

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100930.D
 Acq On : 16 Dec 2019 22:34
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 17 06:19:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4494	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20516	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11762	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	26942	0.40	ng	0.00
27) Chrysene-d12	21.29	240	21700	0.40	ng	-0.01
34) Perylene-d12	23.74	264	25089	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	4924	0.46	ng	-0.01
5) Phenol-d6	6.93	99	7293	0.45	ng	0.00
8) Nitrobenzene-d5	8.90	82	5453	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	13013	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	881	0.67	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	18530	0.40	ng	0.00
25) Fluoranthene-d10	19.15	212	108792	0.34	ng	0.00
29) Terphenyl-d14	19.75	244	22445	0.43	ng	0.00

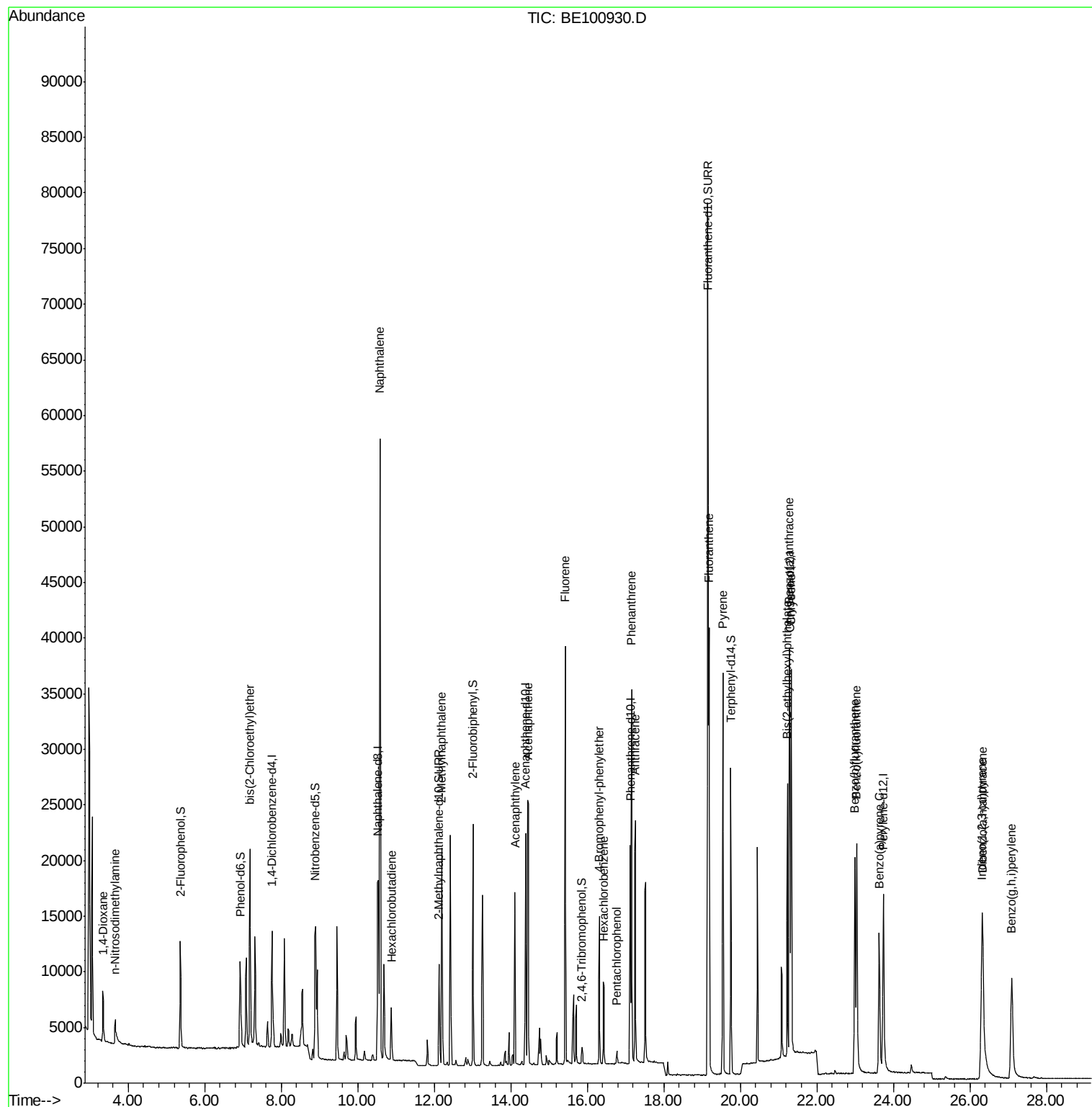
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	3823	0.467	ng	98
3) n-Nitrosodimethylamine	3.66	42	2566	0.385	ng	94
6) bis(2-Chloroethyl)ether	7.18	93	6764	0.435	ng	98
9) Naphthalene	10.57	128	95514	0.438	ng	100
10) Hexachlorobutadiene	10.89	225	3628	0.427	ng	98
12) 2-Methylnaphthalene	12.20	142	14976	0.440	ng	92
16) Acenaphthylene	14.11	152	20752	0.427	ng	99
17) Acenaphthene	14.46	154	14646	0.437	ng	100
18) Fluorene	15.42	166	18988	0.439	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	5497	0.416	ng	# 83
21) Hexachlorobenzene	16.44	284	6252	0.435	ng	99
22) Pentachlorophenol	16.77	266	674	0.679	ng	97
23) Phenanthrene	17.16	178	34359	0.421	ng	100
24) Anthracene	17.26	178	26700	0.391	ng	99
26) Fluoranthene	19.18	202	35086	0.360	ng	100
28) Pyrene	19.54	202	33884	0.481	ng	99
30) Benzo(a)anthracene	21.28	228	27790	0.434	ng	99
31) Chrysene	21.33	228	33985	0.452	ng	99
32) Bis(2-ethylhexyl)phthalate	21.23	149	27232	0.601	ng	99
33) Indeno(1,2,3-cd)pyrene	26.31	276	28227	0.431	ng	98
35) Benzo(b)fluoranthene	22.99	252	27176	0.396	ng	99
36) Benzo(k)fluoranthene	23.04	252	32553	0.423	ng	98
37) Benzo(a)pyrene	23.63	252	22281	0.375	ng	100
38) Dibenzo(a,h)anthracene	26.34	278	22937	0.388	ng	99
39) Benzo(g,h,i)perylene	27.09	276	24953	0.394	ng	99

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

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BNA_E
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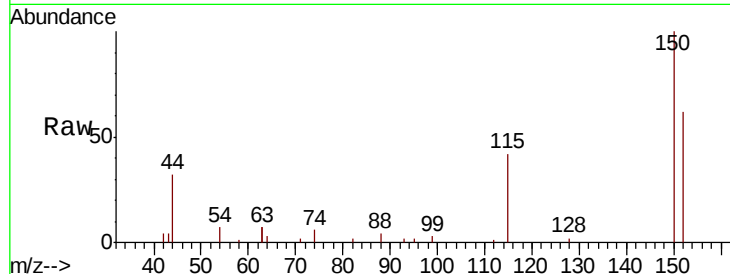




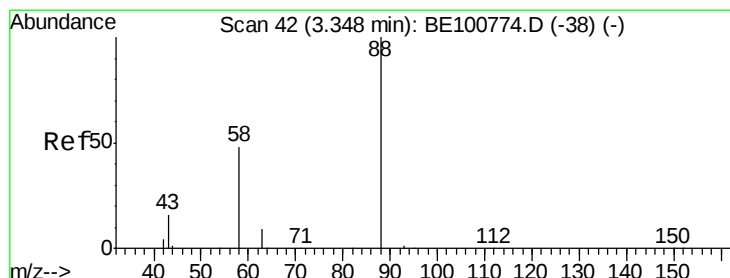
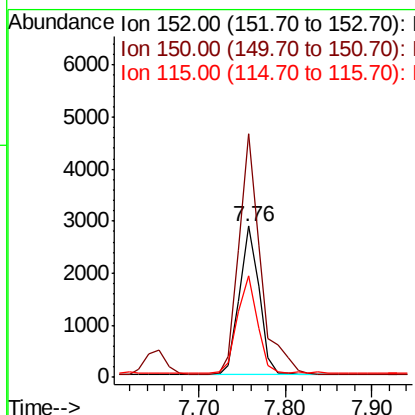
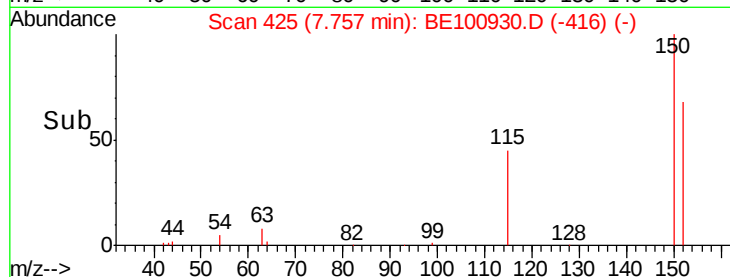
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BE100930.D
 Acq: 16 Dec 2019 22:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 4494
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.5 188.3
 115 67.0 55.7 83.5

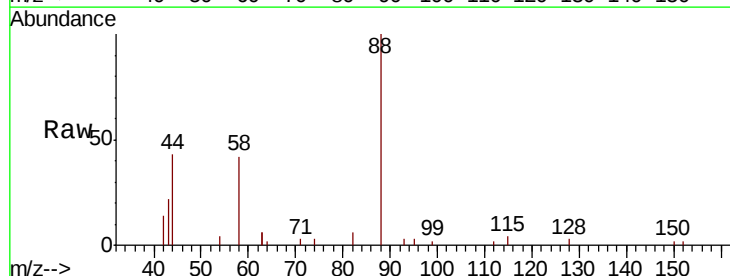


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

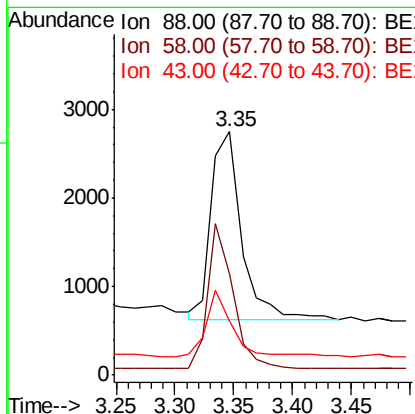
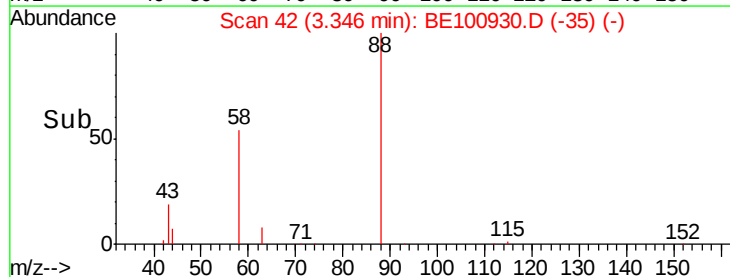


#2
 1,4-Dioxane
 Concen: 0.467 ng
 RT: 3.35 min Scan# 42
 Delta R.T. 0.01 min
 Lab File: BE100930.D
 Acq: 16 Dec 2019 22:34

Tgt Ion: 88 Resp: 3823
 Ion Ratio Lower Upper
 88 100
 58 63.3 52.3 78.5
 43 30.2 23.5 35.3



Abundance Ion 88.00 (87.70 to 88.70): BE1
 Ion 58.00 (57.70 to 58.70): BE1
 Ion 43.00 (42.70 to 43.70): BE1



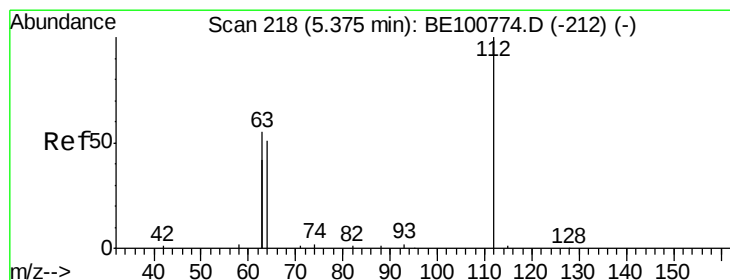
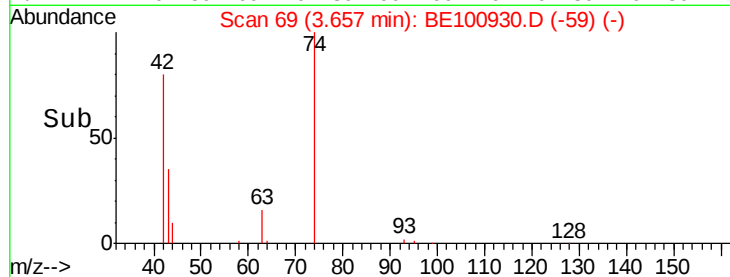
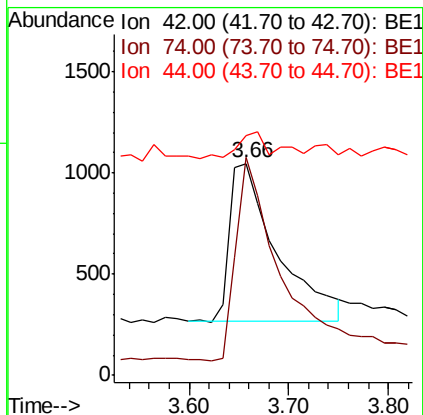
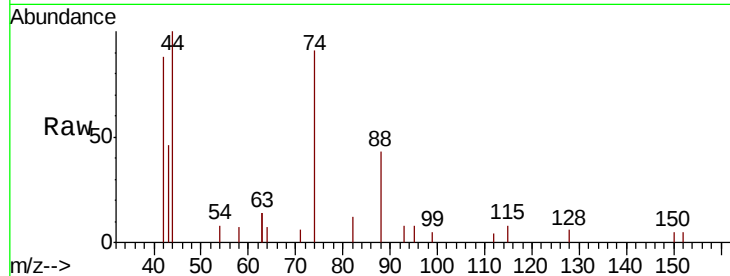


#3

n-Nitrosodimethylamine
 Concen: 0.385 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BE100930.D
 Acq: 16 Dec 2019 22:34

Instrument :
 BNA_E
 ClientSampleId :

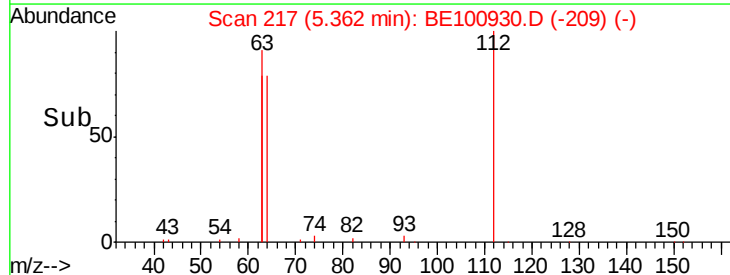
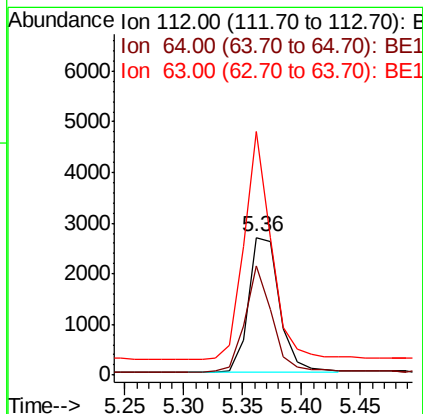
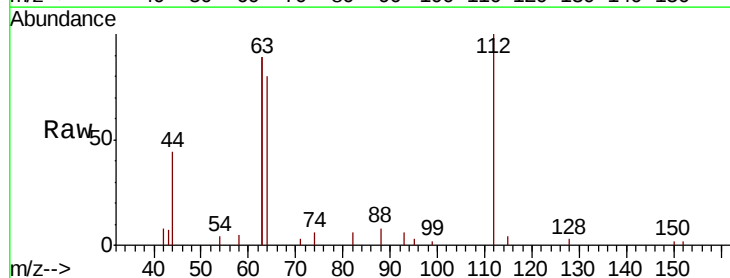
Tot Ion: 42 Resp: 2566
 Ion Ratio Lower Upper
 42 100
 74 119.5 90.3 135.5
 44 10.1 9.0 13.4



#4

2-Fluorophenol
 Concen: 0.462 ng
 RT: 5.36 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: BE100930.D
 Acq: 16 Dec 2019 22:34

Tgt Ion: 112 Resp: 4924
 Ion Ratio Lower Upper
 112 100
 64 68.4 54.5 81.7
 63 146.8 116.1 174.1





#5

Phenol-d6

Concen: 0.453 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

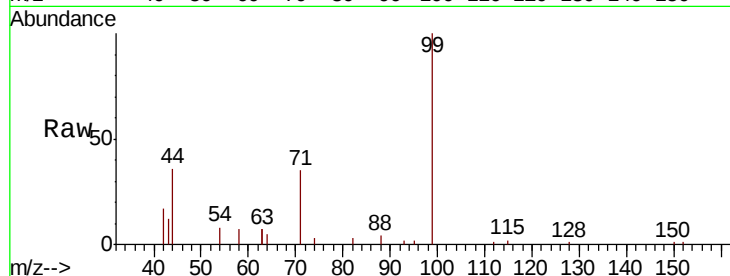
Tot Ion: 99 Resp: 7293

Ion Ratio Lower Upper

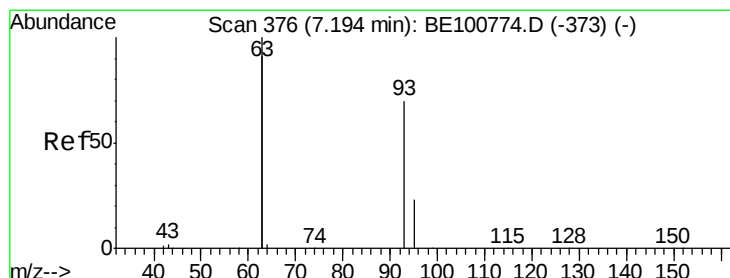
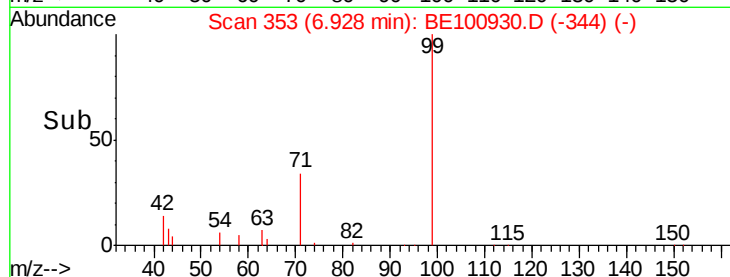
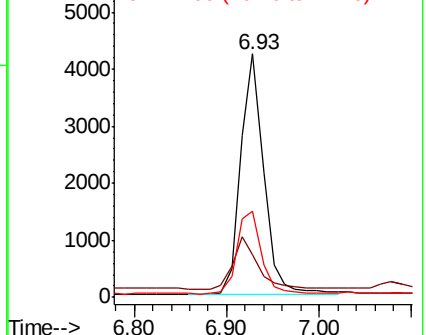
99 100

42 23.0 18.2 27.2

71 37.1 29.1 43.7



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



#6

bis(2-Chloroethyl)ether

Concen: 0.435 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

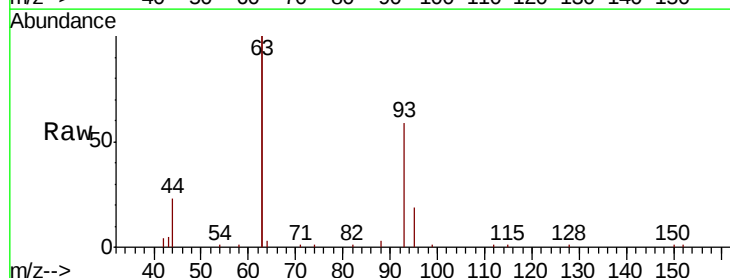
Tgt Ion: 93 Resp: 6764

Ion Ratio Lower Upper

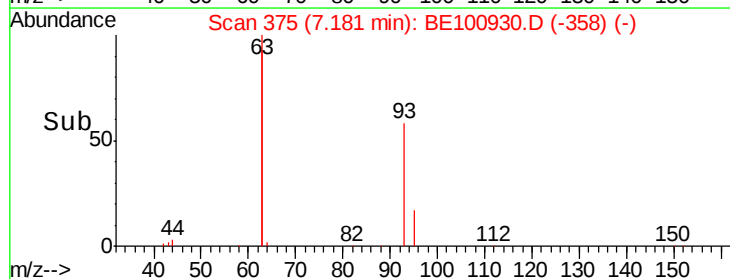
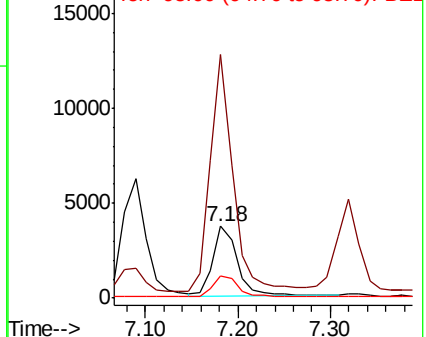
93 100

63 314.0 253.9 380.9

95 33.2 25.0 37.6



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 20516

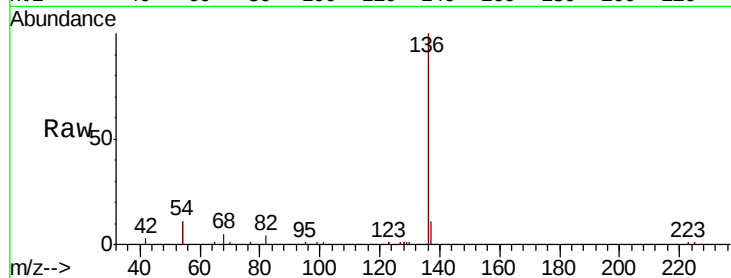
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 22.2 18.9 28.3

68 4.9 4.6 6.8

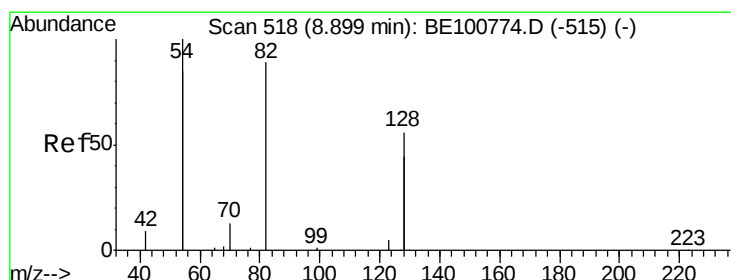
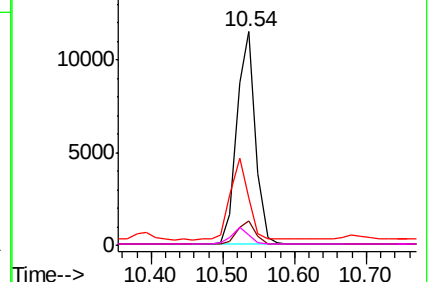
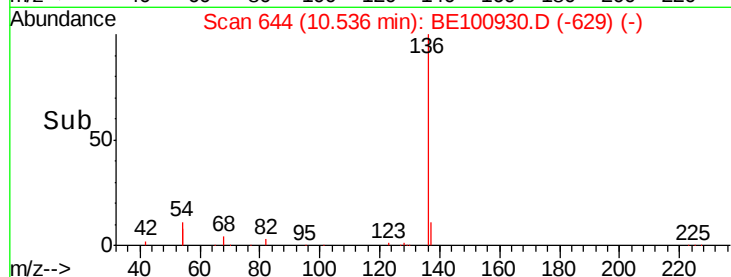


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.558 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

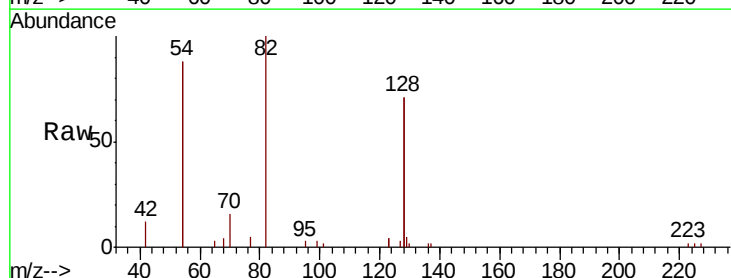
Tgt Ion: 82 Resp: 5453

Ion Ratio Lower Upper

82 100

128 141.0 113.5 170.3

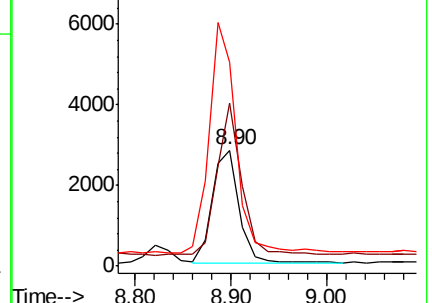
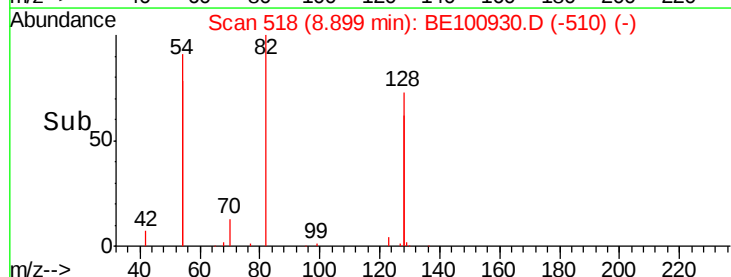
54 176.3 138.9 208.3

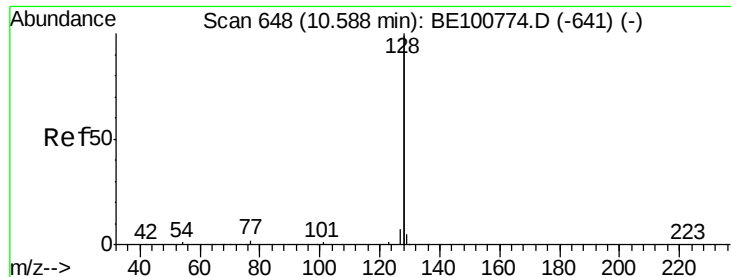


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.438 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

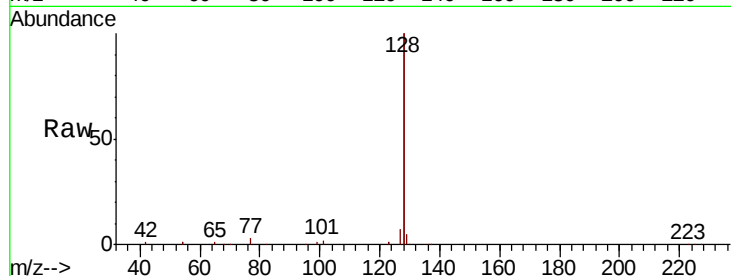
Tot Ion:128 Resp: 95514

Ion Ratio Lower Upper

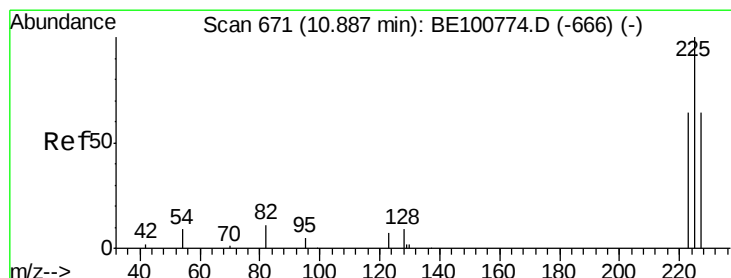
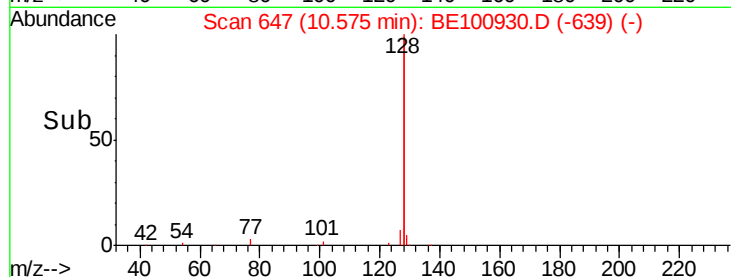
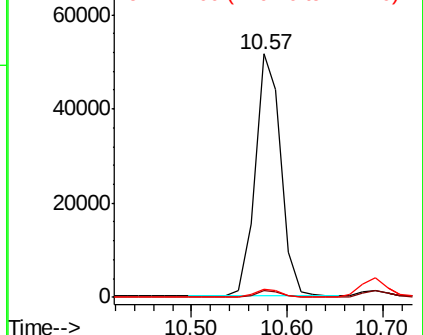
128 100

129 2.7 2.2 3.4

127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.427 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

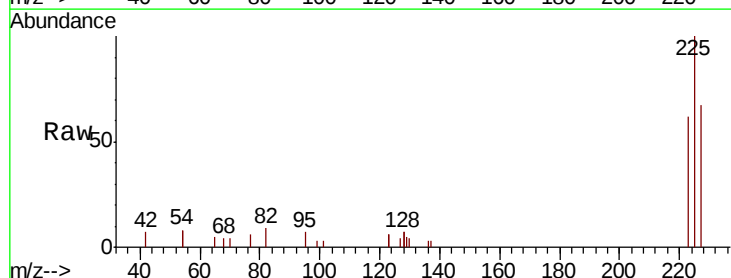
Tgt Ion:225 Resp: 3628

Ion Ratio Lower Upper

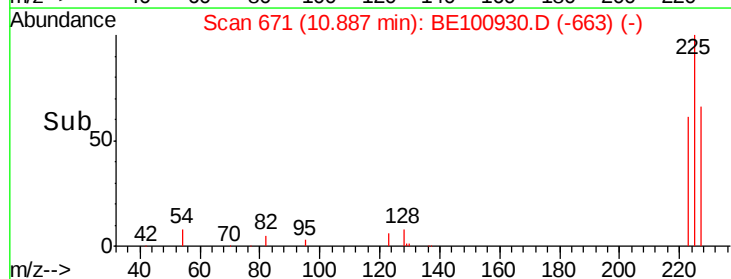
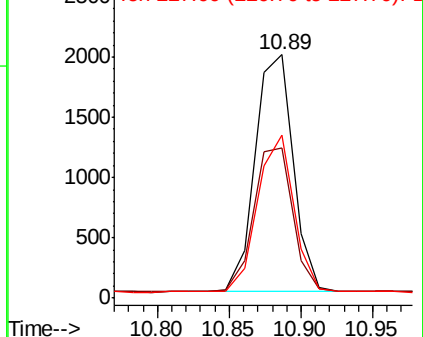
225 100

223 62.5 52.1 78.1

227 63.1 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

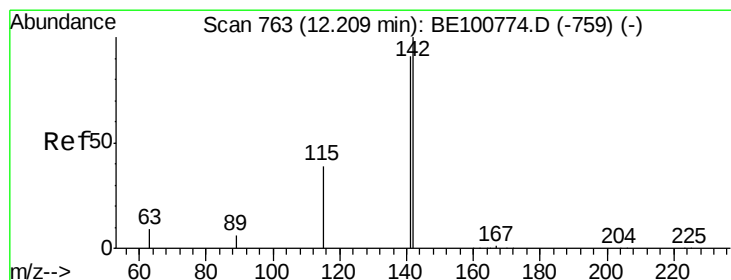
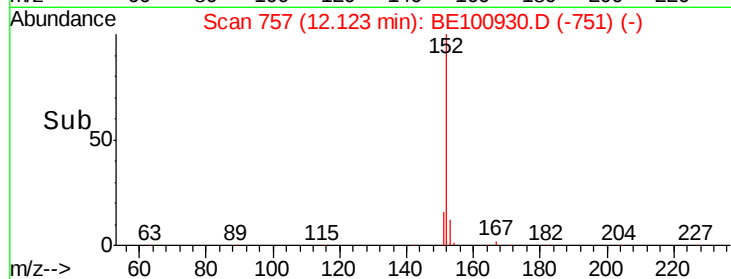
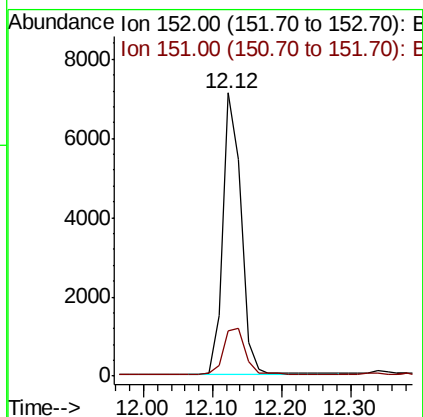
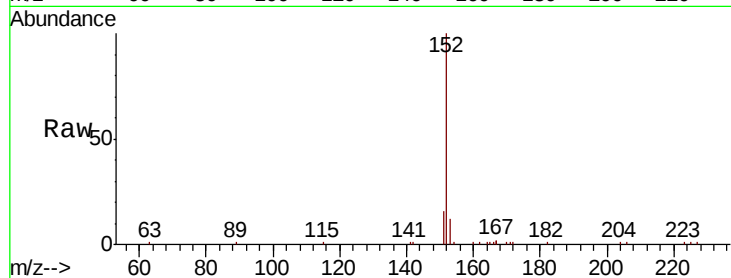




#11
 2-Methylnaphthalene-d10
 Concen: 0.438 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BE100930.D
 Acq: 16 Dec 2019 22:34

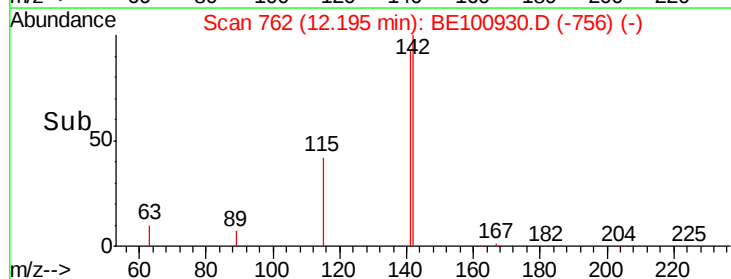
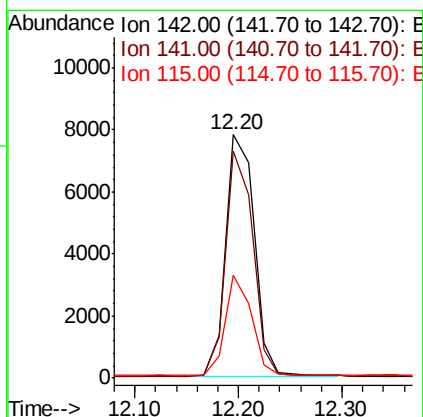
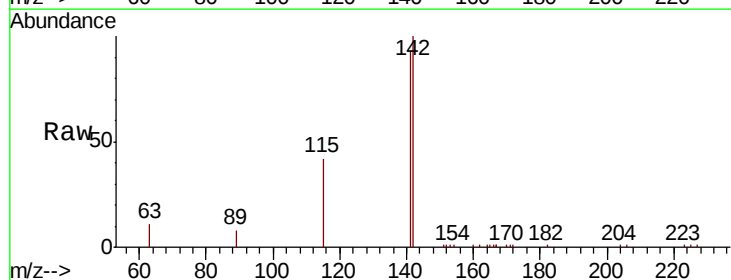
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 13013
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.440 ng
 RT: 12.20 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BE100930.D
 Acq: 16 Dec 2019 22:34

Tgt Ion:142 Resp: 14976
 Ion Ratio Lower Upper
 142 100
 141 93.1 68.9 103.3
 115 42.2 29.5 44.3

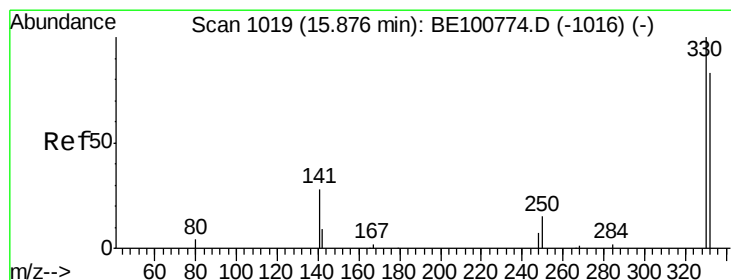
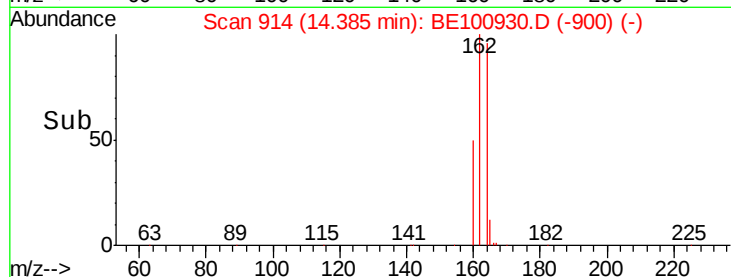
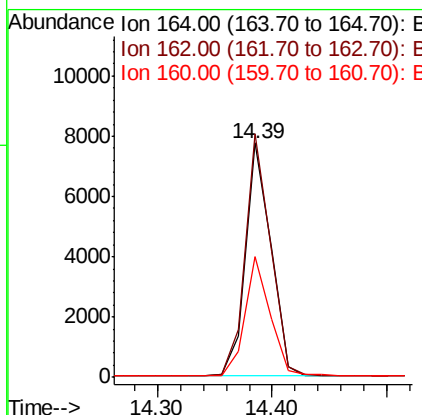
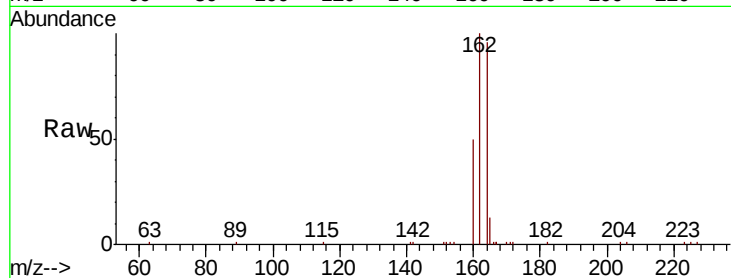




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

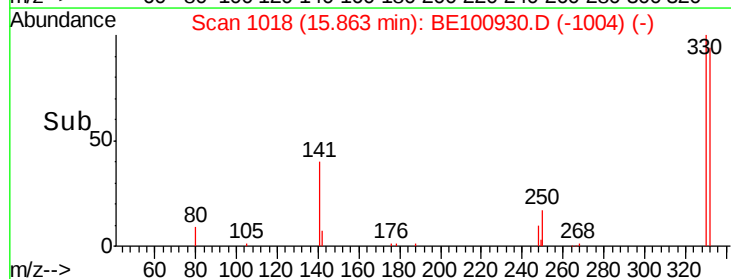
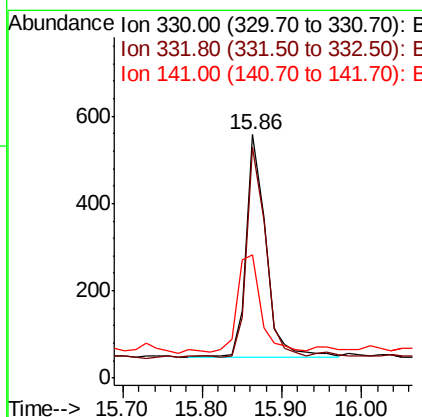
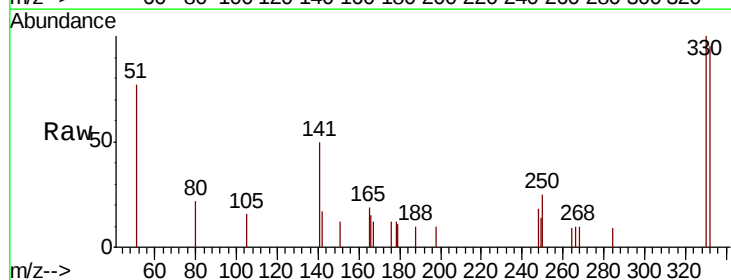
Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 11762
Ion Ratio Lower Upper
164 100
162 103.8 86.0 129.0
160 51.8 42.3 63.5



#14
2,4,6-Tribromophenol
Concen: 0.673 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:330 Resp: 881
Ion Ratio Lower Upper
330 100
332 89.9 74.1 111.1
141 51.1 46.7 70.1

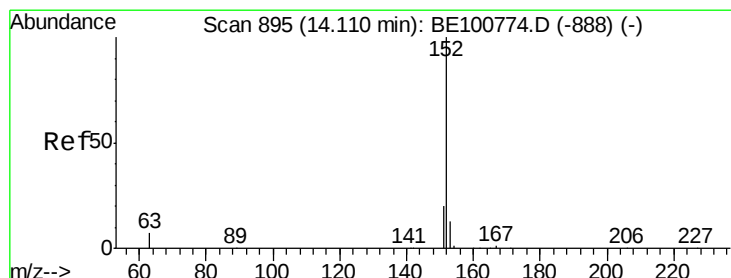
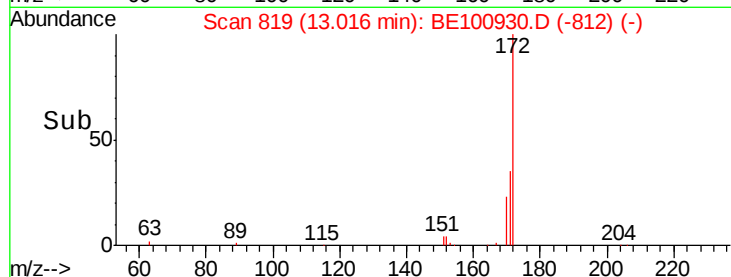
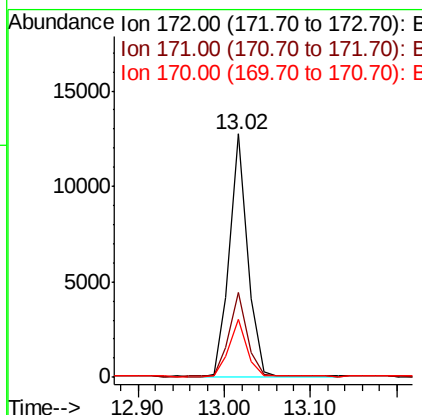
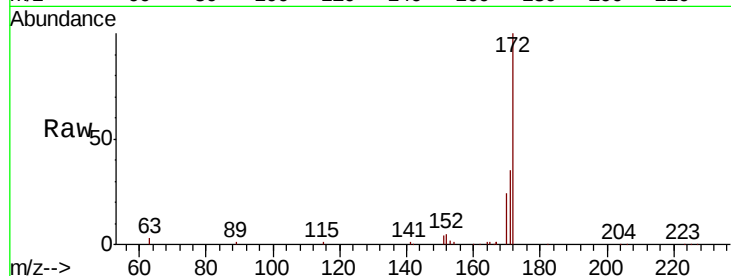




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

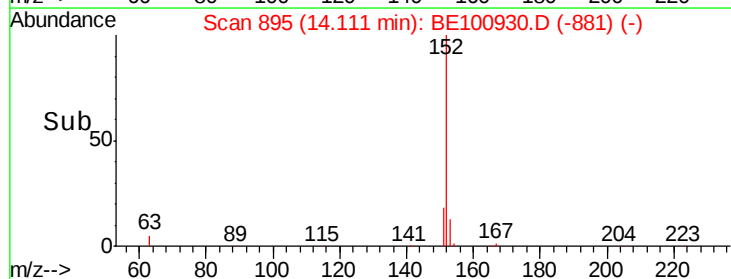
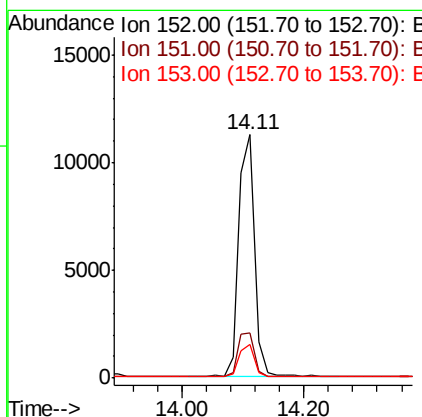
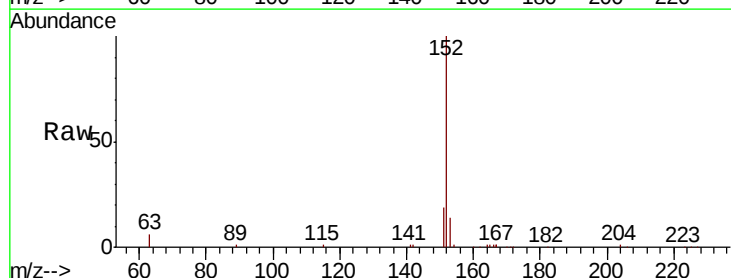
Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 18530
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.7 19.4 29.0



#16
Acenaphthylene
Concen: 0.427 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:152 Resp: 20752
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.437 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

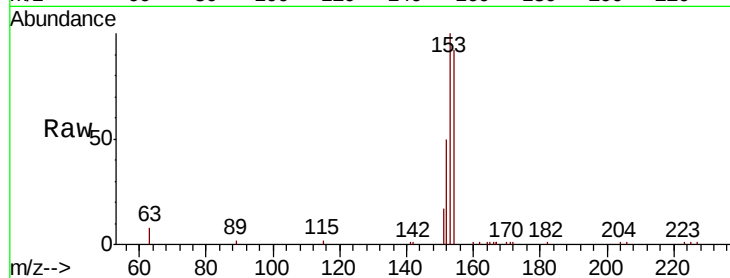
Tot Ion:154 Resp: 14646

Ion Ratio Lower Upper

154 100

153 113.7 91.5 137.3

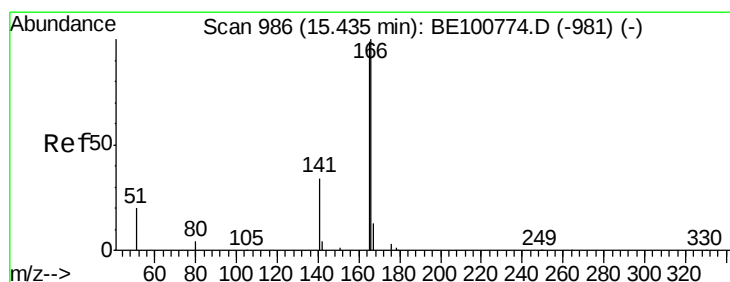
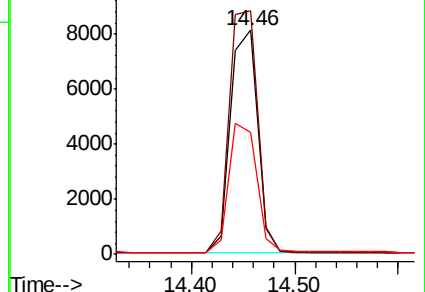
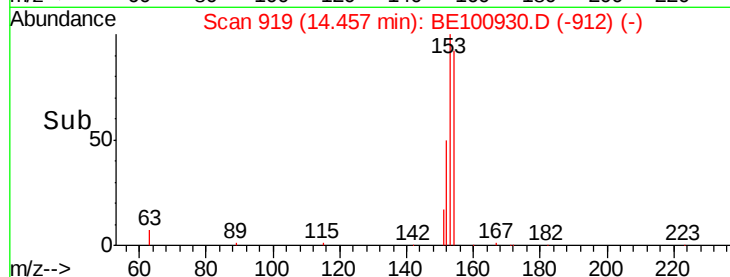
152 59.7 47.7 71.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.439 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

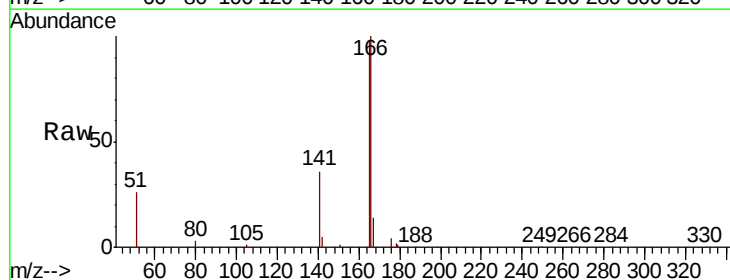
Tgt Ion:166 Resp: 18988

Ion Ratio Lower Upper

166 100

165 98.2 80.2 120.4

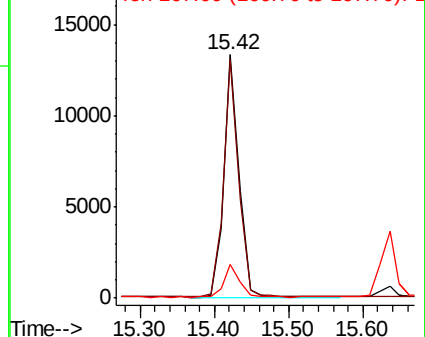
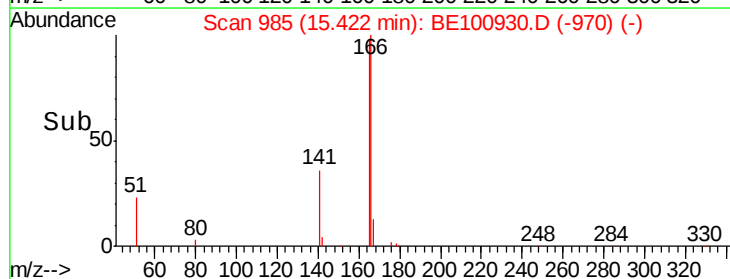
167 13.6 10.6 16.0

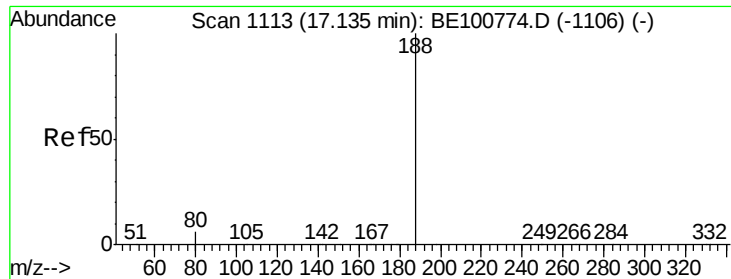


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

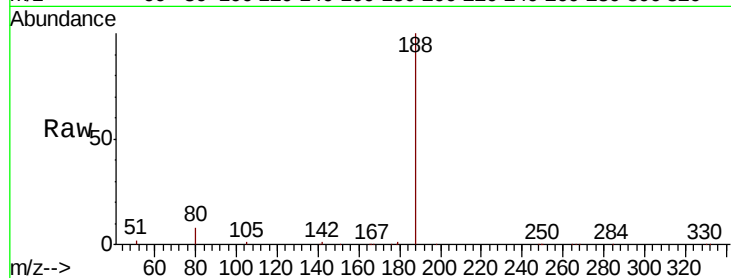
Tot Ion:188 Resp: 26942

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

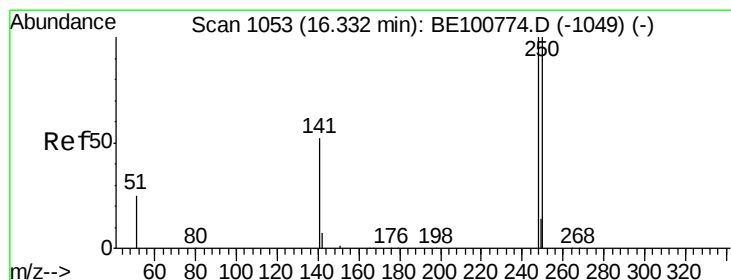
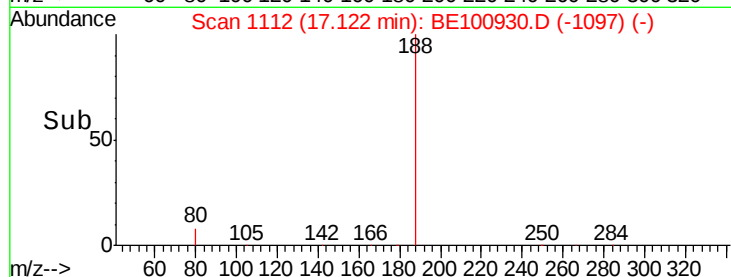
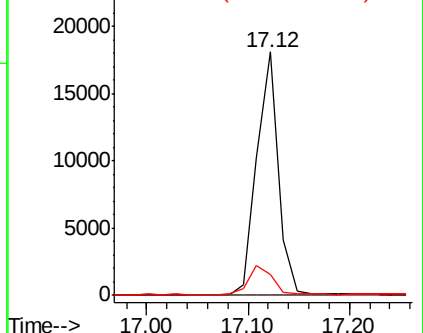
80 8.5 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.416 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

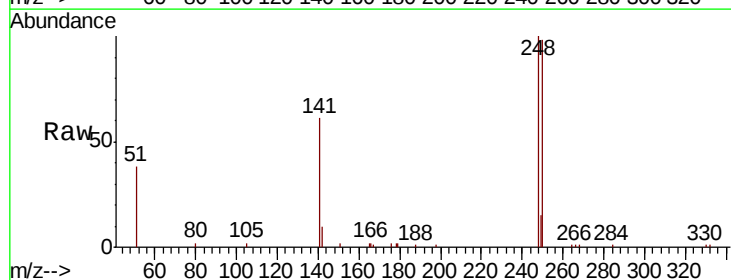
Tgt Ion:248 Resp: 5497

Ion Ratio Lower Upper

248 100

250 98.0 72.4 108.6

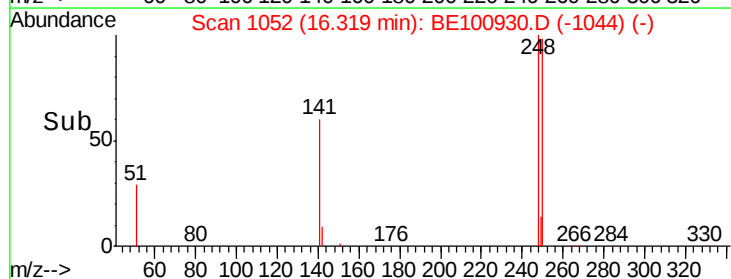
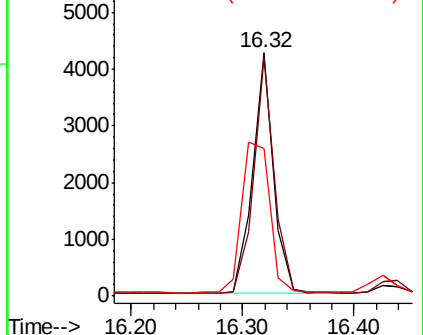
141 60.9 68.2 102.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

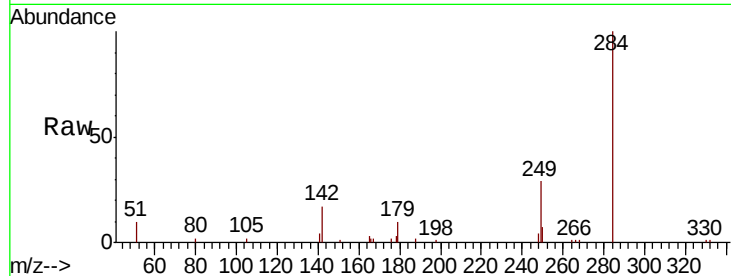




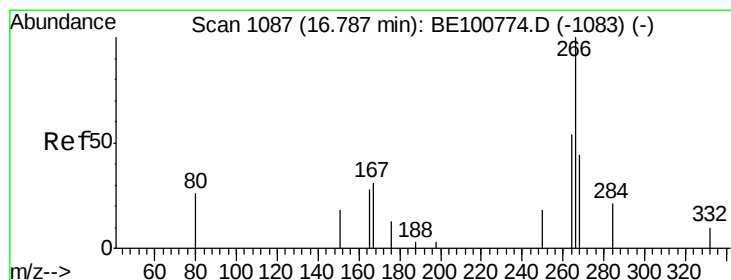
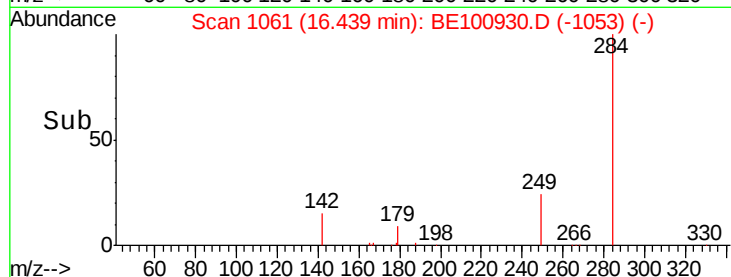
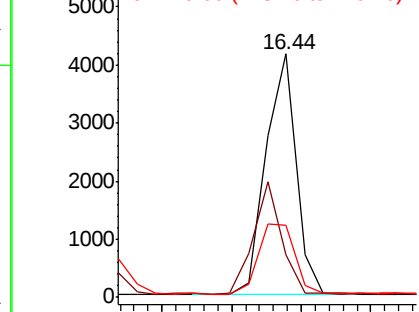
#21
Hexachlorobenzene
Concen: 0.435 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 6252
Ion Ratio Lower Upper
284 100
142 42.9 35.0 52.4
249 34.5 28.1 42.1

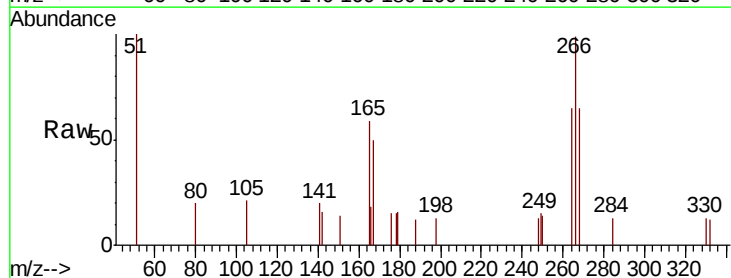


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

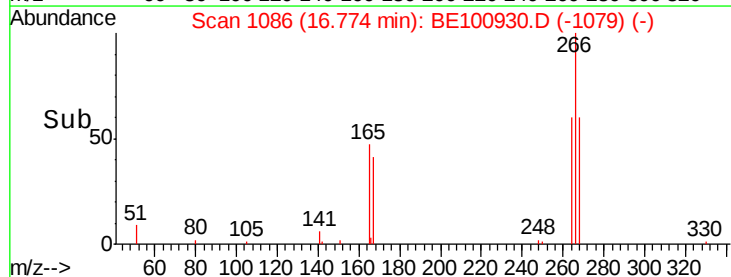
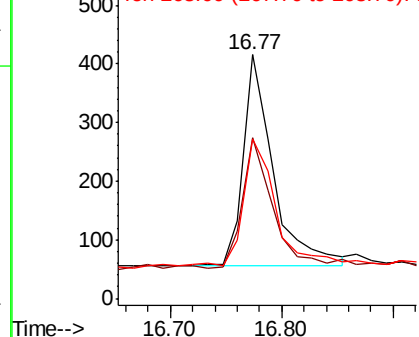


#22
Pentachlorophenol
Concen: 0.679 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:266 Resp: 674
Ion Ratio Lower Upper
266 100
264 66.1 55.1 82.7
268 65.6 50.7 76.1



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.421 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

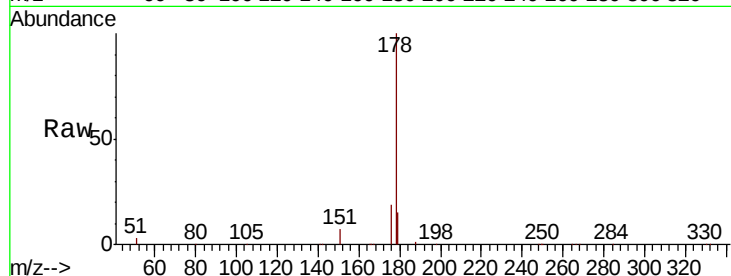
Tot Ion:178 Resp: 34359

Ion Ratio Lower Upper

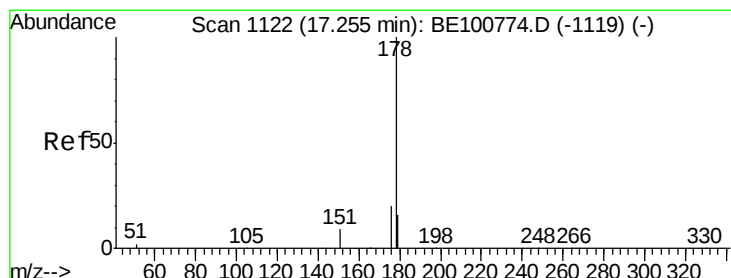
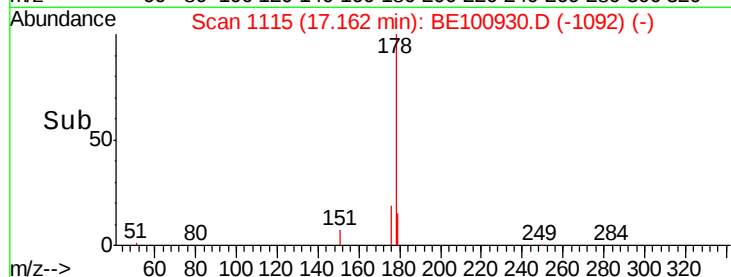
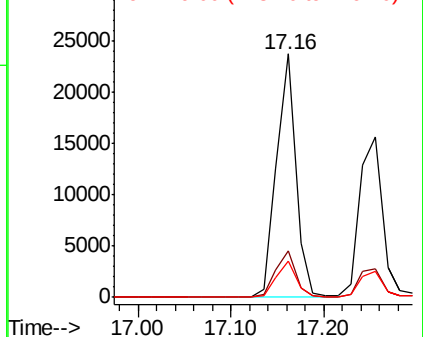
178 100

176 19.2 15.6 23.4

179 15.0 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.391 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

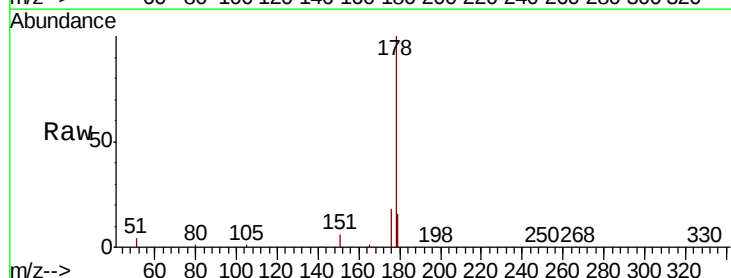
Tgt Ion:178 Resp: 26700

Ion Ratio Lower Upper

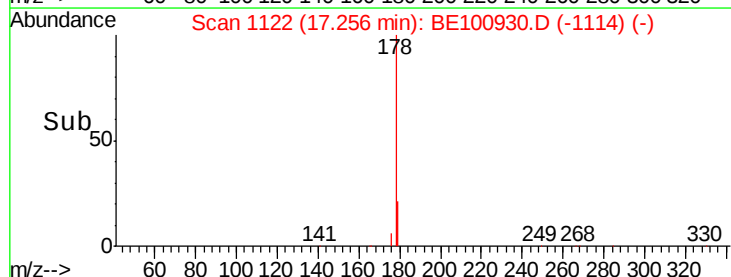
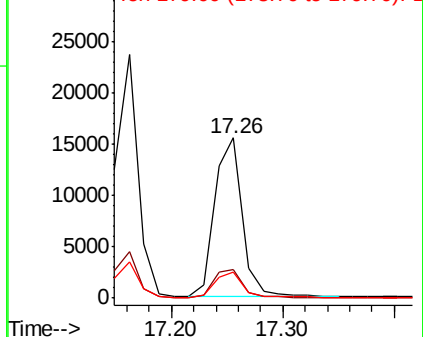
178 100

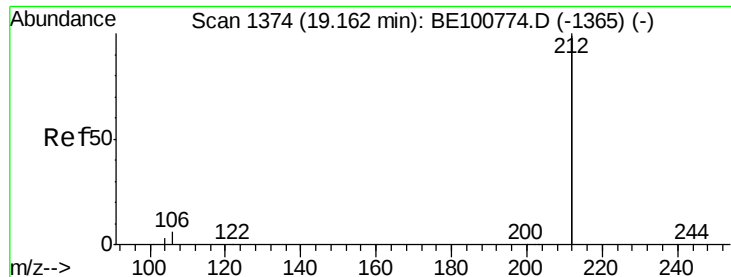
176 18.6 14.7 22.1

179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.342 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

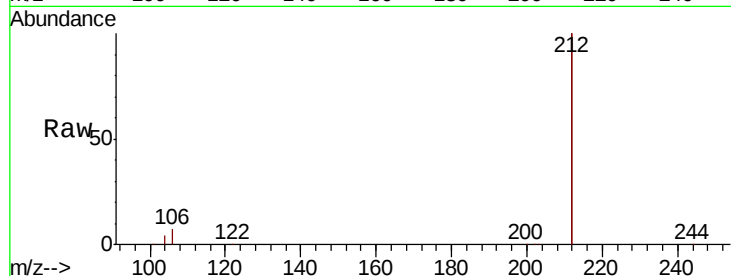
Tot Ion:212 Resp: 108792

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

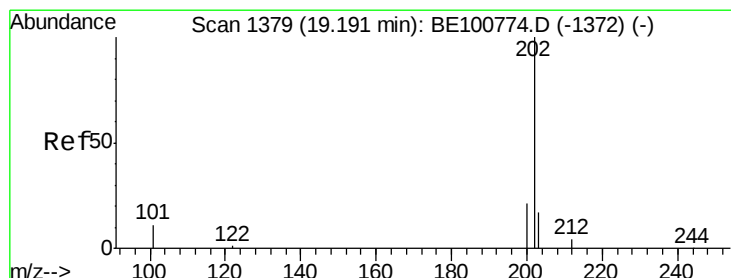
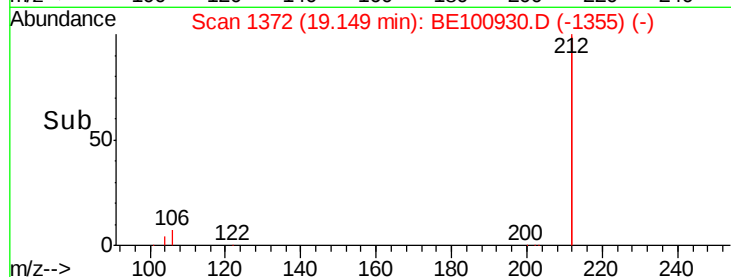
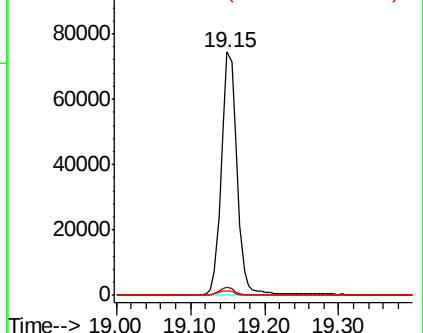
104 1.9 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.360 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

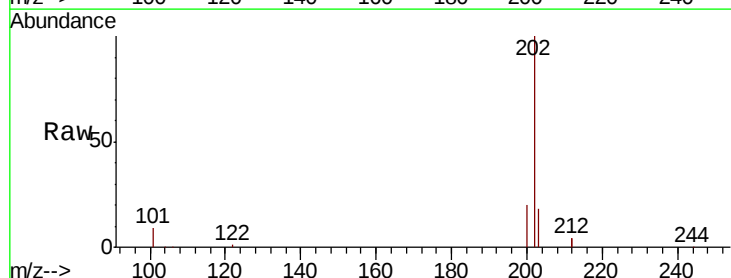
Tgt Ion:202 Resp: 35086

Ion Ratio Lower Upper

202 100

101 11.6 9.4 14.0

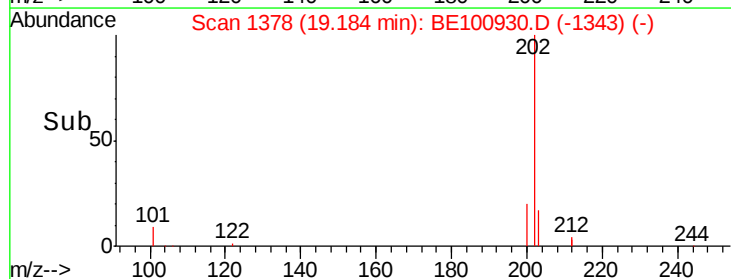
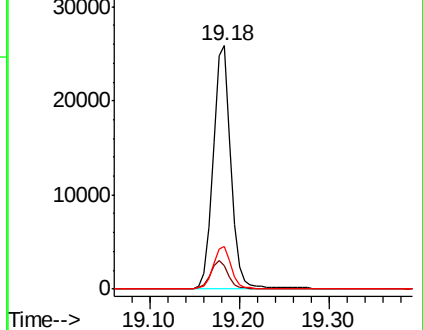
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

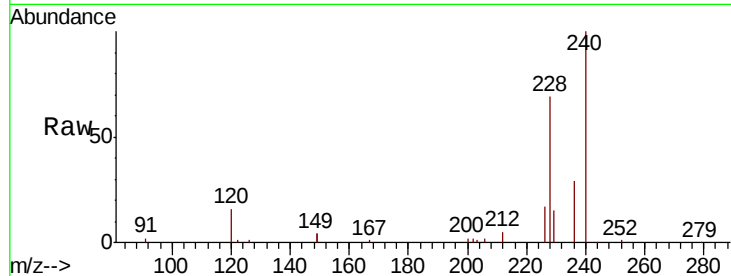
Tot Ion:240 Resp: 21700

Ion Ratio Lower Upper

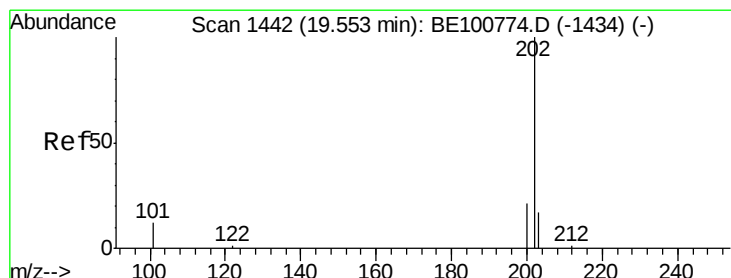
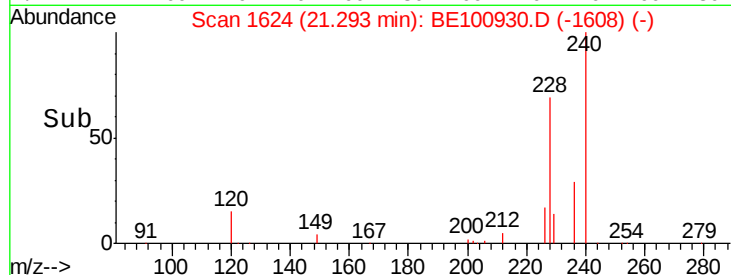
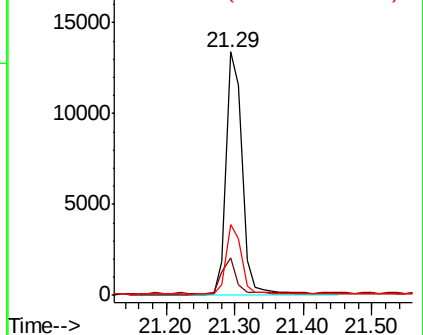
240 100

120 15.5 4.0 6.0#

236 29.1 21.6 32.4



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



#28

Pyrene

Concen: 0.481 ng

RT: 19.54 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

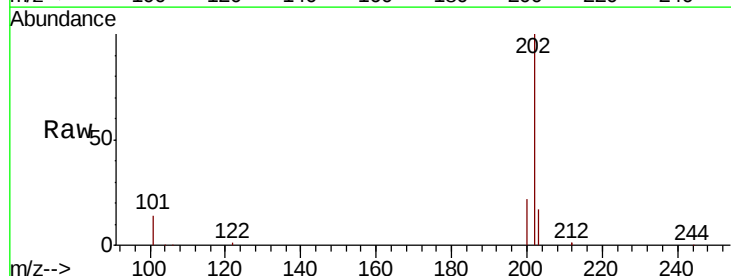
Tgt Ion:202 Resp: 33884

Ion Ratio Lower Upper

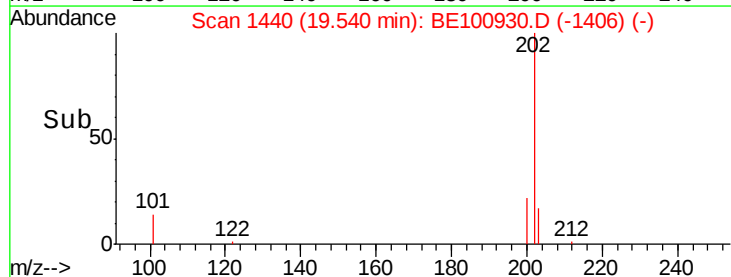
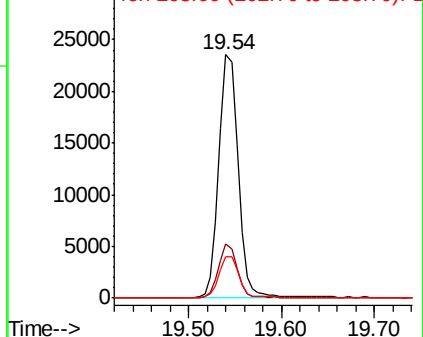
202 100

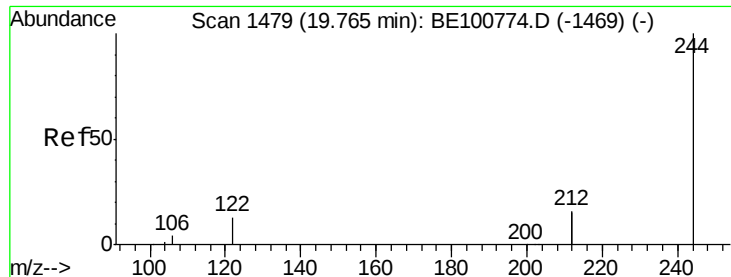
200 21.0 17.0 25.4

203 17.6 13.8 20.8



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





#29

Terphenyl-d14

Concen: 0.432 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampled :

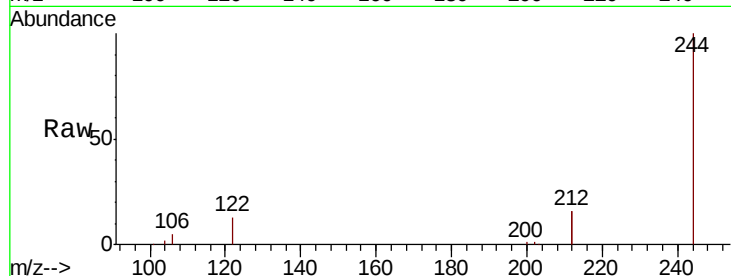
Tot Ion:244 Resp: 22445

Ion Ratio Lower Upper

244 100

212 32.5 25.2 37.8

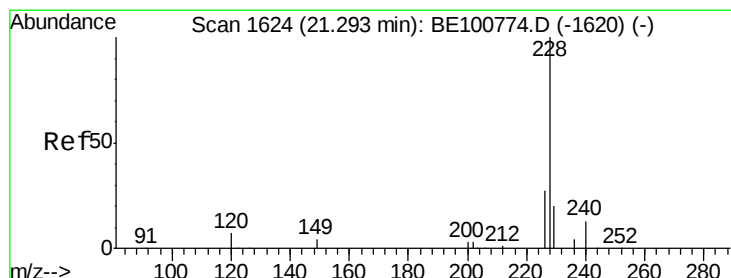
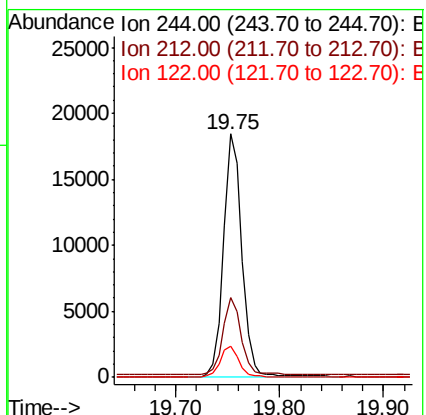
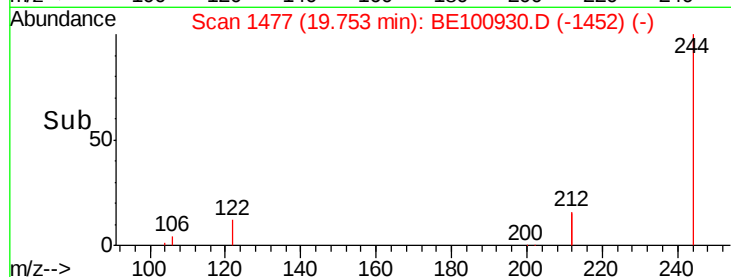
122 12.8 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.434 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

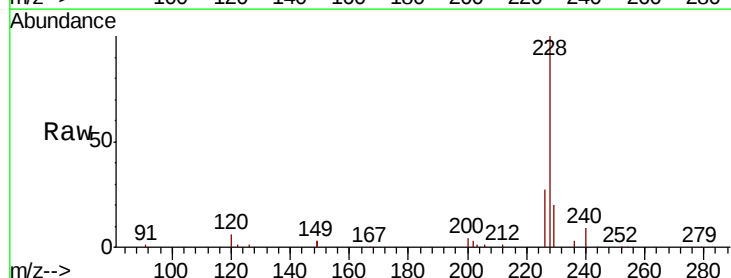
Tgt Ion:228 Resp: 27790

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

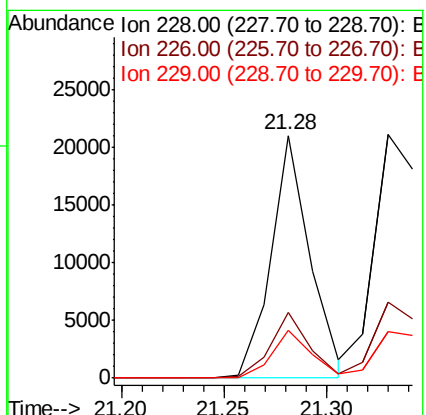
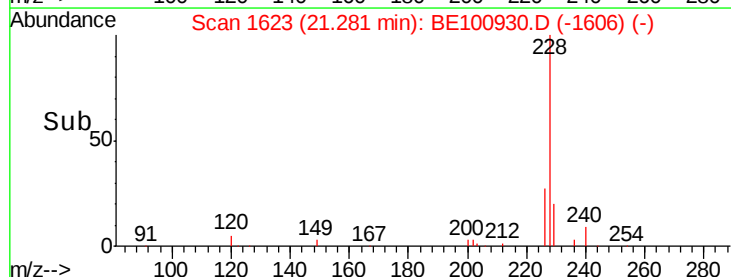
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.452 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

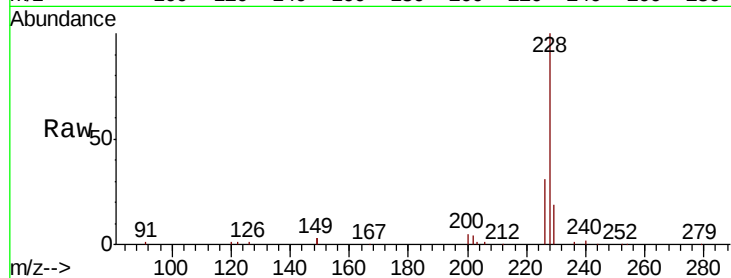
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 33985

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	19.0	15.2	22.8

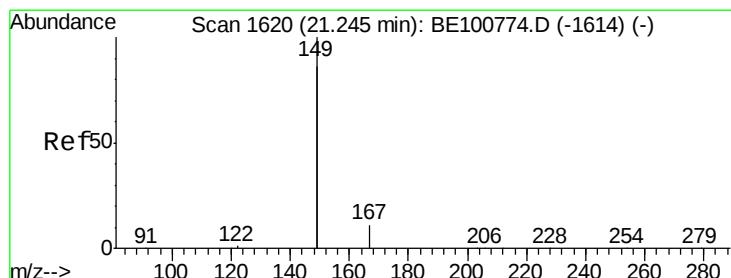
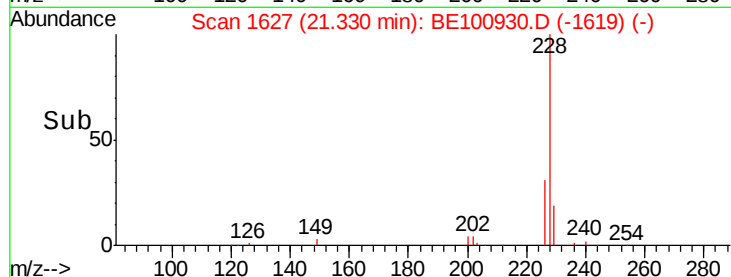
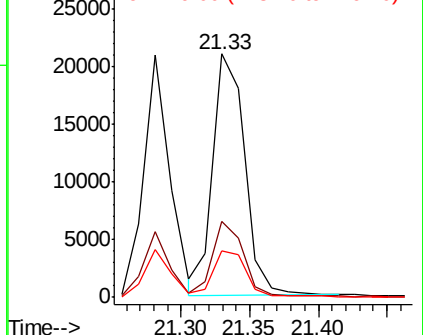


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.601 ng

RT: 21.23 min Scan# 1619

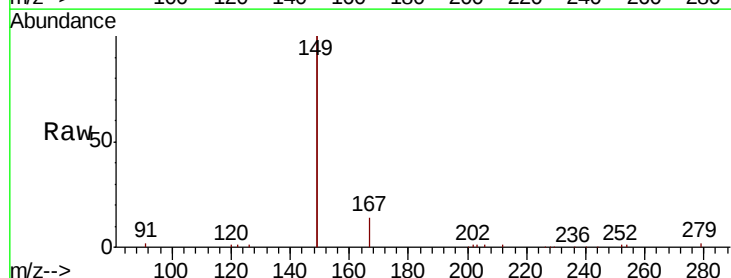
Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Tgt Ion:149 Resp: 27232

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.4
279	0.7	0.6	1.0

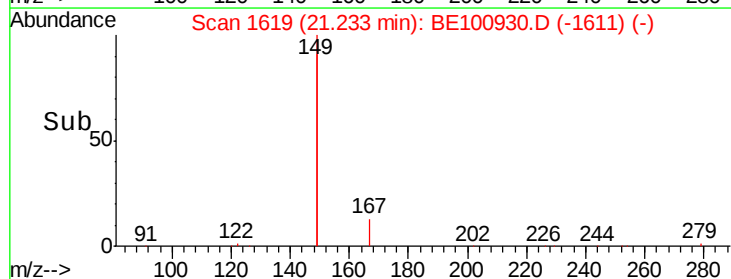
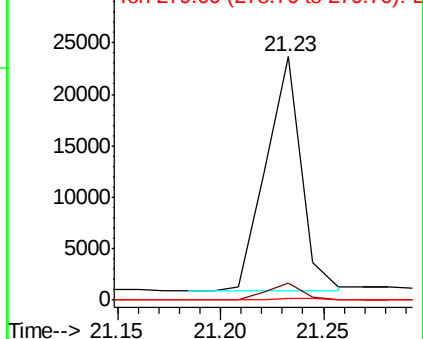


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

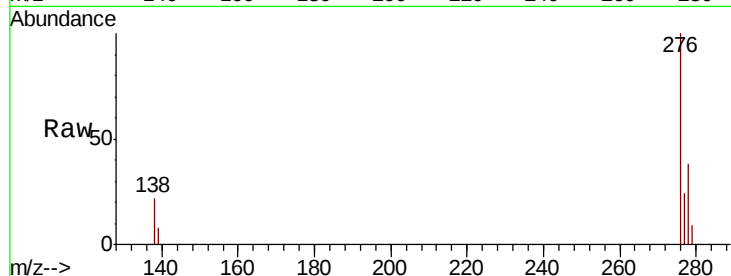




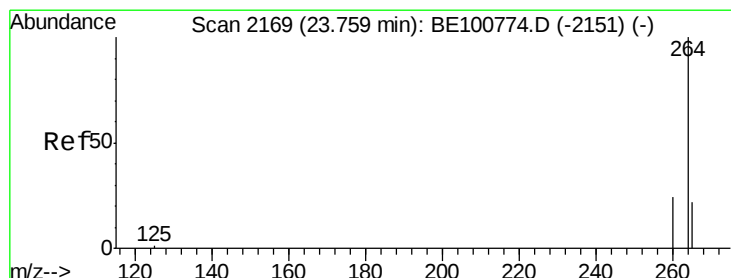
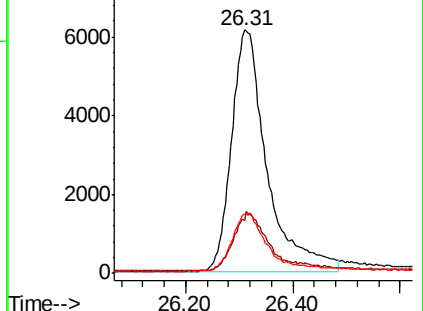
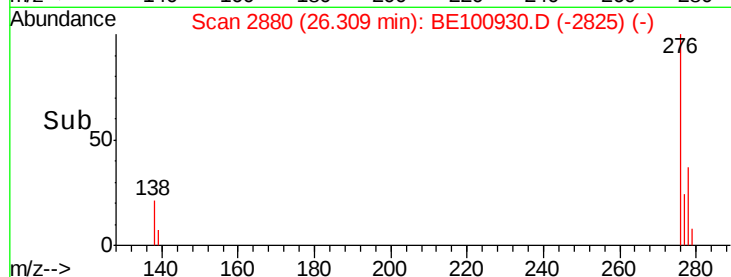
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 28227
Ion Ratio Lower Upper
276 100
138 24.0 18.4 27.6
277 23.2 19.4 29.2

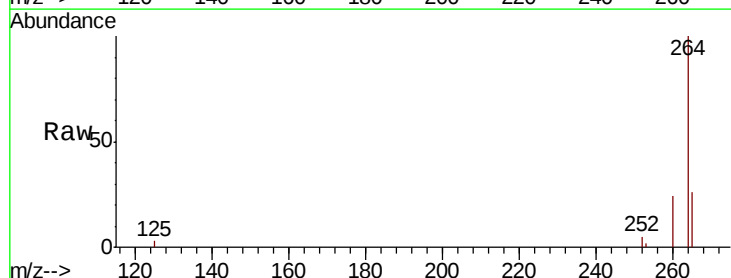


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

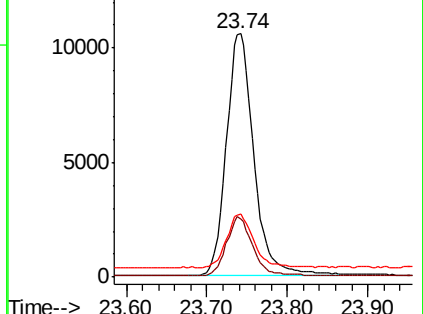
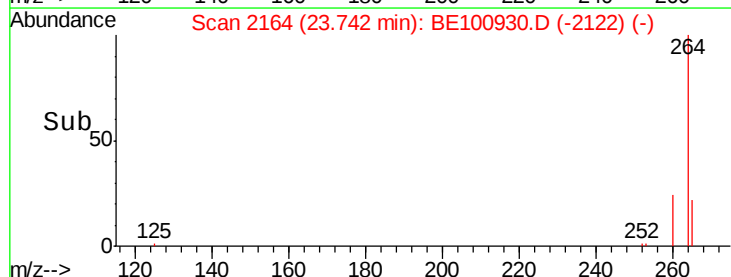


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:264 Resp: 25089
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 25.9 20.1 30.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.396 ng

RT: 22.99 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

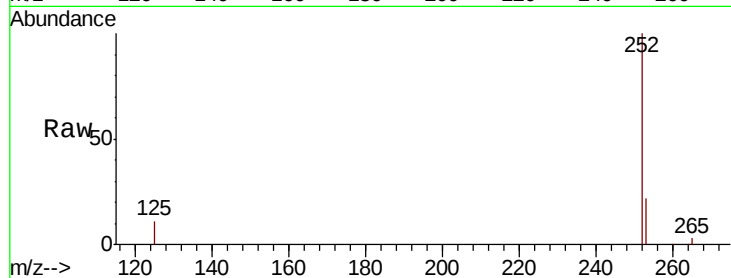
Tot Ion:252 Resp: 27176

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 11.1 8.3 12.5

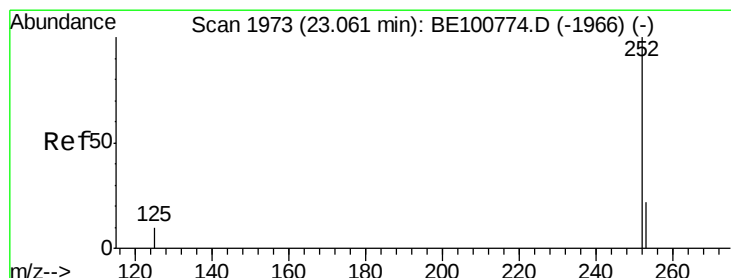
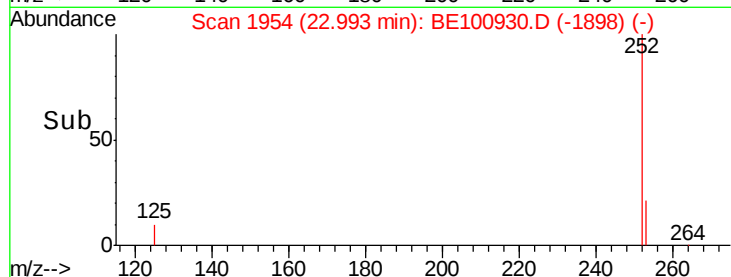
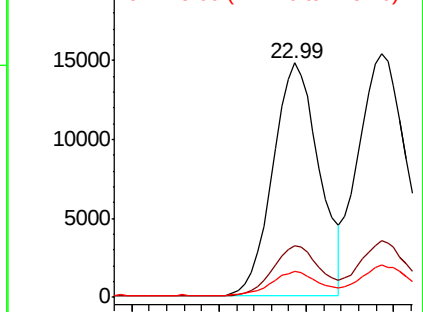


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.423 ng

RT: 23.04 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

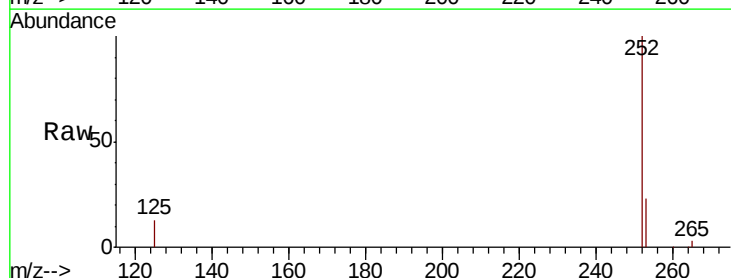
Tgt Ion:252 Resp: 32553

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 13.1 9.4 14.0

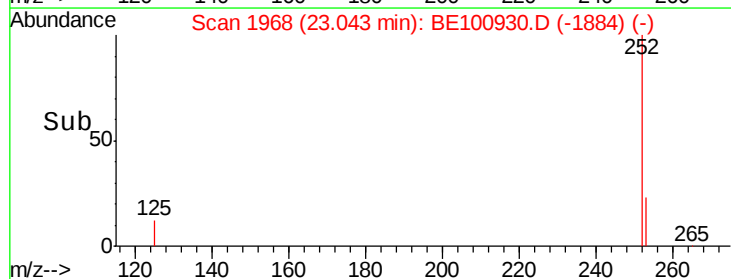
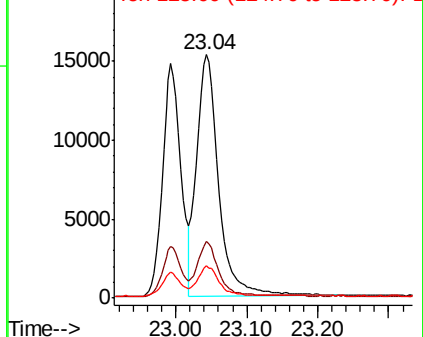


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :

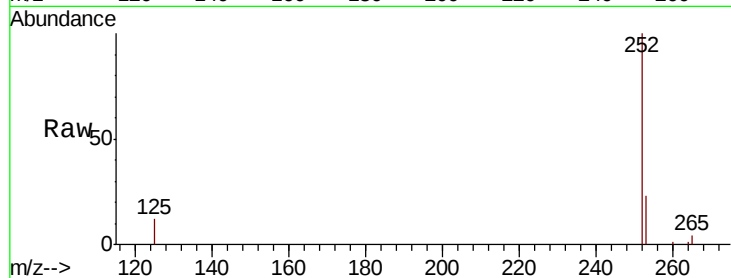
Tot Ion:252 Resp: 22281

Ion Ratio Lower Upper

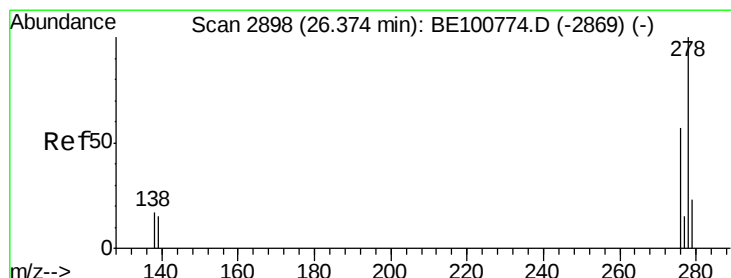
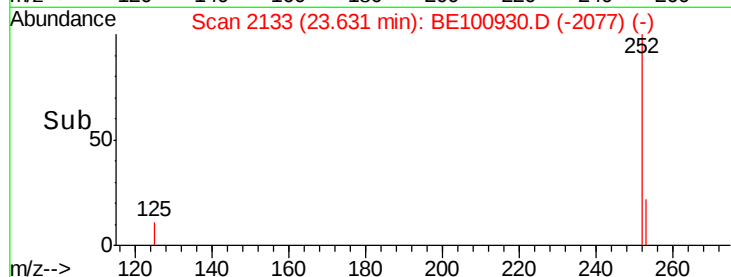
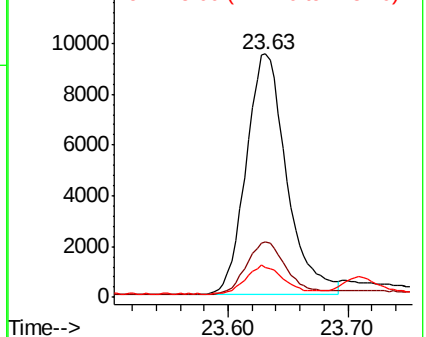
252 100

253 22.5 17.8 26.8

125 12.4 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.388 ng

RT: 26.34 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

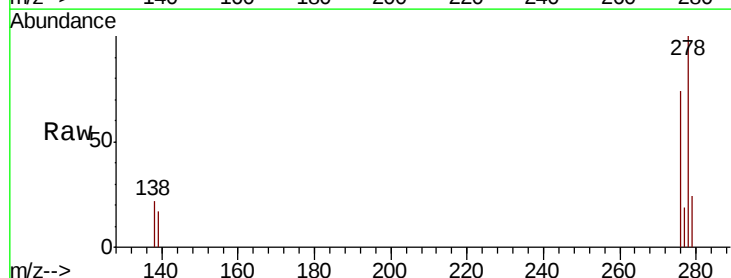
Tgt Ion:278 Resp: 22937

Ion Ratio Lower Upper

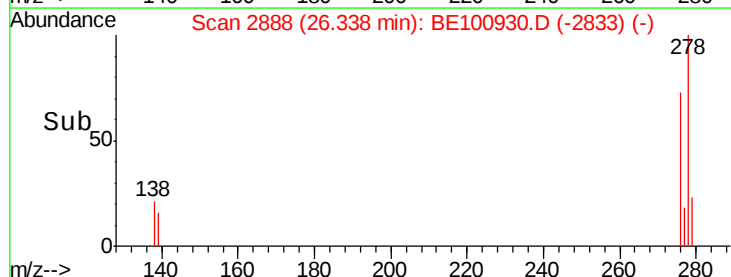
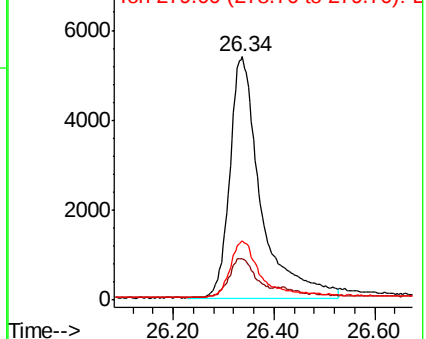
278 100

139 16.9 13.8 20.6

279 24.4 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.394 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

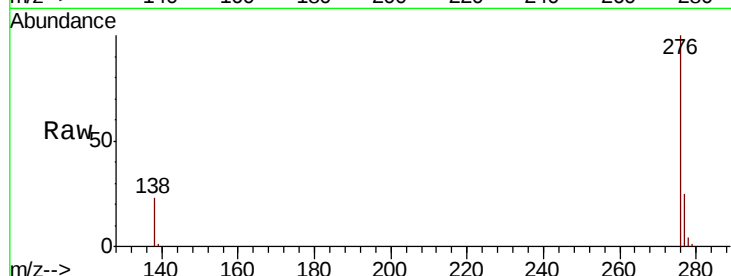
Lab File: BE100930.D

Acq: 16 Dec 2019 22:34

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 24953

Ion Ratio Lower Upper

276 100

277 25.0 19.7 29.5

138 22.9 18.0 27.0

