

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
 Data File : BE100771.D
 Acq On : 4 Dec 2019 11:58
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 04 15:52:43 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	5028	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	23505	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	25516	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	69547	0.40	ng	0.00
27) Chrysene-d12	21.31	240	81918	0.40	ng	0.00
34) Perylene-d12	23.76	264	95853	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	4968	0.36	ng	0.00
5) Phenol-d6	6.93	99	7595	0.38	ng	0.00
8) Nitrobenzene-d5	8.90	82	4106	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	18190	0.53	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1657	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	36799	0.37	ng	0.00
25) Fluoranthene-d10	19.16	212	361801	0.42	ng	0.00
29) Terphenyl-d14	19.77	244	85045	0.45	ng	0.00

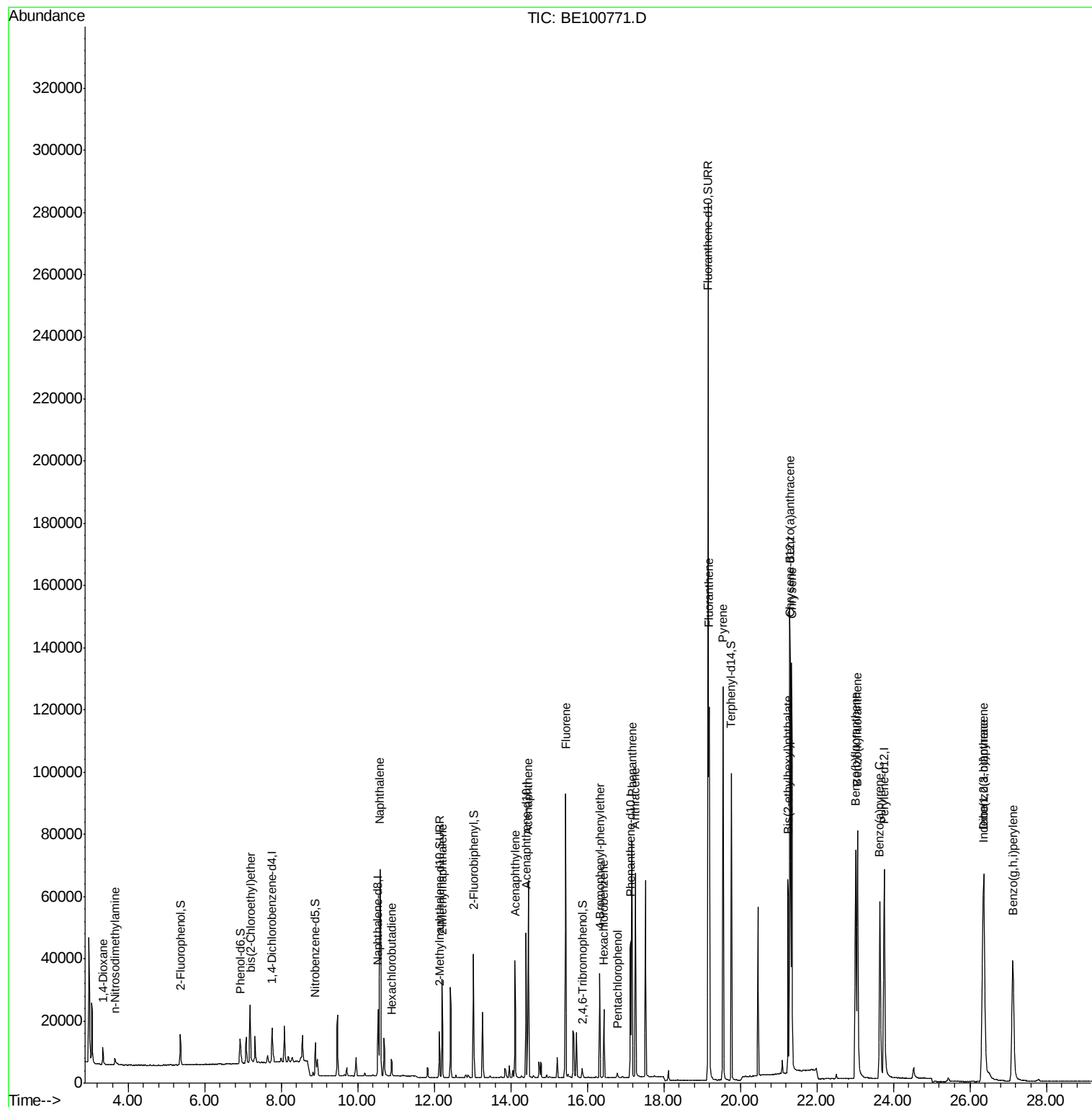
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3954	0.419	ng	99
3) n-Nitrosodimethylamine	3.65	42	3017	0.434	ng	# 95
6) bis(2-Chloroethyl)ether	7.20	93	7362	0.447	ng	94
9) Naphthalene	10.59	128	103102	0.413	ng	100
10) Hexachlorobutadiene	10.89	225	3806	0.397	ng	97
12) 2-Methylnaphthalene	12.21	142	20862	0.529	ng	99
16) Acenaphthylene	14.11	152	42555	0.387	ng	100
17) Acenaphthene	14.46	154	31968	0.434	ng	98
18) Fluorene	15.43	166	46237	0.491	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	14582	0.426	ng	97
21) Hexachlorobenzene	16.44	284	15685	0.439	ng	98
22) Pentachlorophenol	16.79	266	797	0.123	ng	92
23) Phenanthrene	17.17	178	94065	0.449	ng	100
24) Anthracene	17.26	178	74980	0.415	ng	99
26) Fluoranthene	19.19	202	115031	0.449	ng	100
28) Pyrene	19.55	202	112544	0.444	ng	100
30) Benzo(a)anthracene	21.29	228	109328	0.396	ng	99
31) Chrysene	21.34	228	125854	0.448	ng	99
32) Bis(2-ethylhexyl)phthalate	21.25	149	87576	0.176	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.34	276	119832	0.407	ng	99
35) Benzo(b)fluoranthene	23.01	252	102740	0.342	ng	98
36) Benzo(k)fluoranthene	23.06	252	121388	0.387	ng	99
37) Benzo(a)pyrene	23.65	252	93287	0.352	ng	97
38) Dibenzo(a,h)anthracene	26.37	278	98576	0.353	ng	99
39) Benzo(g,h,i)perylene	27.13	276	102721	0.353	ng	99

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

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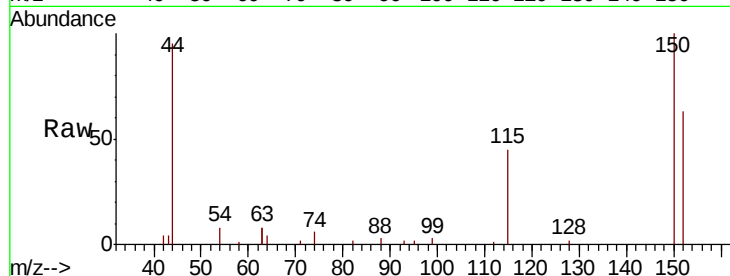


#1

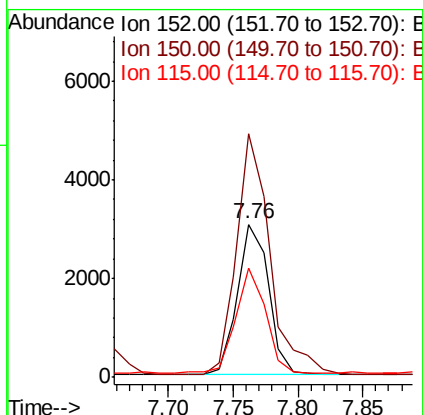
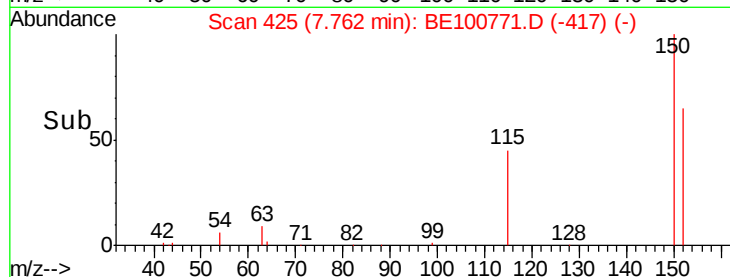
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 5028
Ion Ratio Lower Upper
152 100
150 159.1 120.6 181.0
115 71.5 47.4 71.2#



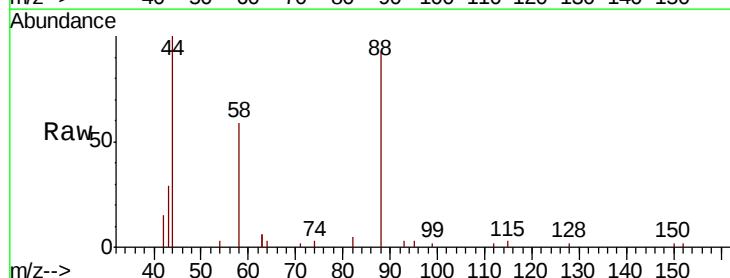
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



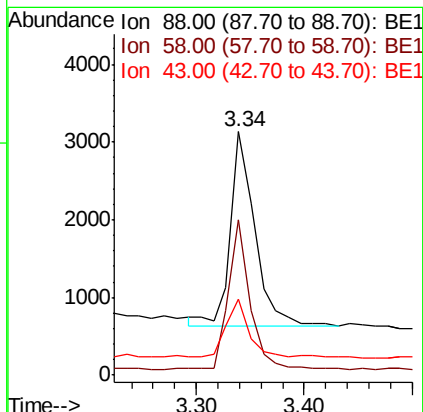
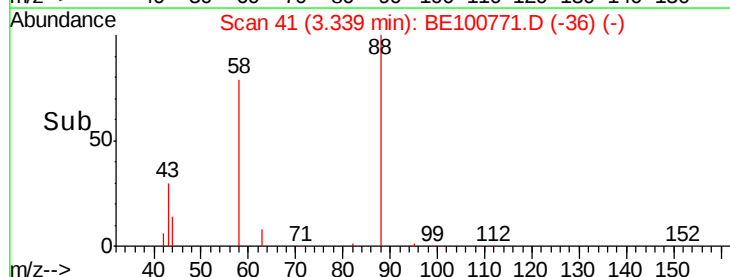
#2

1,4-Dioxane
Concen: 0.419 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion: 88 Resp: 3954
Ion Ratio Lower Upper
88 100
58 66.1 52.5 78.7
43 27.8 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: 0.434 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

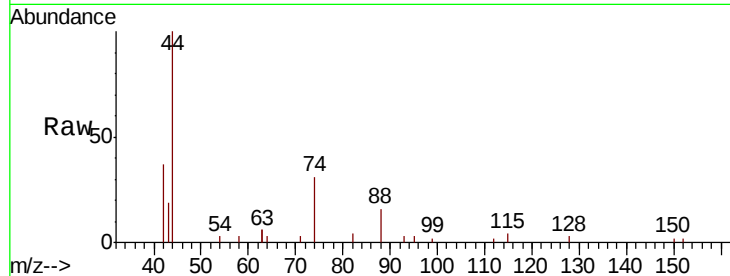
Tot Ion: 42 Resp: 3017

Ion Ratio Lower Upper

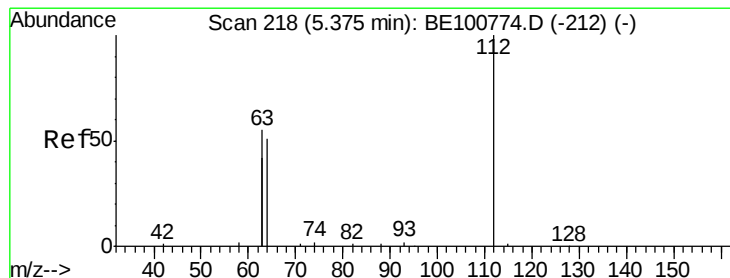
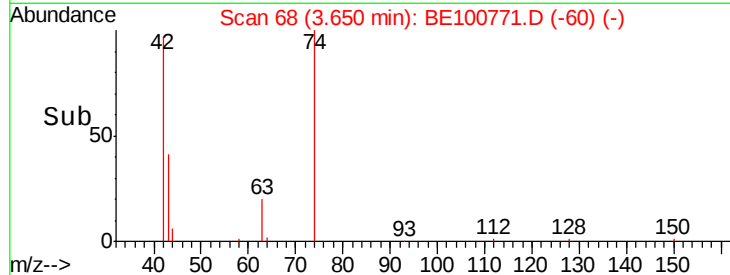
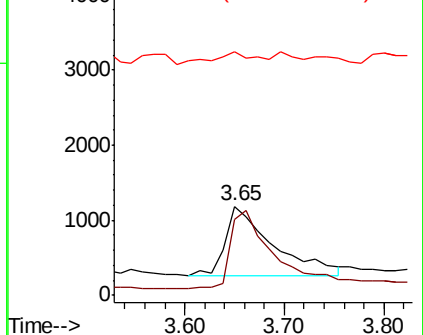
42 100

74 104.6 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: 0.365 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

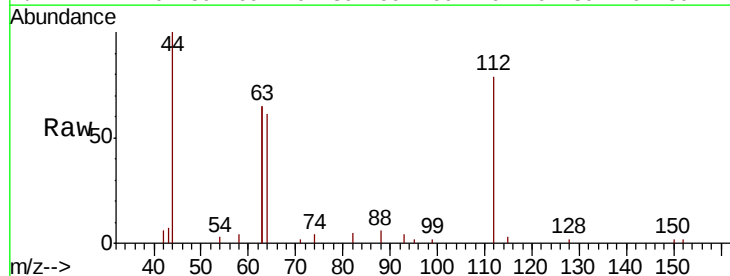
Tgt Ion: 112 Resp: 4968

Ion Ratio Lower Upper

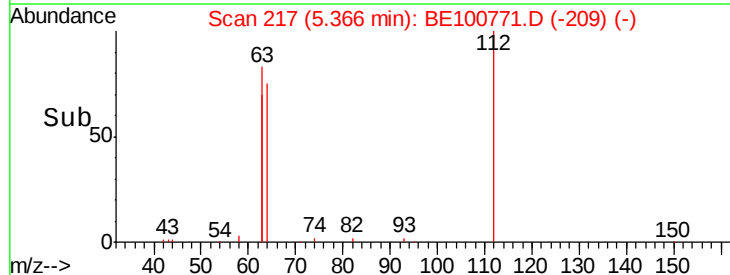
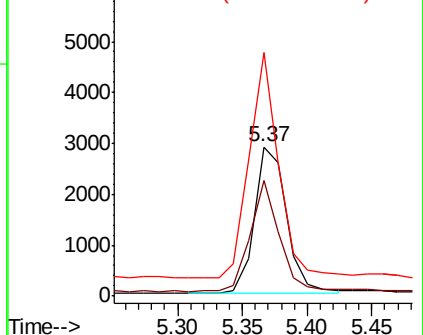
112 100

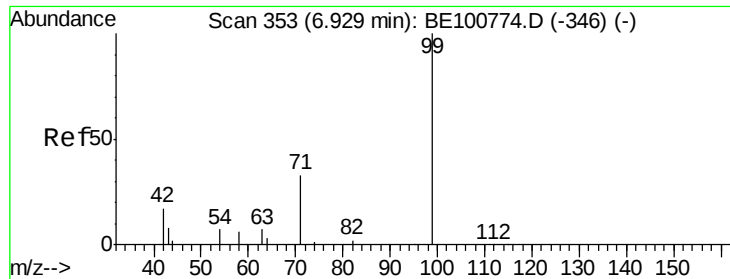
64 68.3 54.1 81.1

63 141.5 113.2 169.8



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: 0.385 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

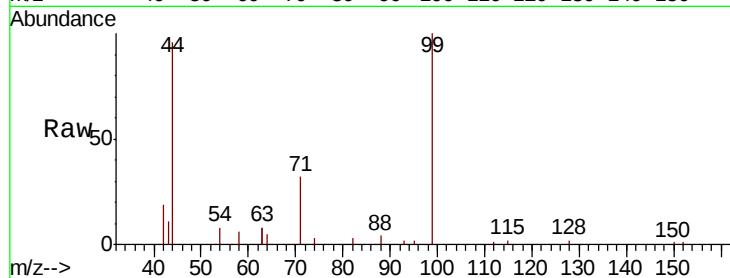
Tot Ion: 99 Resp: 7595

Ion Ratio Lower Upper

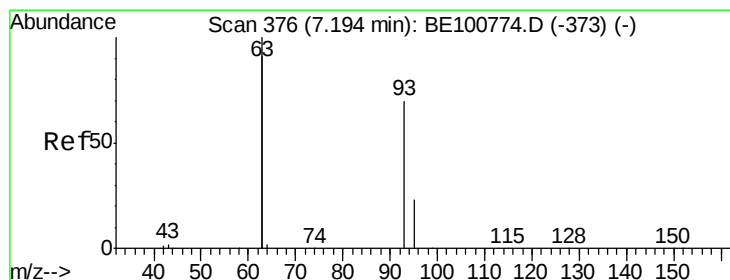
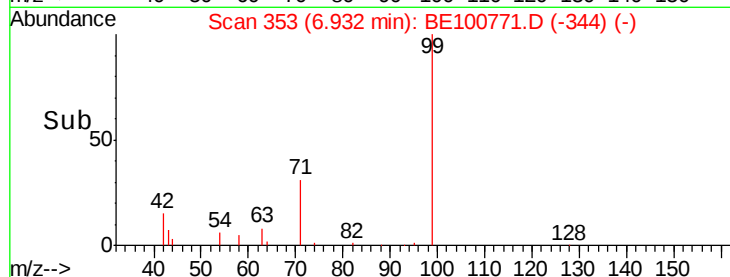
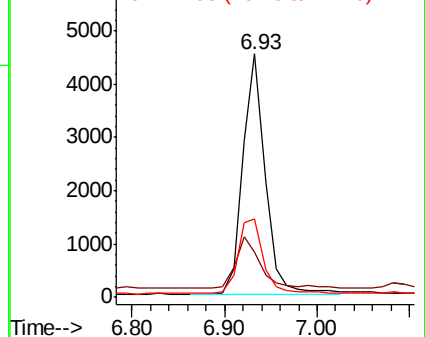
99 100

42 24.6 19.1 28.7

71 35.3 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: 0.447 ng

RT: 7.20 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

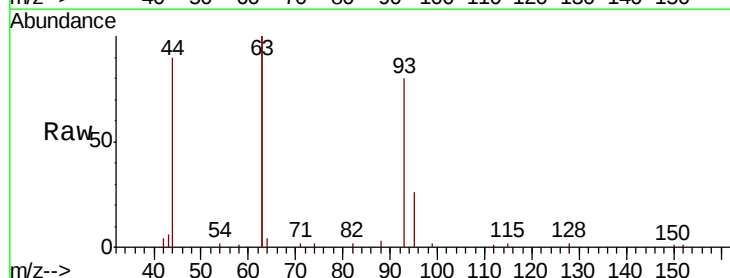
Tgt Ion: 93 Resp: 7362

Ion Ratio Lower Upper

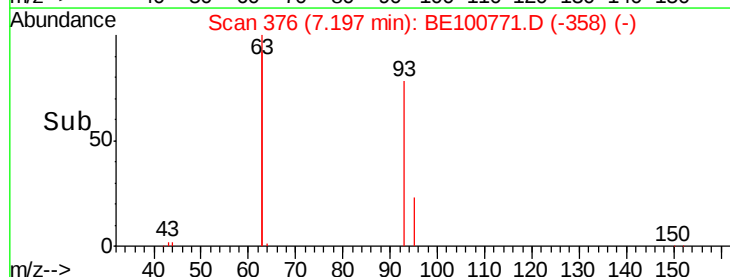
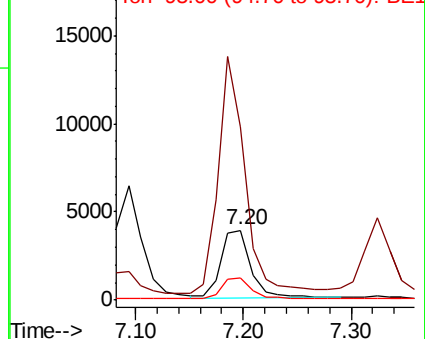
93 100

63 311.5 259.4 389.0

95 31.6 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: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 23505

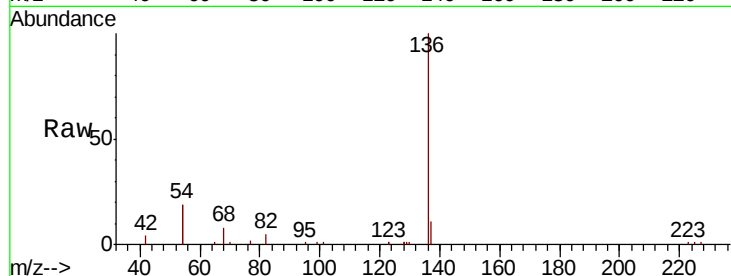
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 38.4 31.1 46.7

68 8.3 6.6 10.0

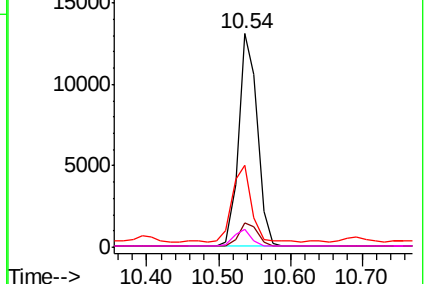
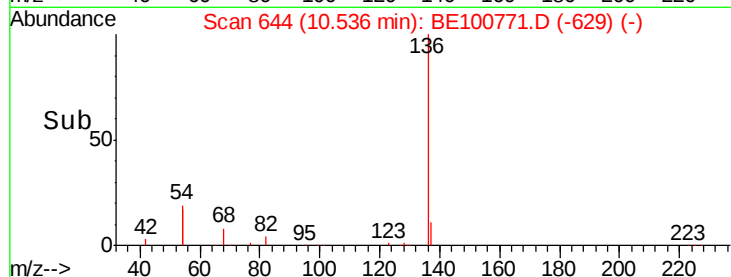


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.545 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

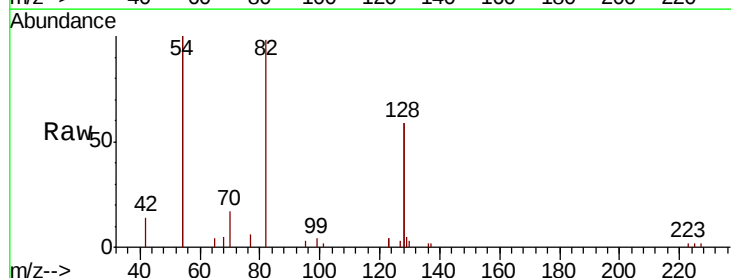
Tgt Ion: 82 Resp: 4106

Ion Ratio Lower Upper

82 100

128 120.5 97.0 145.4

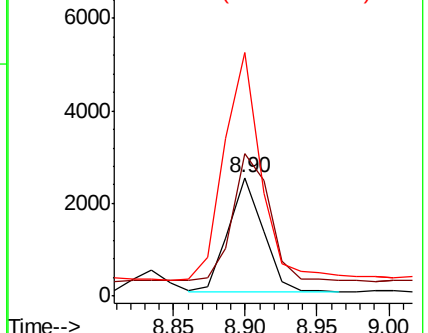
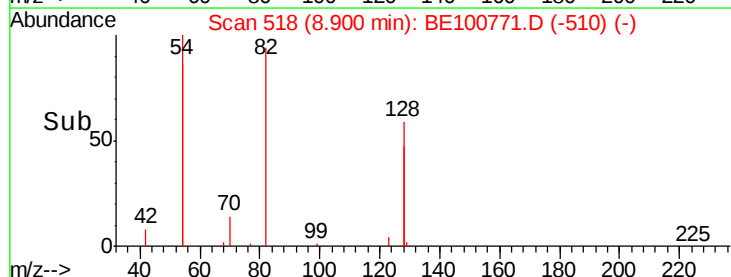
54 205.0 171.8 257.6



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: 0.413 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

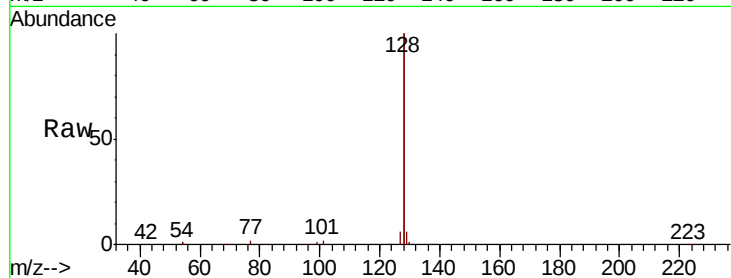
Tot Ion:128 Resp: 103102

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

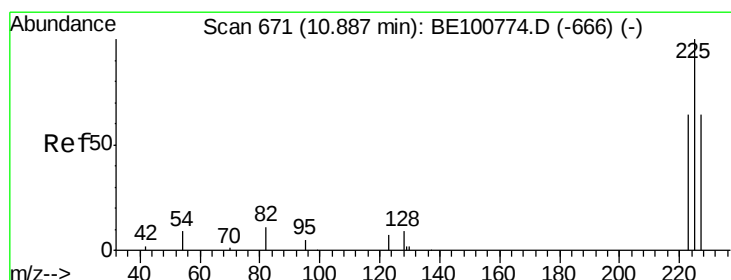
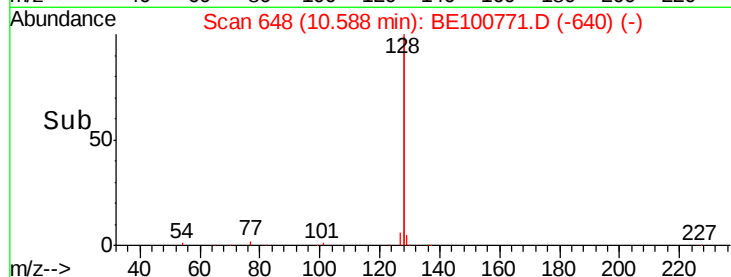
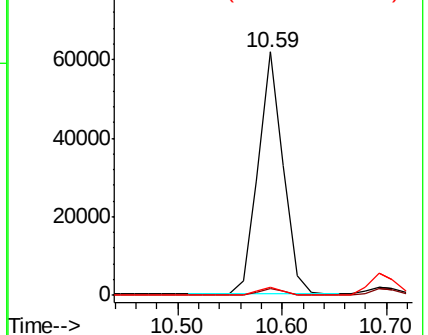
127 3.2 2.7 4.1



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: 0.397 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

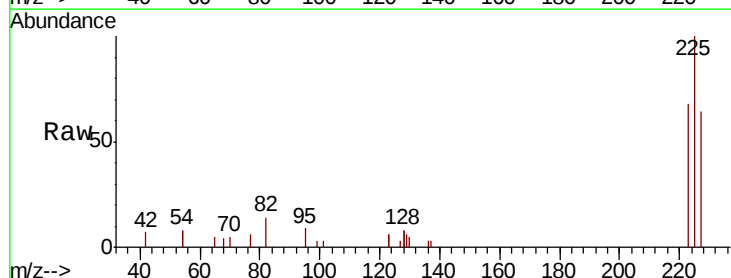
Tgt Ion:225 Resp: 3806

Ion Ratio Lower Upper

225 100

223 66.2 49.9 74.9

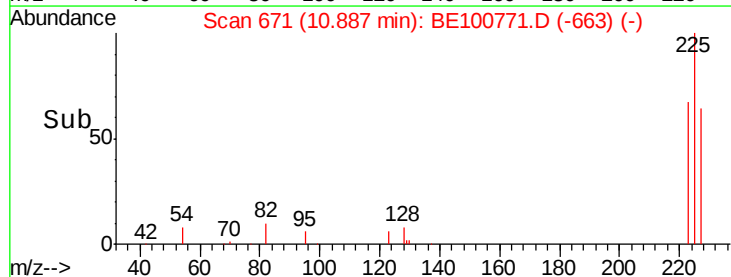
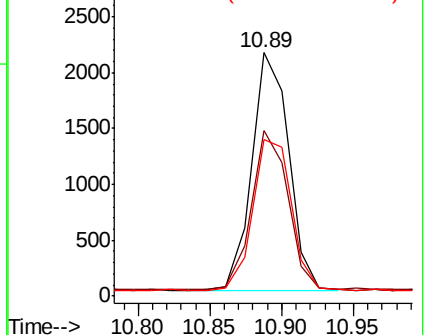
227 66.9 52.2 78.4



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: 0.528 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

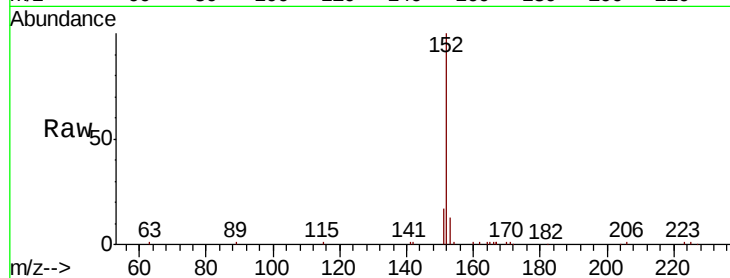
SSTDCCC0.4

Tot Ion:152 Resp: 18190

Ion Ratio Lower Upper

152 100

151 18.8 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

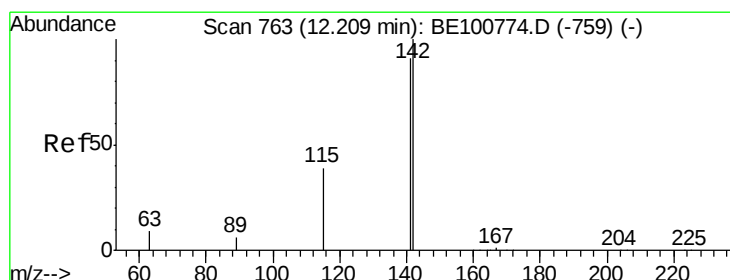
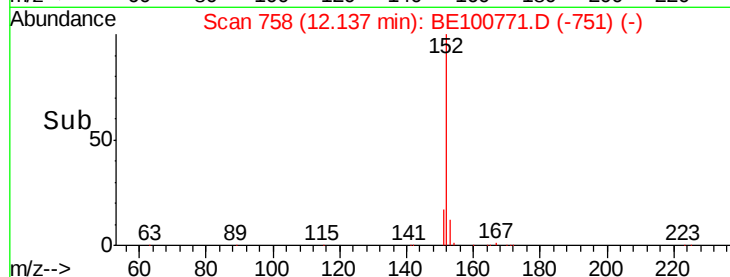
12.14

10000

5000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.529 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

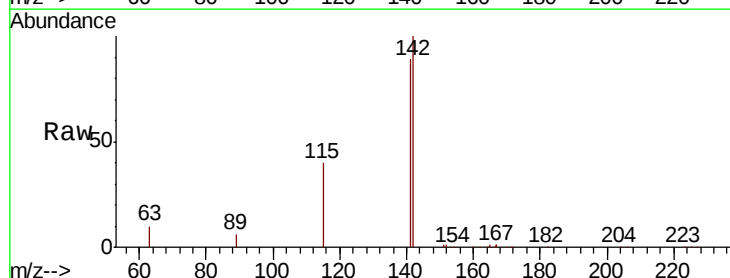
Tgt Ion:142 Resp: 20862

Ion Ratio Lower Upper

142 100

141 89.3 72.6 108.8

115 40.3 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

12.21

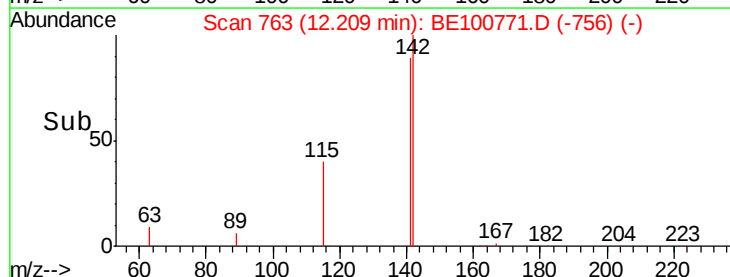
15000

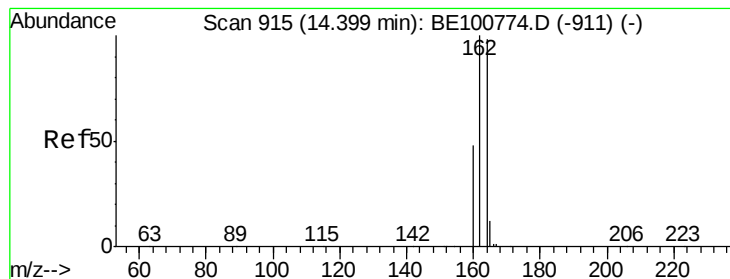
10000

5000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

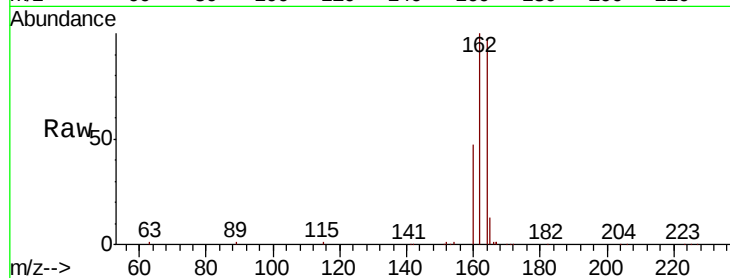
Tot Ion:164 Resp: 25516

Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

160 49.0 39.4 59.0

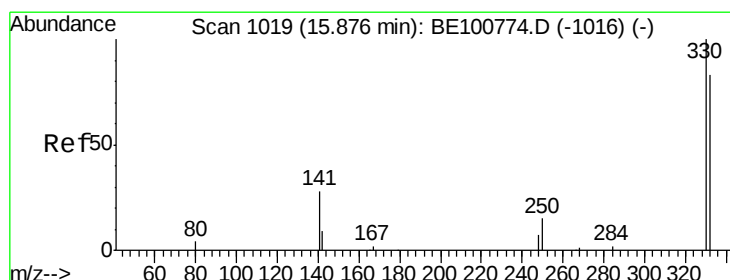
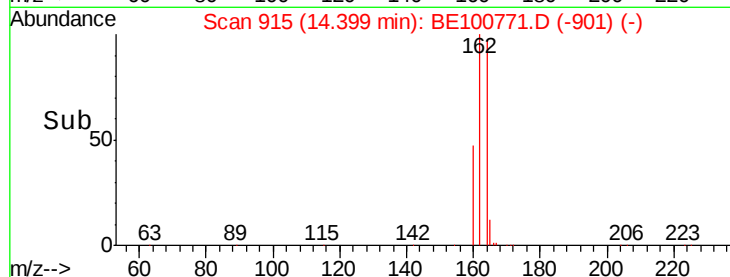
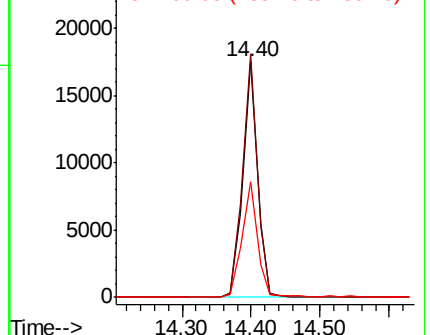


Abundance

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: 0.461 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

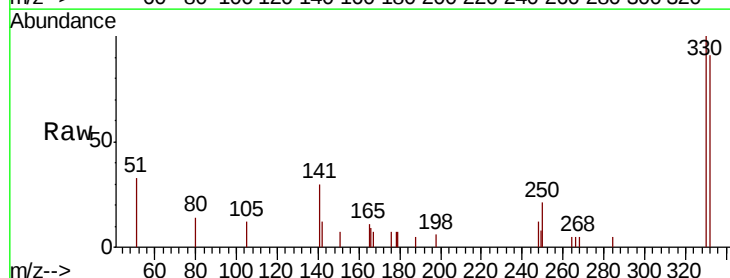
Tgt Ion:330 Resp: 1657

Ion Ratio Lower Upper

330 100

332 94.0 69.4 104.2

141 49.7 51.1 76.7#

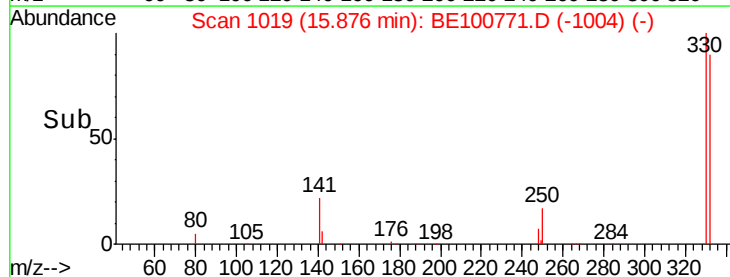
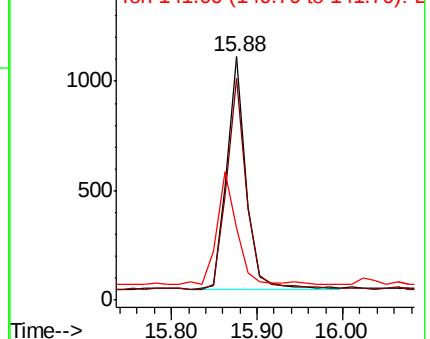


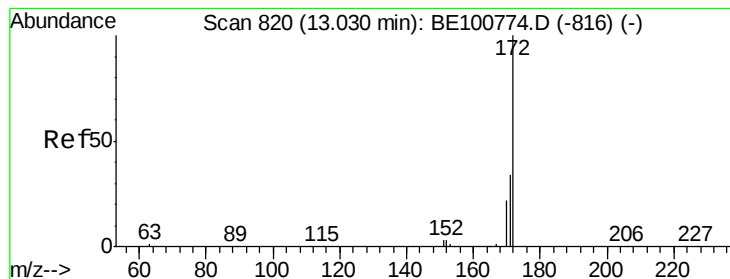
Abundance

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: 0.371 ng

RT: 13.03 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

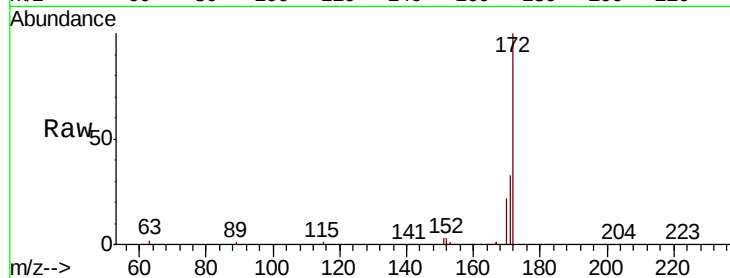
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:172 Resp: 36799

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.2	40.8
170	22.3	18.0	27.0

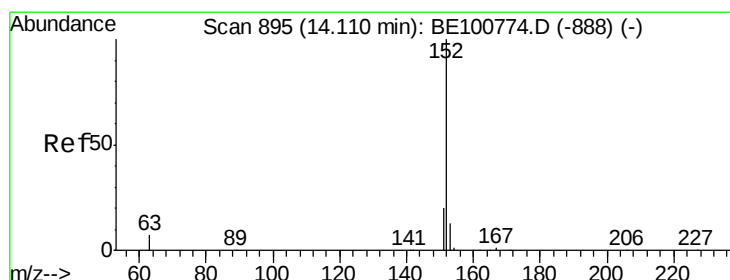
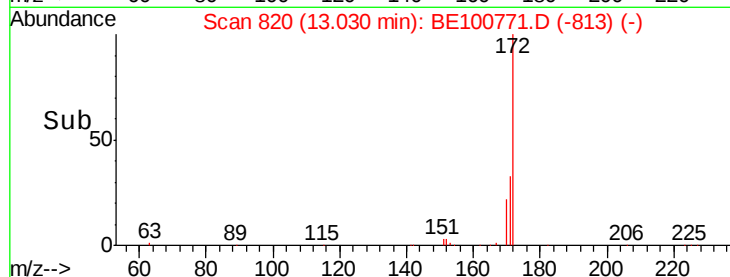
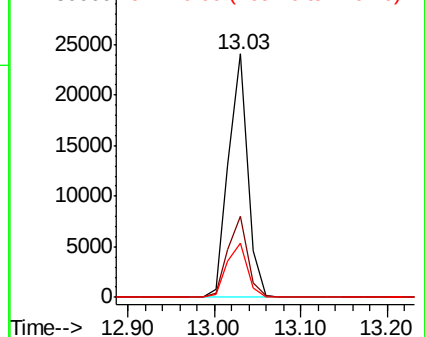


Abundance

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: 0.387 ng

RT: 14.11 min Scan# 895

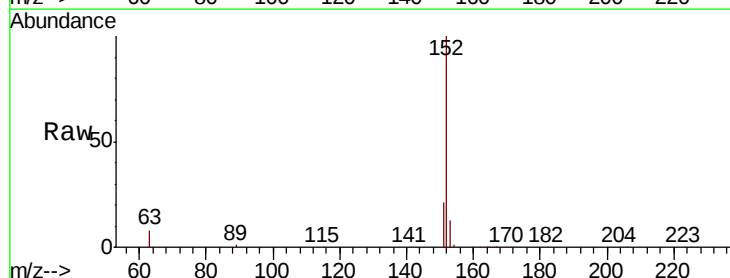
Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Tgt Ion:152 Resp: 42555

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.9	10.4	15.6

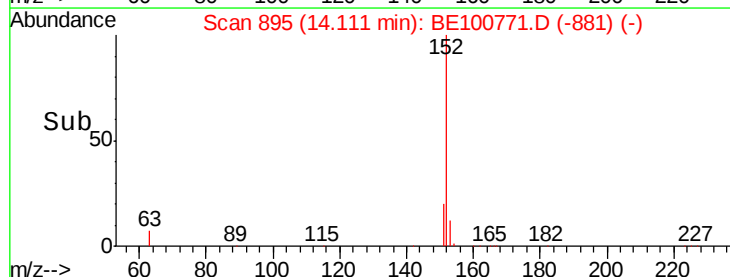
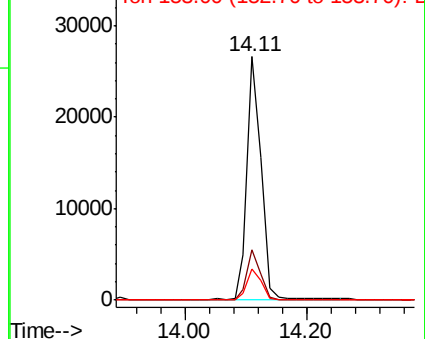


Abundance

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

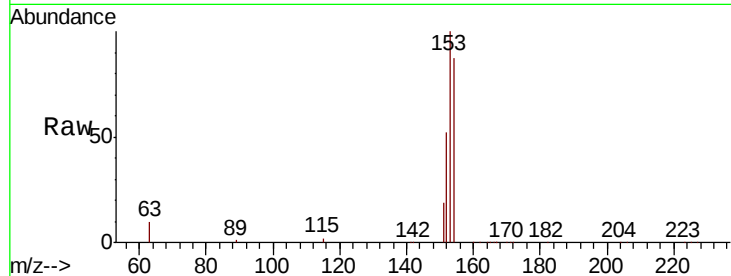




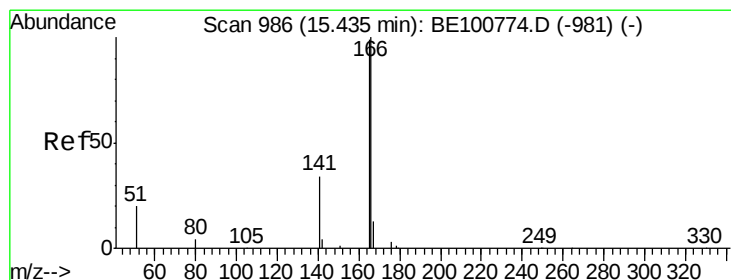
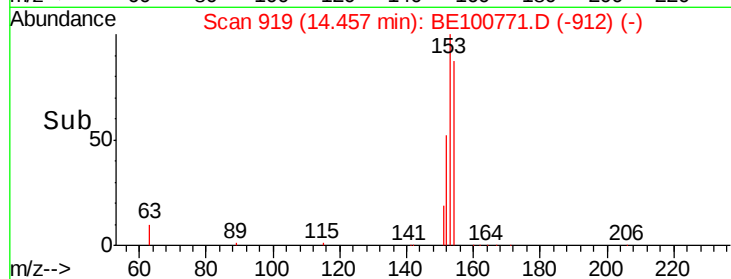
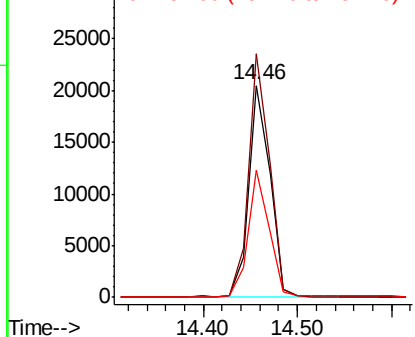
#17
Acenaphthene
Concen: 0.434 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 31968
Ion Ratio Lower Upper
154 100
153 113.2 92.2 138.2
152 59.3 49.1 73.7

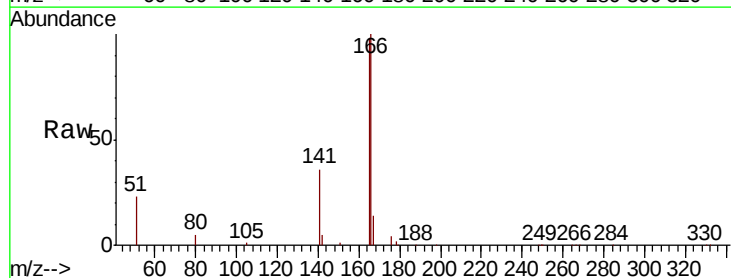


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

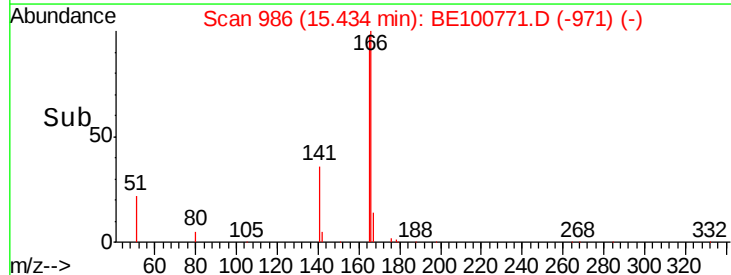
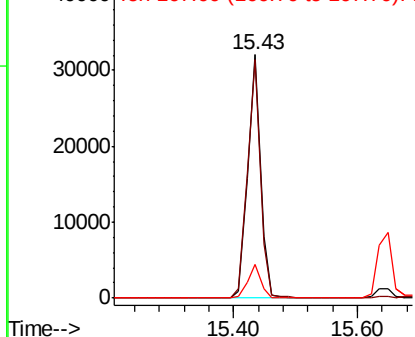


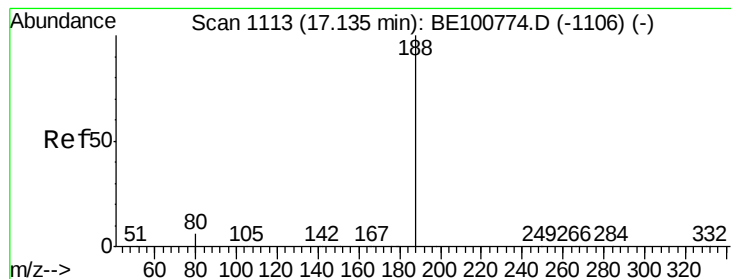
#18
Fluorene
Concen: 0.491 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:166 Resp: 46237
Ion Ratio Lower Upper
166 100
165 98.4 80.5 120.7
167 13.6 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: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

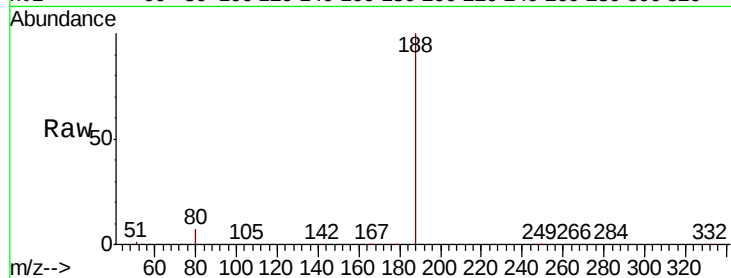
Tot Ion:188 Resp: 69547

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

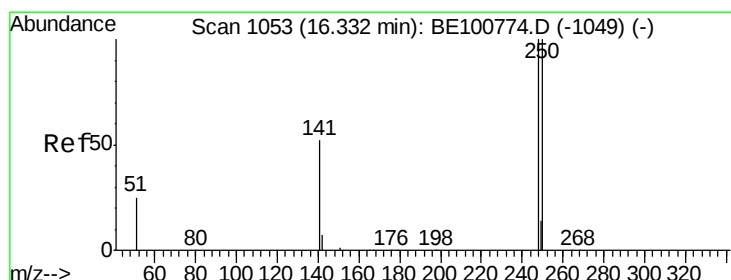
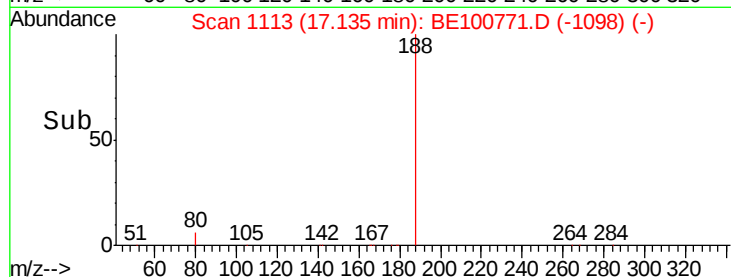
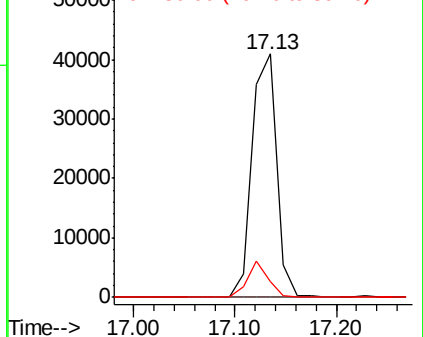
80 6.6 5.2 7.8



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: 0.426 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

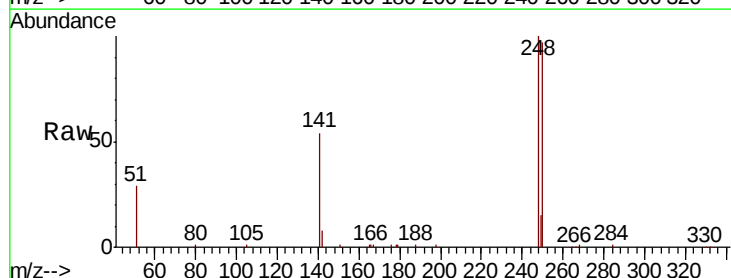
Tgt Ion:248 Resp: 14582

Ion Ratio Lower Upper

248 100

250 97.0 80.5 120.7

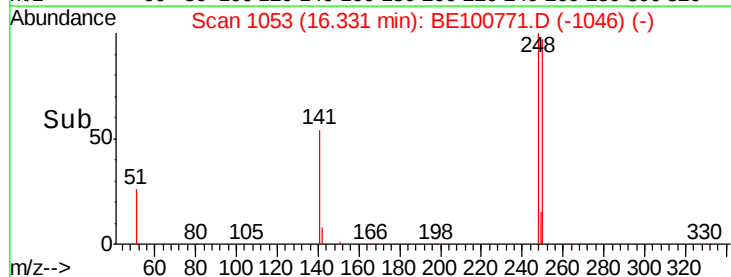
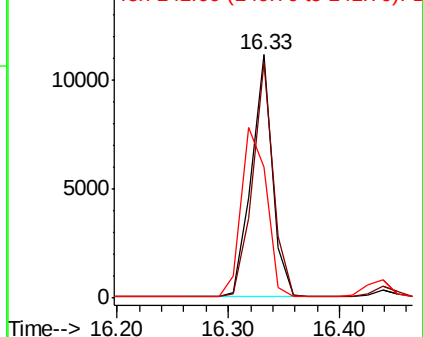
141 54.0 42.6 64.0



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

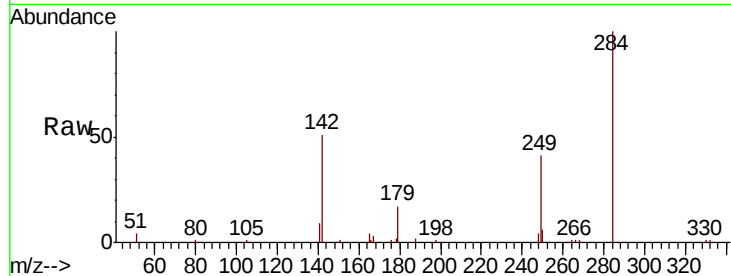




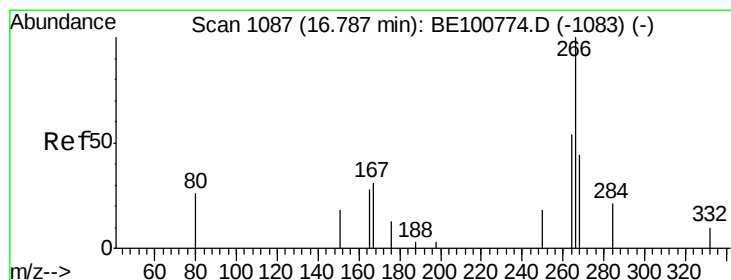
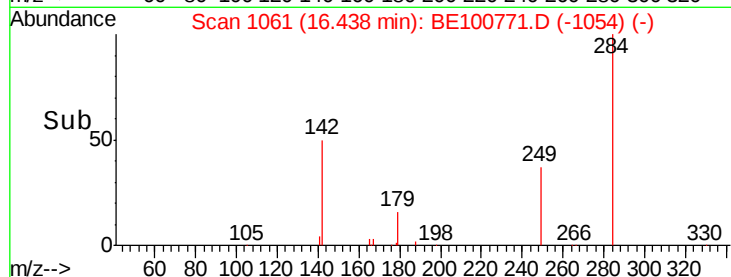
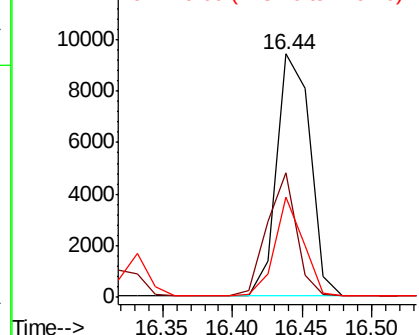
#21
Hexachlorobenzene
Concen: 0.439 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 15685
Ion Ratio Lower Upper
284 100
142 44.4 34.4 51.6
249 34.7 28.5 42.7

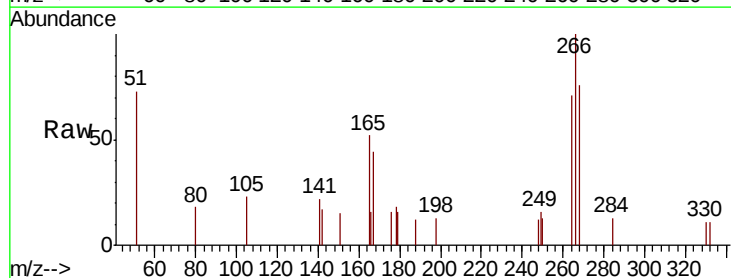


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

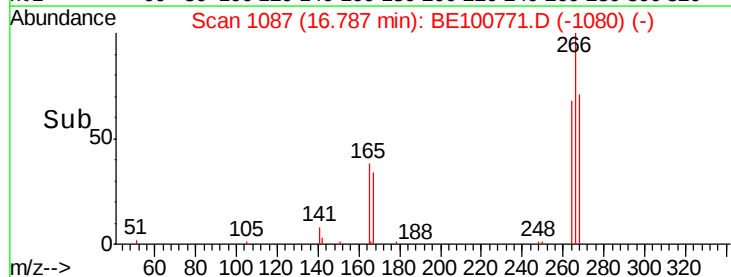
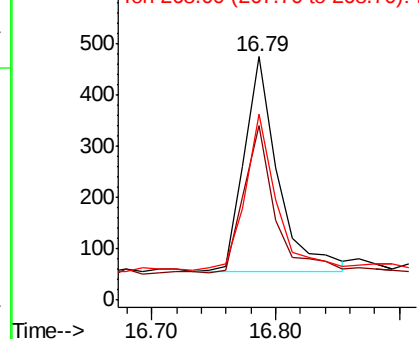


#22
Pentachlorophenol
Concen: 0.123 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:266 Resp: 797
Ion Ratio Lower Upper
266 100
264 71.4 63.4 95.0
268 76.5 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: 0.449 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

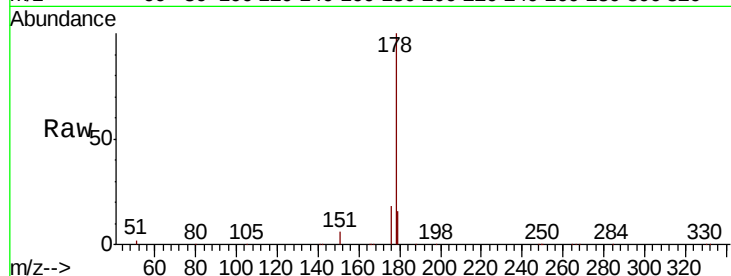
Tot Ion:178 Resp: 94065

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

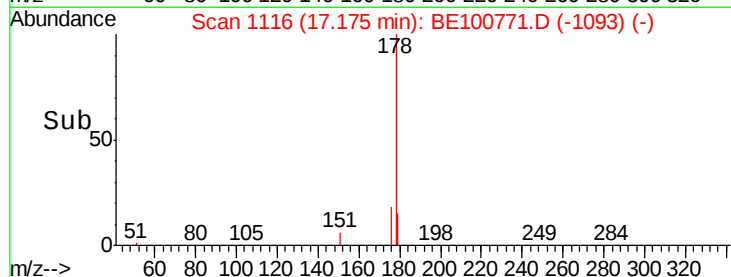
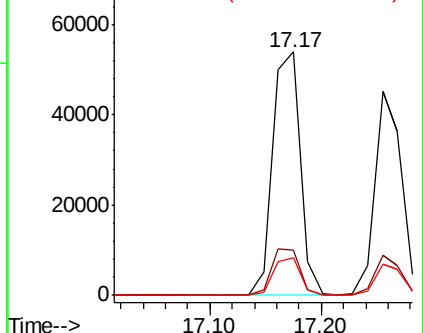
179 15.2 12.3 18.5



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: 0.415 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

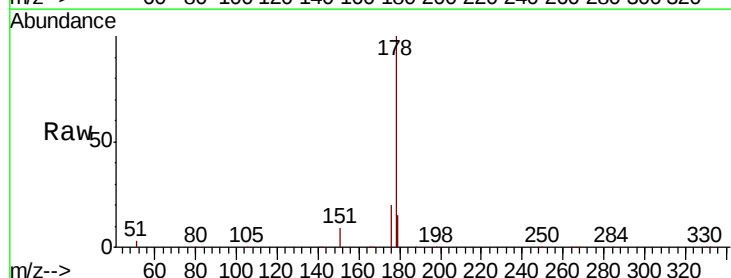
Tgt Ion:178 Resp: 74980

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

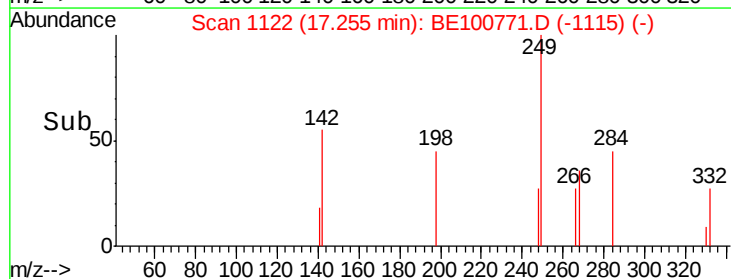
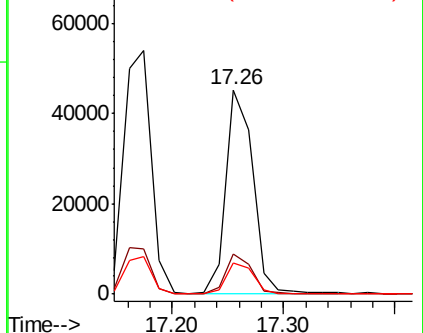
179 15.3 12.7 19.1



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: 0.425 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

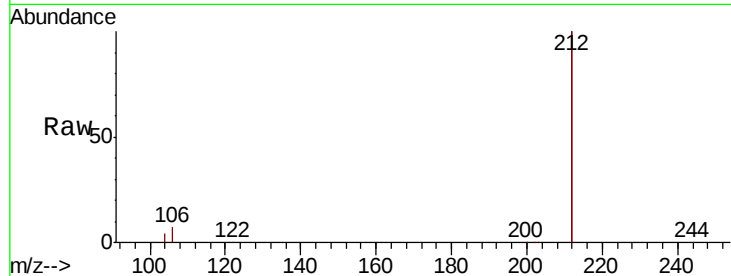
Tot Ion:212 Resp: 361801

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

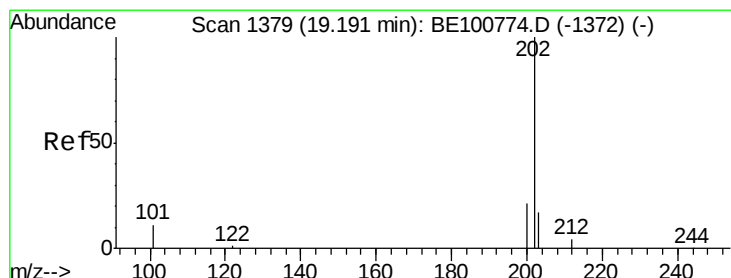
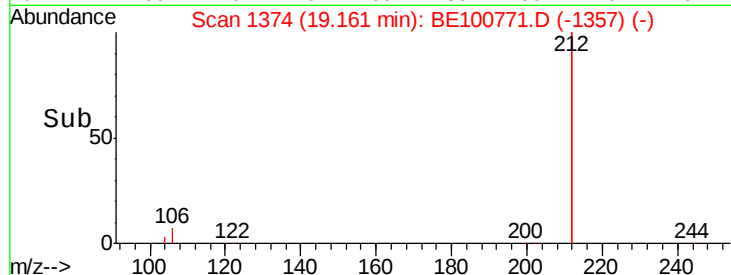
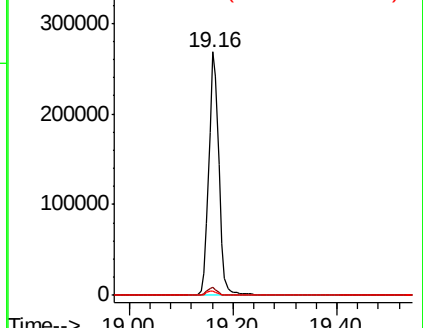
104 1.8 1.4 2.2



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: 0.449 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

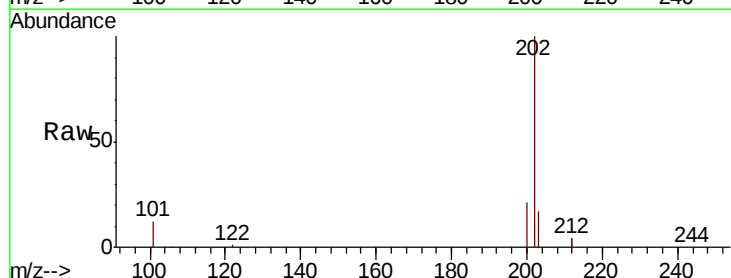
Tgt Ion:202 Resp: 115031

Ion Ratio Lower Upper

202 100

101 11.4 9.1 13.7

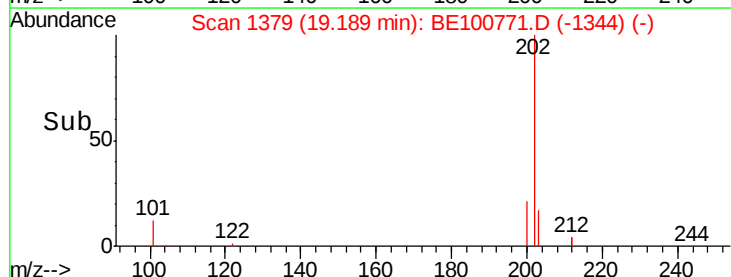
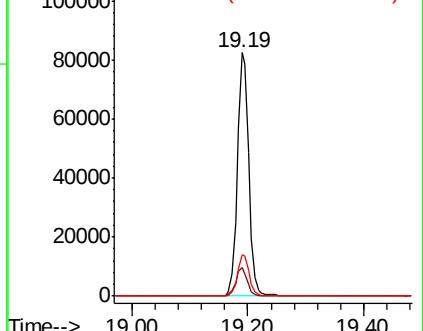
203 17.2 13.8 20.6



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# 1625

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

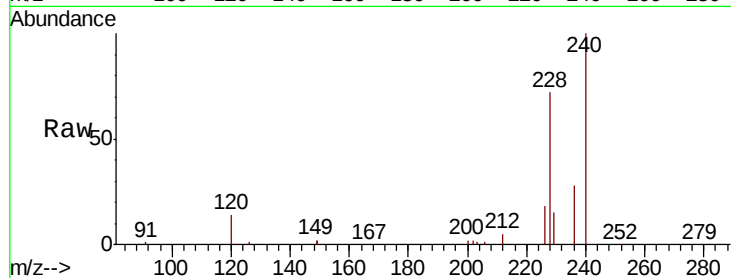
Tot Ion:240 Resp: 81918

Ion Ratio Lower Upper

240 100

120 14.1 10.2 15.2

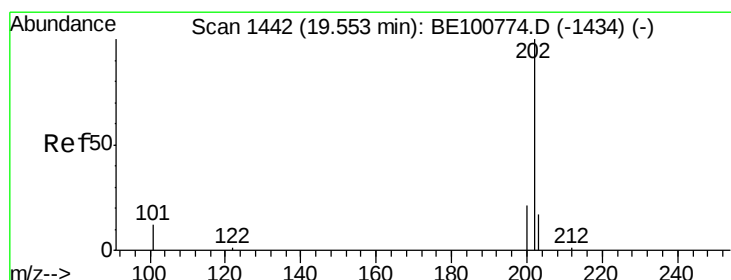
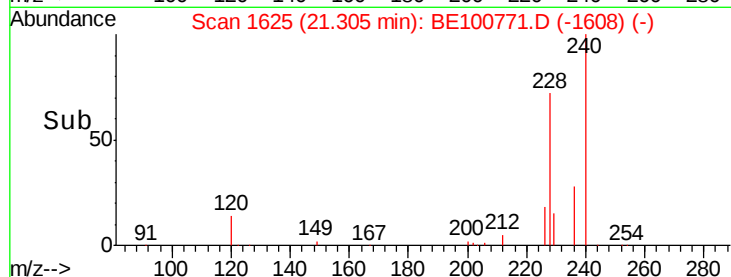
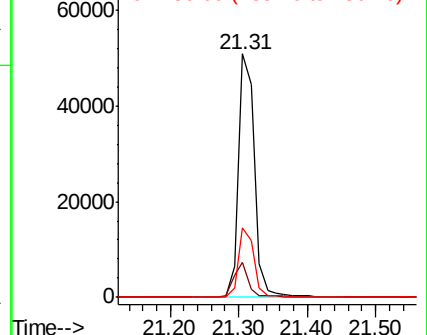
236 28.5 22.3 33.5



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: 0.444 ng

RT: 19.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

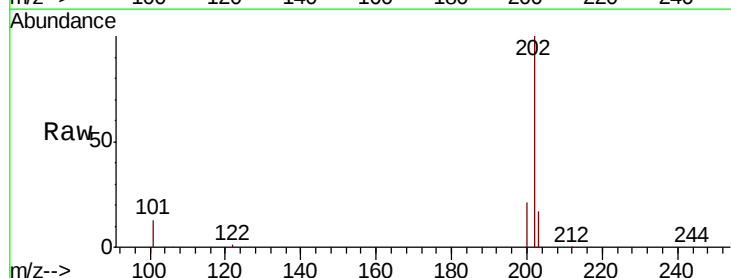
Tgt Ion:202 Resp: 112544

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

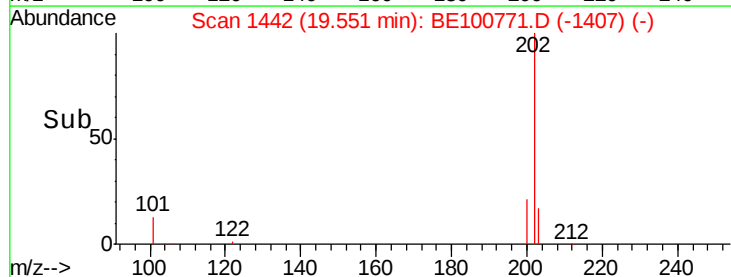
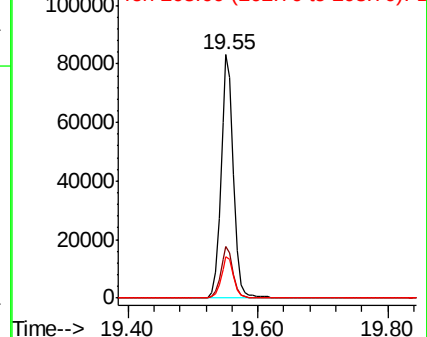
203 17.3 13.9 20.9



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: 0.451 ng

RT: 19.77 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

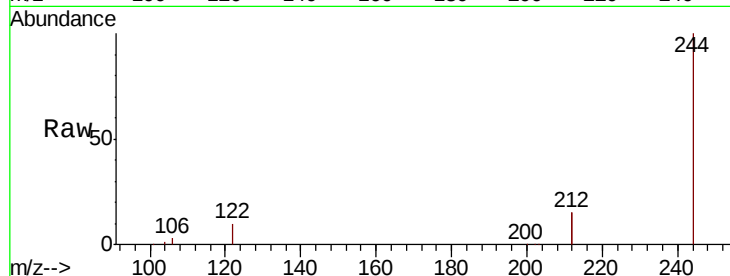
Tot Ion:244 Resp: 85045

Ion Ratio Lower Upper

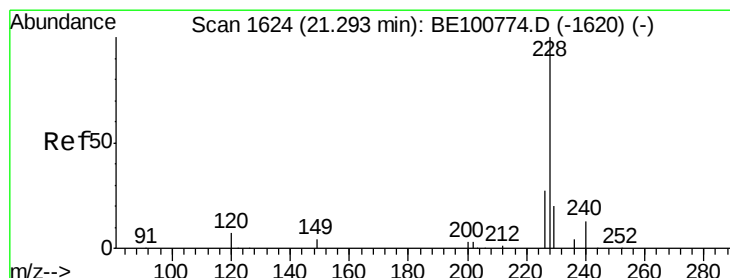
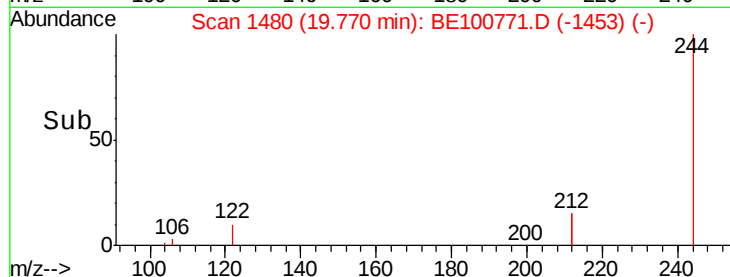
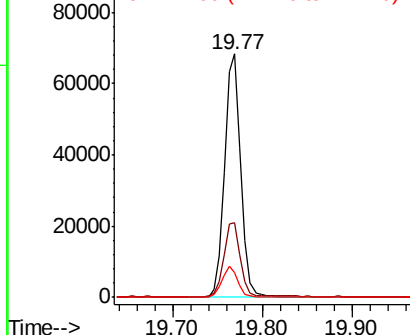
244 100

212 30.5 26.2 39.4

122 10.1 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: 0.396 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

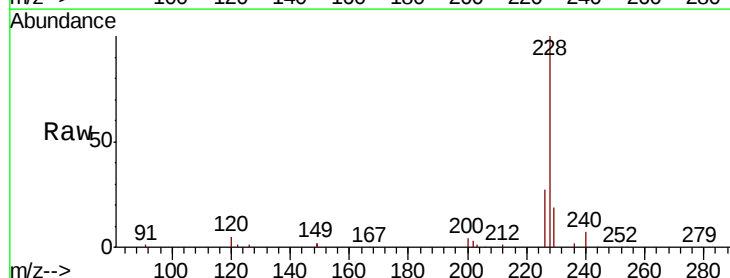
Tgt Ion:228 Resp: 109328

Ion Ratio Lower Upper

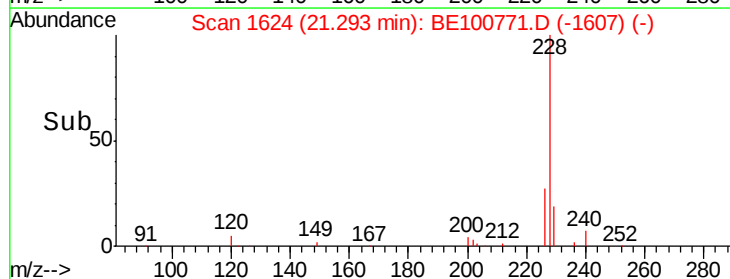
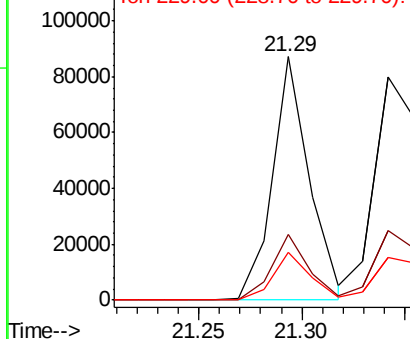
228 100

226 27.1 21.5 32.3

229 19.4 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: 0.448 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

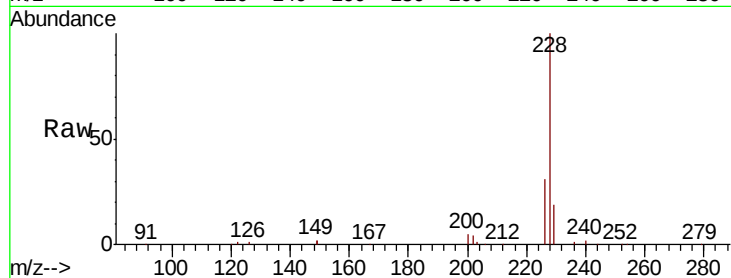
Tot Ion:228 Resp: 125854

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

229 19.0 15.4 23.2

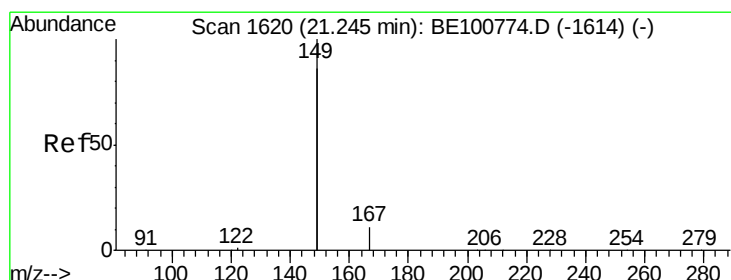
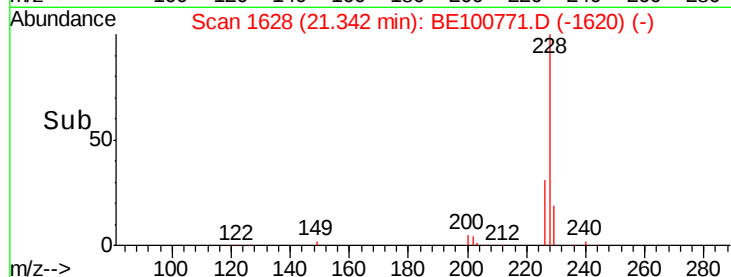
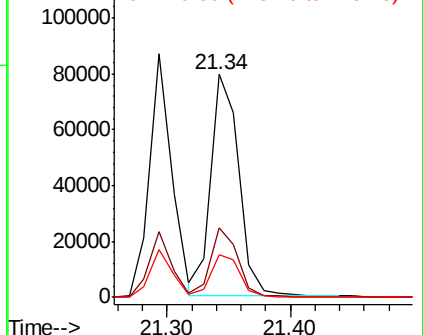


Abundance

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: 0.176 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

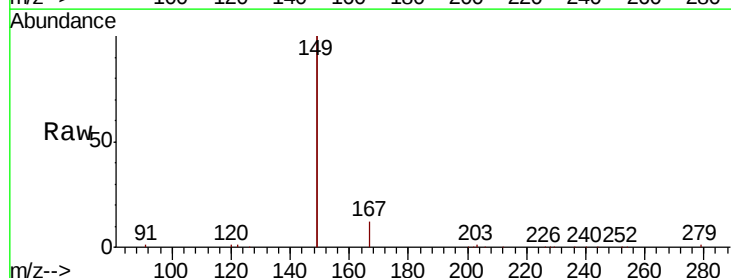
Tgt Ion:149 Resp: 87576

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

279 0.7 0.7 1.1#

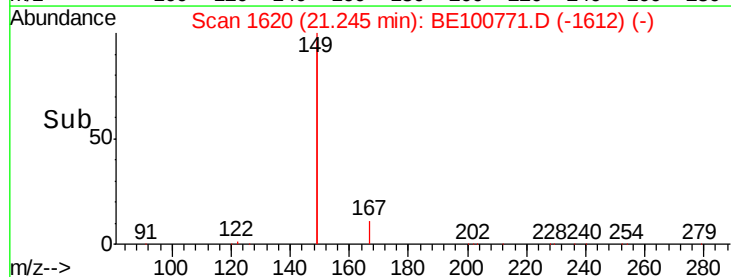
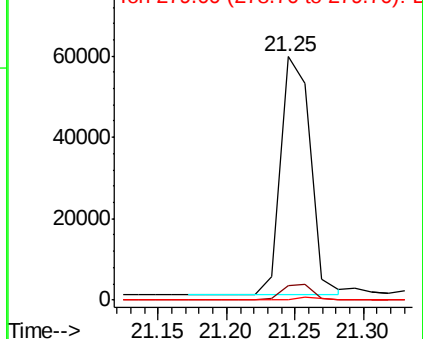


Abundance

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: 0.407 ng

RT: 26.34 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

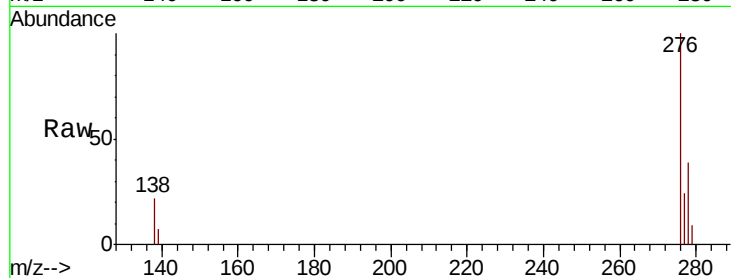
Tot Ion:276 Resp: 119832

Ion Ratio Lower Upper

276 100

138 23.7 19.4 29.0

277 24.1 19.8 29.6

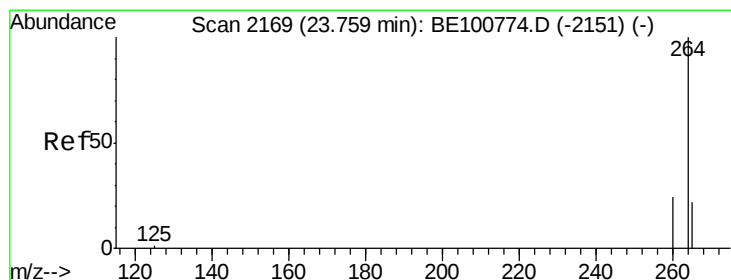
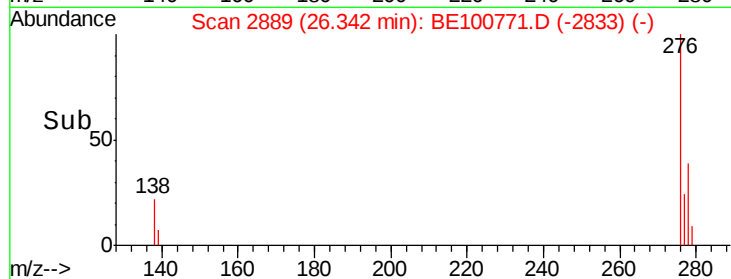
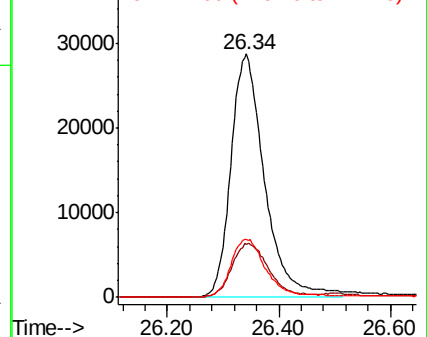


Abundance

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# 2170

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

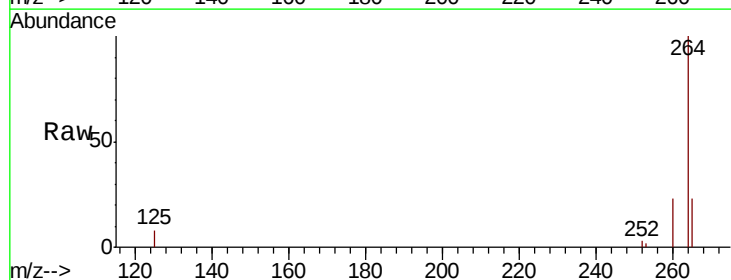
Tgt Ion:264 Resp: 95853

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 22.8 21.8 32.8

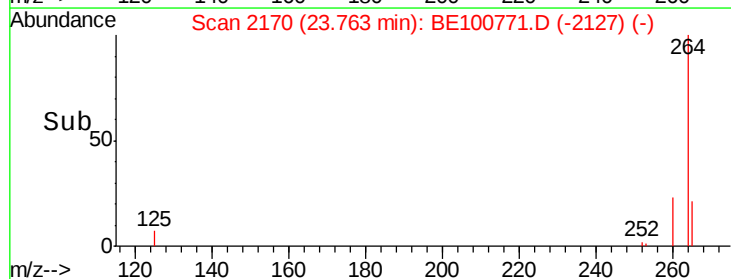
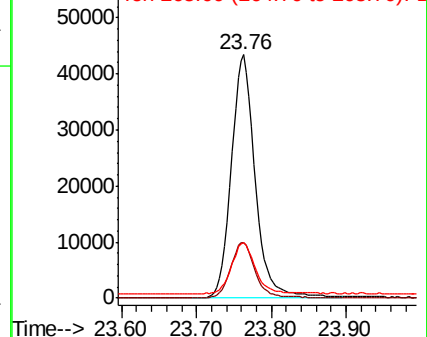


Abundance

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

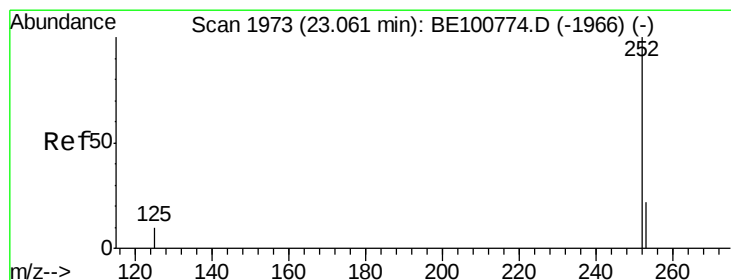
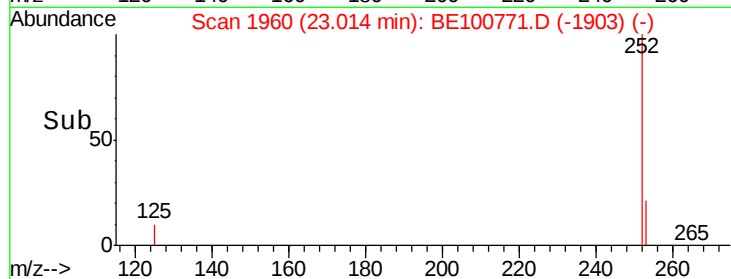
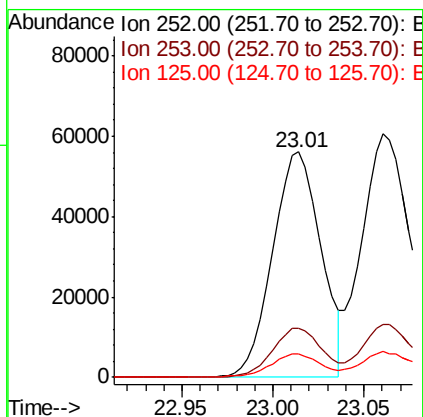
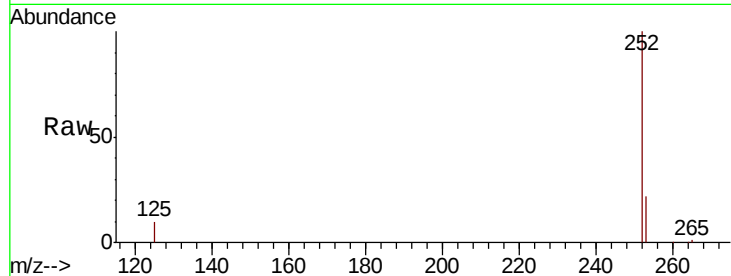




#35
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 23.01 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

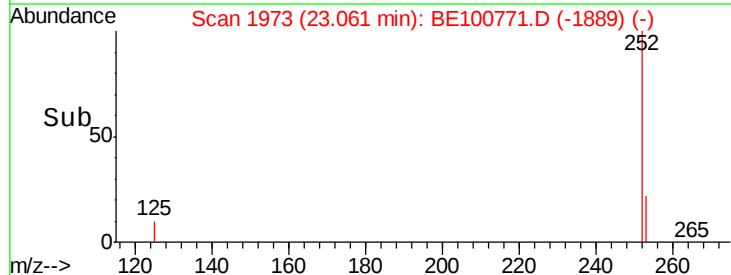
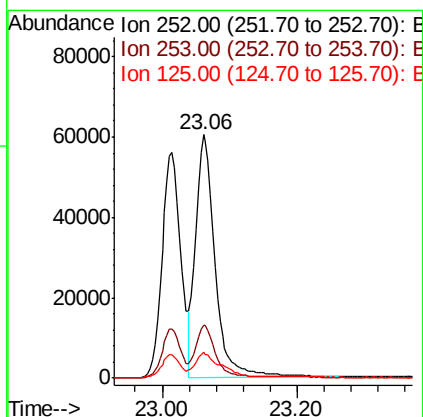
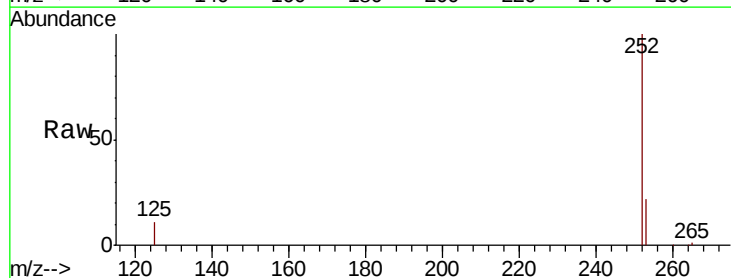
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 102740
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.2 9.0 13.4



#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.06 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:252 Resp: 121388
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.6 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.352 ng

RT: 23.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

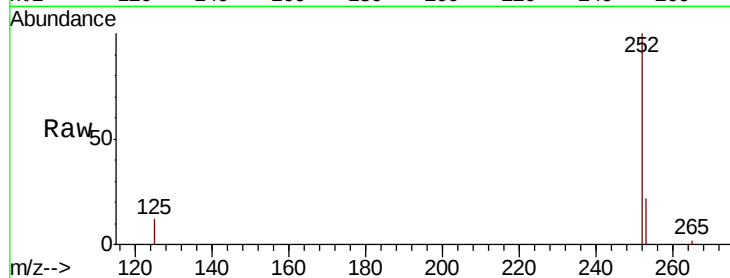
Tot Ion:252 Resp: 93287

Ion Ratio Lower Upper

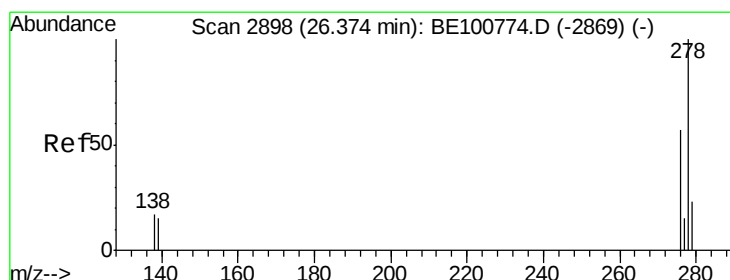
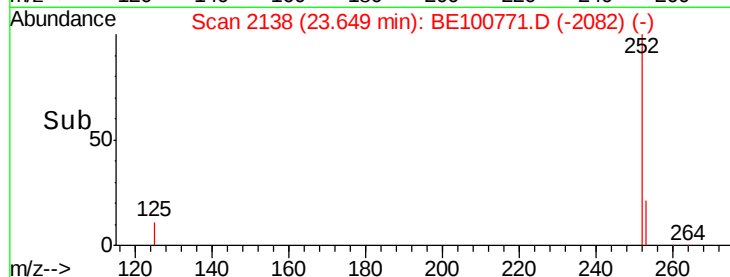
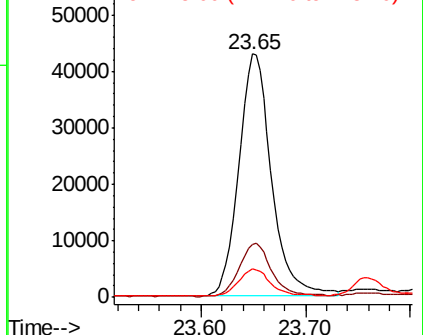
252 100

253 21.7 18.2 27.4

125 11.6 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: 0.353 ng

RT: 26.37 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

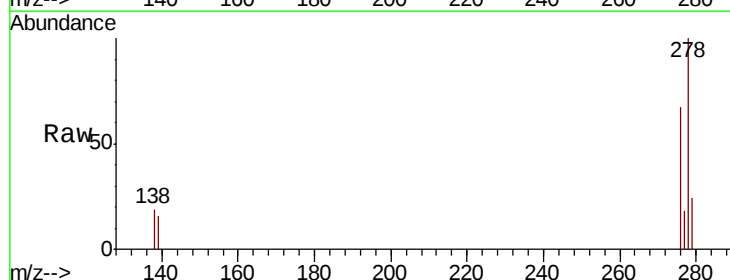
Tgt Ion:278 Resp: 98576

Ion Ratio Lower Upper

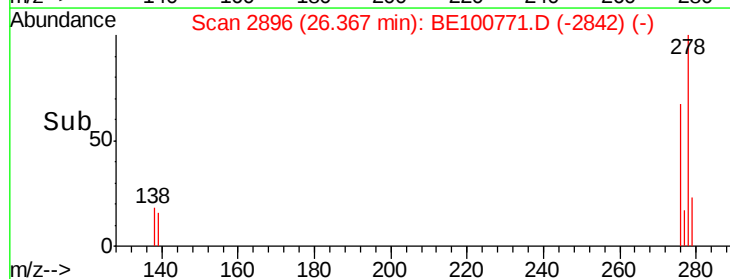
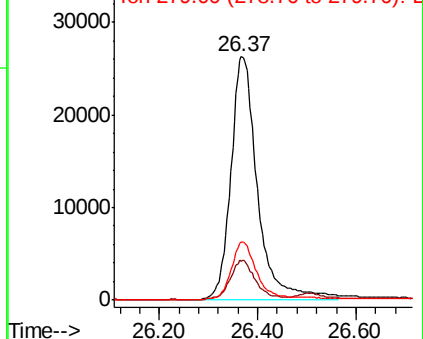
278 100

139 16.1 13.0 19.4

279 23.8 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: 0.353 ng

RT: 27.13 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE100771.D

Acq: 4 Dec 2019 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

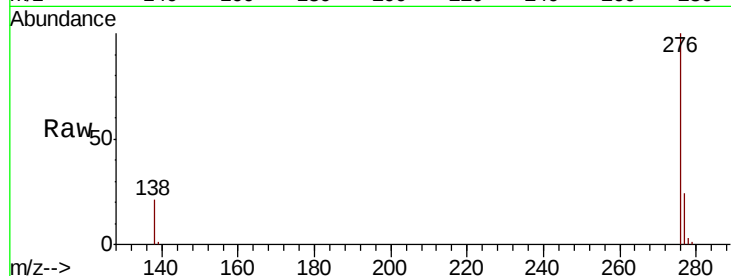
Tot Ion: 276 Resp: 102721

Ion Ratio Lower Upper

276 100

277 23.7 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

