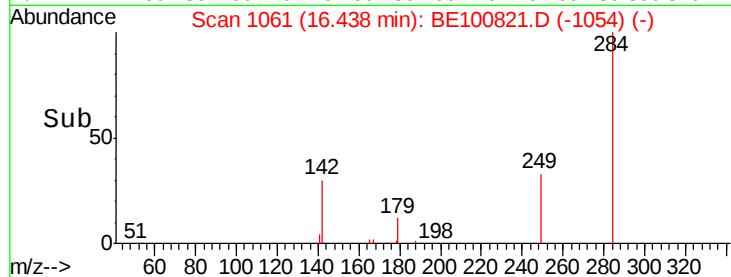
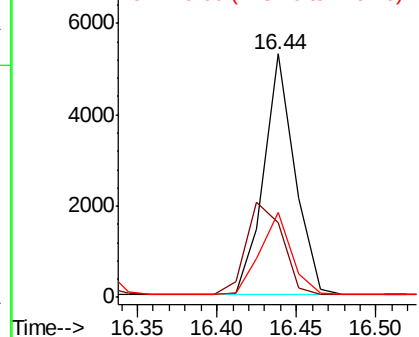
#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100821.D
Acq: 10 Dec 2019 21:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 7219
Ion Ratio Lower Upper
284 100
142 45.0 34.4 51.6
249 34.6 28.5 42.7

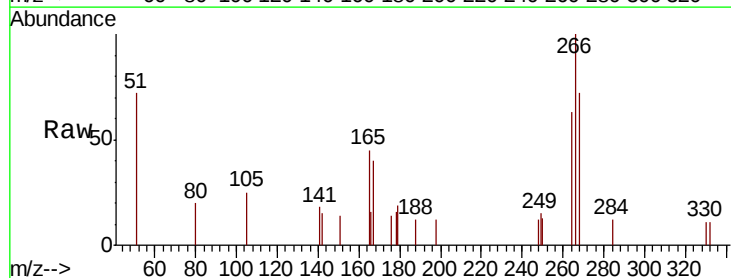


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

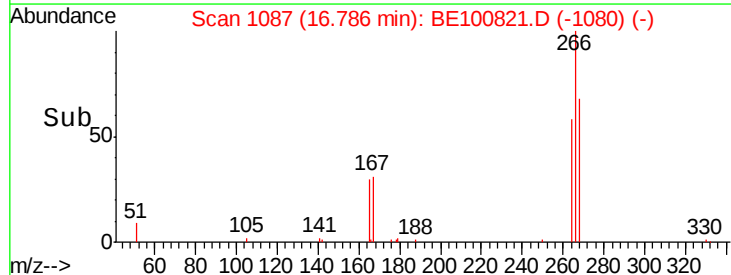
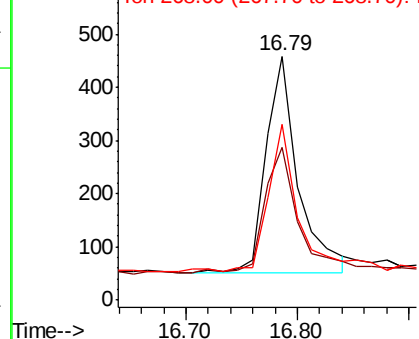


#22
Pentachlorophenol
Concen: 0.633 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100821.D
Acq: 10 Dec 2019 21:26

Tgt Ion:266 Resp: 815
Ion Ratio Lower Upper
266 100
264 62.7 63.4 95.0#
268 72.3 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: 0.373 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

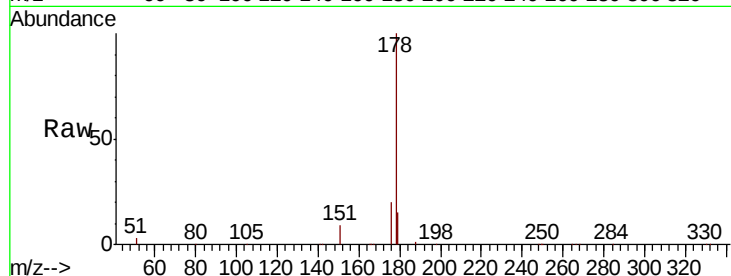
Tot Ion:178 Resp: 39465

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

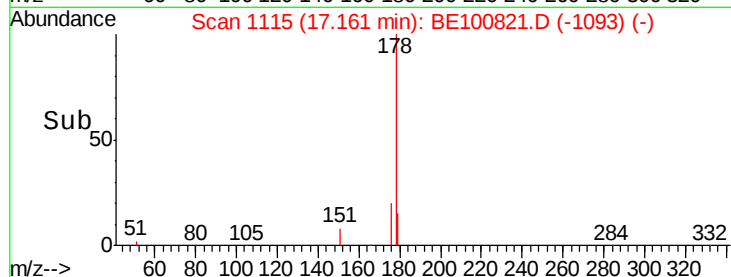
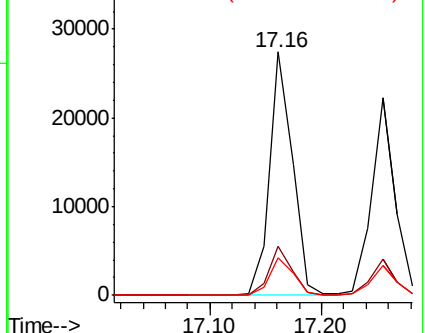
179 15.5 12.3 18.5



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: 0.364 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

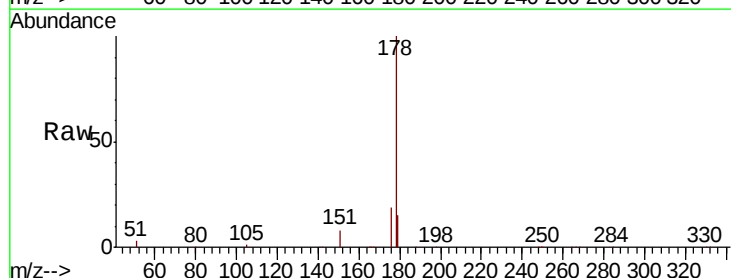
Tgt Ion:178 Resp: 32232

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

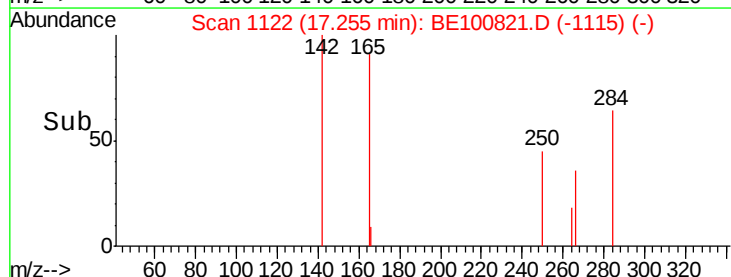
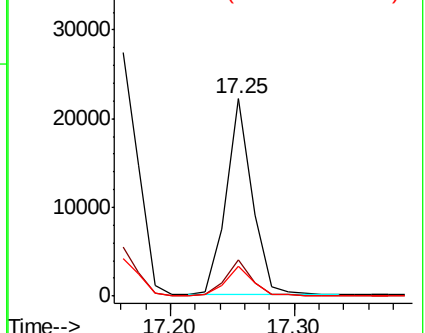
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.325 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

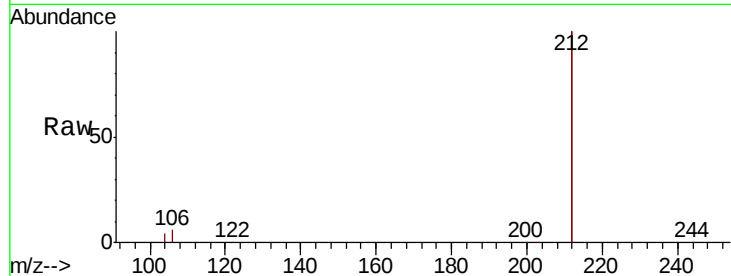
Tot Ion:212 Resp: 134221

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

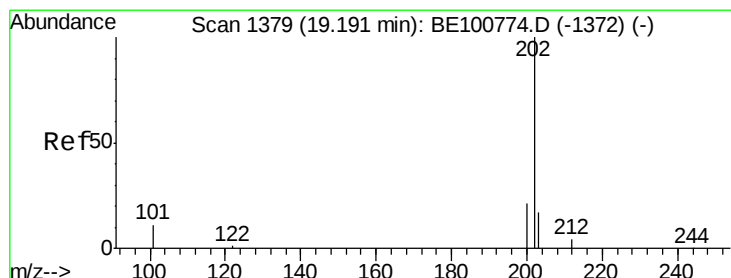
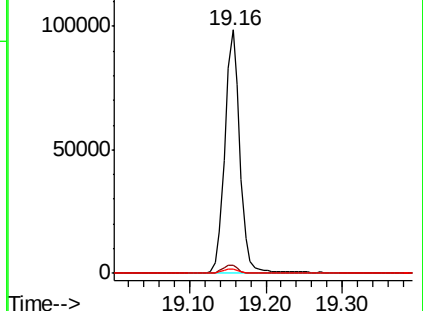
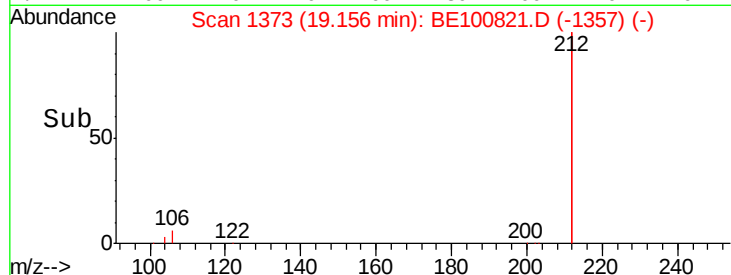
104 1.8 1.4 2.2



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: 0.326 ng

RT: 19.19 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

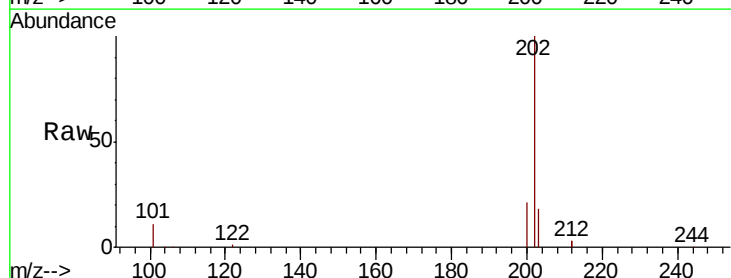
Tgt Ion:202 Resp: 41116

Ion Ratio Lower Upper

202 100

101 11.4 9.1 13.7

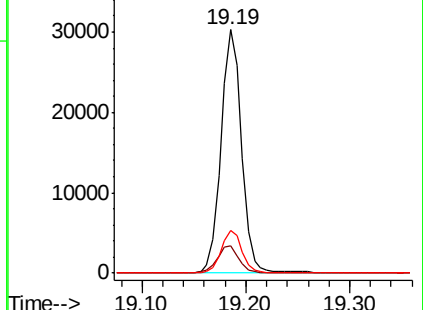
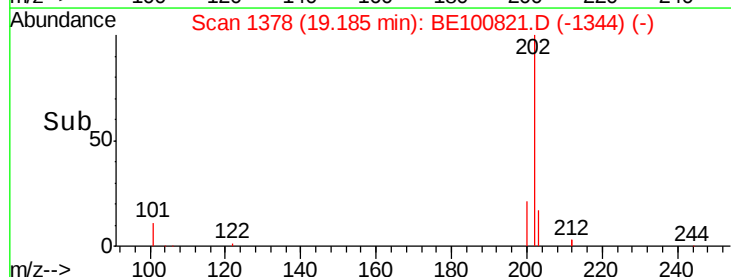
203 17.2 13.8 20.6



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

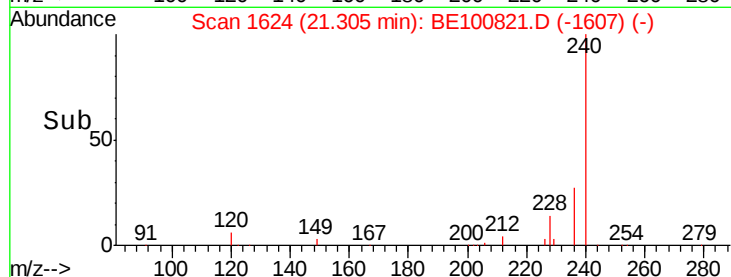
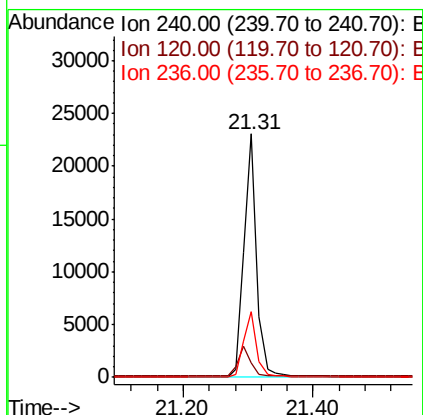
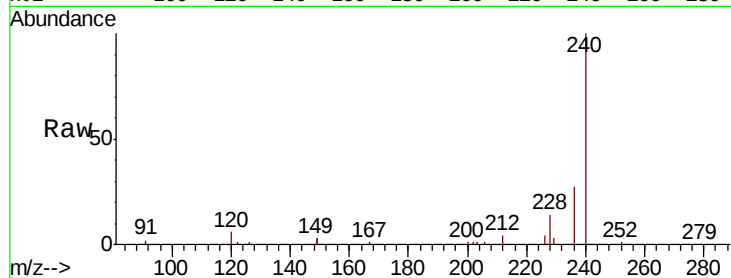




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100821.D
Acq: 10 Dec 2019 21:26

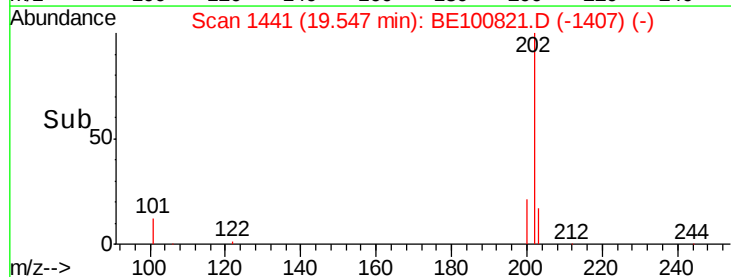
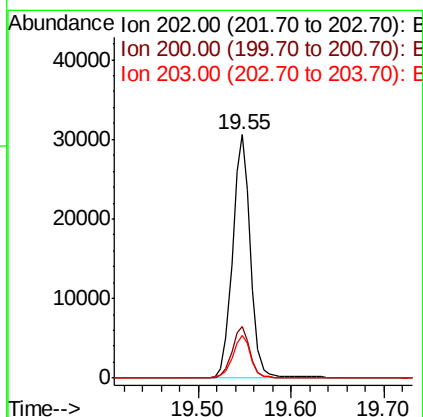
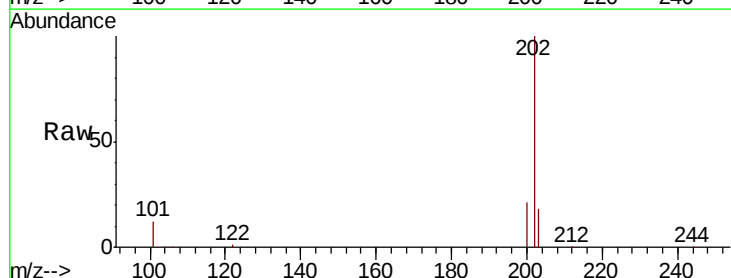
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

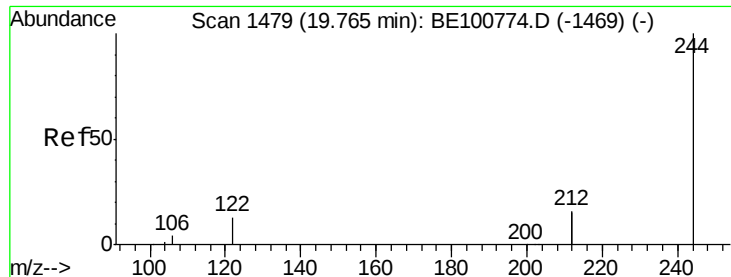
Tot Ion:240 Resp: 31151
Ion Ratio Lower Upper
240 100
120 6.2 10.2 15.2#
236 27.2 22.3 33.5



#28
Pyrene
Concen: 0.402 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100821.D
Acq: 10 Dec 2019 21:26

Tgt Ion:202 Resp: 40654
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

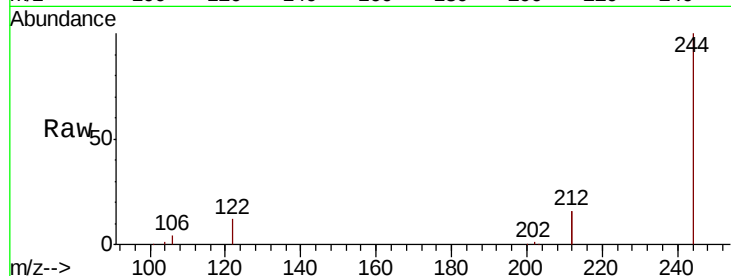
Tot Ion:244 Resp: 28439

Ion Ratio Lower Upper

244 100

212 32.2 26.2 39.4

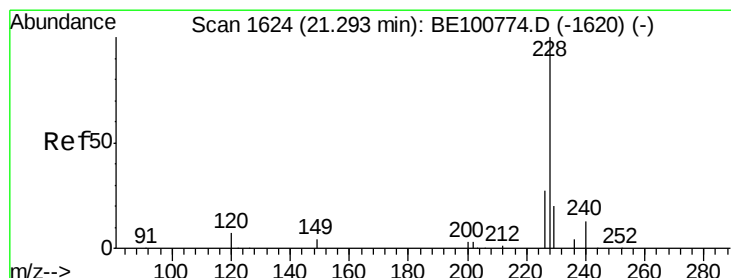
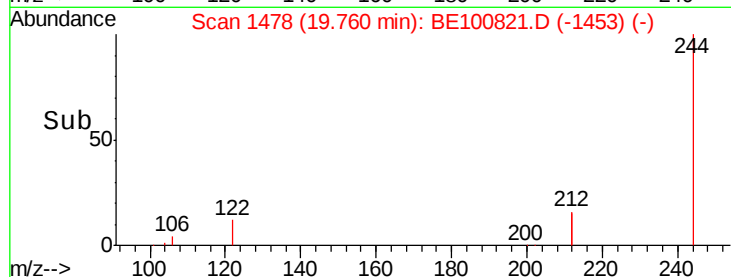
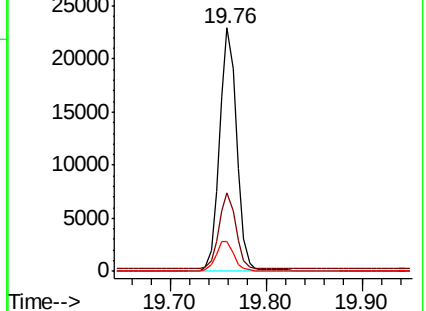
122 12.2 10.2 15.4



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: 0.406 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

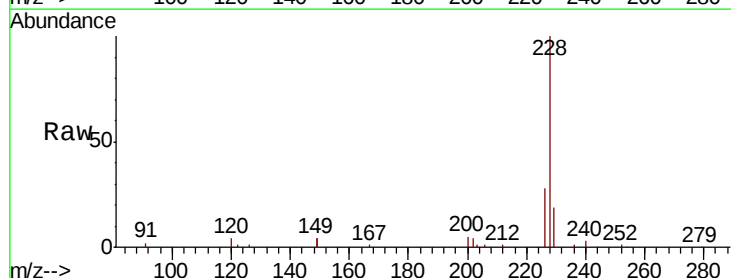
Tgt Ion:228 Resp: 37308

Ion Ratio Lower Upper

228 100

226 28.1 21.5 32.3

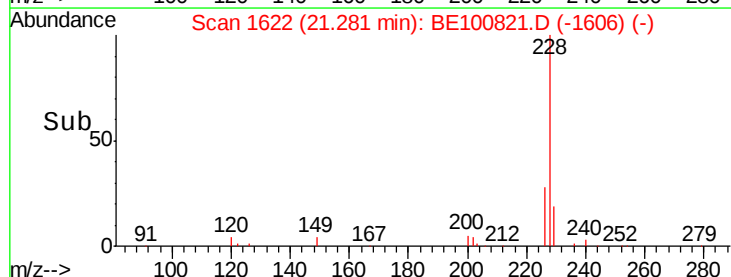
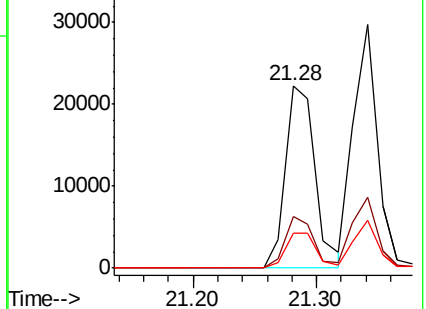
229 19.1 16.0 24.0



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: 0.373 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

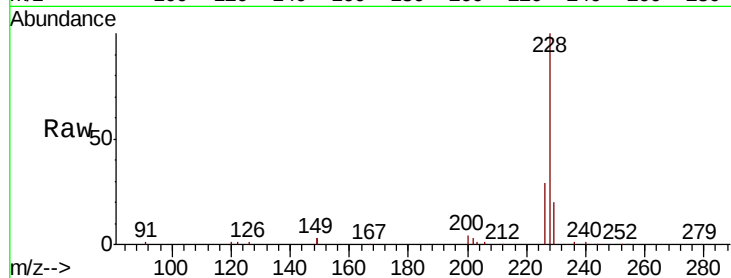
Tot Ion:228 Resp: 40239

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.4

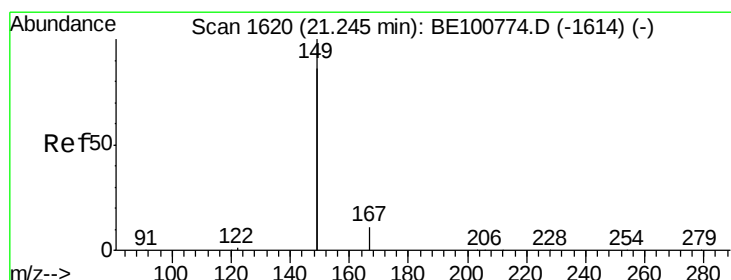
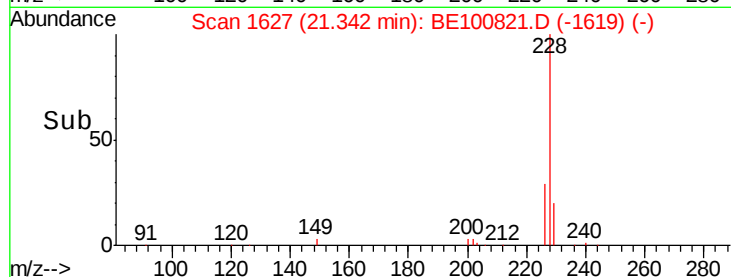
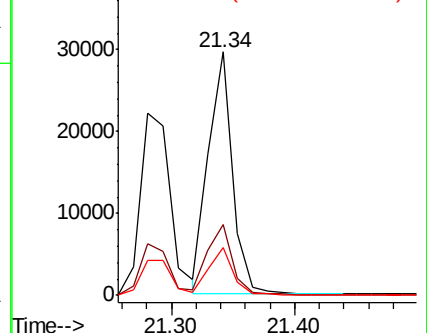
229 19.8 15.4 23.2



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: 0.655 ng

RT: 21.24 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

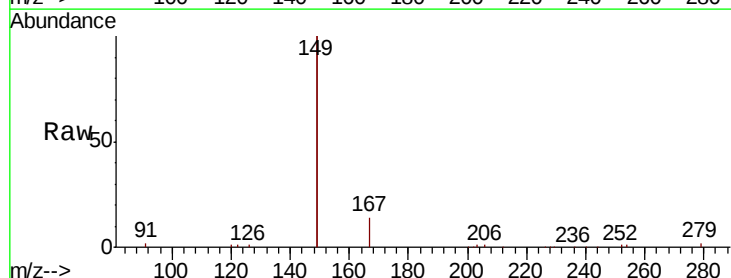
Tgt Ion:149 Resp: 42957

Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.6

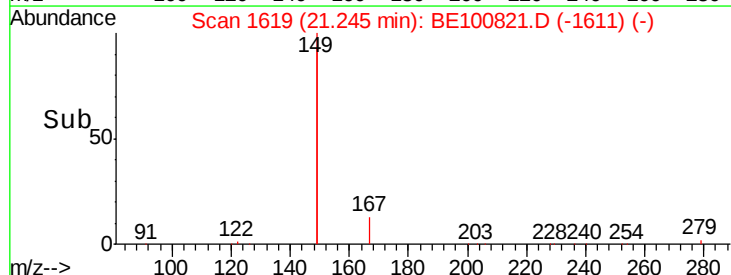
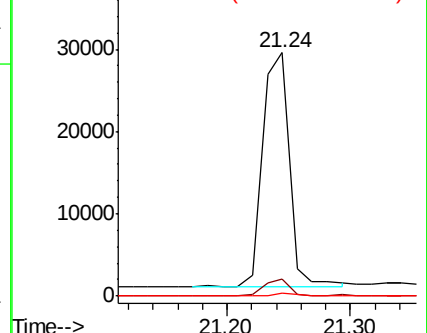
279 0.9 0.7 1.1



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: 0.439 ng

RT: 26.32 min Scan# 2882

Delta R.T. -0.02 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

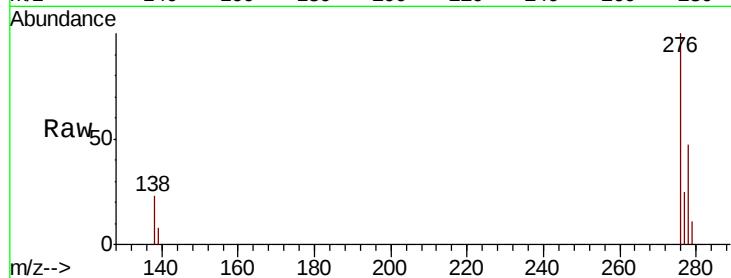
Tot Ion:276 Resp: 41237

Ion Ratio Lower Upper

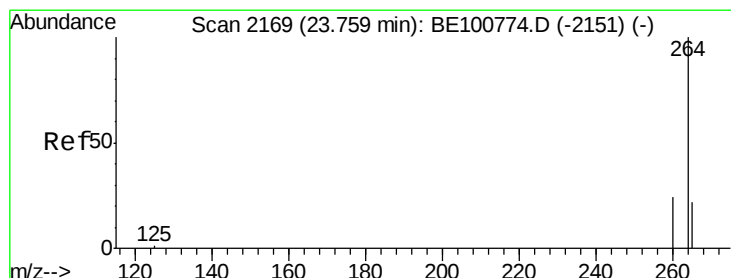
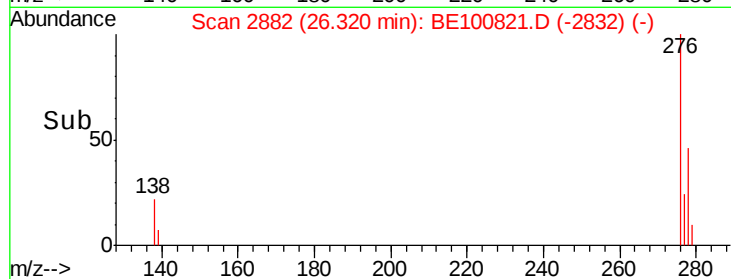
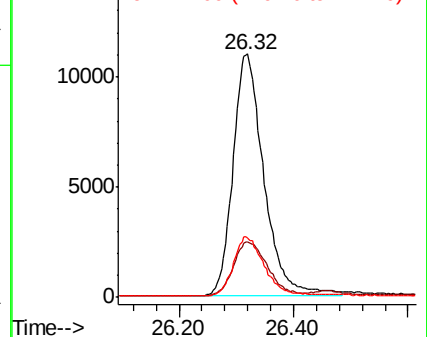
276 100

138 24.2 19.4 29.0

277 24.4 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: 23.74 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

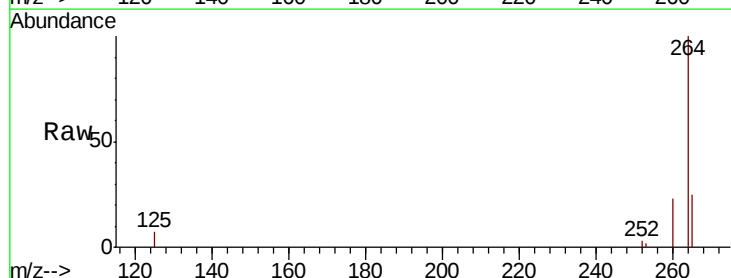
Tgt Ion:264 Resp: 38424

Ion Ratio Lower Upper

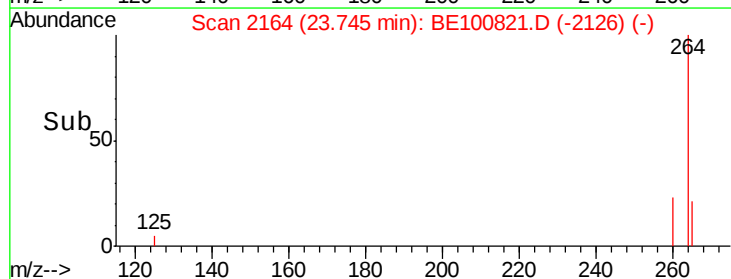
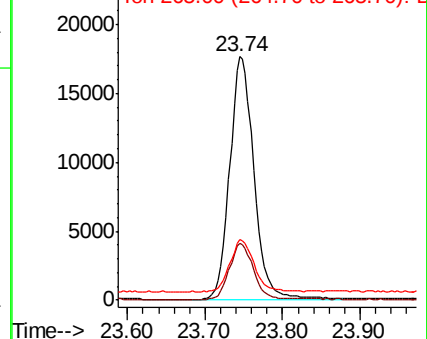
264 100

260 23.5 19.4 29.2

265 24.8 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: 0.346 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

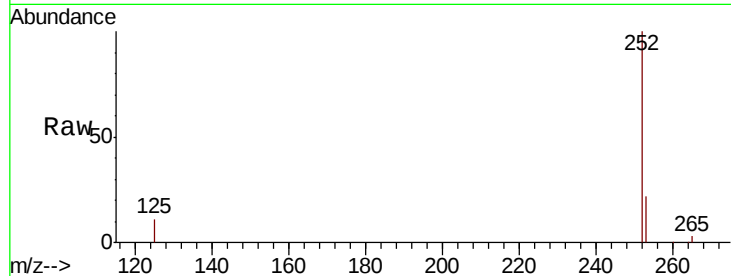
Tot Ion:252 Resp: 36395

Ion Ratio Lower Upper

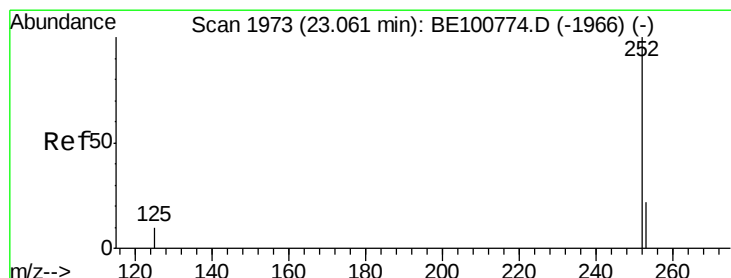
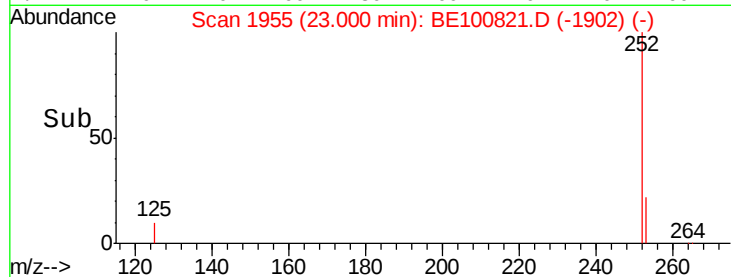
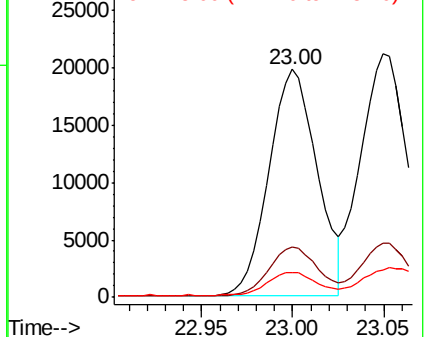
252 100

253 22.3 17.8 26.8

125 11.1 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: 0.348 ng

RT: 23.05 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

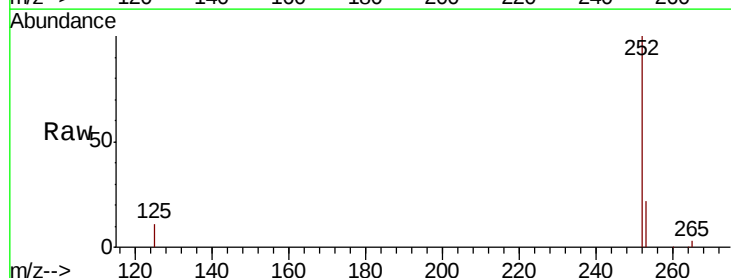
Tgt Ion:252 Resp: 41066

Ion Ratio Lower Upper

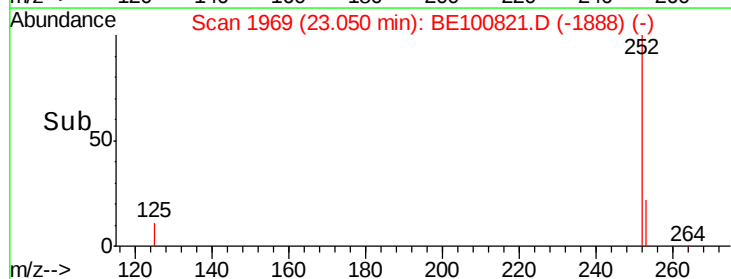
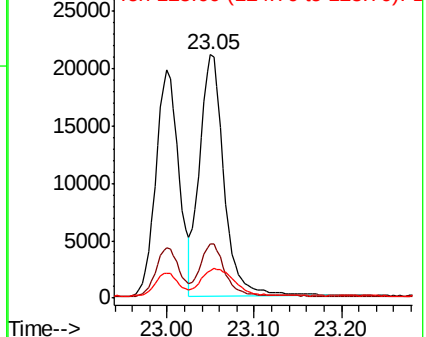
252 100

253 22.3 17.8 26.8

125 11.3 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: 0.354 ng

RT: 23.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

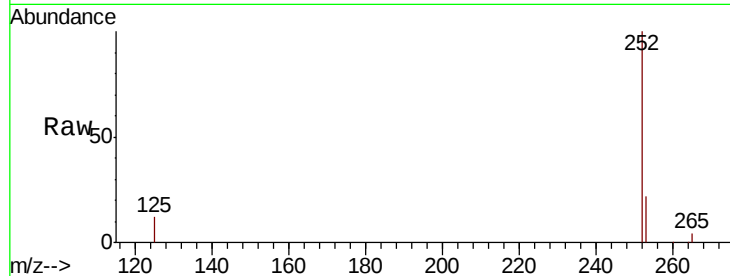
Tot Ion:252 Resp: 32269

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 11.9 10.4 15.6

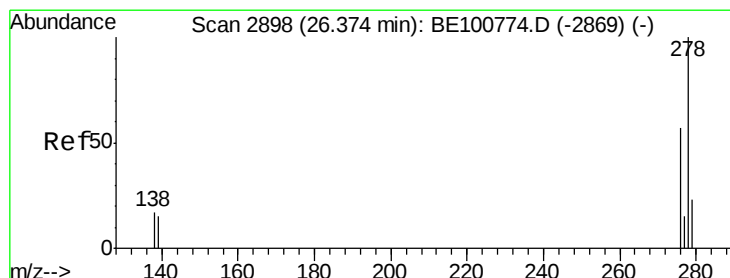
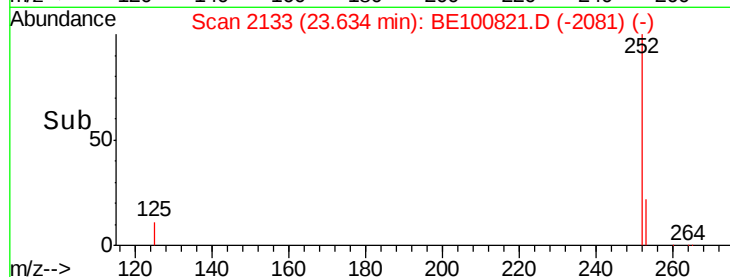
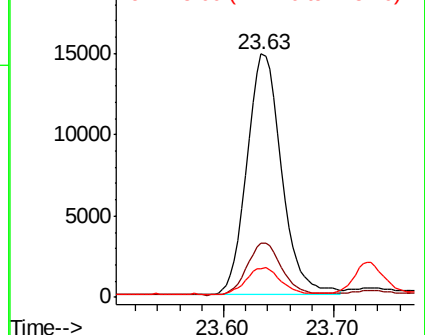


Abundance

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: 0.362 ng

RT: 26.35 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

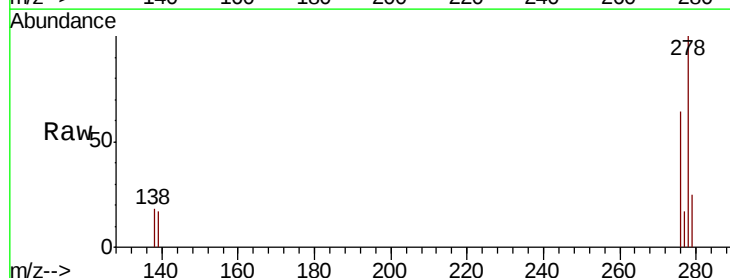
Tgt Ion:278 Resp: 32791

Ion Ratio Lower Upper

278 100

139 16.5 13.0 19.4

279 24.7 19.6 29.4

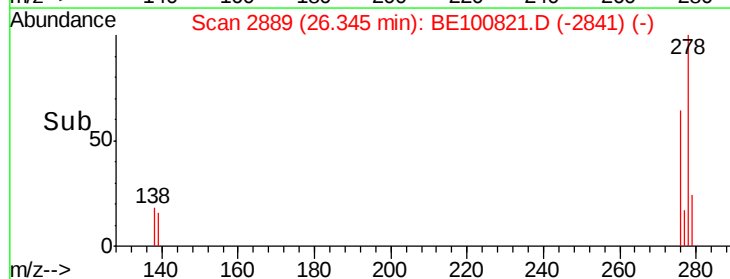
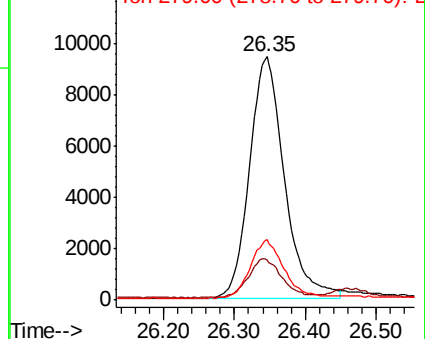


Abundance

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: 0.367 ng

RT: 27.10 min Scan# 3100

Delta R.T. -0.03 min

Lab File: BE100821.D

Acq: 10 Dec 2019 21:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

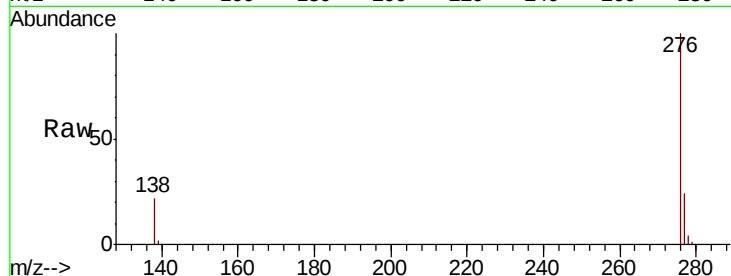
Tot Ion: 276 Resp: 35517

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 22.1 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

