

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110819\
 Data File : BE100711.D
 Acq On : 8 Nov 2019 10:49
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 08 12:38:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	2598	0.40	ng	0.01
7) Naphthalene-d8	10.64	136	12047	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	8033	0.40	ng	0.01
19) Phenanthrene-d10	17.20	188	17624	0.40	ng	0.00
27) Chrysene-d12	21.37	240	20589	0.40	ng	0.01
34) Perylene-d12	23.85	264	23538	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	3546	0.44	ng	0.01
5) Phenol-d6	7.03	99	5497	0.49	ng	0.02
8) Nitrobenzene-d5	9.00	82	4353	0.58	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	7657	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	369	0.17	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	11954	0.41	ng	0.01
25) Fluoranthene-d10	19.23	212	85785	0.38	ng	0.01
29) Terphenyl-d14	19.82	244	21328	0.47	ng	0.00

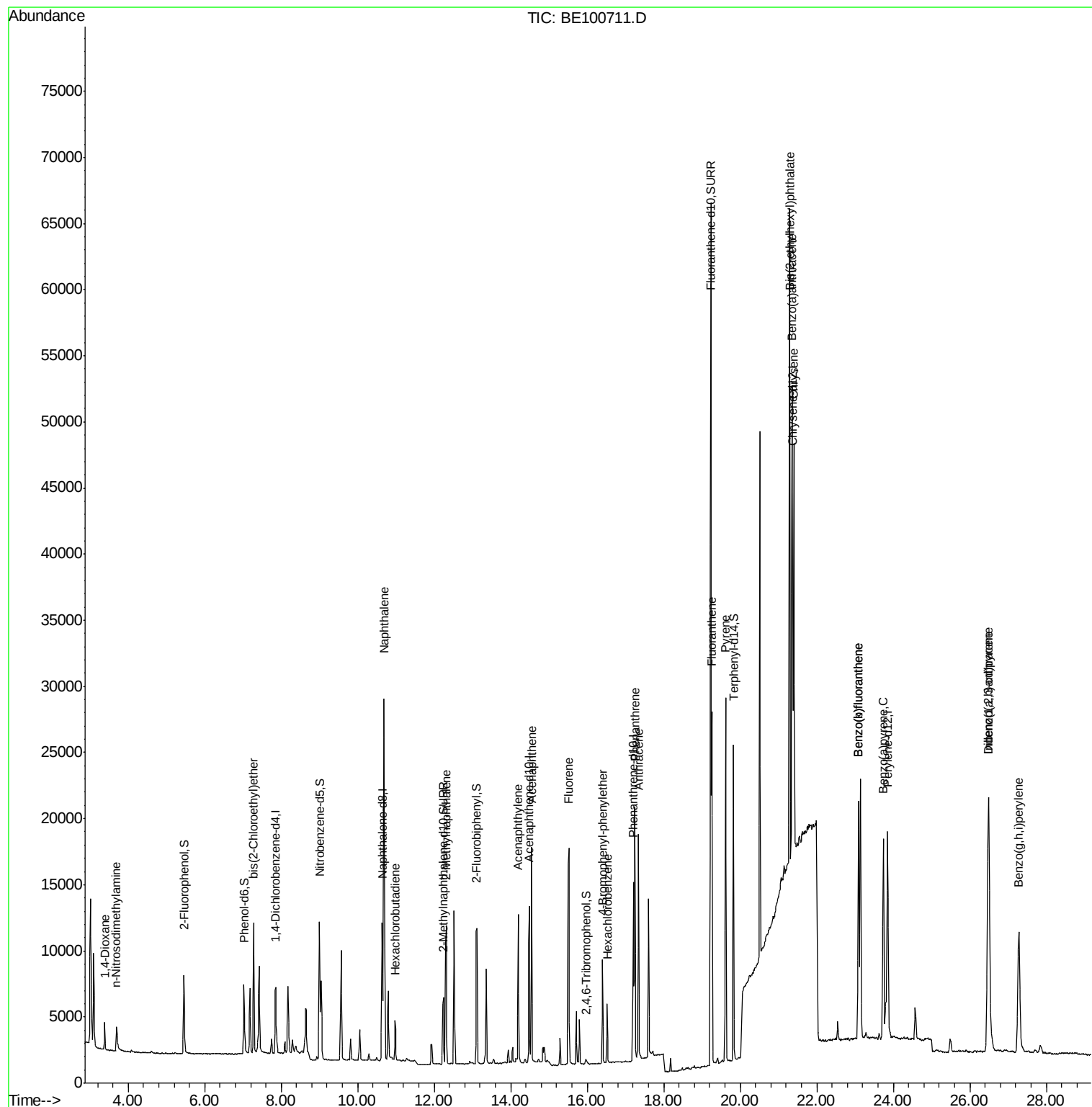
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1491	0.322	ng	95
3) n-Nitrosodimethylamine	3.69	42	1744	0.356	ng	# 96
6) bis(2-Chloroethyl)ether	7.27	93	3568	0.384	ng	99
9) Naphthalene	10.69	128	48826	0.385	ng	100
10) Hexachlorobutadiene	10.98	225	2206	0.401	ng	97
12) 2-Methylnaphthalene	12.31	142	8579	0.397	ng	98
16) Acenaphthylene	14.20	152	13142	0.380	ng	99
17) Acenaphthene	14.54	154	8198	0.367	ng	98
18) Fluorene	15.52	166	11184	0.377	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	3613	0.403	ng	# 93
21) Hexachlorobenzene	16.52	284	3441	0.403	ng	99
23) Phenanthrene	17.24	178	19237	0.397	ng	99
24) Anthracene	17.34	178	17787	0.395	ng	98
26) Fluoranthene	19.26	202	24338	0.385	ng	100
28) Pyrene	19.61	202	25614	0.445	ng	99
30) Benzo(a)anthracene	21.35	228	26779	0.399	ng	95
31) Chrysene	21.40	228	25847	0.385	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	67929	0.484	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	31293	0.379	ng	99
35) Benzo(b)fluoranthene	23.09	252	26430	0.385	ng	# 93
36) Benzo(k)fluoranthene	23.09	252	26427	0.374	ng	98
37) Benzo(a)pyrene	23.74	252	25698	0.402	ng	# 92
38) Dibenzo(a,h)anthracene	26.50	278	25995	0.394	ng	# 92
39) Benzo(g,h,i)perylene	27.28	276	25482	0.384	ng	# 92

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

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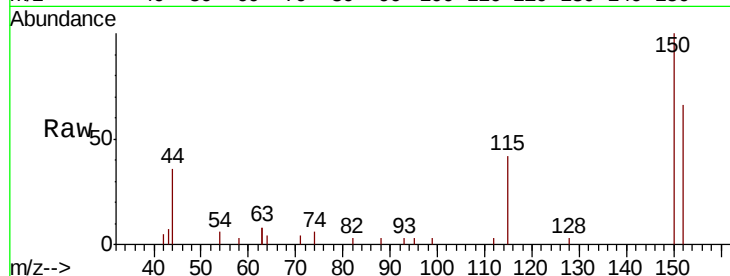


#1

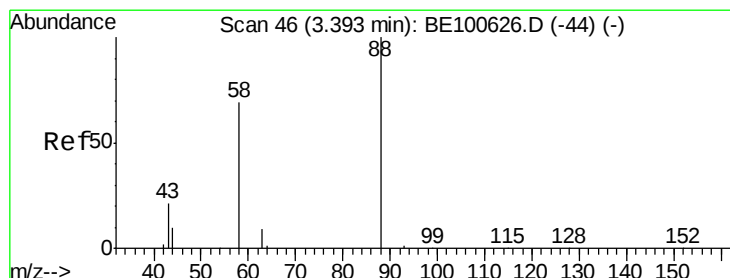
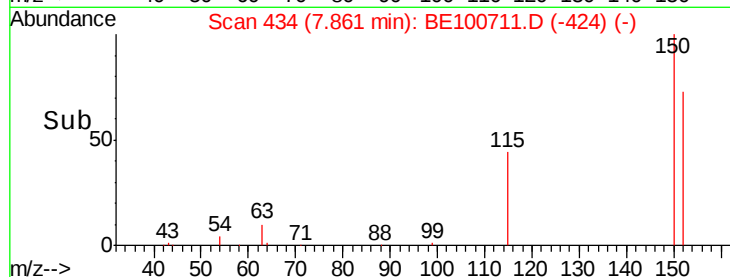
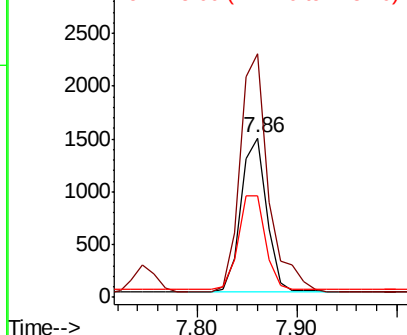
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.01 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2598
Ion Ratio Lower Upper
152 100
150 152.4 123.3 184.9
115 63.5 51.9 77.9



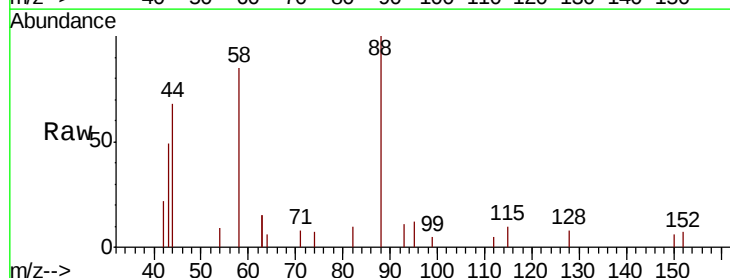
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



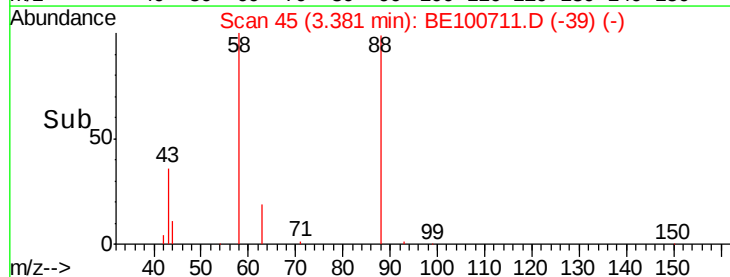
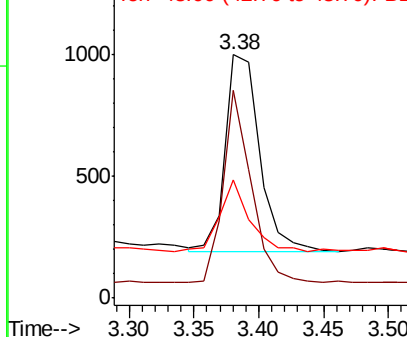
#2

1,4-Dioxane
Concen: 0.322 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Tgt Ion: 88 Resp: 1491
Ion Ratio Lower Upper
88 100
58 80.1 59.8 89.6
43 31.3 24.6 36.8



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: 0.356 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Instrument :

BNA_E

ClientSampleId :

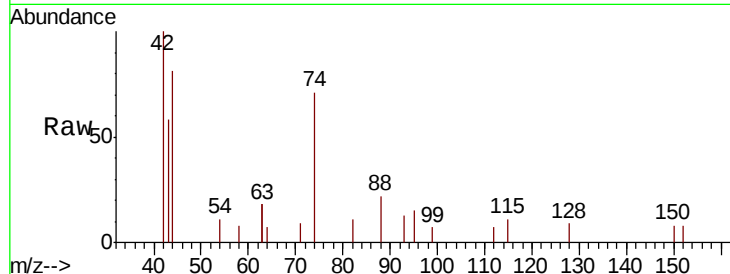
Tot Ion: 42 Resp: 1744

Ion Ratio Lower Upper

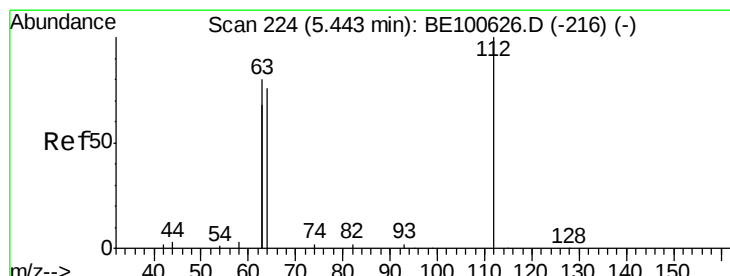
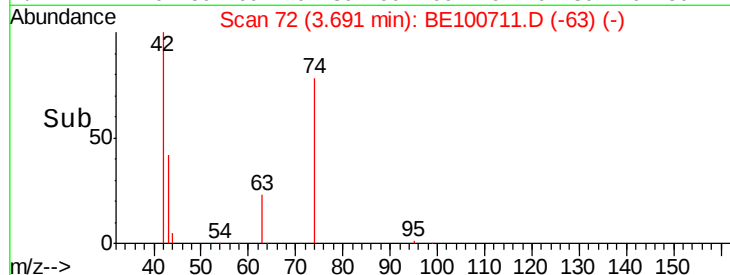
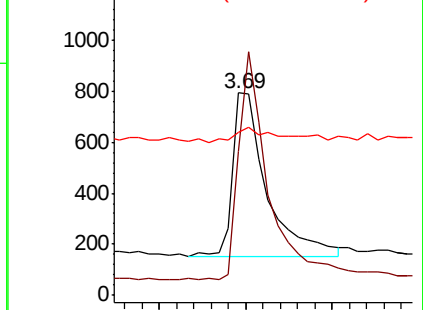
42 100

74 120.6 97.2 145.8

44 10.7 16.6 24.8#



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: 0.442 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

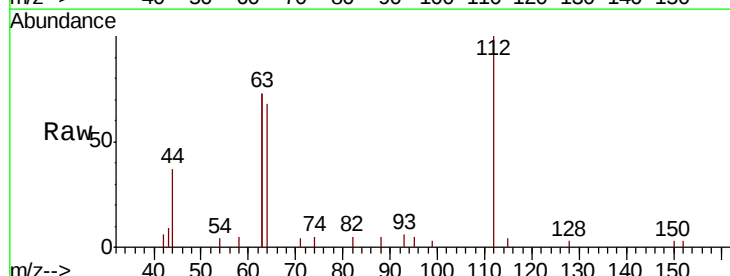
Tgt Ion: 112 Resp: 3546

Ion Ratio Lower Upper

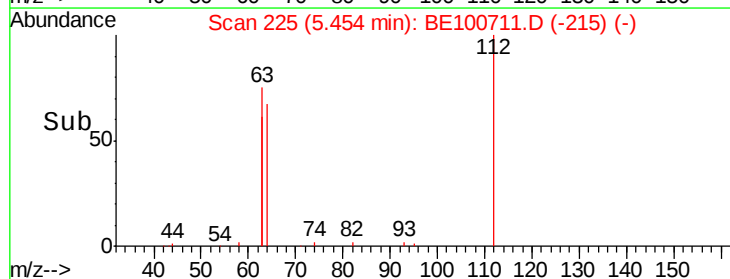
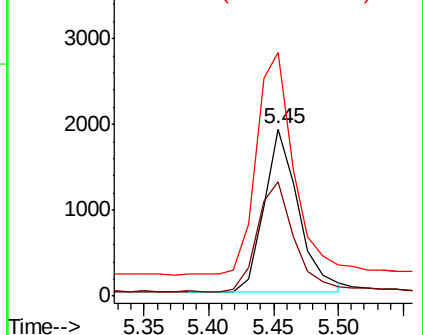
112 100

64 71.8 55.4 83.2

63 146.8 114.2 171.4



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: 0.486 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.02 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Instrument :

BNA_E

ClientSampleId :

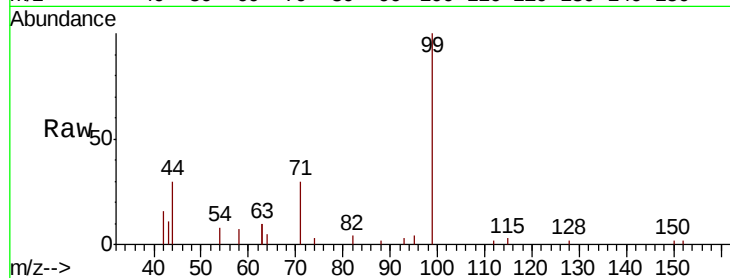
Tot Ion: 99 Resp: 5497

Ion Ratio Lower Upper

99 100

42 22.3 17.7 26.5

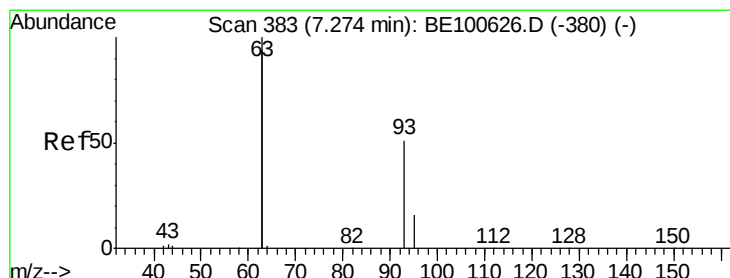
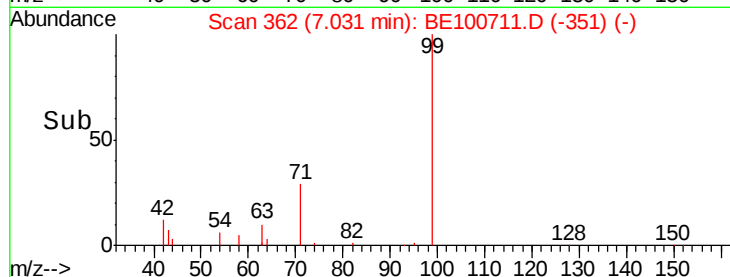
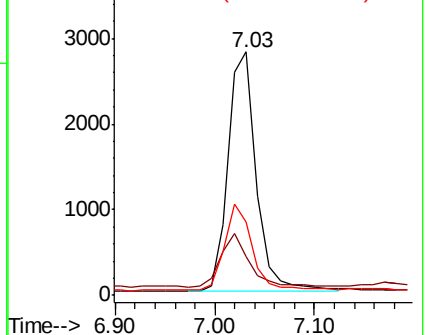
71 35.4 27.4 41.0



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: 0.384 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

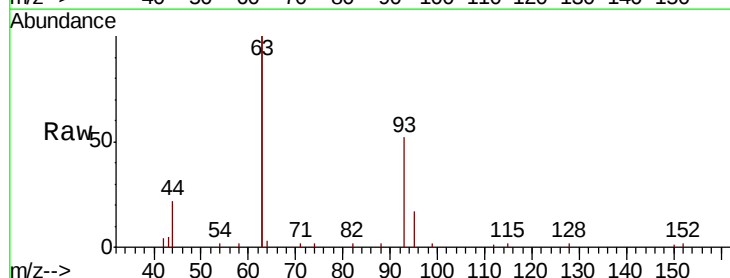
Tgt Ion: 93 Resp: 3568

Ion Ratio Lower Upper

93 100

63 334.3 268.8 403.2

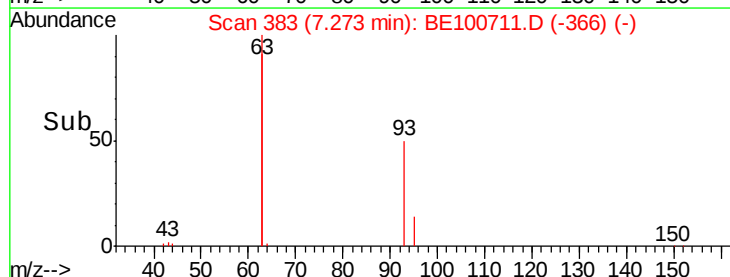
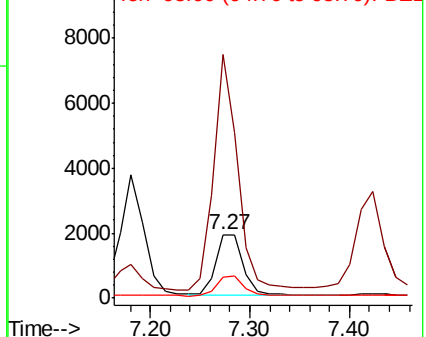
95 32.0 25.6 38.4

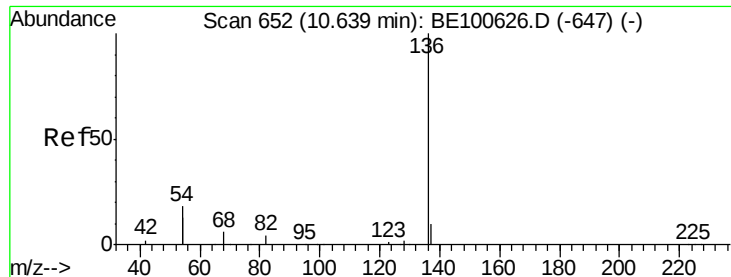


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.64 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12047

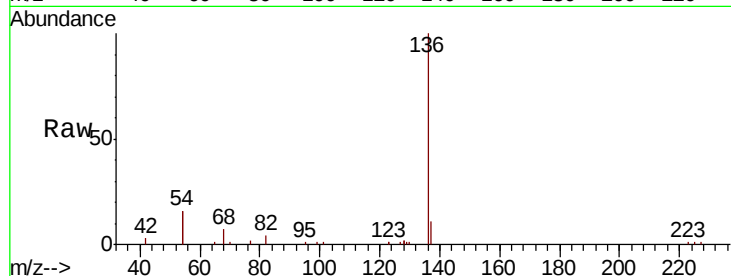
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 31.8 39.4 59.2#

68 6.6 8.0 12.0#

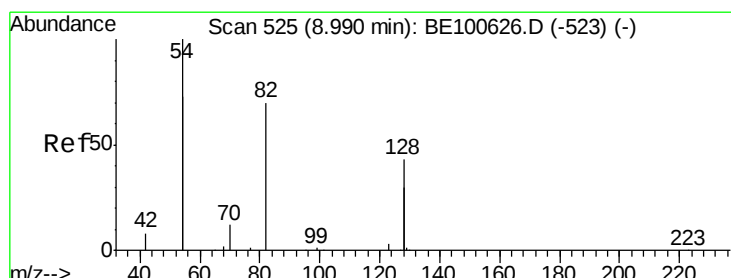
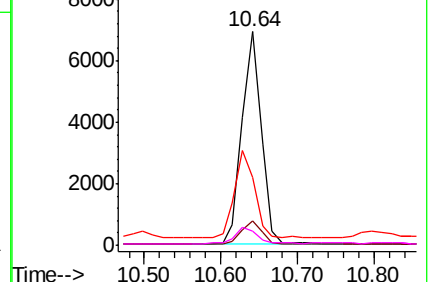
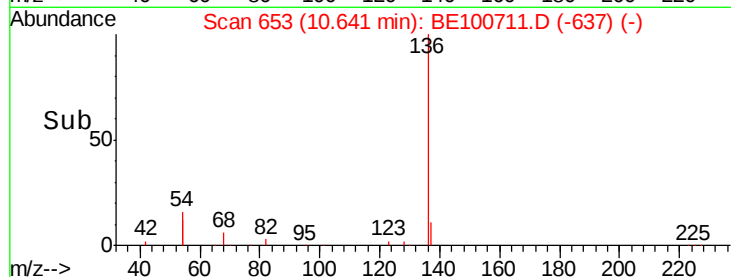


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.583 ng

RT: 9.00 min Scan# 527

Delta R.T. 0.01 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

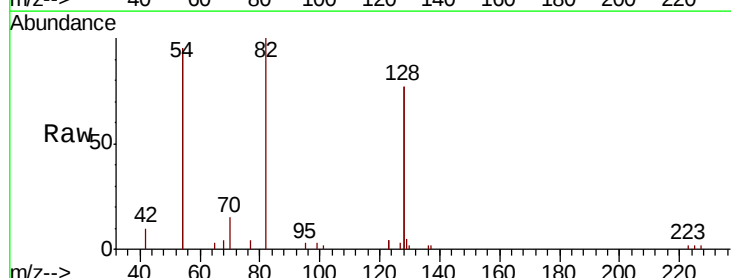
Tgt Ion: 82 Resp: 4353

Ion Ratio Lower Upper

82 100

128 153.3 107.8 161.8

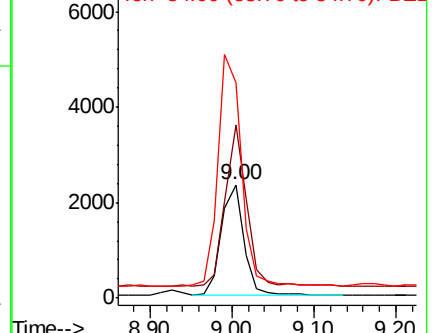
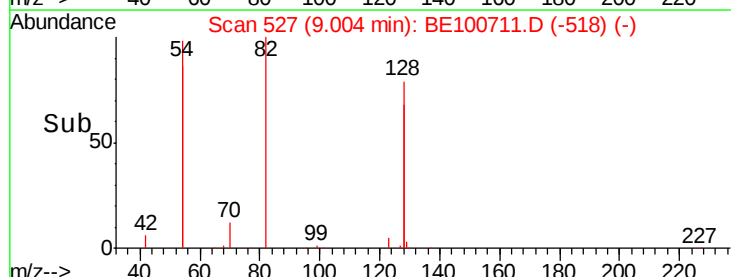
54 190.0 166.1 249.1



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: 0.385 ng

RT: 10.69 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Instrument :

BNA_E

ClientSampleId :

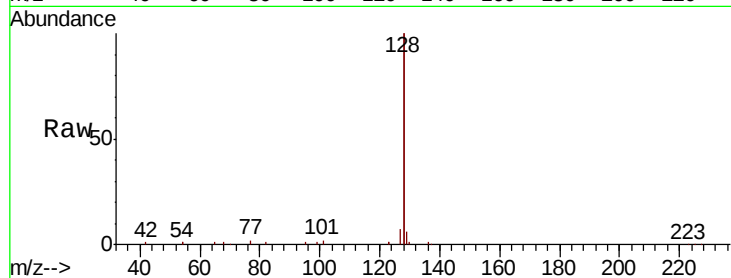
Tot Ion:128 Resp: 48826

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

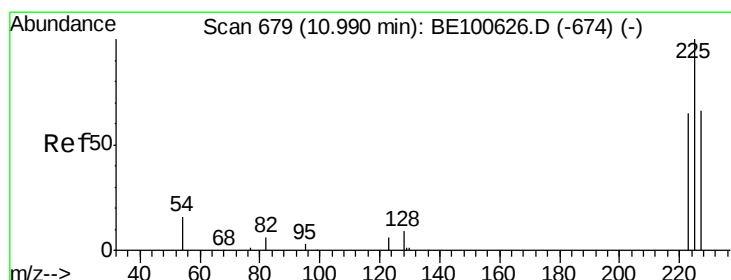
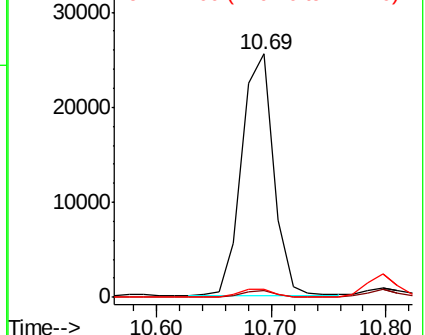
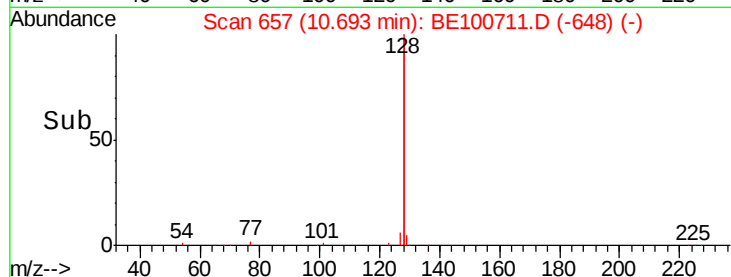
127 3.3 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.401 ng

RT: 10.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

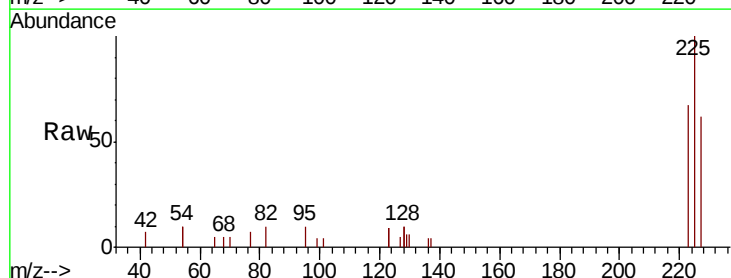
Tgt Ion:225 Resp: 2206

Ion Ratio Lower Upper

225 100

223 64.6 48.6 72.8

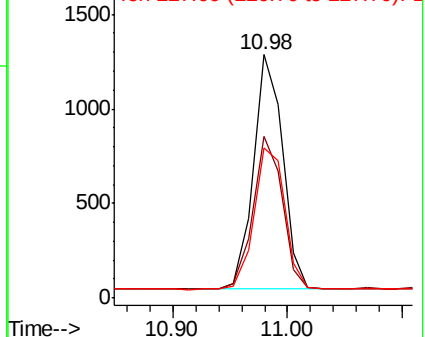
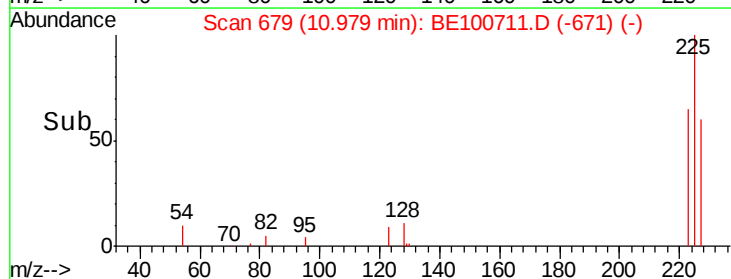
227 64.2 51.6 77.4

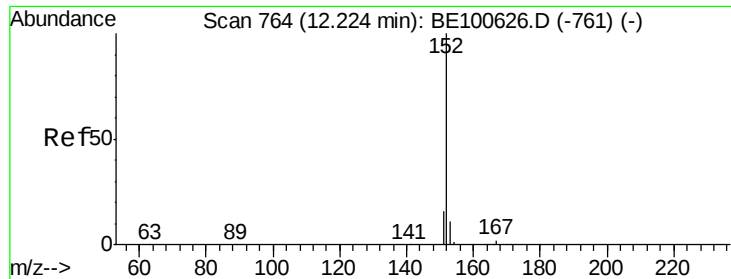


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

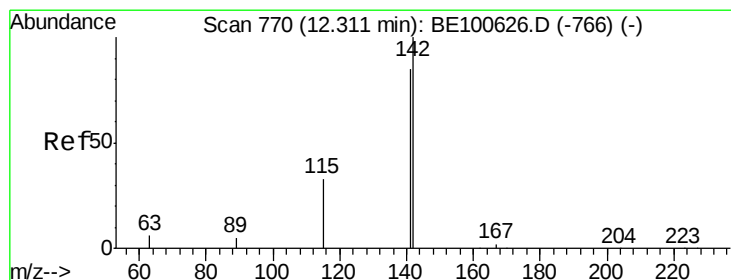
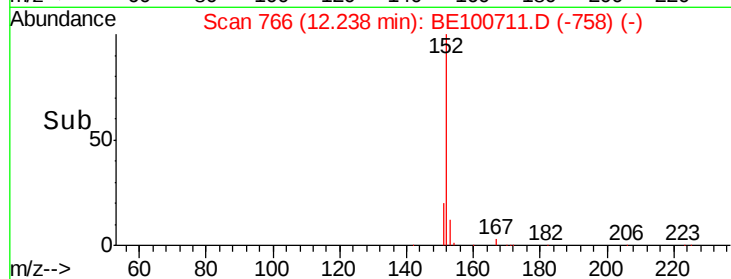
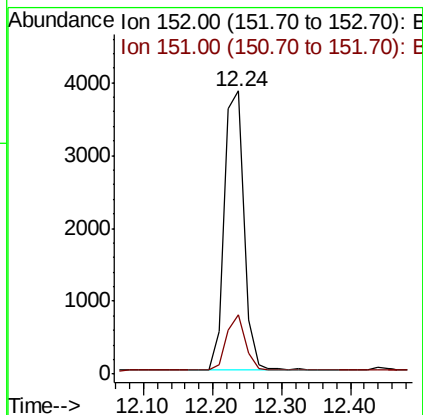
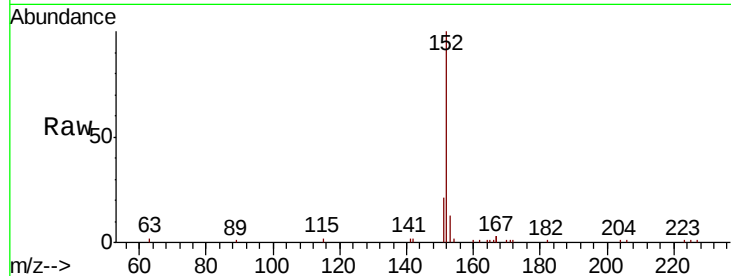




#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng
 RT: 12.24 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BE100711.D
 Acq: 8 Nov 2019 10:49

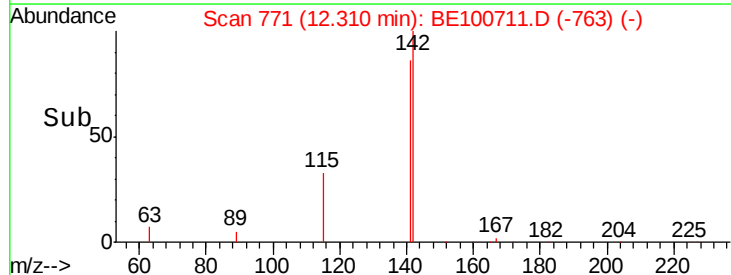
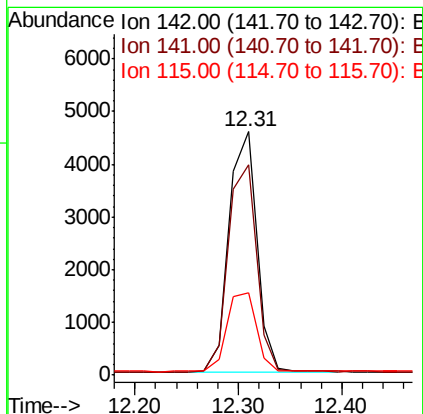
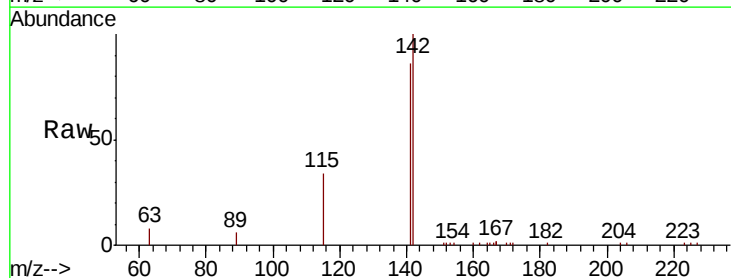
Instrument :
 BNA_E
 ClientSampleId :

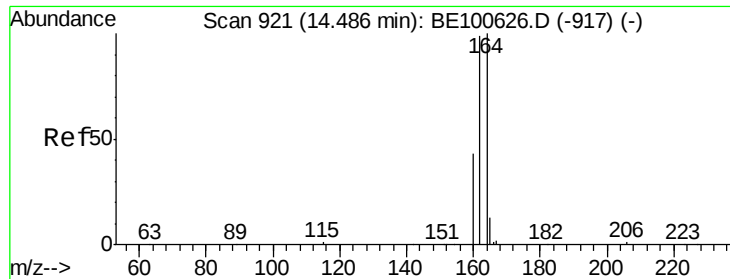
Tot Ion:152 Resp: 7657
 Ion Ratio Lower Upper
 152 100
 151 19.1 14.7 22.1



#12
 2-Methylnaphthalene
 Concen: 0.397 ng
 RT: 12.31 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BE100711.D
 Acq: 8 Nov 2019 10:49

Tgt Ion:142 Resp: 8579
 Ion Ratio Lower Upper
 142 100
 141 86.4 70.1 105.1
 115 34.0 28.3 42.5

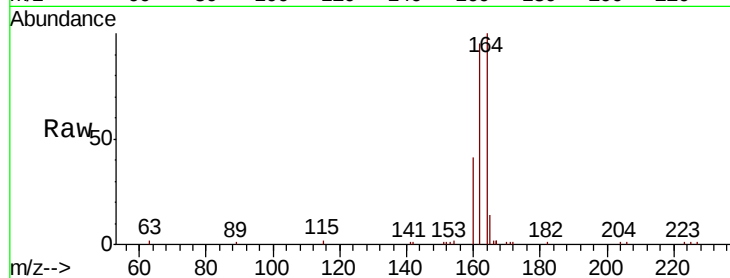




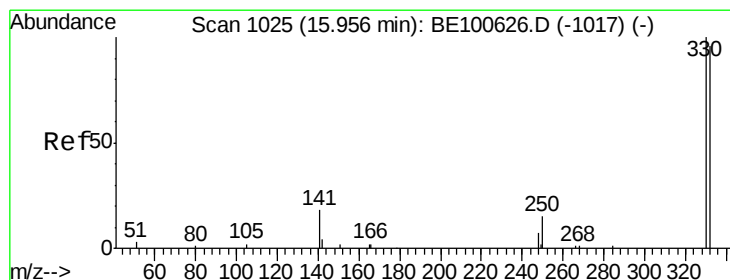
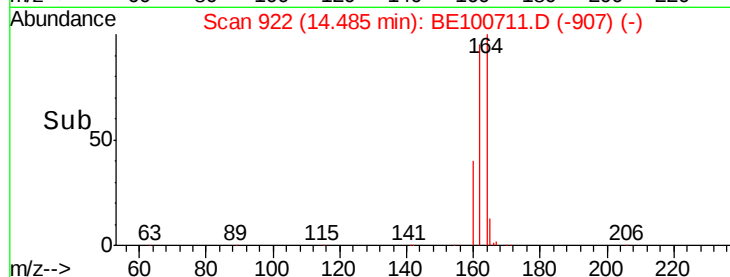
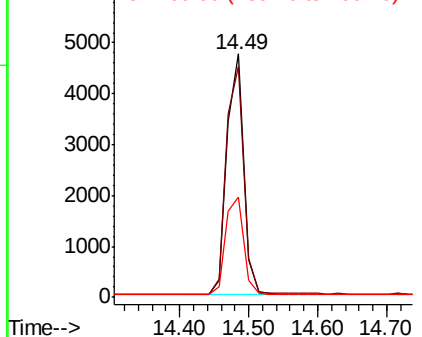
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BE100711.D
 Acq: 8 Nov 2019 10:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 8033
 Ion Ratio Lower Upper
 164 100
 162 95.1 82.0 123.0
 160 41.1 37.5 56.3

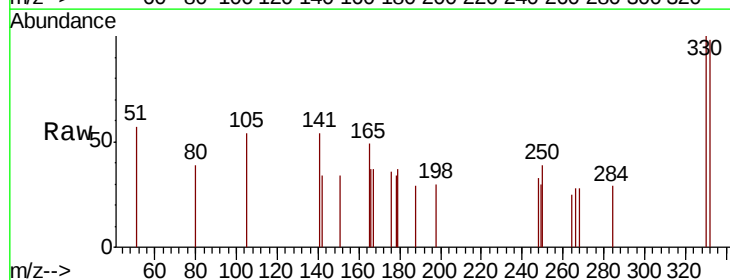


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

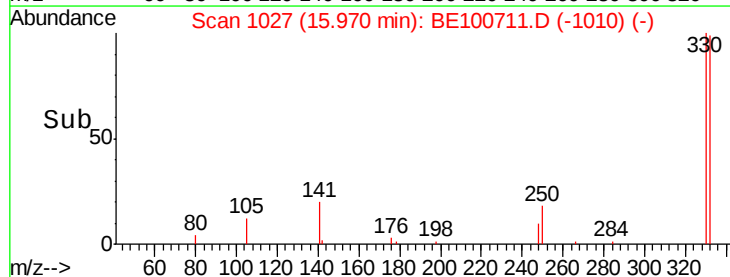
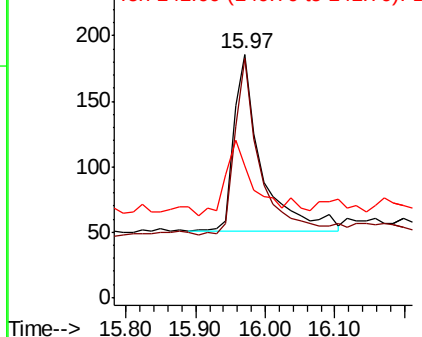


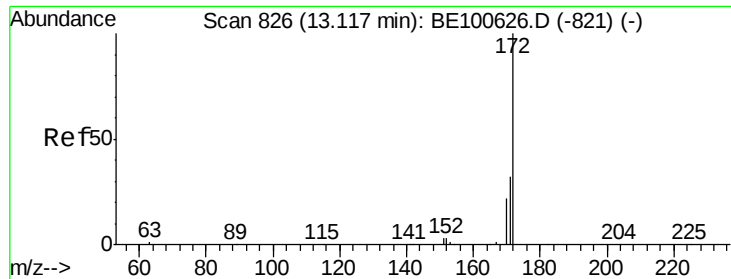
#14
 2,4,6-Tribromophenol
 Concen: 0.174 ng
 RT: 15.97 min Scan# 1027
 Delta R.T. 0.03 min
 Lab File: BE100711.D
 Acq: 8 Nov 2019 10:49

Tgt Ion:330 Resp: 369
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.9 116.9
 141 47.4 33.0 49.6



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

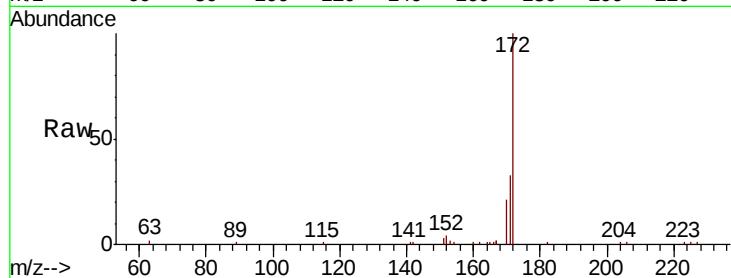




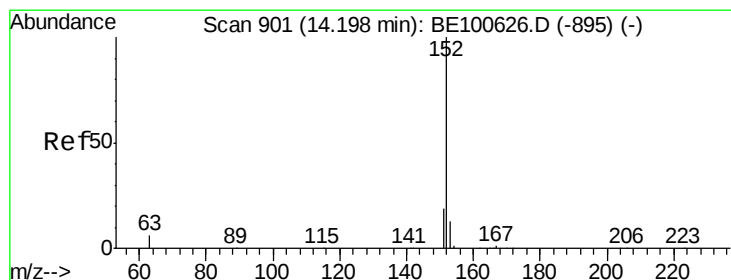
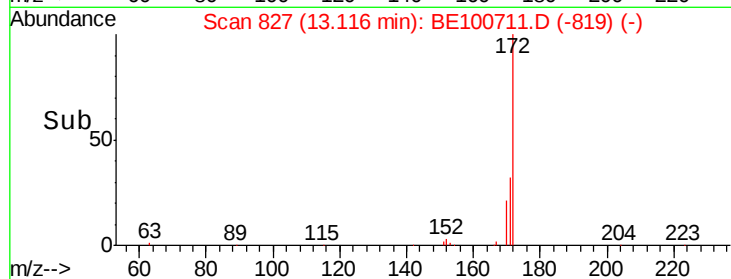
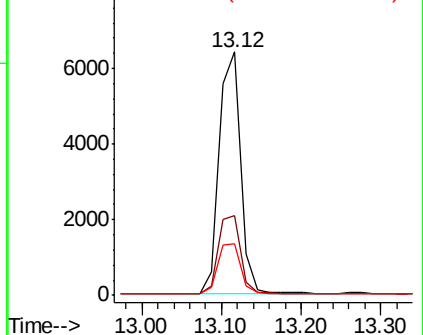
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.01 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 11954
Ion Ratio Lower Upper
172 100
171 32.7 26.5 39.7
170 21.3 19.0 28.4

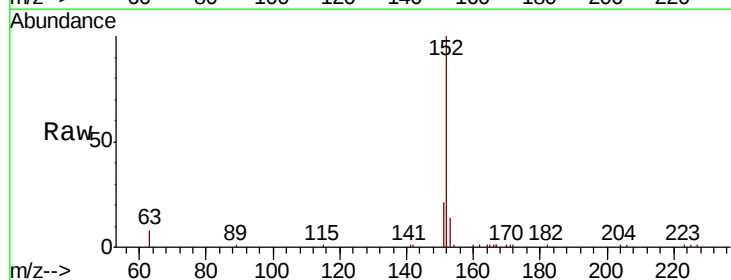


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

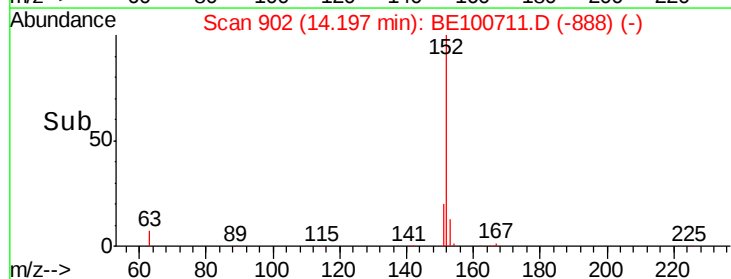
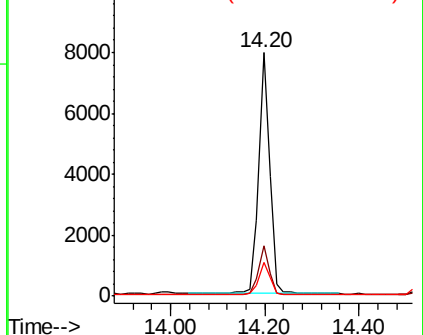


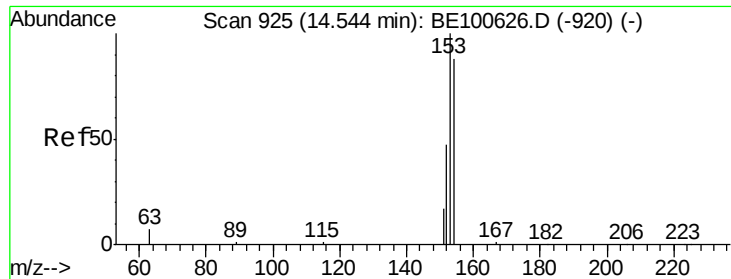
#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.20 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Tgt Ion:152 Resp: 13142
Ion Ratio Lower Upper
152 100
151 19.4 15.2 22.8
153 13.2 10.3 15.5



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: 0.367 ng

RT: 14.54 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Instrument :

BNA_E

ClientSampleId :

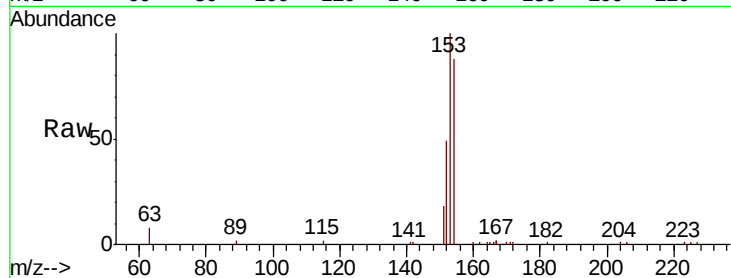
Tot Ion:154 Resp: 8198

Ion Ratio Lower Upper

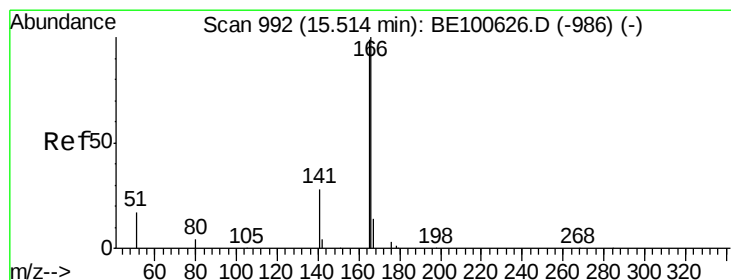
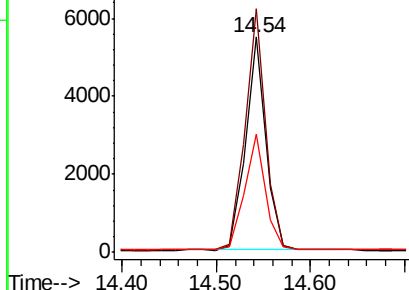
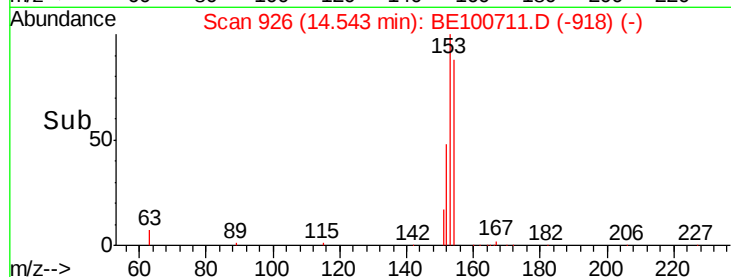
154 100

153 115.2 89.4 134.2

152 55.8 44.1 66.1



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: 0.377 ng

RT: 15.52 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

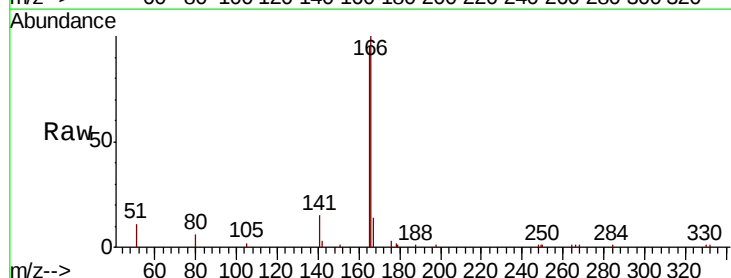
Tgt Ion:166 Resp: 11184

Ion Ratio Lower Upper

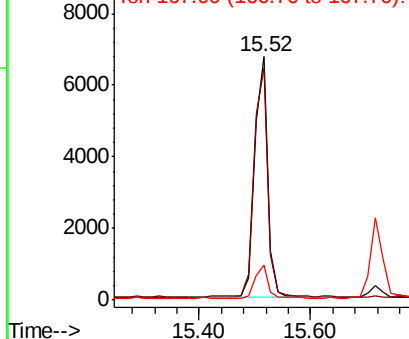
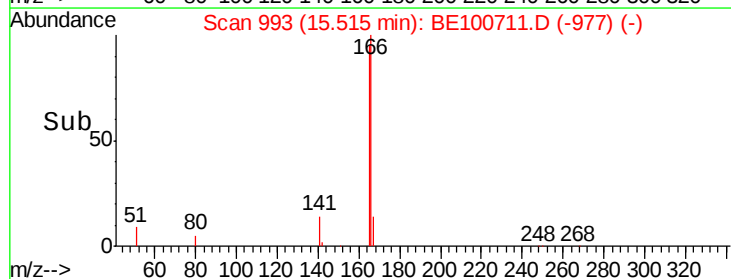
166 100

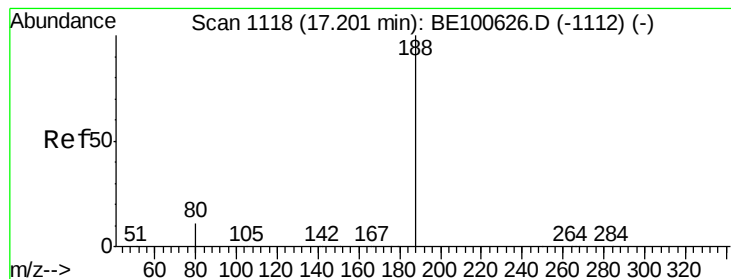
165 99.0 78.6 117.8

167 13.2 10.9 16.3



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: 17.20 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Instrument :

BNA_E

ClientSampleId :

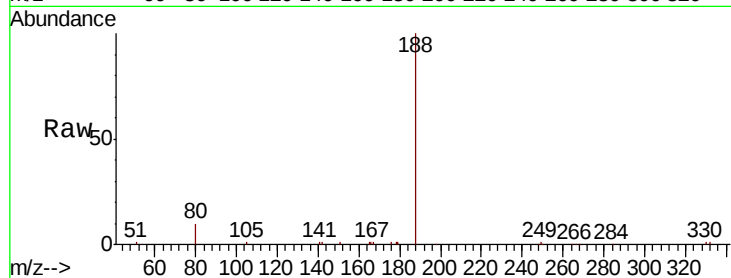
Tot Ion:188 Resp: 17624

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

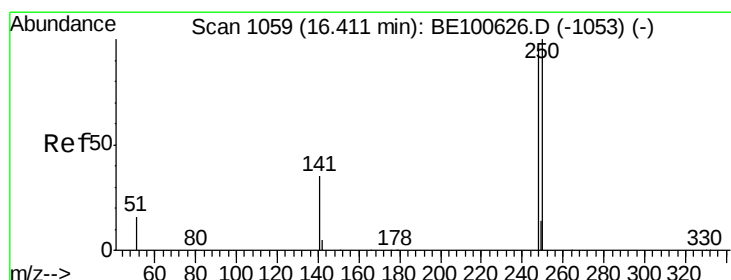
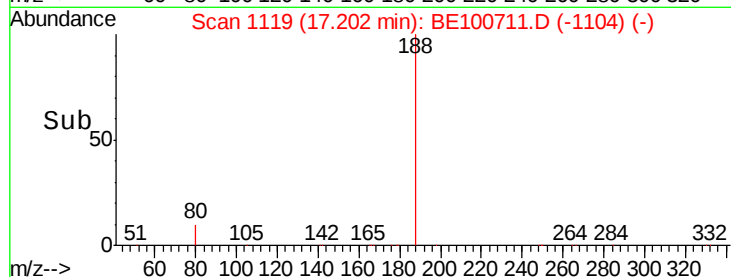
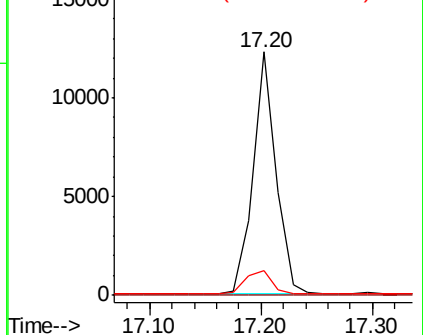
80 10.2 5.4 8.0#



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: 0.403 ng

RT: 16.40 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

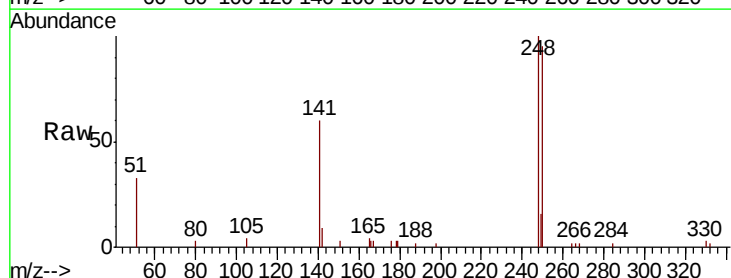
Tgt Ion:248 Resp: 3613

Ion Ratio Lower Upper

248 100

250 95.4 76.3 114.5

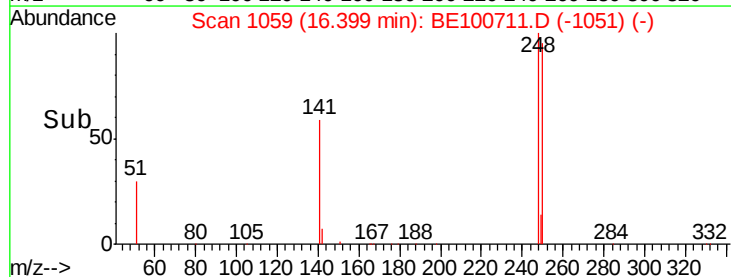
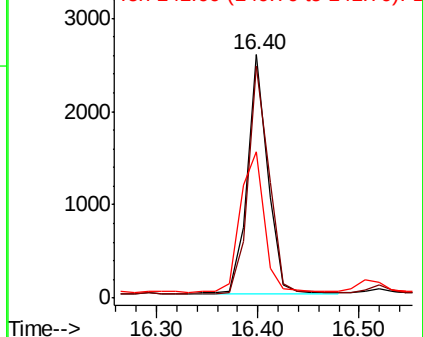
141 60.0 37.3 55.9#

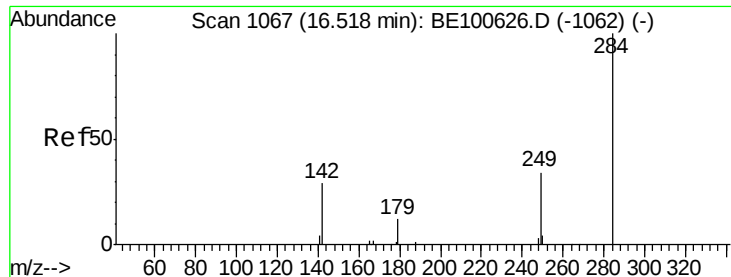


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.403 ng

RT: 16.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE100711.D

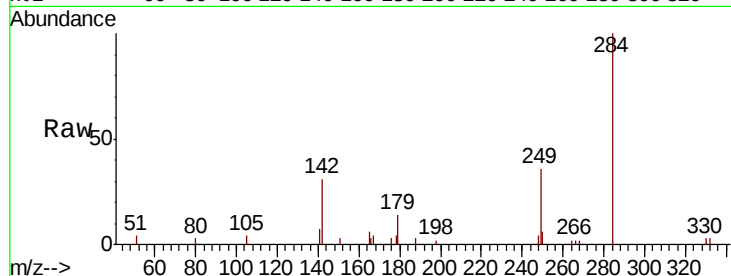
Acq: 8 Nov 2019 10:49

Instrument :

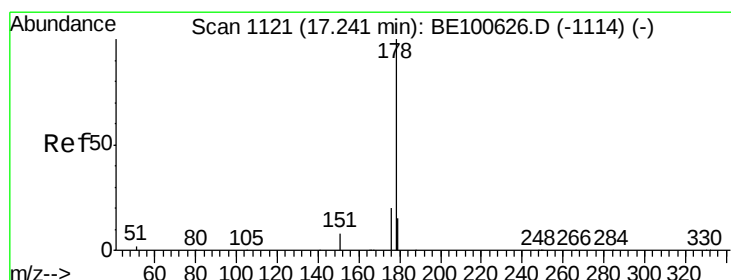
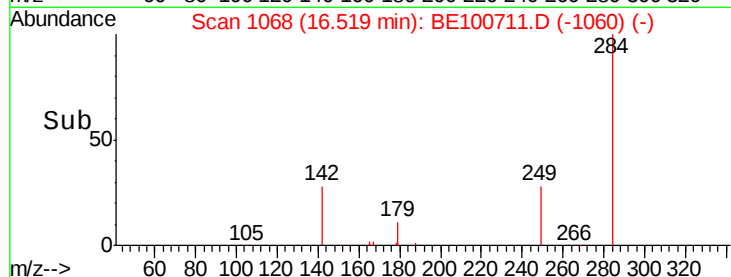
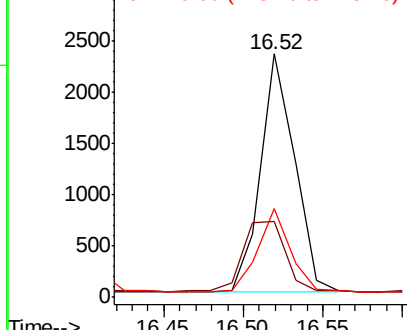
BNA_E

ClientSampleId :

Tot Ion:284	Resp:	3441
Ion Ratio	Lower	Upper
284	100	
142	36.4	28.6 42.8
249	32.9	26.3 39.5



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



#23

Phenanthrene

Concen: 0.397 ng

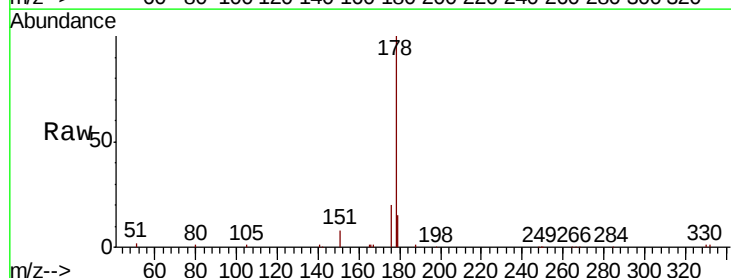
RT: 17.24 min Scan# 1122

Delta R.T. 0.00 min

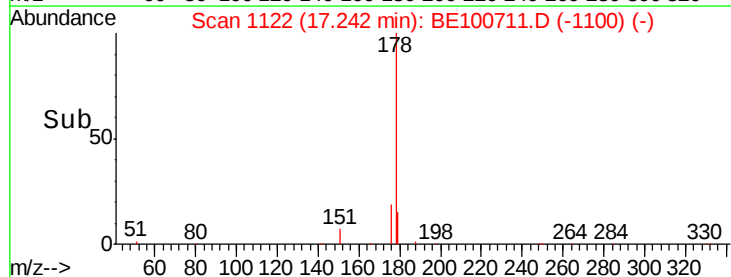
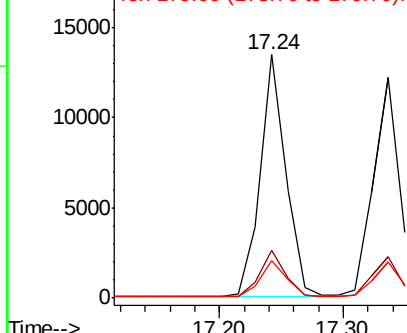
Lab File: BE100711.D

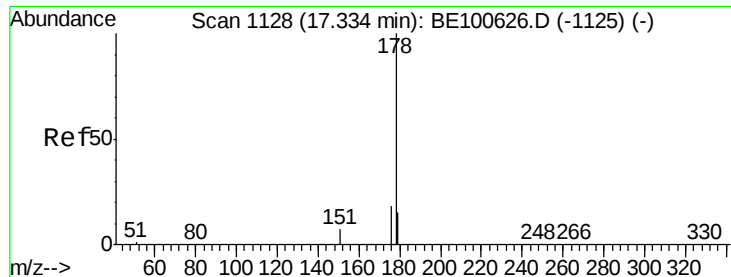
Acq: 8 Nov 2019 10:49

Tgt Ion:178	Resp:	19237
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.2 22.8
179	15.6	12.1 18.1



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





#24

Anthracene

Concen: 0.395 ng

RT: 17.34 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

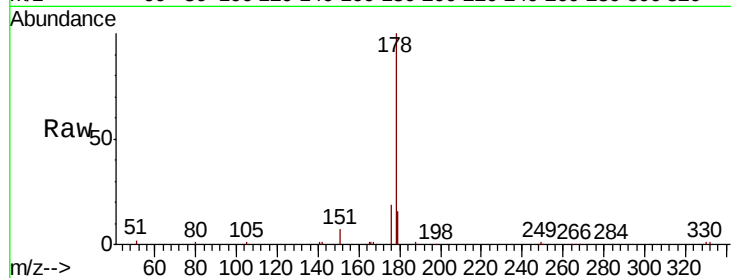
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 17787

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	17.1	12.5	18.7

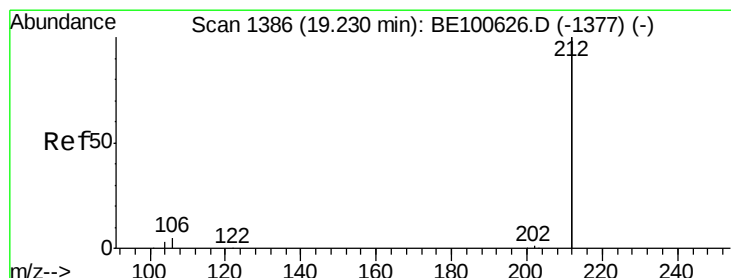
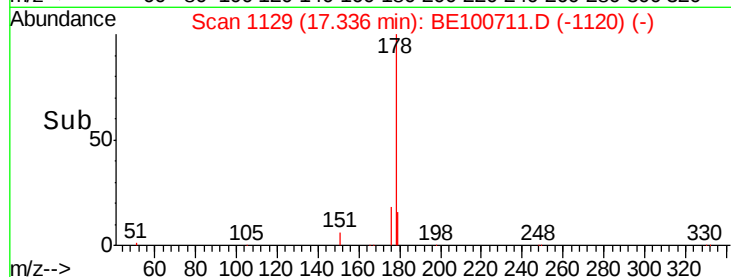
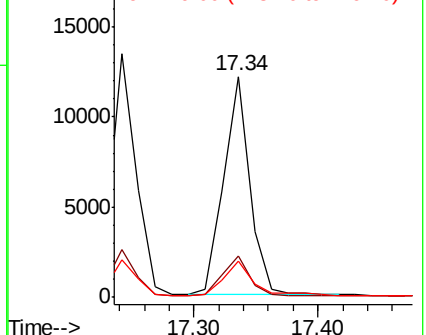


Abundance

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: 0.377 ng

RT: 19.23 min Scan# 1387

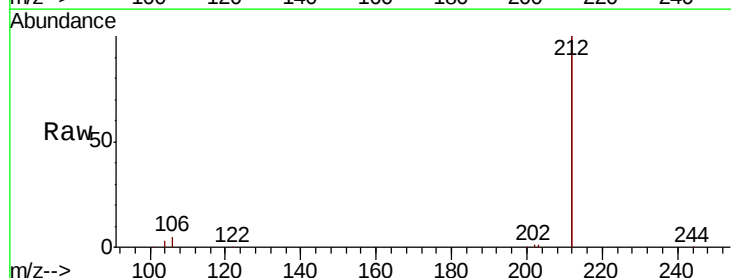
Delta R.T. 0.01 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Tgt Ion:212 Resp: 85785

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

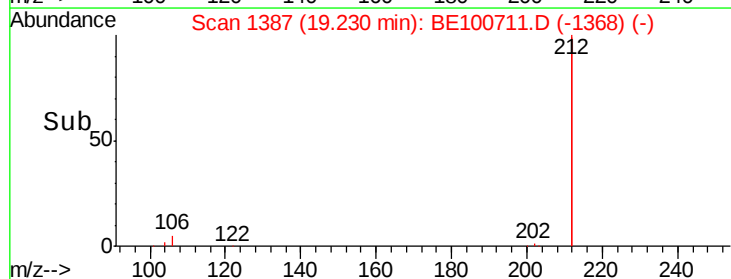
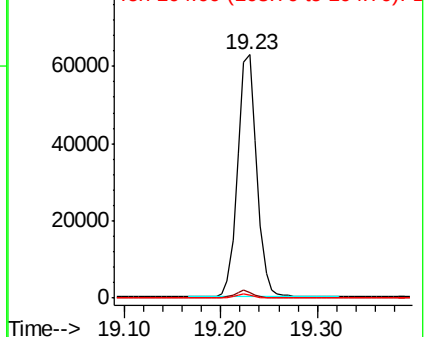


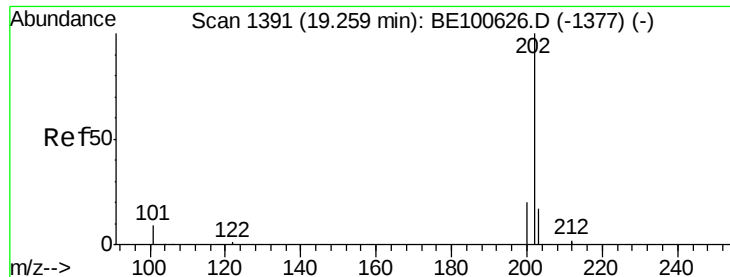
Abundance

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

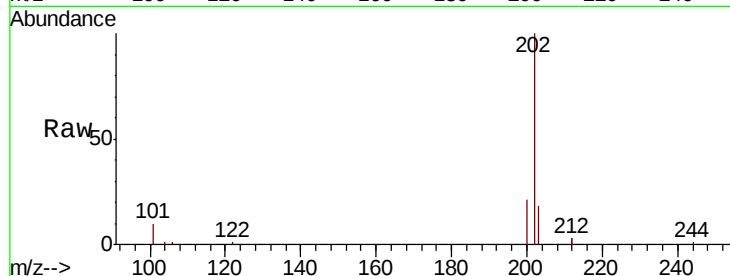




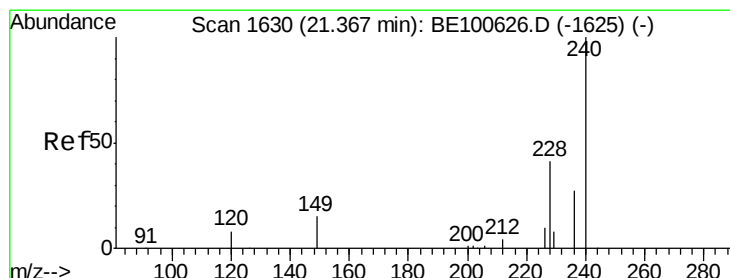
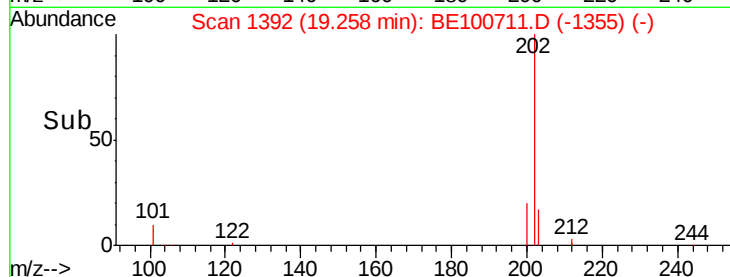
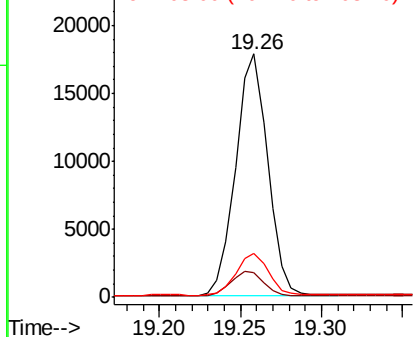
#26
 Fluoranthene
 Concen: 0.385 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BE100711.D
 Acq: 8 Nov 2019 10:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:202 Resp: 24338
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.5 12.7
 203 17.2 13.8 20.8

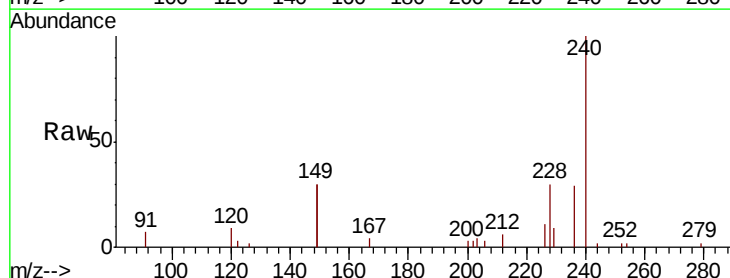


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

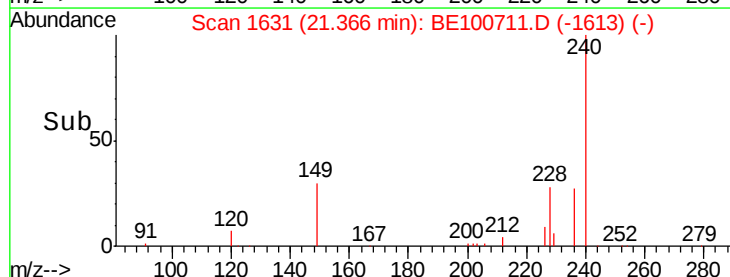
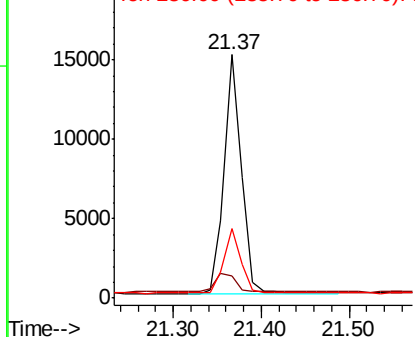


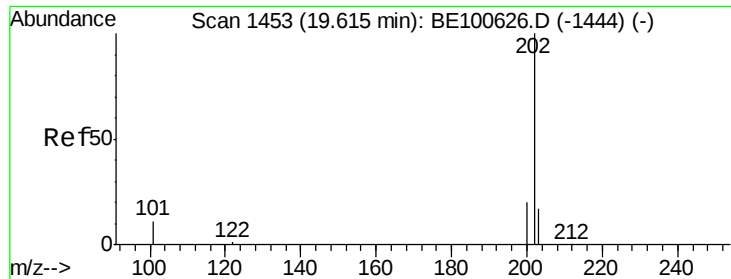
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BE100711.D
 Acq: 8 Nov 2019 10:49

Tgt Ion:240 Resp: 20589
 Ion Ratio Lower Upper
 240 100
 120 9.0 7.6 11.4
 236 28.5 22.1 33.1



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

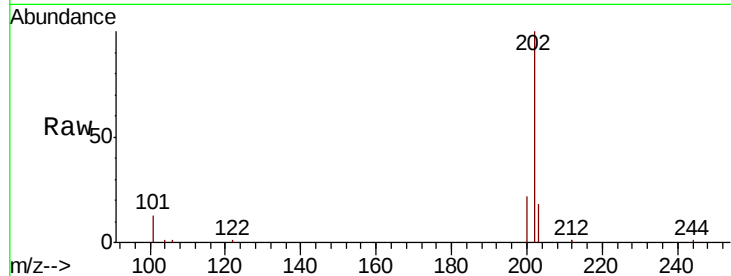




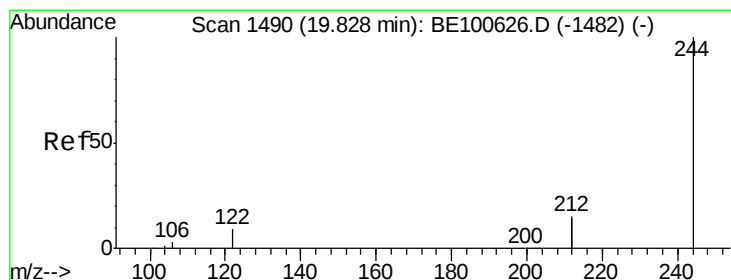
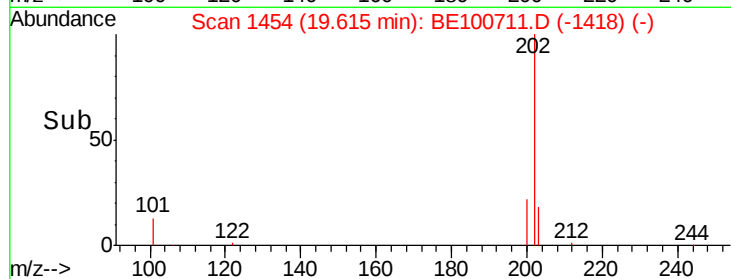
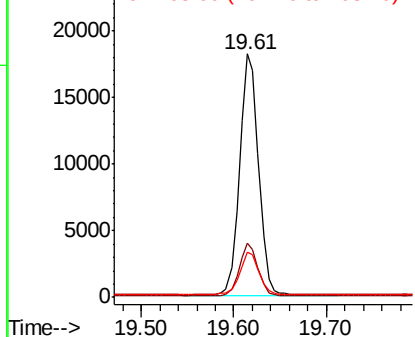
#28
Pvrene
Concen: 0.445 ng
RT: 19.61 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 25614
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.2 14.0 21.0

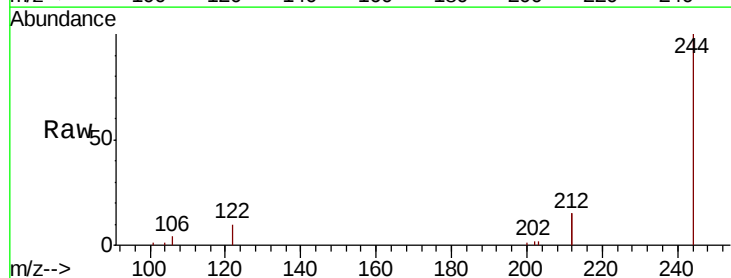


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

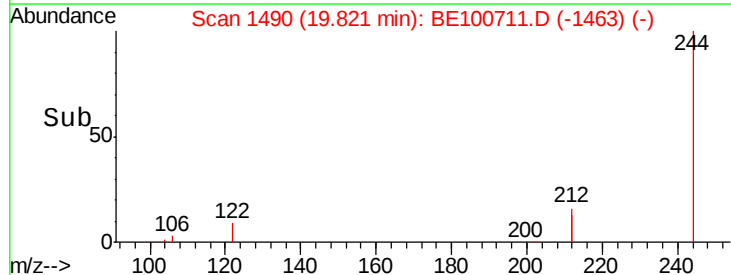
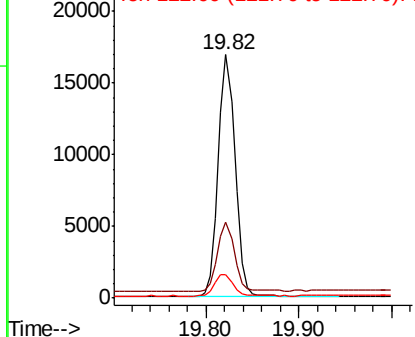


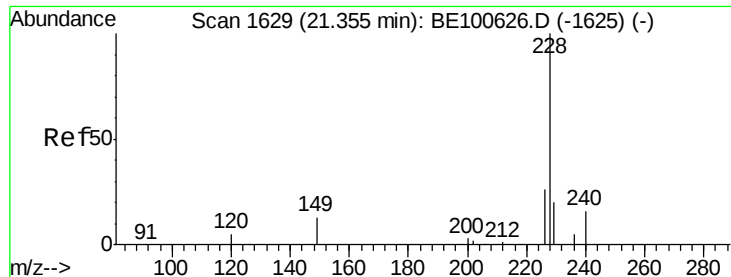
#29
Terphenyl-d14
Concen: 0.474 ng
RT: 19.82 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Tgt Ion:244 Resp: 21328
Ion Ratio Lower Upper
244 100
212 31.0 23.7 35.5
122 9.5 7.9 11.9



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

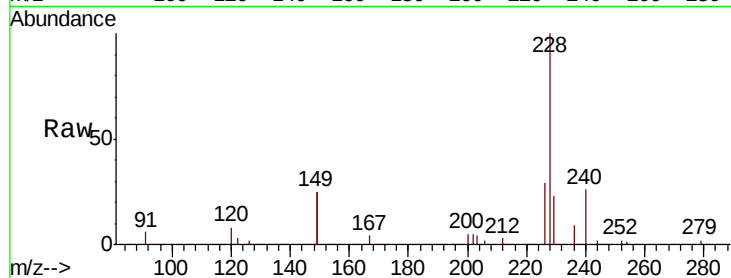




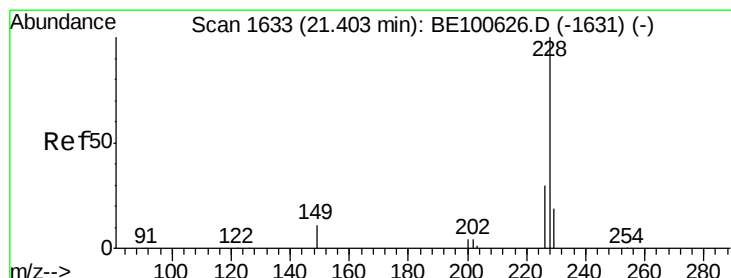
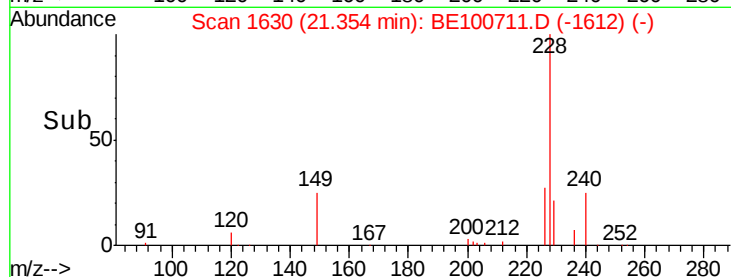
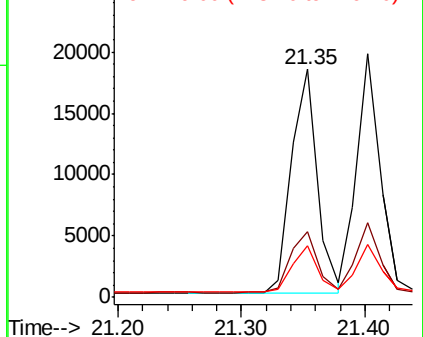
#30
Benzo(a)anthracene
Concen: 0.399 ng
RT: 21.35 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 26779
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.0
229 22.8 16.0 24.0

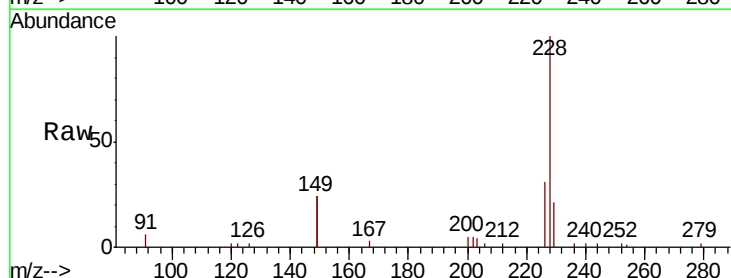


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

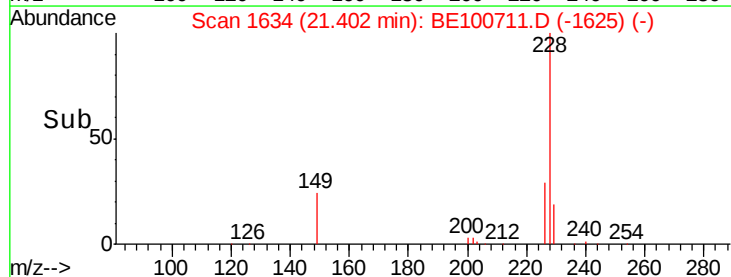
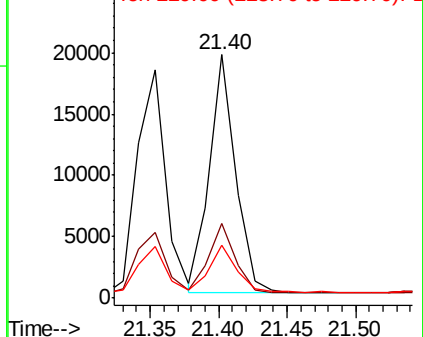


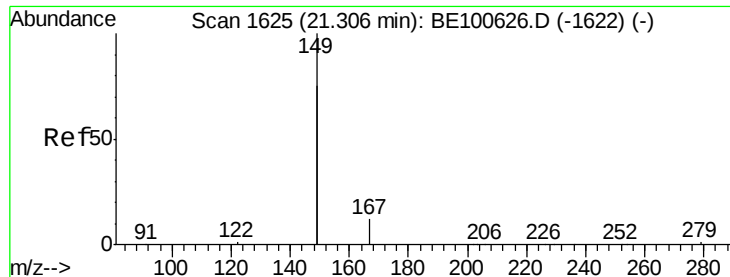
#31
Chrysene
Concen: 0.385 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Tgt Ion:228 Resp: 25847
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.5 15.8 23.8



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: 0.484 ng

RT: 21.29 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Instrument :

BNA_E

ClientSampleId :

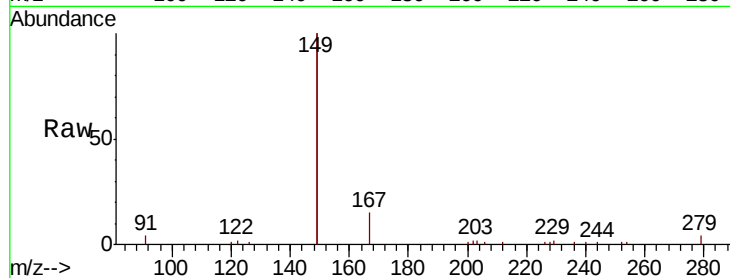
Tot Ion:149 Resp: 67929

Ion Ratio Lower Upper

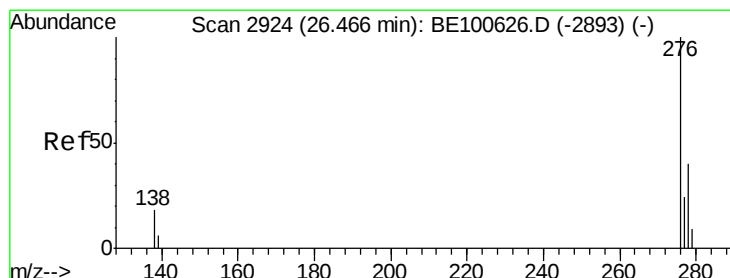
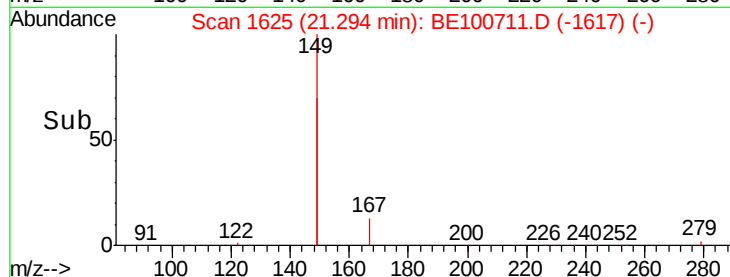
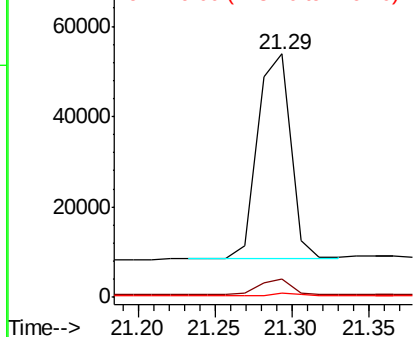
149 100

167 7.0 5.5 8.3

279 1.2 0.9 1.3



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: 0.379 ng

RT: 26.48 min Scan# 2928

Delta R.T. 0.04 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

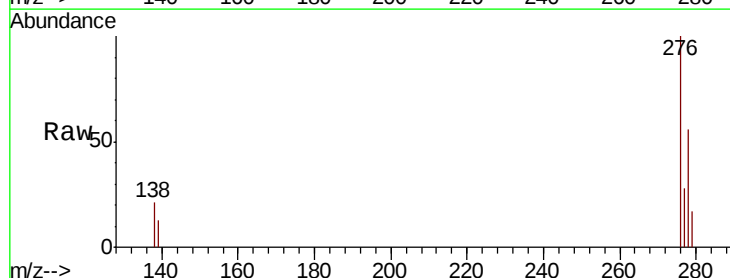
Tgt Ion:276 Resp: 31293

Ion Ratio Lower Upper

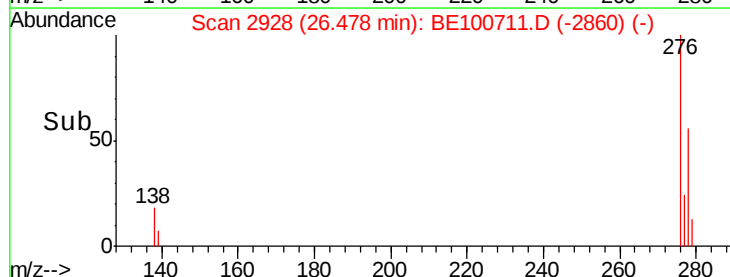
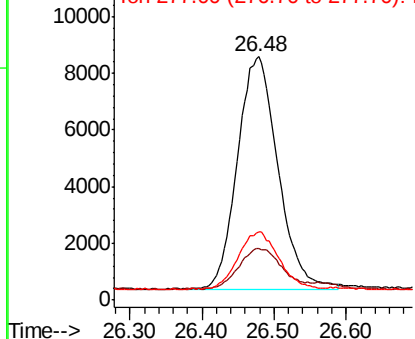
276 100

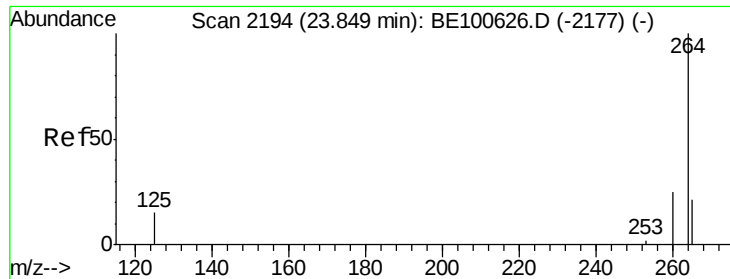
138 18.7 15.3 22.9

277 24.9 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

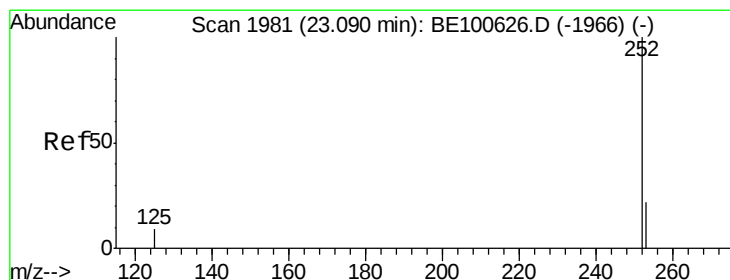
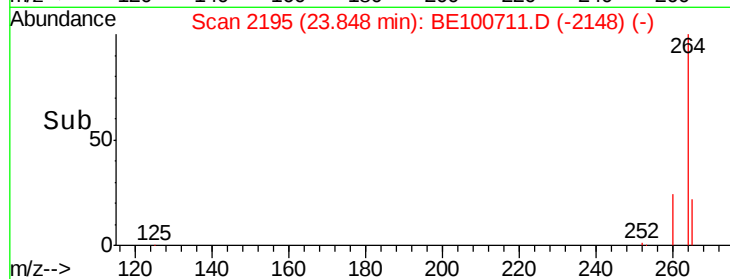
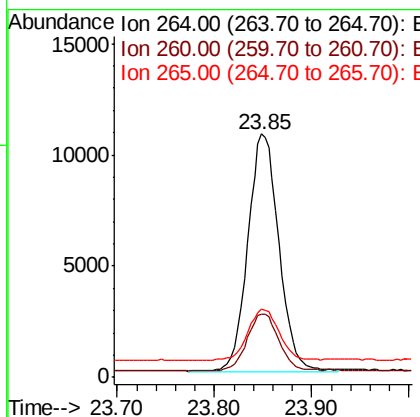
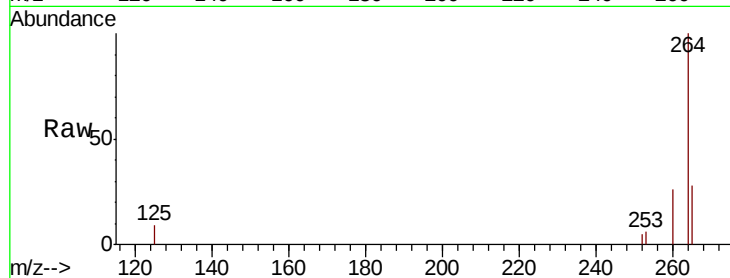




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

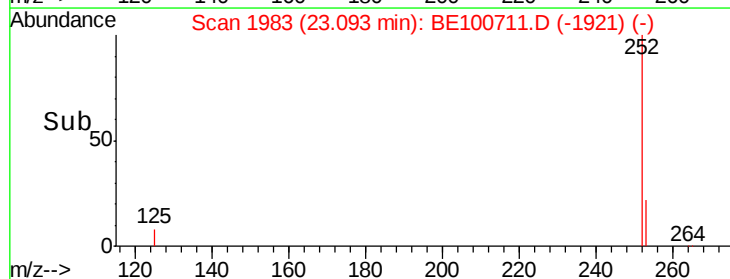
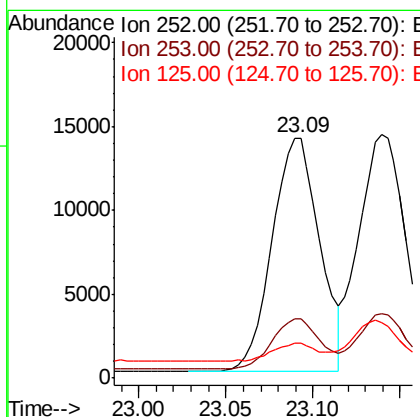
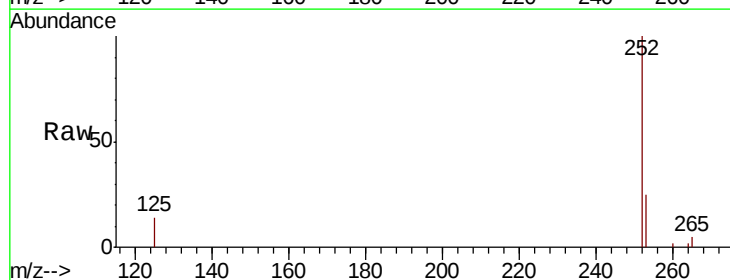
Instrument :
BNA_E
ClientSampleId :

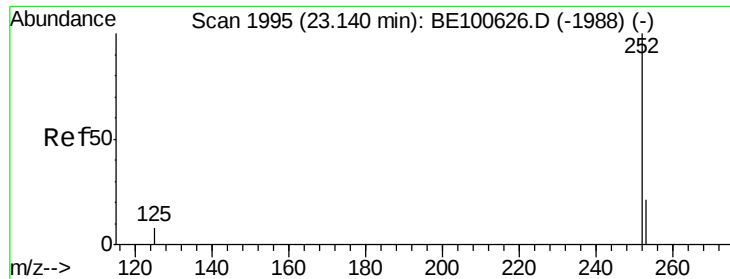
Tot Ion:264 Resp: 23538
Ion Ratio Lower Upper
264 100
260 26.1 19.4 29.2
265 28.1 21.7 32.5



#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.09 min Scan# 1983
Delta R.T. 0.02 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Tgt Ion:252 Resp: 26430
Ion Ratio Lower Upper
252 100
253 24.8 18.4 27.6
125 14.4 7.6 11.4#

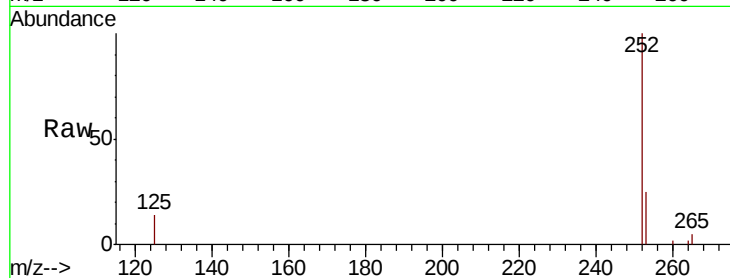




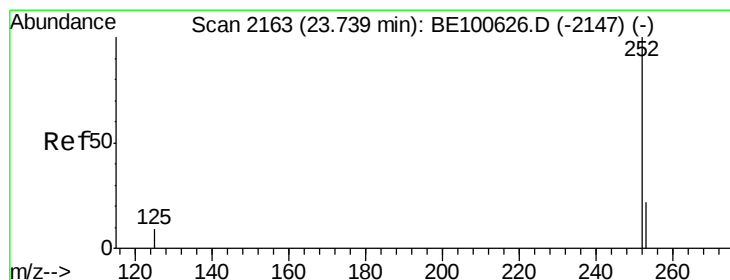
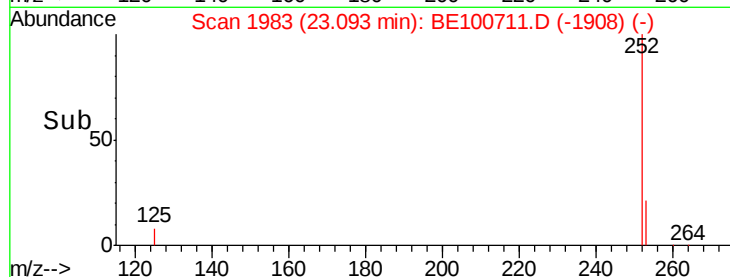
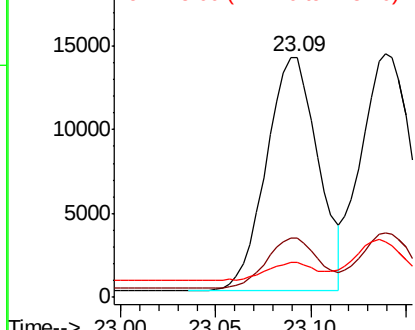
#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.09 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 26427
Ion Ratio Lower Upper
252 100
253 24.8 18.4 27.6
125 14.4 11.6 17.4

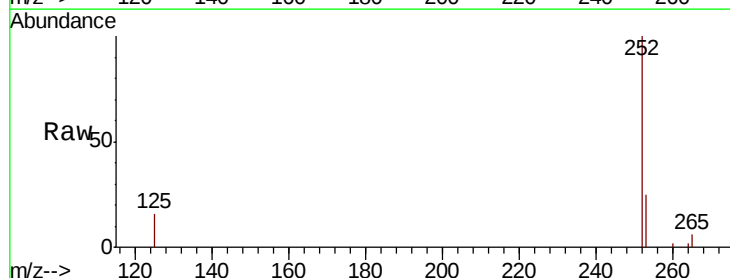


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

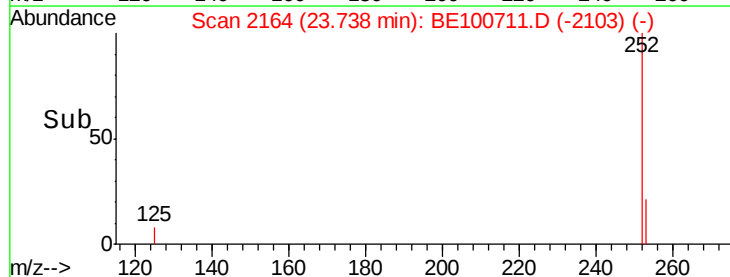
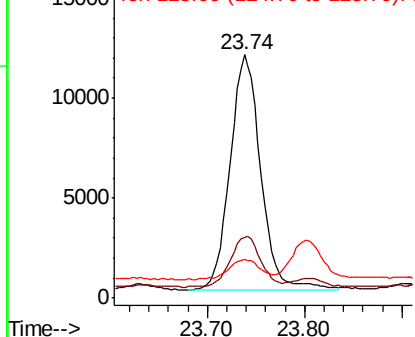


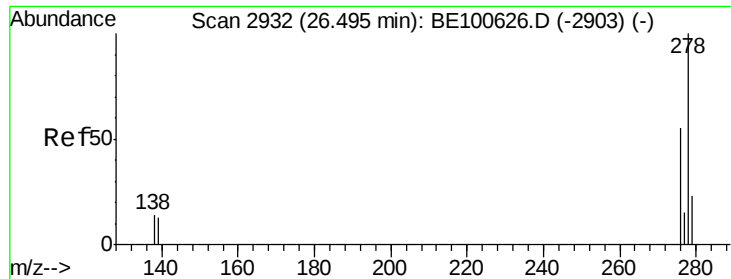
#37
Benzo(a)pyrene
Concen: 0.402 ng
RT: 23.74 min Scan# 2164
Delta R.T. 0.02 min
Lab File: BE100711.D
Acq: 8 Nov 2019 10:49

Tgt Ion:252 Resp: 25698
Ion Ratio Lower Upper
252 100
253 25.1 18.4 27.6
125 15.9 8.2 12.4#



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





#38

Dibenzo(a,h)anthracene

Concen: 0.394 ng

RT: 26.50 min Scan# 2934

Delta R.T. 0.04 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

Instrument :

BNA_E

ClientSampleId :

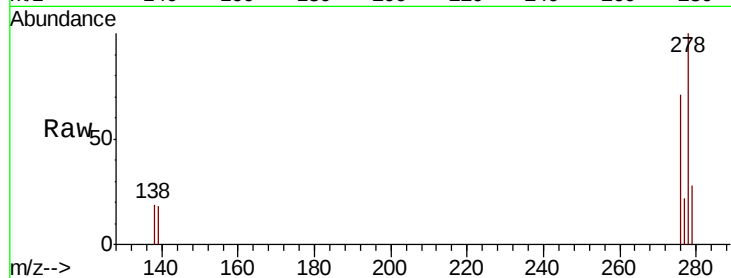
Tot Ion:278 Resp: 25995

Ion Ratio Lower Upper

278 100

139 18.1 10.9 16.3#

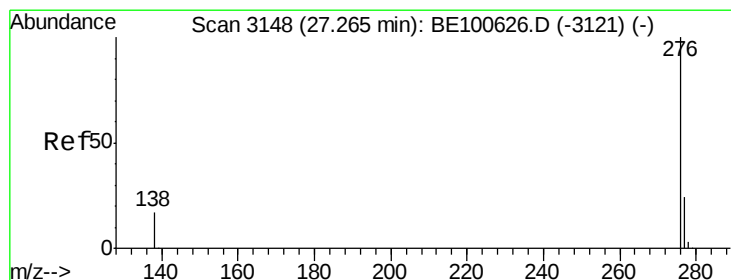
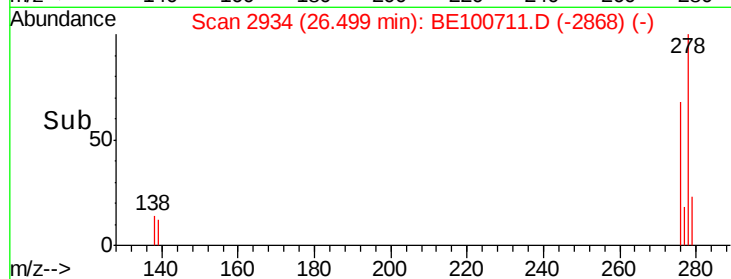
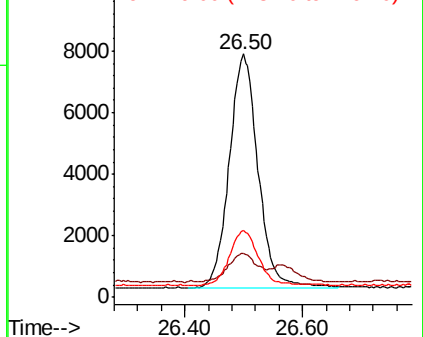
279 27.6 19.4 29.2



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(g,h,i)perylene

Concen: 0.384 ng

RT: 27.28 min Scan# 3152

Delta R.T. 0.04 min

Lab File: BE100711.D

Acq: 8 Nov 2019 10:49

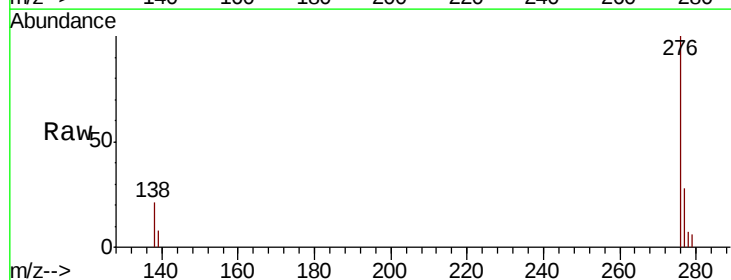
Tgt Ion:276 Resp: 25482

Ion Ratio Lower Upper

276 100

277 27.7 19.4 29.0

138 20.6 13.6 20.4#



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

