

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100841.D
 Acq On : 11 Dec 2019 10:20
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 11 11:44:49 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	6078	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	30137	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	18801	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	68503	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	67121	0.40	ng	0.00
34) Perylene-d12	23.74	264	83747	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	6542	0.45	ng	-0.01
5) Phenol-d6	6.93	99	10442	0.48	ng	0.00
8) Nitrobenzene-d5	8.90	82	7407	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	17117	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	2362	1.13	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	24949	0.33	ng	-0.01
25) Fluoranthene-d10	19.16	212	289365	0.36	ng	0.00
29) Terphenyl-d14	19.76	244	63071	0.39	ng	0.00

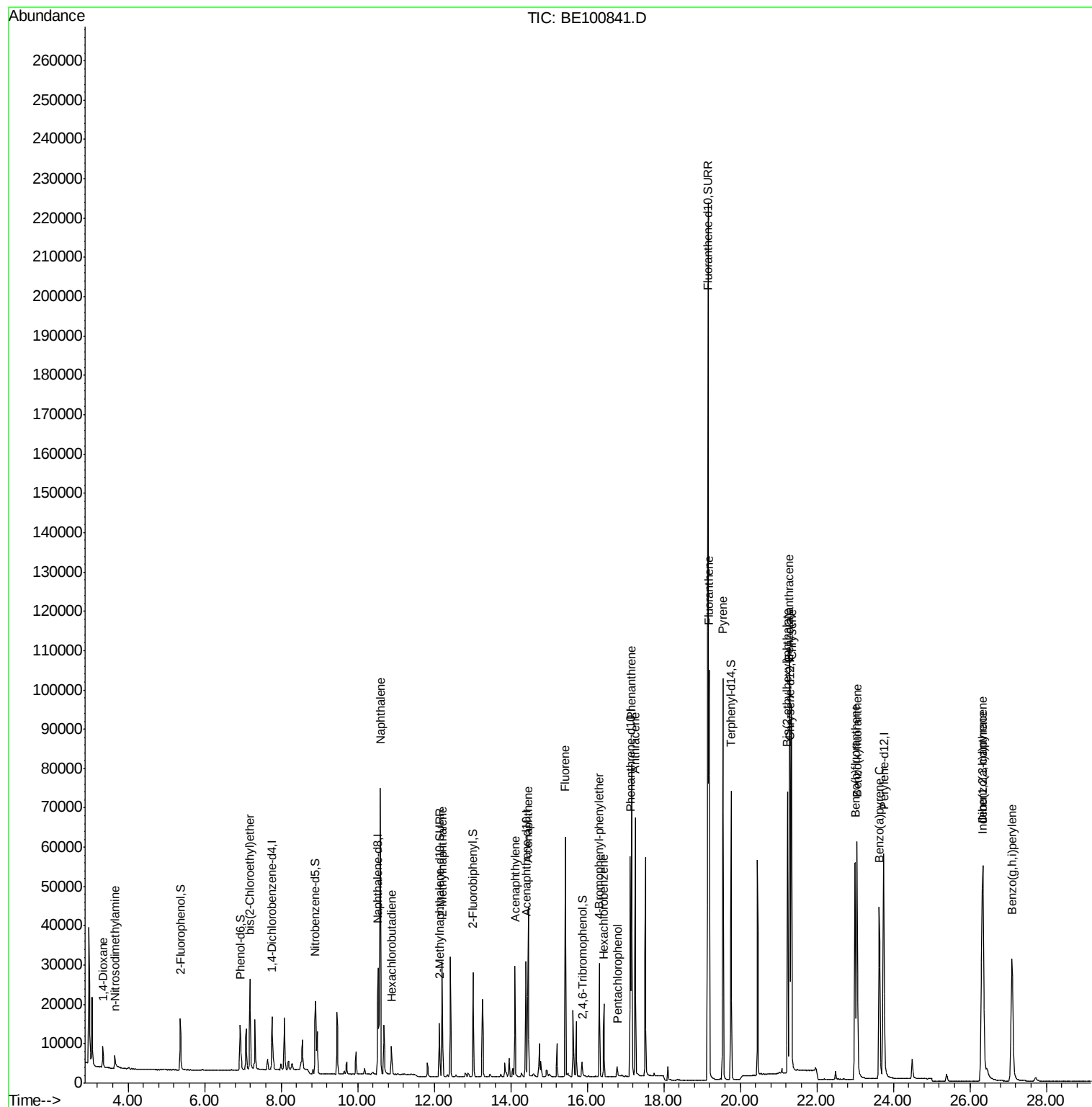
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3900	0.352	ng	98
3) n-Nitrosodimethylamine	3.65	42	3518	0.390	ng	94
6) bis(2-Chloroethyl)ether	7.18	93	8336	0.396	ng	100
9) Naphthalene	10.59	128	122332	0.382	ng	100
10) Hexachlorobutadiene	10.89	225	4702	0.377	ng	97
12) 2-Methylnaphthalene	12.21	142	19754	0.395	ng	96
16) Acenaphthylene	14.11	152	29274	0.376	ng	100
17) Acenaphthene	14.46	154	20858	0.389	ng	98
18) Fluorene	15.42	166	33631	0.487	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	11756	0.350	ng	# 68
21) Hexachlorobenzene	16.44	284	13279	0.364	ng	98
22) Pentachlorophenol	16.79	266	1694	0.671	ng	# 83
23) Phenanthrene	17.16	178	78676	0.379	ng	100
24) Anthracene	17.25	178	66309	0.382	ng	99
26) Fluoranthene	19.18	202	90004	0.363	ng	100
28) Pyrene	19.55	202	88659	0.407	ng	100
30) Benzo(a)anthracene	21.28	228	83331	0.421	ng	97
31) Chrysene	21.34	228	87517	0.376	ng	97
32) Bis(2-ethylhexyl)phthalate	21.23	149	92542	0.655	ng	100
33) Indeno(1,2,3-cd)pyrene	26.32	276	92445	0.456	ng	99
35) Benzo(b)fluoranthene	23.00	252	79640	0.347	ng	98
36) Benzo(k)fluoranthene	23.05	252	92150	0.358	ng	99
37) Benzo(a)pyrene	23.63	252	70184	0.354	ng	98
38) Dibenzo(a,h)anthracene	26.34	278	75112	0.380	ng	99
39) Benzo(g,h,i)perylene	27.10	276	78021	0.369	ng	99

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

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Instrument :
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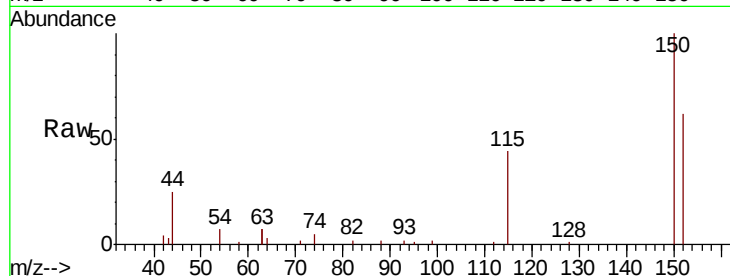


#1

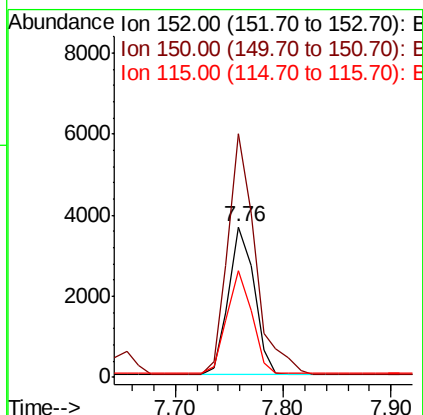
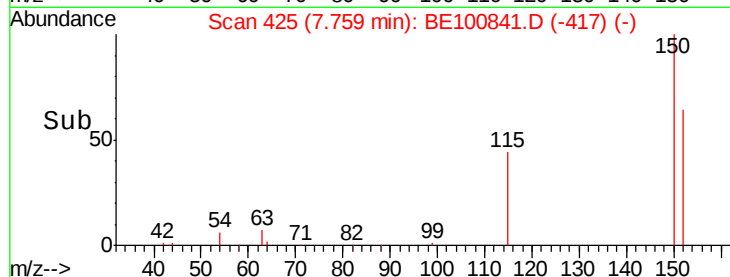
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 6078
Ion Ratio Lower Upper
152 100
150 161.6 120.6 181.0
115 70.7 47.4 71.2



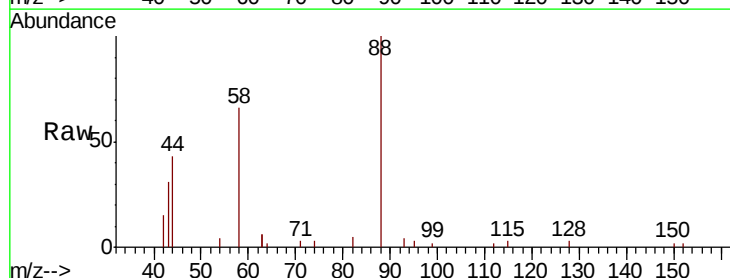
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



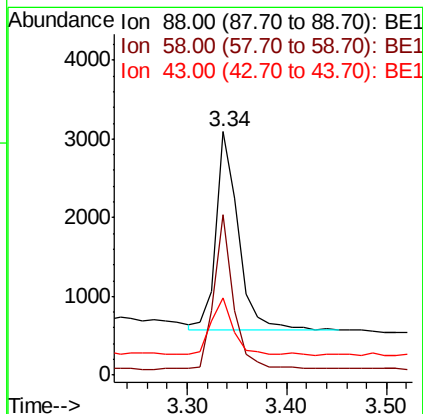
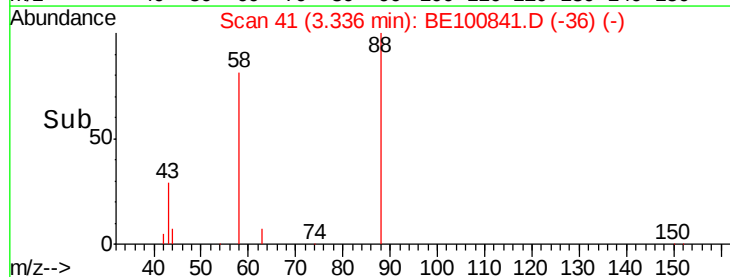
#2

1,4-Dioxane
Concen: 0.352 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Tgt Ion: 88 Resp: 3900
Ion Ratio Lower Upper
88 100
58 67.6 52.5 78.7
43 27.5 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: 0.390 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

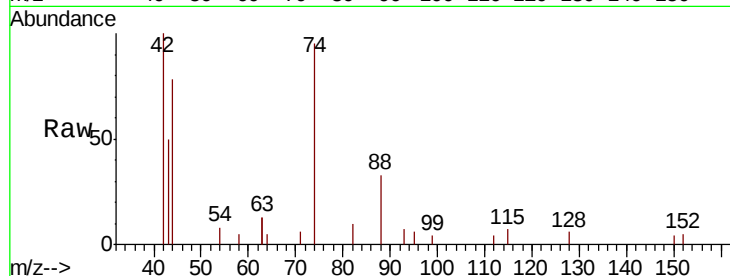
Tot Ion: 42 Resp: 3518

Ion Ratio Lower Upper

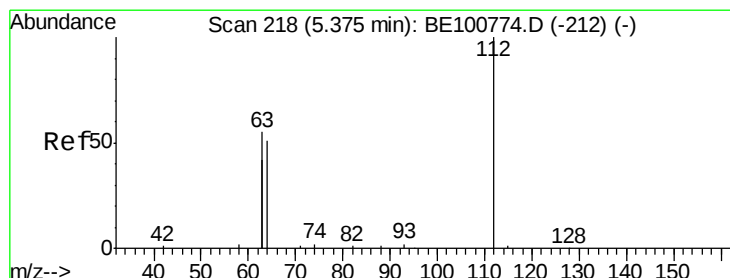
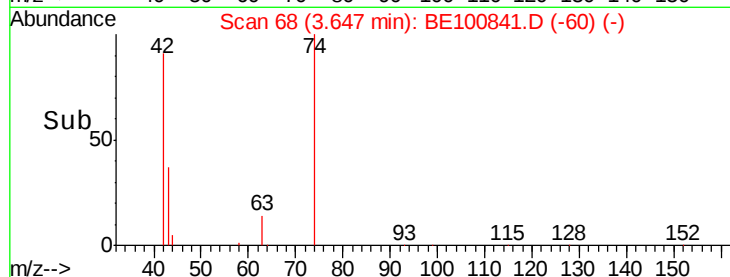
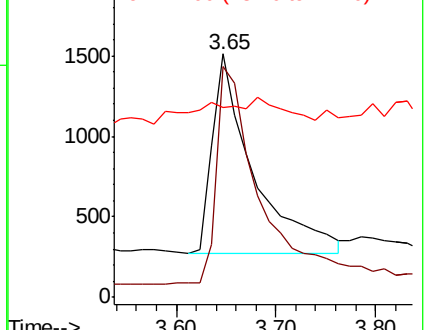
42 100

74 115.2 86.3 129.5

44 15.4 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: 0.454 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

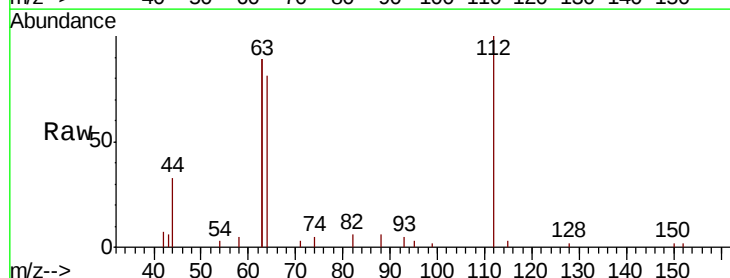
Tgt Ion: 112 Resp: 6542

Ion Ratio Lower Upper

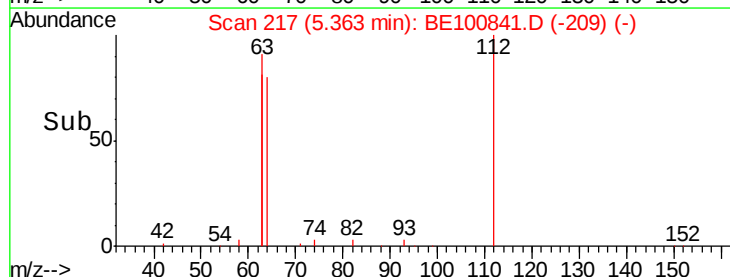
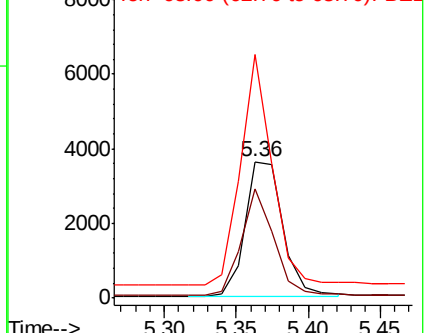
112 100

64 67.8 54.1 81.1

63 143.4 113.2 169.8



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: 0.480 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

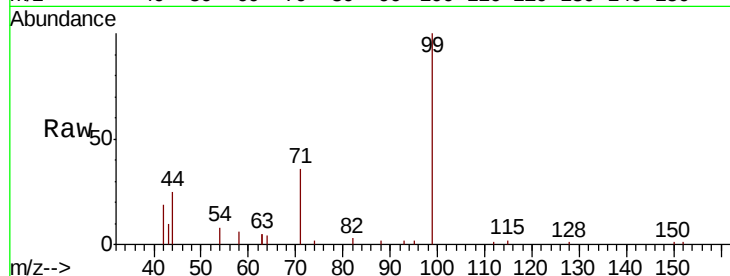
Tot Ion: 99 Resp: 10442

Ion Ratio Lower Upper

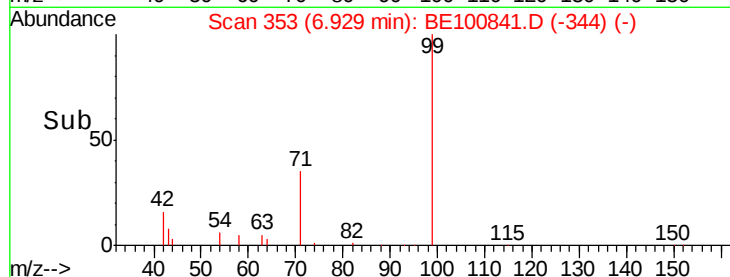
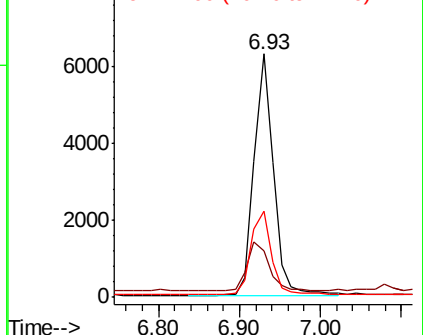
99 100

42 22.7 19.1 28.7

71 36.8 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: 0.396 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

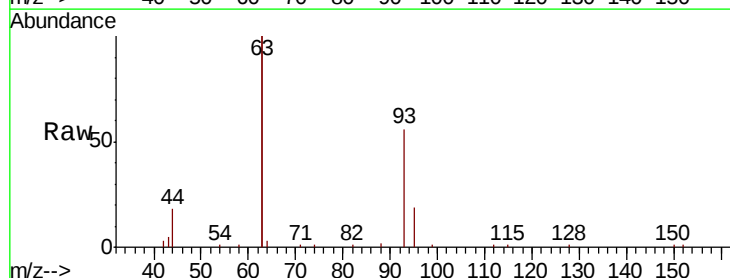
Tgt Ion: 93 Resp: 8336

Ion Ratio Lower Upper

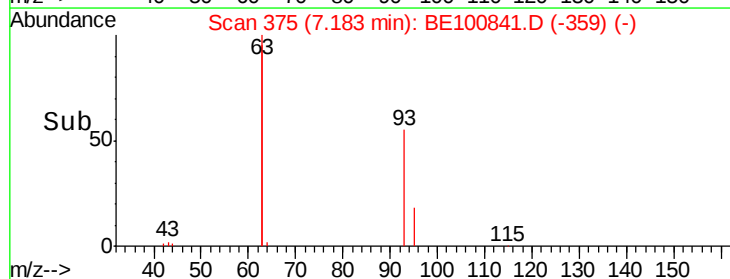
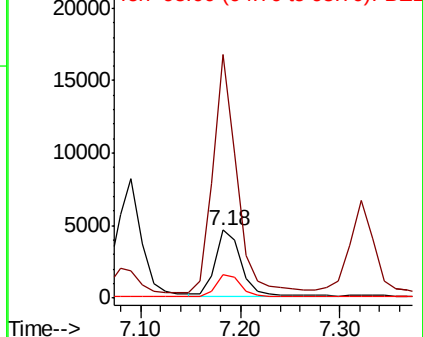
93 100

63 323.2 259.4 389.0

95 32.6 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: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 30137

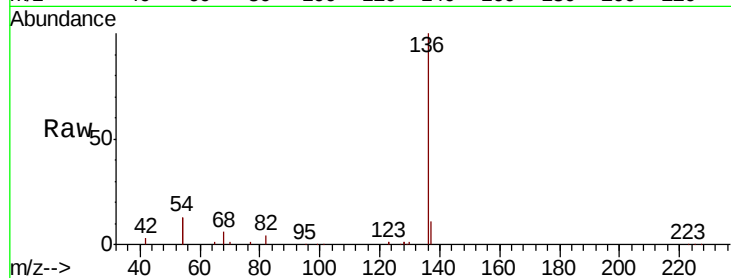
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 26.7 31.1 46.7#

68 5.9 6.6 10.0#

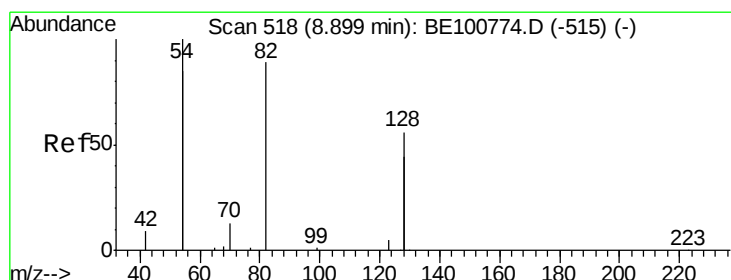
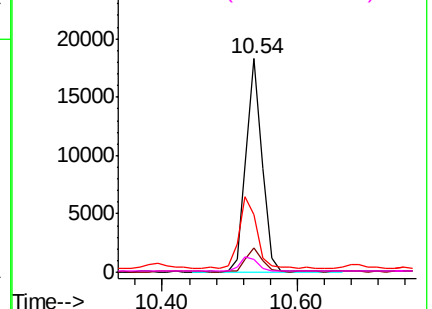
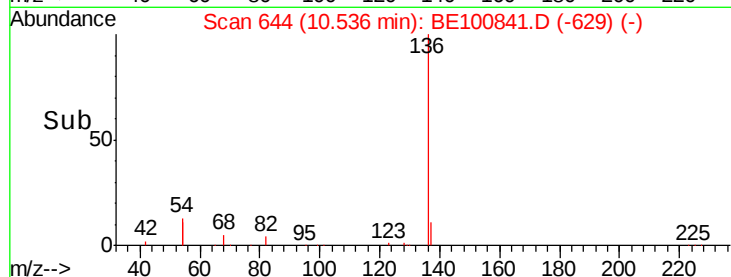


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.516 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

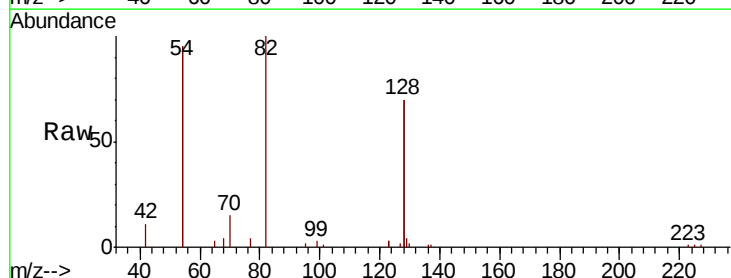
Tgt Ion: 82 Resp: 7407

Ion Ratio Lower Upper

82 100

128 139.6 97.0 145.4

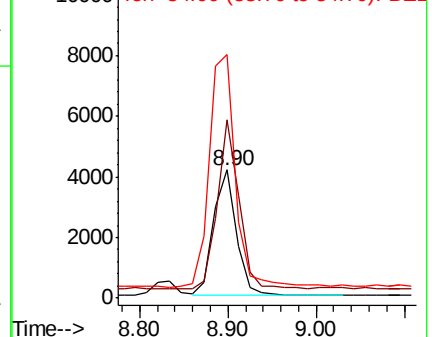
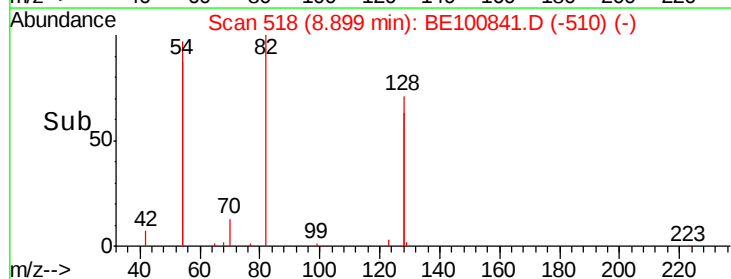
54 190.2 171.8 257.6



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: 0.382 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

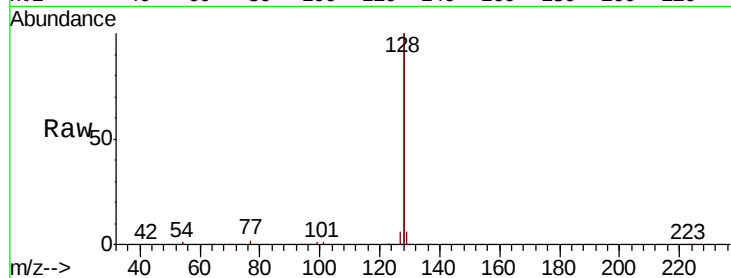
Tot Ion:128 Resp: 122332

Ion Ratio Lower Upper

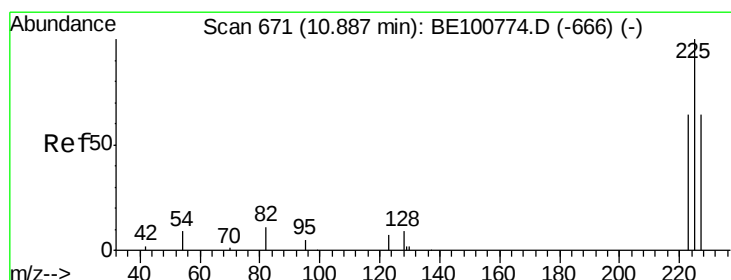
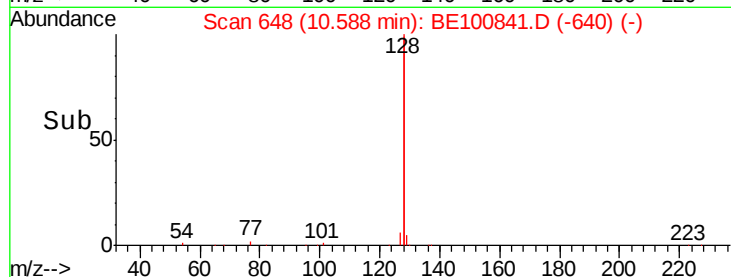
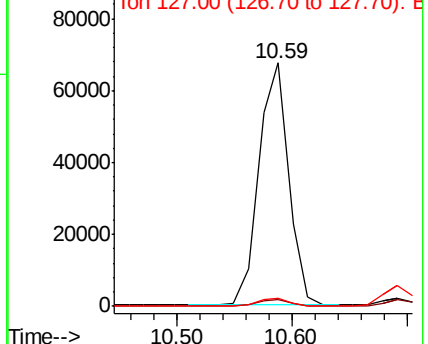
128 100

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: 0.377 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

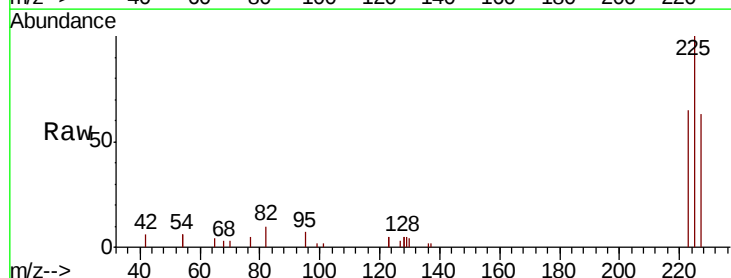
Tgt Ion:225 Resp: 4702

Ion Ratio Lower Upper

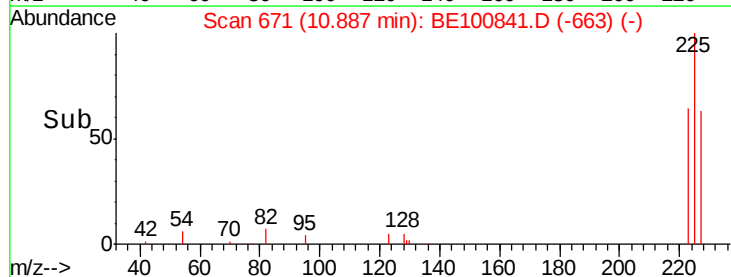
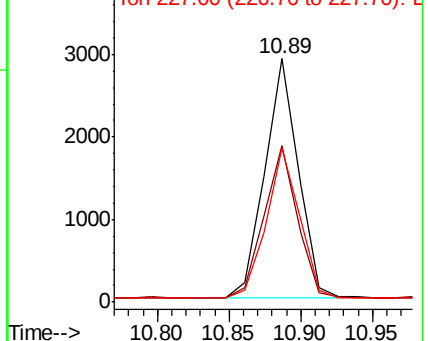
225 100

223 62.8 49.9 74.9

227 61.5 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

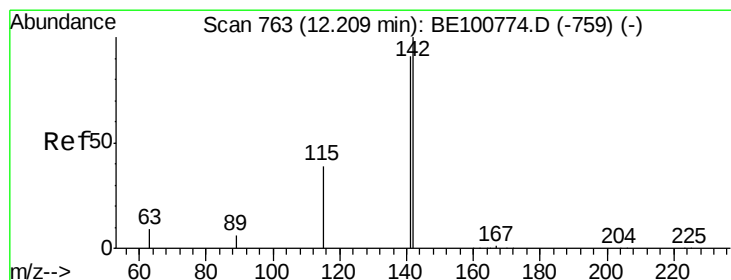
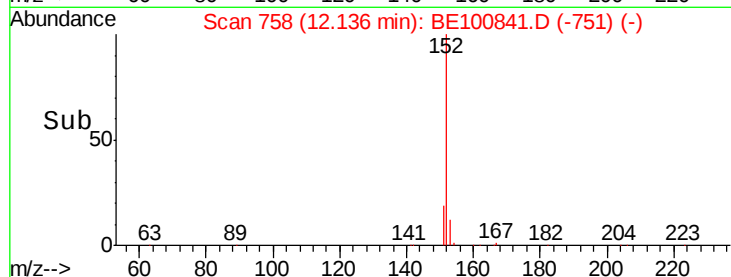
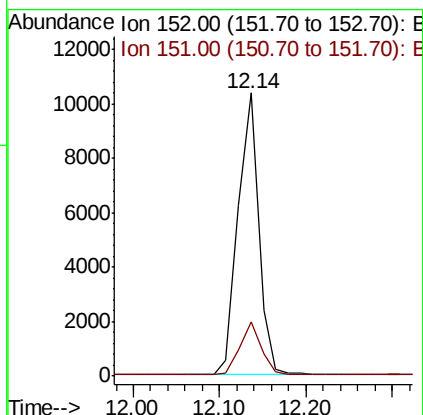
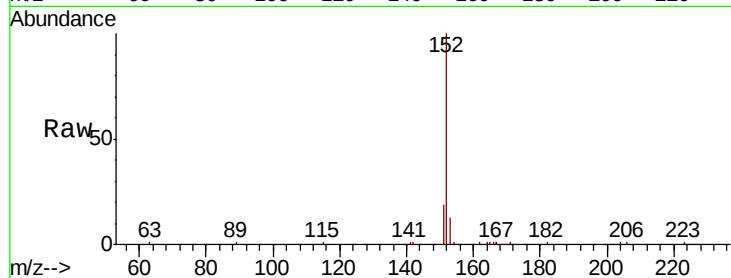




#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

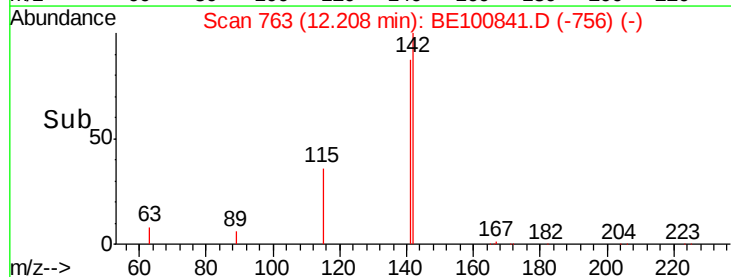
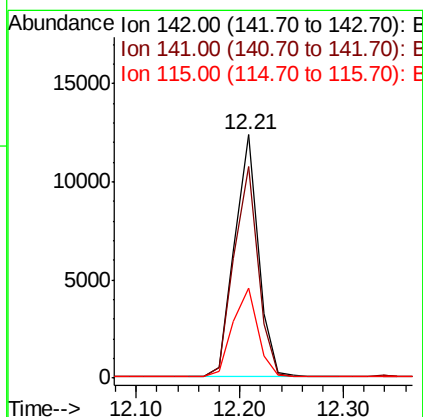
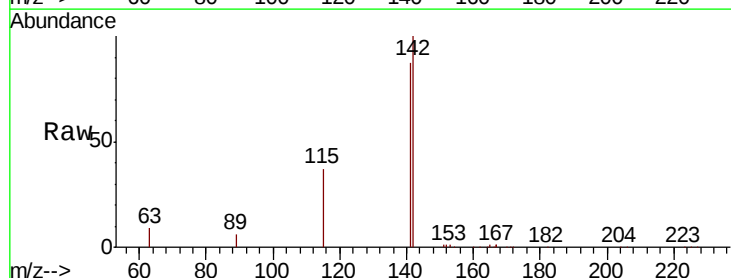
Instrument :
BNA_E
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SSTDCCC0.4

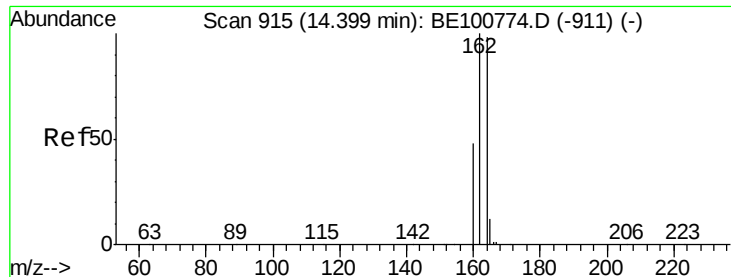
Tot Ion:152 Resp: 17117
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Tgt Ion:142 Resp: 19754
Ion Ratio Lower Upper
142 100
141 87.2 72.6 108.8
115 36.7 31.8 47.6

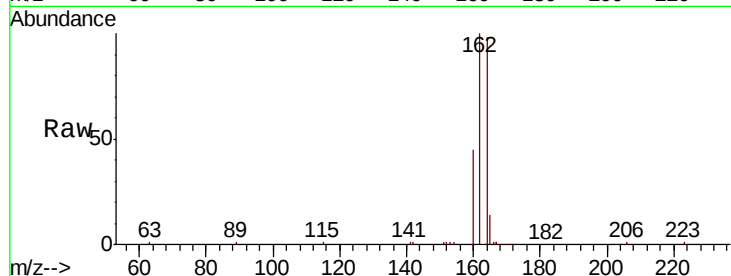




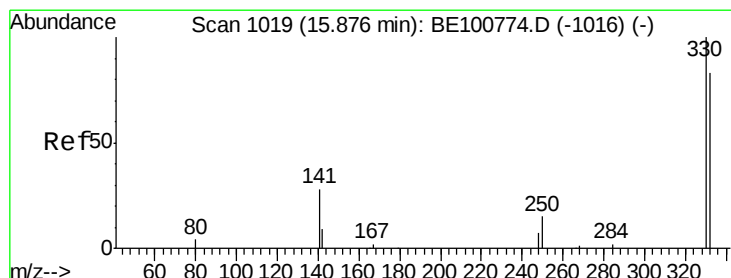
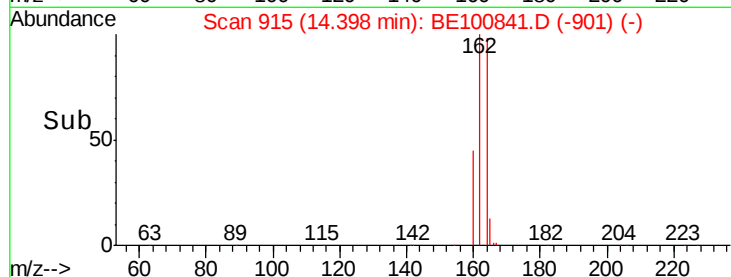
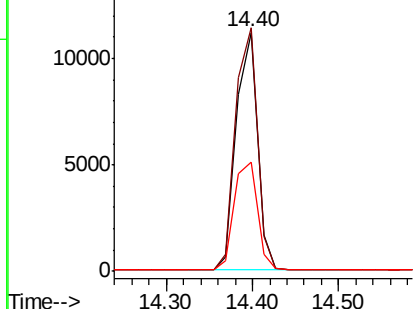
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 18801
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.8 39.4 59.0

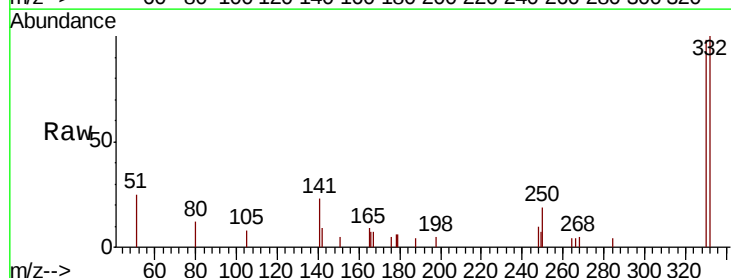


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

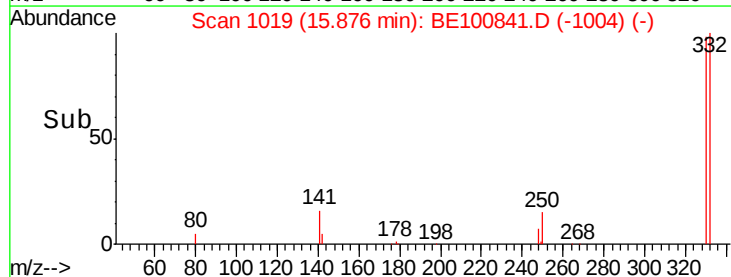
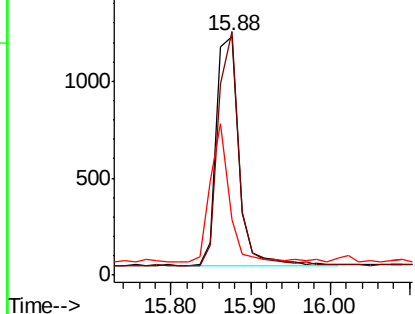


#14
2,4,6-Tribromophenol
Concen: 1.130 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Tgt Ion:330 Resp: 2362
Ion Ratio Lower Upper
330 100
332 93.1 69.4 104.2
141 50.2 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

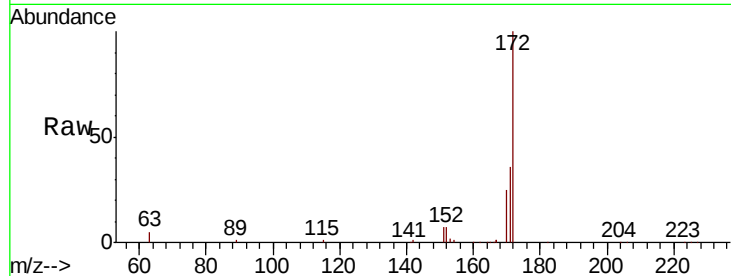




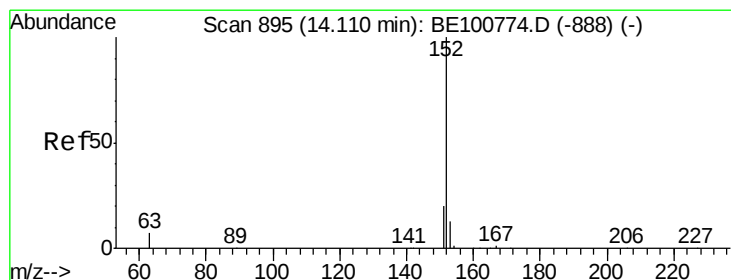
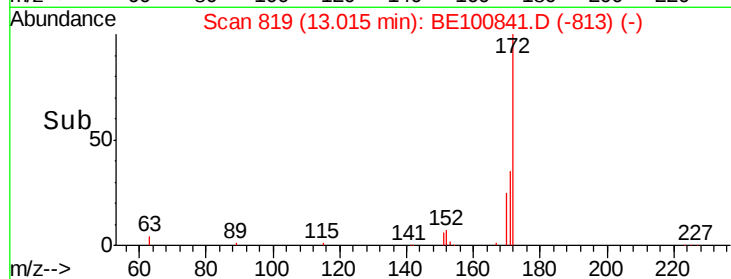
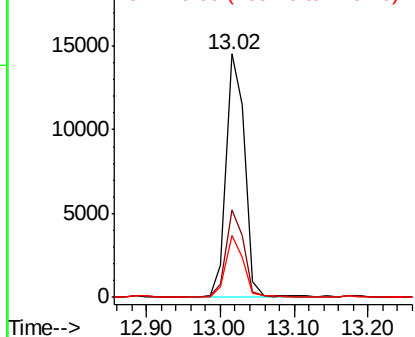
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 24949
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 25.2 18.0 27.0

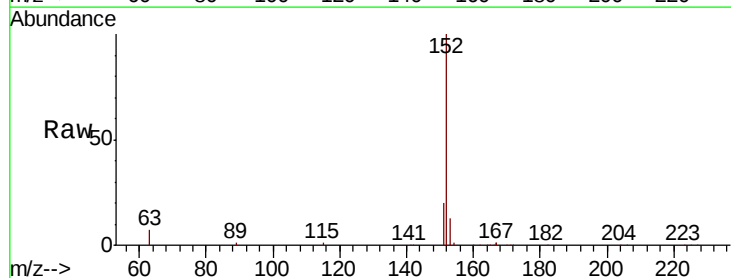


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

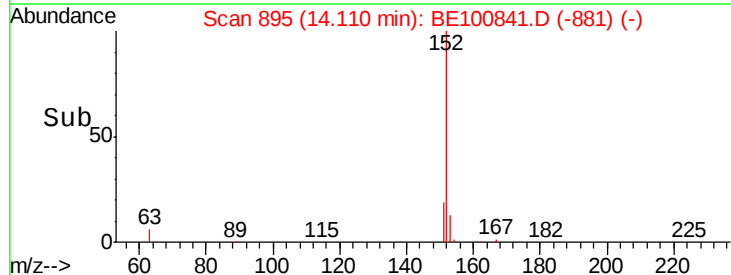
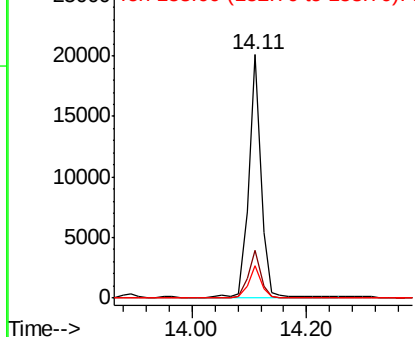


#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Tgt Ion:152 Resp: 29274
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.0 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

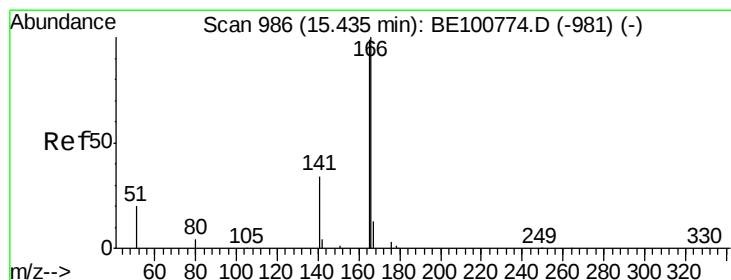
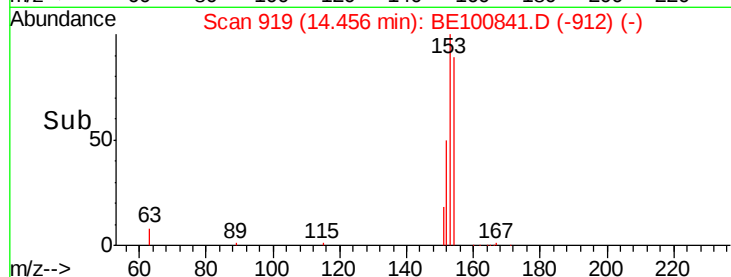
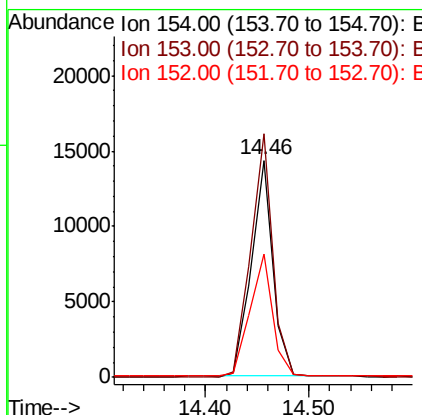
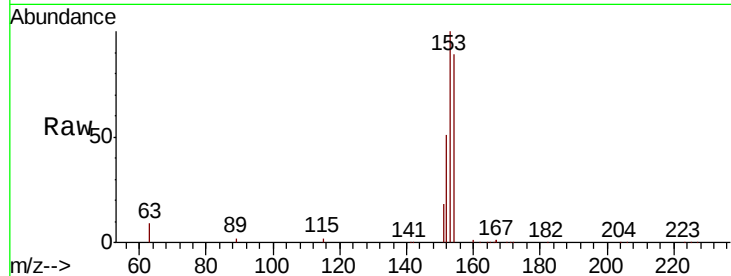




#17
Acenaphthene
Concen: 0.389 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

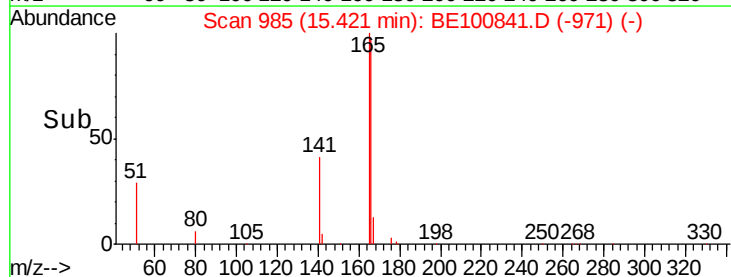
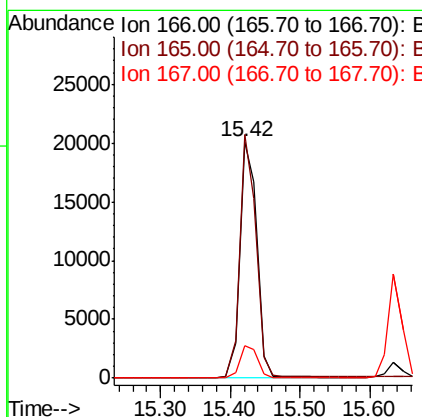
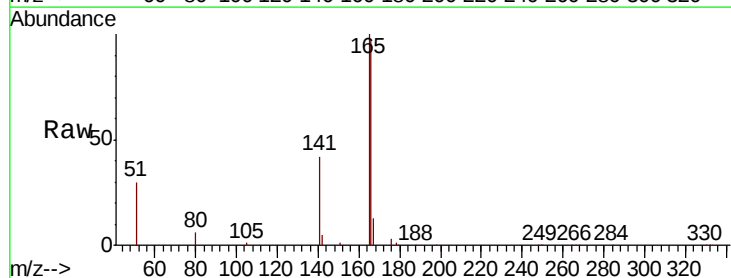
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 20858
Ion Ratio Lower Upper
154 100
153 113.6 92.2 138.2
152 58.9 49.1 73.7



#18
Fluorene
Concen: 0.487 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.01 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Tgt Ion:166 Resp: 33631
Ion Ratio Lower Upper
166 100
165 98.2 80.5 120.7
167 13.8 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

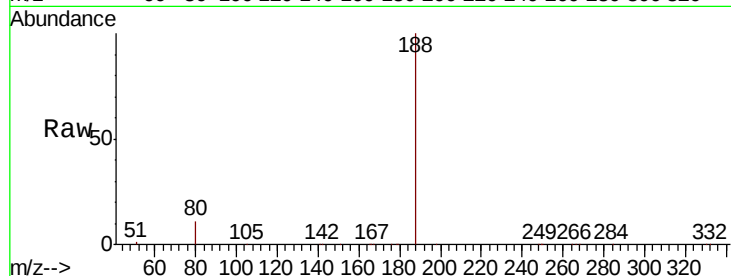
Tot Ion:188 Resp: 68503

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

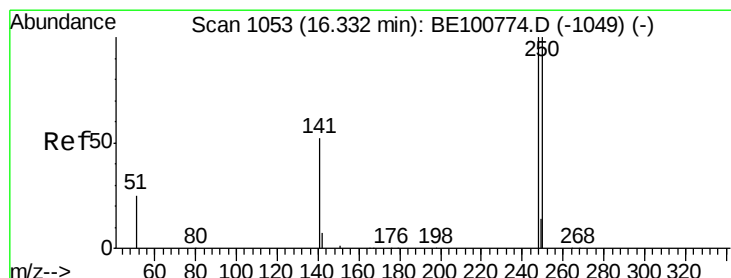
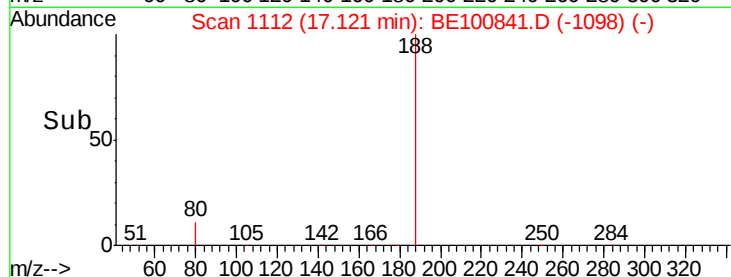
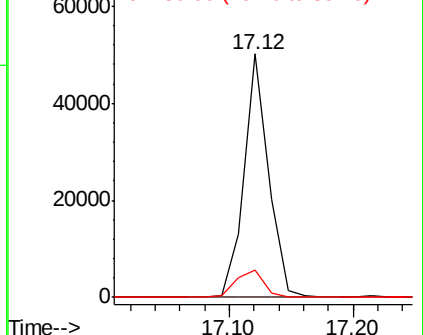
80 11.0 5.2 7.8#



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: 0.350 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

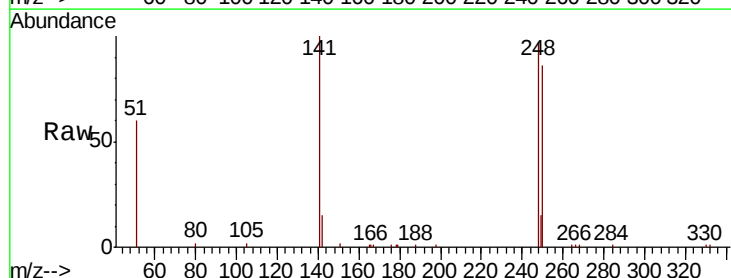
Tgt Ion:248 Resp: 11756

Ion Ratio Lower Upper

248 100

250 88.7 80.5 120.7

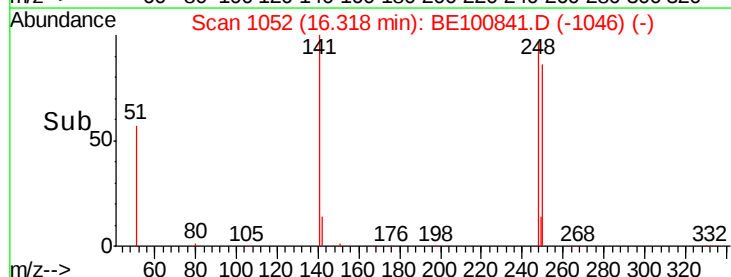
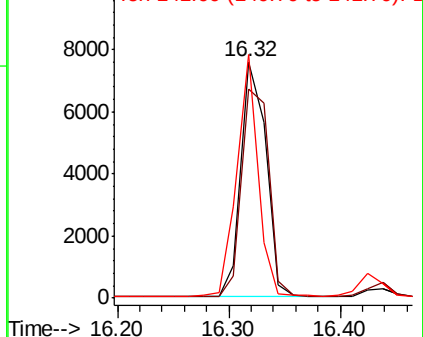
141 103.1 42.6 64.0#



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

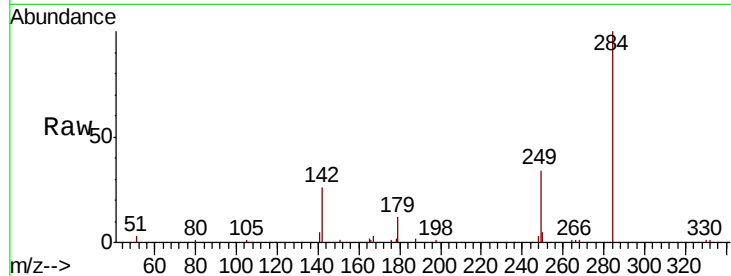




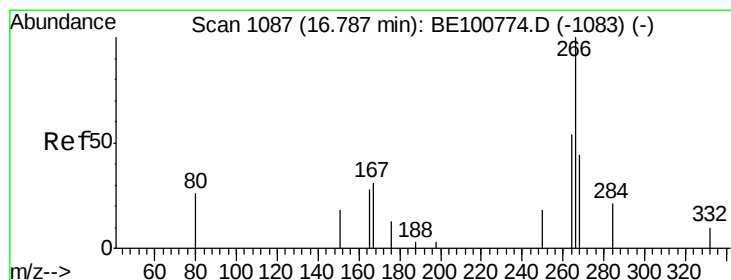
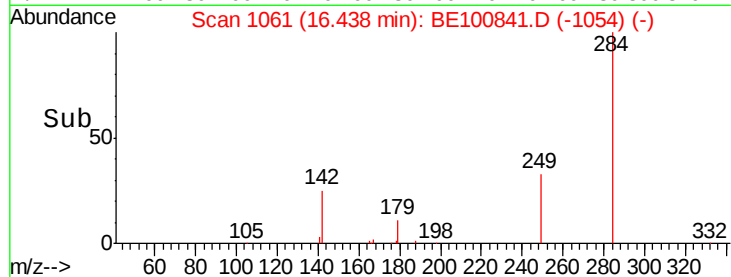
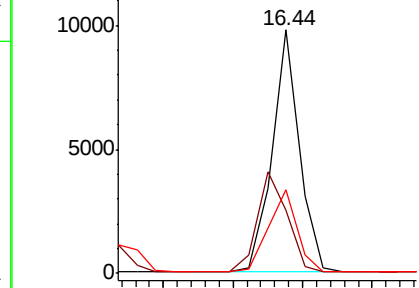
#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 13279
Ion Ratio Lower Upper
284 100
142 45.1 34.4 51.6
249 35.3 28.5 42.7

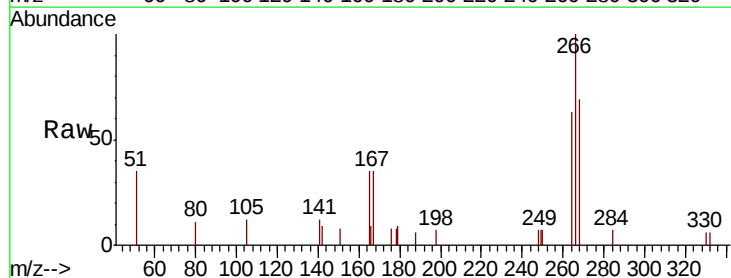


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

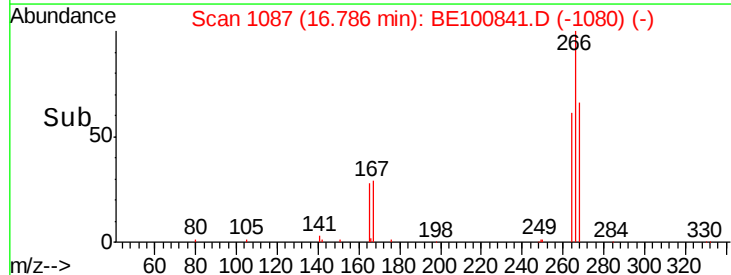
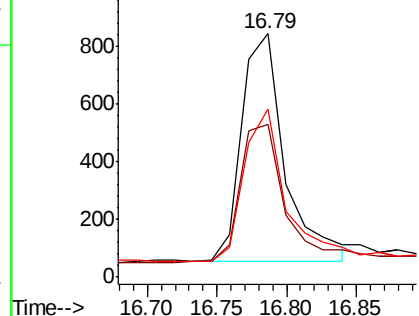


#22
Pentachlorophenol
Concen: 0.671 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Tgt Ion:266 Resp: 1694
Ion Ratio Lower Upper
266 100
264 62.7 63.4 95.0#
268 69.0 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: 0.379 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

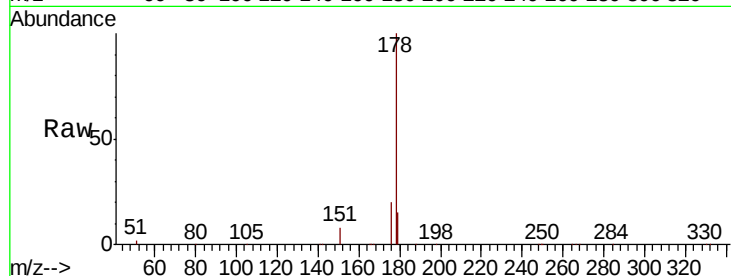
Tot Ion:178 Resp: 78676

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

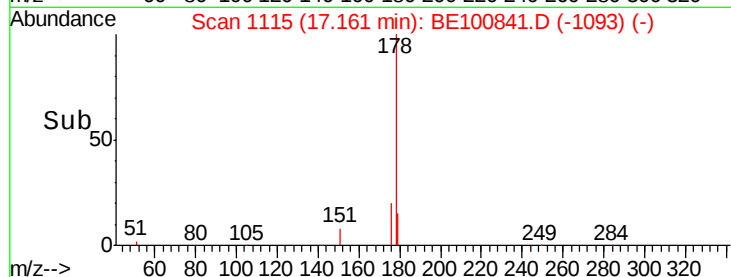
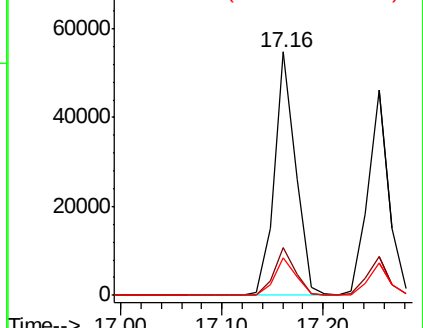
179 15.4 12.3 18.5



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: 0.382 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

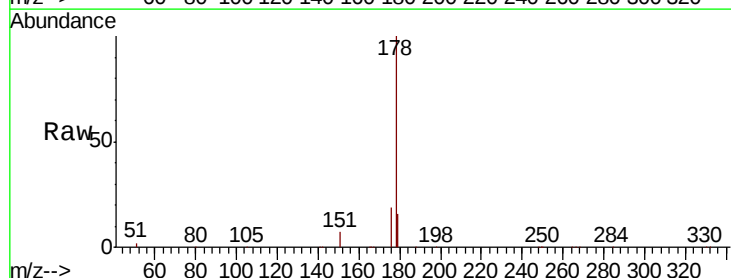
Tgt Ion:178 Resp: 66309

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

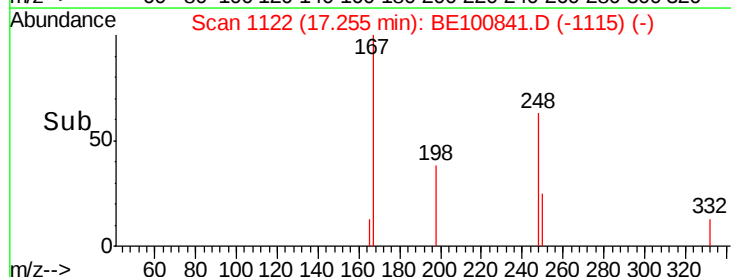
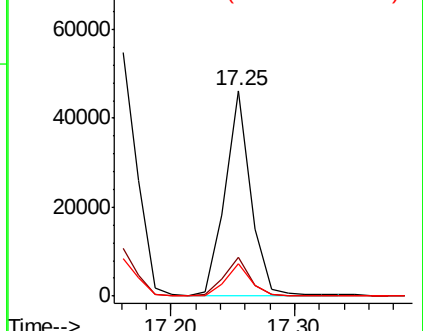
179 15.5 12.7 19.1

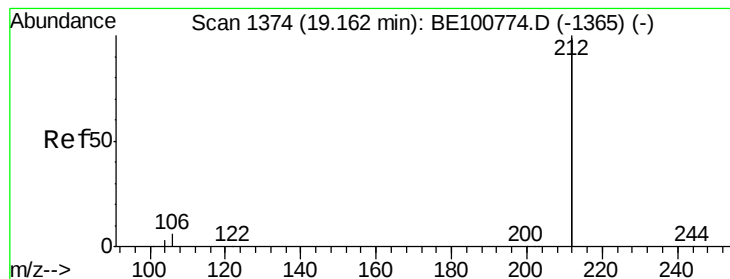


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

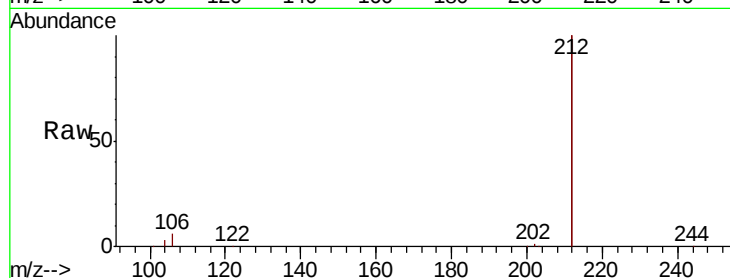
Tot Ion:212 Resp: 289365

Ion Ratio Lower Upper

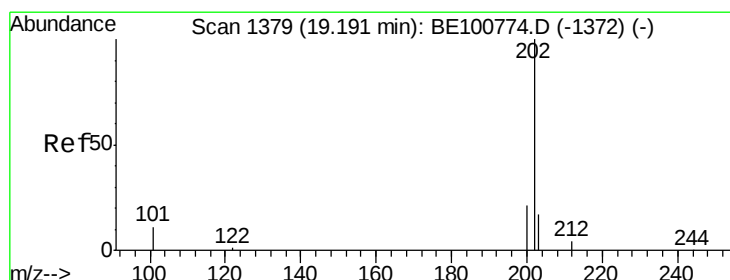
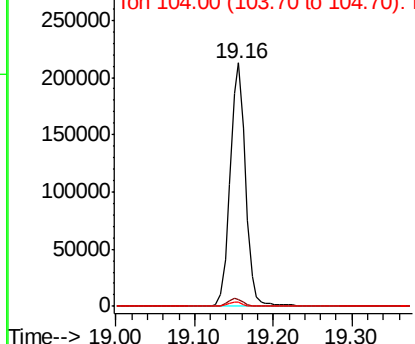
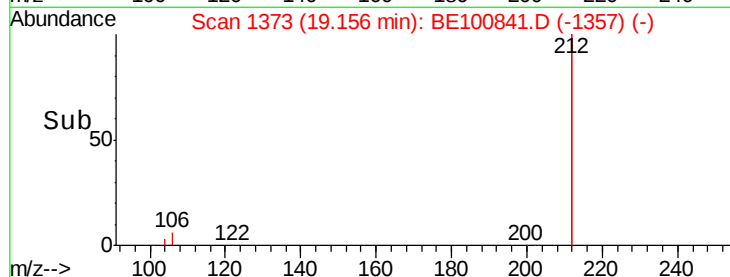
212 100

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: 0.363 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

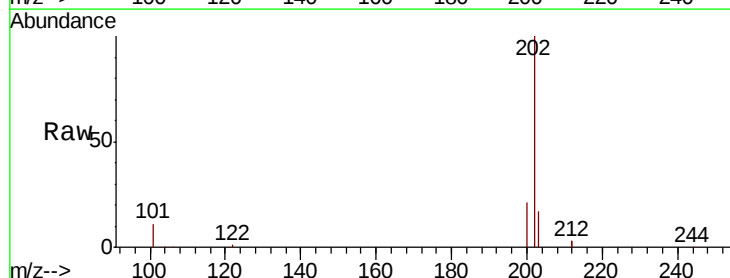
Tgt Ion:202 Resp: 90004

Ion Ratio Lower Upper

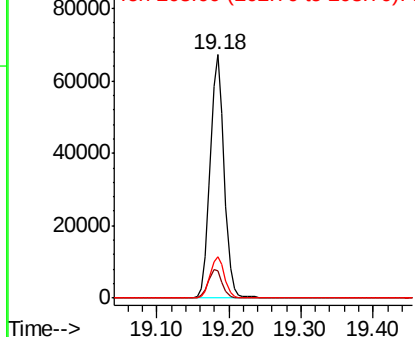
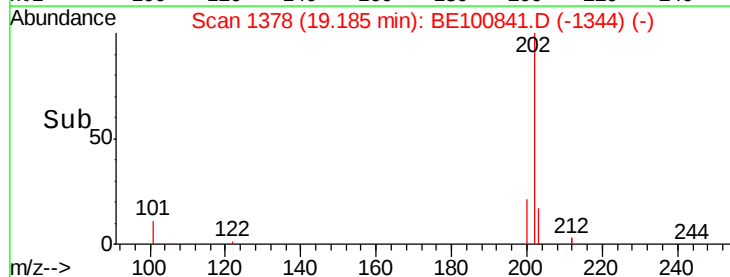
202 100

101 11.8 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

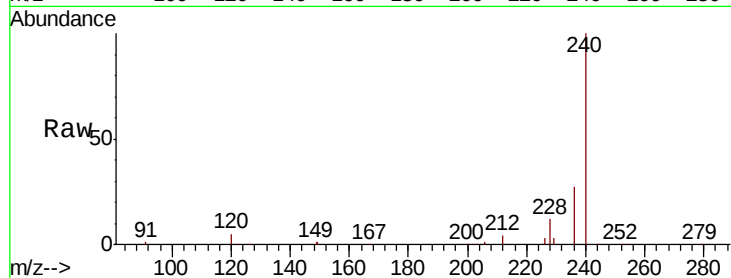




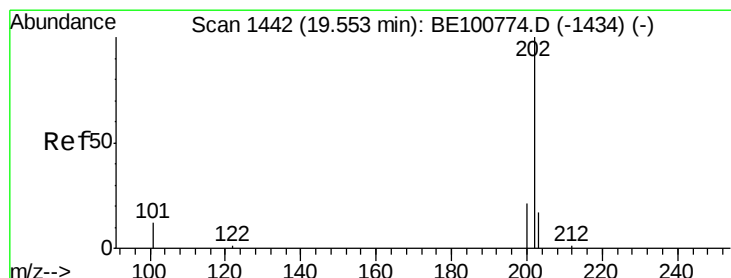
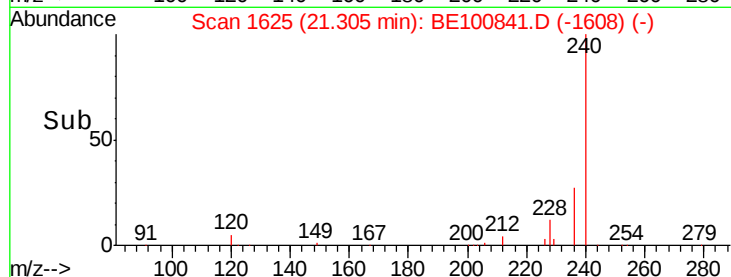
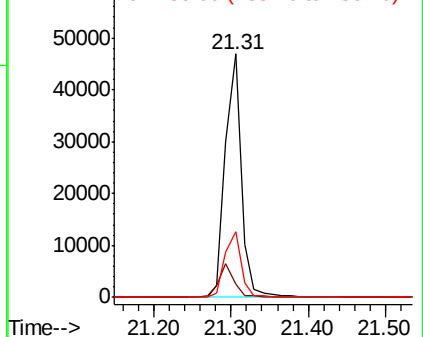
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 67121
Ion Ratio Lower Upper
240 100
120 5.4 10.2 15.2#
236 26.9 22.3 33.5

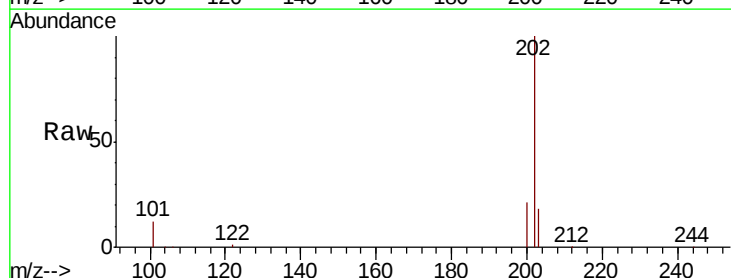


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

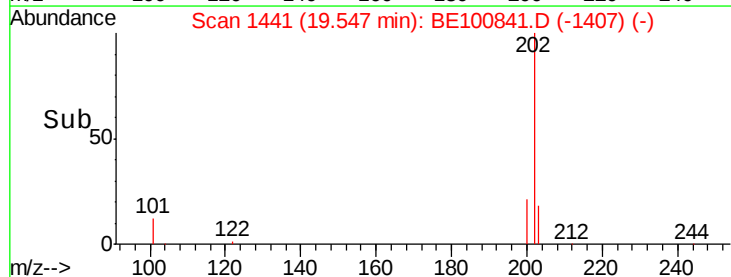
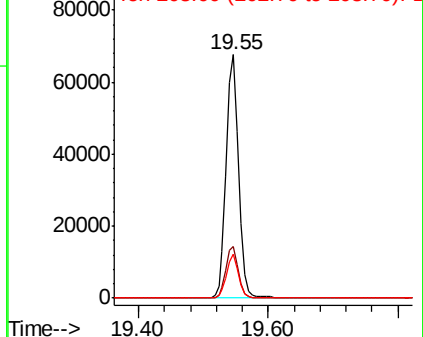


#28
Pyrene
Concen: 0.407 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Tgt Ion:202 Resp: 88659
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.6 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: 0.392 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

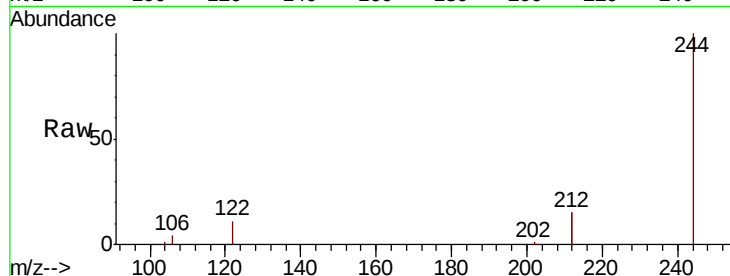
Tot Ion:244 Resp: 63071

Ion Ratio Lower Upper

244 100

212 30.5 26.2 39.4

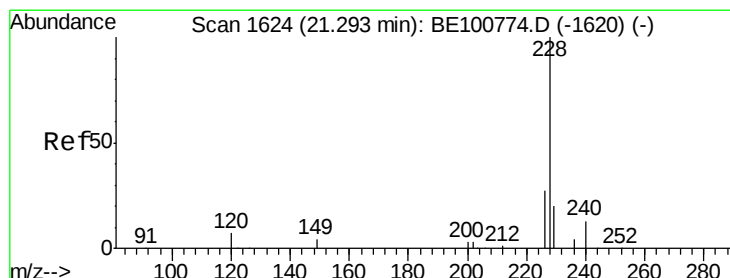
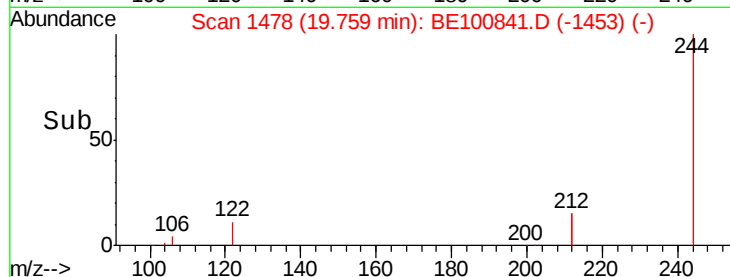
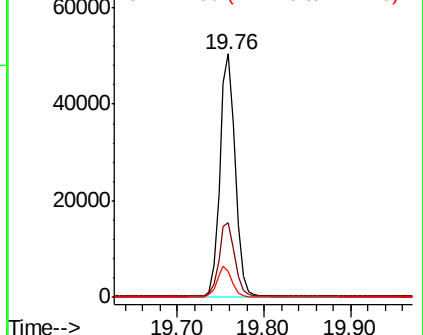
122 10.8 10.2 15.4



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: 0.421 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

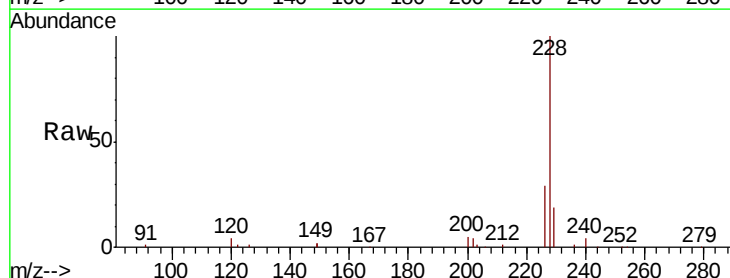
Tgt Ion:228 Resp: 83331

Ion Ratio Lower Upper

228 100

226 28.6 21.5 32.3

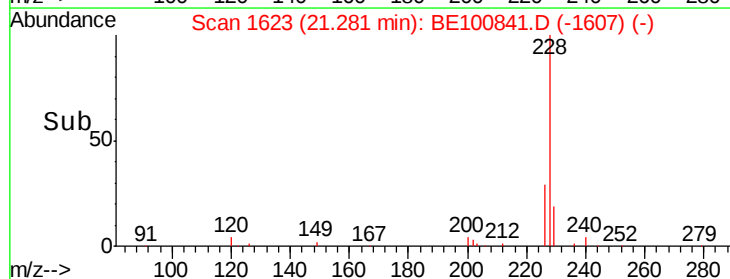
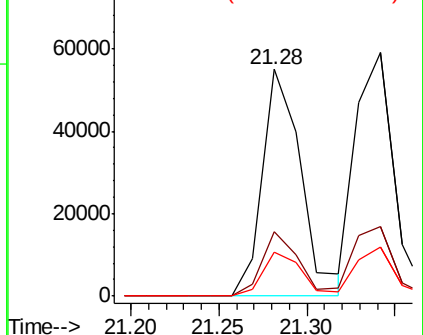
229 19.3 16.0 24.0



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

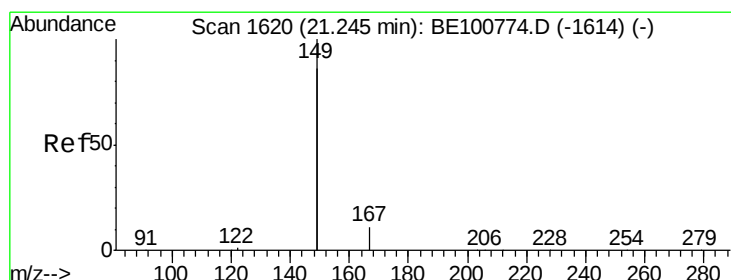
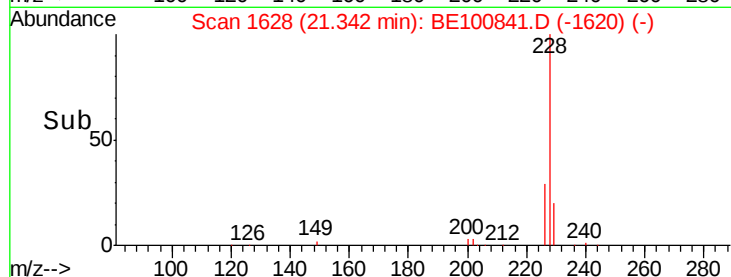
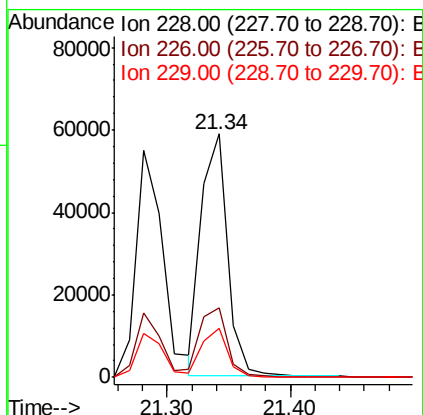
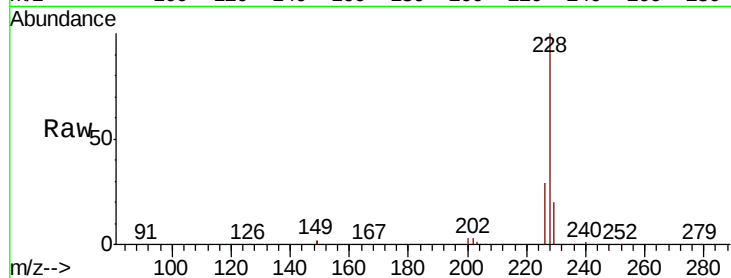




#31
Chrysene
Concen: 0.376 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

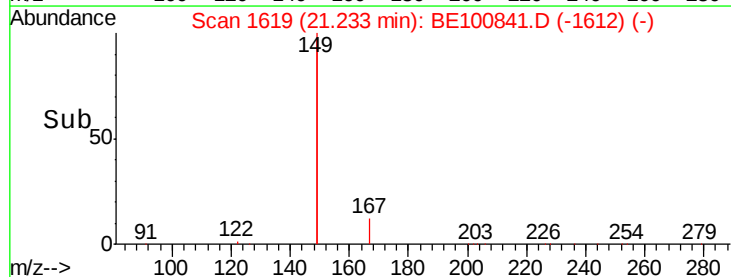
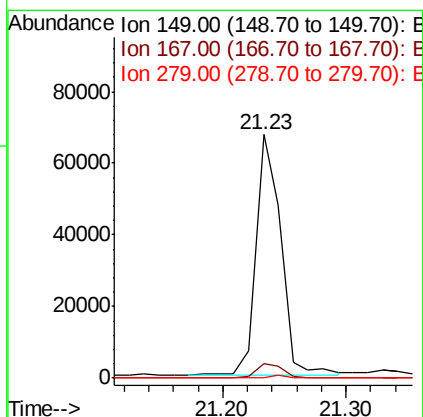
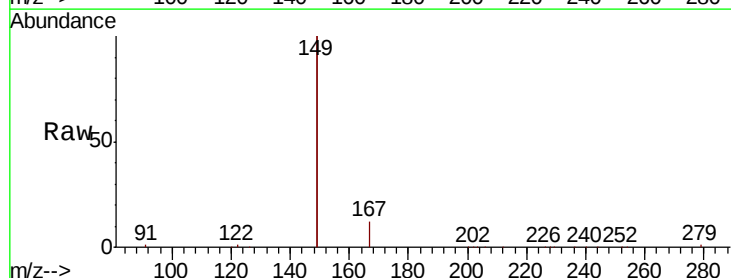
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:228 Resp: 87517
Ion Ratio Lower Upper
228 100
226 28.8 25.0 37.4
229 20.2 15.4 23.2



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.655 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100841.D
Acq: 11 Dec 2019 10:20

Tgt Ion:149 Resp: 92542
Ion Ratio Lower Upper
149 100
167 6.3 5.0 7.6
279 0.8 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.456 ng

RT: 26.32 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

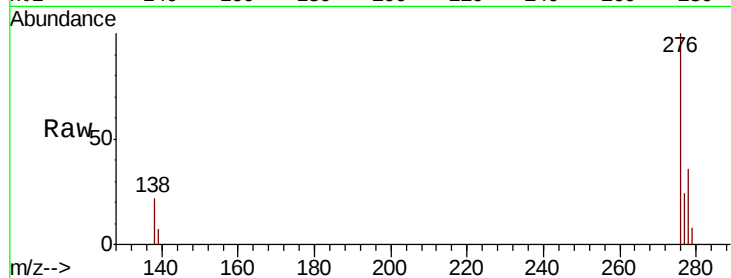
Tot Ion:276 Resp: 92445

Ion Ratio Lower Upper

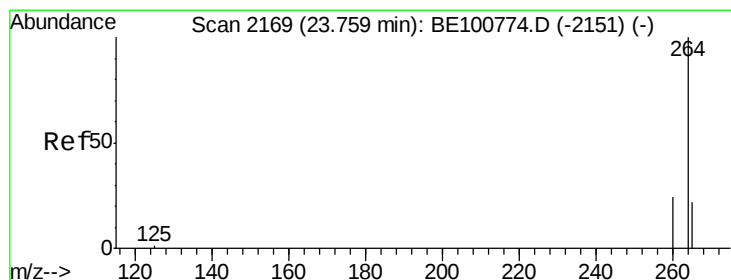
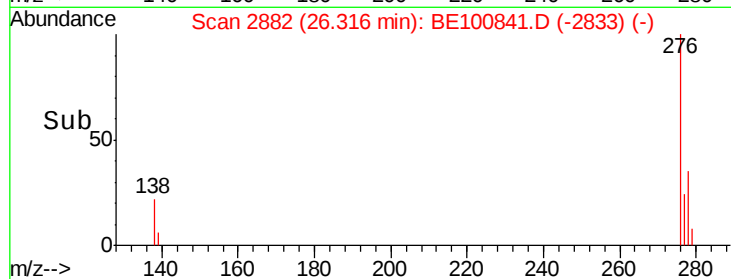
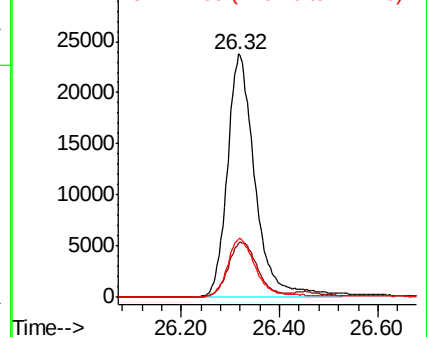
276 100

138 23.5 19.4 29.0

277 24.2 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# 2165

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

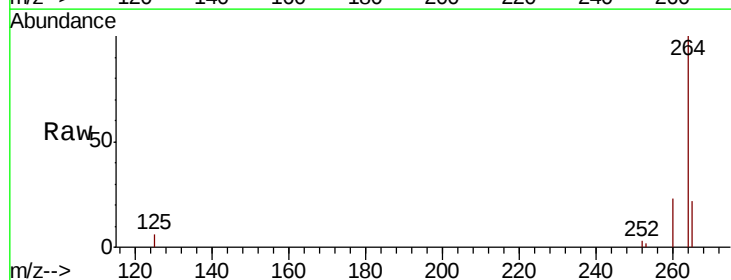
Tgt Ion:264 Resp: 83747

Ion Ratio Lower Upper

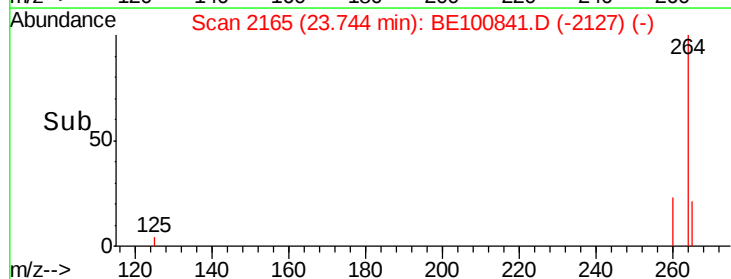
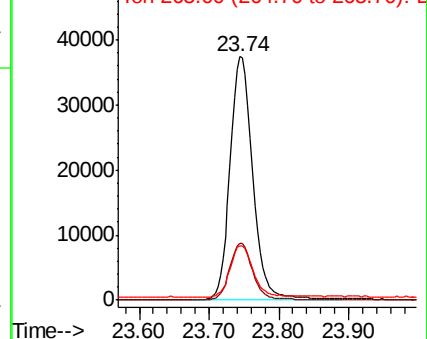
264 100

260 23.2 19.4 29.2

265 22.3 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: 0.347 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

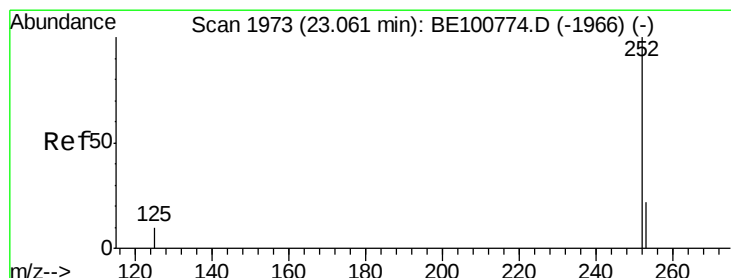
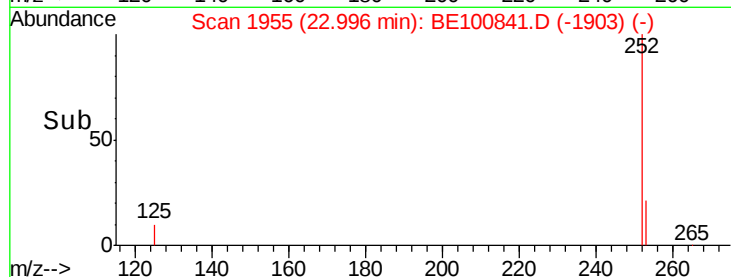
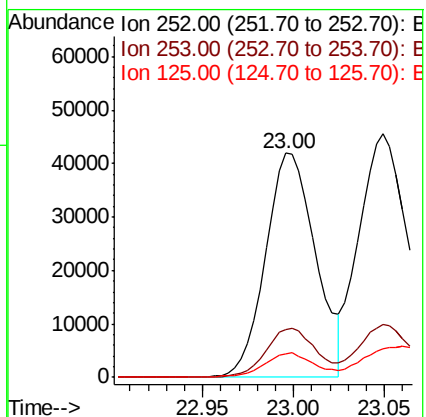
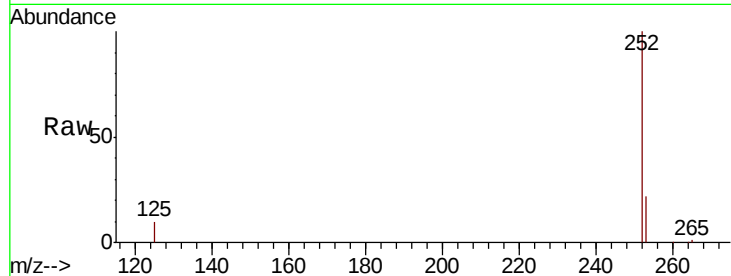
Tot Ion:252 Resp: 79640

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 10.4 9.0 13.4



#36

Benzo(k)fluoranthene

Concen: 0.358 ng

RT: 23.05 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

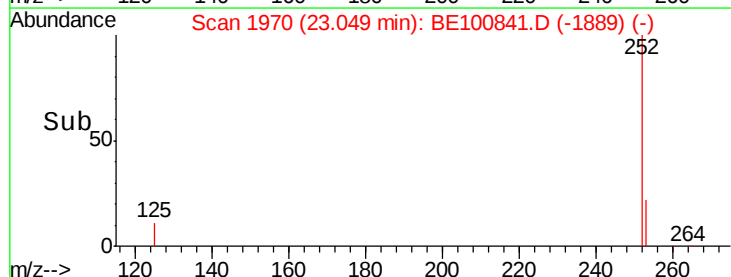
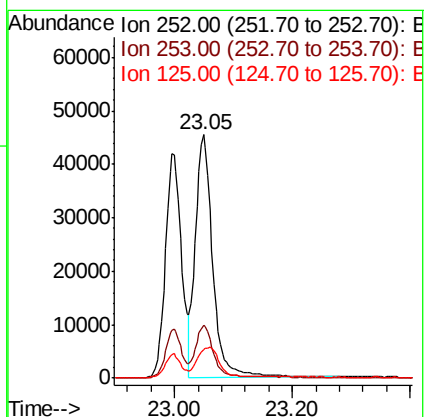
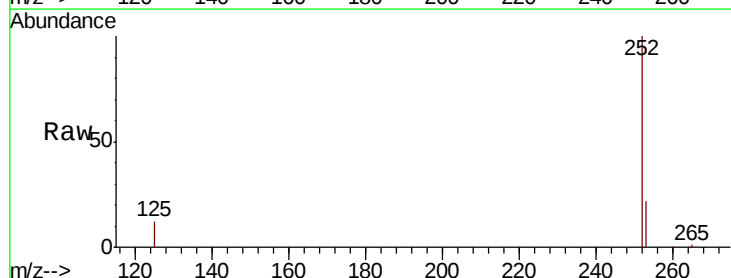
Tgt Ion:252 Resp: 92150

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 11.7 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.354 ng

RT: 23.63 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

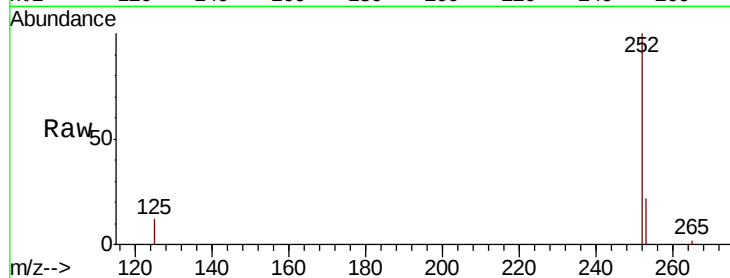
Tot Ion:252 Resp: 70184

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

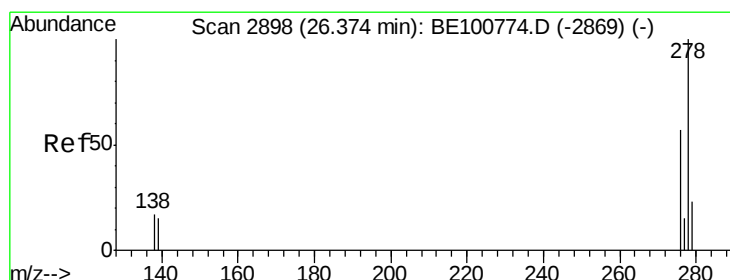
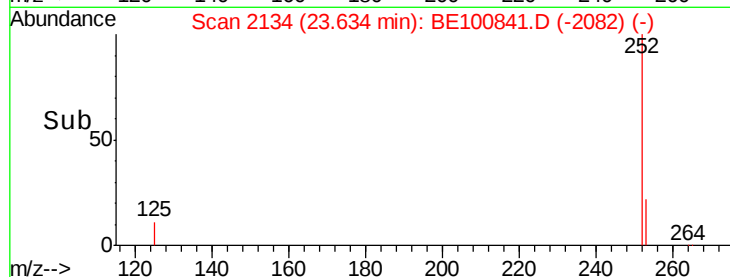
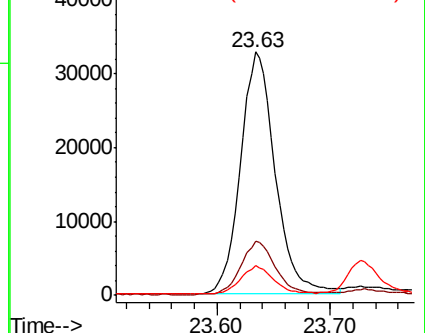
125 12.0 10.4 15.6



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: 0.380 ng

RT: 26.34 min Scan# 2890

Delta R.T. -0.03 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

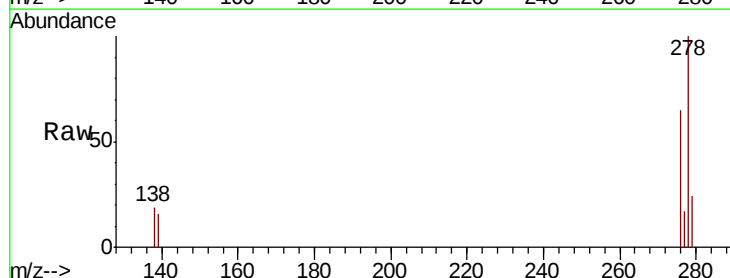
Tgt Ion:278 Resp: 75112

Ion Ratio Lower Upper

278 100

139 16.4 13.0 19.4

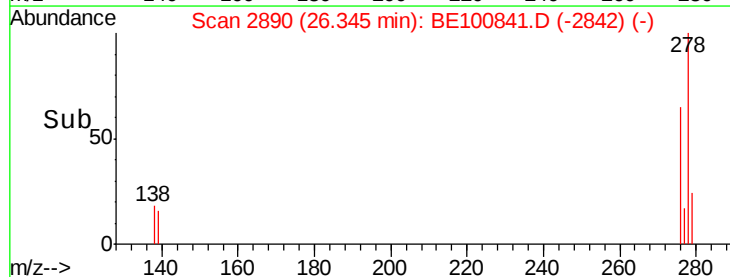
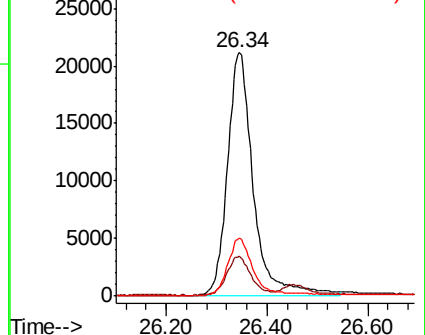
279 24.0 19.6 29.4



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: 0.369 ng

RT: 27.10 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BE100841.D

Acq: 11 Dec 2019 10:20

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

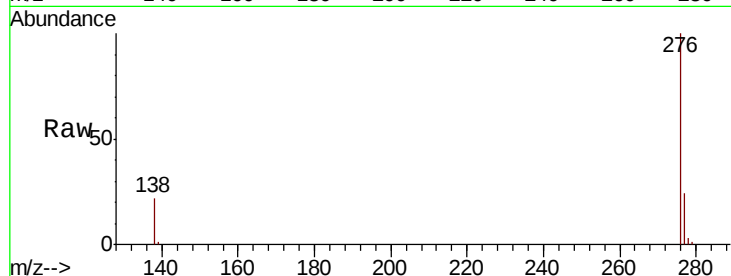
Tot Ion: 276 Resp: 78021

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 21.6 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

